Astrodienst Ephemeris Tables

from the year 1150 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

JANUARY 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 57 37	0♉44'57	10♎45	18♉ 5	1♉43	1♐43	10♎11	8°R15	6°R 3	11♏ 2	12♒29	12°R56	12♎17	11♉47	n.a.	W 1
T 2	6 1 33	1°45'42	23°29	19°27	2°58	2°29	10°17	8♉13	6♋ 1	11° 4	12°30	12♎56	12°14	11°53	n.a.	T 2
F 3	6 5 30	2°46'26	5♏57	20°43	4°13	3°15	10°24	8°11	5°58	11° 5	12°32	12°54	12°10	12° 0	n.a.	F 3
S 4	6 9 26	3°47'09	18°12	21°54	5°28	4° 1	10°30	8° 9	5°55	11° 7	12°33	12°50	12° 7	12° 7	n.a.	S 4
S 5	6 13 23	4°47'50	0♐18	22°58	6°43	4°47	10°36	8° 8	5°53	11° 8	12°34	12°42	12° 4	12°14	n.a.	S 5
M 6	6 17 20	5°48'29	12°17	23°55	7°58	5°33	10°41	8° 6	5°50	11°10	12°35	12°31	12° 1	12°20	n.a.	M 6
T 7	6 21 16	6°49'08	24°13	24°44	9°14	6°19	10°47	8° 5	5°48	11°11	12°37	12°18	11°58	12°27	n.a.	T 7
W 8	6 25 13	7°49'44	6♉ 6	25°24	10°29	7° 5	10°53	8° 3	5°45	11°13	12°38	12° 4	11°54	12°34	n.a.	W 8
T 9	6 29 9	8°50'19	17°58	25°55	11°44	7°50	10°58	8° 2	5°42	11°14	12°39	11°48	11°51	12°41	n.a.	T 9
F 10	6 33 6	9°50'52	29°51	26°16	12°59	8°36	11° 3	8° 1	5°40	11°16	12°40	11°34	11°48	12°47	n.a.	F 10
S 11	6 37 2	10°51'23	11♒44	26°27	14°14	9°23	11° 8	8° 0	5°37	11°17	12°42	11°21	11°45	12°54	n.a.	S 11
S 12	6 40 59	11°51'53	23°42	26°R27	15°28	10° 9	11°13	7°59	5°34	11°18	12°43	11°11	11°42	13° 1	n.a.	S 12
M13	6 44 55	12°52'20	5♓45	26°18	16°43	10°55	11°17	7°59	5°32	11°20	12°45	11° 5	11°39	13° 7	n.a.	M13
T 14	6 48 52	13°52'45	17°58	25°58	17°58	11°41	11°22	7°58	5°29	11°21	12°46	11° 1	11°35	13°14	n.a.	T 14
W15	6 52 49	14°53'08	0♈25	25°29	19°13	12°27	11°26	7°57	5°27	11°22	12°47	10°59	11°32	13°21	n.a.	W15
T 16	6 56 45	15°53'29	13° 9	24°51	20°28	13°13	11°30	7°57	5°24	11°23	12°49	10°59	11°29	13°28	n.a.	T 16
F 17	7 0 42	16°53'48	26°17	24° 5	21°43	13°59	11°34	7°57	5°21	11°25	12°50	10°59	11°26	13°34	n.a.	F 17
S 18	7 4 38	17°54'04	9♉50	23°13	22°58	14°45	11°38	7°57	5°19	11°26	12°51	10°58	11°23	13°41	n.a.	S 18
S 19	7 8 35	18°54'19	23°53	22°15	24°13	15°31	11°42	7°D57	5°16	11°27	12°53	10°54	11°20	13°48	n.a.	S 19
M20	7 12 31	19°54'31	8♊24	21°14	25°27	16°17	11°45	7°57	5°14	11°28	12°54	10°48	11°16	13°55	n.a.	M20
T 21	7 16 28	20°54'41	23°21	20°11	26°42	17° 4	11°48	7°57	5°11	11°29	12°56	10°39	11°13	14° 1	n.a.	T 21
W22	7 20 24	21°54'49	8♋35	19° 7	27°57	17°50	11°52	7°57	5° 9	11°30	12°57	10°29	11°10	14° 8	n.a.	W22
T 23	7 24 21	22°54'55	23°57	18° 4	29°12	18°36	11°54	7°57	5° 6	11°31	12°59	10°17	11° 7	14°15	n.a.	T 23
F 24	7 28 18	23°54'59	9♌14	17° 3	0♒26	19°22	11°57	7°58	5° 4	11°32	13° 0	10° 7	11° 4	14°21	n.a.	F 24
S 25	7 32 14	24°55'01	24°16	16° 6	1°41	20° 9	12° 0	7°59	5° 2	11°33	13° 2	9°59	11° 0	14°28	n.a.	S 25
S 26	7 36 11	25°55'01	8♍54	15°13	2°56	20°55	12° 2	7°59	4°59	11°34	13° 3	9°53	10°57	14°35	n.a.	S 26
M27	7 40 7	26°55'00	23° 3	14°26	4°11	21°41	12° 4	8° 0	4°57	11°35	13° 4	9°50	10°54	14°42	n.a.	M27
T 28	7 44 4	27°54'56	6♎42	13°45	5°25	22°27	12° 6	8° 1	4°54	11°36	13° 6	9°D48	10°51	14°48	n.a.	T 28
W29	7 48 0	28°54'50	19°53	13°10	6°40	23°14	12° 8	8° 2	4°52	11°37	13° 7	9°49	10°48	14°55	n.a.	W29
T 30	7 51 57	29°54'43	2♏40	12°42	7°55	24° 0	12°10	8° 3	4°50	11°38	13° 9	9°R49	10°45	15° 2	n.a.	T 30
F 31	7 55 53	0♒54'34	15♏ 7	12♉21	9♒ 9	24♐46	12♎11	8♉ 5	4♋47	11♏38	13♒10	9♎48	10♎41	15♉ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s50	4s30	0s12	23s 6	0s31	24s49	1s 0	21s12	0s22	2s51	1n22	12n42	1s54	24n12	0n30	13s46	1n42	32s 8	15s31	5s11	4s56	18s10			n.a.
T 2	23 49	8 24	0n56	22 42	0 19	24 49	1 2	21 22	0 22	2 53	1 22	12 41	1 53	24 12	0 30	13 46	1 42	32 7	15 31	5 11	4 54	18 10			n.a.
F 3	23 48	11 51	1 59	22 18	0 6	24 49	1 3	21 31	0 23	2 55	1 22	12 41	1 53	24 12	0 30	13 47	1 42	32 7	15 31	5 11	4 53	18 9			n.a.
S 4	23 46	14 44	2 55	21 52	0n 9	24 48	1 5	21 41	0 24	2 58	1 22	12 41	1 53	24 12	0 30	13 47	1 42	32 6	15 31	5 9	4 52	18 9			n.a.
S 5	23 44	16 55	3 42	21 27	0 24	24 46	1 6	21 50	0 24	3 0	1 23	12 40	1 53	24 12	0 30	13 48	1 42	32 5	15 30	5 6	4 51	18 8			n.a.
M 6	23 42	18 21	4 19	21 2	0 39	24 43	1 8	21 59	0 25	3 2	1 23	12 40	1 52	24 12	0 31	13 48	1 42	32 5	15 30	5 2	4 49	18 7			n.a.
T 7	23 39	18 58	4 45	20 37	0 55	24 39	1 9	22 8	0 26	3 4	1 23	12 40	1 52	24 12	0 31	13 49	1 42	32 4	15 30	4 56	4 48	18 7			n.a.
W 8	23 36	18 44	4 58	20 14	1 12	24 35	1 11	22 17	0 27	3 6	1 23	12 40	1 52	24 13	0 31	13 49	1 42	32 4	15 30	4 51	4 47	18 6			n.a.
T 9	23 32	17 41	4 58	19 51	1 29	24 30	1 12	22 25	0 27	3 8	1 23	12 40	1 51	24 13	0 31	13 49	1 42	32 3	15 30	4 44	4 46	18 6			n.a.
F 10	23 27	15 53	4 44	19 31	1 46	24 24	1 13	22 34	0 28	3 10	1 24	12 39	1 51	24 13	0 31	13 50	1 43	32 3	15 29	4 39	4 44	18 5			n.a.
S 11	23 23	13 24	4 19	19 12	2 3	24 17	1 14	22 42	0 29	3 12	1 24	12 39	1 51	24 13	0 31	13 50	1 43	32 2	15 29	4 34	4 43	18 4			n.a.
S 12	23 17	10 21	3 42	18 55	2 19	24 10	1 16	22 49	0 30	3 13	1 24	12 39	1 51	24 13	0 31	13 51	1 43	32 1	15 29	4 30	4 42	18 4			n.a.
M13	23 12	6 51	2 55	18 42	2 35	24 2	1 17	22 57	0 30	3 15	1 24	12 39	1 50	24 13	0 31	13 51	1 43	32 1	15 29	4 27	4 41	18 3			n.a.
T 14	23 6	3 1	1 58	18 30	2 51	23 53	1 18	23 4	0 31	3 17	1 24	12 39	1 50	24 13	0 31	13 51	1 43	32 0	15 29	4 26	4 39	18 2			n.a.
W15	22 59	1n 1	0 56	18 22	3 5	23 43	1 19	23 11	0 32	3 18	1 25	12 40	1 50	24 13	0 31	13 52	1 43	32 0	15 29	4 25	4 38	18 2			n.a.
T 16	22 52	5 6	0s11	18 16	3 17	23 33	1 20	23 18	0 33	3 19	1 25	12 40	1 50	24 14	0 31	13 52	1 43	31 59	15 29	4 25	4 37	18 1			n.a.
F 17	22 44	9 4	1 20	18 13	3 28	23 22	1 21	23 24	0 33	3 21	1 25	12 40	1 49	24 14	0 31	13 52	1 43	31 59	15 28	4 25	4 36	18 1			n.a.
S 18	22 37	12 41	2 26	18 13	3 38	23 10	1 21	23 30	0 34	3 22	1 25	12 40	1 49	24 14	0 31	13 53	1 43	31 58	15 28	4 24	4 34	18 0			n.a.
S 19	22 28	15 43	3 26	18 15	3 45	22 58	1 22	23 36	0 35	3 23	1 25	12 40	1 49	24 14	0 31	13 53	1 43	31 57	15 28	4 23	4 33	17 59			n.a.
M20	22 20	17 53	4 15	18 20	3 50	22 45	1 23	23 42	0 36	3 25	1 26	12 41	1 48	24 14	0 31	13 53	1 43	31 57	15 28	4 20	4 32	17 59			n.a.
T 21	22 10	18 53	4 47	18 27	3 53	22 31	1 23	23 48	0 36	3 26	1 26	12 41	1 48	24 14	0 31	13 54	1 43	31 56	15 28	4 17	4 31	17 58			n.a.
W22	22 1	18 33	5 1	18 35	3 54	22 17	1 24	23 53	0 37	3 27	1 26	12 41	1 48	24 14	0 31	13 54	1 43	31 56	15 28	4 13	4 29	17 57			n.a.
T 23	21 51	16 52	4 52	18 45	3 52	22 2	1 25	23 58	0 38	3 28	1 26	12 42	1 48	24 14	0 31	13 54	1 43	31 55	15 28	4 8	4 28	17 57			n.a.
F 24	21 40	14 0	4 23	18 56	3 49	21 46	1 25	24 2	0 39	3 29	1 27	12 42	1 47	24 14	0 31	13 54	1 43	31 55	15 28	4 4	4 27	17 56			n.a.
S 25	21 30	10 15	3 36	19 8	3 44	21 30	1 25	24 7	0 39	3 29	1 27	12 43	1 47	24 14	0 31	13 55	1 43	31 54	15 27	4 1	4 25	17 55			n.a.
S 26	21 18	5 58	2 36	19 21	3 37	21 13	1 26	24 11	0 40	3 30	1 27	12 43	1 47	24 15	0 31	13 55	1 43	31 54	15 27	3 58	4 24	17 55			n.a.
M27	21 7	1 28	1 28	19 35	3 28	20 55	1 26	24 15	0 41	3 31	1 27	12 44	1 46	24 15	0 31	13 55	1 43	31 53	15 27	3 57	4 23	17 54			n.a.
T 28	20 55	2s57	0 16	19 49	3 18	20 37	1 26	24 18	0 42	3 31	1 27	12 44	1 46	24 15	0 31	13 55	1 43	31 53	15 27	3 57	4 22	17 53			n.a.
W29	20 43	7 5	0n53	20 3	3 8	20 18	1 26	24 21	0 42	3 32	1 28	12 45	1 46	24 15	0 31	13 56	1 43	31 52	15 27	3 57	4 20	17 53			n.a.
T 30	20 30	10 45	1 58	20 18	2 56	19 59	1 26	24 24	0 43	3 32	1 28	12 45	1 46	24 15	0 31	13 56	1 43	31 51	15 27	3 57	4 19	17 52			n.a.
F 31	20s17	13s50	2n56	20s32	2n44	19s39	1s26	24s27	0s44	3s33	1n28	12n46	1s45	24n15	0n31	13s56	1n43	31s51	15s27	3s57	4s18	17s51			n.a.

Julian Day Number = 1301385.5, Delta T = 07h50m02s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'57, Lahiri = -19°49'57 Julian Calendar 1 Jan. 1150 BCE == Greg. Calendar 21 Dec. 1151 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

FEBRUARY 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 50	1♒54'23	27♏19	12°R 6	10♒24	25♐33	12♎12	8♉ 6	4°R45	11♏39	13♒12	9°R45	10♎38	15♑15	n.a.	S 1
S 2	8 3 46	2°54'11	9♐20	11♑58	11°38	26°19	12°14	8° 8	4♋43	11°40	13°13	9♎39	10°35	15°22	n.a.	S 2
M 3	8 7 43	3°53'56	21°15	11°D56	12°53	27° 5	12°14	8° 9	4°41	11°40	13°15	9°31	10°32	15°29	n.a.	M 3
T 4	8 11 40	4°53'40	3♑ 7	12° 0	14° 7	27°52	12°15	8°11	4°39	11°41	13°17	9°20	10°29	15°35	n.a.	T 4
W 5	8 15 36	5°53'21	14°58	12°10	15°22	28°38	12°16	8°13	4°36	11°42	13°18	9° 8	10°26	15°42	n.a.	W 5
T 6	8 19 33	6°53'01	26°50	12°25	16°36	29°24	12°16	8°15	4°34	11°42	13°20	8°56	10°22	15°49	n.a.	T 6
F 7	8 23 29	7°52'38	8♒46	12°46	17°51	0♑11	12°R16	8°17	4°32	11°43	13°21	8°44	10°19	15°56	n.a.	F 7
S 8	8 27 26	8°52'13	20°46	13°12	19° 5	0°57	12°16	8°19	4°30	11°43	13°23	8°34	10°16	16° 2	n.a.	S 8
S 9	8 31 22	9°51'46	2♓51	13°42	20°20	1°43	12°16	8°21	4°28	11°44	13°24	8°26	10°13	16° 9	n.a.	S 9
M10	8 35 19	10°51'16	15° 4	14°17	21°34	2°30	12°15	8°24	4°26	11°44	13°26	8°20	10°10	16°16	n.a.	M10
T 11	8 39 15	11°50'44	27°26	14°56	22°49	3°16	12°15	8°26	4°24	11°45	13°27	8°18	10° 6	16°22	n.a.	T 11
W12	8 43 12	12°50'10	10♈ 0	15°38	24° 3	4° 3	12°14	8°29	4°22	11°45	13°29	8°D17	10° 3	16°29	n.a.	W12
T 13	8 47 9	13°49'34	22°49	16°25	25°17	4°49	12°13	8°32	4°20	11°45	13°30	8°18	10° 0	16°36	n.a.	T 13
F 14	8 51 5	14°48'54	5♉56	17°14	26°32	5°35	12°12	8°34	4°19	11°46	13°32	8°19	9°57	16°43	n.a.	F 14
S 15	8 55 2	15°48'13	19°24	18° 7	27°46	6°22	12°10	8°37	4°17	11°46	13°33	8°R19	9°54	16°49	n.a.	S 15
S 16	8 58 58	16°47'29	3♊17	19° 3	29° 0	7° 8	12° 9	8°40	4°15	11°46	13°35	8°17	9°51	16°56	n.a.	S 16
M17	9 2 55	17°46'43	17°33	20° 2	0♓14	7°54	12° 7	8°43	4°13	11°46	13°36	8°14	9°47	17° 3	n.a.	M17
T 18	9 6 51	18°45'54	2♋12	21° 4	1°29	8°41	12° 5	8°47	4°12	11°47	13°38	8° 9	9°44	17°10	n.a.	T 18
W19	9 10 48	19°45'03	17° 9	22° 8	2°43	9°27	12° 3	8°50	4°10	11°47	13°39	8° 2	9°41	17°16	n.a.	W19
T 20	9 14 44	20°44'09	2♌15	23°14	3°57	10°13	12° 1	8°53	4° 9	11°47	13°41	7°55	9°38	17°23	n.a.	T 20
F 21	9 18 41	21°43'13	17°21	24°23	5°11	11° 0	11°58	8°57	4° 7	11°47	13°43	7°48	9°35	17°30	n.a.	F 21
S 22	9 22 37	22°42'15	2♍17	25°34	6°25	11°46	11°55	9° 1	4° 6	11°47	13°44	7°42	9°31	17°36	n.a.	S 22
S 23	9 26 34	23°41'14	16°55	26°47	7°39	12°32	11°53	9° 4	4° 4	11°R47	13°46	7°39	9°28	17°43	n.a.	S 23
M24	9 30 31	24°40'12	1♎ 9	28° 3	8°53	13°19	11°50	9° 8	4° 3	11°47	13°47	7°D37	9°25	17°50	n.a.	M24
T 25	9 34 27	25°39'07	14°55	29°20	10° 7	14° 5	11°46	9°12	4° 1	11°47	13°49	7°37	9°22	17°57	n.a.	T 25
W26	9 38 24	26°38'01	28°14	0♒39	11°21	14°51	11°43	9°16	4° 0	11°47	13°50	7°38	9°19	18° 3	n.a.	W26
T 27	9 42 20	27°36'53	11♏ 7	2° 0	12°35	15°38	11°40	9°20	3°59	11°47	13°52	7°40	9°16	18°10	n.a.	T 27
F 28	9 46 17	28♒35'43	23♏39	3♒23	13♓49	16♑24	11♎36	9♉24	3♋58	11♏47	13♒53	7°R41	9♎12	18♑17	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 3	16s15	3n44	20s46	2n31	19s18	1s26	24s30	0s45	3s33	1n28	12n47	1s45	24n15	0n31	13s56	1n44	31s50	15s27	3s55	4s17	17s51		n.a.
S 2	19 50	17 54	4 22	21 0	2 18	18 57	1 26	24 32	0 45	3 33	1 29	12 48	1 45	24 15	0 31	13 56	1 44	31 50	15 27	3 53	4 15	17 50		n.a.
M 3	19 36	18 45	4 48	21 13	2 4	18 36	1 26	24 34	0 46	3 33	1 29	12 48	1 45	24 15	0 31	13 56	1 44	31 49	15 27	3 50	4 14	17 49		n.a.
T 4	19 21	18 47	5 1	21 26	1 51	18 13	1 26	24 35	0 47	3 33	1 29	12 49	1 44	24 15	0 31	13 57	1 44	31 49	15 27	3 46	4 13	17 49		n.a.
W 5	19 6	17 59	5 1	21 39	1 38	17 51	1 25	24 37	0 47	3 33	1 29	12 50	1 44	24 15	0 31	13 57	1 44	31 48	15 27	3 41	4 12	17 48		n.a.
T 6	18 51	16 25	4 48	21 50	1 24	17 28	1 25	24 38	0 48	3 33	1 29	12 51	1 44	24 15	0 31	13 57	1 44	31 48	15 27	3 36	4 10	17 47		n.a.
F 7	18 36	14 8	4 23	22 1	1 11	17 4	1 25	24 39	0 49	3 33	1 30	12 52	1 43	24 16	0 31	13 57	1 44	31 47	15 27	3 31	4 9	17 47		n.a.
S 8	18 20	11 15	3 45	22 12	0 58	16 40	1 24	24 39	0 50	3 33	1 30	12 53	1 43	24 16	0 31	13 57	1 44	31 47	15 27	3 27	4 8	17 46		n.a.
S 9	18 4	7 52	2 58	22 21	0 46	16 16	1 24	24 39	0 50	3 33	1 30	12 54	1 43	24 16	0 31	13 57	1 44	31 46	15 27	3 24	4 6	17 45		n.a.
M10	17 48	4 7	2 1	22 30	0 33	15 51	1 23	24 39	0 51	3 32	1 30	12 55	1 43	24 16	0 31	13 57	1 44	31 46	15 27	3 22	4 5	17 44		n.a.
T 11	17 31	0 9	0 58	22 38	0 21	15 26	1 22	24 39	0 52	3 32	1 30	12 56	1 42	24 16	0 31	13 57	1 44	31 45	15 27	3 20	4 4	17 44		n.a.
W12	17 14	3n53	0s 9	22 44	0 10	15 0	1 21	24 38	0 52	3 31	1 31	12 57	1 42	24 16	0 30	13 57	1 44	31 45	15 27	3 20	4 3	17 43		n.a.
T 13	16 57	7 49	1 17	22 50	0s 2	14 34	1 21	24 38	0 53	3 31	1 31	12 58	1 42	24 16	0 30	13 58	1 44	31 44	15 27	3 20	4 1	17 42		n.a.
F 14	16 39	11 28	2 23	22 54	0 13	14 7	1 20	24 36	0 54	3 30	1 31	12 59	1 42	24 16	0 30	13 58	1 44	31 44	15 27	3 21	4 0	17 42		n.a.
S 15	16 21	14 37	3 23	22 58	0 23	13 40	1 19	24 35	0 55	3 29	1 31	13 1	1 41	24 16	0 30	13 58	1 44	31 43	15 27	3 21	3 59	17 41		n.a.
S 16	16 3	17 2	4 12	23 0	0 33	13 13	1 18	24 33	0 55	3 29	1 31	13 2	1 41	24 16	0 30	13 58	1 44	31 43	15 27	3 20	3 58	17 40		n.a.
M17	15 45	18 28	4 48	23 1	0 43	12 46	1 17	24 31	0 56	3 28	1 32	13 3	1 41	24 16	0 30	13 58	1 44	31 43	15 27	3 19	3 56	17 40		n.a.
T 18	15 27	18 43	5 6	23 0	0 52	12 18	1 16	24 29	0 57	3 27	1 32	13 4	1 40	24 16	0 30	13 58	1 44	31 42	15 27	3 17	3 55	17 39		n.a.
W19	15 8	17 42	5 3	22 59	1 1	11 50	1 14	24 26	0 57	3 26	1 32	13 6	1 40	24 16	0 30	13 58	1 44	31 42	15 27	3 14	3 54	17 38		n.a.
T 20	14 49	15 26	4 40	22 56	1 9	11 21	1 13	24 24	0 58	3 25	1 32	13 7	1 40	24 16	0 30	13 58	1 45	31 41	15 27	3 11	3 53	17 37		n.a.
F 21	14 30	12 7	3 58	22 51	1 17	10 52	1 12	24 20	0 59	3 24	1 32	13 8	1 40	24 16	0 30	13 58	1 45	31 41	15 27	3 9	3 51	17 37		n.a.
S 22	14 10	8 3	2 59	22 46	1 25	10 23	1 11	24 17	0 59	3 22	1 33	13 10	1 39	24 16	0 30	13 58	1 45	31 40	15 27	3 6	3 50	17 36		n.a.
S 23	13 51	3 34	1 50	22 38	1 32	9 54	1 9	24 13	1 0	3 21	1 33	13 11	1 39	24 16	0 30	13 58	1 45	31 40	15 27	3 5	3 49	17 35		n.a.
M24	13 31	1s 0	0 35	22 30	1 38	9 25	1 8	24 9	1 1	3 20	1 33	13 13	1 39	24 16	0 30	13 57	1 45	31 40	15 27	3 4	3 47	17 34		n.a.
T 25	13 11	5 22	0n40	22 19	1 44	8 55	1 6	24 5	1 1	3 18	1 33	13 14	1 39	24 16	0 30	13 57	1 45	31 39	15 27	3 4	3 46	17 34		n.a.
W26	12 50	9 19	1 50	22 8	1 50	8 25	1 5	24 1	1 2	3 17	1 33	13 16	1 38	24 16	0 30	13 57	1 45	31 39	15 27	3 5	3 45	17 33		n.a.
T 27	12 30	12 41	2 52	21 54	1 55	7 55	1 3	23 56	1 3	3 15	1 33	13 17	1 38	24 16	0 30	13 57	1 45	31 38	15 28	3 5	3 44	17 32		n.a.
F 28	12s 9	15s23	3n44	21s39	2s 0	7s24	1s 1	23s51	1s 3	3s14	1n34	13n19	1s38	24n16	0n30	13s57	1n45	31s38	15s28	3s 6	3s42	17s31		n.a.

Julian Day Number = 1301416.5, Delta T = 07h50m00s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'53, Lahiri = -19°49'53 Julian Calendar 1 Feb. 1150 BCE == Greg. Calendar 21 Jan. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

MARCH 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 13	29♒34'31	5♐54	4♒48	15♓ 3	17♉10	11°R32	9♉28	3°R57	11°R46	13♒55	7°R40	9♎ 9	18♉23	n.a.	S 1
S 2	9 54 10	0♓33'17	17°57	6°14	16°17	17°57	11♎28	9°33	3♋55	11♏46	13°56	7♎39	9° 6	18°30	n.a.	S 2
M 3	9 58 6	1°32'02	29°52	7°42	17°31	18°43	11°24	9°37	3°54	11°46	13°58	7°36	9° 3	18°37	n.a.	M 3
T 4	10 2 3	2°30'44	11♉43	9°12	18°45	19°29	11°19	9°42	3°53	11°46	13°59	7°31	9° 0	18°44	n.a.	T 4
W 5	10 5 59	3°29'25	23°35	10°43	19°59	20°15	11°15	9°46	3°52	11°45	14° 0	7°25	8°57	18°50	n.a.	W 5
T 6	10 9 56	4°28'03	5♒30	12°16	21°12	21° 2	11°10	9°51	3°51	11°45	14° 2	7°19	8°53	18°57	n.a.	T 6
F 7	10 13 53	5°26'40	17°30	13°51	22°26	21°48	11° 5	9°56	3°51	11°45	14° 3	7°13	8°50	19° 4	n.a.	F 7
S 8	10 17 49	6°25'15	29°38	15°27	23°40	22°34	11° 0	10° 1	3°50	11°44	14° 5	7° 8	8°47	19°11	n.a.	S 8
S 9	10 21 46	7°23'48	11♓55	17° 5	24°54	23°20	10°55	10° 5	3°49	11°44	14° 6	7° 5	8°44	19°17	n.a.	S 9
M10	10 25 42	8°22'18	24°22	18°45	26° 7	24° 6	10°50	10°10	3°48	11°43	14° 8	7° 3	8°41	19°24	n.a.	M10
T 11	10 29 39	9°20'47	7♈ 1	20°26	27°21	24°52	10°45	10°16	3°48	11°43	14° 9	7°D 2	8°37	19°31	n.a.	T 11
W12	10 33 35	10°19'13	19°51	22° 9	28°35	25°38	10°39	10°21	3°47	11°42	14°10	7° 2	8°34	19°37	n.a.	W12
T 13	10 37 32	11°17'37	2♉55	23°53	29°48	26°24	10°33	10°26	3°47	11°42	14°12	7° 4	8°31	19°44	n.a.	T 13
F 14	10 41 28	12°15'59	16°14	25°39	1♈ 2	27°11	10°27	10°31	3°46	11°41	14°13	7° 5	8°28	19°51	n.a.	F 14
S 15	10 45 25	13°14'19	29°48	27°27	2°15	27°57	10°21	10°37	3°46	11°40	14°15	7° 7	8°25	19°58	n.a.	S 15
S 16	10 49 21	14°12'37	13♊39	29°16	3°29	28°43	10°15	10°42	3°45	11°40	14°16	7°R 7	8°22	20° 4	n.a.	S 16
M17	10 53 18	15°10'52	27°47	1♓ 7	4°42	29°29	10° 9	10°48	3°45	11°39	14°17	7° 7	8°18	20°11	n.a.	M17
T 18	10 57 15	16° 9'05	12♋ 9	3° 0	5°56	0♒14	10° 3	10°53	3°45	11°38	14°19	7° 5	8°15	20°18	n.a.	T 18
W19	11 1 11	17° 7'16	26°43	4°54	7° 9	1° 0	9°57	10°59	3°44	11°38	14°20	7° 3	8°12	20°24	n.a.	W19
T 20	11 5 8	18° 5'25	11♌24	6°50	8°23	1°46	9°50	11° 5	3°44	11°37	14°21	7° 1	8° 9	20°31	n.a.	T 20
F 21	11 9 4	19° 3'32	26° 5	8°48	9°36	2°32	9°43	11°11	3°44	11°36	14°23	6°58	8° 6	20°38	n.a.	F 21
S 22	11 13 1	20° 1'36	10♍41	10°47	10°49	3°18	9°37	11°16	3°44	11°35	14°24	6°56	8° 2	20°45	n.a.	S 22
S 23	11 16 57	20°59'39	25° 3	12°48	12° 2	4° 4	9°30	11°22	3°D44	11°34	14°25	6°55	7°59	20°51	n.a.	S 23
M24	11 20 54	21°57'40	9♎ 7	14°50	13°16	4°50	9°23	11°28	3°44	11°34	14°27	6°D55	7°56	20°58	n.a.	M24
T 25	11 24 50	22°55'39	22°50	16°54	14°29	5°35	9°16	11°34	3°44	11°33	14°28	6°55	7°53	21° 5	n.a.	T 25
W26	11 28 47	23°53'37	6♏ 9	18°59	15°42	6°21	9° 9	11°41	3°44	11°32	14°29	6°56	7°50	21°12	n.a.	W26
T 27	11 32 44	24°51'33	19° 5	21° 5	16°55	7° 7	9° 2	11°47	3°44	11°31	14°30	6°57	7°47	21°18	n.a.	T 27
F 28	11 36 40	25°49'28	1♐42	23°13	18° 8	7°52	8°55	11°53	3°45	11°30	14°31	6°58	7°43	21°25	n.a.	F 28
S 29	11 40 37	26°47'21	14° 0	25°21	19°21	8°38	8°47	11°59	3°45	11°29	14°33	6°59	7°40	21°32	n.a.	S 29
S 30	11 44 33	27°45'13	26° 6	27°30	20°34	9°24	8°40	12° 6	3°45	11°28	14°34	6°R59	7°37	21°38	n.a.	S 30
M31	11 48 30	28♓43'04	8♉ 3	29♓40	21♈47	10♒ 9	8♎33	12♉12	3♋46	11♏27	14♒35	6♎59	7♎34	21♉45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s48	17s18	4n25	21s23	2s 4	6s54	0s59	23s46	1s 4	3s12	1n34	13n20	1s38	24n16	0n30	13s57	1n45	31s38	15s28	3s 6	3s41	17s31		n.a.
S 2	11 27	18 25	4 53	21 5	2 8	6 23	0 58	23 40	1 5	3 10	1 34	13 22	1 38	24 16	0 30	13 57	1 45	31 37	15 28	3 5	3 40	17 30		n.a.
M 3	11 6	18 42	5 8	20 45	2 11	5 52	0 56	23 35	1 5	3 8	1 34	13 24	1 37	24 16	0 30	13 57	1 45	31 37	15 28	3 4	3 39	17 29		n.a.
T 4	10 45	18 9	5 10	20 24	2 14	5 21	0 54	23 29	1 6	3 6	1 34	13 25	1 37	24 16	0 30	13 57	1 45	31 37	15 28	3 2	3 37	17 28		n.a.
W 5	10 23	16 50	4 59	20 0	2 16	4 50	0 52	23 22	1 7	3 5	1 34	13 27	1 37	24 16	0 30	13 57	1 45	31 36	15 28	2 59	3 36	17 28		n.a.
T 6	10 2	14 46	4 34	19 36	2 18	4 18	0 50	23 16	1 7	3 3	1 35	13 29	1 37	24 17	0 30	13 56	1 45	31 36	15 28	2 57	3 35	17 27		n.a.
F 7	9 40	12 4	3 58	19 9	2 19	3 47	0 48	23 9	1 8	3 0	1 35	13 30	1 36	24 17	0 30	13 56	1 45	31 36	15 28	2 55	3 33	17 26		n.a.
S 8	9 18	8 49	3 10	18 41	2 20	3 15	0 46	23 2	1 8	2 58	1 35	13 32	1 36	24 17	0 30	13 56	1 45	31 35	15 29	2 53	3 32	17 25		n.a.
S 9	8 56	5 9	2 13	18 11	2 20	2 44	0 44	22 55	1 9	2 56	1 35	13 34	1 36	24 17	0 30	13 56	1 45	31 35	15 29	2 51	3 31	17 25		n.a.
M10	8 34	1 13	1 9	17 40	2 20	2 12	0 42	22 47	1 10	2 54	1 35	13 36	1 36	24 17	0 30	13 56	1 45	31 35	15 29	2 50	3 30	17 24		n.a.
T 11	8 12	2n50	0 0	17 6	2 19	1 40	0 39	22 39	1 10	2 52	1 35	13 38	1 35	24 17	0 30	13 55	1 45	31 34	15 29	2 50	3 28	17 23		n.a.
W12	7 49	6 49	1s10	16 31	2 18	1 8	0 37	22 31	1 11	2 49	1 35	13 39	1 35	24 17	0 30	13 55	1 46	31 34	15 29	2 50	3 27	17 22		n.a.
T 13	7 27	10 32	2 17	15 54	2 16	0 37	0 35	22 23	1 12	2 47	1 35	13 41	1 35	24 17	0 30	13 55	1 46	31 34	15 29	2 51	3 26	17 21		n.a.
F 14	7 4	13 47	3 19	15 16	2 13	0 5	0 33	22 15	1 12	2 45	1 36	13 43	1 35	24 17	0 30	13 55	1 46	31 33	15 30	2 51	3 25	17 21		n.a.
S 15	6 41	16 21	4 11	14 36	2 11	0n27	0 30	22 6	1 13	2 42	1 36	13 45	1 35	24 17	0 30	13 55	1 46	31 33	15 30	2 52	3 23	17 20		n.a.
S 16	6 19	18 2	4 49	13 54	2 7	0 59	0 28	21 57	1 13	2 40	1 36	13 47	1 34	24 17	0 30	13 54	1 46	31 33	15 30	2 52	3 22	17 19		n.a.
M17	5 56	18 38	5 11	13 10	2 3	1 31	0 25	21 48	1 14	2 37	1 36	13 49	1 34	24 17	0 30	13 54	1 46	31 33	15 30	2 52	3 21	17 18		n.a.
T 18	5 33	18 4	5 14	12 24	1 59	2 3	0 23	21 38	1 14	2 35	1 36	13 51	1 34	24 17	0 30	13 54	1 46	31 32	15 30	2 51	3 19	17 17		n.a.
W19	5 10	16 18	4 57	11 37	1 53	2 34	0 21	21 29	1 15	2 32	1 36	13 53	1 34	24 16	0 30	13 54	1 46	31 32	15 31	2 51	3 18	17 17		n.a.
T 20	4 47	13 29	4 20	10 48	1 48	3 6	0 18	21 19	1 16	2 29	1 36	13 55	1 33	24 16	0 30	13 53	1 46	31 32	15 31	2 50	3 17	17 16		n.a.
F 21	4 24	9 47	3 27	9 58	1 42	3 38	0 15	21 9	1 16	2 27	1 36	13 57	1 33	24 16	0 30	13 53	1 46	31 32	15 31	2 49	3 16	17 15		n.a.
S 22	4 1	5 32	2 20	9 6	1 35	4 9	0 13	20 59	1 17	2 24	1 36	13 59	1 33	24 16	0 30	13 53	1 46	31 32	15 31	2 48	3 14	17 14		n.a.
S 23	3 38	1 0	1 5	8 13	1 28	4 41	0 10	20 48	1 17	2 21	1 36	14 1	1 33	24 16	0 30	13 52	1 46	31 31	15 31	2 47	3 13	17 13		n.a.
M24	3 14	3s29	0n12	7 18	1 20	5 12	0 8	20 37	1 18	2 18	1 36	14 3	1 33	24 16	0 30	13 52	1 46	31 31	15 32	2 47	3 12	17 13		n.a.
T 25	2 51	7 41	1 27	6 21	1 12	5 43	0 5	20 27	1 18	2 16	1 36	14 5	1 32	24 16	0 30	13 52	1 46	31 31	15 32	2 48	3 11	17 12		n.a.
W26	2 28	11 21	2 35	5 24	1 3	6 14	0 3	20 15	1 19	2 13	1 36	14 7	1 32	24 16	0 30	13 51	1 46	31 31	15 32	2 48	3 9	17 11		n.a.
T 27	2 4	14 22	3 33	4 25	0 54	6 45	0n 0	20 4	1 19	2 10	1 36	14 9	1 32	24 16	0 30	13 51	1 46	31 31	15 32	2 48	3 8	17 10		n.a.
F 28	1 41	16 37	4 19	3 25	0 45	7 16	0 3	19 53	1 20	2 7	1 36	14 12	1 32	24 16	0 30	13 51	1 46	31 30	15 33	2 49	3 7	17 9		n.a.
S 29	1 18	18 2	4 52	2 24	0 35	7 47	0 5	19 41	1 20	2 4	1 36	14 14	1 32	24 16	0 30	13 50	1 46	31 30	15 33	2 49	3 5	17 8		n.a.
S 30	0 54	18 35	5 11	1 23	0 25	8 17	0 8	19 29	1 21	2 1	1 36	14 16	1 32	24 16	0 30	13 50	1 46	31 30	15 33	2 49	3 4	17 8		n.a.
M31	0s31	18s19	5n17	0s21	0s14	8n48	0n11	19s17	1s21	1s58	1n36	14n18	1s31	24n16	0n30	13s50	1n46	31s30	15s33	2s49	3s 3	17s 7		n.a.

Julian Day Number = 1301444.5, Delta T = 07h49m59s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'49, Lahiri = -19°49'49 Julian Calendar 1 March 1150 BCE == Greg. Calendar 18 Feb. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

APRIL 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 26	29♓40'53	19♉56	1♈50	23♈ 0	10♒55	8°R25	12♉19	3♋46	11°R26	14♒36	6°R59	7♎31	21♉52	n.a.	T 1
W 2	11 56 23	0♈38'41	1♒49	4° 0	24°13	11°40	8♎18	12°25	3°47	11♏24	14°37	6♎58	7°28	21°59	n.a.	W 2
T 3	12 0 19	1°36'27	13°46	6°10	25°26	12°26	8°10	12°32	3°47	11°23	14°38	6°57	7°24	22° 5	n.a.	T 3
F 4	12 4 16	2°34'12	25°51	8°20	26°39	13°11	8° 3	12°38	3°48	11°22	14°40	6°57	7°21	22°12	n.a.	F 4
S 5	12 8 12	3°31'56	8♓ 8	10°28	27°52	13°56	7°55	12°45	3°49	11°21	14°41	6°56	7°18	22°19	n.a.	S 5
S 6	12 12 9	4°29'38	20°37	12°36	29° 5	14°42	7°47	12°52	3°49	11°20	14°42	6°56	7°15	22°25	n.a.	S 6
M 7	12 16 6	5°27'19	3♈20	14°42	0♉17	15°27	7°40	12°59	3°50	11°19	14°43	6°D56	7°12	22°32	n.a.	M 7
T 8	12 20 2	6°24'58	16°19	16°47	1°30	16°12	7°32	13° 6	3°51	11°17	14°44	6°R56	7° 8	22°39	n.a.	T 8
W 9	12 23 59	7°22'36	29°32	18°50	2°43	16°58	7°25	13°12	3°52	11°16	14°45	6°56	7° 5	22°46	n.a.	W 9
T 10	12 27 55	8°20'13	12♉59	20°51	3°55	17°43	7°17	13°19	3°53	11°15	14°46	6°56	7° 2	22°52	n.a.	T 10
F 11	12 31 52	9°17'47	26°40	22°49	5° 8	18°28	7° 9	13°26	3°54	11°14	14°47	6°56	6°59	22°59	n.a.	F 11
S 12	12 35 48	10°15'21	10♊31	24°45	6°21	19°13	7° 2	13°33	3°55	11°12	14°48	6°55	6°56	23° 6	n.a.	S 12
S 13	12 39 45	11°12'53	24°32	26°39	7°33	19°58	6°54	13°40	3°56	11°11	14°49	6°55	6°53	23°12	n.a.	S 13
M14	12 43 41	12°10'23	8♋41	28°30	8°46	20°43	6°46	13°48	3°57	11°10	14°50	6°D55	6°49	23°19	n.a.	M14
T 15	12 47 38	13° 7'52	22°56	0♌18	9°58	21°28	6°39	13°55	3°58	11° 8	14°51	6°55	6°46	23°26	n.a.	T 15
W16	12 51 35	14° 5'19	7♌13	2° 3	11°11	22°13	6°31	14° 2	4° 0	11° 7	14°52	6°55	6°43	23°33	n.a.	W16
T 17	12 55 31	15° 2'44	21°30	3°46	12°23	22°57	6°24	14° 9	4° 1	11° 5	14°52	6°56	6°40	23°39	n.a.	T 17
F 18	12 59 28	16° 0'09	5♍44	5°25	13°35	23°42	6°16	14°16	4° 2	11° 4	14°53	6°57	6°37	23°46	n.a.	F 18
S 19	13 3 24	16°57'31	19°51	7° 1	14°48	24°27	6° 9	14°24	4° 4	11° 3	14°54	6°57	6°33	23°53	n.a.	S 19
S 20	13 7 21	17°54'53	3♎48	8°34	16° 0	25°12	6° 2	14°31	4° 5	11° 1	14°55	6°R58	6°30	23°59	n.a.	S 20
M21	13 11 17	18°52'13	17°32	10° 4	17°12	25°56	5°54	14°38	4° 7	11° 0	14°56	6°58	6°27	24° 6	n.a.	M21
T 22	13 15 14	19°49'32	0♏59	11°31	18°24	26°41	5°47	14°46	4° 8	10°58	14°56	6°57	6°24	24°13	n.a.	T 22
W23	13 19 10	20°46'51	14° 9	12°55	19°36	27°25	5°40	14°53	4°10	10°57	14°57	6°55	6°21	24°20	n.a.	W23
T 24	13 23 7	21°44'08	27° 1	14°16	20°48	28°10	5°33	15° 1	4°11	10°55	14°58	6°54	6°18	24°26	n.a.	T 24
F 25	13 27 4	22°41'25	9♐36	15°33	22° 0	28°54	5°26	15° 8	4°13	10°54	14°59	6°51	6°14	24°33	n.a.	F 25
S 26	13 31 0	23°38'41	21°55	16°47	23°12	29°38	5°19	15°16	4°15	10°52	14°59	6°49	6°11	24°40	n.a.	S 26
S 27	13 34 57	24°35'56	4♑ 2	17°57	24°24	0♓23	5°12	15°23	4°17	10°51	15° 0	6°47	6° 8	24°46	n.a.	S 27
M28	13 38 53	25°33'11	15°59	19° 5	25°36	1° 7	5° 5	15°31	4°18	10°49	15° 1	6°46	6° 5	24°53	n.a.	M28
T 29	13 42 50	26°30'25	27°53	20° 8	26°48	1°51	4°58	15°38	4°20	10°48	15° 1	6°D46	6° 2	25° 0	n.a.	T 29
W30	13 46 46	27♈27'39	9♒46	21♉ 8	28♉ 0	2♓35	4♎52	15♉46	4♋22	10♏46	15♒ 2	6♎46	5♎59	25♑ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 8	17s14	5n 9	0n41	0s 4	9n18	0n14	19s 5	1s22	1s55	1n36	14n20	1s31	24n16	0n30	13s49	1n46	31s30	15s34	2s49	3s 2	17s 6		n.a.
W 2	0n16	15 24	4 48	1 43	0n 7	9 48	0 16	18 53	1 22	1 52	1 36	14 22	1 31	24 16	0 30	13 49	1 46	31 30	15 34	2 49	3 0	17 5		n.a.
T 3	0 39	12 55	4 14	2 45	0 17	10 17	0 19	18 40	1 23	1 49	1 36	14 25	1 31	24 16	0 30	13 49	1 46	31 30	15 34	2 48	2 59	17 4		n.a.
F 4	1 2	9 50	3 29	3 47	0 28	10 47	0 22	18 27	1 23	1 46	1 36	14 27	1 31	24 16	0 30	13 48	1 46	31 30	15 34	2 48	2 58	17 3		n.a.
S 5	1 26	6 18	2 33	4 48	0 39	11 16	0 24	18 15	1 24	1 43	1 36	14 29	1 30	24 16	0 30	13 48	1 46	31 30	15 35	2 48	2 57	17 3		n.a.
S 6	1 49	2 25	1 29	5 48	0 49	11 45	0 27	18 2	1 24	1 40	1 36	14 31	1 30	24 16	0 30	13 47	1 47	31 29	15 35	2 48	2 55	17 2		n.a.
M 7	2 12	1n39	0 20	6 48	0 59	12 13	0 30	17 48	1 24	1 37	1 36	14 33	1 30	24 16	0 30	13 47	1 47	31 29	15 35	2 48	2 54	17 1		n.a.
T 8	2 35	5 43	0s52	7 45	1 9	12 42	0 33	17 35	1 25	1 34	1 36	14 36	1 30	24 16	0 30	13 47	1 47	31 29	15 35	2 48	2 53	17 0		n.a.
W 9	2 58	9 35	2 2	8 42	1 18	13 10	0 35	17 22	1 25	1 31	1 36	14 38	1 30	24 16	0 30	13 46	1 47	31 29	15 36	2 48	2 51	16 59		n.a.
T 10	3 21	13 1	3 7	9 37	1 27	13 37	0 38	17 8	1 26	1 28	1 36	14 40	1 30	24 16	0 30	13 46	1 47	31 29	15 36	2 48	2 50	16 58		n.a.
F 11	3 45	15 48	4 2	10 30	1 36	14 5	0 41	16 54	1 26	1 25	1 36	14 42	1 29	24 16	0 30	13 45	1 47	31 29	15 36	2 48	2 49	16 57		n.a.
S 12	4 7	17 42	4 44	11 21	1 44	14 32	0 43	16 40	1 27	1 22	1 36	14 45	1 29	24 16	0 30	13 45	1 47	31 29	15 37	2 48	2 48	16 57		n.a.
S 13	4 30	18 33	5 10	12 10	1 51	14 59	0 46	16 26	1 27	1 19	1 36	14 47	1 29	24 16	0 30	13 44	1 47	31 29	15 37	2 47	2 46	16 56		n.a.
M14	4 53	18 16	5 17	12 57	1 58	15 25	0 49	16 12	1 27	1 16	1 36	14 49	1 29	24 16	0 29	13 44	1 47	31 29	15 37	2 47	2 45	16 55		n.a.
T 15	5 16	16 50	5 5	13 41	2 4	15 51	0 51	15 58	1 28	1 13	1 36	14 52	1 29	24 16	0 29	13 43	1 47	31 29	15 38	2 47	2 44	16 54		n.a.
W16	5 39	14 21	4 34	14 24	2 9	16 17	0 54	15 43	1 28	1 10	1 35	14 54	1 29	24 16	0 29	13 43	1 47	31 29	15 38	2 48	2 43	16 53		n.a.
T 17	6 1	11 0	3 46	15 4	2 14	16 42	0 56	15 29	1 28	1 8	1 35	14 56	1 29	24 15	0 29	13 43	1 47	31 29	15 38	2 48	2 41	16 52		n.a.
F 18	6 24	7 1	2 45	15 42	2 18	17 6	0 59	15 14	1 29	1 5	1 35	14 59	1 28	24 15	0 29	13 42	1 47	31 29	15 39	2 48	2 40	16 51		n.a.
S 19	6 46	2 39	1 33	16 18	2 21	17 31	1 1	14 59	1 29	1 2	1 35	15 1	1 28	24 15	0 29	13 42	1 47	31 29	15 39	2 48	2 39	16 50		n.a.
S 20	7 8	1s48	0 17	16 51	2 23	17 55	1 4	14 44	1 29	0 59	1 35	15 3	1 28	24 15	0 29	13 41	1 47	31 29	15 39	2 48	2 37	16 50		n.a.
M21	7 30	6 6	0n58	17 22	2 25	18 18	1 6	14 29	1 30	0 56	1 35	15 6	1 28	24 15	0 29	13 41	1 47	31 29	15 40	2 48	2 36	16 49		n.a.
T 22	7 53	10 0	2 9	17 51	2 26	18 41	1 9	14 14	1 30	0 53	1 35	15 8	1 28	24 15	0 29	13 40	1 47	31 29	15 40	2 48	2 35	16 48		n.a.
W23	8 14	13 18	3 11	18 17	2 26	19 4	1 11	13 59	1 30	0 51	1 34	15 10	1 28	24 15	0 29	13 40	1 47	31 29	15 40	2 47	2 34	16 47		n.a.
T 24	8 36	15 53	4 3	18 41	2 25	19 26	1 13	13 43	1 31	0 48	1 34	15 13	1 28	24 15	0 29	13 39	1 47	31 30	15 41	2 47	2 32	16 46		n.a.
F 25	8 58	17 38	4 41	19 3	2 24	19 47	1 16	13 28	1 31	0 45	1 34	15 15	1 27	24 15	0 29	13 39	1 47	31 30	15 41	2 46	2 31	16 45		n.a.
S 26	9 19	18 30	5 5	19 23	2 22	20 8	1 18	13 12	1 31	0 43	1 34	15 17	1 27	24 15	0 29	13 38	1 47	31 30	15 41	2 45	2 30	16 44		n.a.
S 27	9 41	18 31	5 15	19 40	2 18	20 28	1 20	12 57	1 32	0 40	1 34	15 20	1 27	24 15	0 29	13 38	1 47	31 30	15 42	2 44	2 28	16 43		n.a.
M28	10 2	17 42	5 11	19 56	2 15	20 48	1 23	12 41	1 32	0 37	1 34	15 22	1 27	24 15	0 29	13 37	1 47	31 30	15 42	2 44	2 27	16 42		n.a.
T 29	10 23	16 7	4 54	20 9	2 10	21 8	1 25	12 25	1 32	0 35	1 33	15 24	1 27	24 15	0 29	13 37	1 47	31 30	15 42	2 44	2 26	16 42		n.a.
W30	10n44	13s50	4n25	20n20	2n 4	21n27	1n27	12s 9	1s32	0s32	1n33	15n27	1s27	24n15	0n29	13s36	1n47	31s30	15s43	2s44	2s25	16s41		n.a.

Julian Day Number = 1301475.5, Delta T = 07h49m57s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'45, Lahiri = -19°49'45 Julian Calendar 1 Apr. 1150 BCE == Greg. Calendar 21 March 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

MAY 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 43	28♈24'52	21♒45	22♉ 5	29♉11	3♓19	4°R45	15♉54	4♋24	10°R45	15♒ 3	6♎48	5♎55	25♑13	n.a.	T 1
F 2	13 54 39	29°22'04	3♓53	22°58	0♊23	4° 3	4♎39	16° 1	4°26	10♏43	15° 3	6°49	5°52	25°20	n.a.	F 2
S 3	13 58 36	0♉19'16	16°14	23°47	1°35	4°47	4°33	16° 9	4°28	10°41	15° 4	6°51	5°49	25°27	n.a.	S 3
S 4	14 2 33	1°16'28	28°52	24°32	2°46	5°31	4°27	16°17	4°30	10°40	15° 4	6°52	5°46	25°33	n.a.	S 4
M 5	14 6 29	2°13'39	11♈49	25°13	3°58	6°15	4°20	16°25	4°32	10°38	15° 5	6°R52	5°43	25°40	n.a.	M 5
T 6	14 10 26	3°10'50	25° 6	25°50	5° 9	6°58	4°15	16°32	4°35	10°37	15° 5	6°51	5°39	25°47	n.a.	T 6
W 7	14 14 22	4° 8'00	8♉43	26°23	6°21	7°42	4° 9	16°40	4°37	10°35	15° 6	6°48	5°36	25°54	n.a.	W 7
T 8	14 18 19	5° 5'09	22°37	26°52	7°32	8°26	4° 3	16°48	4°39	10°33	15° 6	6°45	5°33	26° 0	n.a.	T 8
F 9	14 22 15	6° 2'18	6♊44	27°17	8°44	9° 9	3°58	16°56	4°41	10°32	15° 7	6°41	5°30	26° 7	n.a.	F 9
S 10	14 26 12	6°59'26	21° 1	27°37	9°55	9°53	3°52	17° 3	4°44	10°30	15° 7	6°37	5°27	26°14	n.a.	S 10
S 11	14 30 8	7°56'34	5♋22	27°52	11° 6	10°36	3°47	17°11	4°46	10°29	15° 7	6°33	5°24	26°21	n.a.	S 11
M12	14 34 5	8°53'41	19°43	28° 3	12°18	11°19	3°42	17°19	4°49	10°27	15° 8	6°30	5°20	26°27	n.a.	M12
T 13	14 38 2	9°50'48	4♌ 0	28°10	13°29	12° 2	3°37	17°27	4°51	10°25	15° 8	6°D29	5°17	26°34	n.a.	T 13
W14	14 41 58	10°47'53	18°10	28°R11	14°40	12°46	3°32	17°35	4°54	10°24	15° 8	6°29	5°14	26°41	n.a.	W14
T 15	14 45 55	11°44'58	2♍12	28° 9	15°51	13°29	3°27	17°43	4°56	10°22	15° 9	6°30	5°11	26°47	n.a.	T 15
F 16	14 49 51	12°42'03	16° 4	28° 2	17° 2	14°12	3°23	17°51	4°59	10°20	15° 9	6°32	5° 8	26°54	n.a.	F 16
S 17	14 53 48	13°39'07	29°46	27°50	18°13	14°54	3°18	17°58	5° 1	10°19	15° 9	6°R33	5° 5	27° 1	n.a.	S 17
S 18	14 57 44	14°36'10	13♎17	27°34	19°24	15°37	3°14	18° 6	5° 4	10°17	15° 9	6°33	5° 1	27° 8	n.a.	S 18
M19	15 1 41	15°33'13	26°36	27°15	20°34	16°20	3°10	18°14	5° 7	10°16	15°10	6°31	4°58	27°14	n.a.	M19
T 20	15 5 37	16°30'16	9♏43	26°51	21°45	17° 3	3° 6	18°22	5°10	10°14	15°10	6°28	4°55	27°21	n.a.	T 20
W21	15 9 34	17°27'19	22°37	26°25	22°56	17°45	3° 3	18°30	5°12	10°12	15°10	6°22	4°52	27°28	n.a.	W21
T 22	15 13 31	18°24'22	5♐17	25°55	24° 6	18°28	2°59	18°38	5°15	10°11	15°10	6°16	4°49	27°34	n.a.	T 22
F 23	15 17 27	19°21'25	17°44	25°23	25°17	19°10	2°56	18°46	5°18	10° 9	15°10	6° 8	4°45	27°41	n.a.	F 23
S 24	15 21 24	20°18'28	29°58	24°49	26°27	19°53	2°52	18°54	5°21	10° 8	15°10	6° 1	4°42	27°48	n.a.	S 24
S 25	15 25 20	21°15'32	12♑ 3	24°13	27°38	20°35	2°49	19° 2	5°24	10° 6	15°10	5°54	4°39	27°54	n.a.	S 25
M26	15 29 17	22°12'35	23°59	23°37	28°48	21°17	2°46	19° 9	5°27	10° 4	15°10	5°48	4°36	28° 1	n.a.	M26
T 27	15 33 13	23° 9'39	5♒51	23° 0	29°58	21°59	2°44	19°17	5°30	10° 3	15°R10	5°45	4°33	28° 8	n.a.	T 27
W28	15 37 10	24° 6'43	17°44	22°24	1♋ 9	22°41	2°41	19°25	5°33	10° 1	15°10	5°43	4°30	28°15	n.a.	W28
T 29	15 41 7	25° 3'48	29°41	21°49	2°19	23°23	2°39	19°33	5°36	10° 0	15°10	5°D43	4°26	28°21	n.a.	T 29
F 30	15 45 3	26° 0'53	11♓48	21°15	3°29	24° 5	2°37	19°41	5°39	9°58	15°10	5°44	4°23	28°28	n.a.	F 30
S 31	15 49 0	26♉57'59	24♓10	20♉44	4♋39	24♓47	2♎35	19♉49	5♋42	9♏57	15♒10	5♎45	4♎20	28♑35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n 5	10s58	3n43	20n29	1n58	21n45	1n29	11s53	1s33	0s30	1n33	15n29	1s27	24n14	0n29	13s36	1n47	31s30	15s43	2s44	2s23	16s40			n.a.
F 2	11 26	7 35	2 52	20 36	1 51	22 3	1 31	11 37	1 33	0 28	1 33	15 31	1 27	24 14	0 29	13 35	1 47	31 30	15 43	2 45	2 22	16 39			n.a.
S 3	11 46	3 49	1 51	20 41	1 43	22 20	1 33	11 21	1 33	0 25	1 33	15 34	1 26	24 14	0 29	13 35	1 47	31 31	15 44	2 46	2 21	16 38			n.a.
S 4	12 6	0n13	0 44	20 44	1 34	22 36	1 35	11 5	1 33	0 23	1 32	15 36	1 26	24 14	0 29	13 34	1 47	31 31	15 44	2 46	2 20	16 37			n.a.
M 5	12 27	4 20	0s27	20 45	1 24	22 52	1 37	10 49	1 33	0 21	1 32	15 38	1 26	24 14	0 29	13 34	1 47	31 31	15 44	2 46	2 18	16 36			n.a.
T 6	12 46	8 21	1 38	20 44	1 14	23 7	1 38	10 32	1 34	0 19	1 32	15 41	1 26	24 14	0 29	13 33	1 47	31 31	15 45	2 46	2 17	16 35			n.a.
W 7	13 6	12 1	2 46	20 41	1 3	23 22	1 40	10 16	1 34	0 16	1 32	15 43	1 26	24 14	0 29	13 33	1 47	31 31	15 45	2 45	2 16	16 34			n.a.
T 8	13 26	15 6	3 45	20 36	0 51	23 36	1 42	10 0	1 34	0 14	1 31	15 45	1 26	24 14	0 29	13 32	1 47	31 32	15 46	2 43	2 14	16 33			n.a.
F 9	13 45	17 20	4 31	20 30	0 39	23 49	1 43	9 43	1 34	0 12	1 31	15 48	1 26	24 14	0 29	13 32	1 47	31 32	15 46	2 42	2 13	16 32			n.a.
S 10	14 4	18 31	5 1	20 22	0 26	24 2	1 45	9 27	1 34	0 10	1 31	15 50	1 26	24 14	0 29	13 31	1 47	31 32	15 46	2 40	2 12	16 31			n.a.
S 11	14 23	18 31	5 12	20 12	0 12	24 14	1 46	9 10	1 35	0 9	1 31	15 52	1 26	24 14	0 29	13 31	1 47	31 32	15 47	2 38	2 11	16 30			n.a.
M12	14 42	17 20	5 4	20 0	0s 3	24 25	1 48	8 53	1 35	0 7	1 30	15 55	1 26	24 13	0 29	13 30	1 47	31 32	15 47	2 37	2 9	16 29			n.a.
T 13	15 0	15 5	4 37	19 47	0 18	24 36	1 49	8 37	1 35	0 5	1 30	15 57	1 25	24 13	0 29	13 30	1 47	31 33	15 47	2 37	2 8	16 29			n.a.
W14	15 18	11 56	3 54	19 33	0 33	24 45	1 50	8 20	1 35	0 3	1 30	15 59	1 25	24 13	0 29	13 29	1 47	31 33	15 48	2 37	2 7	16 28			n.a.
T 15	15 36	8 7	2 56	19 17	0 49	24 55	1 52	8 3	1 35	0 2	1 30	16 2	1 25	24 13	0 29	13 29	1 47	31 33	15 48	2 37	2 5	16 27			n.a.
F 16	15 54	3 54	1 49	18 59	1 5	25 3	1 53	7 47	1 35	0 0	1 29	16 4	1 25	24 13	0 29	13 28	1 47	31 33	15 49	2 38	2 4	16 26			n.a.
S 17	16 12	0s28	0 37	18 41	1 21	25 11	1 54	7 30	1 35	0n 1	1 29	16 6	1 25	24 13	0 29	13 28	1 47	31 34	15 49	2 38	2 3	16 25			n.a.
S 18	16 29	4 46	0n37	18 21	1 38	25 18	1 55	7 13	1 35	0 3	1 29	16 9	1 25	24 13	0 29	13 27	1 47	31 34	15 49	2 38	2 2	16 24			n.a.
M19	16 46	8 46	1 47	18 1	1 54	25 25	1 56	6 56	1 36	0 4	1 29	16 11	1 25	24 13	0 29	13 27	1 47	31 34	15 50	2 38	2 0	16 23			n.a.
T 20	17 3	12 16	2 50	17 40	2 10	25 30	1 56	6 40	1 36	0 6	1 28	16 13	1 25	24 13	0 29	13 26	1 47	31 35	15 50	2 36	1 59	16 22			n.a.
W21	17 19	15 7	3 44	17 18	2 26	25 35	1 57	6 23	1 36	0 7	1 28	16 15	1 25	24 12	0 29	13 26	1 47	31 35	15 50	2 34	1 58	16 21			n.a.
T 22	17 35	17 11	4 25	16 56	2 41	25 39	1 58	6 6	1 36	0 8	1 28	16 18	1 25	24 12	0 29	13 25	1 47	31 35	15 51	2 31	1 56	16 20			n.a.
F 23	17 51	18 24	4 53	16 34	2 56	25 43	1 58	5 49	1 36	0 9	1 27	16 20	1 25	24 12	0 29	13 25	1 47	31 36	15 51	2 28	1 55	16 19			n.a.
S 24	18 7	18 43	5 7	16 13	3 10	25 46	1 59	5 32	1 36	0 10	1 27	16 22	1 25	24 12	0 29	13 24	1 47	31 36	15 52	2 25	1 54	16 18			n.a.
S 25	18 22	18 11	5 7	15 51	3 23	25 48	1 59	5 15	1 36	0 11	1 27	16 24	1 24	24 12	0 29	13 24	1 47	31 36	15 52	2 23	1 53	16 17			n.a.
M26	18 37	16 51	4 53	15 31	3 35	25 49	2 0	4 58	1 36	0 12	1 27	16 27	1 24	24 12	0 29	13 23	1 47	31 37	15 52	2 21	1 51	16 16			n.a.
T 27	18 52	14 48	4 27	15 11	3 46	25 50	2 0	4 42	1 36	0 13	1 26	16 29	1 24	24 12	0 29	13 23	1 47	31 37	15 53	2 19	1 50	16 15			n.a.
W28	19 6	12 8	3 50	14 53	3 55	25 49	2 0	4 25	1 36	0 14	1 26	16 31	1 24	24 11	0 29	13 22	1 47	31 37	15 53	2 18	1 49	16 14			n.a.
T 29	19 20	8 56	3 2	14 36	4 3	25 48	2 0	4 8	1 36	0 14	1 26	16 33	1 24	24 11	0 29	13 22	1 47	31 38	15 53	2 18	1 48	16 13			n.a.
F 30	19 34	5 19	2 5	14 21	4 10	25 47	2 0	3 51	1 36	0 15	1 25	16 36	1 24	24 11	0 29	13 21	1 47	31 38	15 54	2 19	1 46	16 12			n.a.
S 31	19n48	1s24	1n 2	14n 8	4s15	25n44	2n 0	3s34	1s36	0n15	1n25	16n38	1s24	24n11	0n29	13s21	1n47	31s38	15s54	2s19	1s45	16s11			n.a.

Julian Day Number = 1301505.5, Delta T = 07h49m55s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'41, Lahiri = -19°49'41 Julian Calendar 1 May 1150 BCE == Greg. Calendar 20 Apr. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

JUNE 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 56	27♉55'05	6♈51	20°R16	5♋49	25♓28	2°R33	19♉57	5♋45	9°R55	15°R10	5°R45	4♎17	28♑41	n.a.	S 1
M 2	15 56 53	28°52'12	19°56	19♉50	6°59	26°10	2♎31	20° 4	5°48	9♏54	15♒10	5♎44	4°14	28°48	n.a.	M 2
T 3	16 0 49	29°49'19	3♉25	19°29	8° 8	26°52	2°30	20°12	5°51	9°52	15°10	5°41	4°10	28°55	n.a.	T 3
W 4	16 4 46	0♊46'27	17°19	19°12	9°18	27°33	2°28	20°20	5°54	9°51	15°10	5°36	4° 7	29° 2	n.a.	W 4
T 5	16 8 42	1°43'35	1♊35	18°59	10°28	28°14	2°27	20°28	5°58	9°49	15° 9	5°29	4° 4	29° 8	n.a.	T 5
F 6	16 12 39	2°40'44	16° 9	18°51	11°37	28°55	2°26	20°36	6° 1	9°48	15° 9	5°21	4° 1	29°15	n.a.	F 6
S 7	16 16 36	3°37'53	0♋52	18°D48	12°47	29°37	2°26	20°44	6° 4	9°46	15° 9	5°12	3°58	29°22	n.a.	S 7
S 8	16 20 32	4°35'03	15°38	18°51	13°56	0♈18	2°25	20°51	6° 8	9°45	15° 9	5° 4	3°55	29°28	n.a.	S 8
M 9	16 24 29	5°32'13	0♌18	18°58	15° 5	0°58	2°25	20°59	6°11	9°43	15° 8	4°58	3°51	29°35	n.a.	M 9
T 10	16 28 25	6°29'23	14°47	19°12	16°15	1°39	2°D25	21° 7	6°14	9°42	15° 8	4°54	3°48	29°42	n.a.	T 10
W11	16 32 22	7°26'33	29° 1	19°30	17°24	2°20	2°25	21°14	6°18	9°41	15° 8	4°52	3°45	29°49	n.a.	W11
T 12	16 36 18	8°23'44	12♍58	19°55	18°33	3° 0	2°25	21°22	6°21	9°39	15° 8	4°D52	3°42	29°55	n.a.	T 12
F 13	16 40 15	9°20'55	26°39	20°25	19°42	3°41	2°25	21°30	6°24	9°38	15° 7	4°52	3°39	0♒ 2	n.a.	F 13
S 14	16 44 12	10°18'07	10♎ 4	21° 0	20°50	4°21	2°26	21°37	6°28	9°37	15° 7	4°R52	3°36	0° 9	n.a.	S 14
S 15	16 48 8	11°15'19	23°14	21°41	21°59	5° 2	2°26	21°45	6°31	9°35	15° 6	4°51	3°32	0°15	n.a.	S 15
M16	16 52 5	12°12'32	6♏12	22°28	23° 8	5°42	2°27	21°53	6°35	9°34	15° 6	4°47	3°29	0°22	n.a.	M16
T 17	16 56 1	13° 9'45	18°59	23°20	24°16	6°22	2°29	22° 0	6°38	9°33	15° 5	4°41	3°26	0°29	n.a.	T 17
W18	16 59 58	14° 6'59	1♐35	24°18	25°24	7° 2	2°30	22° 8	6°42	9°31	15° 5	4°32	3°23	0°36	n.a.	W18
T 19	17 3 54	15° 4'14	14° 0	25°20	26°33	7°41	2°31	22°15	6°45	9°30	15° 5	4°21	3°20	0°42	n.a.	T 19
F 20	17 7 51	16° 1'30	26°16	26°29	27°41	8°21	2°33	22°23	6°49	9°29	15° 4	4° 8	3°16	0°49	n.a.	F 20
S 21	17 11 47	16°58'47	8♑23	27°42	28°49	9° 1	2°35	22°30	6°52	9°28	15° 3	3°56	3°13	0°56	n.a.	S 21
S 22	17 15 44	17°56'05	20°23	29° 0	29°57	9°40	2°37	22°38	6°56	9°27	15° 3	3°44	3°10	1° 2	n.a.	S 22
M23	17 19 41	18°53'24	2♒16	0♊23	1♌ 5	10°20	2°39	22°45	7° 0	9°25	15° 2	3°34	3° 7	1° 9	n.a.	M23
T 24	17 23 37	19°50'44	14° 6	1°51	2°12	10°59	2°41	22°52	7° 3	9°24	15° 2	3°27	3° 4	1°16	n.a.	T 24
W25	17 27 34	20°48'05	25°57	3°23	3°20	11°38	2°44	23° 0	7° 7	9°23	15° 1	3°22	3° 1	1°23	n.a.	W25
T 26	17 31 30	21°45'28	7♓52	4°59	4°27	12°17	2°46	23° 7	7°11	9°22	15° 1	3°20	2°57	1°29	n.a.	T 26
F 27	17 35 27	22°42'52	19°57	6°40	5°34	12°56	2°49	23°14	7°14	9°21	15° 0	3°D19	2°54	1°36	n.a.	F 27
S 28	17 39 23	23°40'18	2♈17	8°24	6°42	13°35	2°52	23°21	7°18	9°20	14°59	3°R19	2°51	1°43	n.a.	S 28
S 29	17 43 20	24°37'45	14°56	10°11	7°49	14°13	2°55	23°28	7°21	9°19	14°59	3°19	2°48	1°49	n.a.	S 29
M30	17 47 16	25♊35'13	28♈ 0	12♊ 2	8♌55	14♈52	2♎59	23♉36	7♋25	9♏18	14♒58	3♎17	2♎45	1♒56	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 1	2n40	0s 6	13n56	4s19	25n41	2n 0	3s17	1s36	0n16	1n25	16n40	1s24	24n11	0n29	13s20	1n47	31s39	15s55	2s19	1s44	16s10		n.a.
M 2	20 14	6 45	1 15	13 48	4 21	25 38	1 59	3 1	1 36	0 16	1 25	16 42	1 24	24 11	0 29	13 20	1 47	31 39	15 55	2 19	1 42	16 9		n.a.
T 3	20 26	10 37	2 23	13 41	4 22	25 33	1 59	2 44	1 36	0 17	1 24	16 44	1 24	24 11	0 29	13 20	1 47	31 40	15 55	2 18	1 41	16 8		n.a.
W 4	20 39	14 1	3 24	13 37	4 21	25 28	1 58	2 27	1 36	0 17	1 24	16 46	1 24	24 10	0 29	13 19	1 47	31 40	15 56	2 16	1 40	16 7		n.a.
T 5	20 51	16 41	4 13	13 36	4 19	25 22	1 58	2 10	1 36	0 17	1 24	16 49	1 24	24 10	0 29	13 19	1 47	31 40	15 56	2 13	1 39	16 6		n.a.
F 6	21 2	18 19	4 48	13 37	4 16	25 15	1 57	1 54	1 36	0 17	1 23	16 51	1 24	24 10	0 29	13 18	1 47	31 41	15 56	2 9	1 37	16 5		n.a.
S 7	21 13	18 46	5 4	13 41	4 11	25 8	1 56	1 37	1 36	0 17	1 23	16 53	1 24	24 10	0 29	13 18	1 46	31 41	15 57	2 6	1 36	16 4		n.a.
S 8	21 24	17 56	5 0	13 47	4 5	25 0	1 55	1 20	1 35	0 17	1 23	16 55	1 24	24 10	0 29	13 17	1 46	31 42	15 57	2 3	1 35	16 3		n.a.
M 9	21 35	15 56	4 36	13 56	3 58	24 51	1 54	1 4	1 35	0 17	1 22	16 57	1 24	24 10	0 29	13 17	1 46	31 42	15 57	2 0	1 33	16 2		n.a.
T 10	21 45	12 56	3 54	14 7	3 50	24 42	1 53	0 47	1 35	0 17	1 22	16 59	1 24	24 9	0 29	13 17	1 46	31 42	15 58	1 58	1 32	16 1		n.a.
W11	21 54	9 13	2 59	14 21	3 41	24 31	1 52	0 31	1 35	0 16	1 22	17 1	1 24	24 9	0 29	13 16	1 46	31 43	15 58	1 58	1 31	16 0		n.a.
T 12	22 4	5 3	1 54	14 37	3 31	24 21	1 50	0 14	1 35	0 16	1 21	17 3	1 24	24 9	0 29	13 16	1 46	31 43	15 59	1 58	1 30	15 59		n.a.
F 13	22 13	0 41	0 44	14 55	3 21	24 9	1 49	0n 2	1 35	0 16	1 21	17 5	1 24	24 9	0 29	13 15	1 46	31 44	15 59	1 58	1 28	15 58		n.a.
S 14	22 21	3s37	0n28	15 15	3 9	23 57	1 48	0 19	1 35	0 15	1 21	17 7	1 24	24 9	0 29	13 15	1 46	31 44	15 59	1 58	1 27	15 57		n.a.
S 15	22 30	7 41	1 36	15 38	2 57	23 45	1 46	0 35	1 35	0 14	1 20	17 9	1 23	24 9	0 29	13 15	1 46	31 45	16 0	1 57	1 26	15 56		n.a.
M16	22 37	11 19	2 38	16 2	2 45	23 31	1 44	0 51	1 34	0 14	1 20	17 11	1 23	24 8	0 29	13 14	1 46	31 45	16 0	1 56	1 24	15 55		n.a.
T 17	22 45	14 21	3 32	16 27	2 32	23 17	1 42	1 8	1 34	0 13	1 20	17 13	1 23	24 8	0 29	13 14	1 46	31 46	16 0	1 53	1 23	15 54		n.a.
W18	22 52	16 40	4 14	16 54	2 19	23 3	1 40	1 24	1 34	0 12	1 20	17 15	1 23	24 8	0 29	13 13	1 46	31 46	16 1	1 50	1 22	15 53		n.a.
T 19	22 59	18 10	4 43	17 23	2 6	22 48	1 38	1 40	1 34	0 11	1 19	17 17	1 23	24 8	0 29	13 13	1 46	31 47	16 1	1 45	1 21	15 52		n.a.
F 20	23 5	18 48	4 58	17 52	1 52	22 32	1 36	1 56	1 34	0 10	1 19	17 19	1 23	24 8	0 29	13 13	1 46	31 47	16 1	1 40	1 19	15 51		n.a.
S 21	23 11	18 34	5 0	18 22	1 38	22 16	1 34	2 12	1 33	0 9	1 19	17 21	1 23	24 8	0 29	13 12	1 46	31 48	16 2	1 35	1 18	15 50		n.a.
S 22	23 16	17 30	4 49	18 53	1 24	21 59	1 32	2 28	1 33	0 8	1 18	17 23	1 23	24 7	0 29	13 12	1 46	31 48	16 2	1 30	1 17	15 49		n.a.
M23	23 21	15 41	4 25	19 25	1 10	21 41	1 29	2 44	1 33	0 7	1 18	17 25	1 23	24 7	0 29	13 12	1 46	31 49	16 2	1 27	1 15	15 48		n.a.
T 24	23 26	13 12	3 50	19 57	0 57	21 24	1 26	3 0	1 33	0 6	1 18	17 27	1 23	24 7	0 29	13 11	1 46	31 49	16 3	1 24	1 14	15 47		n.a.
W25	23 30	10 11	3 4	20 28	0 43	21 5	1 24	3 15	1 32	0 5	1 17	17 29	1 23	24 7	0 29	13 11	1 46	31 50	16 3	1 22	1 13	15 46		n.a.
T 26	23 34	6 44	2 11	20 59	0 30	20 46	1 21	3 31	1 32	0 3	1 17	17 31	1 23	24 7	0 29	13 11	1 46	31 50	16 3	1 21	1 12	15 45		n.a.
F 27	23 37	2 58	1 10	21 30	0 17	20 27	1 18	3 47	1 32	0 2	1 17	17 32	1 23	24 6	0 29	13 11	1 46	31 51	16 4	1 20	1 10	15 43		n.a.
S 28	23 40	1n 0	0 6	22 0	0 4	20 7	1 15	4 2	1 32	0 0	1 16	17 34	1 23	24 6	0 29	13 10	1 46	31 51	16 4	1 20	1 9	15 42		n.a.
S 29	23 43	5 2	1s 1	22 28	0n 8	19 46	1 12	4 18	1 31	0s 1	1 16	17 36	1 23	24 6	0 29	13 10	1 46	31 52	16 4	1 20	1 8	15 41		n.a.
M30	23n45	8n58	2s 7	22n55	0n20	19n25	1n 9	4n33	1s31	0s 3	1n16	17n38	1s23	24n 6	0n29	13s10	1n46	31s52	16s 4	1s20	1s 7	15s40		n.a.

Julian Day Number = 1301536.5, Delta T = 07h49m54s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'37, Lahiri = -19°49'36 Julian Calendar 1 June 1150 BCE == Greg. Calendar 21 May 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

JULY 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 13	26♊32'43	11♉32	13♊55	10♌ 2	15♈30	3♎ 2	23♉43	7♋29	9°R17	14°R57	3°R13	2♎42	2♒ 3	n.a.	T 1
W 2	17 55 10	27°30'15	25°33	15°51	11° 9	16° 8	3° 6	23°50	7°33	9♏16	14♒56	3♎ 6	2°38	2° 9	n.a.	W 2
T 3	17 59 6	28°27'48	10♊ 1	17°49	12°15	16°46	3°10	23°57	7°36	9°15	14°56	2°57	2°35	2°16	n.a.	T 3
F 4	18 3 3	29°25'22	24°51	19°48	13°21	17°24	3°14	24° 4	7°40	9°14	14°55	2°47	2°32	2°23	n.a.	F 4
S 5	18 6 59	0♋22'58	9♋55	21°49	14°28	18° 2	3°18	24°11	7°44	9°13	14°54	2°36	2°29	2°30	n.a.	S 5
S 6	18 10 56	1°20'35	25° 2	23°50	15°34	18°40	3°23	24°18	7°47	9°12	14°53	2°25	2°26	2°36	n.a.	S 6
M 7	18 14 52	2°18'14	10♌ 3	25°53	16°39	19°17	3°27	24°24	7°51	9°12	14°52	2°17	2°22	2°43	n.a.	M 7
T 8	18 18 49	3°15'54	24°49	27°55	17°45	19°55	3°32	24°31	7°55	9°11	14°52	2°11	2°19	2°50	n.a.	T 8
W 9	18 22 46	4°13'34	9♍15	29°58	18°50	20°32	3°37	24°38	7°59	9°10	14°51	2° 8	2°16	2°56	n.a.	W 9
T 10	18 26 42	5°11'16	23°18	2♋ 0	19°56	21° 9	3°42	24°44	8° 2	9° 9	14°50	2° 7	2°13	3° 3	n.a.	T 10
F 11	18 30 39	6° 9'00	6♎57	4° 2	21° 1	21°46	3°47	24°51	8° 6	9° 9	14°49	2° 7	2°10	3°10	n.a.	F 11
S 12	18 34 35	7° 6'44	20°16	6° 3	22° 6	22°23	3°52	24°58	8°10	9° 8	14°48	2° 7	2° 7	3°17	n.a.	S 12
S 13	18 38 32	8° 4'30	3♏15	8° 3	23°10	23° 0	3°58	25° 4	8°14	9° 7	14°47	2° 5	2° 3	3°23	n.a.	S 13
M14	18 42 28	9° 2'17	16° 0	10° 3	24°15	23°36	4° 4	25°11	8°17	9° 7	14°46	2° 1	2° 0	3°30	n.a.	M14
T 15	18 46 25	10° 0'05	28°31	12° 1	25°19	24°12	4° 9	25°17	8°21	9° 6	14°45	1°54	1°57	3°37	n.a.	T 15
W16	18 50 21	10°57'55	10♐52	13°59	26°23	24°48	4°15	25°23	8°25	9° 6	14°44	1°44	1°54	3°43	n.a.	W16
T 17	18 54 18	11°55'47	23° 5	15°55	27°27	25°24	4°21	25°30	8°29	9° 5	14°43	1°32	1°51	3°50	n.a.	T 17
F 18	18 58 14	12°53'40	5♑10	17°50	28°30	26° 0	4°28	25°36	8°32	9° 5	14°42	1°19	1°48	3°57	n.a.	F 18
S 19	19 2 11	13°51'35	17° 9	19°44	29°34	26°36	4°34	25°42	8°36	9° 4	14°41	1° 5	1°44	4° 3	n.a.	S 19
S 20	19 6 8	14°49'31	29° 4	21°36	0♍37	27°11	4°41	25°48	8°40	9° 4	14°40	0°53	1°41	4°10	n.a.	S 20
M21	19 10 4	15°47'30	10♒55	23°28	1°40	27°47	4°47	25°54	8°44	9° 3	14°39	0°42	1°38	4°17	n.a.	M21
T 22	19 14 1	16°45'30	22°44	25°18	2°42	28°22	4°54	26° 0	8°47	9° 3	14°38	0°34	1°35	4°24	n.a.	T 22
W23	19 17 57	17°43'32	4♓35	27° 7	3°44	28°57	5° 1	26° 6	8°51	9° 3	14°37	0°28	1°32	4°30	n.a.	W23
T 24	19 21 54	18°41'36	16°30	28°54	4°46	29°32	5° 8	26°12	8°55	9° 2	14°36	0°25	1°28	4°37	n.a.	T 24
F 25	19 25 50	19°39'42	28°35	0♌40	5°48	0♉ 6	5°15	26°18	8°58	9° 2	14°35	0°D25	1°25	4°44	n.a.	F 25
S 26	19 29 47	20°37'50	10♈53	2°25	6°50	0°41	5°23	26°23	9° 2	9° 2	14°34	0°25	1°22	4°50	n.a.	S 26
S 27	19 33 43	21°36'01	23°29	4° 9	7°51	1°15	5°30	26°29	9° 6	9° 1	14°33	0°R25	1°19	4°57	n.a.	S 27
M28	19 37 40	22°34'13	6♉29	5°51	8°52	1°49	5°38	26°35	9°10	9° 1	14°32	0°24	1°16	5° 4	n.a.	M28
T 29	19 41 37	23°32'28	19°56	7°33	9°52	2°23	5°46	26°40	9°13	9° 1	14°31	0°21	1°13	5°10	n.a.	T 29
W30	19 45 33	24°30'45	3♊53	9°13	10°52	2°56	5°54	26°46	9°17	9° 1	14°29	0°16	1° 9	5°17	n.a.	W30
T 31	19 49 30	25♋29'04	18♊18	10♌52	11♍52	3♉30	6♎ 2	26♉51	9♋20	9♏ 1	14♒28	0♎ 9	1♎ 6	5♒24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	12n34	3s 7	23n21	0n31	19n 4	1n 5	4n48	1s31	0s 5	1n16	17n40	1s23	24n 6	0n29	13s 9	1n45	31s53	16s 5	1s18	1s 5	15s39			n.a.
W 2	23 48	15 36	3 59	23 45	0 41	18 42	1 2	5 4	1 30	0 6	1 15	17 41	1 23	24 5	0 29	13 9	1 45	31 53	16 5	1 15	1 4	15 38			n.a.
T 3	23 49	17 45	4 37	24 6	0 51	18 20	0 58	5 19	1 30	0 8	1 15	17 43	1 23	24 5	0 29	13 9	1 45	31 54	16 5	1 12	1 3	15 37			n.a.
F 4	23 50	18 46	4 58	24 25	1 0	17 57	0 55	5 34	1 30	0 10	1 15	17 45	1 23	24 5	0 29	13 9	1 45	31 54	16 6	1 7	1 1	15 36			n.a.
S 5	23 50	18 30	4 58	24 42	1 8	17 34	0 51	5 49	1 29	0 12	1 14	17 47	1 23	24 5	0 29	13 8	1 45	31 55	16 6	1 3	1 0	15 35			n.a.
S 6	23 49	16 55	4 38	24 56	1 15	17 11	0 47	6 4	1 29	0 14	1 14	17 48	1 23	24 4	0 29	13 8	1 45	31 55	16 6	0 59	0 59	15 34			n.a.
M 7	23 48	14 11	3 58	25 8	1 22	16 47	0 43	6 18	1 29	0 16	1 14	17 50	1 23	24 4	0 29	13 8	1 45	31 56	16 6	0 55	0 58	15 33			n.a.
T 8	23 47	10 35	3 3	25 16	1 28	16 23	0 39	6 33	1 28	0 18	1 13	17 52	1 23	24 4	0 29	13 8	1 45	31 56	16 7	0 53	0 56	15 32			n.a.
W 9	23 46	6 25	1 58	25 23	1 33	15 58	0 35	6 48	1 28	0 21	1 13	17 53	1 23	24 4	0 29	13 8	1 45	31 57	16 7	0 52	0 55	15 31			n.a.
T 10	23 43	2 0	0 46	25 26	1 37	15 33	0 31	7 2	1 28	0 23	1 13	17 55	1 23	24 4	0 29	13 7	1 45	31 57	16 7	0 51	0 54	15 30			n.a.
F 11	23 41	2s25	0n26	25 27	1 41	15 8	0 26	7 16	1 27	0 25	1 13	17 57	1 23	24 3	0 29	13 7	1 45	31 58	16 7	0 51	0 52	15 28			n.a.
S 12	23 38	6 35	1 34	25 25	1 44	14 43	0 22	7 31	1 27	0 28	1 12	17 58	1 23	24 3	0 29	13 7	1 45	31 58	16 8	0 51	0 51	15 27			n.a.
S 13	23 35	10 21	2 37	25 20	1 46	14 17	0 17	7 45	1 26	0 30	1 12	18 0	1 23	24 3	0 29	13 7	1 45	31 59	16 8	0 50	0 50	15 26			n.a.
M14	23 31	13 33	3 30	25 13	1 47	13 51	0 12	7 59	1 26	0 33	1 12	18 1	1 23	24 3	0 29	13 7	1 45	31 59	16 8	0 49	0 49	15 25			n.a.
T 15	23 27	16 4	4 12	25 4	1 48	13 25	0 8	8 13	1 25	0 35	1 11	18 3	1 23	24 2	0 29	13 7	1 45	32 0	16 8	0 46	0 47	15 24			n.a.
W16	23 22	17 48	4 41	24 52	1 48	12 58	0 3	8 27	1 25	0 38	1 11	18 4	1 23	24 2	0 29	13 7	1 45	32 0	16 9	0 42	0 46	15 23			n.a.
T 17	23 17	18 42	4 57	24 38	1 47	12 31	0s 2	8 40	1 24	0 41	1 11	18 6	1 23	24 2	0 29	13 6	1 45	32 1	16 9	0 37	0 45	15 22			n.a.
F 18	23 12	18 44	5 0	24 23	1 46	12 4	0 7	8 54	1 24	0 43	1 11	18 7	1 23	24 2	0 29	13 6	1 45	32 1	16 9	0 32	0 43	15 21			n.a.
S 19	23 6	17 56	4 49	24 5	1 45	11 37	0 12	9 8	1 23	0 46	1 10	18 9	1 24	24 1	0 29	13 6	1 44	32 2	16 9	0 26	0 42	15 20			n.a.
S 20	22 59	16 21	4 25	23 45	1 43	11 10	0 18	9 21	1 23	0 49	1 10	18 10	1 24	24 1	0 29	13 6	1 44	32 2	16 9	0 21	0 41	15 19			n.a.
M21	22 53	14 5	3 51	23 24	1 40	10 42	0 23	9 34	1 22	0 52	1 10	18 12	1 24	24 1	0 29	13 6	1 44	32 3	16 10	0 17	0 40	15 17			n.a.
T 22	22 46	11 14	3 6	23 1	1 37	10 14	0 29	9 48	1 22	0 55	1 10	18 13	1 24	24 1	0 29	13 6	1 44	32 4	16 10	0 14	0 38	15 16			n.a.
W23	22 38	7 56	2 13	22 37	1 34	9 46	0 34	10 1	1 21	0 58	1 9	18 14	1 24	24 1	0 29	13 6	1 44	32 4	16 10	0 11	0 37	15 15			n.a.
T 24	22 30	4 17	1 13	22 11	1 30	9 18	0 40	10 14	1 21	1 1	1 9	18 16	1 24	24 0	0 29	13 6	1 44	32 5	16 10	0 10	0 36	15 14			n.a.
F 25	22 22	0 25	0 10	21 44	1 26	8 50	0 45	10 26	1 20	1 4	1 9	18 17	1 24	24 0	0 29	13 6	1 44	32 5	16 10	0 10	0 34	15 13			n.a.
S 26	22 13	3n31	0s55	21 15	1 21	8 21	0 51	10 39	1 20	1 8	1 8	18 18	1 24	24 0	0 29	13 6	1 44	32 6	16 11	0 10	0 33	15 12			n.a.
S 27	22 4	7 25	2 0	20 46	1 16	7 53	0 57	10 52	1 19	1 11	1 8	18 20	1 24	24 0	0 29	13 6	1 44	32 6	16 11	0 10	0 32	15 11			n.a.
M28	21 54	11 4	3 0	20 16	1 11	7 24	1 3	11 4	1 19	1 14	1 8	18 21	1 24	23 59	0 29	13 6	1 44	32 7	16 11	0 10	0 31	15 10			n.a.
T 29	21 44	14 17	3 52	19 44	1 6	6 56	1 9	11 17	1 18	1 17	1 8	18 22	1 24	23 59	0 29	13 6	1 44	32 7	16 11	0 9	0 29	15 8			n.a.
W30	21 34	16 48	4 33	19 12	1 0	6 27	1 15	11 29	1 17	1 21	1 7	18 23	1 24	23 59	0 29	13 6	1 44	32 8	16 11	0 7	0 28	15 7			n.a.
T 31	21n23	18n22	4s57	18n39	0n54	5n58	1s21	11n41	1s17	1s24	1n 7	18n25	1s24	23n59	0n29	13s 6	1n44	32s 8	16s11	0s 4	0s27	15s 6			n.a.

Julian Day Number = 1301566.5, Delta T = 07h49m52s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'33, Lahiri = -19°49'32 Julian Calendar 1 July 1150 BCE == Greg. Calendar 20 June 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

AUGUST 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 53 26	26♋27'26	3♋10	12♌29	12♍52	4♉ 3	6♎10	26♉56	9♋24	9°R 1	14°R27	0°R 0	1♎ 3	5♒31	n.a.	F 1
S 2	19 57 23	27°25'49	18°19	14° 6	13°51	4°36	6°18	27° 1	9°28	9°D 1	14♒26	29♍51	1° 0	5°37	n.a.	S 2
S 3	20 1 19	28°24'15	3♌37	15°41	14°49	5° 9	6°26	27° 7	9°31	9♏ 1	14°25	29°42	0°57	5°44	n.a.	S 3
M 4	20 5 16	29°22'42	18°51	17°16	15°48	5°42	6°35	27°12	9°35	9° 1	14°24	29°35	0°54	5°51	n.a.	M 4
T 5	20 9 12	0♌21'12	3♍52	18°49	16°46	6°14	6°44	27°17	9°39	9° 1	14°23	29°30	0°50	5°57	n.a.	T 5
W 6	20 13 9	1°19'43	18°32	20°21	17°43	6°46	6°52	27°21	9°42	9° 1	14°21	29°27	0°47	6° 4	n.a.	W 6
T 7	20 17 6	2°18'16	2♎46	21°52	18°41	7°18	7° 1	27°26	9°46	9° 1	14°20	29°D27	0°44	6°11	n.a.	T 7
F 8	20 21 2	3°16'51	16°34	23°21	19°37	7°49	7°10	27°31	9°49	9° 1	14°19	29°28	0°41	6°17	n.a.	F 8
S 9	20 24 59	4°15'27	29°55	24°50	20°33	8°21	7°19	27°36	9°53	9° 2	14°18	29°R28	0°38	6°24	n.a.	S 9
S 10	20 28 55	5°14'06	12♏54	26°17	21°29	8°52	7°29	27°40	9°56	9° 2	14°17	29°28	0°34	6°31	n.a.	S 10
M11	20 32 52	6°12'46	25°33	27°44	22°24	9°23	7°38	27°45	10° 0	9° 2	14°15	29°26	0°31	6°38	n.a.	M11
T 12	20 36 48	7°11'28	7♐57	29° 9	23°19	9°54	7°47	27°49	10° 3	9° 2	14°14	29°22	0°28	6°44	n.a.	T 12
W13	20 40 45	8°10'12	20° 9	0♑33	24°13	10°24	7°57	27°53	10° 7	9° 3	14°13	29°16	0°25	6°51	n.a.	W13
T 14	20 44 41	9° 8'58	2♒13	1°55	25° 7	10°54	8° 7	27°57	10°10	9° 3	14°12	29° 8	0°22	6°58	n.a.	T 14
F 15	20 48 38	10° 7'46	14°10	3°17	26° 0	11°24	8°16	28° 2	10°13	9° 4	14°11	28°58	0°19	7° 4	n.a.	F 15
S 16	20 52 34	11° 6'36	26° 4	4°37	26°52	11°54	8°26	28° 6	10°17	9° 4	14° 9	28°49	0°15	7°11	n.a.	S 16
S 17	20 56 31	12° 5'28	7♓55	5°56	27°44	12°23	8°36	28°10	10°20	9° 4	14° 8	28°40	0°12	7°18	n.a.	S 17
M18	21 0 28	13° 4'22	19°46	7°13	28°35	12°52	8°46	28°13	10°23	9° 5	14° 7	28°33	0° 9	7°24	n.a.	M18
T 19	21 4 24	14° 3'18	1♈38	8°29	29°25	13°21	8°56	28°17	10°27	9° 5	14° 6	28°27	0° 6	7°31	n.a.	T 19
W20	21 8 21	15° 2'16	13°33	9°43	0♎15	13°49	9° 7	28°21	10°30	9° 6	14° 5	28°24	0° 3	7°38	n.a.	W20
T 21	21 12 17	16° 1'17	25°34	10°56	1° 4	14°17	9°17	28°24	10°33	9° 7	14° 3	28°D23	29♍59	7°44	n.a.	T 21
F 22	21 16 14	17° 0'20	7♈44	12° 7	1°52	14°45	9°27	28°28	10°36	9° 7	14° 2	28°23	29°56	7°51	n.a.	F 22
S 23	21 20 10	17°59'25	20° 6	13°16	2°40	15°13	9°38	28°31	10°39	9° 8	14° 1	28°24	29°53	7°58	n.a.	S 23
S 24	21 24 7	18°58'33	2♉44	14°24	3°26	15°40	9°49	28°34	10°43	9° 9	14° 0	28°26	29°50	8° 5	n.a.	S 24
M25	21 28 3	19°57'44	15°41	15°29	4°12	16° 7	9°59	28°38	10°46	9° 9	13°58	28°R27	29°47	8°11	n.a.	M25
T 26	21 32 0	20°56'57	29° 2	16°32	4°57	16°34	10°10	28°41	10°49	9°10	13°57	28°27	29°44	8°18	n.a.	T 26
W27	21 35 56	21°56'12	12♊49	17°32	5°41	17° 0	10°21	28°44	10°52	9°11	13°56	28°25	29°40	8°25	n.a.	W27
T 28	21 39 53	22°55'30	27° 3	18°30	6°24	17°26	10°32	28°46	10°55	9°12	13°55	28°22	29°37	8°31	n.a.	T 28
F 29	21 43 50	23°54'51	11♋42	19°25	7° 6	17°51	10°43	28°49	10°58	9°13	13°54	28°17	29°34	8°38	n.a.	F 29
S 30	21 47 46	24°54'13	26°40	20°17	7°47	18°17	10°54	28°52	11° 1	9°14	13°53	28°12	29°31	8°45	n.a.	S 30
S 31	21 51 43	25♌53'39	11♌50	21♍ 5	8♎27	18♉41	11♎ 6	28♉54	11♋ 4	9♏14	13♒51	28♍ 8	29♍28	8♒51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n12	18n44	5s 3	18n 6	0n48	5n29	1s28	11n53	1s16	1s28	1n 7	18n26	1s24	23n58	0n29	13s 6	1n44	32s 9	16s12	0s 0	0s25	15s 5		n.a.
S 2	21 1	17 47	4 48	17 31	0 41	5 1	1 34	12 5	1 15	1 31	1 7	18 27	1 24	23 58	0 29	13 6	1 44	32 9	16 12	0n 4	0 24	15 4		n.a.
S 3	20 49	15 34	4 13	16 56	0 34	4 32	1 41	12 17	1 15	1 35	1 6	18 28	1 24	23 58	0 29	13 6	1 44	32 10	16 12	0 7	0 23	15 3		n.a.
M 4	20 37	12 16	3 19	16 21	0 27	4 3	1 47	12 28	1 14	1 39	1 6	18 29	1 24	23 58	0 29	13 6	1 43	32 10	16 12	0 10	0 22	15 2		n.a.
T 5	20 24	8 12	2 12	15 45	0 20	3 34	1 54	12 40	1 13	1 42	1 6	18 30	1 24	23 57	0 29	13 6	1 43	32 11	16 12	0 12	0 20	15 0		n.a.
W 6	20 11	3 43	0 58	15 9	0 13	3 5	2 0	12 51	1 13	1 46	1 6	18 31	1 24	23 57	0 29	13 6	1 43	32 11	16 12	0 13	0 19	14 59		n.a.
T 7	19 58	0s51	0n18	14 32	0 6	2 36	2 7	13 2	1 12	1 50	1 6	18 32	1 24	23 57	0 29	13 6	1 43	32 11	16 12	0 13	0 18	14 58		n.a.
F 8	19 44	5 13	1 31	13 56	0s 2	2 8	2 14	13 13	1 11	1 54	1 5	18 33	1 24	23 57	0 29	13 7	1 43	32 12	16 12	0 13	0 16	14 57		n.a.
S 9	19 30	9 12	2 36	13 19	0 9	1 39	2 21	13 24	1 10	1 57	1 5	18 34	1 24	23 56	0 29	13 7	1 43	32 12	16 12	0 13	0 15	14 56		n.a.
S 10	19 16	12 36	3 31	12 42	0 17	1 11	2 27	13 35	1 10	2 1	1 5	18 35	1 24	23 56	0 29	13 7	1 43	32 13	16 12	0 13	0 14	14 55		n.a.
M11	19 1	15 20	4 15	12 4	0 25	0 42	2 34	13 46	1 9	2 5	1 5	18 36	1 25	23 56	0 29	13 7	1 43	32 13	16 13	0 14	0 13	14 54		n.a.
T 12	18 46	17 17	4 46	11 27	0 33	0 14	2 41	13 56	1 8	2 9	1 4	18 37	1 25	23 56	0 29	13 7	1 43	32 14	16 13	0 15	0 11	14 52		n.a.
W13	18 31	18 25	5 3	10 50	0 41	0s14	2 48	14 7	1 7	2 13	1 4	18 38	1 25	23 55	0 29	13 7	1 43	32 14	16 13	0 18	0 10	14 51		n.a.
T 14	18 16	18 42	5 6	10 12	0 49	0 42	2 56	14 17	1 7	2 17	1 4	18 39	1 25	23 55	0 29	13 7	1 43	32 15	16 13	0 21	0 9	14 50		n.a.
F 15	18 0	18 9	4 56	9 35	0 57	1 10	3 3	14 27	1 6	2 22	1 4	18 40	1 25	23 55	0 29	13 8	1 43	32 15	16 13	0 25	0 7	14 49		n.a.
S 16	17 43	16 48	4 33	8 58	1 5	1 38	3 10	14 37	1 5	2 26	1 4	18 41	1 25	23 55	0 29	13 8	1 43	32 15	16 13	0 29	0 6	14 48		n.a.
S 17	17 27	14 45	3 59	8 22	1 13	2 5	3 17	14 47	1 4	2 30	1 3	18 42	1 25	23 54	0 29	13 8	1 43	32 16	16 13	0 32	0 5	14 47		n.a.
M18	17 10	12 4	3 13	7 45	1 21	2 33	3 24	14 57	1 3	2 34	1 3	18 42	1 25	23 54	0 29	13 8	1 43	32 16	16 13	0 35	0 4	14 45		n.a.
T 19	16 53	8 54	2 20	7 9	1 29	3 0	3 32	15 7	1 2	2 38	1 3	18 43	1 25	23 54	0 29	13 9	1 42	32 17	16 13	0 37	0 2	14 44		n.a.
W20	16 35	5 21	1 20	6 33	1 37	3 26	3 39	15 16	1 1	2 43	1 3	18 44	1 25	23 54	0 29	13 9	1 42	32 17	16 13	0 39	0 1	14 43		n.a.
T 21	16 18	1 33	0 15	5 58	1 45	3 53	3 46	15 26	1 0	2 47	1 2	18 45	1 25	23 53	0 29	13 9	1 42	32 18	16 13	0 39	0n 0	14 42		n.a.
F 22	16 0	2n21	0s51	5 24	1 53	4 19	3 54	15 35	1 0	2 51	1 2	18 45	1 25	23 53	0 29	13 9	1 42	32 18	16 13	0 39	0 1	14 41		n.a.
S 23	15 41	6 12	1 55	4 50	2 1	4 45	4 1	15 44	0 59	2 56	1 2	18 46	1 25	23 53	0 29	13 10	1 42	32 18	16 13	0 39	0 3	14 39		n.a.
S 24	15 23	9 52	2 56	4 16	2 8	5 11	4 8	15 53	0 58	3 0	1 2	18 47	1 25	23 53	0 30	13 10	1 42	32 19	16 13	0 38	0 4	14 38		n.a.
M25	15 4	13 9	3 49	3 44	2 16	5 36	4 16	16 2	0 57	3 5	1 2	18 47	1 25	23 53	0 30	13 10	1 42	32 19	16 13	0 38	0 5	14 37		n.a.
T 26	14 45	15 51	4 32	3 13	2 23	6 1	4 23	16 10	0 56	3 9	1 1	18 48	1 26	23 52	0 30	13 10	1 42	32 19	16 13	0 38	0 7	14 36		n.a.
W27	14 25	17 44	5 0	2 42	2 30	6 25	4 31	16 19	0 55	3 14	1 1	18 49	1 26	23 52	0 30	13 11	1 42	32 20	16 13	0 38	0 8	14 35		n.a.
T 28	14 6	18 36	5 12	2 13	2 37	6 49	4 38	16 27	0 54	3 18	1 1	18 49	1 26	23 52	0 30	13 11	1 42	32 20	16 13	0 40	0 9	14 33		n.a.
F 29	13 46	18 16	5 3	1 45	2 44	7 13	4 45	16 35	0 53	3 23	1 1	18 50	1 26	23 52	0 30	13 11	1 42	32 20	16 13	0 42	0 10	14 32		n.a.
S 30	13 26	16 40	4 35	1 19	2 50	7 36	4 53	16 44	0 51	3 27	1 1	18 50	1 26	23 51	0 30	13 12	1 42	32 21	16 13	0 44	0 12	14 31		n.a.
S 31	13n 6	13n54	3s46	0n54	2s56	7s59	5s 0	16n52	0s50	3s32	1n 1	18n51	1s26	23n51	0n30	13s12	1n42	32s21	16s13	0n45	0n13	14s30		n.a.

Julian Day Number = 1301597.5, Delta T = 07h49m50s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'29, Lahiri = -19°49'28 Julian Calendar 1 Aug. 1150 BCE == Greg. Calendar 21 July 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

SEPTEMBER 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 55 39	26♌53'06	27♌ 2	21♍50	9♎ 6	19♉ 6	11♎17	28♉57	11♋ 7	9♏15	13°R50	28°R 4	29♍25	8♒58	n.a.	M 1
T 2	21 59 36	27°52'35	12♍ 7	22°31	9°43	19°30	11°28	28°59	11°10	9°16	13♒49	28♍ 1	29°21	9° 5	n.a.	T 2
W 3	22 3 32	28°52'07	26°54	23° 7	10°20	19°54	11°40	29° 1	11°12	9°17	13°48	28°D 1	29°18	9°12	n.a.	W 3
T 4	22 7 29	29°51'41	11♎18	23°38	10°55	20°17	11°51	29° 4	11°15	9°18	13°47	28° 1	29°15	9°18	n.a.	T 4
F 5	22 11 25	0♍51'16	25°15	24° 4	11°29	20°40	12° 3	29° 6	11°18	9°20	13°45	28° 2	29°12	9°25	n.a.	F 5
S 6	22 15 22	1°50'54	8♏45	24°25	12° 1	21° 2	12°15	29° 7	11°21	9°21	13°44	28° 4	29° 9	9°32	n.a.	S 6
S 7	22 19 19	2°50'33	21°50	24°39	12°32	21°24	12°26	29° 9	11°23	9°22	13°43	28° 5	29° 5	9°38	n.a.	S 7
M 8	22 23 15	3°50'14	4♐32	24°R46	13° 2	21°46	12°38	29°11	11°26	9°23	13°42	28°R 6	29° 2	9°45	n.a.	M 8
T 9	22 27 12	4°49'58	16°55	24°45	13°30	22° 7	12°50	29°13	11°29	9°24	13°41	28° 5	28°59	9°52	n.a.	T 9
W10	22 31 8	5°49'43	29° 5	24°37	13°56	22°27	13° 2	29°14	11°31	9°25	13°40	28° 3	28°56	9°58	n.a.	W10
T 11	22 35 5	6°49'30	11♑ 4	24°21	14°21	22°48	13°14	29°15	11°34	9°27	13°39	28° 1	28°53	10° 5	n.a.	T 11
F 12	22 39 1	7°49'18	22°58	23°56	14°44	23° 7	13°26	29°17	11°36	9°28	13°38	27°58	28°50	10°12	n.a.	F 12
S 13	22 42 58	8°49'09	4♒48	23°22	15° 5	23°27	13°39	29°18	11°39	9°29	13°37	27°54	28°46	10°18	n.a.	S 13
S 14	22 46 54	9°49'02	16°39	22°40	15°25	23°46	13°51	29°19	11°41	9°30	13°35	27°51	28°43	10°25	n.a.	S 14
M15	22 50 51	10°48'57	28°33	21°49	15°42	24° 4	14° 3	29°20	11°43	9°32	13°34	27°49	28°40	10°32	n.a.	M15
T 16	22 54 47	11°48'53	10♓31	20°50	15°57	24°22	14°15	29°20	11°46	9°33	13°33	27°47	28°37	10°38	n.a.	T 16
W17	22 58 44	12°48'52	22°36	19°44	16°11	24°39	14°28	29°21	11°48	9°35	13°32	27°D46	28°34	10°45	n.a.	W17
T 18	23 2 41	13°48'53	4♈48	18°33	16°22	24°56	14°40	29°22	11°50	9°36	13°31	27°46	28°31	10°52	n.a.	T 18
F 19	23 6 37	14°48'55	17°11	17°18	16°31	25°12	14°53	29°22	11°52	9°38	13°30	27°47	28°27	10°59	n.a.	F 19
S 20	23 10 34	15°49'00	29°46	16° 1	16°38	25°27	15° 5	29°23	11°54	9°39	13°29	27°48	28°24	11° 5	n.a.	S 20
S 21	23 14 30	16°49'08	12♉34	14°45	16°42	25°42	15°18	29°23	11°57	9°41	13°28	27°49	28°21	11°12	n.a.	S 21
M22	23 18 27	17°49'17	25°38	13°32	16°R45	25°57	15°31	29°23	11°59	9°42	13°27	27°50	28°18	11°19	n.a.	M22
T 23	23 22 23	18°49'29	9♊ 0	12°24	16°45	26°11	15°43	29°R23	12° 1	9°44	13°26	27°51	28°15	11°25	n.a.	T 23
W24	23 26 20	19°49'43	22°41	11°24	16°42	26°24	15°56	29°23	12° 3	9°45	13°25	27°R51	28°11	11°32	n.a.	W24
T 25	23 30 16	20°50'00	6♋43	10°32	16°37	26°37	16° 9	29°23	12° 4	9°47	13°24	27°51	28° 8	11°39	n.a.	T 25
F 26	23 34 13	21°50'18	21° 3	9°51	16°30	26°49	16°22	29°22	12° 6	9°49	13°24	27°50	28° 5	11°45	n.a.	F 26
S 27	23 38 9	22°50'39	5♌39	9°21	16°21	27° 0	16°35	29°22	12° 8	9°50	13°23	27°50	28° 2	11°52	n.a.	S 27
S 28	23 42 6	23°51'02	20°27	9° 3	16° 8	27°11	16°48	29°21	12°10	9°52	13°22	27°49	27°59	11°59	n.a.	S 28
M29	23 46 3	24°51'27	5♍20	8°D56	15°54	27°21	17° 1	29°21	12°12	9°54	13°21	27°49	27°56	12° 5	n.a.	M29
T 30	23 49 59	25♍51'53	20♍10	9♍ 1	15♎37	27♉30	17♎14	29♉20	12♋13	9♏55	13♒20	27♍49	27♍52	12♒12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n45	10n10	2s42	0n31	3s 2	8s21	5s 7	16n59	0s49	3s37	1n 0	18n51	1s26	23n51	0n30	13s13	1n42	32s21	16s13	0n47	0n14	14s29		n.a.
T 2	12 24	5 48	1 26	0 10	3 7	8 43	5 15	17 7	0 48	3 41	1 0	18 52	1 26	23 51	0 30	13 13	1 42	32 22	16 12	0 48	0 16	14 27		n.a.
W 3	12 3	1 10	0 6	0s 9	3 12	9 4	5 22	17 15	0 47	3 46	1 0	18 52	1 26	23 51	0 30	13 13	1 42	32 22	16 12	0 48	0 17	14 26		n.a.
T 4	11 42	3s26	1n12	0 25	3 16	9 25	5 29	17 22	0 46	3 51	1 0	18 52	1 26	23 50	0 30	13 14	1 41	32 22	16 12	0 48	0 18	14 25		n.a.
F 5	11 21	7 42	2 24	0 39	3 19	9 45	5 36	17 29	0 45	3 56	1 0	18 53	1 26	23 50	0 30	13 14	1 41	32 23	16 12	0 47	0 19	14 24		n.a.
S 6	10 59	11 24	3 26	0 49	3 21	10 4	5 43	17 37	0 43	4 0	0 59	18 53	1 26	23 50	0 30	13 14	1 41	32 23	16 12	0 47	0 21	14 23		n.a.
S 7	10 38	14 26	4 14	0 56	3 23	10 23	5 50	17 44	0 42	4 5	0 59	18 53	1 26	23 50	0 30	13 15	1 41	32 23	16 12	0 46	0 22	14 21		n.a.
M 8	10 16	16 40	4 49	0 59	3 23	10 41	5 56	17 51	0 41	4 10	0 59	18 54	1 26	23 49	0 30	13 15	1 41	32 23	16 12	0 46	0 23	14 20		n.a.
T 9	9 54	18 3	5 9	0 59	3 23	10 58	6 3	17 57	0 40	4 15	0 59	18 54	1 27	23 49	0 30	13 16	1 41	32 24	16 12	0 46	0 25	14 19		n.a.
W10	9 31	18 35	5 15	0 54	3 21	11 14	6 9	18 4	0 38	4 20	0 59	18 54	1 27	23 49	0 30	13 16	1 41	32 24	16 12	0 47	0 26	14 18		n.a.
T 11	9 9	18 16	5 7	0 44	3 17	11 30	6 16	18 10	0 37	4 25	0 59	18 54	1 27	23 49	0 30	13 17	1 41	32 24	16 12	0 48	0 27	14 16		n.a.
F 12	8 46	17 9	4 46	0 30	3 13	11 45	6 22	18 17	0 36	4 30	0 59	18 55	1 27	23 49	0 30	13 17	1 41	32 24	16 11	0 49	0 28	14 15		n.a.
S 13	8 24	15 18	4 12	0 10	3 6	11 59	6 28	18 23	0 34	4 34	0 58	18 55	1 27	23 49	0 30	13 18	1 41	32 25	16 11	0 51	0 30	14 14		n.a.
S 14	8 1	12 48	3 28	0n15	2 57	12 12	6 34	18 29	0 33	4 39	0 58	18 55	1 27	23 48	0 30	13 18	1 41	32 25	16 11	0 52	0 31	14 13		n.a.
M15	7 38	9 45	2 35	0 45	2 47	12 24	6 39	18 35	0 32	4 44	0 58	18 55	1 27	23 48	0 30	13 19	1 41	32 25	16 11	0 53	0 32	14 12		n.a.
T 16	7 15	6 18	1 34	1 20	2 35	12 34	6 45	18 41	0 30	4 49	0 58	18 55	1 27	23 48	0 30	13 19	1 41	32 25	16 11	0 54	0 34	14 10		n.a.
W17	6 51	2 33	0 29	1 59	2 20	12 44	6 50	18 47	0 29	4 54	0 58	18 55	1 27	23 48	0 30	13 20	1 41	32 25	16 11	0 54	0 35	14 9		n.a.
T 18	6 28	1n21	0s39	2 42	2 4	12 53	6 54	18 52	0 27	4 59	0 58	18 55	1 27	23 48	0 30	13 20	1 41	32 25	16 10	0 54	0 36	14 8		n.a.
F 19	6 4	5 14	1 46	3 28	1 46	13 1	6 59	18 58	0 26	5 4	0 57	18 55	1 27	23 47	0 30	13 21	1 41	32 26	16 10	0 54	0 37	14 7		n.a.
S 20	5 41	8 57	2 48	4 16	1 27	13 7	7 3	19 3	0 24	5 9	0 57	18 55	1 27	23 47	0 30	13 21	1 41	32 26	16 10	0 53	0 39	14 5		n.a.
S 21	5 17	12 19	3 44	5 4	1 7	13 12	7 7	19 8	0 23	5 15	0 57	18 55	1 27	23 47	0 30	13 22	1 41	32 26	16 10	0 53	0 40	14 4		n.a.
M22	4 53	15 8	4 29	5 51	0 47	13 16	7 10	19 13	0 21	5 20	0 57	18 55	1 28	23 47	0 30	13 22	1 40	32 26	16 10	0 52	0 41	14 3		n.a.
T 23	4 29	17 13	5 1	6 37	0 26	13 19	7 13	19 18	0 19	5 25	0 57	18 55	1 28	23 47	0 30	13 23	1 40	32 26	16 10	0 52	0 43	14 2		n.a.
W24	4 5	18 22	5 16	7 19	0 6	13 20	7 15	19 23	0 18	5 30	0 57	18 55	1 28	23 47	0 30	13 23	1 40	32 26	16 9	0 52	0 44	14 0		n.a.
T 25	3 41	18 26	5 14	7 57	0n14	13 20	7 17	19 27	0 16	5 35	0 57	18 55	1 28	23 47	0 30	13 24	1 40	32 26	16 9	0 52	0 45	13 59		n.a.
F 26	3 17	17 21	4 52	8 30	0 32	13 18	7 18	19 32	0 14	5 40	0 56	18 55	1 28	23 46	0 30	13 24	1 40	32 26	16 9	0 52	0 46	13 58		n.a.
S 27	2 53	15 7	4 11	8 57	0 49	13 15	7 19	19 36	0 13	5 45	0 56	18 55	1 28	23 46	0 31	13 25	1 40	32 26	16 9	0 53	0 48	13 57		n.a.
S 28	2 29	11 52	3 13	9 18	1 5	13 10	7 19	19 40	0 11	5 50	0 56	18 55	1 28	23 46	0 31	13 26	1 40	32 27	16 8	0 53	0 49	13 55		n.a.
M29	2 5	7 49	2 2	9 34	1 19	13 4	7 18	19 44	0 9	5 56	0 56	18 54	1 28	23 46	0 31	13 26	1 40	32 27	16 8	0 53	0 50	13 54		n.a.
T 30	1n40	3n19	0s42	9n43	1n31	12s56	7s17	19n48	0s 7	6s 1	0n56	18n54	1s28	23n46	0n31	13s27	1n40	32s27	16s 8	0n53	0n52	13s53		n.a.

Julian Day Number = 1301628.5, Delta T = 07h49m49s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'24, Lahiri = -19°49'24 Julian Calendar 1 Sept. 1150 BCE == Greg. Calendar 21 Aug. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

OCTOBER 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 53 56	26♍52'22	4♎50	9♍16	15°R18	27♉39	17♎27	29°R19	12♋15	9♏57	13°R19	27°D49	27♍49	12♒19	n.a.	W 1
T 2	23 57 52	27°52'52	19°13	9°42	14♎57	27°47	17°40	29♉18	12°16	9°59	13♒18	27°R49	27°46	12°25	n.a.	T 2
F 3	0 1 49	28°53'24	3♏13	10°16	14°33	27°54	17°53	29°17	12°18	10° 1	13°18	27♍49	27°43	12°32	n.a.	F 3
S 4	0 5 45	29°53'58	16°49	10°59	14° 8	28° 1	18° 6	29°15	12°19	10° 3	13°17	27°48	27°40	12°39	n.a.	S 4
S 5	0 9 42	0♎54'33	0♐ 1	11°49	13°40	28° 7	18°19	29°14	12°21	10° 4	13°16	27°48	27°36	12°46	n.a.	S 5
M 6	0 13 38	1°55'09	12°48	12°46	13°11	28°12	18°33	29°13	12°22	10° 6	13°15	27°48	27°33	12°52	n.a.	M 6
T 7	0 17 35	2°55'47	25°16	13°49	12°40	28°16	18°46	29°11	12°23	10° 8	13°15	27°47	27°30	12°59	n.a.	T 7
W 8	0 21 32	3°56'27	7♑27	14°56	12° 7	28°19	18°59	29° 9	12°25	10°10	13°14	27°D47	27°27	13° 6	n.a.	W 8
T 9	0 25 28	4°57'07	19°26	16° 8	11°34	28°22	19°12	29° 8	12°26	10°12	13°13	27°48	27°24	13°12	n.a.	T 9
F 10	0 29 25	5°57'49	1♒18	17°24	10°59	28°24	19°26	29° 6	12°27	10°14	13°12	27°48	27°21	13°19	n.a.	F 10
S 11	0 33 21	6°58'33	13° 8	18°42	10°23	28°25	19°39	29° 4	12°28	10°16	13°12	27°49	27°17	13°26	n.a.	S 11
S 12	0 37 18	7°59'17	25° 0	20° 4	9°47	28°R25	19°53	29° 1	12°29	10°18	13°11	27°50	27°14	13°32	n.a.	S 12
M13	0 41 14	9° 0'03	6♓57	21°27	9°11	28°25	20° 6	28°59	12°30	10°20	13°11	27°51	27°11	13°39	n.a.	M13
T 14	0 45 11	10° 0'50	19° 3	22°53	8°34	28°24	20°19	28°57	12°31	10°22	13°10	27°52	27° 8	13°46	n.a.	T 14
W15	0 49 7	11° 1'39	1♈19	24°19	7°58	28°21	20°33	28°55	12°32	10°24	13° 9	27°R52	27° 5	13°52	n.a.	W15
T 16	0 53 4	12° 2'29	13°48	25°48	7°22	28°18	20°46	28°52	12°32	10°26	13° 9	27°51	27° 2	13°59	n.a.	T 16
F 17	0 57 0	13° 3'20	26°30	27°17	6°47	28°15	21° 0	28°49	12°33	10°28	13° 8	27°50	26°58	14° 6	n.a.	F 17
S 18	1 0 57	14° 4'13	9♉26	28°47	6°13	28°10	21°13	28°47	12°34	10°30	13° 8	27°48	26°55	14°12	n.a.	S 18
S 19	1 4 54	15° 5'07	22°35	0♎18	5°40	28° 4	21°27	28°44	12°35	10°32	13° 7	27°46	26°52	14°19	n.a.	S 19
M20	1 8 50	16° 6'03	5♊58	1°50	5° 9	27°58	21°40	28°41	12°35	10°34	13° 7	27°43	26°49	14°26	n.a.	M20
T 21	1 12 47	17° 7'00	19°33	3°22	4°39	27°51	21°54	28°38	12°36	10°36	13° 7	27°41	26°46	14°32	n.a.	T 21
W22	1 16 43	18° 7'59	3♋19	4°55	4°10	27°43	22° 7	28°35	12°36	10°38	13° 6	27°39	26°42	14°39	n.a.	W22
T 23	1 20 40	19° 8'59	17°17	6°27	3°44	27°34	22°21	28°32	12°36	10°41	13° 6	27°D38	26°39	14°46	n.a.	T 23
F 24	1 24 36	20°10'01	1♌24	8° 0	3°20	27°24	22°35	28°28	12°37	10°43	13° 5	27°39	26°36	14°52	n.a.	F 24
S 25	1 28 33	21°11'04	15°40	9°33	2°58	27°13	22°48	28°25	12°37	10°45	13° 5	27°40	26°33	14°59	n.a.	S 25
S 26	1 32 30	22°12'08	0♍ 2	11° 7	2°38	27° 2	23° 2	28°21	12°37	10°47	13° 5	27°41	26°30	15° 6	n.a.	S 26
M27	1 36 26	23°13'14	14°26	12°40	2°21	26°50	23°15	28°18	12°38	10°49	13° 4	27°43	26°27	15°13	n.a.	M27
T 28	1 40 23	24°14'21	28°50	14°14	2° 6	26°36	23°29	28°14	12°38	10°51	13° 4	27°R43	26°23	15°19	n.a.	T 28
W29	1 44 19	25°15'29	13♎ 7	15°47	1°53	26°23	23°43	28°11	12°38	10°54	13° 4	27°42	26°20	15°26	n.a.	W29
T 30	1 48 16	26°16'38	27°13	17°21	1°43	26° 8	23°56	28° 7	12°R38	10°56	13° 4	27°40	26°17	15°33	n.a.	T 30
F 31	1 52 12	27♎17'48	11♏ 4	18♎55	1♎36	25♉52	24♎10	28♉ 3	12♋38	10♏58	13♒ 3	27♍36	26♍14	15♒39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n16	1s21	0n39	9n47	1n42	12s47	7s15	19n52	0s 5	6s 6	0n56	18n54	1s28	23n46	0n31	13s27	1n40	32s27	16s 8	0n53	0n53	13s51			n.a.
T 2	0 51	5 51	1 56	9 46	1 50	12 36	7 13	19 56	0 3	6 11	0 56	18 54	1 28	23 46	0 31	13 28	1 40	32 27	16 8	0 53	0 54	13 50			n.a.
F 3	0 27	9 54	3 4	9 39	1 58	12 24	7 9	19 59	0 2	6 16	0 56	18 53	1 28	23 46	0 31	13 29	1 40	32 27	16 7	0 53	0 55	13 49			n.a.
S 4	0 2	13 18	4 0	9 28	2 4	12 10	7 5	20 3	0n 0	6 21	0 56	18 53	1 28	23 45	0 31	13 29	1 40	32 27	16 7	0 53	0 57	13 48			n.a.
S 5	0s22	15 54	4 41	9 13	2 8	11 54	7 0	20 6	0 2	6 27	0 55	18 53	1 28	23 45	0 31	13 30	1 40	32 27	16 7	0 53	0 58	13 46			n.a.
M 6	0 47	17 38	5 7	8 53	2 11	11 37	6 54	20 9	0 4	6 32	0 55	18 52	1 28	23 45	0 31	13 31	1 40	32 27	16 7	0 53	0 59	13 45			n.a.
T 7	1 11	18 27	5 17	8 31	2 14	11 19	6 47	20 12	0 6	6 37	0 55	18 52	1 28	23 45	0 31	13 31	1 40	32 27	16 6	0 54	1 1	13 44			n.a.
W 8	1 35	18 24	5 13	8 5	2 15	10 59	6 40	20 15	0 9	6 42	0 55	18 51	1 29	23 45	0 31	13 32	1 40	32 27	16 6	0 54	1 2	13 42			n.a.
T 9	2 0	17 31	4 55	7 37	2 15	10 38	6 32	20 18	0 11	6 48	0 55	18 51	1 29	23 45	0 31	13 32	1 40	32 27	16 6	0 53	1 3	13 41			n.a.
F 10	2 24	15 53	4 25	7 6	2 14	10 16	6 23	20 20	0 13	6 53	0 55	18 51	1 29	23 45	0 31	13 33	1 40	32 27	16 5	0 53	1 4	13 40			n.a.
S 11	2 49	13 35	3 44	6 34	2 12	9 52	6 13	20 22	0 15	6 58	0 55	18 50	1 29	23 45	0 31	13 34	1 40	32 27	16 5	0 53	1 6	13 39			n.a.
S 12	3 13	10 42	2 52	5 59	2 10	9 28	6 2	20 25	0 17	7 3	0 55	18 50	1 29	23 45	0 31	13 34	1 40	32 26	16 5	0 52	1 7	13 37			n.a.
M13	3 37	7 21	1 53	5 23	2 7	9 3	5 51	20 27	0 19	7 8	0 55	18 49	1 29	23 45	0 31	13 35	1 40	32 26	16 5	0 52	1 8	13 36			n.a.
T 14	4 2	3 40	0 49	4 46	2 4	8 38	5 39	20 29	0 22	7 14	0 54	18 48	1 29	23 45	0 31	13 36	1 40	32 26	16 4	0 52	1 10	13 35			n.a.
W15	4 26	0n14	0s19	4 7	2 0	8 11	5 26	20 30	0 24	7 19	0 54	18 48	1 29	23 45	0 31	13 36	1 39	32 26	16 4	0 52	1 11	13 33			n.a.
T 16	4 50	4 12	1 27	3 28	1 56	7 45	5 13	20 32	0 26	7 24	0 54	18 47	1 29	23 45	0 31	13 37	1 39	32 26	16 4	0 52	1 12	13 32			n.a.
F 17	5 14	8 2	2 32	2 47	1 51	7 18	4 59	20 33	0 29	7 29	0 54	18 47	1 29	23 45	0 31	13 38	1 39	32 26	16 3	0 52	1 13	13 31			n.a.
S 18	5 38	11 33	3 30	2 6	1 46	6 51	4 45	20 35	0 31	7 35	0 54	18 46	1 29	23 45	0 31	13 38	1 39	32 26	16 3	0 53	1 15	13 29			n.a.
S 19	6 2	14 33	4 18	1 25	1 41	6 25	4 31	20 36	0 33	7 40	0 54	18 45	1 29	23 45	0 31	13 39	1 39	32 26	16 3	0 54	1 16	13 28			n.a.
M20	6 26	16 50	4 53	0 43	1 35	5 59	4 16	20 37	0 36	7 45	0 54	18 45	1 29	23 45	0 31	13 40	1 39	32 26	16 2	0 55	1 17	13 27			n.a.
T 21	6 50	18 13	5 12	0 0	1 30	5 33	4 1	20 37	0 38	7 50	0 54	18 44	1 29	23 45	0 31	13 41	1 39	32 25	16 2	0 56	1 18	13 26			n.a.
W22	7 13	18 33	5 14	0s42	1 24	5 7	3 45	20 38	0 41	7 55	0 54	18 43	1 29	23 45	0 31	13 41	1 39	32 25	16 2	0 57	1 20	13 24			n.a.
T 23	7 37	17 47	4 57	1 25	1 17	4 42	3 30	20 38	0 43	8 1	0 54	18 43	1 29	23 45	0 31	13 42	1 39	32 25	16 2	0 57	1 21	13 23			n.a.
F 24	8 0	15 54	4 22	2 8	1 11	4 18	3 14	20 38	0 46	8 6	0 54	18 42	1 29	23 45	0 32	13 43	1 39	32 25	16 1	0 57	1 22	13 22			n.a.
S 25	8 24	13 2	3 31	2 51	1 5	3 55	2 59	20 38	0 48	8 11	0 54	18 41	1 29	23 45	0 32	13 43	1 39	32 25	16 1	0 57	1 24	13 20			n.a.
S 26	8 47	9 22	2 27	3 34	0 58	3 33	2 43	20 38	0 51	8 16	0 53	18 40	1 29	23 45	0 32	13 44	1 39	32 24	16 1	0 56	1 25	13 19			n.a.
M27	9 10	5 7	1 12	4 17	0 52	3 12	2 28	20 38	0 53	8 21	0 53	18 39	1 29	23 45	0 32	13 45	1 39	32 24	16 0	0 56	1 26	13 18			n.a.
T 28	9 33	0 34	0n 6	5 0	0 45	2 52	2 13	20 37	0 56	8 26	0 53	18 39	1 29	23 45	0 32	13 45	1 39	32 24	16 0	0 55	1 27	13 16			n.a.
W29	9 56	3s59	1 24	5 43	0 38	2 33	1 58	20 36	0 59	8 32	0 53	18 38	1 29	23 45	0 32	13 46	1 39	32 24	16 0	0 56	1 29	13 15			n.a.
T 30	10 18	8 15	2 35	6 26	0 32	2 16	1 43	20 35	1 1	8 37	0 53	18 37	1 29	23 45	0 32	13 47	1 39	32 24	15 59	0 57	1 30	13 14			n.a.
F 31	10s41	11s59	3n36	7s 8	0n25	1s59	1s28	20n34	1n 4	8s42	0n53	18n36	1s29	23n45	0n32	13s48	1n39	32s23	15s59	0n58	1n31	13s12			n.a.

Julian Day Number = 1301658.5, Delta T = 07h49m47s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'20, Lahiri = -19°49'20 Julian Calendar 1 Oct. 1150 BCE == Greg. Calendar 20 Sept. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

NOVEMBER 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 9	28♎18'58	24♏36	20♎28	1°R30	25°R36	24♎23	27°R59	12°R38	11♏ 0	13°R 3	27°R31	26♍11	15♒46	n.a.	S 1
S 2	2 0 5	29°20'10	7♐47	22° 2	1♎28	25♉19	24°37	27♉55	12♋37	11° 2	13♒ 3	27♍26	26° 7	15°53	n.a.	S 2
M 3	2 4 2	0♏21'22	20°37	23°36	1°D28	25° 1	24°50	27°51	12°37	11° 5	13° 3	27°20	26° 4	15°59	n.a.	M 3
T 4	2 7 59	1°22'35	3♑ 7	25°10	1°30	24°43	25° 4	27°47	12°37	11° 7	13° 3	27°16	26° 1	16° 6	n.a.	T 4
W 5	2 11 55	2°23'48	15°21	26°44	1°34	24°24	25°18	27°43	12°37	11° 9	13° 3	27°13	25°58	16°13	n.a.	W 5
T 6	2 15 52	3°25'01	27°21	28°18	1°41	24° 4	25°31	27°38	12°36	11°11	13° 3	27°11	25°55	16°19	n.a.	T 6
F 7	2 19 48	4°26'15	9♒14	29°52	1°51	23°44	25°45	27°34	12°36	11°14	13° 3	27°D11	25°52	16°26	n.a.	F 7
S 8	2 23 45	5°27'29	21° 3	1♏26	2° 2	23°23	25°58	27°30	12°35	11°16	13°D 3	27°12	25°48	16°33	n.a.	S 8
S 9	2 27 41	6°28'43	2♓55	3° 0	2°16	23° 2	26°12	27°25	12°35	11°18	13° 3	27°14	25°45	16°39	n.a.	S 9
M10	2 31 38	7°29'58	14°54	4°34	2°32	22°40	26°25	27°21	12°34	11°20	13° 3	27°15	25°42	16°46	n.a.	M10
T 11	2 35 34	8°31'13	27° 4	6° 9	2°49	22°18	26°39	27°16	12°33	11°23	13° 3	27°R16	25°39	16°53	n.a.	T 11
W12	2 39 31	9°32'28	9♈29	7°43	3° 9	21°56	26°52	27°11	12°33	11°25	13° 3	27°15	25°36	16°59	n.a.	W12
T 13	2 43 28	10°33'43	22°12	9°18	3°31	21°33	27° 5	27° 7	12°32	11°27	13° 3	27°12	25°33	17° 6	n.a.	T 13
F 14	2 47 24	11°34'59	5♉14	10°53	3°55	21° 9	27°19	27° 2	12°31	11°30	13° 3	27° 7	25°29	17°13	n.a.	F 14
S 15	2 51 21	12°36'15	18°34	12°28	4°20	20°46	27°32	26°57	12°30	11°32	13° 3	27° 1	25°26	17°19	n.a.	S 15
S 16	2 55 17	13°37'31	2♊11	14° 3	4°48	20°22	27°46	26°53	12°29	11°34	13° 3	26°52	25°23	17°26	n.a.	S 16
M17	2 59 14	14°38'48	16° 1	15°39	5°16	19°59	27°59	26°48	12°28	11°36	13° 4	26°44	25°20	17°33	n.a.	M17
T 18	3 3 10	15°40'05	0♋ 1	17°15	5°47	19°35	28°12	26°43	12°27	11°39	13° 4	26°36	25°17	17°39	n.a.	T 18
W19	3 7 7	16°41'23	14° 6	18°51	6°19	19°11	28°26	26°38	12°26	11°41	13° 4	26°30	25°13	17°46	n.a.	W19
T 20	3 11 3	17°42'40	28°15	20°27	6°53	18°47	28°39	26°33	12°25	11°43	13° 4	26°26	25°10	17°53	n.a.	T 20
F 21	3 15 0	18°43'58	12♌23	22° 4	7°28	18°23	28°52	26°28	12°24	11°45	13° 5	26°24	25° 7	17°59	n.a.	F 21
S 22	3 18 57	19°45'17	26°30	23°41	8° 4	17°59	29° 5	26°23	12°23	11°48	13° 5	26°D24	25° 4	18° 6	n.a.	S 22
S 23	3 22 53	20°46'35	10♍34	25°18	8°42	17°35	29°18	26°18	12°21	11°50	13° 5	26°25	25° 1	18°13	n.a.	S 23
M24	3 26 50	21°47'54	24°34	26°55	9°21	17°11	29°32	26°13	12°20	11°52	13° 6	26°R26	24°58	18°19	n.a.	M24
T 25	3 30 46	22°49'13	8♎29	28°33	10° 2	16°48	29°45	26° 8	12°19	11°54	13° 6	26°25	24°54	18°26	n.a.	T 25
W26	3 34 43	23°50'32	22°18	0♐11	10°43	16°25	29°58	26° 3	12°17	11°57	13° 7	26°22	24°51	18°33	n.a.	W26
T 27	3 38 39	24°51'52	5♏59	1°49	11°26	16° 2	0♏11	25°58	12°16	11°59	13° 7	26°17	24°48	18°39	n.a.	T 27
F 28	3 42 36	25°53'11	19°28	3°28	12°10	15°40	0°24	25°53	12°14	12° 1	13° 8	26° 8	24°45	18°46	n.a.	F 28
S 29	3 46 33	26°54'29	2♐44	5° 7	12°55	15°18	0°37	25°48	12°13	12° 3	13° 8	25°58	24°42	18°53	n.a.	S 29
S 30	3 50 29	27♏55'48	15♐44	6♐46	13♎41	14♉56	0♏49	25♉43	12♋11	12♏ 6	13♒ 9	25♍46	24♍39	18♒59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 3	14s59	4n23	7s50	0n18	1s44	1s14	20n33	1n 7	8s47	0n53	18n35	1s29	23n45	0n32	13s48	1n39	32s23	15s59	1n 0	1n33	13s11		n.a.
S 2	11 25	17 8	4 54	8 32	0 12	1 30	1 0	20 31	1 9	8 52	0 53	18 34	1 29	23 45	0 32	13 49	1 39	32 23	15 58	1 2	1 34	13 10		n.a.
M 3	11 47	18 20	5 10	9 14	0 5	1 18	0 46	20 29	1 12	8 57	0 53	18 33	1 29	23 45	0 32	13 50	1 39	32 22	15 58	1 4	1 35	13 8		n.a.
T 4	12 9	18 37	5 11	9 55	0s 2	1 7	0 33	20 27	1 14	9 2	0 53	18 32	1 29	23 45	0 32	13 50	1 39	32 22	15 58	1 6	1 36	13 7		n.a.
W 5	12 30	18 1	4 57	10 36	0 8	0 57	0 20	20 25	1 17	9 7	0 53	18 32	1 29	23 45	0 32	13 51	1 39	32 22	15 57	1 8	1 38	13 6		n.a.
T 6	12 51	16 37	4 30	11 16	0 15	0 48	0 8	20 23	1 20	9 12	0 53	18 31	1 29	23 45	0 32	13 52	1 39	32 22	15 57	1 8	1 39	13 4		n.a.
F 7	13 12	14 30	3 52	11 56	0 21	0 41	0n 4	20 20	1 22	9 17	0 53	18 30	1 29	23 45	0 32	13 53	1 39	32 21	15 57	1 8	1 40	13 3		n.a.
S 8	13 33	11 48	3 4	12 35	0 27	0 35	0 16	20 17	1 25	9 22	0 53	18 29	1 29	23 45	0 32	13 53	1 39	32 21	15 56	1 8	1 42	13 2		n.a.
S 9	13 54	8 36	2 9	13 14	0 34	0 30	0 28	20 14	1 27	9 27	0 53	18 28	1 29	23 45	0 32	13 54	1 39	32 21	15 56	1 7	1 43	13 0		n.a.
M10	14 14	5 1	1 7	13 53	0 40	0 26	0 38	20 11	1 30	9 32	0 53	18 27	1 29	23 45	0 32	13 55	1 39	32 20	15 55	1 7	1 44	12 59		n.a.
T 11	14 34	1 10	0 1	14 30	0 46	0 24	0 49	20 8	1 32	9 37	0 52	18 26	1 29	23 46	0 32	13 55	1 39	32 20	15 55	1 6	1 45	12 57		n.a.
W12	14 54	2n49	1s 6	15 8	0 52	0 22	0 59	20 4	1 35	9 42	0 52	18 25	1 29	23 46	0 32	13 56	1 39	32 20	15 55	1 7	1 47	12 56		n.a.
T 13	15 14	6 46	2 11	15 44	0 58	0 22	1 9	20 0	1 37	9 47	0 52	18 24	1 29	23 46	0 32	13 57	1 39	32 19	15 54	1 8	1 48	12 55		n.a.
F 14	15 33	10 29	3 11	16 20	1 3	0 23	1 18	19 57	1 40	9 52	0 52	18 23	1 29	23 46	0 32	13 58	1 39	32 19	15 54	1 10	1 49	12 53		n.a.
S 15	15 52	13 46	4 2	16 55	1 9	0 25	1 27	19 53	1 42	9 57	0 52	18 21	1 29	23 46	0 32	13 58	1 39	32 18	15 54	1 12	1 51	12 52		n.a.
S 16	16 11	16 22	4 40	17 30	1 14	0 28	1 36	19 48	1 44	10 2	0 52	18 20	1 29	23 46	0 32	13 59	1 39	32 18	15 53	1 16	1 52	12 51		n.a.
M17	16 30	18 4	5 2	18 3	1 19	0 32	1 44	19 44	1 47	10 7	0 52	18 19	1 29	23 46	0 32	14 0	1 39	32 18	15 53	1 19	1 53	12 49		n.a.
T 18	16 48	18 43	5 7	18 36	1 24	0 38	1 52	19 40	1 49	10 12	0 52	18 18	1 29	23 46	0 32	14 0	1 39	32 17	15 53	1 22	1 54	12 48		n.a.
W19	17 6	18 13	4 53	19 8	1 29	0 44	1 59	19 35	1 51	10 17	0 52	18 17	1 28	23 46	0 32	14 1	1 39	32 17	15 52	1 25	1 56	12 46		n.a.
T 20	17 23	16 35	4 22	19 39	1 34	0 51	2 7	19 30	1 53	10 21	0 52	18 16	1 28	23 47	0 32	14 2	1 39	32 16	15 52	1 26	1 57	12 45		n.a.
F 21	17 41	13 56	3 34	20 9	1 38	0 58	2 13	19 25	1 55	10 26	0 52	18 15	1 28	23 47	0 33	14 3	1 39	32 16	15 52	1 27	1 58	12 44		n.a.
S 22	17 58	10 29	2 34	20 38	1 42	1 7	2 20	19 21	1 58	10 31	0 52	18 14	1 28	23 47	0 33	14 3	1 39	32 16	15 51	1 27	1 59	12 42		n.a.
S 23	18 14	6 26	1 24	21 7	1 46	1 17	2 26	19 16	2 0	10 36	0 52	18 13	1 28	23 47	0 33	14 4	1 39	32 15	15 51	1 27	2 1	12 41		n.a.
M24	18 31	2 2	0 10	21 34	1 49	1 27	2 32	19 11	2 1	10 40	0 52	18 12	1 28	23 47	0 33	14 5	1 39	32 15	15 51	1 26	2 2	12 40		n.a.
T 25	18 47	2s26	1n 4	21 59	1 53	1 38	2 37	19 6	2 3	10 45	0 52	18 11	1 28	23 47	0 33	14 5	1 39	32 14	15 50	1 27	2 3	12 38		n.a.
W26	19 2	6 45	2 14	22 24	1 55	1 50	2 42	19 1	2 5	10 50	0 52	18 10	1 28	23 48	0 33	14 6	1 39	32 14	15 50	1 28	2 5	12 37		n.a.
T 27	19 18	10 40	3 15	22 47	1 58	2 2	2 47	18 56	2 7	10 55	0 52	18 8	1 28	23 48	0 33	14 7	1 39	32 13	15 50	1 30	2 6	12 35		n.a.
F 28	19 32	13 58	4 4	23 9	2 0	2 15	2 52	18 50	2 9	10 59	0 52	18 7	1 28	23 48	0 33	14 7	1 39	32 13	15 49	1 33	2 7	12 34		n.a.
S 29	19 47	16 29	4 39	23 30	2 2	2 29	2 56	18 45	2 10	11 4	0 52	18 6	1 28	23 48	0 33	14 8	1 39	32 12	15 49	1 38	2 8	12 33		n.a.
S 30	20s 1	18s 6	4n59	23s49	2s 4	2s43	3n 0	18n40	2n12	11s 8	0n52	18n 5	1s27	23n48	0n33	14s 9	1n39	32s12	15s49	1n42	2n10	12s31		n.a.

Julian Day Number = 1301689.5, Delta T = 07h49m46s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'16, Lahiri = -19°49'16 Julian Calendar 1 Nov. 1150 BCE == Greg. Calendar 21 Oct. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1150 BCE
geocentric

DECEMBER 1150 BCE (-1149) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 54 26	28♏57'06	28♐28	8♐25	14♎27	14°R35	1♏ 2	25°R38	12°R 9	12♏ 8	13♒ 9	25°R34	24♍35	19♒ 6	n.a.	M 1
T 2	3 58 22	29°58'24	10♑55	10° 4	15°15	14♉14	1°15	25♉33	12♋ 8	12°10	13°10	25♍24	24°32	19°13	n.a.	T 2
W 3	4 2 19	0♐59'40	23° 8	11°44	16° 4	13°54	1°28	25°28	12° 6	12°12	13°10	25°15	24°29	19°20	n.a.	W 3
T 4	4 6 15	2° 0'57	5♒ 8	13°23	16°53	13°35	1°40	25°23	12° 4	12°14	13°11	25° 9	24°26	19°26	n.a.	T 4
F 5	4 10 12	3° 2'12	17° 0	15° 2	17°43	13°16	1°53	25°19	12° 2	12°16	13°12	25° 5	24°23	19°33	n.a.	F 5
S 6	4 14 8	4° 3'27	28°48	16°41	18°34	12°58	2° 6	25°14	12° 1	12°19	13°12	25° 4	24°19	19°40	n.a.	S 6
S 7	4 18 5	5° 4'41	10♓38	18°20	19°26	12°41	2°18	25° 9	11°59	12°21	13°13	25°D 4	24°16	19°46	n.a.	S 7
M 8	4 22 2	6° 5'53	22°36	19°58	20°19	12°24	2°31	25° 4	11°57	12°23	13°14	25°R 4	24°13	19°53	n.a.	M 8
T 9	4 25 58	7° 7'05	4♈46	21°35	21°12	12° 8	2°43	24°59	11°55	12°25	13°14	25° 4	24°10	20° 0	n.a.	T 9
W10	4 29 55	8° 8'16	17°14	23°11	22° 6	11°53	2°55	24°54	11°53	12°27	13°15	25° 1	24° 7	20° 6	n.a.	W10
T 11	4 33 51	9° 9'26	0♉ 4	24°46	23° 0	11°38	3° 8	24°49	11°51	12°29	13°16	24°57	24° 4	20°13	n.a.	T 11
F 12	4 37 48	10°10'35	13°18	26°19	23°55	11°24	3°20	24°45	11°49	12°31	13°17	24°49	24° 0	20°20	n.a.	F 12
S 13	4 41 44	11°11'43	26°56	27°51	24°51	11°11	3°32	24°40	11°46	12°33	13°17	24°39	23°57	20°26	n.a.	S 13
S 14	4 45 41	12°12'51	10♊56	29°19	25°47	10°59	3°44	24°35	11°44	12°35	13°18	24°28	23°54	20°33	n.a.	S 14
M15	4 49 38	13°13'57	25°14	0♋45	26°44	10°48	3°56	24°31	11°42	12°37	13°19	24°15	23°51	20°40	n.a.	M15
T 16	4 53 34	14°15'03	9♋43	2° 8	27°42	10°37	4° 8	24°26	11°40	12°39	13°20	24° 4	23°48	20°46	n.a.	T 16
W17	4 57 31	15°16'07	24°17	3°26	28°40	10°27	4°20	24°22	11°38	12°41	13°21	23°54	23°44	20°53	n.a.	W17
T 18	5 1 27	16°17'11	8♌48	4°40	29°38	10°18	4°32	24°17	11°35	12°43	13°22	23°47	23°41	21° 0	n.a.	T 18
F 19	5 5 24	17°18'14	23°12	5°48	0♏37	10°10	4°44	24°13	11°33	12°45	13°23	23°43	23°38	21° 6	n.a.	F 19
S 20	5 9 20	18°19'16	7♍26	6°49	1°36	10° 3	4°55	24° 8	11°31	12°47	13°24	23°42	23°35	21°13	n.a.	S 20
S 21	5 13 17	19°20'18	21°27	7°44	2°36	9°56	5° 7	24° 4	11°28	12°49	13°25	23°41	23°32	21°20	n.a.	S 21
M22	5 17 13	20°21'18	5♎16	8°30	3°36	9°50	5°18	24° 0	11°26	12°51	13°26	23°41	23°29	21°26	n.a.	M22
T 23	5 21 10	21°22'18	18°53	9° 8	4°37	9°45	5°30	23°56	11°24	12°53	13°27	23°40	23°25	21°33	n.a.	T 23
W24	5 25 7	22°23'16	2♏19	9°36	5°38	9°41	5°41	23°52	11°21	12°55	13°28	23°36	23°22	21°40	n.a.	W24
T 25	5 29 3	23°24'14	15°35	9°54	6°39	9°38	5°53	23°48	11°19	12°57	13°29	23°29	23°19	21°46	n.a.	T 25
F 26	5 33 0	24°25'11	28°40	10°R 1	7°41	9°35	6° 4	23°44	11°16	12°58	13°30	23°18	23°16	21°53	n.a.	F 26
S 27	5 36 56	25°26'06	11♐35	9°57	8°43	9°33	6°15	23°40	11°14	13° 0	13°31	23° 6	23°13	22° 0	n.a.	S 27
S 28	5 40 53	26°27'01	24°17	9°42	9°46	9°32	6°26	23°36	11°11	13° 2	13°32	22°52	23°10	22° 6	n.a.	S 28
M29	5 44 49	27°27'53	6♑47	9°16	10°49	9°D32	6°37	23°32	11° 9	13° 4	13°33	22°37	23° 6	22°13	n.a.	M29
T 30	5 48 46	28°28'45	19° 5	8°40	11°52	9°32	6°48	23°29	11° 6	13° 6	13°34	22°24	23° 3	22°20	n.a.	T 30
W31	5 52 42	29♐29'35	1♒11	7♑54	12♏55	9♉33	6♏58	23♉25	11♋ 4	13♏ 7	13♒35	22♍12	23♍ 0	22♒26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s15	18s46	5n 3	24s 7	2s 5	2s58	3n 4	18n35	2n13	11s13	0n52	18n 4	1s27	23n48	0n33	14s 9	1n39	32s11	15s48	1n47	2n11	12s30			n.a.
T 2	20 28	18 31	4 53	24 23	2 5	3 14	3 7	18 30	2 15	11 17	0 52	18 3	1 27	23 49	0 33	14 10	1 39	32 11	15 48	1 52	2 12	12 28			n.a.
W 3	20 41	17 24	4 29	24 38	2 5	3 29	3 11	18 26	2 16	11 22	0 52	18 2	1 27	23 49	0 33	14 11	1 39	32 10	15 48	1 55	2 14	12 27			n.a.
T 4	20 54	15 31	3 53	24 50	2 5	3 46	3 14	18 21	2 17	11 26	0 52	18 1	1 27	23 49	0 33	14 11	1 39	32 10	15 47	1 58	2 15	12 26			n.a.
F 5	21 6	13 1	3 8	25 2	2 4	4 3	3 16	18 16	2 18	11 31	0 52	18 0	1 27	23 49	0 33	14 12	1 39	32 9	15 47	1 59	2 16	12 24			n.a.
S 6	21 18	9 58	2 15	25 11	2 2	4 20	3 19	18 12	2 19	11 35	0 52	17 59	1 27	23 49	0 33	14 13	1 39	32 9	15 47	2 0	2 17	12 23			n.a.
S 7	21 30	6 32	1 16	25 18	2 0	4 38	3 21	18 7	2 21	11 40	0 52	17 58	1 27	23 50	0 33	14 13	1 39	32 8	15 46	2 0	2 19	12 21			n.a.
M 8	21 41	2 47	0 13	25 24	1 57	4 56	3 23	18 3	2 22	11 44	0 52	17 57	1 27	23 50	0 33	14 14	1 39	32 8	15 46	1 59	2 20	12 20			n.a.
T 9	21 51	1n 8	0s51	25 27	1 54	5 14	3 25	17 59	2 22	11 48	0 52	17 56	1 26	23 50	0 33	14 15	1 39	32 7	15 46	2 0	2 21	12 19			n.a.
W10	22 1	5 7	1 55	25 29	1 50	5 33	3 26	17 55	2 23	11 53	0 52	17 55	1 26	23 50	0 33	14 15	1 39	32 7	15 45	2 0	2 23	12 17			n.a.
T 11	22 11	8 58	2 54	25 28	1 45	5 52	3 28	17 51	2 24	11 57	0 52	17 53	1 26	23 50	0 33	14 16	1 39	32 6	15 45	2 2	2 24	12 16			n.a.
F 12	22 20	12 30	3 46	25 26	1 39	6 12	3 29	17 47	2 25	12 1	0 52	17 52	1 26	23 51	0 33	14 17	1 39	32 6	15 45	2 5	2 25	12 14			n.a.
S 13	22 29	15 28	4 27	25 21	1 32	6 32	3 30	17 44	2 26	12 5	0 52	17 51	1 26	23 51	0 33	14 17	1 39	32 5	15 45	2 9	2 26	12 13			n.a.
S 14	22 37	17 37	4 53	25 14	1 25	6 51	3 31	17 41	2 26	12 9	0 52	17 50	1 26	23 51	0 33	14 18	1 39	32 5	15 44	2 14	2 28	12 11			n.a.
M15	22 45	18 44	5 1	25 6	1 16	7 12	3 31	17 38	2 27	12 13	0 52	17 49	1 26	23 51	0 33	14 18	1 39	32 4	15 44	2 19	2 29	12 10			n.a.
T 16	22 53	18 39	4 50	24 55	1 7	7 32	3 32	17 35	2 27	12 18	0 52	17 49	1 25	23 52	0 33	14 19	1 39	32 4	15 44	2 24	2 30	12 9			n.a.
W17	23 0	17 20	4 20	24 43	0 56	7 53	3 32	17 32	2 28	12 22	0 52	17 48	1 25	23 52	0 33	14 20	1 39	32 3	15 43	2 28	2 31	12 7			n.a.
T 18	23 7	14 55	3 34	24 29	0 45	8 13	3 32	17 29	2 28	12 26	0 52	17 47	1 25	23 52	0 33	14 20	1 39	32 3	15 43	2 30	2 33	12 6			n.a.
F 19	23 13	11 35	2 34	24 14	0 32	8 34	3 32	17 27	2 29	12 30	0 52	17 46	1 25	23 52	0 33	14 21	1 39	32 2	15 43	2 32	2 34	12 4			n.a.
S 20	23 18	7 37	1 25	23 58	0 19	8 55	3 31	17 25	2 29	12 34	0 52	17 45	1 25	23 52	0 33	14 21	1 39	32 1	15 43	2 33	2 35	12 3			n.a.
S 21	23 24	3 16	0 12	23 40	0 4	9 16	3 31	17 23	2 29	12 38	0 52	17 44	1 25	23 53	0 33	14 22	1 39	32 1	15 42	2 33	2 37	12 1			n.a.
M22	23 28	1s12	1n 1	23 22	0n11	9 38	3 30	17 22	2 30	12 41	0 52	17 43	1 24	23 53	0 33	14 22	1 39	32 0	15 42	2 33	2 38	12 0			n.a.
T 23	23 33	5 32	2 9	23 3	0 28	9 59	3 30	17 20	2 30	12 45	0 52	17 42	1 24	23 53	0 33	14 23	1 39	32 0	15 42	2 33	2 39	11 59			n.a.
W24	23 36	9 31	3 9	22 44	0 45	10 20	3 29	17 19	2 30	12 49	0 52	17 41	1 24	23 53	0 33	14 23	1 39	31 59	15 41	2 35	2 40	11 57			n.a.
T 25	23 40	12 59	3 58	22 25	1 2	10 42	3 28	17 18	2 30	12 53	0 52	17 40	1 24	23 54	0 33	14 24	1 39	31 59	15 41	2 38	2 42	11 56			n.a.
F 26	23 43	15 45	4 33	22 6	1 21	11 3	3 26	17 17	2 30	12 57	0 52	17 40	1 24	23 54	0 33	14 25	1 39	31 58	15 41	2 42	2 43	11 54			n.a.
S 27	23 45	17 41	4 54	21 48	1 39	11 24	3 25	17 17	2 31	13 0	0 52	17 39	1 23	23 54	0 33	14 25	1 39	31 57	15 41	2 47	2 44	11 53			n.a.
S 28	23 47	18 43	5 0	21 31	1 57	11 46	3 23	17 17	2 31	13 4	0 52	17 38	1 23	23 54	0 34	14 26	1 39	31 57	15 40	2 53	2 45	11 51			n.a.
M29	23 48	18 49	4 51	21 15	2 15	12 7	3 22	17 16	2 31	13 8	0 52	17 37	1 23	23 55	0 34	14 26	1 39	31 56	15 40	2 59	2 47	11 50			n.a.
T 30	23 49	18 1	4 29	21 1	2 32	12 28	3 20	17 17	2 31	13 11	0 52	17 37	1 23	23 55	0 34	14 27	1 39	31 56	15 40	3 4	2 48	11 48			n.a.
W31	23s50	16s25	3n54	20s48	2n48	12s49	3n18	17n17	2n31	13s15	0n52	17n36	1s23	23n55	0n34	14s27	1n40	31s55	15s40	3n 8	2n49	11s47			n.a.

Julian Day Number = 1301719.5, Delta T = 07h49m44s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'12, Lahiri = -19°49'12 Julian Calendar 1 Dec. 1150 BCE == Greg. Calendar 20 Nov. 1150 BCE

The year -1149 astronomical counting style corresponds to year 1150 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

JANUARY 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 39	0♉30'23	13♒ 8	7°R 0	13♏59	9♉35	7♏ 9	23°R22	11°R 1	13♏ 9	13♒37	22°R 4	22♍57	22♒33	n.a.	T 1
F 2	6 0 36	1°31'09	24°58	5♉59	15° 3	9°38	7°20	23♉18	10♋59	13°11	13°38	21♍58	22°54	22°40	n.a.	F 2
S 3	6 4 32	2°31'54	6♓45	4°53	16° 7	9°41	7°30	23°15	10°56	13°12	13°39	21°55	22°50	22°46	n.a.	S 3
S 4	6 8 29	3°32'37	18°33	3°43	17°11	9°45	7°40	23°12	10°53	13°14	13°40	21°D55	22°47	22°53	n.a.	S 4
M 5	6 12 25	4°33'18	0♈29	2°33	18°16	9°50	7°51	23° 9	10°51	13°16	13°41	21°R55	22°44	23° 0	n.a.	M 5
T 6	6 16 22	5°33'57	12°37	1°23	19°21	9°56	8° 1	23° 6	10°48	13°17	13°43	21°55	22°41	23° 6	n.a.	T 6
W 7	6 20 18	6°34'34	25° 2	0°15	20°26	10° 2	8°11	23° 3	10°46	13°19	13°44	21°53	22°38	23°13	n.a.	W 7
T 8	6 24 15	7°35'09	7♉51	29♗12	21°31	10° 9	8°21	23° 0	10°43	13°20	13°45	21°49	22°35	23°20	n.a.	T 8
F 9	6 28 11	8°35'43	21° 6	28°13	22°37	10°16	8°31	22°57	10°40	13°22	13°46	21°43	22°31	23°26	n.a.	F 9
S 10	6 32 8	9°36'14	4♊49	27°21	23°43	10°24	8°40	22°55	10°38	13°23	13°48	21°35	22°28	23°33	n.a.	S 10
S 11	6 36 5	10°36'44	19° 0	26°36	24°49	10°33	8°50	22°52	10°35	13°25	13°49	21°24	22°25	23°40	n.a.	S 11
M12	6 40 1	11°37'12	3♋35	25°58	25°55	10°42	9° 0	22°50	10°32	13°26	13°50	21°13	22°22	23°46	n.a.	M12
T 13	6 43 58	12°37'37	18°26	25°28	27° 1	10°52	9° 9	22°47	10°30	13°27	13°52	21° 3	22°19	23°53	n.a.	T 13
W14	6 47 54	13°38'02	3♌24	25° 5	28° 8	11° 2	9°18	22°45	10°27	13°29	13°53	20°54	22°16	24° 0	n.a.	W14
T 15	6 51 51	14°38'24	18°22	24°50	29°15	11°13	9°27	22°43	10°25	13°30	13°54	20°47	22°12	24° 6	n.a.	T 15
F 16	6 55 47	15°38'44	3♍ 9	24°42	0♗22	11°25	9°36	22°41	10°22	13°31	13°56	20°44	22° 9	24°13	n.a.	F 16
S 17	6 59 44	16°39'03	17°41	24°D41	1°29	11°37	9°45	22°39	10°19	13°33	13°57	20°D43	22° 6	24°20	n.a.	S 17
S 18	7 3 40	17°39'21	1♎54	24°47	2°36	11°50	9°54	22°37	10°17	13°34	13°58	20°43	22° 3	24°26	n.a.	S 18
M19	7 7 37	18°39'36	15°46	24°58	3°43	12° 3	10° 3	22°36	10°14	13°35	14° 0	20°R43	22° 0	24°33	n.a.	M19
T 20	7 11 34	19°39'50	29°20	25°16	4°51	12°16	10°11	22°34	10°12	13°36	14° 1	20°43	21°56	24°40	n.a.	T 20
W21	7 15 30	20°40'03	12♏36	25°40	5°59	12°31	10°20	22°32	10° 9	13°37	14° 3	20°41	21°53	24°46	n.a.	W21
T 22	7 19 27	21°40'14	25°37	26° 8	7° 7	12°45	10°28	22°31	10° 6	13°39	14° 4	20°36	21°50	24°53	n.a.	T 22
F 23	7 23 23	22°40'23	8♗24	26°41	8°15	13° 0	10°36	22°30	10° 4	13°40	14° 6	20°29	21°47	25° 0	n.a.	F 23
S 24	7 27 20	23°40'30	20°59	27°19	9°23	13°16	10°44	22°29	10° 1	13°41	14° 7	20°19	21°44	25° 6	n.a.	S 24
S 25	7 31 16	24°40'35	3♉23	28° 0	10°31	13°32	10°52	22°28	9°59	13°42	14° 8	20° 9	21°41	25°13	n.a.	S 25
M26	7 35 13	25°40'39	15°38	28°46	11°39	13°48	11° 0	22°27	9°56	13°43	14°10	19°58	21°37	25°20	n.a.	M26
T 27	7 39 9	26°40'40	27°44	29°35	12°48	14° 5	11° 8	22°26	9°54	13°44	14°11	19°48	21°34	25°26	n.a.	T 27
W28	7 43 6	27°40'40	9♒42	0♉27	13°56	14°23	11°15	22°25	9°51	13°45	14°13	19°39	21°31	25°33	n.a.	W28
T 29	7 47 3	28°40'37	21°34	1°22	15° 5	14°40	11°22	22°24	9°49	13°46	14°14	19°33	21°28	25°40	n.a.	T 29
F 30	7 50 59	29°40'32	3♓21	2°20	16°14	14°58	11°30	22°24	9°46	13°47	14°16	19°29	21°25	25°46	n.a.	F 30
S 31	7 54 56	0♒40'24	15♓ 8	3♉21	17♗23	15♉17	11♏37	22♉24	9♋44	13♏47	14♒17	19°D28	21♍22	25♒53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s50	14 s 7	3n10	20 s36	3n 3	13 s10	3n16	17n17	2n30	13 s18	0n52	17n35	1 s22	23n55	0n34	14 s28	1n40	31 s54	15 s39	3n12	2n51	11 s45			n.a.
F 2	23 49	11 15	2 18	20 26	3 16	13 31	3 14	17 18	2 30	13 22	0 52	17 35	1 22	23 55	0 34	14 28	1 40	31 54	15 39	3 14	2 52	11 44			n.a.
S 3	23 48	7 57	1 20	20 18	3 27	13 52	3 12	17 19	2 30	13 25	0 52	17 34	1 22	23 56	0 34	14 29	1 40	31 53	15 39	3 15	2 53	11 43			n.a.
S 4	23 47	4 19	0 18	20 11	3 36	14 12	3 10	17 20	2 30	13 28	0 52	17 33	1 22	23 56	0 34	14 29	1 40	31 53	15 39	3 16	2 54	11 41			n.a.
M 5	23 45	0 30	0 s45	20 6	3 42	14 33	3 7	17 22	2 30	13 32	0 52	17 33	1 22	23 56	0 34	14 29	1 40	31 52	15 39	3 16	2 56	11 40			n.a.
T 6	23 43	3n25	1 48	20 3	3 46	14 53	3 5	17 23	2 30	13 35	0 52	17 32	1 21	23 56	0 34	14 30	1 40	31 52	15 38	3 16	2 57	11 38			n.a.
W 7	23 40	7 16	2 46	20 2	3 48	15 13	3 2	17 25	2 30	13 38	0 52	17 32	1 21	23 57	0 34	14 30	1 40	31 51	15 38	3 16	2 58	11 37			n.a.
T 8	23 36	10 55	3 38	20 2	3 48	15 33	3 0	17 27	2 29	13 42	0 52	17 31	1 21	23 57	0 34	14 31	1 40	31 50	15 38	3 18	3 0	11 35			n.a.
F 9	23 33	14 8	4 21	20 4	3 45	15 53	2 57	17 29	2 29	13 45	0 52	17 31	1 21	23 57	0 34	14 31	1 40	31 50	15 38	3 20	3 1	11 34			n.a.
S 10	23 28	16 42	4 50	20 7	3 41	16 12	2 54	17 32	2 29	13 48	0 52	17 30	1 21	23 57	0 34	14 32	1 40	31 49	15 38	3 24	3 2	11 32			n.a.
S 11	23 24	18 21	5 2	20 12	3 35	16 31	2 51	17 34	2 29	13 51	0 52	17 30	1 20	23 58	0 34	14 32	1 40	31 49	15 37	3 28	3 3	11 31			n.a.
M12	23 19	18 51	4 55	20 19	3 27	16 50	2 48	17 37	2 28	13 54	0 52	17 29	1 20	23 58	0 34	14 32	1 40	31 48	15 37	3 32	3 5	11 29			n.a.
T 13	23 13	18 6	4 29	20 26	3 19	17 8	2 45	17 40	2 28	13 57	0 52	17 29	1 20	23 58	0 34	14 33	1 40	31 47	15 37	3 36	3 6	11 28			n.a.
W14	23 7	16 5	3 44	20 35	3 9	17 26	2 42	17 43	2 28	14 0	0 53	17 29	1 20	23 58	0 34	14 33	1 40	31 47	15 37	3 40	3 7	11 26			n.a.
T 15	23 1	12 59	2 43	20 45	2 59	17 44	2 39	17 46	2 27	14 3	0 53	17 28	1 19	23 58	0 34	14 33	1 40	31 46	15 37	3 42	3 8	11 25			n.a.
F 16	22 54	9 5	1 32	20 55	2 48	18 2	2 35	17 49	2 27	14 6	0 53	17 28	1 19	23 59	0 34	14 34	1 40	31 46	15 37	3 44	3 10	11 23			n.a.
S 17	22 46	4 42	0 16	21 7	2 37	18 19	2 32	17 53	2 27	14 9	0 53	17 28	1 19	23 59	0 34	14 34	1 40	31 45	15 36	3 44	3 11	11 22			n.a.
S 18	22 39	0 8	0n59	21 19	2 25	18 36	2 29	17 57	2 26	14 11	0 53	17 27	1 19	23 59	0 34	14 35	1 40	31 45	15 36	3 44	3 12	11 20			n.a.
M19	22 30	4 s19	2 10	21 31	2 13	18 52	2 25	18 0	2 26	14 14	0 53	17 27	1 19	23 59	0 34	14 35	1 40	31 44	15 36	3 44	3 14	11 19			n.a.
T 20	22 22	8 27	3 11	21 44	2 1	19 8	2 22	18 4	2 25	14 17	0 53	17 27	1 18	23 59	0 34	14 35	1 40	31 43	15 36	3 44	3 15	11 17			n.a.
W21	22 13	12 3	4 1	21 57	1 49	19 23	2 18	18 8	2 25	14 19	0 53	17 27	1 18	24 0	0 34	14 35	1 40	31 43	15 36	3 45	3 16	11 16			n.a.
T 22	22 3	15 0	4 37	22 9	1 37	19 39	2 14	18 13	2 25	14 22	0 53	17 27	1 18	24 0	0 34	14 36	1 40	31 42	15 36	3 47	3 17	11 14			n.a.
F 23	21 53	17 9	4 58	22 22	1 25	19 53	2 11	18 17	2 24	14 24	0 53	17 27	1 18	24 0	0 34	14 36	1 40	31 42	15 36	3 50	3 19	11 13			n.a.
S 24	21 43	18 27	5 5	22 35	1 13	20 7	2 7	18 21	2 24	14 27	0 53	17 26	1 17	24 0	0 34	14 36	1 40	31 41	15 36	3 54	3 20	11 11			n.a.
S 25	21 32	18 50	4 57	22 47	1 2	20 21	2 3	18 26	2 23	14 29	0 53	17 26	1 17	24 0	0 34	14 37	1 41	31 41	15 35	3 58	3 21	11 10			n.a.
M26	21 21	18 20	4 35	22 59	0 50	20 34	2 0	18 31	2 23	14 32	0 53	17 26	1 17	24 1	0 34	14 37	1 41	31 40	15 35	4 2	3 22	11 8			n.a.
T 27	21 10	17 0	4 2	23 11	0 39	20 47	1 56	18 35	2 23	14 34	0 53	17 26	1 17	24 1	0 34	14 37	1 41	31 39	15 35	4 6	3 24	11 7			n.a.
W28	20 58	14 57	3 17	23 21	0 28	20 59	1 52	18 40	2 22	14 36	0 53	17 26	1 17	24 1	0 34	14 37	1 41	31 39	15 35	4 10	3 25	11 5			n.a.
T 29	20 46	12 16	2 25	23 32	0 18	21 11	1 48	18 45	2 22	14 39	0 53	17 27	1 16	24 1	0 34	14 38	1 41	31 38	15 35	4 12	3 26	11 4			n.a.
F 30	20 33	9 6	1 26	23 41	0 7	21 22	1 44	18 50	2 21	14 41	0 53	17 27	1 16	24 1	0 34	14 38	1 41	31 38	15 35	4 14	3 28	11 2			n.a.
S 31	20 s20	5 s36	0n23	23 s50	0 s 3	21 s33	1n40	18n55	2n21	14 s43	0n53	17n27	1 s16	24n 2	0n34	14 s38	1n41	31 s37	15 s35	4n14	3n29	11 s 1			n.a.

Julian Day Number = 1301750.5, Delta T = 07h49m42s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'08, Lahiri = -19°49'07 Julian Calendar 1 Jan. 1149 BCE == Greg. Calendar 21 Dec. 1150 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

FEBRUARY 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 52	1♒40'15	26♓57	4♉25	18♐32	15♉36	11♏44	22°R23	9°R42	13♏48	14♒19	19♍28	21♍18	25♒59	n.a.	S 1
M 2	8 2 49	2°40'03	8♈52	5°30	19°41	15°55	11°50	22♉23	9♋39	13°49	14°20	19°29	21°15	26° 6	n.a.	M 2
T 3	8 6 45	3°39'48	20°59	6°39	20°50	16°15	11°57	22°D23	9°37	13°50	14°22	19°30	21°12	26°13	n.a.	T 3
W 4	8 10 42	4°39'32	3♉21	7°49	21°59	16°35	12° 3	22°23	9°35	13°50	14°23	19°R31	21° 9	26°19	n.a.	W 4
T 5	8 14 38	5°39'12	16° 5	9° 1	23° 9	16°55	12°10	22°23	9°32	13°51	14°25	19°31	21° 6	26°26	n.a.	T 5
F 6	8 18 35	6°38'51	29°15	10°15	24°18	17°16	12°16	22°24	9°30	13°52	14°26	19°28	21° 2	26°33	n.a.	F 6
S 7	8 22 31	7°38'27	12♊53	11°31	25°28	17°37	12°22	22°24	9°28	13°52	14°28	19°24	20°59	26°39	n.a.	S 7
S 8	8 26 28	8°38'01	27° 1	12°49	26°37	17°59	12°28	22°25	9°26	13°53	14°29	19°19	20°56	26°46	n.a.	S 8
M 9	8 30 25	9°37'32	11♋35	14° 8	27°47	18°20	12°33	22°25	9°23	13°54	14°31	19°13	20°53	26°53	n.a.	M 9
T 10	8 34 21	10°37'01	26°31	15°29	28°57	18°43	12°39	22°26	9°21	13°54	14°32	19° 7	20°50	26°59	n.a.	T 10
W11	8 38 18	11°36'27	11♌41	16°52	0♊ 6	19° 5	12°44	22°27	9°19	13°55	14°34	19° 2	20°47	27° 6	n.a.	W11
T 12	8 42 14	12°35'52	26°54	18°16	1°16	19°28	12°50	22°28	9°17	13°55	14°35	18°58	20°43	27°13	n.a.	T 12
F 13	8 46 11	13°35'14	12♍ 1	19°42	2°26	19°50	12°55	22°29	9°15	13°55	14°37	18°D57	20°40	27°19	n.a.	F 13
S 14	8 50 7	14°34'34	26°52	21° 9	3°36	20°14	13° 0	22°30	9°13	13°56	14°39	18°57	20°37	27°26	n.a.	S 14
S 15	8 54 4	15°33'53	11♎23	22°38	4°46	20°37	13° 4	22°32	9°11	13°56	14°40	18°58	20°34	27°33	n.a.	S 15
M16	8 58 0	16°33'09	25°29	24° 8	5°57	21° 1	13° 9	22°33	9° 9	13°57	14°42	18°59	20°31	27°39	n.a.	M16
T 17	9 1 57	17°32'23	9♏11	25°40	7° 7	21°25	13°13	22°34	9° 7	13°57	14°43	19° 1	20°28	27°46	n.a.	T 17
W18	9 5 54	18°31'36	22°29	27°13	8°17	21°49	13°17	22°36	9° 5	13°57	14°45	19°R 1	20°24	27°53	n.a.	W18
T 19	9 9 50	19°30'47	5♐26	28°47	9°28	22°14	13°21	22°38	9° 4	13°57	14°46	19° 0	20°21	27°59	n.a.	T 19
F 20	9 13 47	20°29'55	18° 5	0♒23	10°38	22°38	13°25	22°40	9° 2	13°58	14°48	18°57	20°18	28° 6	n.a.	F 20
S 21	9 17 43	21°29'02	0♑29	2° 1	11°48	23° 4	13°29	22°42	9° 0	13°58	14°49	18°54	20°15	28°13	n.a.	S 21
S 22	9 21 40	22°28'07	12°41	3°39	12°59	23°29	13°33	22°44	8°58	13°58	14°51	18°49	20°12	28°19	n.a.	S 22
M23	9 25 36	23°27'10	24°44	5°19	14°10	23°54	13°36	22°46	8°57	13°58	14°52	18°45	20° 8	28°26	n.a.	M23
T 24	9 29 33	24°26'11	6♒39	7° 1	15°20	24°20	13°39	22°48	8°55	13°58	14°54	18°41	20° 5	28°33	n.a.	T 24
W25	9 33 29	25°25'10	18°30	8°44	16°31	24°46	13°42	22°51	8°53	13°R58	14°55	18°37	20° 2	28°39	n.a.	W25
T 26	9 37 26	26°24'06	0♓18	10°28	17°42	25°12	13°45	22°53	8°52	13°58	14°57	18°35	19°59	28°46	n.a.	T 26
F 27	9 41 22	27°23'00	12° 6	12°14	18°52	25°39	13°47	22°56	8°50	13°58	14°58	18°34	19°56	28°53	n.a.	F 27
S 28	9 45 19	28°21'53	23°55	14° 1	20° 3	26° 5	13°50	22°58	8°49	13°58	15° 0	18°D34	19°53	28°59	n.a.	S 28
S 29	9 49 16	29♒20'42	5♈48	15♒50	21♉14	26♉32	13♏52	23♉ 1	8♋48	13♏58	15♒ 1	18♍34	19♍49	29♒ 6	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 7	1s51	0s40	23s58	0s12	21s43	1n37	19n 1	2n20	14s45	0n53	17n27	1s16	24n 2	0n34	14s38	1n41	31s37	15s35	4n14	3n30	10s59		n.a.
M 2	19 53	2n 0	1 43	24 4	0 22	21 53	1 33	19 6	2 20	14 47	0 53	17 27	1 15	24 2	0 34	14 38	1 41	31 36	15 35	4 14	3 31	10 58		n.a.
T 3	19 39	5 49	2 42	24 10	0 31	22 2	1 29	19 11	2 19	14 49	0 54	17 27	1 15	24 2	0 34	14 39	1 41	31 36	15 35	4 13	3 33	10 56		n.a.
W 4	19 25	9 28	3 35	24 15	0 40	22 10	1 25	19 17	2 19	14 51	0 54	17 28	1 15	24 2	0 34	14 39	1 41	31 35	15 35	4 13	3 34	10 55		n.a.
T 5	19 10	12 47	4 19	24 19	0 48	22 18	1 21	19 22	2 18	14 53	0 54	17 28	1 15	24 2	0 34	14 39	1 41	31 35	15 35	4 13	3 35	10 53		n.a.
F 6	18 55	15 35	4 51	24 21	0 56	22 25	1 17	19 28	2 18	14 55	0 54	17 28	1 14	24 3	0 34	14 39	1 41	31 34	15 35	4 14	3 36	10 52		n.a.
S 7	18 39	17 37	5 8	24 23	1 4	22 32	1 13	19 34	2 18	14 57	0 54	17 28	1 14	24 3	0 34	14 39	1 41	31 34	15 35	4 16	3 38	10 50		n.a.
S 8	18 24	18 40	5 8	24 22	1 11	22 38	1 9	19 39	2 17	14 58	0 54	17 29	1 14	24 3	0 34	14 39	1 41	31 33	15 35	4 18	3 39	10 49		n.a.
M 9	18 8	18 33	4 47	24 21	1 18	22 43	1 5	19 45	2 17	15 0	0 54	17 29	1 14	24 3	0 34	14 39	1 41	31 33	15 35	4 20	3 40	10 47		n.a.
T 10	17 52	17 9	4 7	24 18	1 24	22 48	1 1	19 51	2 16	15 2	0 54	17 30	1 14	24 3	0 34	14 40	1 41	31 32	15 35	4 23	3 42	10 46		n.a.
W11	17 35	14 32	3 9	24 14	1 30	22 52	0 57	19 57	2 16	15 3	0 54	17 30	1 13	24 3	0 34	14 40	1 41	31 32	15 35	4 25	3 43	10 44		n.a.
T 12	17 18	10 55	1 57	24 9	1 36	22 56	0 53	20 3	2 15	15 5	0 54	17 31	1 13	24 3	0 34	14 40	1 41	31 31	15 35	4 26	3 44	10 42		n.a.
F 13	17 1	6 35	0 38	24 2	1 41	22 59	0 49	20 9	2 15	15 6	0 54	17 31	1 13	24 4	0 34	14 40	1 41	31 31	15 35	4 27	3 45	10 41		n.a.
S 14	16 43	1 55	0n43	23 53	1 46	23 1	0 46	20 15	2 14	15 8	0 54	17 32	1 13	24 4	0 34	14 40	1 41	31 30	15 35	4 27	3 47	10 39		n.a.
S 15	16 26	2s44	2 0	23 43	1 51	23 3	0 42	20 20	2 14	15 9	0 54	17 32	1 12	24 4	0 34	14 40	1 42	31 30	15 35	4 26	3 48	10 38		n.a.
M16	16 8	7 7	3 7	23 31	1 55	23 4	0 38	20 26	2 13	15 11	0 54	17 33	1 12	24 4	0 34	14 40	1 42	31 29	15 35	4 26	3 49	10 36		n.a.
T 17	15 50	10 59	4 1	23 18	1 59	23 4	0 34	20 33	2 13	15 12	0 54	17 33	1 12	24 4	0 34	14 40	1 42	31 29	15 35	4 25	3 50	10 35		n.a.
W18	15 31	14 10	4 41	23 3	2 2	23 4	0 30	20 39	2 12	15 13	0 54	17 34	1 12	24 4	0 34	14 40	1 42	31 28	15 35	4 25	3 52	10 33		n.a.
T 19	15 12	16 33	5 5	22 46	2 5	23 3	0 26	20 45	2 12	15 14	0 55	17 35	1 11	24 4	0 34	14 40	1 42	31 28	15 35	4 25	3 53	10 32		n.a.
F 20	14 53	18 5	5 14	22 28	2 7	23 1	0 23	20 51	2 11	15 15	0 55	17 35	1 11	24 4	0 34	14 40	1 42	31 27	15 35	4 26	3 54	10 30		n.a.
S 21	14 34	18 42	5 7	22 8	2 9	22 59	0 19	20 57	2 11	15 16	0 55	17 36	1 11	24 5	0 34	14 40	1 42	31 27	15 35	4 28	3 55	10 29		n.a.
S 22	14 15	18 27	4 47	21 46	2 11	22 56	0 15	21 3	2 10	15 17	0 55	17 37	1 11	24 5	0 34	14 40	1 42	31 26	15 35	4 30	3 57	10 27		n.a.
M23	13 55	17 22	4 14	21 22	2 12	22 52	0 12	21 9	2 10	15 18	0 55	17 38	1 11	24 5	0 34	14 40	1 42	31 26	15 35	4 31	3 58	10 25		n.a.
T 24	13 35	15 31	3 31	20 57	2 12	22 48	0 8	21 15	2 9	15 19	0 55	17 38	1 10	24 5	0 34	14 40	1 42	31 26	15 35	4 33	3 59	10 24		n.a.
W25	13 15	13 1	2 38	20 30	2 12	22 43	0 4	21 21	2 9	15 20	0 55	17 39	1 10	24 5	0 34	14 40	1 42	31 25	15 35	4 34	4 1	10 22		n.a.
T 26	12 55	10 0	1 39	20 1	2 12	22 37	0 1	21 27	2 8	15 21	0 55	17 40	1 10	24 5	0 33	14 40	1 42	31 25	15 35	4 35	4 2	10 21		n.a.
F 27	12 35	6 35	0 36	19 30	2 11	22 31	0s 3	21 33	2 8	15 22	0 55	17 41	1 10	24 5	0 33	14 40	1 42	31 24	15 35	4 36	4 3	10 19		n.a.
S 28	12 14	2 54	0s30	18 57	2 9	22 24	0 6	21 39	2 7	15 22	0 55	17 42	1 9	24 5	0 33	14 40	1 42	31 24	15 35	4 36	4 4	10 18		n.a.
S 29	11s53	0n54	1s34	18s22	2s 7	22s17	0s 9	21n45	2n 7	15s23	0n55	17n43	1s 9	24n 5	0n33	14s40	1n42	31s24	15s35	4n35	4n 6	10s16		n.a.

Julian Day Number = 1301781.5, Delta T = 07h49m41s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'04, Lahiri = -19°49'03 Julian Calendar 1 Feb. 1149 BCE == Greg. Calendar 21 Jan. 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

MARCH 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 53 12	0♓19'30	17♈48	17♒40	22♉25	26♉59	13♏54	23♉ 4	8°R46	13°R58	15♒ 3	18♍36	19♍46	29♒13	n.a.	M 1
T 2	9 57 9	1°18'15	29°59	19°32	23°36	27°26	13°56	23° 7	8♋45	13♏57	15° 4	18°37	19°43	29°19	n.a.	T 2
W 3	10 1 5	2°16'58	12♉24	21°25	24°47	27°54	13°58	23°10	8°44	13°57	15° 6	18°39	19°40	29°26	n.a.	W 3
T 4	10 5 2	3°15'39	25° 7	23°20	25°58	28°21	13°59	23°13	8°43	13°57	15° 7	18°39	19°37	29°33	n.a.	T 4
F 5	10 8 58	4°14'17	8♊12	25°16	27° 9	28°49	14° 1	23°17	8°41	13°57	15° 9	18°R39	19°33	29°39	n.a.	F 5
S 6	10 12 55	5°12'53	21°42	27°13	28°20	29°17	14° 2	23°20	8°40	13°56	15°10	18°39	19°30	29°46	n.a.	S 6
S 7	10 16 51	6°11'26	5♋39	29°12	29°31	29°45	14° 3	23°24	8°39	13°56	15°12	18°38	19°27	29°52	n.a.	S 7
M 8	10 20 48	7° 9'57	20° 2	1♓13	0♒42	0♊13	14° 3	23°27	8°38	13°56	15°13	18°37	19°24	29°59	n.a.	M 8
T 9	10 24 44	8° 8'26	4♌47	3°14	1°53	0°42	14° 4	23°31	8°37	13°55	15°14	18°35	19°21	0♓ 6	n.a.	T 9
W10	10 28 41	9° 6'53	19°50	5°17	3° 4	1°11	14° 4	23°35	8°36	13°55	15°16	18°34	19°18	0°12	n.a.	W10
T 11	10 32 38	10° 5'17	5♍ 2	7°22	4°16	1°39	14° 5	23°38	8°35	13°54	15°17	18°34	19°14	0°19	n.a.	T 11
F 12	10 36 34	11° 3'40	20°13	9°27	5°27	2° 8	14°R 5	23°42	8°35	13°54	15°19	18°D33	19°11	0°26	n.a.	F 12
S 13	10 40 31	12° 2'00	5♎14	11°33	6°38	2°37	14° 4	23°46	8°34	13°53	15°20	18°34	19° 8	0°32	n.a.	S 13
S 14	10 44 27	13° 0'19	19°57	13°40	7°50	3° 7	14° 4	23°50	8°33	13°53	15°21	18°34	19° 5	0°39	n.a.	S 14
M15	10 48 24	13°58'36	4♏17	15°47	9° 1	3°36	14° 4	23°55	8°33	13°52	15°23	18°35	19° 2	0°46	n.a.	M15
T 16	10 52 20	14°56'51	18°10	17°55	10°12	4° 6	14° 3	23°59	8°32	13°52	15°24	18°35	18°59	0°52	n.a.	T 16
W17	10 56 17	15°55'04	1♐37	20° 3	11°24	4°35	14° 2	24° 3	8°31	13°51	15°25	18°35	18°55	0°59	n.a.	W17
T 18	11 0 13	16°53'16	14°38	22°11	12°35	5° 5	14° 1	24° 8	8°31	13°50	15°27	18°R35	18°52	1° 6	n.a.	T 18
F 19	11 4 10	17°51'27	27°17	24°19	13°47	5°35	13°59	24°12	8°30	13°50	15°28	18°35	18°49	1°12	n.a.	F 19
S 20	11 8 7	18°49'36	9♑38	26°26	14°58	6° 5	13°58	24°17	8°30	13°49	15°29	18°D35	18°46	1°19	n.a.	S 20
S 21	11 12 3	19°47'43	21°45	28°32	16°10	6°35	13°56	24°22	8°30	13°48	15°31	18°35	18°43	1°26	n.a.	S 21
M22	11 16 0	20°45'48	3♒41	0♈36	17°21	7° 6	13°54	24°27	8°29	13°47	15°32	18°36	18°39	1°32	n.a.	M22
T 23	11 19 56	21°43'52	15°32	2°39	18°33	7°36	13°52	24°31	8°29	13°47	15°33	18°36	18°36	1°39	n.a.	T 23
W24	11 23 53	22°41'54	27°19	4°40	19°45	8° 7	13°50	24°36	8°29	13°46	15°35	18°36	18°33	1°46	n.a.	W24
T 25	11 27 49	23°39'55	9♓ 6	6°39	20°56	8°38	13°48	24°41	8°29	13°45	15°36	18°37	18°30	1°52	n.a.	T 25
F 26	11 31 46	24°37'54	20°56	8°35	22° 8	9° 9	13°45	24°47	8°29	13°44	15°37	18°R37	18°27	1°59	n.a.	F 26
S 27	11 35 42	25°35'51	2♈51	10°29	23°20	9°40	13°42	24°52	8°D29	13°43	15°38	18°36	18°24	2° 6	n.a.	S 27
S 28	11 39 39	26°33'46	14°53	12°20	24°32	10°11	13°40	24°57	8°29	13°42	15°40	18°36	18°20	2°12	n.a.	S 28
M29	11 43 35	27°31'40	27° 4	14° 8	25°43	10°42	13°36	25° 2	8°29	13°41	15°41	18°35	18°17	2°19	n.a.	M29
T 30	11 47 32	28°29'32	9♉26	15°53	26°55	11°13	13°33	25° 8	8°29	13°40	15°42	18°33	18°14	2°25	n.a.	T 30
W31	11 51 29	29♓27'22	22♉ 1	17♈34	28♒ 7	11♊45	13♏30	25♉13	8♋29	13♏39	15♒43	18♍32	18♍11	2♓32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s32	4n43	2s35	17s46	2s 5	22s 8	0s13	21n51	2n 6	15s23	0n55	17n44	1s 9	24n 5	0n33	14s40	1n42	31s23	15s36	4n35	4n 7	10s14		n.a.
T 2	11 11	8 23	3 30	17 8	2 2	22 0	0 16	21 57	2 6	15 24	0 55	17 45	1 9	24 5	0 33	14 40	1 42	31 23	15 36	4 34	4 8	10 13		n.a.
W 3	10 50	11 45	4 16	16 27	1 58	21 50	0 19	22 3	2 5	15 24	0 55	17 46	1 9	24 5	0 33	14 39	1 42	31 22	15 36	4 34	4 9	10 11		n.a.
T 4	10 28	14 39	4 51	15 45	1 54	21 40	0 23	22 9	2 5	15 25	0 55	17 47	1 8	24 6	0 33	14 39	1 42	31 22	15 36	4 33	4 11	10 10		n.a.
F 5	10 7	16 54	5 12	15 1	1 50	21 29	0 26	22 15	2 4	15 25	0 55	17 48	1 8	24 6	0 33	14 39	1 42	31 22	15 36	4 33	4 12	10 8		n.a.
S 6	9 45	18 18	5 17	14 16	1 44	21 18	0 29	22 20	2 4	15 25	0 56	17 49	1 8	24 6	0 33	14 39	1 43	31 21	15 36	4 34	4 13	10 7		n.a.
S 7	9 23	18 39	5 3	13 28	1 39	21 6	0 32	22 26	2 3	15 26	0 56	17 50	1 8	24 6	0 33	14 39	1 43	31 21	15 36	4 34	4 14	10 5		n.a.
M 8	9 1	17 51	4 31	12 39	1 32	20 54	0 35	22 32	2 3	15 26	0 56	17 51	1 8	24 6	0 33	14 39	1 43	31 21	15 36	4 35	4 16	10 3		n.a.
T 9	8 39	15 49	3 40	11 48	1 25	20 41	0 38	22 37	2 2	15 26	0 56	17 52	1 7	24 6	0 33	14 39	1 43	31 20	15 37	4 35	4 17	10 2		n.a.
W10	8 17	12 41	2 33	10 56	1 18	20 27	0 41	22 43	2 2	15 26	0 56	17 53	1 7	24 6	0 33	14 38	1 43	31 20	15 37	4 35	4 18	10 0		n.a.
T 11	7 55	8 40	1 15	10 2	1 10	20 13	0 44	22 49	2 2	15 26	0 56	17 54	1 7	24 6	0 33	14 38	1 43	31 20	15 37	4 36	4 20	9 59		n.a.
F 12	7 32	4 5	0n 9	9 6	1 2	19 58	0 46	22 54	2 1	15 26	0 56	17 56	1 7	24 6	0 33	14 38	1 43	31 20	15 37	4 36	4 21	9 57		n.a.
S 13	7 10	0s43	1 31	8 9	0 53	19 42	0 49	23 0	2 1	15 26	0 56	17 57	1 7	24 6	0 33	14 38	1 43	31 19	15 37	4 36	4 22	9 56		n.a.
S 14	6 47	5 22	2 46	7 12	0 43	19 27	0 52	23 5	2 0	15 26	0 56	17 58	1 6	24 6	0 33	14 38	1 43	31 19	15 37	4 36	4 23	9 54		n.a.
M15	6 24	9 35	3 48	6 13	0 34	19 10	0 54	23 10	2 0	15 26	0 56	17 59	1 6	24 6	0 33	14 37	1 43	31 19	15 38	4 35	4 25	9 52		n.a.
T 16	6 1	13 8	4 34	5 13	0 24	18 53	0 57	23 15	1 59	15 25	0 56	18 1	1 6	24 6	0 33	14 37	1 43	31 18	15 38	4 35	4 26	9 51		n.a.
W17	5 38	15 51	5 4	4 12	0 13	18 35	0 59	23 21	1 59	15 25	0 56	18 2	1 6	24 6	0 33	14 37	1 43	31 18	15 38	4 35	4 27	9 49		n.a.
T 18	5 16	17 40	5 17	3 11	0 3	18 17	1 2	23 26	1 58	15 25	0 56	18 3	1 6	24 6	0 33	14 37	1 43	31 18	15 38	4 35	4 28	9 48		n.a.
F 19	4 52	18 34	5 14	2 10	0n 8	17 59	1 4	23 31	1 58	15 24	0 56	18 5	1 5	24 6	0 33	14 37	1 43	31 18	15 38	4 35	4 30	9 46		n.a.
S 20	4 29	18 32	4 57	1 9	0 19	17 40	1 6	23 36	1 57	15 24	0 56	18 6	1 5	24 6	0 33	14 36	1 43	31 17	15 38	4 35	4 31	9 44		n.a.
S 21	4 6	17 39	4 26	0 8	0 30	17 20	1 8	23 41	1 57	15 23	0 56	18 7	1 5	24 6	0 33	14 36	1 43	31 17	15 39	4 35	4 32	9 43		n.a.
M22	3 43	16 0	3 45	0n52	0 41	17 0	1 10	23 45	1 56	15 23	0 56	18 9	1 5	24 6	0 33	14 36	1 43	31 17	15 39	4 35	4 33	9 41		n.a.
T 23	3 20	13 41	2 54	1 52	0 52	16 39	1 12	23 50	1 56	15 22	0 56	18 10	1 5	24 6	0 33	14 35	1 43	31 17	15 39	4 35	4 35	9 40		n.a.
W24	2 57	10 48	1 56	2 50	1 3	16 18	1 14	23 55	1 55	15 21	0 56	18 11	1 4	24 6	0 33	14 35	1 43	31 17	15 39	4 35	4 36	9 38		n.a.
T 25	2 33	7 28	0 53	3 48	1 13	15 57	1 16	23 59	1 55	15 20	0 56	18 13	1 4	24 6	0 33	14 35	1 43	31 16	15 40	4 35	4 37	9 36		n.a.
F 26	2 10	3 51	0s13	4 44	1 23	15 35	1 18	24 4	1 54	15 20	0 56	18 14	1 4	24 6	0 33	14 35	1 43	31 16	15 40	4 35	4 38	9 35		n.a.
S 27	1 47	0 3	1 18	5 38	1 33	15 13	1 20	24 8	1 54	15 19	0 56	18 16	1 4	24 6	0 33	14 34	1 43	31 16	15 40	4 35	4 40	9 33		n.a.
S 28	1 23	3n48	2 21	6 31	1 42	14 50	1 22	24 12	1 53	15 18	0 56	18 17	1 4	24 6	0 33	14 34	1 43	31 16	15 40	4 35	4 41	9 31		n.a.
M29	1 0	7 31	3 18	7 21	1 51	14 27	1 23	24 16	1 53	15 17	0 57	18 19	1 3	24 6	0 33	14 34	1 44	31 16	15 41	4 35	4 42	9 30		n.a.
T 30	0 37	10 59	4 6	8 10	1 59	14 4	1 25	24 21	1 52	15 16	0 57	18 20	1 3	24 6	0 33	14 33	1 44	31 15	15 41	4 36	4 44	9 28		n.a.
W31	0s13	14n 0	4s44	8n57	2n 6	13s40	1s26	24n24	1n52	15s15	0n57	18n22	1s 3	24n 6	0n33	14s33	1n44	31s15	15s41	4n36	4n45	9s27		n.a.

Julian Day Number = 1301810.5, Delta T = 07h49m39s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°56'00, Lahiri = -19°48'59 Julian Calendar 1 March 1149 BCE == Greg. Calendar 19 Feb. 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

APRIL 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 25	0♈25'10	4♊51	19♈12	29♒19	12♊16	13°R26	25♉19	8♋29	13°R38	15♒44	18°R31	18♍ 8	2♓39	n.a.	T 1
F 2	11 59 22	1°22'56	17°59	20°46	0♓31	12°48	13♏22	25°24	8°30	13♏37	15°45	18♍30	18° 4	2°45	n.a.	F 2
S 3	12 3 18	2°20'41	1♋26	22°17	1°43	13°20	13°18	25°30	8°30	13°36	15°47	18°D30	18° 1	2°52	n.a.	S 3
S 4	12 7 15	3°18'24	15°14	23°44	2°54	13°52	13°14	25°36	8°31	13°35	15°48	18°30	17°58	2°59	n.a.	S 4
M 5	12 11 11	4°16'05	29°22	25° 7	4° 6	14°24	13°10	25°42	8°31	13°34	15°49	18°31	17°55	3° 5	n.a.	M 5
T 6	12 15 8	5°13'44	13♌51	26°26	5°18	14°56	13° 5	25°48	8°32	13°33	15°50	18°32	17°52	3°12	n.a.	T 6
W 7	12 19 4	6°11'21	28°35	27°42	6°30	15°28	13° 1	25°54	8°32	13°31	15°51	18°33	17°49	3°19	n.a.	W 7
T 8	12 23 1	7° 8'57	13♍30	28°53	7°42	16° 1	12°56	26° 0	8°33	13°30	15°52	18°R33	17°45	3°25	n.a.	T 8
F 9	12 26 58	8° 6'31	28°29	0♉ 1	8°54	16°33	12°51	26° 6	8°33	13°29	15°53	18°33	17°42	3°32	n.a.	F 9
S 10	12 30 54	9° 4'04	13♎24	1° 5	10° 6	17° 6	12°46	26°12	8°34	13°28	15°54	18°32	17°39	3°39	n.a.	S 10
S 11	12 34 51	10° 1'35	28° 7	2° 4	11°18	17°38	12°41	26°18	8°35	13°26	15°55	18°30	17°36	3°45	n.a.	S 11
M12	12 38 47	10°59'05	12♏30	2°59	12°30	18°11	12°35	26°24	8°36	13°25	15°56	18°27	17°33	3°52	n.a.	M12
T 13	12 42 44	11°56'34	26°30	3°50	13°42	18°44	12°30	26°31	8°37	13°24	15°57	18°24	17°30	3°59	n.a.	T 13
W14	12 46 40	12°54'02	10♐ 3	4°37	14°55	19°16	12°24	26°37	8°38	13°23	15°58	18°21	17°26	4° 5	n.a.	W14
T 15	12 50 37	13°51'29	23° 9	5°19	16° 7	19°49	12°19	26°43	8°39	13°21	15°59	18°19	17°23	4°12	n.a.	T 15
F 16	12 54 33	14°48'56	5♑52	5°57	17°19	20°22	12°13	26°50	8°40	13°20	16° 0	18°17	17°20	4°19	n.a.	F 16
S 17	12 58 30	15°46'21	18°15	6°30	18°31	20°56	12° 7	26°56	8°41	13°18	16° 1	18°D17	17°17	4°25	n.a.	S 17
S 18	13 2 26	16°43'45	0♒21	6°59	19°43	21°29	12° 1	27° 3	8°42	13°17	16° 1	18°17	17°14	4°32	n.a.	S 18
M19	13 6 23	17°41'09	12°16	7°23	20°56	22° 2	11°54	27°10	8°43	13°16	16° 2	18°19	17°10	4°38	n.a.	M19
T 20	13 10 20	18°38'31	24° 5	7°43	22° 8	22°36	11°48	27°16	8°44	13°14	16° 3	18°21	17° 7	4°45	n.a.	T 20
W21	13 14 16	19°35'53	5♓52	7°58	23°20	23° 9	11°41	27°23	8°46	13°13	16° 4	18°22	17° 4	4°52	n.a.	W21
T 22	13 18 13	20°33'14	17°41	8° 8	24°32	23°43	11°35	27°30	8°47	13°11	16° 5	18°R23	17° 1	4°58	n.a.	T 22
F 23	13 22 9	21°30'34	29°36	8°13	25°45	24°16	11°28	27°37	8°48	13°10	16° 5	18°22	16°58	5° 5	n.a.	F 23
S 24	13 26 6	22°27'53	11♈40	8°R14	26°57	24°50	11°21	27°44	8°50	13° 8	16° 6	18°20	16°55	5°12	n.a.	S 24
S 25	13 30 2	23°25'11	23°54	8°11	28° 9	25°24	11°15	27°51	8°51	13° 7	16° 7	18°16	16°51	5°18	n.a.	S 25
M26	13 33 59	24°22'28	6♉21	8° 3	29°22	25°58	11° 8	27°57	8°53	13° 5	16° 8	18°11	16°48	5°25	n.a.	M26
T 27	13 37 55	25°19'44	19° 0	7°51	0♈34	26°32	11° 1	28° 4	8°54	13° 4	16° 8	18° 5	16°45	5°32	n.a.	T 27
W28	13 41 52	26°17'00	1♊53	7°35	1°47	27° 6	10°53	28°12	8°56	13° 2	16° 9	17°59	16°42	5°38	n.a.	W28
T 29	13 45 49	27°14'14	14°59	7°15	2°59	27°40	10°46	28°19	8°58	13° 1	16°10	17°53	16°39	5°45	n.a.	T 29
F 30	13 49 45	28♈11'28	28♊18	6♉52	4♈12	28♊14	10♏39	28♉26	8♋59	12♏59	16♒10	17♍48	16♍36	5♓52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n10	16n24	5s 8	9n41	2n13	13s16	1s27	24n28	1n51	15s14	0n57	18n23	1s 3	24n 6	0n33	14s33	1n44	31s15	15s41	4n37	4n46	9s25		n.a.
F 2	0 33	18 1	5 17	10 23	2 19	12 51	1 29	24 32	1 51	15 13	0 57	18 25	1 3	24 6	0 33	14 32	1 44	31 15	15 42	4 37	4 47	9 23		n.a.
S 3	0 57	18 40	5 9	11 3	2 25	12 26	1 30	24 36	1 50	15 11	0 57	18 26	1 3	24 6	0 33	14 32	1 44	31 15	15 42	4 37	4 49	9 22		n.a.
S 4	1 20	18 15	4 43	11 40	2 30	12 1	1 31	24 39	1 50	15 10	0 57	18 28	1 2	24 6	0 33	14 31	1 44	31 15	15 42	4 37	4 50	9 20		n.a.
M 5	1 43	16 42	4 0	12 15	2 33	11 35	1 32	24 43	1 49	15 9	0 57	18 29	1 2	24 6	0 33	14 31	1 44	31 15	15 42	4 37	4 51	9 18		n.a.
T 6	2 7	14 4	3 1	12 47	2 37	11 9	1 33	24 46	1 49	15 7	0 57	18 31	1 2	24 6	0 33	14 31	1 44	31 15	15 43	4 36	4 52	9 17		n.a.
W 7	2 30	10 28	1 48	13 17	2 39	10 43	1 34	24 49	1 48	15 6	0 57	18 33	1 2	24 6	0 33	14 30	1 44	31 15	15 43	4 36	4 54	9 15		n.a.
T 8	2 53	6 10	0 28	13 45	2 40	10 17	1 35	24 52	1 48	15 5	0 57	18 34	1 2	24 5	0 33	14 30	1 44	31 15	15 43	4 36	4 55	9 14		n.a.
F 9	3 16	1 27	0n55	14 10	2 41	9 50	1 36	24 55	1 48	15 3	0 57	18 36	1 2	24 5	0 33	14 30	1 44	31 14	15 44	4 36	4 56	9 12		n.a.
S 10	3 39	3s20	2 13	14 32	2 40	9 23	1 36	24 58	1 47	15 2	0 57	18 37	1 1	24 5	0 33	14 29	1 44	31 14	15 44	4 36	4 57	9 10		n.a.
S 11	4 2	7 51	3 21	14 52	2 39	8 56	1 37	25 1	1 47	15 0	0 57	18 39	1 1	24 5	0 33	14 29	1 44	31 14	15 44	4 37	4 59	9 9		n.a.
M12	4 25	11 47	4 15	15 9	2 37	8 28	1 37	25 3	1 46	14 58	0 57	18 41	1 1	24 5	0 33	14 28	1 44	31 14	15 44	4 38	5 0	9 7		n.a.
T 13	4 48	14 57	4 52	15 24	2 34	8 1	1 38	25 6	1 46	14 57	0 57	18 42	1 1	24 5	0 33	14 28	1 44	31 14	15 45	4 40	5 1	9 5		n.a.
W14	5 11	17 11	5 12	15 36	2 29	7 33	1 38	25 8	1 45	14 55	0 56	18 44	1 1	24 5	0 33	14 27	1 44	31 14	15 45	4 41	5 2	9 4		n.a.
T 15	5 33	18 26	5 14	15 46	2 24	7 4	1 39	25 10	1 45	14 53	0 56	18 46	1 1	24 5	0 32	14 27	1 44	31 14	15 45	4 42	5 4	9 2		n.a.
F 16	5 56	18 42	5 0	15 53	2 18	6 36	1 39	25 12	1 44	14 51	0 56	18 47	1 0	24 5	0 32	14 27	1 44	31 14	15 46	4 42	5 5	9 0		n.a.
S 17	6 18	18 3	4 33	15 58	2 11	6 8	1 39	25 14	1 44	14 50	0 56	18 49	1 0	24 5	0 32	14 26	1 44	31 14	15 46	4 42	5 6	8 59		n.a.
S 18	6 41	16 36	3 54	16 0	2 3	5 39	1 39	25 16	1 43	14 48	0 56	18 51	1 0	24 5	0 32	14 26	1 44	31 14	15 46	4 42	5 7	8 57		n.a.
M19	7 3	14 26	3 6	16 0	1 54	5 10	1 39	25 18	1 43	14 46	0 56	18 52	1 0	24 5	0 32	14 25	1 44	31 14	15 47	4 42	5 9	8 55		n.a.
T 20	7 25	11 41	2 10	15 57	1 44	4 41	1 39	25 19	1 42	14 44	0 56	18 54	1 0	24 4	0 32	14 25	1 44	31 14	15 47	4 41	5 10	8 54		n.a.
W21	7 47	8 27	1 8	15 52	1 34	4 12	1 39	25 21	1 42	14 42	0 56	18 56	1 0	24 4	0 32	14 24	1 44	31 14	15 47	4 40	5 11	8 52		n.a.
T 22	8 9	4 53	0 4	15 44	1 22	3 42	1 39	25 22	1 41	14 40	0 56	18 57	1 0	24 4	0 32	14 24	1 44	31 14	15 48	4 40	5 12	8 50		n.a.
F 23	8 31	1 5	1s 1	15 34	1 9	3 13	1 38	25 23	1 41	14 38	0 56	18 59	0 59	24 4	0 32	14 23	1 44	31 15	15 48	4 40	5 14	8 49		n.a.
S 24	8 53	2n47	2 4	15 22	0 56	2 43	1 38	25 24	1 40	14 36	0 56	19 1	0 59	24 4	0 32	14 23	1 44	31 15	15 48	4 41	5 15	8 47		n.a.
S 25	9 14	6 37	3 2	15 7	0 42	2 14	1 38	25 25	1 40	14 34	0 56	19 2	0 59	24 4	0 32	14 23	1 44	31 15	15 49	4 43	5 16	8 46		n.a.
M26	9 36	10 12	3 52	14 50	0 27	1 44	1 37	25 25	1 39	14 32	0 56	19 4	0 59	24 4	0 32	14 22	1 44	31 15	15 49	4 45	5 18	8 44		n.a.
T 27	9 57	13 24	4 32	14 32	0 11	1 14	1 36	25 26	1 39	14 29	0 56	19 6	0 59	24 4	0 32	14 22	1 44	31 15	15 49	4 47	5 19	8 42		n.a.
W28	10 18	16 0	4 58	14 11	0s 5	0 45	1 36	25 26	1 38	14 27	0 56	19 8	0 59	24 3	0 32	14 21	1 44	31 15	15 50	4 50	5 20	8 41		n.a.
T 29	10 39	17 50	5 10	13 49	0 22	0 15	1 35	25 26	1 38	14 25	0 56	19 9	0 59	24 3	0 32	14 21	1 44	31 15	15 50	4 52	5 21	8 39		n.a.
F 30	11n 0	18n44	5s 5	13n25	0s38	0n15	1s34	25n26	1n37	14s23	0n56	19n11	0s58	24n 3	0n32	14s20	1n44	31s15	15s50	4n54	5n23	8s37		n.a.

Julian Day Number = 1301841.5, Delta T = 07h49m38s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'56, Lahiri = -19°48'55 Julian Calendar 1 Apr. 1149 BCE == Greg. Calendar 21 March 1149 BCE

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

MAY 1149 BCE (-1148) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 42	29♈ 8'40	11♋52	6°R26	5♈24	28♊48	10°R32	28♉33	9♋ 1	12°R58	16♒11	17°R45	16♍32	5♓58	n.a.	S 1
S 2	13 57 38	0♉ 5'52	25°39	5♉57	6°37	29°23	10♏24	28°40	9° 3	12♏56	16°11	17°D44	16°29	6° 5	n.a.	S 2
M 3	14 1 35	1° 3'03	9♌39	5°26	7°49	29°57	10°17	28°47	9° 5	12°55	16°12	17♍44	16°26	6°12	n.a.	M 3
T 4	14 5 31	2° 0'12	23°52	4°54	9° 2	0♋32	10° 9	28°55	9° 7	12°53	16°13	17°45	16°23	6°18	n.a.	T 4
W 5	14 9 28	2°57'21	8♍16	4°20	10°14	1° 6	10° 2	29° 2	9° 9	12°52	16°13	17°46	16°20	6°25	n.a.	W 5
T 6	14 13 24	3°54'28	22°49	3°46	11°27	1°41	9°54	29° 9	9°11	12°50	16°14	17°R46	16°16	6°31	n.a.	T 6
F 7	14 17 21	4°51'35	7♎26	3°13	12°39	2°16	9°47	29°17	9°13	12°48	16°14	17°45	16°13	6°38	n.a.	F 7
S 8	14 21 18	5°48'42	22° 1	2°40	13°52	2°50	9°39	29°24	9°15	12°47	16°14	17°41	16°10	6°45	n.a.	S 8
S 9	14 25 14	6°45'47	6♏29	2° 8	15° 4	3°25	9°31	29°31	9°17	12°45	16°15	17°36	16° 7	6°51	n.a.	S 9
M10	14 29 11	7°42'53	20°42	1°38	16°17	4° 0	9°24	29°39	9°19	12°44	16°15	17°28	16° 4	6°58	n.a.	M10
T 11	14 33 7	8°39'58	4♐37	1°11	17°30	4°35	9°16	29°46	9°22	12°42	16°16	17°20	16° 1	7° 5	n.a.	T 11
W12	14 37 4	9°37'02	18° 8	0°46	18°43	5°10	9° 9	29°54	9°24	12°40	16°16	17°12	15°57	7°11	n.a.	W12
T 13	14 41 0	10°34'07	1♑15	0°24	19°55	5°45	9° 1	0♊ 1	9°26	12°39	16°16	17° 5	15°54	7°18	n.a.	T 13
F 14	14 44 57	11°31'12	14° 0	0° 6	21° 8	6°20	8°53	0° 9	9°28	12°37	16°17	17° 0	15°51	7°25	n.a.	F 14
S 15	14 48 54	12°28'16	26°24	29♈52	22°21	6°56	8°46	0°17	9°31	12°35	16°17	16°56	15°48	7°31	n.a.	S 15
S 16	14 52 50	13°25'21	8♒31	29°42	23°34	7°31	8°38	0°24	9°33	12°34	16°17	16°D55	15°45	7°38	n.a.	S 16
M17	14 56 47	14°22'25	20°27	29°37	24°46	8° 6	8°30	0°32	9°36	12°32	16°18	16°55	15°41	7°45	n.a.	M17
T 18	15 0 43	15°19'30	2♓16	29°D36	25°59	8°42	8°23	0°40	9°38	12°31	16°18	16°56	15°38	7°51	n.a.	T 18
W19	15 4 40	16°16'34	14° 4	29°40	27°12	9°17	8°15	0°47	9°41	12°29	16°18	16°R56	15°35	7°58	n.a.	W19
T 20	15 8 36	17°13'39	25°56	29°48	28°25	9°53	8° 8	0°55	9°43	12°27	16°18	16°56	15°32	8° 5	n.a.	T 20
F 21	15 12 33	18°10'44	7♈56	0♉ 2	29°38	10°29	8° 0	1° 3	9°46	12°26	16°18	16°54	15°29	8°11	n.a.	F 21
S 22	15 16 29	19° 7'49	20° 9	0°20	0♉51	11° 4	7°53	1°10	9°49	12°24	16°18	16°49	15°26	8°18	n.a.	S 22
S 23	15 20 26	20° 4'54	2♉36	0°43	2° 4	11°40	7°45	1°18	9°51	12°23	16°19	16°42	15°22	8°24	n.a.	S 23
M24	15 24 23	21° 1'59	15°19	1°11	3°17	12°16	7°38	1°26	9°54	12°21	16°19	16°33	15°19	8°31	n.a.	M24
T 25	15 28 19	21°59'05	28°19	1°44	4°30	12°52	7°31	1°34	9°57	12°19	16°19	16°23	15°16	8°38	n.a.	T 25
W26	15 32 16	22°56'10	11♊34	2°21	5°43	13°28	7°24	1°41	10° 0	12°18	16°19	16°12	15°13	8°44	n.a.	W26
T 27	15 36 12	23°53'16	25° 3	3° 3	6°56	14° 4	7°17	1°49	10° 3	12°16	16°19	16° 1	15°10	8°51	n.a.	T 27
F 28	15 40 9	24°50'21	8♋43	3°50	8° 9	14°40	7°10	1°57	10° 5	12°15	16°R19	15°53	15° 7	8°58	n.a.	F 28
S 29	15 44 5	25°47'27	22°32	4°42	9°22	15°16	7° 3	2° 5	10° 8	12°13	16°19	15°47	15° 3	9° 4	n.a.	S 29
S 30	15 48 2	26°44'33	6♌29	5°38	10°35	15°52	6°56	2°13	10°11	12°12	16°19	15°43	15° 0	9°11	n.a.	S 30
M31	15 51 59	27♉41'38	20♌31	6♉38	11♉49	16♋29	6♏49	2♊20	10♋14	12♏10	16♒19	15♍41	14♍57	9♓18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n21	18n35	4s44	13n 1	0s55	0n45	1s34	25n26	1n37	14s21	0n55	19n13	0s58	24n 3	0n32	14s20	1n44	31s15	15s51	4n55	5n24	8s35		n.a.
S 2	11 41	17 21	4 5	12 35	1 12	1 15	1 33	25 26	1 36	14 18	0 55	19 15	0 58	24 3	0 32	14 19	1 44	31 15	15 51	4 56	5 25	8 34		n.a.
M 3	12 2	15 3	3 12	12 9	1 29	1 45	1 32	25 26	1 36	14 16	0 55	19 16	0 58	24 3	0 32	14 19	1 44	31 16	15 51	4 56	5 26	8 32		n.a.
T 4	12 22	11 48	2 6	11 43	1 46	2 15	1 31	25 25	1 36	14 14	0 55	19 18	0 58	24 3	0 32	14 18	1 44	31 16	15 52	4 55	5 28	8 30		n.a.
W 5	12 42	7 49	0 51	11 16	2 2	2 45	1 30	25 24	1 35	14 12	0 55	19 20	0 58	24 2	0 32	14 18	1 44	31 16	15 52	4 55	5 29	8 29		n.a.
T 6	13 2	3 19	0n27	10 50	2 17	3 15	1 28	25 24	1 35	14 9	0 55	19 22	0 58	24 2	0 32	14 17	1 44	31 16	15 53	4 55	5 30	8 27		n.a.
F 7	13 21	1s24	1 44	10 25	2 32	3 45	1 27	25 23	1 34	14 7	0 55	19 23	0 58	24 2	0 32	14 17	1 44	31 16	15 53	4 55	5 31	8 25		n.a.
S 8	13 40	6 1	2 54	10 0	2 46	4 14	1 26	25 21	1 34	14 5	0 55	19 25	0 57	24 2	0 32	14 16	1 44	31 17	15 53	4 57	5 33	8 24		n.a.
S 9	14 0	10 15	3 52	9 37	2 59	4 44	1 25	25 20	1 33	14 2	0 55	19 27	0 57	24 2	0 32	14 16	1 44	31 17	15 54	4 59	5 34	8 22		n.a.
M10	14 19	13 49	4 35	9 16	3 11	5 14	1 23	25 19	1 33	14 0	0 54	19 28	0 57	24 2	0 32	14 15	1 44	31 17	15 54	5 2	5 35	8 20		n.a.
T 11	14 37	16 30	5 0	8 56	3 21	5 43	1 22	25 17	1 32	13 58	0 54	19 30	0 57	24 1	0 32	14 15	1 44	31 17	15 54	5 5	5 36	8 19		n.a.
W12	14 56	18 12	5 7	8 38	3 31	6 13	1 20	25 15	1 32	13 55	0 54	19 32	0 57	24 1	0 32	14 14	1 44	31 17	15 55	5 8	5 38	8 17		n.a.
T 13	15 14	18 52	4 58	8 23	3 39	6 42	1 19	25 13	1 31	13 53	0 54	19 34	0 57	24 1	0 32	14 14	1 44	31 18	15 55	5 11	5 39	8 15		n.a.
F 14	15 32	18 32	4 34	8 10	3 46	7 11	1 17	25 11	1 31	13 51	0 54	19 35	0 57	24 1	0 32	14 13	1 44	31 18	15 55	5 13	5 40	8 14		n.a.
S 15	15 50	17 20	3 58	8 0	3 51	7 40	1 16	25 9	1 30	13 48	0 54	19 37	0 57	24 1	0 32	14 13	1 44	31 18	15 56	5 14	5 41	8 12		n.a.
S 16	16 7	15 21	3 11	7 53	3 56	8 9	1 14	25 6	1 30	13 46	0 54	19 39	0 56	24 1	0 32	14 12	1 44	31 18	15 56	5 15	5 43	8 10		n.a.
M17	16 25	12 44	2 17	7 48	3 59	8 38	1 12	25 4	1 29	13 44	0 53	19 41	0 56	24 0	0 32	14 12	1 44	31 19	15 57	5 15	5 44	8 9		n.a.
T 18	16 42	9 38	1 18	7 46	4 0	9 6	1 10	25 1	1 29	13 41	0 53	19 42	0 56	24 0	0 32	14 11	1 44	31 19	15 57	5 15	5 45	8 7		n.a.
W19	16 59	6 8	0 15	7 47	4 1	9 35	1 9	24 58	1 28	13 39	0 53	19 44	0 56	24 0	0 32	14 11	1 44	31 19	15 57	5 14	5 46	8 5		n.a.
T 20	17 15	2 22	0s48	7 51	4 0	10 3	1 7	24 55	1 28	13 37	0 53	19 46	0 56	24 0	0 32	14 10	1 44	31 20	15 58	5 15	5 48	8 3		n.a.
F 21	17 31	1n31	1 50	7 57	3 59	10 31	1 5	24 51	1 27	13 34	0 53	19 47	0 56	23 59	0 32	14 10	1 44	31 20	15 58	5 15	5 49	8 2		n.a.
S 22	17 47	5 25	2 48	8 6	3 56	10 59	1 3	24 48	1 27	13 32	0 53	19 49	0 56	23 59	0 32	14 9	1 44	31 20	15 58	5 17	5 50	8 0		n.a.
S 23	18 3	9 9	3 39	8 18	3 52	11 26	1 1	24 44	1 26	13 30	0 52	19 51	0 56	23 59	0 32	14 9	1 44	31 20	15 59	5 20	5 51	7 58		n.a.
M24	18 18	12 33	4 20	8 32	3 47	11 53	0 59	24 41	1 26	13 28	0 52	19 53	0 56	23 59	0 32	14 9	1 44	31 21	15 59	5 23	5 53	7 57		n.a.
T 25	18 34	15 25	4 48	8 49	3 41	12 20	0 57	24 37	1 25	13 25	0 52	19 54	0 56	23 59	0 32	14 8	1 44	31 21	16 0	5 28	5 54	7 55		n.a.
W26	18 48	17 33	5 2	9 8	3 35	12 47	0 55	24 32	1 25	13 23	0 52	19 56	0 55	23 58	0 32	14 8	1 44	31 21	16 0	5 32	5 55	7 53		n.a.
T 27	19 3	18 45	4 59	9 29	3 27	13 13	0 53	24 28	1 24	13 21	0 52	19 58	0 55	23 58	0 32	14 7	1 44	31 22	16 0	5 36	5 56	7 51		n.a.
F 28	19 17	18 53	4 40	9 53	3 19	13 39	0 50	24 24	1 24	13 19	0 52	19 59	0 55	23 58	0 32	14 7	1 44	31 22	16 1	5 39	5 58	7 50		n.a.
S 29	19 31	17 55	4 3	10 19	3 10	14 5	0 48	24 19	1 23	13 17	0 51	20 1	0 55	23 58	0 32	14 6	1 44	31 23	16 1	5 42	5 59	7 48		n.a.
S 30	19 45	15 51	3 12	10 46	3 1	14 31	0 46	24 14	1 23	13 15	0 51	20 3	0 55	23 57	0 32	14 6	1 44	31 23	16 1	5 43	6 0	7 46		n.a.
M31	19n58	12n50	2s10	11n16	2s51	14n56	0s44	24n 9	1n22	13s13	0n51	20n 4	0s55	23n57	0n32	14s 5	1n44	31s23	16s 2	5n44	6n 1	7s45		n.a.

Julian Day Number = 1301871.5, Delta T = 07h49m36s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'51, Lahiri = -19°48'51 Julian Calendar 1 May 1149 BCE == Greg. Calendar 20 Apr. 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

JUNE 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 55	28♉38'44	4♍38	7♉43	13♉ 2	17♋ 5	6°R43	2♊28	10♋17	12°R 8	16°R19	15°D41	14♍54	9♓24	n.a.	T 1
W 2	15 59 52	29°35'49	18°48	8°52	14°15	17°41	6♏36	2°36	10°20	12♏ 7	16♒18	15°R41	14°51	9°31	n.a.	W 2
T 3	16 3 48	0♊32'54	3♎ 1	10° 6	15°28	18°18	6°30	2°44	10°23	12° 5	16°18	15♍41	14°47	9°38	n.a.	T 3
F 4	16 7 45	1°30'00	17°14	11°23	16°41	18°54	6°23	2°52	10°26	12° 4	16°18	15°38	14°44	9°44	n.a.	F 4
S 5	16 11 41	2°27'06	1♏24	12°45	17°55	19°31	6°17	3° 0	10°30	12° 2	16°18	15°32	14°41	9°51	n.a.	S 5
S 6	16 15 38	3°24'12	15°28	14°12	19° 8	20° 8	6°11	3° 7	10°33	12° 1	16°18	15°24	14°38	9°58	n.a.	S 6
M 7	16 19 34	4°21'19	29°21	15°42	20°21	20°44	6° 5	3°15	10°36	11°59	16°18	15°13	14°35	10° 4	n.a.	M 7
T 8	16 23 31	5°18'26	12♐59	17°16	21°35	21°21	5°59	3°23	10°39	11°58	16°17	15° 1	14°32	10°11	n.a.	T 8
W 9	16 27 28	6°15'34	26°19	18°53	22°48	21°58	5°53	3°31	10°42	11°57	16°17	14°50	14°28	10°17	n.a.	W 9
T 10	16 31 24	7°12'42	9♑19	20°35	24° 1	22°35	5°48	3°39	10°46	11°55	16°17	14°39	14°25	10°24	n.a.	T 10
F 11	16 35 21	8° 9'52	21°59	22°20	25°15	23°12	5°42	3°47	10°49	11°54	16°16	14°30	14°22	10°31	n.a.	F 11
S 12	16 39 17	9° 7'02	4♒21	24° 8	26°28	23°49	5°37	3°54	10°52	11°52	16°16	14°24	14°19	10°37	n.a.	S 12
S 13	16 43 14	10° 4'13	16°27	25°59	27°42	24°26	5°32	4° 2	10°56	11°51	16°16	14°20	14°16	10°44	n.a.	S 13
M14	16 47 10	11° 1'25	28°22	27°53	28°55	25° 3	5°27	4°10	10°59	11°50	16°15	14°19	14°13	10°51	n.a.	M14
T 15	16 51 7	11°58'38	10♓12	29°50	0♊ 9	25°40	5°22	4°18	11° 2	11°48	16°15	14°18	14° 9	10°57	n.a.	T 15
W16	16 55 3	12°55'52	22° 1	1♊49	1°22	26°17	5°17	4°26	11° 6	11°47	16°15	14°18	14° 6	11° 4	n.a.	W16
T 17	16 59 0	13°53'07	3♈54	3°50	2°36	26°54	5°13	4°33	11° 9	11°46	16°14	14°17	14° 3	11°11	n.a.	T 17
F 18	17 2 57	14°50'23	15°58	5°52	3°50	27°32	5° 8	4°41	11°13	11°44	16°14	14°15	14° 0	11°17	n.a.	F 18
S 19	17 6 53	15°47'41	28°16	7°56	5° 3	28° 9	5° 4	4°49	11°16	11°43	16°13	14°10	13°57	11°24	n.a.	S 19
S 20	17 10 50	16°44'59	10♉53	10° 1	6°17	28°47	5° 0	4°57	11°20	11°42	16°13	14° 2	13°53	11°31	n.a.	S 20
M21	17 14 46	17°42'19	23°50	12° 6	7°31	29°24	4°56	5° 4	11°23	11°41	16°12	13°52	13°50	11°37	n.a.	M21
T 22	17 18 43	18°39'40	7♊ 8	14°12	8°45	0♌ 2	4°52	5°12	11°27	11°39	16°12	13°40	13°47	11°44	n.a.	T 22
W23	17 22 39	19°37'02	20°45	16°18	9°58	0°39	4°49	5°20	11°30	11°38	16°11	13°28	13°44	11°50	n.a.	W23
T 24	17 26 36	20°34'25	4♋38	18°24	11°12	1°17	4°45	5°27	11°34	11°37	16°11	13°17	13°41	11°57	n.a.	T 24
F 25	17 30 33	21°31'49	18°43	20°29	12°26	1°55	4°42	5°35	11°37	11°36	16°10	13° 7	13°38	12° 4	n.a.	F 25
S 26	17 34 29	22°29'14	2♌56	22°34	13°40	2°33	4°39	5°43	11°41	11°35	16° 9	13° 0	13°34	12°10	n.a.	S 26
S 27	17 38 26	23°26'40	17°12	24°38	14°54	3°10	4°36	5°50	11°44	11°34	16° 9	12°56	13°31	12°17	n.a.	S 27
M28	17 42 22	24°24'07	1♍26	26°41	16° 8	3°48	4°33	5°58	11°48	11°32	16° 8	12°54	13°28	12°24	n.a.	M28
T 29	17 46 19	25°21'34	15°38	28°42	17°22	4°26	4°31	6° 6	11°52	11°31	16° 7	12°D54	13°25	12°30	n.a.	T 29
W30	17 50 15	26♊19'03	29♍45	0♋43	18♊36	5♌ 4	4♏29	6♊13	11♋55	11♏30	16♒ 7	12°R54	13♍22	12♓37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n11	9n 4	0s58	11n47	2s40	15n21	0s42	24n 4	1n22	13s11	0n51	20n 6	0s55	23n57	0n32	14s 5	1n44	31s24	16s 2	5n44	6n 3	7s43		n.a.
W 2	20 24	4 45	0n17	12 20	2 29	15 45	0 39	23 59	1 21	13 9	0 51	20 8	0 55	23 57	0 32	14 4	1 44	31 24	16 3	5 44	6 4	7 41		n.a.
T 3	20 36	0 10	1 31	12 54	2 18	16 9	0 37	23 53	1 21	13 7	0 50	20 9	0 55	23 56	0 32	14 4	1 44	31 24	16 3	5 44	6 5	7 39		n.a.
F 4	20 48	4s26	2 39	13 30	2 6	16 33	0 35	23 48	1 20	13 5	0 50	20 11	0 55	23 56	0 32	14 3	1 44	31 25	16 3	5 45	6 6	7 38		n.a.
S 5	20 59	8 46	3 37	14 6	1 54	16 56	0 32	23 42	1 20	13 3	0 50	20 12	0 55	23 56	0 32	14 3	1 44	31 25	16 4	5 48	6 8	7 36		n.a.
S 6	21 11	12 34	4 22	14 44	1 42	17 19	0 30	23 36	1 19	13 1	0 50	20 14	0 54	23 56	0 32	14 3	1 44	31 26	16 4	5 51	6 9	7 34		n.a.
M 7	21 22	15 37	4 50	15 23	1 29	17 41	0 28	23 30	1 19	12 59	0 49	20 16	0 54	23 55	0 32	14 2	1 44	31 26	16 4	5 55	6 10	7 32		n.a.
T 8	21 32	17 45	5 1	16 2	1 17	18 3	0 25	23 23	1 18	12 58	0 49	20 17	0 54	23 55	0 32	14 2	1 44	31 26	16 5	6 0	6 11	7 31		n.a.
W 9	21 42	18 52	4 55	16 42	1 4	18 24	0 23	23 17	1 18	12 56	0 49	20 19	0 54	23 55	0 32	14 1	1 44	31 27	16 5	6 4	6 13	7 29		n.a.
T 10	21 52	18 56	4 34	17 21	0 52	18 45	0 20	23 10	1 17	12 54	0 49	20 20	0 54	23 55	0 32	14 1	1 44	31 27	16 6	6 8	6 14	7 27		n.a.
F 11	22 2	18 3	4 0	18 1	0 39	19 6	0 18	23 4	1 17	12 53	0 49	20 22	0 54	23 54	0 32	14 1	1 44	31 28	16 6	6 12	6 15	7 26		n.a.
S 12	22 11	16 20	3 15	18 41	0 27	19 26	0 15	22 57	1 16	12 51	0 48	20 23	0 54	23 54	0 32	14 0	1 44	31 28	16 6	6 14	6 16	7 24		n.a.
S 13	22 19	13 54	2 22	19 20	0 14	19 45	0 13	22 49	1 16	12 49	0 48	20 25	0 54	23 54	0 32	14 0	1 44	31 29	16 7	6 16	6 17	7 22		n.a.
M14	22 28	10 56	1 23	19 58	0 3	20 4	0 11	22 42	1 15	12 48	0 48	20 27	0 54	23 53	0 32	13 59	1 44	31 29	16 7	6 16	6 19	7 20		n.a.
T 15	22 36	7 32	0 22	20 35	0n 9	20 23	0 8	22 35	1 15	12 47	0 48	20 28	0 54	23 53	0 32	13 59	1 44	31 30	16 7	6 17	6 20	7 19		n.a.
W16	22 43	3 51	0s41	21 11	0 20	20 41	0 6	22 27	1 14	12 45	0 47	20 30	0 54	23 53	0 32	13 59	1 44	31 30	16 8	6 17	6 21	7 17		n.a.
T 17	22 50	0n 1	1 42	21 46	0 31	20 58	0 3	22 19	1 14	12 44	0 47	20 31	0 54	23 53	0 32	13 58	1 43	31 30	16 8	6 17	6 22	7 15		n.a.
F 18	22 57	3 56	2 39	22 18	0 41	21 15	0 1	22 11	1 13	12 43	0 47	20 33	0 54	23 52	0 32	13 58	1 43	31 31	16 8	6 18	6 24	7 13		n.a.
S 19	23 3	7 46	3 31	22 49	0 50	21 31	0n 2	22 3	1 13	12 41	0 47	20 34	0 53	23 52	0 32	13 58	1 43	31 31	16 9	6 20	6 25	7 12		n.a.
S 20	23 9	11 20	4 13	23 17	0 59	21 46	0 4	21 55	1 12	12 40	0 46	20 36	0 53	23 52	0 32	13 57	1 43	31 32	16 9	6 23	6 26	7 10		n.a.
M21	23 15	14 28	4 43	23 43	1 7	22 1	0 6	21 46	1 12	12 39	0 46	20 37	0 53	23 51	0 32	13 57	1 43	31 32	16 9	6 27	6 27	7 8		n.a.
T 22	23 20	16 56	4 59	24 7	1 15	22 16	0 9	21 38	1 11	12 38	0 46	20 39	0 53	23 51	0 32	13 56	1 43	31 33	16 10	6 31	6 29	7 6		n.a.
W23	23 25	18 32	4 58	24 28	1 21	22 30	0 11	21 29	1 11	12 37	0 46	20 40	0 53	23 51	0 32	13 56	1 43	31 33	16 10	6 36	6 30	7 5		n.a.
T 24	23 29	19 4	4 41	24 46	1 27	22 43	0 14	21 20	1 10	12 36	0 45	20 41	0 53	23 50	0 32	13 56	1 43	31 34	16 10	6 40	6 31	7 3		n.a.
F 25	23 33	18 27	4 5	25 1	1 33	22 55	0 16	21 11	1 10	12 35	0 45	20 43	0 53	23 50	0 32	13 56	1 43	31 34	16 11	6 44	6 32	7 1		n.a.
S 26	23 37	16 40	3 15	25 14	1 37	23 7	0 18	21 2	1 9	12 35	0 45	20 44	0 53	23 50	0 32	13 55	1 43	31 35	16 11	6 47	6 34	6 59		n.a.
S 27	23 40	13 51	2 12	25 24	1 41	23 18	0 21	20 52	1 8	12 34	0 45	20 46	0 53	23 49	0 32	13 55	1 43	31 35	16 11	6 49	6 35	6 58		n.a.
M28	23 42	10 12	1 0	25 31	1 44	23 28	0 23	20 43	1 8	12 33	0 44	20 47	0 53	23 49	0 32	13 55	1 43	31 36	16 12	6 49	6 36	6 56		n.a.
T 29	23 45	5 59	0n15	25 35	1 46	23 38	0 25	20 33	1 7	12 32	0 44	20 49	0 53	23 49	0 32	13 54	1 43	31 36	16 12	6 49	6 37	6 54		n.a.
W30	23n47	1n27	1n28	25n37	1n48	23n47	0n27	20n23	1n 7	12s32	0n44	20n50	0s53	23n48	0n32	13s54	1n43	31s37	16s12	6n49	6n39	6s52		n.a.

Julian Day Number = 1301902.5, Delta T = 07h49m34s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'47, Lahiri = -19°48'47 Julian Calendar 1 June 1149 BCE == Greg. Calendar 21 May 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

JULY 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 54 12	27♊16'32	13♎46	2♋42	19♊49	5♌42	4°R26	6♊21	11♋59	11°R29	16°R 6	12°R53	13♍18	12♓44	n.a.	T 1
F 2	17 58 8	28°14'03	27°42	4°40	21° 3	6°21	4♏24	6°28	12° 3	11♏28	16♒ 5	12♍50	13°15	12°50	n.a.	F 2
S 3	18 2 5	29°11'34	11♏30	6°37	22°18	6°59	4°23	6°36	12° 6	11°27	16° 4	12°45	13°12	12°57	n.a.	S 3
S 4	18 6 2	0♋ 9'07	25° 9	8°32	23°32	7°37	4°21	6°43	12°10	11°27	16° 4	12°37	13° 9	13° 4	n.a.	S 4
M 5	18 9 58	1° 6'41	8♐37	10°26	24°46	8°15	4°20	6°50	12°14	11°26	16° 3	12°27	13° 6	13°10	n.a.	M 5
T 6	18 13 55	2° 4'16	21°53	12°18	26° 0	8°54	4°18	6°58	12°17	11°25	16° 2	12°15	13° 3	13°17	n.a.	T 6
W 7	18 17 51	3° 1'53	4♑54	14° 9	27°14	9°32	4°17	7° 5	12°21	11°24	16° 1	12° 4	12°59	13°24	n.a.	W 7
T 8	18 21 48	3°59'31	17°39	15°59	28°28	10°11	4°17	7°12	12°25	11°23	16° 0	11°53	12°56	13°30	n.a.	T 8
F 9	18 25 44	4°57'11	0♒ 9	17°47	29°42	10°49	4°16	7°20	12°29	11°22	16° 0	11°45	12°53	13°37	n.a.	F 9
S 10	18 29 41	5°54'52	12°24	19°33	0♋56	11°28	4°15	7°27	12°32	11°21	15°59	11°38	12°50	13°43	n.a.	S 10
S 11	18 33 37	6°52'35	24°26	21°18	2°11	12° 7	4°15	7°34	12°36	11°21	15°58	11°35	12°47	13°50	n.a.	S 11
M12	18 37 34	7°50'19	6♓19	23° 2	3°25	12°45	4°D15	7°41	12°40	11°20	15°57	11°D33	12°44	13°57	n.a.	M12
T 13	18 41 31	8°48'06	18° 8	24°44	4°39	13°24	4°15	7°48	12°44	11°19	15°56	11°33	12°40	14° 3	n.a.	T 13
W14	18 45 27	9°45'54	29°56	26°25	5°53	14° 3	4°15	7°55	12°47	11°19	15°55	11°34	12°37	14°10	n.a.	W14
T 15	18 49 24	10°43'44	11♈49	28° 4	7° 8	14°42	4°16	8° 3	12°51	11°18	15°54	11°R34	12°34	14°17	n.a.	T 15
F 16	18 53 20	11°41'36	23°53	29°43	8°22	15°21	4°16	8°10	12°55	11°17	15°53	11°33	12°31	14°23	n.a.	F 16
S 17	18 57 17	12°39'30	6♉13	1♌19	9°37	16° 0	4°17	8°16	12°59	11°17	15°52	11°31	12°28	14°30	n.a.	S 17
S 18	19 1 13	13°37'26	18°53	2°55	10°51	16°39	4°18	8°23	13° 2	11°16	15°51	11°26	12°24	14°37	n.a.	S 18
M19	19 5 10	14°35'24	1♊56	4°29	12° 5	17°18	4°19	8°30	13° 6	11°16	15°50	11°19	12°21	14°43	n.a.	M19
T 20	19 9 6	15°33'24	15°24	6° 2	13°20	17°57	4°21	8°37	13°10	11°15	15°49	11°10	12°18	14°50	n.a.	T 20
W21	19 13 3	16°31'26	29°16	7°33	14°34	18°36	4°22	8°44	13°14	11°15	15°48	11° 1	12°15	14°57	n.a.	W21
T 22	19 17 0	17°29'30	13♋29	9° 3	15°49	19°16	4°24	8°51	13°17	11°14	15°47	10°53	12°12	15° 3	n.a.	T 22
F 23	19 20 56	18°27'35	27°58	10°32	17° 3	19°55	4°26	8°57	13°21	11°14	15°46	10°46	12° 9	15°10	n.a.	F 23
S 24	19 24 53	19°25'43	12♌35	11°59	18°18	20°34	4°28	9° 4	13°25	11°14	15°45	10°41	12° 5	15°17	n.a.	S 24
S 25	19 28 49	20°23'52	27°15	13°25	19°33	21°14	4°30	9°10	13°29	11°13	15°44	10°38	12° 2	15°23	n.a.	S 25
M26	19 32 46	21°22'02	11♍51	14°49	20°47	21°53	4°33	9°17	13°32	11°13	15°43	10°D37	11°59	15°30	n.a.	M26
T 27	19 36 42	22°20'15	26°18	16°12	22° 2	22°33	4°36	9°23	13°36	11°13	15°42	10°38	11°56	15°36	n.a.	T 27
W28	19 40 39	23°18'28	10♎33	17°34	23°16	23°13	4°38	9°30	13°40	11°13	15°41	10°39	11°53	15°43	n.a.	W28
T 29	19 44 35	24°16'44	24°35	18°54	24°31	23°52	4°41	9°36	13°44	11°12	15°40	10°R39	11°50	15°50	n.a.	T 29
F 30	19 48 32	25°15'01	8♏22	20°12	25°46	24°32	4°45	9°43	13°47	11°12	15°39	10°39	11°46	15°56	n.a.	F 30
S 31	19 52 28	26♋13'20	21♏56	21♌29	27♋ 0	25♌12	4♏48	9♊49	13♋51	11♏12	15♒37	10♍36	11♍43	16♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	3s 8	2n36	25n37	1n49	23n56	0n30	20n13	1n 6	12s31	0n44	20n51	0s53	23n48	0n32	13s54	1n43	31s37	16s12	6n50	6n40	6s50		n.a.
F 2	23 49	7 30	3 34	25 34	1 49	24 3	0 32	20 3	1 6	12 31	0 43	20 53	0 53	23 48	0 32	13 54	1 43	31 38	16 13	6 51	6 41	6 49		n.a.
S 3	23 50	11 25	4 19	25 28	1 49	24 10	0 34	19 53	1 5	12 31	0 43	20 54	0 53	23 47	0 32	13 53	1 43	31 38	16 13	6 53	6 42	6 47		n.a.
S 4	23 50	14 42	4 49	25 21	1 48	24 16	0 36	19 42	1 5	12 30	0 43	20 55	0 53	23 47	0 32	13 53	1 43	31 39	16 13	6 56	6 44	6 45		n.a.
M 5	23 49	17 8	5 2	25 11	1 47	24 22	0 38	19 32	1 4	12 30	0 43	20 57	0 52	23 47	0 32	13 53	1 43	31 39	16 14	7 0	6 45	6 43		n.a.
T 6	23 49	18 37	4 58	24 59	1 45	24 26	0 40	19 21	1 4	12 30	0 42	20 58	0 52	23 46	0 32	13 53	1 43	31 40	16 14	7 4	6 46	6 42		n.a.
W 7	23 48	19 5	4 39	24 46	1 43	24 30	0 43	19 10	1 3	12 30	0 42	20 59	0 52	23 46	0 32	13 52	1 43	31 41	16 14	7 9	6 47	6 40		n.a.
T 8	23 46	18 35	4 6	24 30	1 40	24 34	0 45	18 59	1 3	12 30	0 42	21 0	0 52	23 46	0 32	13 52	1 42	31 41	16 14	7 13	6 48	6 38		n.a.
F 9	23 44	17 10	3 22	24 13	1 36	24 36	0 47	18 48	1 2	12 30	0 42	21 2	0 52	23 45	0 32	13 52	1 42	31 42	16 15	7 16	6 50	6 36		n.a.
S 10	23 42	14 59	2 29	23 54	1 33	24 38	0 49	18 36	1 2	12 30	0 41	21 3	0 52	23 45	0 32	13 52	1 42	31 42	16 15	7 19	6 51	6 35		n.a.
S 11	23 39	12 10	1 30	23 34	1 28	24 39	0 50	18 25	1 1	12 30	0 41	21 4	0 52	23 45	0 32	13 52	1 42	31 43	16 15	7 20	6 52	6 33		n.a.
M12	23 36	8 54	0 28	23 12	1 24	24 39	0 52	18 13	1 0	12 30	0 41	21 5	0 52	23 44	0 32	13 51	1 42	31 43	16 15	7 21	6 53	6 31		n.a.
T 13	23 32	5 18	0s35	22 49	1 19	24 39	0 54	18 2	1 0	12 30	0 41	21 7	0 52	23 44	0 32	13 51	1 42	31 44	16 16	7 21	6 55	6 29		n.a.
W14	23 28	1 30	1 37	22 25	1 14	24 38	0 56	17 50	0 59	12 31	0 40	21 8	0 52	23 44	0 32	13 51	1 42	31 44	16 16	7 20	6 56	6 27		n.a.
T 15	23 23	2n23	2 35	21 59	1 8	24 36	0 58	17 38	0 59	12 31	0 40	21 9	0 52	23 43	0 32	13 51	1 42	31 45	16 16	7 20	6 57	6 26		n.a.
F 16	23 18	6 13	3 27	21 33	1 2	24 33	0 59	17 25	0 58	12 31	0 40	21 10	0 52	23 43	0 32	13 51	1 42	31 45	16 16	7 21	6 58	6 24		n.a.
S 17	23 13	9 53	4 10	21 6	0 56	24 29	1 1	17 13	0 58	12 32	0 40	21 11	0 52	23 42	0 32	13 51	1 42	31 46	16 17	7 22	7 0	6 22		n.a.
S 18	23 7	13 11	4 43	20 37	0 49	24 25	1 3	17 1	0 57	12 33	0 39	21 12	0 52	23 42	0 32	13 51	1 42	31 46	16 17	7 24	7 1	6 20		n.a.
M19	23 1	15 57	5 2	20 8	0 42	24 20	1 4	16 48	0 57	12 33	0 39	21 14	0 52	23 42	0 32	13 50	1 42	31 47	16 17	7 26	7 2	6 18		n.a.
T 20	22 54	17 57	5 5	19 39	0 35	24 14	1 6	16 35	0 56	12 34	0 39	21 15	0 52	23 41	0 32	13 50	1 42	31 47	16 17	7 29	7 3	6 17		n.a.
W21	22 47	18 59	4 51	19 8	0 28	24 8	1 7	16 22	0 56	12 35	0 39	21 16	0 52	23 41	0 32	13 50	1 42	31 48	16 17	7 33	7 5	6 15		n.a.
T 22	22 40	18 51	4 18	18 37	0 21	24 0	1 8	16 9	0 55	12 36	0 38	21 17	0 52	23 41	0 32	13 50	1 42	31 48	16 18	7 36	7 6	6 13		n.a.
F 23	22 32	17 30	3 29	18 6	0 13	23 52	1 10	15 56	0 54	12 36	0 38	21 18	0 52	23 40	0 32	13 50	1 42	31 49	16 18	7 39	7 7	6 11		n.a.
S 24	22 24	14 59	2 25	17 34	0 5	23 44	1 11	15 43	0 54	12 37	0 38	21 19	0 52	23 40	0 32	13 50	1 42	31 49	16 18	7 41	7 8	6 9		n.a.
S 25	22 15	11 30	1 12	17 1	0s 3	23 34	1 12	15 30	0 53	12 38	0 38	21 20	0 52	23 40	0 32	13 50	1 41	31 50	16 18	7 42	7 9	6 8		n.a.
M26	22 6	7 20	0n 7	16 29	0 11	23 24	1 14	15 16	0 53	12 39	0 38	21 21	0 52	23 39	0 32	13 50	1 41	31 51	16 18	7 42	7 11	6 6		n.a.
T 27	21 57	2 46	1 24	15 56	0 19	23 13	1 15	15 2	0 52	12 41	0 37	21 22	0 52	23 39	0 32	13 50	1 41	31 51	16 19	7 42	7 12	6 4		n.a.
W28	21 47	1s53	2 35	15 23	0 28	23 2	1 16	14 49	0 52	12 42	0 37	21 23	0 52	23 38	0 32	13 50	1 41	31 52	16 19	7 42	7 13	6 2		n.a.
T 29	21 37	6 21	3 35	14 50	0 36	22 50	1 17	14 35	0 51	12 43	0 37	21 24	0 52	23 38	0 32	13 50	1 41	31 52	16 19	7 41	7 14	6 0		n.a.
F 30	21 26	10 24	4 22	14 17	0 45	22 37	1 18	14 21	0 50	12 44	0 37	21 25	0 52	23 38	0 32	13 50	1 41	31 53	16 19	7 42	7 16	5 59		n.a.
S 31	21n15	13s49	4n53	13n44	0s54	22n23	1n19	14n 7	0n50	12s46	0n36	21n26	0s52	23n37	0n32	13s50	1n41	31s53	16s19	7n43	7n17	5s57		n.a.

Julian Day Number = 1301932.5, Delta T = 07h49m33s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'43, Lahiri = -19°48'43 Julian Calendar 1 July 1149 BCE == Greg. Calendar 20 June 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

AUGUST 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 25	27♋11'40	5♐16	22♌44	28♋15	25♌52	4♏52	9♊55	13♋55	11°R12	15°R36	10°R31	11♍40	16♓10	n.a.	S 1
M 2	20 0 22	28°10'03	18°22	23°58	29°30	26°32	4°55	10° 1	13°58	11♏12	15♒35	10♍25	11°37	16°16	n.a.	M 2
T 3	20 4 18	29° 8'27	1♑16	25° 9	0♌45	27°12	4°59	10° 7	14° 2	11°12	15°34	10°18	11°34	16°23	n.a.	T 3
W 4	20 8 15	0♌ 6'53	13°56	26°19	1°59	27°52	5° 3	10°13	14° 6	11°D12	15°33	10°11	11°30	16°30	n.a.	W 4
T 5	20 12 11	1° 5'21	26°24	27°27	3°14	28°32	5° 8	10°19	14° 9	11°12	15°32	10° 4	11°27	16°36	n.a.	T 5
F 6	20 16 8	2° 3'51	8♒40	28°32	4°29	29°12	5°12	10°25	14°13	11°12	15°31	9°59	11°24	16°43	n.a.	F 6
S 7	20 20 4	3° 2'23	20°45	29°36	5°44	29°52	5°17	10°31	14°17	11°12	15°29	9°55	11°21	16°50	n.a.	S 7
S 8	20 24 1	4° 0'57	2♓42	0♍37	6°58	0♍33	5°21	10°36	14°20	11°12	15°28	9°54	11°18	16°56	n.a.	S 8
M 9	20 27 57	4°59'33	14°32	1°35	8°13	1°13	5°26	10°42	14°24	11°12	15°27	9°D54	11°15	17° 3	n.a.	M 9
T 10	20 31 54	5°58'12	26°19	2°31	9°28	1°53	5°31	10°48	14°27	11°12	15°26	9°55	11°11	17° 9	n.a.	T 10
W11	20 35 51	6°56'53	8♈ 7	3°24	10°43	2°34	5°37	10°53	14°31	11°13	15°25	9°56	11° 8	17°16	n.a.	W11
T 12	20 39 47	7°55'36	19°59	4°13	11°58	3°14	5°42	10°59	14°34	11°13	15°23	9°58	11° 5	17°23	n.a.	T 12
F 13	20 43 44	8°54'22	2♉ 2	5° 0	13°13	3°55	5°48	11° 4	14°38	11°13	15°22	9°59	11° 2	17°29	n.a.	F 13
S 14	20 47 40	9°53'10	14°20	5°42	14°28	4°36	5°54	11° 9	14°41	11°14	15°21	9°R59	10°59	17°36	n.a.	S 14
S 15	20 51 37	10°52'00	26°57	6°21	15°42	5°16	5°59	11°15	14°45	11°14	15°20	9°58	10°56	17°43	n.a.	S 15
M16	20 55 33	11°50'53	9♊59	6°56	16°57	5°57	6° 5	11°20	14°48	11°14	15°19	9°56	10°52	17°49	n.a.	M16
T 17	20 59 30	12°49'49	23°26	7°26	18°12	6°38	6°12	11°25	14°52	11°15	15°17	9°52	10°49	17°56	n.a.	T 17
W18	21 3 26	13°48'47	7♋21	7°51	19°27	7°19	6°18	11°30	14°55	11°15	15°16	9°49	10°46	18° 3	n.a.	W18
T 19	21 7 23	14°47'47	21°41	8°10	20°42	8° 0	6°25	11°35	14°59	11°16	15°15	9°45	10°43	18° 9	n.a.	T 19
F 20	21 11 19	15°46'49	6♌22	8°24	21°57	8°41	6°31	11°40	15° 2	11°16	15°14	9°42	10°40	18°16	n.a.	F 20
S 21	21 15 16	16°45'54	21°18	8°32	23°12	9°22	6°38	11°44	15° 5	11°17	15°13	9°40	10°36	18°23	n.a.	S 21
S 22	21 19 13	17°45'01	6♍19	8°R33	24°27	10° 3	6°45	11°49	15° 9	11°17	15°11	9°D39	10°33	18°29	n.a.	S 22
M23	21 23 9	18°44'09	21°18	8°27	25°42	10°44	6°52	11°53	15°12	11°18	15°10	9°39	10°30	18°36	n.a.	M23
T 24	21 27 6	19°43'20	6♎ 7	8°14	26°57	11°25	6°59	11°58	15°15	11°19	15° 9	9°40	10°27	18°43	n.a.	T 24
W25	21 31 2	20°42'33	20°39	7°53	28°12	12° 7	7° 7	12° 2	15°19	11°19	15° 8	9°42	10°24	18°49	n.a.	W25
T 26	21 34 59	21°41'48	4♏52	7°25	29°27	12°48	7°14	12° 7	15°22	11°20	15° 6	9°43	10°21	18°56	n.a.	T 26
F 27	21 38 55	22°41'04	18°43	6°48	0♍42	13°29	7°22	12°11	15°25	11°21	15° 5	9°R43	10°17	19° 2	n.a.	F 27
S 28	21 42 52	23°40'23	2♐13	6° 4	1°57	14°11	7°30	12°15	15°28	11°22	15° 4	9°43	10°14	19° 9	n.a.	S 28
S 29	21 46 48	24°39'43	15°23	5°13	3°12	14°52	7°38	12°19	15°31	11°22	15° 3	9°42	10°11	19°16	n.a.	S 29
M30	21 50 45	25°39'06	28°15	4°15	4°28	15°34	7°46	12°23	15°34	11°23	15° 2	9°41	10° 8	19°22	n.a.	M30
T 31	21 54 42	26♌38'30	10♑52	3♍11	5♍43	16♍15	7♏54	12♊27	15♋37	11♏24	15♒ 1	9♍39	10♍ 5	19♓29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n 4	16s28	5n 8	13n11	1s 3	22n 9	1n19	13n52	0n49	12s47	0n36	21n27	0s52	23n37	0n32	13s50	1n41	31s54	16s19	7n45	7n18	5s55			n.a.
M 2	20 52	18 13	5 7	12 38	1 11	21 54	1 20	13 38	0 49	12 49	0 36	21 28	0 52	23 37	0 32	13 50	1 41	31 54	16 19	7 47	7 19	5 53			n.a.
T 3	20 40	19 0	4 49	12 5	1 20	21 38	1 21	13 24	0 48	12 50	0 36	21 29	0 51	23 36	0 32	13 50	1 41	31 55	16 20	7 50	7 20	5 51			n.a.
W 4	20 27	18 49	4 18	11 33	1 29	21 22	1 22	13 9	0 48	12 52	0 35	21 30	0 51	23 36	0 32	13 50	1 41	31 55	16 20	7 52	7 22	5 50			n.a.
T 5	20 14	17 42	3 35	11 1	1 38	21 5	1 22	12 54	0 47	12 53	0 35	21 31	0 51	23 35	0 32	13 50	1 41	31 56	16 20	7 55	7 23	5 48			n.a.
F 6	20 1	15 47	2 42	10 30	1 47	20 47	1 23	12 40	0 46	12 55	0 35	21 32	0 51	23 35	0 32	13 50	1 41	31 56	16 20	7 57	7 24	5 46			n.a.
S 7	19 48	13 11	1 43	9 59	1 56	20 29	1 23	12 25	0 46	12 57	0 35	21 32	0 51	23 35	0 32	13 50	1 41	31 56	16 20	7 58	7 25	5 44			n.a.
S 8	19 34	10 4	0 39	9 29	2 5	20 11	1 24	12 10	0 45	12 59	0 34	21 33	0 51	23 34	0 32	13 51	1 41	31 57	16 20	7 59	7 27	5 42			n.a.
M 9	19 20	6 34	0s25	9 0	2 14	19 51	1 24	11 55	0 45	13 1	0 34	21 34	0 51	23 34	0 32	13 51	1 41	31 57	16 20	7 59	7 28	5 40			n.a.
T 10	19 5	2 51	1 29	8 32	2 22	19 31	1 24	11 40	0 44	13 3	0 34	21 35	0 51	23 33	0 32	13 51	1 40	31 58	16 20	7 59	7 29	5 39			n.a.
W11	18 50	1n 0	2 29	8 5	2 31	19 11	1 24	11 24	0 44	13 5	0 34	21 36	0 51	23 33	0 32	13 51	1 40	31 58	16 20	7 58	7 30	5 37			n.a.
T 12	18 35	4 49	3 22	7 39	2 39	18 50	1 25	11 9	0 43	13 7	0 34	21 36	0 51	23 33	0 32	13 51	1 40	31 59	16 20	7 57	7 32	5 35			n.a.
F 13	18 19	8 30	4 8	7 14	2 48	18 28	1 25	10 53	0 42	13 9	0 33	21 37	0 51	23 32	0 32	13 51	1 40	31 59	16 20	7 57	7 33	5 33			n.a.
S 14	18 4	11 53	4 44	6 51	2 55	18 6	1 25	10 38	0 42	13 11	0 33	21 38	0 51	23 32	0 32	13 51	1 40	32 0	16 21	7 57	7 34	5 31			n.a.
S 15	17 47	14 50	5 6	6 30	3 3	17 44	1 25	10 22	0 41	13 13	0 33	21 39	0 51	23 32	0 32	13 52	1 40	32 0	16 21	7 57	7 35	5 30			n.a.
M16	17 31	17 8	5 14	6 10	3 10	17 21	1 24	10 6	0 41	13 15	0 33	21 39	0 51	23 31	0 32	13 52	1 40	32 1	16 21	7 58	7 36	5 28			n.a.
T 17	17 14	18 35	5 6	5 53	3 17	16 57	1 24	9 50	0 40	13 18	0 32	21 40	0 51	23 31	0 32	13 52	1 40	32 1	16 21	7 59	7 38	5 26			n.a.
W18	16 57	18 59	4 39	5 38	3 23	16 33	1 24	9 34	0 39	13 20	0 32	21 41	0 51	23 31	0 32	13 52	1 40	32 1	16 21	8 1	7 39	5 24			n.a.
T 19	16 40	18 12	3 54	5 25	3 29	16 9	1 24	9 18	0 39	13 22	0 32	21 42	0 51	23 30	0 32	13 52	1 40	32 2	16 21	8 2	7 40	5 22			n.a.
F 20	16 22	16 11	2 53	5 15	3 34	15 44	1 23	9 2	0 38	13 25	0 32	21 42	0 51	23 30	0 32	13 53	1 40	32 2	16 21	8 3	7 41	5 20			n.a.
S 21	16 4	13 4	1 40	5 9	3 38	15 18	1 23	8 46	0 38	13 27	0 32	21 43	0 51	23 29	0 32	13 53	1 40	32 3	16 21	8 4	7 43	5 19			n.a.
S 22	15 46	9 3	0 18	5 5	3 41	14 53	1 22	8 30	0 37	13 30	0 31	21 44	0 51	23 29	0 32	13 53	1 40	32 3	16 21	8 5	7 44	5 17			n.a.
M23	15 27	4 29	1n 4	5 5	3 43	14 26	1 22	8 13	0 36	13 32	0 31	21 44	0 51	23 29	0 32	13 53	1 40	32 3	16 21	8 4	7 45	5 15			n.a.
T 24	15 8	0s19	2 21	5 9	3 44	14 0	1 21	7 57	0 36	13 35	0 31	21 45	0 51	23 28	0 32	13 54	1 40	32 4	16 21	8 4	7 46	5 13			n.a.
W25	14 49	4 59	3 28	5 17	3 44	13 33	1 20	7 40	0 35	13 38	0 31	21 45	0 51	23 28	0 32	13 54	1 40	32 4	16 21	8 4	7 47	5 11			n.a.
T 26	14 30	9 16	4 20	5 30	3 42	13 5	1 20	7 24	0 35	13 40	0 31	21 46	0 51	23 28	0 32	13 54	1 39	32 5	16 21	8 3	7 49	5 9			n.a.
F 27	14 11	12 56	4 56	5 47	3 39	12 38	1 19	7 7	0 34	13 43	0 30	21 47	0 51	23 27	0 32	13 54	1 39	32 5	16 21	8 3	7 50	5 7			n.a.
S 28	13 51	15 49	5 14	6 8	3 33	12 10	1 18	6 50	0 33	13 46	0 30	21 47	0 51	23 27	0 32	13 55	1 39	32 5	16 21	8 3	7 51	5 6			n.a.
S 29	13 31	17 47	5 15	6 34	3 26	11 41	1 17	6 33	0 33	13 49	0 30	21 48	0 51	23 27	0 32	13 55	1 39	32 6	16 21	8 3	7 52	5 4			n.a.
M30	13 11	18 49	5 0	7 4	3 17	11 13	1 16	6 16	0 32	13 51	0 30	21 48	0 51	23 26	0 32	13 55	1 39	32 6	16 20	8 4	7 54	5 2			n.a.
T 31	12n50	18s52	4n31	7n37	3s 6	10n44	1n15	5n59	0n32	13s54	0n30	21n49	0s51	23n26	0n32	13s56	1n39	32s 6	16s20	8n 5	7n55	5s 0			n.a.

Julian Day Number = 1301963.5, Delta T = 07h49m31s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'39, Lahiri = -19°48'38 Julian Calendar 1 Aug. 1149 BCE == Greg. Calendar 21 July 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

SEPTEMBER 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 58 38	27♌37'56	23♉15	2°R 3	6♍58	16♍57	8♏ 3	12♊31	15♋40	11♏25	14°R59	9°R37	10♍ 2	19♓36	n.a.	W 1
T 2	22 2 35	28°37'25	5♒27	0♍53	8°13	17°39	8°11	12°34	15°43	11°26	14♒58	9♍36	9°58	19°42	n.a.	T 2
F 3	22 6 31	29°36'55	17°30	29♌41	9°28	18°21	8°20	12°38	15°46	11°27	14°57	9°34	9°55	19°49	n.a.	F 3
S 4	22 10 28	0♍36'28	29°26	28°30	10°43	19° 3	8°29	12°41	15°49	11°28	14°56	9°34	9°52	19°56	n.a.	S 4
S 5	22 14 24	1°36'02	11♓17	27°22	11°58	19°44	8°37	12°45	15°52	11°29	14°55	9°D34	9°49	20° 2	n.a.	S 5
M 6	22 18 21	2°35'39	23° 5	26°18	13°13	20°26	8°46	12°48	15°55	11°30	14°54	9°34	9°46	20° 9	n.a.	M 6
T 7	22 22 17	3°35'18	4♈52	25°22	14°28	21° 8	8°56	12°51	15°58	11°31	14°52	9°34	9°42	20°16	n.a.	T 7
W 8	22 26 14	4°34'59	16°42	24°34	15°43	21°51	9° 5	12°54	16° 1	11°32	14°51	9°35	9°39	20°22	n.a.	W 8
T 9	22 30 10	5°34'43	28°37	23°56	16°58	22°33	9°14	12°57	16° 4	11°33	14°50	9°35	9°36	20°29	n.a.	T 9
F 10	22 34 7	6°34'29	10♉41	23°28	18°13	23°15	9°24	13° 0	16° 6	11°35	14°49	9°36	9°33	20°36	n.a.	F 10
S 11	22 38 4	7°34'17	22°58	23°11	19°28	23°57	9°33	13° 3	16° 9	11°36	14°48	9°36	9°30	20°42	n.a.	S 11
S 12	22 42 0	8°34'08	5♊32	23°D 6	20°43	24°39	9°43	13° 6	16°12	11°37	14°47	9°36	9°27	20°49	n.a.	S 12
M13	22 45 57	9°34'02	18°27	23°12	21°58	25°22	9°53	13° 8	16°14	11°38	14°46	9°36	9°23	20°55	n.a.	M13
T 14	22 49 53	10°33'57	1♋46	23°28	23°13	26° 4	10° 3	13°11	16°17	11°40	14°45	9°36	9°20	21° 2	n.a.	T 14
W15	22 53 50	11°33'55	15°32	23°55	24°29	26°47	10°13	13°13	16°19	11°41	14°44	9°36	9°17	21° 9	n.a.	W15
T 16	22 57 46	12°33'56	29°45	24°31	25°44	27°29	10°23	13°16	16°22	11°42	14°43	9°37	9°14	21°15	n.a.	T 16
F 17	23 1 43	13°33'58	14♌23	25°16	26°59	28°12	10°33	13°18	16°24	11°44	14°41	9°37	9°11	21°22	n.a.	F 17
S 18	23 5 39	14°34'03	29°21	26° 8	28°14	28°55	10°44	13°20	16°27	11°45	14°40	9°37	9° 7	21°29	n.a.	S 18
S 19	23 9 36	15°34'10	14♍31	27° 8	29°29	29°37	10°54	13°22	16°29	11°46	14°39	9°R37	9° 4	21°35	n.a.	S 19
M20	23 13 32	16°34'19	29°44	28°14	0♎44	0♎20	11° 5	13°24	16°31	11°48	14°38	9°37	9° 1	21°42	n.a.	M20
T 21	23 17 29	17°34'30	14♎51	29°25	1°59	1° 3	11°15	13°25	16°34	11°49	14°37	9°36	8°58	21°49	n.a.	T 21
W22	23 21 26	18°34'42	29°42	0♍41	3°14	1°46	11°26	13°27	16°36	11°51	14°36	9°35	8°55	21°55	n.a.	W22
T 23	23 25 22	19°34'57	14♏11	2° 1	4°29	2°29	11°37	13°28	16°38	11°52	14°35	9°34	8°52	22° 2	n.a.	T 23
F 24	23 29 19	20°35'13	28°14	3°24	5°44	3°12	11°48	13°30	16°40	11°54	14°35	9°33	8°48	22° 9	n.a.	F 24
S 25	23 33 15	21°35'31	11♐51	4°50	6°59	3°55	11°59	13°31	16°42	11°56	14°34	9°32	8°45	22°15	n.a.	S 25
S 26	23 37 12	22°35'50	25° 1	6°19	8°14	4°38	12°10	13°32	16°44	11°57	14°33	9°D32	8°42	22°22	n.a.	S 26
M27	23 41 8	23°36'11	7♑49	7°49	9°29	5°21	12°21	13°33	16°46	11°59	14°32	9°33	8°39	22°29	n.a.	M27
T 28	23 45 5	24°36'34	20°17	9°21	10°44	6° 5	12°33	13°34	16°48	12° 0	14°31	9°34	8°36	22°35	n.a.	T 28
W29	23 49 1	25°36'58	2♒30	10°54	11°59	6°48	12°44	13°35	16°50	12° 2	14°30	9°35	8°33	22°42	n.a.	W29
T 30	23 52 58	26♍37'24	14♒32	12♍29	13♎14	7♎31	12♏56	13♊36	16♋52	12♏ 4	14♒29	9♍36	8♍29	22♓49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n29	18s 1	3n50	8n14	2s52	10n14	1n14	5n42	0n31	13s57	0n29	21n49	0s51	23n26	0n32	13s56	1n39	32s 7	16s20	8n 5	7n56	4s58		n.a.
T 2	12 9	16 20	2 58	8 54	2 37	9 45	1 13	5 25	0 30	14 0	0 29	21 50	0 51	23 25	0 32	13 56	1 39	32 7	16 20	8 6	7 57	4 56		n.a.
F 3	11 47	13 57	2 0	9 35	2 20	9 15	1 11	5 8	0 30	14 3	0 29	21 50	0 51	23 25	0 32	13 57	1 39	32 7	16 20	8 6	7 58	4 55		n.a.
S 4	11 26	10 59	0 56	10 17	2 2	8 45	1 10	4 51	0 29	14 6	0 29	21 51	0 51	23 25	0 32	13 57	1 39	32 8	16 20	8 7	8 0	4 53		n.a.
S 5	11 5	7 36	0s10	10 59	1 43	8 15	1 9	4 34	0 28	14 9	0 29	21 51	0 51	23 24	0 32	13 57	1 39	32 8	16 20	8 7	8 1	4 51		n.a.
M 6	10 43	3 56	1 15	11 39	1 23	7 44	1 7	4 16	0 28	14 12	0 28	21 51	0 51	23 24	0 33	13 58	1 39	32 8	16 20	8 7	8 2	4 49		n.a.
T 7	10 21	0 7	2 16	12 18	1 3	7 13	1 6	3 59	0 27	14 16	0 28	21 52	0 51	23 24	0 33	13 58	1 39	32 8	16 20	8 6	8 3	4 47		n.a.
W 8	9 59	3n43	3 12	12 53	0 42	6 42	1 4	3 42	0 27	14 19	0 28	21 52	0 51	23 23	0 33	13 59	1 39	32 9	16 20	8 6	8 4	4 45		n.a.
T 9	9 37	7 25	4 1	13 24	0 22	6 11	1 3	3 24	0 26	14 22	0 28	21 53	0 51	23 23	0 33	13 59	1 39	32 9	16 20	8 6	8 6	4 43		n.a.
F 10	9 15	10 52	4 39	13 52	0 3	5 40	1 1	3 7	0 25	14 25	0 28	21 53	0 51	23 23	0 33	13 59	1 39	32 9	16 20	8 6	8 7	4 42		n.a.
S 11	8 52	13 54	5 5	14 14	0n15	5 9	1 0	2 49	0 25	14 28	0 28	21 53	0 51	23 22	0 33	14 0	1 39	32 9	16 19	8 6	8 8	4 40		n.a.
S 12	8 29	16 22	5 17	14 32	0 32	4 37	0 58	2 31	0 24	14 32	0 27	21 54	0 51	23 22	0 33	14 0	1 38	32 10	16 19	8 6	8 9	4 38		n.a.
M13	8 6	18 6	5 14	14 45	0 47	4 5	0 56	2 14	0 23	14 35	0 27	21 54	0 51	23 22	0 33	14 1	1 38	32 10	16 19	8 6	8 11	4 36		n.a.
T 14	7 43	18 54	4 55	14 53	1 1	3 34	0 54	1 56	0 23	14 38	0 27	21 54	0 51	23 22	0 33	14 1	1 38	32 10	16 19	8 6	8 12	4 34		n.a.
W15	7 20	18 38	4 18	14 55	1 14	3 2	0 52	1 38	0 22	14 42	0 27	21 55	0 51	23 21	0 33	14 2	1 38	32 10	16 19	8 6	8 13	4 32		n.a.
T 16	6 57	17 12	3 24	14 54	1 25	2 30	0 50	1 21	0 22	14 45	0 27	21 55	0 51	23 21	0 33	14 2	1 38	32 10	16 19	8 6	8 14	4 30		n.a.
F 17	6 34	14 37	2 16	14 47	1 34	1 58	0 49	1 3	0 21	14 49	0 26	21 55	0 51	23 21	0 33	14 3	1 38	32 11	16 18	8 5	8 15	4 28		n.a.
S 18	6 10	11 0	0 57	14 37	1 43	1 25	0 47	0 45	0 20	14 52	0 26	21 55	0 51	23 21	0 33	14 3	1 38	32 11	16 18	8 5	8 17	4 27		n.a.
S 19	5 47	6 37	0n27	14 22	1 49	0 53	0 44	0 27	0 20	14 56	0 26	21 56	0 51	23 20	0 33	14 4	1 38	32 11	16 18	8 5	8 18	4 25		n.a.
M20	5 23	1 47	1 50	14 4	1 55	0 21	0 42	0 9	0 19	14 59	0 26	21 56	0 51	23 20	0 33	14 4	1 38	32 11	16 18	8 5	8 19	4 23		n.a.
T 21	4 59	3s 7	3 4	13 43	1 59	0s11	0 40	0s 9	0 18	15 3	0 26	21 56	0 51	23 20	0 33	14 5	1 38	32 11	16 18	8 6	8 20	4 21		n.a.
W22	4 35	7 45	4 4	13 19	2 2	0 43	0 38	0 27	0 18	15 6	0 26	21 56	0 51	23 19	0 33	14 5	1 38	32 11	16 18	8 6	8 21	4 19		n.a.
T 23	4 11	11 47	4 47	12 51	2 4	1 16	0 36	0 45	0 17	15 10	0 25	21 57	0 51	23 19	0 33	14 6	1 38	32 11	16 17	8 6	8 23	4 17		n.a.
F 24	3 47	15 2	5 11	12 22	2 6	1 48	0 34	1 3	0 16	15 13	0 25	21 57	0 51	23 19	0 33	14 6	1 38	32 12	16 17	8 7	8 24	4 15		n.a.
S 25	3 23	17 20	5 17	11 50	2 6	2 20	0 31	1 21	0 16	15 17	0 25	21 57	0 51	23 19	0 33	14 7	1 38	32 12	16 17	8 7	8 25	4 13		n.a.
S 26	2 59	18 38	5 6	11 17	2 5	2 52	0 29	1 38	0 15	15 20	0 25	21 57	0 51	23 19	0 33	14 7	1 38	32 12	16 17	8 7	8 26	4 12		n.a.
M27	2 35	18 56	4 40	10 41	2 4	3 24	0 27	1 56	0 14	15 24	0 25	21 57	0 51	23 18	0 33	14 8	1 38	32 12	16 17	8 7	8 28	4 10		n.a.
T 28	2 11	18 18	4 1	10 4	2 2	3 57	0 25	2 14	0 14	15 28	0 25	21 57	0 51	23 18	0 33	14 8	1 38	32 12	16 16	8 7	8 29	4 8		n.a.
W29	1 46	16 49	3 12	9 26	2 0	4 29	0 22	2 32	0 13	15 31	0 24	21 57	0 51	23 18	0 33	14 9	1 38	32 12	16 16	8 6	8 30	4 6		n.a.
T 30	1n22	14s36	2n15	8n47	1n57	5s 0	0n20	2s50	0n13	15s35	0n24	21n57	0s51	23n18	0n33	14s10	1n38	32s12	16s16	8n 6	8n31	4s 4		n.a.

Julian Day Number = 1301994.5, Delta T = 07h49m30s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'35, Lahiri = -19°48'34 Julian Calendar 1 Sept. 1149 BCE == Greg. Calendar 21 Aug. 1149 BCE

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

OCTOBER 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 56 55	27♍37'51	26♒25	14♍ 4	14♎29	8♎15	13♏ 7	13♊36	16♋54	12♏ 6	14°R28	9♍38	8♍26	22♓55	n.a.	F 1
S 2	0 0 51	28°38'20	8♓15	15°39	15°44	8°58	13°19	13°37	16°56	12° 7	14♒27	9°R38	8°23	23° 2	n.a.	S 2
S 3	0 4 48	29°38'50	20° 3	17°15	16°59	9°42	13°31	13°37	16°57	12° 9	14°27	9°38	8°20	23° 8	n.a.	S 3
M 4	0 8 44	0♎39'23	1♈51	18°52	18°14	10°25	13°42	13°37	16°59	12°11	14°26	9°36	8°17	23°15	n.a.	M 4
T 5	0 12 41	1°39'57	13°42	20°28	19°29	11° 9	13°54	13°38	17° 1	12°13	14°25	9°34	8°13	23°22	n.a.	T 5
W 6	0 16 37	2°40'32	25°38	22° 5	20°44	11°53	14° 6	13°R38	17° 2	12°15	14°24	9°30	8°10	23°28	n.a.	W 6
T 7	0 20 34	3°41'10	7♉40	23°42	21°59	12°36	14°18	13°38	17° 4	12°16	14°24	9°26	8° 7	23°35	n.a.	T 7
F 8	0 24 30	4°41'49	19°51	25°19	23°14	13°20	14°31	13°37	17° 5	12°18	14°23	9°22	8° 4	23°42	n.a.	F 8
S 9	0 28 27	5°42'30	2♊14	26°55	24°29	14° 4	14°43	13°37	17° 7	12°20	14°22	9°18	8° 1	23°48	n.a.	S 9
S 10	0 32 23	6°43'13	14°49	28°32	25°44	14°48	14°55	13°37	17° 8	12°22	14°22	9°15	7°58	23°55	n.a.	S 10
M11	0 36 20	7°43'58	27°42	0♎ 8	26°59	15°32	15° 7	13°36	17° 9	12°24	14°21	9°13	7°54	24° 2	n.a.	M11
T 12	0 40 17	8°44'45	10♋54	1°45	28°14	16°16	15°20	13°35	17°10	12°26	14°20	9°D12	7°51	24° 8	n.a.	T 12
W13	0 44 13	9°45'33	24°28	3°21	29°29	17° 0	15°32	13°35	17°12	12°28	14°20	9°13	7°48	24°15	n.a.	W13
T 14	0 48 10	10°46'23	8♌26	4°57	0♏44	17°44	15°45	13°34	17°13	12°30	14°19	9°15	7°45	24°22	n.a.	T 14
F 15	0 52 6	11°47'15	22°47	6°33	1°59	18°28	15°57	13°33	17°14	12°32	14°19	9°16	7°42	24°28	n.a.	F 15
S 16	0 56 3	12°48'09	7♍31	8° 8	3°14	19°12	16°10	13°32	17°15	12°34	14°18	9°R17	7°38	24°35	n.a.	S 16
S 17	0 59 59	13°49'04	22°31	9°44	4°29	19°57	16°23	13°31	17°16	12°36	14°17	9°16	7°35	24°42	n.a.	S 17
M18	1 3 56	14°50'00	7♎41	11°19	5°44	20°41	16°36	13°29	17°17	12°38	14°17	9°14	7°32	24°48	n.a.	M18
T 19	1 7 52	15°50'58	22°50	12°54	6°58	21°25	16°48	13°28	17°18	12°40	14°16	9°10	7°29	24°55	n.a.	T 19
W20	1 11 49	16°51'57	7♏50	14°29	8°13	22°10	17° 1	13°26	17°18	12°42	14°16	9° 4	7°26	25° 2	n.a.	W20
T 21	1 15 46	17°52'57	22°31	16° 4	9°28	22°54	17°14	13°25	17°19	12°44	14°16	8°58	7°23	25° 8	n.a.	T 21
F 22	1 19 42	18°53'58	6♐46	17°39	10°43	23°39	17°27	13°23	17°20	12°46	14°15	8°52	7°19	25°15	n.a.	F 22
S 23	1 23 39	19°55'00	20°33	19°13	11°58	24°24	17°40	13°21	17°20	12°48	14°15	8°47	7°16	25°21	n.a.	S 23
S 24	1 27 35	20°56'03	3♑50	20°48	13°13	25° 8	17°53	13°19	17°21	12°51	14°14	8°43	7°13	25°28	n.a.	S 24
M25	1 31 32	21°57'07	16°41	22°22	14°27	25°53	18° 7	13°17	17°22	12°53	14°14	8°D42	7°10	25°35	n.a.	M25
T 26	1 35 28	22°58'12	29°10	23°57	15°42	26°38	18°20	13°15	17°22	12°55	14°14	8°42	7° 7	25°41	n.a.	T 26
W27	1 39 25	23°59'17	11♒20	25°31	16°57	27°22	18°33	13°12	17°22	12°57	14°13	8°43	7° 4	25°48	n.a.	W27
T 28	1 43 21	25° 0'23	23°17	27° 5	18°12	28° 7	18°46	13°10	17°23	12°59	14°13	8°45	7° 0	25°55	n.a.	T 28
F 29	1 47 18	26° 1'30	5♓ 7	28°39	19°27	28°52	19° 0	13° 8	17°23	13° 1	14°13	8°R46	6°57	26° 1	n.a.	F 29
S 30	1 51 15	27° 2'37	16°54	0♏14	20°41	29°37	19°13	13° 5	17°23	13° 4	14°13	8°45	6°54	26° 8	n.a.	S 30
S 31	1 55 11	28♎ 3'45	28♓41	1♏48	21♏56	0♏22	19♏27	13♊ 2	17♋23	13♏ 6	14♒12	8♍43	6♍51	26♓15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n57	11s47	1n13	8n 7	1n54	5s32	0n17	3s 8	0n12	15s39	0n24	21n58	0s51	23n18	0n33	14s10	1n37	32s12	16s16	8n 5	8n32	4s 2		n.a.
S 2	0 33	8 30	0 8	7 26	1 50	6 4	0 15	3 26	0 11	15 43	0 24	21 58	0 51	23 17	0 33	14 11	1 37	32 12	16 15	8 5	8 34	4 0		n.a.
S 3	0 9	4 53	0s57	6 44	1 45	6 35	0 12	3 44	0 11	15 46	0 24	21 58	0 51	23 17	0 33	14 11	1 37	32 12	16 15	8 5	8 35	3 58		n.a.
M 4	0s16	1 5	2 0	6 1	1 41	7 7	0 10	4 2	0 10	15 50	0 24	21 58	0 51	23 17	0 33	14 12	1 37	32 12	16 15	8 6	8 36	3 56		n.a.
T 5	0 40	2n47	2 57	5 18	1 36	7 38	0 7	4 20	0 9	15 54	0 24	21 58	0 51	23 17	0 33	14 12	1 37	32 12	16 15	8 7	8 37	3 55		n.a.
W 6	1 5	6 33	3 47	4 35	1 31	8 9	0 5	4 38	0 9	15 58	0 23	21 58	0 51	23 17	0 34	14 13	1 37	32 12	16 14	8 8	8 38	3 53		n.a.
T 7	1 29	10 5	4 27	3 51	1 25	8 40	0 2	4 56	0 8	16 1	0 23	21 58	0 51	23 16	0 34	14 14	1 37	32 12	16 14	8 10	8 40	3 51		n.a.
F 8	1 54	13 14	4 56	3 7	1 20	9 10	0s 0	5 14	0 7	16 5	0 23	21 58	0 51	23 16	0 34	14 14	1 37	32 12	16 14	8 11	8 41	3 49		n.a.
S 9	2 18	15 51	5 12	2 22	1 14	9 41	0 3	5 32	0 7	16 9	0 23	21 58	0 51	23 16	0 34	14 15	1 37	32 12	16 14	8 13	8 42	3 47		n.a.
S 10	2 43	17 46	5 13	1 38	1 8	10 11	0 5	5 50	0 6	16 13	0 23	21 58	0 51	23 16	0 34	14 16	1 37	32 12	16 13	8 14	8 43	3 45		n.a.
M11	3 7	18 51	4 58	0 53	1 2	10 41	0 8	6 8	0 5	16 17	0 23	21 58	0 51	23 16	0 34	14 16	1 37	32 12	16 13	8 15	8 44	3 43		n.a.
T 12	3 31	18 56	4 27	0 9	0 56	11 11	0 10	6 26	0 5	16 20	0 23	21 58	0 51	23 16	0 34	14 17	1 37	32 12	16 13	8 15	8 46	3 41		n.a.
W13	3 56	17 57	3 41	0s36	0 50	11 40	0 13	6 43	0 4	16 24	0 22	21 57	0 51	23 16	0 34	14 17	1 37	32 12	16 12	8 14	8 47	3 39		n.a.
T 14	4 20	15 52	2 41	1 20	0 43	12 9	0 15	7 1	0 3	16 28	0 22	21 57	0 51	23 16	0 34	14 18	1 37	32 12	16 12	8 14	8 48	3 38		n.a.
F 15	4 44	12 44	1 29	2 5	0 37	12 38	0 18	7 19	0 3	16 32	0 22	21 57	0 51	23 15	0 34	14 19	1 37	32 12	16 12	8 13	8 49	3 36		n.a.
S 16	5 8	8 44	0 10	2 49	0 30	13 7	0 21	7 36	0 2	16 36	0 22	21 57	0 51	23 15	0 34	14 19	1 37	32 12	16 12	8 13	8 50	3 34		n.a.
S 17	5 32	4 7	1n12	3 33	0 24	13 35	0 23	7 54	0 1	16 39	0 22	21 57	0 51	23 15	0 34	14 20	1 37	32 11	16 11	8 13	8 52	3 32		n.a.
M18	5 56	0s49	2 29	4 17	0 17	14 3	0 26	8 12	0 1	16 43	0 22	21 57	0 51	23 15	0 34	14 21	1 37	32 11	16 11	8 14	8 53	3 30		n.a.
T 19	6 20	5 42	3 35	5 1	0 11	14 30	0 28	8 29	0 0	16 47	0 22	21 57	0 51	23 15	0 34	14 21	1 37	32 11	16 11	8 16	8 54	3 28		n.a.
W20	6 44	10 9	4 26	5 44	0 4	14 58	0 31	8 47	0s 1	16 51	0 21	21 57	0 51	23 15	0 34	14 22	1 37	32 11	16 10	8 18	8 55	3 26		n.a.
T 21	7 8	13 54	4 58	6 27	0s 2	15 24	0 33	9 4	0 1	16 55	0 21	21 56	0 51	23 15	0 34	14 23	1 37	32 11	16 10	8 20	8 56	3 24		n.a.
F 22	7 31	16 41	5 11	7 10	0 9	15 51	0 36	9 21	0 2	16 59	0 21	21 56	0 51	23 15	0 34	14 23	1 37	32 11	16 10	8 23	8 58	3 22		n.a.
S 23	7 55	18 26	5 4	7 53	0 15	16 17	0 38	9 39	0 3	17 3	0 21	21 56	0 51	23 15	0 34	14 24	1 37	32 11	16 9	8 25	8 59	3 20		n.a.
S 24	8 18	19 5	4 42	8 35	0 22	16 42	0 41	9 56	0 3	17 6	0 21	21 56	0 51	23 15	0 34	14 25	1 37	32 10	16 9	8 26	9 0	3 18		n.a.
M25	8 41	18 43	4 5	9 17	0 28	17 8	0 43	10 13	0 4	17 10	0 21	21 55	0 51	23 15	0 34	14 25	1 37	32 10	16 9	8 26	9 1	3 17		n.a.
T 26	9 4	17 26	3 18	9 58	0 34	17 32	0 46	10 30	0 5	17 14	0 21	21 55	0 51	23 15	0 34	14 26	1 37	32 10	16 8	8 26	9 2	3 15		n.a.
W27	9 27	15 22	2 23	10 39	0 41	17 56	0 48	10 47	0 5	17 18	0 20	21 55	0 51	23 15	0 34	14 27	1 37	32 10	16 8	8 26	9 4	3 13		n.a.
T 28	9 50	12 40	1 23	11 19	0 47	18 20	0 51	11 4	0 6	17 22	0 20	21 55	0 51	23 15	0 34	14 28	1 37	32 10	16 8	8 25	9 5	3 11		n.a.
F 29	10 13	9 29	0 20	11 59	0 53	18 43	0 53	11 21	0 7	17 26	0 20	21 54	0 51	23 15	0 34	14 28	1 37	32 9	16 7	8 25	9 6	3 9		n.a.
S 30	10 35	5 56	0s44	12 39	0 59	19 6	0 55	11 38	0 7	17 29	0 20	21 54	0 51	23 15	0 34	14 29	1 36	32 9	16 7	8 25	9 7	3 7		n.a.
S 31	10s57	2s 8	1s46	13s18	1s 4	19s28	0s58	11s54	0s 8	17s33	0n20	21n54	0s51	23n15	0n34	14s30	1n36	32s 9	16s 7	8n26	9n 8	3s 5		n.a.

Julian Day Number = 1302024.5, Delta T = 07h49m28s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'31, Lahiri = -19°48'30 Julian Calendar 1 Oct. 1149 BCE == Greg. Calendar 20 Sept. 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

NOVEMBER 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 59 8	29♎ 4'54	10♈32	3♏22	23♏11	1♏ 7	19♏40	12°R59	17♋24	13♏ 8	14°R12	8°R38	6♍48	26♓21	n.a.	M 1
T 2	2 3 4	0♏ 6'04	22°30	4°57	24°25	1°52	19°53	12♊57	17°24	13°10	14♒12	8♍31	6°44	26°28	n.a.	T 2
W 3	2 7 1	1° 7'14	4♉36	6°31	25°40	2°37	20° 7	12°54	17°R24	13°12	14°12	8°22	6°41	26°35	n.a.	W 3
T 4	2 10 57	2° 8'25	16°52	8° 6	26°55	3°22	20°21	12°51	17°24	13°15	14°12	8°11	6°38	26°41	n.a.	T 4
F 5	2 14 54	3° 9'37	29°17	9°40	28° 9	4° 8	20°34	12°47	17°23	13°17	14°12	8° 1	6°35	26°48	n.a.	F 5
S 6	2 18 50	4°10'49	11♊53	11°15	29°24	4°53	20°48	12°44	17°23	13°19	14°12	7°50	6°32	26°55	n.a.	S 6
S 7	2 22 47	5°12'03	24°41	12°50	0♐39	5°38	21° 1	12°41	17°23	13°21	14°12	7°42	6°29	27° 1	n.a.	S 7
M 8	2 26 44	6°13'17	7♋40	14°24	1°53	6°23	21°15	12°37	17°23	13°24	14°D12	7°36	6°25	27° 8	n.a.	M 8
T 9	2 30 40	7°14'32	20°54	15°59	3° 8	7° 9	21°29	12°34	17°23	13°26	14°12	7°32	6°22	27°15	n.a.	T 9
W10	2 34 37	8°15'48	4♌24	17°34	4°22	7°54	21°43	12°30	17°22	13°28	14°12	7°D31	6°19	27°21	n.a.	W10
T 11	2 38 33	9°17'04	18°10	19° 9	5°37	8°40	21°56	12°27	17°22	13°30	14°12	7°31	6°16	27°28	n.a.	T 11
F 12	2 42 30	10°18'21	2♍14	20°44	6°51	9°25	22°10	12°23	17°21	13°33	14°12	7°R31	6°13	27°35	n.a.	F 12
S 13	2 46 26	11°19'39	16°36	22°19	8° 6	10°11	22°24	12°19	17°21	13°35	14°12	7°31	6° 9	27°41	n.a.	S 13
S 14	2 50 23	12°20'57	1♎14	23°54	9°20	10°56	22°38	12°15	17°20	13°37	14°12	7°29	6° 6	27°48	n.a.	S 14
M15	2 54 19	13°22'16	16° 3	25°29	10°35	11°42	22°52	12°11	17°19	13°40	14°12	7°24	6° 3	27°55	n.a.	M15
T 16	2 58 16	14°23'36	0♏57	27° 4	11°49	12°28	23° 5	12° 7	17°19	13°42	14°12	7°16	6° 0	28° 1	n.a.	T 16
W17	3 2 13	15°24'55	15°46	28°39	13° 4	13°14	23°19	12° 3	17°18	13°44	14°12	7° 6	5°57	28° 8	n.a.	W17
T 18	3 6 9	16°26'15	0♐23	0♐13	14°18	13°59	23°33	11°59	17°17	13°46	14°13	6°55	5°54	28°14	n.a.	T 18
F 19	3 10 6	17°27'35	14°39	1°47	15°32	14°45	23°47	11°55	17°16	13°49	14°13	6°44	5°50	28°21	n.a.	F 19
S 20	3 14 2	18°28'55	28°30	3°20	16°47	15°31	24° 1	11°50	17°15	13°51	14°13	6°34	5°47	28°28	n.a.	S 20
S 21	3 17 59	19°30'14	11♑53	4°53	18° 1	16°17	24°15	11°46	17°14	13°53	14°14	6°26	5°44	28°34	n.a.	S 21
M22	3 21 55	20°31'34	24°49	6°25	19°15	17° 3	24°29	11°41	17°13	13°55	14°14	6°20	5°41	28°41	n.a.	M22
T 23	3 25 52	21°32'53	7♒22	7°56	20°30	17°49	24°43	11°37	17°12	13°58	14°14	6°17	5°38	28°48	n.a.	T 23
W24	3 29 49	22°34'11	19°34	9°25	21°44	18°35	24°57	11°32	17°11	14° 0	14°15	6°D17	5°35	28°54	n.a.	W24
T 25	3 33 45	23°35'30	1♓33	10°53	22°58	19°21	25°11	11°28	17°10	14° 2	14°15	6°R17	5°31	29° 1	n.a.	T 25
F 26	3 37 42	24°36'47	13°23	12°20	24°12	20° 7	25°25	11°23	17° 9	14° 4	14°15	6°17	5°28	29° 8	n.a.	F 26
S 27	3 41 38	25°38'05	25° 9	13°43	25°26	20°53	25°39	11°19	17° 7	14° 7	14°16	6°15	5°25	29°14	n.a.	S 27
S 28	3 45 35	26°39'21	6♈58	15° 4	26°41	21°39	25°53	11°14	17° 6	14° 9	14°16	6°11	5°22	29°21	n.a.	S 28
M29	3 49 31	27°40'38	18°53	16°22	27°55	22°25	26° 7	11° 9	17° 5	14°11	14°17	6° 5	5°19	29°28	n.a.	M29
T 30	3 53 28	28♏41'54	0♉58	17♐36	29♐ 9	23♏12	26♏21	11♊ 4	17♋ 3	14♏13	14♒17	5♍55	5♍15	29♓34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s19	1n45	2s43	13s56	1s10	19s50	1s 0	12s11	0s 9	17s37	0n20	21n53	0s51	23n15	0n35	14s30	1n36	32s 9	16s 6	8n28	9n10	3s 3		n.a.
T 2	11 41	5 36	3 33	14 34	1 15	20 11	1 2	12 28	0 9	17 41	0 20	21 53	0 51	23 15	0 35	14 31	1 36	32 8	16 6	8 31	9 11	3 1		n.a.
W 3	12 3	9 16	4 15	15 11	1 21	20 32	1 5	12 44	0 10	17 45	0 20	21 53	0 50	23 15	0 35	14 32	1 36	32 8	16 6	8 34	9 12	2 59		n.a.
T 4	12 25	12 36	4 45	15 47	1 26	20 52	1 7	13 0	0 11	17 49	0 19	21 52	0 50	23 15	0 35	14 32	1 36	32 8	16 5	8 38	9 13	2 57		n.a.
F 5	12 46	15 25	5 2	16 23	1 31	21 11	1 9	13 17	0 11	17 52	0 19	21 52	0 50	23 15	0 35	14 33	1 36	32 7	16 5	8 42	9 14	2 55		n.a.
S 6	13 7	17 33	5 4	16 58	1 36	21 30	1 11	13 33	0 12	17 56	0 19	21 52	0 50	23 15	0 35	14 34	1 36	32 7	16 5	8 46	9 16	2 53		n.a.
S 7	13 28	18 51	4 52	17 32	1 40	21 48	1 13	13 49	0 13	18 0	0 19	21 51	0 50	23 15	0 35	14 34	1 36	32 7	16 4	8 49	9 17	2 52		n.a.
M 8	13 49	19 12	4 25	18 5	1 44	22 6	1 15	14 5	0 13	18 4	0 19	21 51	0 50	23 15	0 35	14 35	1 36	32 6	16 4	8 51	9 18	2 50		n.a.
T 9	14 9	18 31	3 43	18 37	1 48	22 23	1 17	14 20	0 14	18 7	0 19	21 51	0 50	23 15	0 35	14 36	1 36	32 6	16 4	8 53	9 19	2 48		n.a.
W10	14 29	16 46	2 47	19 8	1 52	22 39	1 19	14 36	0 15	18 11	0 19	21 50	0 50	23 15	0 35	14 37	1 36	32 6	16 3	8 53	9 20	2 46		n.a.
T 11	14 49	14 1	1 42	19 39	1 56	22 55	1 21	14 52	0 15	18 15	0 19	21 50	0 50	23 15	0 35	14 37	1 36	32 5	16 3	8 53	9 22	2 44		n.a.
F 12	15 9	10 25	0 28	20 8	1 59	23 10	1 23	15 7	0 16	18 19	0 19	21 49	0 50	23 16	0 35	14 38	1 36	32 5	16 3	8 53	9 23	2 42		n.a.
S 13	15 28	6 7	0n48	20 36	2 2	23 24	1 25	15 22	0 16	18 22	0 18	21 49	0 50	23 16	0 35	14 39	1 36	32 5	16 2	8 53	9 24	2 40		n.a.
S 14	15 48	1 22	2 3	21 3	2 4	23 38	1 26	15 37	0 17	18 26	0 18	21 48	0 50	23 16	0 35	14 39	1 36	32 4	16 2	8 54	9 25	2 38		n.a.
M15	16 6	3s30	3 10	21 29	2 6	23 51	1 28	15 52	0 18	18 30	0 18	21 48	0 50	23 16	0 35	14 40	1 36	32 4	16 2	8 56	9 26	2 36		n.a.
T 16	16 25	8 11	4 4	21 54	2 8	24 3	1 30	16 7	0 18	18 33	0 18	21 47	0 50	23 16	0 35	14 41	1 36	32 4	16 1	8 59	9 27	2 34		n.a.
W17	16 43	12 20	4 42	22 17	2 9	24 15	1 31	16 22	0 19	18 37	0 18	21 47	0 50	23 16	0 35	14 41	1 36	32 3	16 1	9 3	9 29	2 32		n.a.
T 18	17 1	15 40	5 0	22 39	2 10	24 25	1 33	16 37	0 20	18 41	0 18	21 46	0 50	23 16	0 35	14 42	1 36	32 3	16 0	9 7	9 30	2 30		n.a.
F 19	17 19	17 58	5 0	22 59	2 10	24 35	1 34	16 51	0 20	18 44	0 18	21 46	0 50	23 17	0 35	14 43	1 36	32 2	16 0	9 11	9 31	2 28		n.a.
S 20	17 36	19 8	4 41	23 18	2 10	24 45	1 36	17 5	0 21	18 48	0 18	21 45	0 50	23 17	0 35	14 43	1 36	32 2	16 0	9 15	9 32	2 26		n.a.
S 21	17 54	19 11	4 7	23 35	2 9	24 53	1 37	17 19	0 22	18 51	0 18	21 45	0 50	23 17	0 35	14 44	1 36	32 2	15 59	9 18	9 33	2 24		n.a.
M22	18 10	18 13	3 21	23 50	2 8	25 1	1 38	17 33	0 22	18 55	0 17	21 44	0 49	23 17	0 35	14 45	1 36	32 1	15 59	9 20	9 35	2 22		n.a.
T 23	18 27	16 22	2 27	24 4	2 6	25 8	1 39	17 47	0 23	18 59	0 17	21 44	0 49	23 17	0 35	14 45	1 36	32 1	15 59	9 21	9 36	2 21		n.a.
W24	18 43	13 48	1 28	24 15	2 3	25 14	1 41	18 1	0 24	19 2	0 17	21 43	0 49	23 17	0 35	14 46	1 36	32 0	15 58	9 21	9 37	2 19		n.a.
T 25	18 58	10 42	0 25	24 25	2 0	25 20	1 42	18 14	0 24	19 6	0 17	21 43	0 49	23 18	0 35	14 47	1 36	32 0	15 58	9 21	9 38	2 17		n.a.
F 26	19 14	7 13	0s38	24 33	1 56	25 24	1 43	18 28	0 25	19 9	0 17	21 42	0 49	23 18	0 35	14 48	1 36	31 59	15 58	9 21	9 39	2 15		n.a.
S 27	19 29	3 27	1 38	24 39	1 51	25 28	1 44	18 41	0 26	19 13	0 17	21 41	0 49	23 18	0 36	14 48	1 36	31 59	15 57	9 22	9 41	2 13		n.a.
S 28	19 43	0n27	2 35	24 43	1 45	25 32	1 44	18 54	0 26	19 16	0 17	21 41	0 49	23 18	0 36	14 49	1 36	31 58	15 57	9 23	9 42	2 11		n.a.
M29	19 58	4 21	3 25	24 44	1 38	25 34	1 45	19 6	0 27	19 20	0 17	21 40	0 49	23 18	0 36	14 50	1 36	31 58	15 57	9 26	9 43	2 9		n.a.
T 30	20s12	8n 9	4s 7	24s44	1s30	25s36	1s46	19s19	0s27	19s23	0n17	21n40	0s49	23n19	0n36	14s50	1n36	31s57	15s56	9n29	9n44	2s 7		n.a.

Julian Day Number = 1302055.5, Delta T = 07h49m26s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'26, Lahiri = -19°48'26 Julian Calendar 1 Nov. 1149 BCE == Greg. Calendar 21 Oct. 1149 BCE

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ASTRODIENST EPHEMERIS for the year 1149 BCE
geocentric

DECEMBER 1149 BCE (-1148) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 57 24	29♏43'09	13♉15	18♐46	0♑23	23♏58	26♏35	11°R 0	17°R 2	14♏16	14♒18	5°R43	5♍12	29♓41	n.a.	W 1
T 2	4 1 21	0♐44'24	25°45	19°51	1°37	24°44	26°49	10♊55	17♋ 0	14°18	14°18	5♍30	5° 9	29°48	n.a.	T 2
F 3	4 5 18	1°45'38	8♊29	20°49	2°51	25°30	27° 3	10°50	16°59	14°20	14°19	5°15	5° 6	29°54	n.a.	F 3
S 4	4 9 14	2°46'52	21°25	21°41	4° 4	26°17	27°17	10°45	16°57	14°22	14°20	5° 2	5° 3	0♈ 1	n.a.	S 4
S 5	4 13 11	3°48'06	4♋33	22°25	5°18	27° 3	27°31	10°40	16°55	14°24	14°20	4°50	5° 0	0° 8	n.a.	S 5
M 6	4 17 7	4°49'19	17°52	23° 1	6°32	27°50	27°45	10°35	16°54	14°27	14°21	4°41	4°56	0°14	n.a.	M 6
T 7	4 21 4	5°50'32	1♌21	23°27	7°46	28°36	27°58	10°30	16°52	14°29	14°21	4°36	4°53	0°21	n.a.	T 7
W 8	4 25 0	6°51'44	14°59	23°43	9° 0	29°22	28°12	10°25	16°50	14°31	14°22	4°33	4°50	0°28	n.a.	W 8
T 9	4 28 57	7°52'56	28°47	23°R48	10°13	0♐ 9	28°26	10°20	16°48	14°33	14°23	4°32	4°47	0°34	n.a.	T 9
F 10	4 32 54	8°54'07	12♍44	23°42	11°27	0°56	28°40	10°15	16°46	14°35	14°24	4°32	4°44	0°41	n.a.	F 10
S 11	4 36 50	9°55'18	26°52	23°24	12°41	1°42	28°54	10°10	16°45	14°37	14°24	4°31	4°41	0°48	n.a.	S 11
S 12	4 40 47	10°56'28	11♎ 8	22°54	13°54	2°29	29° 8	10° 5	16°43	14°39	14°25	4°29	4°37	0°54	n.a.	S 12
M13	4 44 43	11°57'38	25°32	22°13	15° 8	3°15	29°22	10° 1	16°41	14°41	14°26	4°23	4°34	1° 1	n.a.	M13
T 14	4 48 40	12°58'47	9♏58	21°22	16°21	4° 2	29°36	9°56	16°39	14°43	14°27	4°15	4°31	1° 8	n.a.	T 14
W15	4 52 36	13°59'56	24°22	20°22	17°35	4°49	29°49	9°51	16°37	14°45	14°28	4° 4	4°28	1°14	n.a.	W15
T 16	4 56 33	15° 1'04	8♐38	19°15	18°48	5°35	0♐ 3	9°46	16°34	14°47	14°28	3°52	4°25	1°21	n.a.	T 16
F 17	5 0 29	16° 2'10	22°38	18° 3	20° 1	6°22	0°17	9°41	16°32	14°49	14°29	3°39	4°21	1°28	n.a.	F 17
S 18	5 4 26	17° 3'16	6♑20	16°47	21°15	7° 9	0°31	9°36	16°30	14°51	14°30	3°28	4°18	1°34	n.a.	S 18
S 19	5 8 23	18° 4'21	19°38	15°31	22°28	7°56	0°44	9°31	16°28	14°53	14°31	3°19	4°15	1°41	n.a.	S 19
M20	5 12 19	19° 5'24	2♒34	14°17	23°41	8°42	0°58	9°26	16°26	14°55	14°32	3°12	4°12	1°48	n.a.	M20
T 21	5 16 16	20° 6'26	15° 7	13° 6	24°54	9°29	1°12	9°21	16°24	14°57	14°33	3° 8	4° 9	1°54	n.a.	T 21
W22	5 20 12	21° 7'26	27°22	12° 0	26° 7	10°16	1°25	9°16	16°21	14°59	14°34	3° 7	4° 6	2° 1	n.a.	W22
T 23	5 24 9	22° 8'25	9♓23	11° 1	27°20	11° 3	1°39	9°12	16°19	15° 1	14°35	3°D 7	4° 2	2° 8	n.a.	T 23
F 24	5 28 5	23° 9'23	21°15	10°10	28°33	11°50	1°52	9° 7	16°17	15° 3	14°36	3°R 7	3°59	2°14	n.a.	F 24
S 25	5 32 2	24°10'18	3♈ 3	9°27	29°46	12°36	2° 6	9° 2	16°14	15° 5	14°37	3° 7	3°56	2°21	n.a.	S 25
S 26	5 35 59	25°11'13	14°53	8°52	0♒59	13°23	2°19	8°57	16°12	15° 7	14°38	3° 5	3°53	2°28	n.a.	S 26
M27	5 39 55	26°12'05	26°51	8°26	2°11	14°10	2°33	8°53	16° 9	15° 9	14°39	3° 0	3°50	2°34	n.a.	M27
T 28	5 43 52	27°12'56	9♉ 0	8° 8	3°24	14°57	2°46	8°48	16° 7	15°11	14°40	2°53	3°47	2°41	n.a.	T 28
W29	5 47 48	28°13'46	21°24	7°59	4°37	15°44	2°59	8°44	16° 5	15°12	14°41	2°44	3°43	2°48	n.a.	W29
T 30	5 51 45	29°14'34	4♊ 5	7°D57	5°49	16°31	3°13	8°39	16° 2	15°14	14°43	2°33	3°40	2°54	n.a.	T 30
F 31	5 55 41	0♑15'20	17♊ 4	8♐ 3	7♒ 2	17♐18	3♐26	8♊35	16♋ 0	15♏16	14♒44	2♍21	3♍37	3♈ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s25	11n40	4s38	24s41	1s21	25s36	1s47	19s31	0s28	19s26	0n16	21n39	0s49	23n19	0n36	14s51	1n36	31s57	15s56	9n34	9n45	2s 5		n.a.
T 2	20 38	14 43	4 56	24 36	1 11	25 36	1 47	19 44	0 29	19 30	0 16	21 39	0 49	23 19	0 36	14 51	1 36	31 57	15 56	9 39	9 46	2 3		n.a.
F 3	20 51	17 9	4 59	24 29	0 59	25 36	1 48	19 56	0 29	19 33	0 16	21 38	0 49	23 19	0 36	14 52	1 36	31 56	15 55	9 44	9 48	2 1		n.a.
S 4	21 3	18 45	4 48	24 21	0 47	25 34	1 48	20 7	0 30	19 37	0 16	21 37	0 48	23 20	0 36	14 53	1 36	31 56	15 55	9 49	9 49	1 59		n.a.
S 5	21 15	19 24	4 21	24 10	0 33	25 32	1 48	20 19	0 31	19 40	0 16	21 37	0 48	23 20	0 36	14 53	1 36	31 55	15 55	9 54	9 50	1 57		n.a.
M 6	21 27	18 59	3 40	23 57	0 18	25 28	1 49	20 30	0 31	19 43	0 16	21 36	0 48	23 20	0 36	14 54	1 36	31 54	15 54	9 57	9 51	1 55		n.a.
T 7	21 38	17 29	2 46	23 42	0 2	25 25	1 49	20 41	0 32	19 46	0 16	21 36	0 48	23 20	0 36	14 55	1 36	31 54	15 54	9 59	9 52	1 53		n.a.
W 8	21 49	14 59	1 41	23 26	0n14	25 20	1 49	20 52	0 33	19 50	0 16	21 35	0 48	23 21	0 36	14 55	1 36	31 53	15 54	10 0	9 54	1 51		n.a.
T 9	21 59	11 37	0 30	23 9	0 32	25 14	1 49	21 3	0 33	19 53	0 16	21 34	0 48	23 21	0 36	14 56	1 36	31 53	15 53	10 0	9 55	1 49		n.a.
F 10	22 9	7 33	0n43	22 50	0 51	25 8	1 49	21 14	0 34	19 56	0 16	21 34	0 48	23 21	0 36	14 57	1 36	31 52	15 53	10 0	9 56	1 47		n.a.
S 11	22 18	3 1	1 55	22 30	1 10	25 1	1 49	21 24	0 34	19 59	0 15	21 33	0 48	23 21	0 36	14 57	1 36	31 52	15 53	10 1	9 57	1 45		n.a.
S 12	22 27	1s43	3 1	22 9	1 29	24 53	1 49	21 34	0 35	20 2	0 15	21 32	0 48	23 22	0 36	14 58	1 36	31 51	15 53	10 2	9 58	1 43		n.a.
M13	22 35	6 23	3 55	21 47	1 49	24 45	1 48	21 44	0 36	20 6	0 15	21 32	0 48	23 22	0 36	14 58	1 36	31 51	15 52	10 3	9 59	1 41		n.a.
T 14	22 43	10 42	4 35	21 26	2 7	24 36	1 48	21 53	0 36	20 9	0 15	21 31	0 47	23 22	0 36	14 59	1 36	31 50	15 52	10 7	10 1	1 39		n.a.
W15	22 51	14 23	4 57	21 4	2 25	24 26	1 47	22 3	0 37	20 12	0 15	21 31	0 47	23 22	0 36	15 0	1 36	31 50	15 52	10 11	10 2	1 37		n.a.
T 16	22 58	17 10	5 0	20 42	2 41	24 15	1 47	22 12	0 37	20 15	0 15	21 30	0 47	23 23	0 36	15 0	1 36	31 49	15 51	10 15	10 3	1 36		n.a.
F 17	23 5	18 53	4 45	20 22	2 56	24 4	1 46	22 21	0 38	20 18	0 15	21 29	0 47	23 23	0 36	15 1	1 36	31 49	15 51	10 20	10 4	1 34		n.a.
S 18	23 11	19 27	4 13	20 2	3 9	23 51	1 46	22 29	0 39	20 21	0 15	21 29	0 47	23 23	0 36	15 1	1 36	31 48	15 51	10 24	10 5	1 32		n.a.
S 19	23 17	18 55	3 29	19 44	3 19	23 39	1 45	22 38	0 39	20 24	0 15	21 28	0 47	23 24	0 36	15 2	1 37	31 47	15 50	10 27	10 6	1 30		n.a.
M20	23 22	17 24	2 35	19 28	3 27	23 25	1 44	22 46	0 40	20 27	0 15	21 27	0 47	23 24	0 36	15 2	1 37	31 47	15 50	10 30	10 8	1 28		n.a.
T 21	23 27	15 4	1 34	19 14	3 32	23 11	1 43	22 54	0 40	20 30	0 14	21 27	0 47	23 24	0 36	15 3	1 37	31 46	15 50	10 31	10 9	1 26		n.a.
W22	23 32	12 6	0 31	19 2	3 36	22 56	1 42	23 2	0 41	20 33	0 14	21 26	0 46	23 25	0 36	15 4	1 37	31 46	15 50	10 32	10 10	1 24		n.a.
T 23	23 35	8 42	0s33	18 53	3 37	22 40	1 41	23 9	0 42	20 36	0 14	21 26	0 46	23 25	0 36	15 4	1 37	31 45	15 49	10 32	10 11	1 22		n.a.
F 24	23 39	4 59	1 35	18 47	3 36	22 24	1 39	23 16	0 42	20 38	0 14	21 25	0 46	23 25	0 36	15 5	1 37	31 45	15 49	10 32	10 12	1 20		n.a.
S 25	23 42	1 6	2 32	18 43	3 33	22 8	1 38	23 23	0 43	20 41	0 14	21 24	0 46	23 25	0 36	15 5	1 37	31 44	15 49	10 32	10 14	1 18		n.a.
S 26	23 44	2n50	3 23	18 43	3 28	21 50	1 37	23 30	0 43	20 44	0 14	21 24	0 46	23 26	0 36	15 6	1 37	31 43	15 49	10 32	10 15	1 16		n.a.
M27	23 46	6 42	4 6	18 44	3 22	21 32	1 35	23 36	0 44	20 47	0 14	21 23	0 46	23 26	0 36	15 6	1 37	31 43	15 48	10 34	10 16	1 14		n.a.
T 28	23 48	10 21	4 38	18 49	3 15	21 13	1 33	23 42	0 44	20 50	0 14	21 23	0 46	23 26	0 36	15 7	1 37	31 42	15 48	10 37	10 17	1 12		n.a.
W29	23 49	13 37	4 58	18 55	3 7	20 54	1 32	23 48	0 45	20 52	0 14	21 22	0 46	23 27	0 36	15 7	1 37	31 42	15 48	10 40	10 18	1 10		n.a.
T 30	23 50	16 20	5 3	19 3	2 58	20 35	1 30	23 53	0 45	20 55	0 14	21 21	0 45	23 27	0 36	15 8	1 37	31 41	15 48	10 44	10 19	1 8		n.a.
F 31	23s50	18n19	4s54	19s14	2n49	20s14	1s28	23s58	0s46	20s58	0n14	21n21	0s45	23n27	0n36	15s 8	1n37	31s41	15s47	10n48	10n21	1s 6		n.a.

Julian Day Number = 1302085.5, Delta T = 07h49m25s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'22, Lahiri = -19°48'22 Julian Calendar 1 Dec. 1149 BCE == Greg. Calendar 20 Nov. 1149 BCE

The year -1148 astronomical counting style corresponds to year 1149 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

JANUARY 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 38	1♉16'05	0♋21	8♐15	8♒14	18♐ 5	3♐39	8°R30	15°R57	15♏18	14♒45	2°R10	3♍34	3♈ 8	n.a.	S 1
S 2	6 3 34	2°16'49	13°53	8°34	9°26	18°52	3°52	8♊26	15♋55	15°19	14°46	2♍ 1	3°31	3°14	n.a.	S 2
M 3	6 7 31	3°17'30	27°38	8°59	10°38	19°39	4° 5	8°22	15°52	15°21	14°47	1°54	3°27	3°21	n.a.	M 3
T 4	6 11 28	4°18'11	11♌32	9°29	11°50	20°26	4°19	8°18	15°50	15°23	14°48	1°49	3°24	3°28	n.a.	T 4
W 5	6 15 24	5°18'50	25°32	10° 4	13° 2	21°13	4°32	8°13	15°47	15°24	14°50	1°D48	3°21	3°34	n.a.	W 5
T 6	6 19 21	6°19'27	9♍36	10°43	14°14	22° 0	4°45	8° 9	15°44	15°26	14°51	1°48	3°18	3°41	n.a.	T 6
F 7	6 23 17	7°20'03	23°42	11°27	15°26	22°47	4°57	8° 5	15°42	15°27	14°52	1°49	3°15	3°48	n.a.	F 7
S 8	6 27 14	8°20'38	7♎49	12°15	16°38	23°34	5°10	8° 1	15°39	15°29	14°53	1°R49	3°12	3°54	n.a.	S 8
S 9	6 31 10	9°21'11	21°56	13° 6	17°49	24°21	5°23	7°57	15°37	15°31	14°55	1°48	3° 8	4° 1	n.a.	S 9
M10	6 35 7	10°21'43	6♏ 1	14° 0	19° 1	25° 8	5°36	7°54	15°34	15°32	14°56	1°46	3° 5	4° 8	n.a.	M10
T 11	6 39 3	11°22'13	20° 3	14°58	20°12	25°55	5°49	7°50	15°31	15°34	14°57	1°41	3° 2	4°14	n.a.	T 11
W12	6 43 0	12°22'42	3♐59	15°58	21°24	26°43	6° 1	7°46	15°29	15°35	14°58	1°34	2°59	4°21	n.a.	W12
T 13	6 46 57	13°23'10	17°46	17° 1	22°35	27°30	6°14	7°43	15°26	15°36	15° 0	1°25	2°56	4°28	n.a.	T 13
F 14	6 50 53	14°23'35	1♑20	18° 6	23°46	28°17	6°26	7°39	15°24	15°38	15° 1	1°17	2°53	4°34	n.a.	F 14
S 15	6 54 50	15°23'59	14°40	19°13	24°57	29° 4	6°39	7°36	15°21	15°39	15° 2	1° 9	2°49	4°41	n.a.	S 15
S 16	6 58 46	16°24'21	27°43	20°23	26° 8	29°51	6°51	7°33	15°18	15°41	15° 4	1° 3	2°46	4°48	n.a.	S 16
M17	7 2 43	17°24'41	10♒28	21°34	27°19	0♑38	7° 3	7°29	15°16	15°42	15° 5	0°59	2°43	4°54	n.a.	M17
T 18	7 6 39	18°24'59	22°55	22°47	28°29	1°25	7°16	7°26	15°13	15°43	15° 7	0°56	2°40	5° 1	n.a.	T 18
W19	7 10 36	19°25'15	5♓ 8	24° 2	29°40	2°12	7°28	7°23	15°10	15°44	15° 8	0°D56	2°37	5° 8	n.a.	W19
T 20	7 14 32	20°25'28	17° 8	25°19	0♓50	2°59	7°40	7°20	15° 8	15°46	15° 9	0°57	2°33	5°14	n.a.	T 20
F 21	7 18 29	21°25'40	29° 1	26°37	2° 1	3°46	7°52	7°17	15° 5	15°47	15°11	0°59	2°30	5°21	n.a.	F 21
S 22	7 22 26	22°25'49	10♈50	27°57	3°11	4°34	8° 4	7°15	15° 3	15°48	15°12	1° 0	2°27	5°28	n.a.	S 22
S 23	7 26 22	23°25'56	22°41	29°18	4°21	5°21	8°16	7°12	15° 0	15°49	15°14	1°R 1	2°24	5°34	n.a.	S 23
M24	7 30 19	24°26'00	4♉39	0♑40	5°31	6° 8	8°27	7° 9	14°57	15°50	15°15	1° 1	2°21	5°41	n.a.	M24
T 25	7 34 15	25°26'03	16°48	2° 4	6°41	6°55	8°39	7° 7	14°55	15°51	15°16	0°58	2°18	5°48	n.a.	T 25
W26	7 38 12	26°26'03	29°14	3°30	7°50	7°42	8°51	7° 4	14°52	15°52	15°18	0°55	2°14	5°54	n.a.	W26
T 27	7 42 8	27°26'01	11♊59	4°56	9° 0	8°29	9° 2	7° 2	14°50	15°53	15°19	0°50	2°11	6° 1	n.a.	T 27
F 28	7 46 5	28°25'56	25° 6	6°24	10° 9	9°16	9°14	7° 0	14°47	15°54	15°21	0°44	2° 8	6° 8	n.a.	F 28
S 29	7 50 1	29°25'49	8♋36	7°53	11°18	10° 3	9°25	6°58	14°45	15°55	15°22	0°39	2° 5	6°14	n.a.	S 29
S 30	7 53 58	0♒25'41	22°26	9°23	12°27	10°50	9°36	6°56	14°42	15°56	15°24	0°35	2° 2	6°21	n.a.	S 30
M31	7 57 55	1♒25'29	6♌33	10♉55	13♓36	11♉37	9♐47	6♊54	14♋40	15♏57	15♒25	0♍32	1♍59	6♈28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23 s49	19n22	4 s28	19 s25	2n39	19 s53	1 s26	24 s 3	0 s47	21 s 0	0n13	21n20	0 s45	23n28	0n36	15 s 9	1n37	31 s40	15 s47	10n52	10n22	1 s 4			n.a.
S 2	23 49	19 20	3 47	19 38	2 29	19 32	1 24	24 8	0 47	21 3	0 13	21 20	0 45	23 28	0 36	15 9	1 37	31 39	15 47	10 56	10 23	1 2			n.a.
M 3	23 47	18 10	2 52	19 52	2 19	19 10	1 22	24 13	0 48	21 6	0 13	21 19	0 45	23 28	0 36	15 10	1 37	31 39	15 47	10 58	10 24	1 0			n.a.
T 4	23 45	15 54	1 46	20 8	2 8	18 48	1 20	24 17	0 48	21 8	0 13	21 19	0 45	23 29	0 37	15 10	1 37	31 38	15 46	11 0	10 25	0 58			n.a.
W 5	23 43	12 42	0 34	20 23	1 57	18 25	1 18	24 21	0 49	21 11	0 13	21 18	0 44	23 29	0 37	15 10	1 37	31 38	15 46	11 0	10 26	0 56			n.a.
T 6	23 40	8 44	0n42	20 40	1 46	18 1	1 15	24 24	0 49	21 13	0 13	21 18	0 44	23 29	0 37	15 11	1 37	31 37	15 46	11 0	10 28	0 54			n.a.
F 7	23 37	4 18	1 55	20 56	1 36	17 38	1 13	24 27	0 50	21 16	0 13	21 17	0 44	23 30	0 37	15 11	1 37	31 36	15 46	11 0	10 29	0 52			n.a.
S 8	23 34	0 s23	3 1	21 13	1 25	17 13	1 10	24 30	0 50	21 18	0 13	21 17	0 44	23 30	0 37	15 12	1 37	31 36	15 46	11 0	10 30	0 50			n.a.
S 9	23 30	5 2	3 56	21 30	1 15	16 49	1 8	24 33	0 51	21 20	0 13	21 16	0 44	23 30	0 37	15 12	1 37	31 35	15 45	11 0	10 31	0 48			n.a.
M10	23 25	9 24	4 37	21 47	1 4	16 24	1 5	24 36	0 51	21 23	0 13	21 16	0 44	23 31	0 37	15 13	1 37	31 35	15 45	11 1	10 32	0 46			n.a.
T 11	23 20	13 13	5 1	22 4	0 54	15 58	1 2	24 38	0 52	21 25	0 12	21 15	0 44	23 31	0 37	15 13	1 37	31 34	15 45	11 3	10 33	0 44			n.a.
W12	23 14	16 16	5 7	22 21	0 44	15 32	0 59	24 40	0 52	21 28	0 12	21 15	0 43	23 31	0 37	15 13	1 37	31 33	15 45	11 6	10 35	0 42			n.a.
T 13	23 9	18 22	4 55	22 37	0 34	15 6	0 57	24 41	0 53	21 30	0 12	21 14	0 43	23 32	0 37	15 14	1 37	31 33	15 45	11 9	10 36	0 40			n.a.
F 14	23 2	19 23	4 26	22 53	0 24	14 39	0 54	24 42	0 53	21 32	0 12	21 14	0 43	23 32	0 37	15 14	1 37	31 32	15 45	11 12	10 37	0 38			n.a.
S 15	22 55	19 18	3 44	23 8	0 15	14 12	0 50	24 43	0 54	21 34	0 12	21 14	0 43	23 32	0 37	15 15	1 37	31 32	15 44	11 14	10 38	0 36			n.a.
S 16	22 48	18 11	2 50	23 23	0 5	13 45	0 47	24 44	0 54	21 37	0 12	21 13	0 43	23 32	0 37	15 15	1 37	31 31	15 44	11 17	10 39	0 34			n.a.
M17	22 40	16 10	1 49	23 37	0 s 4	13 18	0 44	24 44	0 55	21 39	0 12	21 13	0 43	23 33	0 37	15 15	1 37	31 30	15 44	11 18	10 40	0 32			n.a.
T 18	22 32	13 25	0 43	23 50	0 12	12 50	0 41	24 44	0 55	21 41	0 12	21 12	0 42	23 33	0 37	15 16	1 37	31 30	15 44	11 19	10 42	0 30			n.a.
W19	22 24	10 8	0 s23	24 2	0 21	12 21	0 37	24 44	0 56	21 43	0 12	21 12	0 42	23 33	0 37	15 16	1 38	31 29	15 44	11 19	10 43	0 28			n.a.
T 20	22 15	6 29	1 27	24 14	0 29	11 53	0 34	24 44	0 56	21 45	0 12	21 12	0 42	23 34	0 37	15 16	1 38	31 29	15 44	11 19	10 44	0 26			n.a.
F 21	22 5	2 38	2 27	24 24	0 37	11 24	0 31	24 43	0 57	21 47	0 12	21 11	0 42	23 34	0 37	15 17	1 38	31 28	15 44	11 18	10 45	0 24			n.a.
S 22	21 56	1n18	3 20	24 33	0 45	10 55	0 27	24 42	0 57	21 49	0 11	21 11	0 42	23 34	0 37	15 17	1 38	31 28	15 43	11 18	10 46	0 22			n.a.
S 23	21 45	5 11	4 5	24 42	0 52	10 26	0 23	24 41	0 57	21 51	0 11	21 11	0 42	23 35	0 37	15 17	1 38	31 27	15 43	11 17	10 47	0 20			n.a.
M24	21 35	8 53	4 40	24 49	0 59	9 57	0 20	24 39	0 58	21 53	0 11	21 11	0 41	23 35	0 37	15 17	1 38	31 26	15 43	11 18	10 48	0 18			n.a.
T 25	21 24	12 18	5 3	24 55	1 6	9 27	0 16	24 37	0 58	21 55	0 11	21 10	0 41	23 35	0 37	15 18	1 38	31 26	15 43	11 18	10 50	0 16			n.a.
W26	21 13	15 14	5 12	24 59	1 12	8 57	0 12	24 35	0 59	21 57	0 11	21 10	0 41	23 36	0 37	15 18	1 38	31 25	15 43	11 20	10 51	0 14			n.a.
T 27	21 1	17 32	5 6	25 3	1 19	8 27	0 8	24 32	0 59	21 59	0 11	21 10	0 41	23 36	0 37	15 18	1 38	31 25	15 43	11 21	10 52	0 12			n.a.
F 28	20 49	19 0	4 45	25 5	1 24	7 57	0 4	24 29	1 0	22 1	0 11	21 10	0 41	23 36	0 37	15 18	1 38	31 24	15 43	11 23	10 53	0 10			n.a.
S 29	20 36	19 27	4 7	25 5	1 30	7 27	0 0	24 26	1 0	22 3	0 11	21 10	0 41	23 36	0 37	15 19	1 38	31 24	15 43	11 25	10 54	0 8			n.a.
S 30	20 23	18 45	3 14	25 4	1 35	6 56	0n 4	24 23	1 0	22 5	0 11	21 9	0 40	23 37	0 37	15 19	1 38	31 23	15 43	11 27	10 55	0 6			n.a.
M31	20 s10	16n53	2 s 8	25 s 2	1 s40	6 s26	0n 8	24 s19	1 s 1	22 s 6	0n11	21n 9	0 s40	23n37	0n37	15 s19	1n38	31 s23	15 s42	11n28	10n57	0 s 4			n.a.

Julian Day Number = 1302116.5, Delta T = 07h49m23s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'18, Lahiri = -19°48'18 Julian Calendar 1 Jan. 1148 BCE == Greg. Calendar 21 Dec. 1149 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

FEBRUARY 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 51	2♒25'16	20♌54	12♉28	14♓45	12♉24	9♐58	6°R52	14°R37	15♏58	15♒27	0°R30	1♍55	6♈34	n.a.	T 1
W 2	8 5 48	3°25'01	5♍22	14° 1	15°53	13°11	10° 9	6♊51	14♋35	15°59	15°28	0°D30	1°52	6°41	n.a.	W 2
T 3	8 9 44	4°24'44	19°53	15°37	17° 1	13°58	10°20	6°49	14°32	16° 0	15°30	0♍30	1°49	6°48	n.a.	T 3
F 4	8 13 41	5°24'24	4♎20	17°13	18° 9	14°45	10°31	6°48	14°30	16° 0	15°31	0°32	1°46	6°54	n.a.	F 4
S 5	8 17 37	6°24'03	18°41	18°50	19°17	15°32	10°42	6°46	14°27	16° 1	15°33	0°33	1°43	7° 1	n.a.	S 5
S 6	8 21 34	7°23'40	2♏53	20°29	20°25	16°19	10°52	6°45	14°25	16° 2	15°34	0°R34	1°39	7° 8	n.a.	S 6
M 7	8 25 30	8°23'16	16°54	22° 9	21°33	17° 6	11° 3	6°44	14°23	16° 3	15°36	0°34	1°36	7°14	n.a.	M 7
T 8	8 29 27	9°22'49	0♐42	23°50	22°40	17°53	11°13	6°43	14°20	16° 3	15°37	0°33	1°33	7°21	n.a.	T 8
W 9	8 33 23	10°22'21	14°17	25°33	23°47	18°40	11°24	6°42	14°18	16° 4	15°39	0°31	1°30	7°28	n.a.	W 9
T 10	8 37 20	11°21'50	27°40	27°17	24°54	19°27	11°34	6°41	14°16	16° 4	15°40	0°28	1°27	7°34	n.a.	T 10
F 11	8 41 17	12°21'18	10♑48	29° 1	26° 1	20°14	11°44	6°41	14°14	16° 5	15°42	0°25	1°24	7°41	n.a.	F 11
S 12	8 45 13	13°20'43	23°43	0♒48	27° 8	21° 1	11°54	6°40	14°11	16° 5	15°43	0°23	1°20	7°48	n.a.	S 12
S 13	8 49 10	14°20'07	6♒24	2°35	28°14	21°48	12° 4	6°40	14° 9	16° 6	15°45	0°21	1°17	7°54	n.a.	S 13
M14	8 53 6	15°19'28	18°53	4°24	29°20	22°35	12°14	6°39	14° 7	16° 6	15°46	0°20	1°14	8° 1	n.a.	M14
T 15	8 57 3	16°18'47	1♓ 9	6°14	0♈26	23°21	12°23	6°39	14° 5	16° 7	15°48	0°D19	1°11	8° 8	n.a.	T 15
W16	9 0 59	17°18'04	13°14	8° 6	1°32	24° 8	12°33	6°39	14° 3	16° 7	15°49	0°20	1° 8	8°14	n.a.	W16
T 17	9 4 56	18°17'18	25°11	9°58	2°37	24°55	12°42	6°D39	14° 1	16° 7	15°51	0°21	1° 4	8°21	n.a.	T 17
F 18	9 8 52	19°16'30	7♈ 3	11°52	3°42	25°42	12°52	6°39	13°59	16° 8	15°52	0°22	1° 1	8°28	n.a.	F 18
S 19	9 12 49	20°15'40	18°52	13°48	4°47	26°29	13° 1	6°39	13°57	16° 8	15°54	0°23	0°58	8°34	n.a.	S 19
S 20	9 16 45	21°14'47	0♉43	15°44	5°52	27°15	13°10	6°40	13°55	16° 8	15°56	0°24	0°55	8°41	n.a.	S 20
M21	9 20 42	22°13'52	12°40	17°42	6°56	28° 2	13°19	6°40	13°53	16° 8	15°57	0°24	0°52	8°48	n.a.	M21
T 22	9 24 39	23°12'54	24°48	19°41	8° 0	28°49	13°27	6°41	13°51	16° 9	15°59	0°R24	0°49	8°54	n.a.	T 22
W23	9 28 35	24°11'54	7♊11	21°42	9° 4	29°35	13°36	6°41	13°49	16° 9	16° 0	0°24	0°45	9° 1	n.a.	W23
T 24	9 32 32	25°10'52	19°54	23°43	10° 8	0♒22	13°45	6°42	13°48	16° 9	16° 2	0°24	0°42	9° 8	n.a.	T 24
F 25	9 36 28	26° 9'47	3♋ 0	25°45	11°11	1° 9	13°53	6°43	13°46	16° 9	16° 3	0°23	0°39	9°14	n.a.	F 25
S 26	9 40 25	27° 8'40	16°31	27°49	12°14	1°55	14° 1	6°44	13°44	16° 9	16° 5	0°23	0°36	9°21	n.a.	S 26
S 27	9 44 21	28° 7'30	0♌27	29°53	13°16	2°42	14°10	6°45	13°42	16°R 9	16° 6	0°22	0°33	9°28	n.a.	S 27
M28	9 48 18	29♒ 6'18	14♌47	1♓57	14♈19	3♒28	14♐18	6♊46	13♋41	16♏ 9	16♒ 8	0♍22	0♍30	9♈35	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s56	13n56	0s52	24s58	1s44	5s55	0n12	24s15	1s 1	22s 8	0n11	21n 9	0s40	23n37	0n37	15s19	1n38	31s22	15s42	11n29	10n58	0s 2		n.a.
W 2	19 42	10 6	0n27	24 52	1 48	5 24	0 16	24 11	1 2	22 10	0 10	21 9	0 40	23 37	0 37	15 20	1 38	31 21	15 42	11 29	10 59	0 0		n.a.
T 3	19 28	5 40	1 45	24 45	1 52	4 53	0 21	24 7	1 2	22 11	0 10	21 9	0 40	23 38	0 37	15 20	1 38	31 21	15 42	11 28	11 0	0n 2		n.a.
F 4	19 14	0 56	2 56	24 36	1 55	4 22	0 25	24 2	1 2	22 13	0 10	21 9	0 40	23 38	0 37	15 20	1 38	31 20	15 42	11 28	11 1	0 4		n.a.
S 5	18 59	3s49	3 55	24 26	1 58	3 51	0 29	23 57	1 3	22 15	0 10	21 9	0 39	23 38	0 37	15 20	1 38	31 20	15 42	11 27	11 2	0 6		n.a.
S 6	18 43	8 18	4 39	24 13	2 1	3 20	0 34	23 51	1 3	22 16	0 10	21 9	0 39	23 39	0 37	15 20	1 38	31 19	15 42	11 27	11 3	0 8		n.a.
M 7	18 28	12 16	5 6	23 59	2 3	2 49	0 38	23 46	1 3	22 18	0 10	21 9	0 39	23 39	0 37	15 20	1 38	31 19	15 42	11 27	11 5	0 10		n.a.
T 8	18 12	15 30	5 15	23 44	2 4	2 18	0 43	23 40	1 4	22 20	0 10	21 9	0 39	23 39	0 37	15 21	1 38	31 18	15 42	11 28	11 6	0 12		n.a.
W 9	17 56	17 49	5 6	23 26	2 6	1 47	0 47	23 34	1 4	22 21	0 10	21 9	0 39	23 39	0 37	15 21	1 38	31 18	15 42	11 28	11 7	0 14		n.a.
T 10	17 39	19 8	4 41	23 6	2 6	1 16	0 52	23 27	1 4	22 23	0 10	21 9	0 39	23 39	0 37	15 21	1 39	31 17	15 42	11 29	11 8	0 16		n.a.
F 11	17 22	19 23	4 1	22 45	2 7	0 45	0 56	23 21	1 5	22 24	0 10	21 9	0 38	23 40	0 37	15 21	1 39	31 17	15 42	11 30	11 9	0 18		n.a.
S 12	17 5	18 37	3 9	22 22	2 7	0 14	1 1	23 14	1 5	22 26	0 9	21 9	0 38	23 40	0 37	15 21	1 39	31 16	15 42	11 31	11 10	0 20		n.a.
S 13	16 48	16 54	2 9	21 56	2 6	0n17	1 6	23 6	1 5	22 27	0 9	21 9	0 38	23 40	0 37	15 21	1 39	31 16	15 42	11 32	11 12	0 22		n.a.
M14	16 30	14 25	1 3	21 29	2 5	0 48	1 10	22 59	1 6	22 28	0 9	21 9	0 38	23 40	0 37	15 21	1 39	31 15	15 42	11 32	11 13	0 24		n.a.
T 15	16 12	11 19	0s 5	21 0	2 3	1 19	1 15	22 51	1 6	22 30	0 9	21 9	0 38	23 41	0 37	15 21	1 39	31 15	15 42	11 32	11 14	0 26		n.a.
W16	15 54	7 47	1 11	20 29	2 1	1 50	1 20	22 43	1 6	22 31	0 9	21 9	0 38	23 41	0 37	15 21	1 39	31 14	15 42	11 32	11 15	0 28		n.a.
T 17	15 36	3 59	2 14	19 56	1 58	2 21	1 25	22 35	1 7	22 32	0 9	21 10	0 37	23 41	0 37	15 21	1 39	31 14	15 42	11 32	11 16	0 30		n.a.
F 18	15 17	0 4	3 10	19 21	1 55	2 52	1 29	22 27	1 7	22 34	0 9	21 10	0 37	23 41	0 37	15 21	1 39	31 13	15 42	11 32	11 17	0 32		n.a.
S 19	14 58	3n51	3 58	18 44	1 51	3 22	1 34	22 18	1 7	22 35	0 9	21 10	0 37	23 41	0 37	15 21	1 39	31 13	15 42	11 31	11 18	0 34		n.a.
S 20	14 39	7 36	4 36	18 5	1 47	3 53	1 39	22 9	1 7	22 36	0 9	21 10	0 37	23 42	0 37	15 21	1 39	31 12	15 42	11 31	11 20	0 36		n.a.
M21	14 20	11 5	5 3	17 24	1 42	4 23	1 44	22 0	1 8	22 38	0 9	21 10	0 37	23 42	0 37	15 21	1 39	31 12	15 42	11 31	11 21	0 38		n.a.
T 22	14 0	14 10	5 16	16 41	1 37	4 53	1 48	21 50	1 8	22 39	0 8	21 11	0 37	23 42	0 36	15 21	1 39	31 12	15 42	11 31	11 22	0 40		n.a.
W23	13 40	16 41	5 15	15 56	1 31	5 23	1 53	21 41	1 8	22 40	0 8	21 11	0 36	23 42	0 36	15 21	1 39	31 11	15 42	11 31	11 23	0 42		n.a.
T 24	13 20	18 28	4 59	15 9	1 24	5 53	1 58	21 31	1 8	22 41	0 8	21 11	0 36	23 42	0 36	15 21	1 39	31 11	15 42	11 31	11 24	0 44		n.a.
F 25	13 0	19 20	4 28	14 21	1 17	6 22	2 3	21 21	1 9	22 42	0 8	21 12	0 36	23 43	0 36	15 21	1 39	31 10	15 43	11 31	11 25	0 46		n.a.
S 26	12 40	19 9	3 40	13 30	1 9	6 52	2 8	21 10	1 9	22 43	0 8	21 12	0 36	23 43	0 36	15 21	1 39	31 10	15 43	11 31	11 26	0 48		n.a.
S 27	12 19	17 48	2 39	12 39	1 1	7 21	2 12	21 0	1 9	22 44	0 8	21 12	0 36	23 43	0 36	15 21	1 39	31 9	15 43	11 31	11 28	0 50		n.a.
M28	11s58	15n18	1s26	11s46	0s52	7n50	2n17	20s49	1s 9	22s45	0n 8	21n13	0s36	23n43	0n36	15s21	1n39	31s 9	15s43	11n31	11n29	0n52		n.a.

Julian Day Number = 1302147.5, Delta T = 07h49m21s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'14, Lahiri = -19°48'13 Julian Calendar 1 Feb. 1148 BCE == Greg. Calendar 21 Jan. 1148 BCE

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

MARCH 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 14	0♓ 5'04	29♌25	4♓ 2	15♈21	4♒15	14♐25	6♊48	13°R39	16°R 9	16♒ 9	0°R22	0♍26	9♈41	n.a.	T 1
W 2	9 56 11	1° 3'48	14♍17	6° 7	16°22	5° 1	14°33	6°49	13♋38	16♏ 9	16°11	0♍22	0°23	9°48	n.a.	W 2
T 3	10 0 7	2° 2'29	29°13	8°12	17°23	5°47	14°41	6°51	13°36	16° 9	16°12	0°22	0°20	9°55	n.a.	T 3
F 4	10 4 4	3° 1'09	14♎ 7	10°17	18°24	6°34	14°48	6°52	13°35	16° 9	16°13	0°22	0°17	10° 1	n.a.	F 4
S 5	10 8 1	3°59'46	28°50	12°21	19°24	7°20	14°56	6°54	13°33	16° 8	16°15	0°22	0°14	10° 8	n.a.	S 5
S 6	10 11 57	4°58'22	13♏17	14°24	20°24	8° 6	15° 3	6°56	13°32	16° 8	16°16	0°21	0°10	10°15	n.a.	S 6
M 7	10 15 54	5°56'57	27°26	16°26	21°24	8°53	15°10	6°58	13°31	16° 8	16°18	0°21	0° 7	10°21	n.a.	M 7
T 8	10 19 50	6°55'29	11♐13	18°27	22°23	9°39	15°17	7° 0	13°29	16° 8	16°19	0°D21	0° 4	10°28	n.a.	T 8
W 9	10 23 47	7°54'00	24°40	20°25	23°22	10°25	15°24	7° 2	13°28	16° 7	16°21	0°21	0° 1	10°35	n.a.	W 9
T 10	10 27 43	8°52'29	7♑47	22°21	24°20	11°11	15°30	7° 4	13°27	16° 7	16°22	0°22	29♌58	10°41	n.a.	T 10
F 11	10 31 40	9°50'56	20°37	24°14	25°18	11°58	15°37	7° 7	13°26	16° 7	16°24	0°23	29°55	10°48	n.a.	F 11
S 12	10 35 36	10°49'21	3♒13	26° 5	26°16	12°44	15°43	7° 9	13°25	16° 6	16°25	0°24	29°51	10°55	n.a.	S 12
S 13	10 39 33	11°47'45	15°35	27°52	27°13	13°30	15°49	7°12	13°24	16° 6	16°26	0°24	29°48	11° 1	n.a.	S 13
M14	10 43 30	12°46'06	27°47	29°35	28° 9	14°16	15°55	7°14	13°23	16° 5	16°28	0°R25	29°45	11° 8	n.a.	M14
T 15	10 47 26	13°44'26	9♓51	1♈15	29° 5	15° 2	16° 1	7°17	13°22	16° 5	16°29	0°25	29°42	11°15	n.a.	T 15
W16	10 51 23	14°42'44	21°48	2°52	0♉ 0	15°48	16° 6	7°20	13°21	16° 4	16°31	0°24	29°39	11°21	n.a.	W16
T 17	10 55 19	15°40'59	3♈40	4°24	0°55	16°34	16°12	7°23	13°20	16° 4	16°32	0°22	29°36	11°28	n.a.	T 17
F 18	10 59 16	16°39'13	15°30	5°51	1°49	17°20	16°17	7°26	13°20	16° 3	16°33	0°20	29°32	11°35	n.a.	F 18
S 19	11 3 12	17°37'25	27°20	7°15	2°43	18° 6	16°22	7°29	13°19	16° 2	16°35	0°17	29°29	11°41	n.a.	S 19
S 20	11 7 9	18°35'35	9♉12	8°34	3°36	18°51	16°27	7°32	13°18	16° 2	16°36	0°14	29°26	11°48	n.a.	S 20
M21	11 11 5	19°33'42	21°10	9°48	4°29	19°37	16°32	7°36	13°18	16° 1	16°37	0°12	29°23	11°55	n.a.	M21
T 22	11 15 2	20°31'48	3♊17	10°57	5°20	20°23	16°37	7°39	13°17	16° 0	16°39	0°10	29°20	12° 1	n.a.	T 22
W23	11 18 58	21°29'51	15°38	12° 2	6°11	21° 9	16°41	7°43	13°17	16° 0	16°40	0°D 9	29°16	12° 8	n.a.	W23
T 24	11 22 55	22°27'53	28°17	13° 2	7° 2	21°54	16°46	7°46	13°16	15°59	16°41	0° 9	29°13	12°15	n.a.	T 24
F 25	11 26 52	23°25'52	11♋17	13°57	7°51	22°40	16°50	7°50	13°16	15°58	16°42	0°10	29°10	12°21	n.a.	F 25
S 26	11 30 48	24°23'50	24°42	14°47	8°40	23°25	16°54	7°54	13°15	15°57	16°44	0°11	29° 7	12°28	n.a.	S 26
S 27	11 34 45	25°21'45	8♌33	15°32	9°28	24°11	16°58	7°58	13°15	15°56	16°45	0°13	29° 4	12°35	n.a.	S 27
M28	11 38 41	26°19'39	22°52	16°12	10°15	24°56	17° 1	8° 2	13°15	15°56	16°46	0°R14	29° 1	12°42	n.a.	M28
T 29	11 42 38	27°17'30	7♍34	16°47	11° 2	25°42	17° 5	8° 6	13°15	15°55	16°47	0°14	28°57	12°48	n.a.	T 29
W30	11 46 34	28°15'20	22°36	17°16	11°47	26°27	17° 8	8°10	13°15	15°54	16°49	0°12	28°54	12°55	n.a.	W30
T 31	11 50 31	29♓13'08	7♎47	17♈41	12♉32	27♒12	17♐11	8♊14	13♋14	15♏53	16♒50	0♍10	28♌51	13♈ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s37	11n47	0s 5	10s51	0s43	8n19	2n22	20s38	1s10	22s46	0n 8	21n13	0s35	23n43	0n36	15s21	1n39	31s 9	15s43	11n31	11n30	0n54		n.a.
W 2	11 16	7 27	1n17	9 55	0 33	8 47	2 27	20 27	1 10	22 48	0 8	21 13	0 35	23 43	0 36	15 21	1 39	31 8	15 43	11 31	11 31	0 56		n.a.
T 3	10 55	2 39	2 34	8 59	0 23	9 16	2 32	20 16	1 10	22 48	0 8	21 14	0 35	23 43	0 36	15 21	1 40	31 8	15 43	11 31	11 32	0 59		n.a.
F 4	10 34	2s17	3 40	8 1	0 12	9 44	2 36	20 4	1 10	22 49	0 7	21 14	0 35	23 44	0 36	15 21	1 40	31 7	15 43	11 31	11 33	1 1		n.a.
S 5	10 12	7 1	4 31	7 3	0 1	10 11	2 41	19 52	1 10	22 50	0 7	21 15	0 35	23 44	0 36	15 21	1 40	31 7	15 43	11 32	11 34	1 3		n.a.
S 6	9 50	11 16	5 4	6 5	0n10	10 39	2 46	19 40	1 11	22 51	0 7	21 15	0 35	23 44	0 36	15 21	1 40	31 7	15 43	11 32	11 36	1 5		n.a.
M 7	9 29	14 45	5 17	5 7	0 21	11 6	2 50	19 28	1 11	22 52	0 7	21 16	0 34	23 44	0 36	15 21	1 40	31 6	15 44	11 32	11 37	1 7		n.a.
T 8	9 7	17 20	5 12	4 9	0 33	11 33	2 55	19 16	1 11	22 53	0 7	21 16	0 34	23 44	0 36	15 21	1 40	31 6	15 44	11 32	11 38	1 9		n.a.
W 9	8 45	18 54	4 50	3 11	0 44	11 59	2 59	19 3	1 11	22 54	0 7	21 17	0 34	23 44	0 36	15 20	1 40	31 6	15 44	11 32	11 39	1 11		n.a.
T 10	8 22	19 24	4 12	2 14	0 56	12 26	3 4	18 50	1 11	22 55	0 7	21 17	0 34	23 44	0 36	15 20	1 40	31 5	15 44	11 31	11 40	1 13		n.a.
F 11	8 0	18 52	3 23	1 18	1 7	12 51	3 8	18 37	1 11	22 56	0 7	21 18	0 34	23 44	0 36	15 20	1 40	31 5	15 44	11 31	11 41	1 15		n.a.
S 12	7 38	17 24	2 25	0 24	1 18	13 17	3 13	18 24	1 11	22 56	0 7	21 18	0 34	23 44	0 36	15 20	1 40	31 5	15 44	11 31	11 42	1 17		n.a.
S 13	7 15	15 8	1 21	0n30	1 29	13 42	3 17	18 11	1 12	22 57	0 6	21 19	0 33	23 45	0 36	15 20	1 40	31 4	15 44	11 31	11 43	1 19		n.a.
M14	6 52	12 13	0 15	1 21	1 40	14 7	3 22	17 57	1 12	22 58	0 6	21 20	0 33	23 45	0 36	15 20	1 40	31 4	15 45	11 30	11 45	1 21		n.a.
T 15	6 30	8 48	0s52	2 11	1 50	14 31	3 26	17 44	1 12	22 59	0 6	21 20	0 33	23 45	0 36	15 19	1 40	31 4	15 45	11 30	11 46	1 23		n.a.
W16	6 7	5 4	1 56	2 59	2 0	14 55	3 30	17 30	1 12	22 59	0 6	21 21	0 33	23 45	0 36	15 19	1 40	31 3	15 45	11 31	11 47	1 25		n.a.
T 17	5 44	1 10	2 54	3 44	2 9	15 19	3 34	17 16	1 12	23 0	0 6	21 21	0 33	23 45	0 36	15 19	1 40	31 3	15 45	11 31	11 48	1 27		n.a.
F 18	5 21	2n45	3 44	4 27	2 17	15 42	3 38	17 2	1 12	23 1	0 6	21 22	0 33	23 45	0 36	15 19	1 40	31 3	15 45	11 32	11 49	1 29		n.a.
S 19	4 58	6 34	4 25	5 8	2 25	16 5	3 42	16 48	1 12	23 1	0 6	21 23	0 33	23 45	0 36	15 19	1 40	31 3	15 45	11 33	11 50	1 31		n.a.
S 20	4 35	10 9	4 55	5 46	2 32	16 27	3 46	16 33	1 12	23 2	0 6	21 24	0 32	23 45	0 36	15 18	1 40	31 2	15 46	11 34	11 51	1 33		n.a.
M21	4 12	13 20	5 11	6 22	2 38	16 49	3 50	16 19	1 12	23 3	0 6	21 24	0 32	23 45	0 36	15 18	1 40	31 2	15 46	11 35	11 53	1 35		n.a.
T 22	3 49	16 0	5 15	6 55	2 44	17 10	3 54	16 4	1 12	23 3	0 5	21 25	0 32	23 45	0 36	15 18	1 40	31 2	15 46	11 36	11 54	1 37		n.a.
W23	3 25	18 0	5 4	7 25	2 49	17 31	3 57	15 49	1 12	23 4	0 5	21 26	0 32	23 45	0 36	15 18	1 40	31 2	15 46	11 36	11 55	1 39		n.a.
T 24	3 2	19 11	4 38	7 52	2 52	17 52	4 1	15 34	1 12	23 4	0 5	21 26	0 32	23 45	0 36	15 17	1 40	31 1	15 46	11 36	11 56	1 41		n.a.
F 25	2 39	19 23	3 58	8 17	2 55	18 12	4 4	15 19	1 12	23 5	0 5	21 27	0 32	23 45	0 36	15 17	1 40	31 1	15 47	11 36	11 57	1 43		n.a.
S 26	2 16	18 32	3 3	8 38	2 57	18 31	4 7	15 4	1 12	23 5	0 5	21 28	0 31	23 45	0 36	15 17	1 40	31 1	15 47	11 35	11 58	1 45		n.a.
S 27	1 52	16 33	1 56	8 57	2 58	18 50	4 11	14 49	1 12	23 6	0 5	21 29	0 31	23 45	0 36	15 17	1 41	31 1	15 47	11 35	11 59	1 47		n.a.
M28	1 29	13 29	0 40	9 12	2 58	19 8	4 14	14 33	1 12	23 6	0 5	21 30	0 31	23 45	0 36	15 16	1 41	31 1	15 47	11 34	12 0	1 49		n.a.
T 29	1 6	9 29	0n40	9 24	2 57	19 26	4 17	14 18	1 12	23 7	0 5	21 30	0 31	23 45	0 36	15 16	1 41	31 0	15 48	11 34	12 2	1 51		n.a.
W30	0 42	4 49	2 0	9 34	2 54	19 43	4 20	14 2	1 12	23 7	0 4	21 31	0 31	23 45	0 36	15 16	1 41	31 0	15 48	11 35	12 3	1 53		n.a.
T 31	0s19	0s13	3n12	9n40	2n51	20n 0	4n22	13s46	1s12	23s 8	0n 4	21n32	0s31	23n45	0n36	15s15	1n41	31s 0	15s48	11n36	12n 4	1n56		n.a.

Julian Day Number = 1302175.5, Delta T = 07h49m20s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'10, Lahiri = -19°48'10 Julian Calendar 1 March 1148 BCE == Greg. Calendar 18 Feb. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

APRIL 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 54 27	0♈10'54	23♎ 0	18♈ 0	13♉15	27♒58	17♐14	8♊19	13°D14	15°R52	16♒51	0°R 6	28♌48	13♈ 8	n.a.	F 1
S 2	11 58 24	1° 8'39	8♏ 3	18°14	13°58	28°43	17°17	8°23	13♋14	15♏51	16°52	0♍ 2	28°45	13°15	n.a.	S 2
S 3	12 2 20	2° 6'23	22°49	18°22	14°40	29°28	17°19	8°28	13°15	15°50	16°53	29♌58	28°41	13°22	n.a.	S 3
M 4	12 6 17	3° 4'05	7♐10	18°R26	15°20	0♓13	17°22	8°32	13°15	15°49	16°54	29°54	28°38	13°28	n.a.	M 4
T 5	12 10 14	4° 1'46	21° 5	18°25	16° 0	0°58	17°24	8°37	13°15	15°48	16°55	29°52	28°35	13°35	n.a.	T 5
W 6	12 14 10	4°59'26	4♑33	18°19	16°38	1°43	17°26	8°42	13°15	15°46	16°57	29°D51	28°32	13°42	n.a.	W 6
T 7	12 18 7	5°57'05	17°37	18° 8	17°15	2°28	17°28	8°47	13°15	15°45	16°58	29°52	28°29	13°48	n.a.	T 7
F 8	12 22 3	6°54'43	0♒18	17°53	17°51	3°13	17°29	8°51	13°16	15°44	16°59	29°53	28°26	13°55	n.a.	F 8
S 9	12 26 0	7°52'19	12°43	17°34	18°25	3°58	17°31	8°56	13°16	15°43	17° 0	29°55	28°22	14° 2	n.a.	S 9
S 10	12 29 56	8°49'54	24°53	17°12	18°59	4°43	17°32	9° 1	13°17	15°42	17° 1	29°R56	28°19	14° 8	n.a.	S 10
M11	12 33 53	9°47'28	6♓54	16°46	19°31	5°28	17°33	9° 7	13°17	15°41	17° 2	29°56	28°16	14°15	n.a.	M11
T 12	12 37 49	10°45'01	18°49	16°17	20° 1	6°12	17°34	9°12	13°18	15°39	17° 3	29°54	28°13	14°22	n.a.	T 12
W13	12 41 46	11°42'33	0♈39	15°47	20°30	6°57	17°35	9°17	13°18	15°38	17° 4	29°50	28°10	14°28	n.a.	W13
T 14	12 45 43	12°40'03	12°29	15°14	20°57	7°42	17°35	9°22	13°19	15°37	17° 5	29°44	28° 7	14°35	n.a.	T 14
F 15	12 49 39	13°37'32	24°19	14°40	21°23	8°26	17°35	9°28	13°20	15°36	17° 6	29°37	28° 3	14°42	n.a.	F 15
S 16	12 53 36	14°35'00	6♉11	14° 6	21°48	9°11	17°R36	9°33	13°20	15°34	17° 7	29°29	28° 0	14°49	n.a.	S 16
S 17	12 57 32	15°32'27	18° 7	13°32	22°10	9°55	17°36	9°39	13°21	15°33	17° 8	29°20	27°57	14°55	n.a.	S 17
M18	13 1 29	16°29'52	0♊10	12°58	22°31	10°39	17°35	9°45	13°22	15°32	17° 8	29°12	27°54	15° 2	n.a.	M18
T 19	13 5 25	17°27'16	12°21	12°26	22°50	11°24	17°35	9°50	13°23	15°30	17° 9	29° 6	27°51	15° 9	n.a.	T 19
W20	13 9 22	18°24'39	24°44	11°55	23° 7	12° 8	17°34	9°56	13°24	15°29	17°10	29° 1	27°47	15°15	n.a.	W20
T 21	13 13 18	19°22'00	7♋22	11°26	23°22	12°52	17°33	10° 2	13°25	15°27	17°11	28°58	27°44	15°22	n.a.	T 21
F 22	13 17 15	20°19'20	20°18	11° 1	23°35	13°36	17°32	10° 8	13°26	15°26	17°12	28°D58	27°41	15°29	n.a.	F 22
S 23	13 21 12	21°16'39	3♌36	10°38	23°46	14°21	17°31	10°14	13°27	15°25	17°13	28°58	27°38	15°35	n.a.	S 23
S 24	13 25 8	22°13'56	17°18	10°19	23°55	15° 5	17°30	10°20	13°29	15°23	17°13	28°59	27°35	15°42	n.a.	S 24
M25	13 29 5	23°11'13	1♍26	10° 3	24° 1	15°49	17°28	10°26	13°30	15°22	17°14	29°R 0	27°32	15°49	n.a.	M25
T 26	13 33 1	24° 8'28	16° 1	9°52	24° 6	16°32	17°26	10°32	13°31	15°20	17°15	28°58	27°28	15°55	n.a.	T 26
W27	13 36 58	25° 5'42	0♎57	9°44	24°R 8	17°16	17°24	10°38	13°32	15°19	17°16	28°55	27°25	16° 2	n.a.	W27
T 28	13 40 54	26° 2'55	16° 8	9°D41	24° 8	18° 0	17°22	10°44	13°34	15°17	17°16	28°50	27°22	16° 9	n.a.	T 28
F 29	13 44 51	27° 0'07	1♏25	9°43	24° 5	18°44	17°20	10°51	13°35	15°16	17°17	28°42	27°19	16°15	n.a.	F 29
S 30	13 48 47	27♈57'18	16♏36	9♈49	24♉ 0	19♓28	17♐17	10♊57	13♋37	15♏14	17♒18	28♌34	27♌16	16♈22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n 4	5s13	4n10	9n43	2n46	20n16	4n25	13s30	1s12	23s 8	0n 4	21n33	0s31	23n45	0n36	15s15	1n41	31s 0	15s48	11n37	12n 5	1n58		n.a.
S 2	0 28	9 51	4 50	9 43	2 40	20 32	4 27	13 14	1 12	23 9	0 4	21 34	0 30	23 45	0 36	15 15	1 41	31 0	15 49	11 39	12 6	2 0		n.a.
S 3	0 51	13 46	5 10	9 40	2 33	20 46	4 29	12 58	1 12	23 9	0 4	21 35	0 30	23 45	0 36	15 14	1 41	31 0	15 49	11 40	12 7	2 2		n.a.
M 4	1 14	16 46	5 10	9 34	2 25	21 1	4 31	12 42	1 12	23 9	0 4	21 35	0 30	23 45	0 36	15 14	1 41	31 0	15 49	11 41	12 8	2 4		n.a.
T 5	1 38	18 40	4 52	9 25	2 16	21 14	4 33	12 26	1 12	23 10	0 4	21 36	0 30	23 45	0 36	15 14	1 41	30 59	15 49	11 42	12 9	2 6		n.a.
W 6	2 1	19 28	4 17	9 13	2 6	21 27	4 35	12 9	1 12	23 10	0 4	21 37	0 30	23 45	0 36	15 13	1 41	30 59	15 50	11 42	12 11	2 8		n.a.
T 7	2 24	19 10	3 31	8 59	1 54	21 40	4 36	11 53	1 12	23 10	0 3	21 38	0 30	23 45	0 36	15 13	1 41	30 59	15 50	11 42	12 12	2 10		n.a.
F 8	2 47	17 54	2 35	8 41	1 42	21 52	4 38	11 36	1 12	23 11	0 3	21 39	0 30	23 45	0 36	15 13	1 41	30 59	15 50	11 42	12 13	2 12		n.a.
S 9	3 10	15 47	1 33	8 22	1 28	22 3	4 39	11 20	1 12	23 11	0 3	21 40	0 29	23 45	0 35	15 12	1 41	30 59	15 51	11 41	12 14	2 14		n.a.
S 10	3 33	13 0	0 27	8 0	1 14	22 13	4 40	11 3	1 12	23 11	0 3	21 41	0 29	23 45	0 35	15 12	1 41	30 59	15 51	11 41	12 15	2 16		n.a.
M11	3 56	9 42	0s38	7 35	0 59	22 23	4 40	10 46	1 12	23 11	0 3	21 42	0 29	23 44	0 35	15 11	1 41	30 59	15 51	11 41	12 16	2 18		n.a.
T 12	4 19	6 2	1 41	7 10	0 43	22 32	4 41	10 29	1 12	23 12	0 3	21 43	0 29	23 44	0 35	15 11	1 41	30 59	15 51	11 41	12 17	2 20		n.a.
W13	4 42	2 9	2 39	6 43	0 26	22 40	4 41	10 12	1 12	23 12	0 3	21 44	0 29	23 44	0 35	15 11	1 41	30 59	15 52	11 43	12 18	2 22		n.a.
T 14	5 5	1n48	3 30	6 14	0 10	22 47	4 40	9 55	1 11	23 12	0 2	21 45	0 29	23 44	0 35	15 10	1 41	30 59	15 52	11 45	12 19	2 24		n.a.
F 15	5 28	5 41	4 12	5 46	0s 7	22 54	4 40	9 38	1 11	23 12	0 2	21 46	0 29	23 44	0 35	15 10	1 41	30 59	15 52	11 47	12 21	2 26		n.a.
S 16	5 50	9 21	4 43	5 16	0 24	23 0	4 39	9 21	1 11	23 12	0 2	21 47	0 28	23 44	0 35	15 9	1 41	30 59	15 53	11 50	12 22	2 28		n.a.
S 17	6 13	12 41	5 2	4 47	0 41	23 5	4 38	9 4	1 11	23 12	0 2	21 48	0 28	23 44	0 35	15 9	1 41	30 59	15 53	11 53	12 23	2 30		n.a.
M18	6 35	15 30	5 8	4 19	0 58	23 9	4 37	8 47	1 11	23 12	0 2	21 49	0 28	23 44	0 35	15 9	1 41	30 59	15 53	11 56	12 24	2 32		n.a.
T 19	6 58	17 42	5 0	3 51	1 15	23 13	4 35	8 30	1 11	23 13	0 2	21 49	0 28	23 44	0 35	15 8	1 41	30 59	15 54	11 59	12 25	2 34		n.a.
W20	7 20	19 6	4 38	3 24	1 31	23 15	4 33	8 12	1 11	23 13	0 2	21 50	0 28	23 44	0 35	15 8	1 41	30 59	15 54	12 0	12 26	2 36		n.a.
T 21	7 42	19 36	4 2	2 59	1 46	23 17	4 31	7 55	1 10	23 13	0 1	21 51	0 28	23 43	0 35	15 7	1 41	30 59	15 54	12 1	12 27	2 39		n.a.
F 22	8 4	19 5	3 13	2 35	2 0	23 17	4 28	7 37	1 10	23 13	0 1	21 52	0 28	23 43	0 35	15 7	1 41	30 59	15 55	12 1	12 28	2 41		n.a.
S 23	8 26	17 31	2 12	2 14	2 14	23 17	4 25	7 20	1 10	23 13	0 1	21 53	0 28	23 43	0 35	15 7	1 41	30 59	15 55	12 1	12 29	2 43		n.a.
S 24	8 48	14 55	1 3	1 54	2 27	23 16	4 22	7 3	1 10	23 13	0 1	21 54	0 27	23 43	0 35	15 6	1 41	30 59	15 55	12 1	12 31	2 45		n.a.
M25	9 9	11 20	0n13	1 37	2 38	23 14	4 18	6 45	1 10	23 13	0 1	21 56	0 27	23 43	0 35	15 6	1 41	30 59	15 56	12 1	12 32	2 47		n.a.
T 26	9 31	6 59	1 30	1 23	2 49	23 11	4 13	6 28	1 9	23 13	0 1	21 57	0 27	23 43	0 35	15 5	1 41	30 59	15 56	12 1	12 33	2 49		n.a.
W27	9 52	2 6	2 43	1 11	2 59	23 7	4 8	6 10	1 9	23 13	0 1	21 58	0 27	23 43	0 35	15 5	1 41	30 59	15 56	12 2	12 34	2 51		n.a.
T 28	10 13	3s 0	3 45	1 2	3 7	23 2	4 3	5 52	1 9	23 13	0 0	21 59	0 27	23 42	0 35	15 4	1 41	30 59	15 57	12 4	12 35	2 53		n.a.
F 29	10 34	7 55	4 31	0 56	3 15	22 55	3 57	5 35	1 9	23 13	0 0	22 0	0 27	23 42	0 35	15 4	1 41	30 59	15 57	12 7	12 36	2 55		n.a.
S 30	10n55	12s19	4n58	0n53	3s21	22n48	3n51	5s17	1s 9	23s13	0n 0	22n 1	0s27	23n42	0n35	15s 3	1n41	31s 0	15s57	12n10	12n37	2n57		n.a.

Julian Day Number = 1302206.5, Delta T = 07h49m18s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'06, Lahiri = -19°48'05 Julian Calendar 1 Apr. 1148 BCE == Greg. Calendar 21 March 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

MAY 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 44	28♈54'29	1♐32	9♈59	23°R53	20♓11	17°R15	11♊ 3	13♋38	15°R13	17♒18	28°R25	27♌12	16♈29	n.a.	S 1
M 2	13 56 41	29°51'39	16° 4	10°14	23♉43	20°55	17♐12	11°10	13°40	15♏11	17°19	28♌17	27° 9	16°36	n.a.	M 2
T 3	14 0 37	0♉48'49	0♂ 8	10°34	23°31	21°38	17° 9	11°16	13°42	15°10	17°19	28°12	27° 6	16°42	n.a.	T 3
W 4	14 4 34	1°45'58	13°42	10°58	23°16	22°22	17° 6	11°23	13°43	15° 8	17°20	28° 8	27° 3	16°49	n.a.	W 4
T 5	14 8 30	2°43'07	26°48	11°26	22°59	23° 5	17° 2	11°30	13°45	15° 7	17°20	28° 7	27° 0	16°56	n.a.	T 5
F 6	14 12 27	3°40'16	9♒29	11°59	22°40	23°48	16°59	11°36	13°47	15° 5	17°21	28°D 7	26°57	17° 2	n.a.	F 6
S 7	14 16 23	4°37'24	21°50	12°36	22°19	24°32	16°55	11°43	13°49	15° 3	17°22	28°R 7	26°53	17° 9	n.a.	S 7
S 8	14 20 20	5°34'32	3♓57	13°17	21°55	25°15	16°51	11°50	13°50	15° 2	17°22	28° 7	26°50	17°16	n.a.	S 8
M 9	14 24 16	6°31'40	15°53	14° 2	21°30	25°58	16°47	11°56	13°52	15° 0	17°22	28° 6	26°47	17°22	n.a.	M 9
T 10	14 28 13	7°28'48	27°43	14°52	21° 2	26°41	16°43	12° 3	13°54	14°59	17°23	28° 2	26°44	17°29	n.a.	T 10
W11	14 32 10	8°25'55	9♈32	15°45	20°33	27°24	16°38	12°10	13°56	14°57	17°23	27°56	26°41	17°36	n.a.	W11
T 12	14 36 6	9°23'02	21°21	16°42	20° 1	28° 7	16°34	12°17	13°58	14°55	17°24	27°47	26°38	17°42	n.a.	T 12
F 13	14 40 3	10°20'09	3♉14	17°43	19°29	28°50	16°29	12°24	14° 0	14°54	17°24	27°35	26°34	17°49	n.a.	F 13
S 14	14 43 59	11°17'15	15°12	18°47	18°55	29°33	16°24	12°31	14° 3	14°52	17°24	27°23	26°31	17°56	n.a.	S 14
S 15	14 47 56	12°14'21	27°16	19°56	18°20	0♈15	16°19	12°38	14° 5	14°51	17°25	27°10	26°28	18° 3	n.a.	S 15
M16	14 51 52	13°11'27	9♊28	21° 8	17°44	0°58	16°14	12°45	14° 7	14°49	17°25	26°57	26°25	18° 9	n.a.	M16
T 17	14 55 49	14° 8'33	21°49	22°23	17° 7	1°41	16° 8	12°52	14° 9	14°47	17°25	26°47	26°22	18°16	n.a.	T 17
W18	14 59 45	15° 5'38	4♋21	23°42	16°30	2°23	16° 3	13° 0	14°12	14°46	17°26	26°39	26°18	18°23	n.a.	W18
T 19	15 3 42	16° 2'43	17° 4	25° 4	15°52	3° 6	15°57	13° 7	14°14	14°44	17°26	26°34	26°15	18°29	n.a.	T 19
F 20	15 7 39	16°59'48	0♌ 3	26°30	15°15	3°48	15°52	13°14	14°16	14°42	17°26	26°31	26°12	18°36	n.a.	F 20
S 21	15 11 35	17°56'52	13°19	28° 0	14°38	4°30	15°46	13°21	14°19	14°41	17°26	26°30	26° 9	18°43	n.a.	S 21
S 22	15 15 32	18°53'56	26°55	29°32	14° 1	5°13	15°40	13°29	14°21	14°39	17°26	26°30	26° 6	18°49	n.a.	S 22
M23	15 19 28	19°50'59	10♍53	1♉ 8	13°25	5°55	15°33	13°36	14°24	14°38	17°27	26°30	26° 3	18°56	n.a.	M23
T 24	15 23 25	20°48'02	25°13	2°48	12°50	6°37	15°27	13°43	14°26	14°36	17°27	26°28	25°59	19° 3	n.a.	T 24
W25	15 27 21	21°45'05	9♎54	4°30	12°16	7°19	15°21	13°51	14°29	14°34	17°27	26°23	25°56	19°10	n.a.	W25
T 26	15 31 18	22°42'08	24°51	6°16	11°43	8° 1	15°14	13°58	14°32	14°33	17°27	26°16	25°53	19°16	n.a.	T 26
F 27	15 35 15	23°39'11	9♏57	8° 4	11°12	8°43	15° 8	14° 5	14°34	14°31	17°27	26° 7	25°50	19°23	n.a.	F 27
S 28	15 39 11	24°36'14	25° 0	9°56	10°42	9°25	15° 1	14°13	14°37	14°30	17°27	25°56	25°47	19°30	n.a.	S 28
S 29	15 43 8	25°33'17	9♐53	11°50	10°14	10° 6	14°54	14°20	14°40	14°28	17°R27	25°45	25°43	19°36	n.a.	S 29
M30	15 47 4	26°30'20	24°25	13°47	9°49	10°48	14°47	14°28	14°42	14°27	17°27	25°36	25°40	19°43	n.a.	M30
T 31	15 51 1	27♉27'24	8♂32	15♉46	9♉25	11♈30	14♐40	14♊35	14♋45	14♏25	17♒27	25♌28	25♌37	19♈50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n16	15s50	5n 4	0n52	3s26	22n40	3n44	5s 0	1s 8	23s12	0s 0	22n 2	0s27	23n42	0n35	15s 3	1n41	31s 0	15s58	12n13	12n38	2n59			n.a.
M 2	11 36	18 16	4 50	0 54	3 30	22 30	3 37	4 42	1 8	23 12	0 0	22 3	0 26	23 42	0 35	15 2	1 41	31 0	15 58	12 16	12 39	3 1			n.a.
T 3	11 57	19 31	4 19	0 59	3 33	22 19	3 29	4 24	1 8	23 12	0 0	22 4	0 26	23 41	0 35	15 2	1 41	31 0	15 58	12 18	12 41	3 3			n.a.
W 4	12 17	19 34	3 34	1 7	3 35	22 8	3 21	4 7	1 8	23 12	0 0	22 5	0 26	23 41	0 35	15 2	1 41	31 0	15 59	12 19	12 42	3 5			n.a.
T 5	12 37	18 32	2 39	1 17	3 36	21 55	3 12	3 49	1 7	23 12	0 1	22 6	0 26	23 41	0 35	15 1	1 41	31 0	15 59	12 19	12 43	3 7			n.a.
F 6	12 57	16 36	1 38	1 30	3 36	21 41	3 3	3 31	1 7	23 12	0 1	22 7	0 26	23 41	0 35	15 1	1 41	31 0	15 59	12 19	12 44	3 9			n.a.
S 7	13 16	13 56	0 33	1 45	3 36	21 26	2 53	3 14	1 7	23 11	0 1	22 8	0 26	23 41	0 35	15 0	1 41	31 1	16 0	12 19	12 45	3 11			n.a.
S 8	13 36	10 42	0s31	2 3	3 34	21 9	2 42	2 56	1 6	23 11	0 1	22 9	0 26	23 40	0 35	15 0	1 41	31 1	16 0	12 19	12 46	3 14			n.a.
M 9	13 55	7 5	1 33	2 23	3 31	20 52	2 32	2 38	1 6	23 11	0 1	22 10	0 26	23 40	0 35	14 59	1 41	31 1	16 1	12 20	12 47	3 16			n.a.
T 10	14 14	3 13	2 31	2 46	3 28	20 34	2 20	2 21	1 6	23 11	0 1	22 11	0 26	23 40	0 35	14 59	1 41	31 1	16 1	12 21	12 48	3 18			n.a.
W11	14 33	0n45	3 21	3 10	3 24	20 14	2 9	2 3	1 6	23 10	0 2	22 12	0 25	23 40	0 35	14 58	1 41	31 1	16 1	12 23	12 49	3 20			n.a.
T 12	14 51	4 42	4 3	3 37	3 19	19 54	1 56	1 45	1 5	23 10	0 2	22 13	0 25	23 39	0 35	14 58	1 41	31 2	16 2	12 26	12 50	3 22			n.a.
F 13	15 10	8 30	4 35	4 6	3 13	19 33	1 44	1 28	1 5	23 10	0 2	22 14	0 25	23 39	0 35	14 57	1 41	31 2	16 2	12 30	12 52	3 24			n.a.
S 14	15 28	11 58	4 54	4 36	3 7	19 11	1 31	1 10	1 5	23 9	0 2	22 15	0 25	23 39	0 35	14 57	1 41	31 2	16 2	12 35	12 53	3 26			n.a.
S 15	15 46	14 59	5 1	5 9	3 0	18 49	1 18	0 53	1 4	23 9	0 2	22 16	0 25	23 39	0 35	14 56	1 41	31 2	16 3	12 39	12 54	3 28			n.a.
M16	16 3	17 23	4 54	5 43	2 52	18 25	1 4	0 35	1 4	23 9	0 2	22 17	0 25	23 38	0 35	14 56	1 41	31 2	16 3	12 44	12 55	3 30			n.a.
T 17	16 21	19 2	4 33	6 19	2 44	18 2	0 51	0 17	1 4	23 8	0 3	22 18	0 25	23 38	0 35	14 55	1 41	31 3	16 3	12 47	12 56	3 32			n.a.
W18	16 38	19 47	3 59	6 57	2 35	17 38	0 37	0n 0	1 3	23 8	0 3	22 19	0 25	23 38	0 35	14 55	1 41	31 3	16 4	12 50	12 57	3 34			n.a.
T 19	16 54	19 32	3 12	7 36	2 26	17 13	0 23	0 17	1 3	23 7	0 3	22 20	0 25	23 38	0 35	14 54	1 41	31 3	16 4	12 52	12 58	3 36			n.a.
F 20	17 11	18 16	2 15	8 16	2 16	16 49	0 9	0 35	1 3	23 7	0 3	22 21	0 24	23 37	0 35	14 54	1 41	31 4	16 5	12 53	12 59	3 38			n.a.
S 21	17 27	15 59	1 9	8 58	2 6	16 25	0s 5	0 52	1 2	23 6	0 3	22 22	0 24	23 37	0 35	14 54	1 41	31 4	16 5	12 53	13 0	3 40			n.a.
S 22	17 43	12 47	0n 2	9 41	1 56	16 0	0 19	1 10	1 2	23 6	0 3	22 23	0 24	23 37	0 35	14 53	1 41	31 4	16 5	12 53	13 1	3 42			n.a.
M23	17 59	8 46	1 15	10 25	1 45	15 36	0 33	1 27	1 1	23 5	0 4	22 24	0 24	23 37	0 34	14 53	1 41	31 4	16 6	12 53	13 3	3 44			n.a.
T 24	18 15	4 9	2 26	11 10	1 34	15 13	0 46	1 44	1 1	23 5	0 4	22 25	0 24	23 36	0 34	14 52	1 41	31 5	16 6	12 54	13 4	3 47			n.a.
W25	18 30	0s48	3 28	11 56	1 22	14 49	1 0	2 1	1 1	23 4	0 4	22 26	0 24	23 36	0 34	14 52	1 41	31 5	16 7	12 55	13 5	3 49			n.a.
T 26	18 45	5 48	4 17	12 43	1 11	14 27	1 13	2 19	1 0	23 4	0 4	22 27	0 24	23 36	0 34	14 51	1 41	31 5	16 7	12 58	13 6	3 51			n.a.
F 27	18 59	10 28	4 49	13 30	0 59	14 5	1 26	2 36	1 0	23 3	0 4	22 28	0 24	23 35	0 34	14 51	1 41	31 6	16 7	13 1	13 7	3 53			n.a.
S 28	19 14	14 28	5 0	14 17	0 47	13 44	1 38	2 53	0 59	23 3	0 4	22 29	0 24	23 35	0 34	14 50	1 41	31 6	16 8	13 5	13 8	3 55			n.a.
S 29	19 28	17 29	4 52	15 4	0 36	13 23	1 50	3 10	0 59	23 2	0 5	22 30	0 23	23 35	0 34	14 50	1 41	31 6	16 8	13 8	13 9	3 57			n.a.
M30	19 41	19 19	4 24	15 51	0 24	13 4	2 2	3 27	0 58	23 1	0 5	22 31	0 23	23 34	0 34	14 49	1 41	31 7	16 8	13 12	13 10	3 59			n.a.
T 31	19n55	19s53	3n41	16n38	0s12	12n46	2s13	3n44	0s58	23s 1	0s 5	22n32	0s23	23n34	0n34	14s49	1n41	31s 7	16s 9	13n14	13n11	4n 1			n.a.

Julian Day Number = 1302236.5, Delta T = 07h49m17s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°55'02, Lahiri = -19°48'01 Julian Calendar 1 May 1148 BCE == Greg. Calendar 20 Apr. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

JUNE 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 54 57	28♉24'29	22♋ 9	17♉47	9°R 4	12♈11	14°R33	14♊43	14♋48	14°R23	17°R27	25°R23	25♌34	19♈56	n.a.	W 1
T 2	15 58 54	29°21'34	5♒19	19°50	8♉45	12°53	14♐26	14°51	14°51	14♏22	17♒27	25♌20	25°31	20° 3	n.a.	T 2
F 3	16 2 50	0♊18'39	18° 3	21°55	8°28	13°34	14°19	14°58	14°54	14°20	17°27	25°19	25°28	20°10	n.a.	F 3
S 4	16 6 47	1°15'46	0♓26	24° 1	8°13	14°16	14°11	15° 6	14°57	14°19	17°27	25°19	25°24	20°16	n.a.	S 4
S 5	16 10 44	2°12'52	12°33	26° 8	8° 1	14°57	14° 4	15°13	15° 0	14°17	17°26	25°18	25°21	20°23	n.a.	S 5
M 6	16 14 40	3°10'00	24°29	28°16	7°51	15°38	13°57	15°21	15° 3	14°16	17°26	25°17	25°18	20°30	n.a.	M 6
T 7	16 18 37	4° 7'08	6♈19	0♊25	7°44	16°19	13°49	15°29	15° 6	14°14	17°26	25°13	25°15	20°37	n.a.	T 7
W 8	16 22 33	5° 4'18	18° 8	2°33	7°39	17° 0	13°42	15°36	15° 9	14°13	17°26	25° 7	25°12	20°43	n.a.	W 8
T 9	16 26 30	6° 1'27	0♉ 0	4°42	7°37	17°41	13°34	15°44	15°12	14°11	17°26	24°58	25° 9	20°50	n.a.	T 9
F 10	16 30 26	6°58'38	11°58	6°50	7°D37	18°22	13°26	15°52	15°15	14°10	17°25	24°47	25° 5	20°57	n.a.	F 10
S 11	16 34 23	7°55'49	24° 4	8°58	7°39	19° 3	13°19	15°59	15°18	14° 8	17°25	24°35	25° 2	21° 3	n.a.	S 11
S 12	16 38 20	8°53'02	6♊19	11° 4	7°43	19°44	13°11	16° 7	15°21	14° 7	17°25	24°22	24°59	21°10	n.a.	S 12
M13	16 42 16	9°50'15	18°45	13°10	7°50	20°24	13° 3	16°15	15°25	14° 5	17°24	24° 9	24°56	21°17	n.a.	M13
T 14	16 46 13	10°47'28	1♋21	15°15	7°58	21° 5	12°55	16°23	15°28	14° 4	17°24	23°59	24°53	21°23	n.a.	T 14
W15	16 50 9	11°44'43	14° 8	17°18	8° 9	21°45	12°48	16°30	15°31	14° 3	17°24	23°51	24°49	21°30	n.a.	W15
T 16	16 54 6	12°41'58	27° 6	19°20	8°22	22°26	12°40	16°38	15°34	14° 1	17°23	23°46	24°46	21°37	n.a.	T 16
F 17	16 58 2	13°39'13	10♌16	21°20	8°37	23° 6	12°32	16°46	15°38	14° 0	17°23	23°43	24°43	21°44	n.a.	F 17
S 18	17 1 59	14°36'29	23°40	23°20	8°54	23°46	12°24	16°54	15°41	13°59	17°22	23°D42	24°40	21°50	n.a.	S 18
S 19	17 5 55	15°33'46	7♍18	25°17	9°12	24°27	12°17	17° 1	15°44	13°57	17°22	23°42	24°37	21°57	n.a.	S 19
M20	17 9 52	16°31'03	21°11	27°13	9°33	25° 7	12° 9	17° 9	15°48	13°56	17°22	23°R43	24°34	22° 4	n.a.	M20
T 21	17 13 49	17°28'21	5♎21	29° 7	9°55	25°47	12° 1	17°17	15°51	13°55	17°21	23°41	24°30	22°10	n.a.	T 21
W22	17 17 45	18°25'40	19°46	1♋ 0	10°19	26°27	11°54	17°25	15°55	13°53	17°21	23°38	24°27	22°17	n.a.	W22
T 23	17 21 42	19°22'59	4♏22	2°51	10°44	27° 6	11°46	17°33	15°58	13°52	17°20	23°32	24°24	22°24	n.a.	T 23
F 24	17 25 38	20°20'19	19° 6	4°40	11°11	27°46	11°38	17°40	16° 2	13°51	17°19	23°25	24°21	22°31	n.a.	F 24
S 25	17 29 35	21°17'41	3♐48	6°28	11°40	28°26	11°31	17°48	16° 5	13°50	17°19	23°15	24°18	22°37	n.a.	S 25
S 26	17 33 31	22°15'03	18°23	8°14	12°10	29° 6	11°23	17°56	16° 9	13°49	17°18	23° 6	24°15	22°44	n.a.	S 26
M27	17 37 28	23°12'26	2♋42	9°59	12°42	29°45	11°16	18° 4	16°12	13°47	17°18	22°58	24°11	22°51	n.a.	M27
T 28	17 41 24	24° 9'51	16°40	11°42	13°15	0♉24	11° 8	18°11	16°16	13°46	17°17	22°51	24° 8	22°57	n.a.	T 28
W29	17 45 21	25° 7'17	0♒14	13°23	13°49	1° 4	11° 1	18°19	16°19	13°45	17°16	22°47	24° 5	23° 4	n.a.	W29
T 30	17 49 18	26♊ 4'44	13♒22	15♋ 3	14♉24	1♉43	10♐54	18♊27	16♋23	13♏44	17♒16	22♌44	24♌ 2	23♈11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 8	19s15	2n46	17n24	0s 1	12n29	2s24	4n 1	0s58	23s 0	0s 5	22n33	0s23	23n34	0n34	14s48	1n41	31s 8	16s 9	13n16	13n12	4n 3		n.a.
T 2	20 20	17 34	1 44	18 9	0n10	12 13	2 34	4 18	0 57	22 59	0 5	22 34	0 23	23 33	0 34	14 48	1 41	31 8	16 10	13 17	13 13	4 5		n.a.
F 3	20 33	15 4	0 38	18 53	0 21	11 58	2 44	4 34	0 57	22 59	0 5	22 35	0 23	23 33	0 34	14 48	1 41	31 8	16 10	13 18	13 15	4 7		n.a.
S 4	20 45	11 55	0s27	19 35	0 31	11 44	2 54	4 51	0 56	22 58	0 6	22 36	0 23	23 33	0 34	14 47	1 41	31 9	16 10	13 18	13 16	4 9		n.a.
S 5	20 57	8 21	1 30	20 16	0 41	11 32	3 3	5 8	0 56	22 57	0 6	22 37	0 23	23 32	0 34	14 47	1 41	31 9	16 11	13 18	13 17	4 11		n.a.
M 6	21 8	4 29	2 28	20 55	0 50	11 21	3 11	5 24	0 55	22 57	0 6	22 38	0 23	23 32	0 34	14 46	1 41	31 9	16 11	13 18	13 18	4 13		n.a.
T 7	21 19	0 29	3 19	21 32	0 59	11 11	3 19	5 41	0 55	22 56	0 6	22 39	0 23	23 32	0 34	14 46	1 41	31 10	16 11	13 19	13 19	4 15		n.a.
W 8	21 29	3n31	4 1	22 7	1 7	11 2	3 27	5 57	0 54	22 55	0 6	22 40	0 22	23 31	0 34	14 45	1 41	31 10	16 12	13 22	13 20	4 18		n.a.
T 9	21 40	7 24	4 33	22 39	1 15	10 55	3 34	6 13	0 54	22 54	0 6	22 41	0 22	23 31	0 34	14 45	1 41	31 11	16 12	13 25	13 21	4 20		n.a.
F 10	21 50	11 1	4 53	23 9	1 22	10 49	3 40	6 30	0 53	22 54	0 7	22 42	0 22	23 30	0 34	14 45	1 41	31 11	16 12	13 28	13 22	4 22		n.a.
S 11	21 59	14 14	5 1	23 36	1 28	10 43	3 46	6 46	0 53	22 53	0 7	22 43	0 22	23 30	0 34	14 44	1 41	31 12	16 13	13 33	13 23	4 24		n.a.
S 12	22 8	16 53	4 54	24 0	1 33	10 40	3 52	7 2	0 52	22 52	0 7	22 44	0 22	23 30	0 34	14 44	1 41	31 12	16 13	13 37	13 24	4 26		n.a.
M13	22 17	18 48	4 34	24 22	1 38	10 37	3 57	7 18	0 52	22 51	0 7	22 44	0 22	23 29	0 34	14 43	1 41	31 12	16 14	13 41	13 25	4 28		n.a.
T 14	22 26	19 49	4 0	24 41	1 42	10 35	4 2	7 34	0 51	22 50	0 7	22 45	0 22	23 29	0 34	14 43	1 41	31 13	16 14	13 45	13 26	4 30		n.a.
W15	22 34	19 52	3 14	24 57	1 45	10 34	4 6	7 50	0 51	22 49	0 7	22 46	0 22	23 29	0 34	14 43	1 41	31 13	16 14	13 47	13 28	4 32		n.a.
T 16	22 41	18 51	2 16	25 11	1 48	10 35	4 10	8 6	0 50	22 49	0 8	22 47	0 22	23 28	0 34	14 42	1 41	31 14	16 15	13 49	13 29	4 34		n.a.
F 17	22 49	16 49	1 11	25 22	1 50	10 36	4 14	8 21	0 50	22 48	0 8	22 48	0 22	23 28	0 34	14 42	1 41	31 14	16 15	13 50	13 30	4 36		n.a.
S 18	22 55	13 51	0 0	25 30	1 51	10 38	4 17	8 37	0 49	22 47	0 8	22 49	0 22	23 27	0 34	14 42	1 41	31 15	16 15	13 50	13 31	4 38		n.a.
S 19	23 2	10 5	1n12	25 36	1 52	10 42	4 20	8 52	0 48	22 46	0 8	22 50	0 21	23 27	0 34	14 41	1 41	31 15	16 16	13 50	13 32	4 40		n.a.
M20	23 8	5 42	2 21	25 40	1 52	10 46	4 22	9 8	0 48	22 45	0 8	22 51	0 21	23 26	0 34	14 41	1 41	31 16	16 16	13 50	13 33	4 42		n.a.
T 21	23 14	0 56	3 23	25 41	1 51	10 51	4 25	9 23	0 47	22 44	0 8	22 51	0 21	23 26	0 34	14 40	1 41	31 16	16 16	13 51	13 34	4 44		n.a.
W22	23 19	3s58	4 13	25 39	1 50	10 56	4 27	9 38	0 47	22 43	0 9	22 52	0 21	23 26	0 34	14 40	1 41	31 17	16 17	13 52	13 35	4 46		n.a.
T 23	23 24	8 41	4 47	25 36	1 48	11 3	4 28	9 54	0 46	22 43	0 9	22 53	0 21	23 25	0 34	14 40	1 40	31 17	16 17	13 54	13 36	4 49		n.a.
F 24	23 28	12 56	5 3	25 31	1 46	11 10	4 29	10 9	0 46	22 42	0 9	22 54	0 21	23 25	0 34	14 39	1 40	31 18	16 17	13 56	13 37	4 51		n.a.
S 25	23 32	16 22	4 59	25 23	1 43	11 18	4 30	10 24	0 45	22 41	0 9	22 55	0 21	23 24	0 34	14 39	1 40	31 18	16 18	13 59	13 38	4 53		n.a.
S 26	23 36	18 45	4 35	25 14	1 40	11 26	4 31	10 38	0 44	22 40	0 9	22 56	0 21	23 24	0 34	14 39	1 40	31 19	16 18	14 2	13 39	4 55		n.a.
M27	23 39	19 54	3 54	25 3	1 36	11 35	4 32	10 53	0 44	22 39	0 9	22 56	0 21	23 23	0 34	14 39	1 40	31 19	16 18	14 5	13 40	4 57		n.a.
T 28	23 42	19 47	3 0	24 50	1 32	11 45	4 32	11 8	0 43	22 38	0 10	22 57	0 21	23 23	0 34	14 38	1 40	31 20	16 19	14 7	13 41	4 59		n.a.
W29	23 44	18 31	1 58	24 36	1 27	11 55	4 32	11 22	0 43	22 37	0 10	22 58	0 21	23 23	0 34	14 38	1 40	31 20	16 19	14 9	13 43	5 1		n.a.
T 30	23n46	16s17	0n50	24n20	1n22	12n 6	4s32	11n37	0s42	22s36	0s10	22n59	0s20	23n22	0n34	14s38	1n40	31s21	16s19	14n10	13n44	5n 3		n.a.

Julian Day Number = 1302267.5, Delta T = 07h49m15s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'58, Lahiri = -19°47'57 Julian Calendar 1 June 1148 BCE == Greg. Calendar 21 May 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

JULY 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 53 14	27♊ 2'13	26♒ 7	16♋41	15♉ 1	2♉22	10°R47	18♊34	16♋26	13°R43	17°R15	22°D44	23♌59	23♈17	n.a.	F 1
S 2	17 57 11	27°59'43	8♓32	18°17	15°39	3° 1	10♐40	18°42	16°30	13♏42	17♒14	22♌45	23°55	23°24	n.a.	S 2
S 3	18 1 7	28°57'15	20°41	19°52	16°18	3°40	10°33	18°50	16°34	13°41	17°14	22°46	23°52	23°31	n.a.	S 3
M 4	18 5 4	29°54'48	2♈39	21°26	16°58	4°19	10°26	18°58	16°37	13°40	17°13	22°R46	23°49	23°38	n.a.	M 4
T 5	18 9 0	0♋52'23	14°31	22°57	17°40	4°58	10°19	19° 5	16°41	13°39	17°12	22°45	23°46	23°44	n.a.	T 5
W 6	18 12 57	1°50'00	26°22	24°28	18°22	5°37	10°12	19°13	16°45	13°38	17°11	22°42	23°43	23°51	n.a.	W 6
T 7	18 16 53	2°47'38	8♉17	25°56	19° 5	6°16	10° 5	19°21	16°48	13°37	17°11	22°37	23°40	23°58	n.a.	T 7
F 8	18 20 50	3°45'18	20°20	27°23	19°49	6°54	9°59	19°28	16°52	13°36	17°10	22°30	23°36	24° 4	n.a.	F 8
S 9	18 24 47	4°43'00	2♊33	28°49	20°35	7°33	9°52	19°36	16°56	13°35	17° 9	22°22	23°33	24°11	n.a.	S 9
S 10	18 28 43	5°40'43	14°59	0♌12	21°21	8°11	9°46	19°43	16°59	13°34	17° 8	22°13	23°30	24°18	n.a.	S 10
M11	18 32 40	6°38'28	27°39	1°35	22° 7	8°49	9°40	19°51	17° 3	13°34	17° 7	22° 5	23°27	24°24	n.a.	M11
T 12	18 36 36	7°36'15	10♋33	2°55	22°55	9°27	9°34	19°58	17° 7	13°33	17° 6	21°58	23°24	24°31	n.a.	T 12
W13	18 40 33	8°34'03	23°40	4°13	23°43	10° 6	9°28	20° 6	17°11	13°32	17° 5	21°53	23°21	24°38	n.a.	W13
T 14	18 44 29	9°31'53	7♌ 0	5°30	24°33	10°44	9°22	20°13	17°14	13°31	17° 5	21°50	23°17	24°45	n.a.	T 14
F 15	18 48 26	10°29'44	20°31	6°45	25°23	11°21	9°17	20°21	17°18	13°31	17° 4	21°D49	23°14	24°51	n.a.	F 15
S 16	18 52 23	11°27'37	4♍12	7°58	26°13	11°59	9°11	20°28	17°22	13°30	17° 3	21°50	23°11	24°58	n.a.	S 16
S 17	18 56 19	12°25'30	18° 3	9° 9	27° 4	12°37	9° 6	20°36	17°26	13°29	17° 2	21°51	23° 8	25° 5	n.a.	S 17
M18	19 0 16	13°23'26	2♎ 3	10°18	27°56	13°14	9° 1	20°43	17°29	13°29	17° 1	21°52	23° 5	25°11	n.a.	M18
T 19	19 4 12	14°21'23	16°11	11°24	28°49	13°52	8°56	20°51	17°33	13°28	17° 0	21°R53	23° 1	25°18	n.a.	T 19
W20	19 8 9	15°19'21	0♏25	12°28	29°42	14°29	8°51	20°58	17°37	13°28	16°59	21°52	22°58	25°25	n.a.	W20
T 21	19 12 5	16°17'20	14°43	13°30	0♊36	15° 7	8°46	21° 5	17°41	13°27	16°58	21°49	22°55	25°32	n.a.	T 21
F 22	19 16 2	17°15'22	29° 2	14°29	1°30	15°44	8°41	21°12	17°44	13°27	16°57	21°45	22°52	25°38	n.a.	F 22
S 23	19 19 58	18°13'25	13♐18	15°26	2°25	16°21	8°37	21°20	17°48	13°26	16°56	21°41	22°49	25°45	n.a.	S 23
S 24	19 23 55	19°11'29	27°26	16°20	3°20	16°58	8°33	21°27	17°52	13°26	16°55	21°36	22°46	25°52	n.a.	S 24
M25	19 27 51	20° 9'35	11♑21	17°10	4°16	17°35	8°29	21°34	17°56	13°25	16°54	21°31	22°42	25°58	n.a.	M25
T 26	19 31 48	21° 7'43	25° 0	17°58	5°13	18°11	8°25	21°41	17°59	13°25	16°53	21°28	22°39	26° 5	n.a.	T 26
W27	19 35 45	22° 5'53	8♒20	18°42	6°10	18°48	8°21	21°48	18° 3	13°25	16°52	21°26	22°36	26°12	n.a.	W27
T 28	19 39 41	23° 4'05	21°20	19°22	7° 7	19°25	8°18	21°55	18° 7	13°24	16°51	21°D25	22°33	26°19	n.a.	T 28
F 29	19 43 38	24° 2'19	4♓ 1	19°59	8° 5	20° 1	8°14	22° 2	18°11	13°24	16°49	21°25	22°30	26°25	n.a.	F 29
S 30	19 47 34	25° 0'35	16°25	20°31	9° 4	20°37	8°11	22° 9	18°14	13°24	16°48	21°27	22°27	26°32	n.a.	S 30
S 31	19 51 31	25♋58'53	28♓34	20♌59	10♊ 2	21♉13	8♐ 8	22♊16	18♋18	13♏23	16♒47	21♌29	22♌23	26♈39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	13s18	0s18	24n 2	1n17	12n17	4s31	11n51	0s41	22s35	0s10	22n59	0s20	23n22	0n34	14s37	1n40	31s21	16s19	14n10	13n45	5n 5		n.a.
S 2	23 49	9 48	1 24	23 44	1 11	12 29	4 30	12 5	0 41	22 35	0 10	23 0	0 20	23 21	0 34	14 37	1 40	31 22	16 20	14 9	13 46	5 7		n.a.
S 3	23 49	5 57	2 24	23 24	1 5	12 41	4 29	12 19	0 40	22 34	0 10	23 1	0 20	23 21	0 34	14 37	1 40	31 22	16 20	14 9	13 47	5 9		n.a.
M 4	23 50	1 57	3 18	23 3	0 58	12 53	4 28	12 33	0 39	22 33	0 10	23 2	0 20	23 20	0 34	14 37	1 40	31 23	16 20	14 9	13 48	5 11		n.a.
T 5	23 50	2n 6	4 2	22 41	0 52	13 6	4 27	12 47	0 39	22 32	0 11	23 2	0 20	23 20	0 34	14 36	1 40	31 23	16 21	14 9	13 49	5 13		n.a.
W 6	23 49	6 4	4 36	22 18	0 45	13 19	4 26	13 1	0 38	22 31	0 11	23 3	0 20	23 19	0 34	14 36	1 40	31 24	16 21	14 10	13 50	5 15		n.a.
T 7	23 48	9 48	4 58	21 55	0 37	13 33	4 24	13 14	0 37	22 30	0 11	23 4	0 20	23 19	0 34	14 36	1 40	31 24	16 21	14 12	13 51	5 18		n.a.
F 8	23 46	13 11	5 7	21 30	0 29	13 46	4 22	13 28	0 37	22 29	0 11	23 4	0 20	23 18	0 34	14 36	1 40	31 25	16 21	14 14	13 52	5 20		n.a.
S 9	23 45	16 4	5 2	21 5	0 21	14 0	4 20	13 41	0 36	22 29	0 11	23 5	0 20	23 18	0 34	14 35	1 40	31 25	16 22	14 17	13 53	5 22		n.a.
S 10	23 42	18 16	4 44	20 39	0 13	14 14	4 18	13 54	0 35	22 28	0 11	23 6	0 20	23 18	0 34	14 35	1 40	31 26	16 22	14 20	13 54	5 24		n.a.
M11	23 40	19 38	4 11	20 12	0 5	14 29	4 16	14 8	0 35	22 27	0 11	23 6	0 20	23 17	0 34	14 35	1 40	31 26	16 22	14 22	13 55	5 26		n.a.
T 12	23 36	20 0	3 24	19 46	0s 4	14 43	4 13	14 21	0 34	22 26	0 12	23 7	0 20	23 17	0 34	14 35	1 40	31 27	16 23	14 25	13 56	5 28		n.a.
W13	23 33	19 19	2 26	19 18	0 13	14 58	4 11	14 33	0 33	22 26	0 12	23 8	0 19	23 16	0 34	14 35	1 39	31 27	16 23	14 26	13 57	5 30		n.a.
T 14	23 29	17 33	1 20	18 51	0 22	15 12	4 8	14 46	0 32	22 25	0 12	23 8	0 19	23 16	0 34	14 35	1 39	31 28	16 23	14 27	13 59	5 32		n.a.
F 15	23 24	14 47	0 7	18 23	0 31	15 27	4 5	14 59	0 32	22 24	0 12	23 9	0 19	23 15	0 34	14 34	1 39	31 28	16 23	14 28	14 0	5 34		n.a.
S 16	23 20	11 10	1n 7	17 55	0 41	15 42	4 2	15 11	0 31	22 23	0 12	23 10	0 19	23 15	0 34	14 34	1 39	31 29	16 24	14 28	14 1	5 36		n.a.
S 17	23 14	6 54	2 18	17 27	0 50	15 56	3 59	15 24	0 30	22 23	0 12	23 10	0 19	23 14	0 34	14 34	1 39	31 30	16 24	14 27	14 2	5 38		n.a.
M18	23 9	2 14	3 21	16 59	1 0	16 11	3 56	15 36	0 29	22 22	0 12	23 11	0 19	23 14	0 34	14 34	1 39	31 30	16 24	14 27	14 3	5 40		n.a.
T 19	23 2	2s35	4 13	16 31	1 10	16 26	3 53	15 48	0 29	22 21	0 13	23 12	0 19	23 13	0 34	14 34	1 39	31 31	16 24	14 27	14 4	5 42		n.a.
W20	22 56	7 17	4 50	16 4	1 20	16 41	3 50	16 0	0 28	22 21	0 13	23 12	0 19	23 13	0 34	14 34	1 39	31 31	16 24	14 27	14 5	5 44		n.a.
T 21	22 49	11 36	5 9	15 36	1 30	16 55	3 46	16 12	0 27	22 20	0 13	23 13	0 19	23 12	0 34	14 34	1 39	31 32	16 25	14 28	14 6	5 47		n.a.
F 22	22 42	15 15	5 9	15 9	1 40	17 10	3 43	16 24	0 26	22 19	0 13	23 13	0 19	23 12	0 34	14 33	1 39	31 32	16 25	14 29	14 7	5 49		n.a.
S 23	22 34	17 59	4 50	14 43	1 50	17 24	3 39	16 35	0 26	22 19	0 13	23 14	0 19	23 11	0 34	14 33	1 39	31 33	16 25	14 31	14 8	5 51		n.a.
S 24	22 26	19 35	4 13	14 17	2 0	17 39	3 35	16 47	0 25	22 18	0 13	23 14	0 19	23 11	0 34	14 33	1 39	31 33	16 25	14 32	14 9	5 53		n.a.
M25	22 17	19 59	3 22	13 52	2 10	17 53	3 31	16 58	0 24	22 18	0 13	23 15	0 19	23 10	0 34	14 33	1 39	31 34	16 25	14 34	14 10	5 55		n.a.
T 26	22 8	19 11	2 20	13 28	2 21	18 7	3 28	17 9	0 23	22 17	0 13	23 15	0 18	23 10	0 34	14 33	1 39	31 34	16 26	14 35	14 11	5 57		n.a.
W27	21 59	17 20	1 11	13 5	2 31	18 21	3 24	17 20	0 22	22 17	0 14	23 16	0 18	23 9	0 34	14 33	1 39	31 35	16 26	14 35	14 12	5 59		n.a.
T 28	21 49	14 37	0 0	12 43	2 40	18 34	3 20	17 31	0 22	22 16	0 14	23 16	0 18	23 9	0 34	14 33	1 39	31 35	16 26	14 36	14 13	6 1		n.a.
F 29	21 39	11 15	1s 9	12 22	2 50	18 48	3 16	17 42	0 21	22 16	0 14	23 17	0 18	23 8	0 34	14 33	1 39	31 36	16 26	14 35	14 14	6 3		n.a.
S 30	21 29	7 29	2 13	12 3	3 0	19 1	3 11	17 53	0 20	22 16	0 14	23 17	0 18	23 8	0 34	14 33	1 38	31 36	16 26	14 35	14 15	6 5		n.a.
S 31	21n18	3s29	3s10	11n46	3s 9	19n14	3s 7	18n 3	0s19	22s15	0s14	23n18	0s18	23n 7	0n34	14s33	1n38	31s37	16s26	14n34	14n16	6n 7		n.a.

Julian Day Number = 1302297.5, Delta T = 07h49m14s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'54, Lahiri = -19°47'53 Julian Calendar 1 July 1148 BCE == Greg. Calendar 20 June 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

AUGUST 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 55 27	26♋57'13	10♈33	21♌22	11♊ 2	21♉50	8°R 5	22♊23	18♋22	13°R23	16°R46	21♌30	22♌20	26♈45	n.a.	M 1
T 2	19 59 24	27°55'36	22°26	21°39	12° 1	22°26	8♐ 3	22°30	18°26	13♏23	16♒45	21°31	22°17	26°52	n.a.	T 2
W 3	20 3 20	28°54'01	4♉19	21°52	13° 1	23° 1	8° 0	22°37	18°29	13°23	16°44	21°R31	22°14	26°59	n.a.	W 3
T 4	20 7 17	29°52'28	16°15	21°59	14° 2	23°37	7°58	22°43	18°33	13°23	16°43	21°30	22°11	27° 6	n.a.	T 4
F 5	20 11 14	0♌50'57	28°19	22°R 0	15° 3	24°13	7°56	22°50	18°37	13°23	16°42	21°28	22° 7	27°12	n.a.	F 5
S 6	20 15 10	1°49'29	10♊36	21°54	16° 4	24°48	7°54	22°57	18°41	13°D23	16°40	21°26	22° 4	27°19	n.a.	S 6
S 7	20 19 7	2°48'03	23° 8	21°42	17° 5	25°24	7°52	23° 3	18°44	13°23	16°39	21°23	22° 1	27°26	n.a.	S 7
M 8	20 23 3	3°46'39	5♋59	21°23	18° 7	25°59	7°51	23°10	18°48	13°23	16°38	21°20	21°58	27°32	n.a.	M 8
T 9	20 27 0	4°45'18	19° 7	20°57	19° 9	26°34	7°49	23°16	18°52	13°23	16°37	21°18	21°55	27°39	n.a.	T 9
W10	20 30 56	5°43'58	2♌34	20°25	20°12	27° 9	7°48	23°23	18°55	13°23	16°36	21°16	21°52	27°46	n.a.	W10
T 11	20 34 53	6°42'41	16°18	19°45	21°15	27°44	7°47	23°29	18°59	13°23	16°35	21°D16	21°48	27°52	n.a.	T 11
F 12	20 38 49	7°41'26	0♍16	19° 0	22°18	28°18	7°47	23°36	19° 3	13°23	16°33	21°16	21°45	27°59	n.a.	F 12
S 13	20 42 46	8°40'13	14°24	18° 8	23°21	28°53	7°46	23°42	19° 6	13°24	16°32	21°16	21°42	28° 6	n.a.	S 13
S 14	20 46 43	9°39'01	28°39	17°11	24°25	29°27	7°46	23°48	19°10	13°24	16°31	21°17	21°39	28°13	n.a.	S 14
M15	20 50 39	10°37'52	12♎56	16°10	25°29	0♊ 2	7°D46	23°54	19°13	13°24	16°30	21°18	21°36	28°19	n.a.	M15
T 16	20 54 36	11°36'44	27°14	15° 6	26°34	0°36	7°46	24° 0	19°17	13°24	16°29	21°19	21°33	28°26	n.a.	T 16
W17	20 58 32	12°35'39	11♏28	14° 0	27°38	1°10	7°46	24° 6	19°20	13°25	16°27	21°R19	21°29	28°33	n.a.	W17
T 18	21 2 29	13°34'35	25°37	12°54	28°43	1°44	7°47	24°12	19°24	13°25	16°26	21°19	21°26	28°39	n.a.	T 18
F 19	21 6 25	14°33'33	9♐37	11°50	29°48	2°17	7°47	24°18	19°28	13°26	16°25	21°18	21°23	28°46	n.a.	F 19
S 20	21 10 22	15°32'33	23°29	10°49	0♋53	2°51	7°48	24°24	19°31	13°26	16°24	21°18	21°20	28°53	n.a.	S 20
S 21	21 14 18	16°31'35	7♑ 9	9°53	1°59	3°24	7°49	24°30	19°34	13°26	16°23	21°17	21°17	29° 0	n.a.	S 21
M22	21 18 15	17°30'39	20°36	9° 3	3° 5	3°58	7°50	24°35	19°38	13°27	16°21	21°17	21°13	29° 6	n.a.	M22
T 23	21 22 11	18°29'45	3♒50	8°21	4°11	4°31	7°52	24°41	19°41	13°28	16°20	21°16	21°10	29°13	n.a.	T 23
W24	21 26 8	19°28'53	16°50	7°48	5°17	5° 4	7°53	24°47	19°45	13°28	16°19	21°D16	21° 7	29°20	n.a.	W24
T 25	21 30 5	20°28'03	29°35	7°25	6°24	5°36	7°55	24°52	19°48	13°29	16°18	21°16	21° 4	29°26	n.a.	T 25
F 26	21 34 1	21°27'15	12♓ 6	7°11	7°31	6° 9	7°57	24°58	19°52	13°29	16°16	21°R16	21° 1	29°33	n.a.	F 26
S 27	21 37 58	22°26'30	24°24	7°D 9	8°38	6°41	7°59	25° 3	19°55	13°30	16°15	21°16	20°58	29°40	n.a.	S 27
S 28	21 41 54	23°25'47	6♈30	7°16	9°45	7°14	8° 2	25° 8	19°58	13°31	16°14	21°16	20°54	29°47	n.a.	S 28
M29	21 45 51	24°25'06	18°28	7°35	10°52	7°46	8° 4	25°13	20° 1	13°31	16°13	21°16	20°51	29°53	n.a.	M29
T 30	21 49 47	25°24'28	0♉21	8° 3	12° 0	8°18	8° 7	25°19	20° 5	13°32	16°12	21°15	20°48	0♉ 0	n.a.	T 30
W31	21 53 44	26♌23'52	12♉13	8♌40	13♋ 8	8♊50	8♐10	25♊24	20♋ 8	13♏33	16♒11	21♌15	20♌45	0♉ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n 6	0n36	3s58	11n30	3s18	19n27	3s 3	18n13	0s18	22s15	0s14	23n18	0s18	23n 7	0n34	14s33	1n38	31s37	16s27	14n34	14n18	6n 9			n.a.
T 2	20 55	4 37	4 35	11 16	3 26	19 39	2 59	18 24	0 17	22 15	0 14	23 19	0 18	23 6	0 34	14 33	1 38	31 38	16 27	14 34	14 19	6 11			n.a.
W 3	20 43	8 27	5 1	11 5	3 34	19 51	2 54	18 34	0 17	22 14	0 14	23 19	0 18	23 6	0 34	14 33	1 38	31 38	16 27	14 34	14 20	6 13			n.a.
T 4	20 30	11 58	5 14	10 56	3 41	20 3	2 50	18 44	0 16	22 14	0 15	23 20	0 18	23 5	0 34	14 33	1 38	31 39	16 27	14 34	14 21	6 16			n.a.
F 5	20 18	15 2	5 13	10 49	3 48	20 14	2 45	18 53	0 15	22 14	0 15	23 20	0 18	23 5	0 34	14 33	1 38	31 39	16 27	14 35	14 22	6 18			n.a.
S 6	20 5	17 29	4 58	10 45	3 53	20 25	2 41	19 3	0 14	22 14	0 15	23 21	0 18	23 4	0 34	14 33	1 38	31 40	16 27	14 35	14 23	6 20			n.a.
S 7	19 51	19 11	4 28	10 45	3 58	20 36	2 37	19 13	0 13	22 13	0 15	23 21	0 18	23 4	0 34	14 33	1 38	31 40	16 27	14 36	14 24	6 22			n.a.
M 8	19 37	19 57	3 45	10 48	4 2	20 46	2 32	19 22	0 12	22 13	0 15	23 22	0 17	23 3	0 34	14 33	1 38	31 41	16 27	14 37	14 25	6 24			n.a.
T 9	19 23	19 40	2 48	10 54	4 4	20 56	2 27	19 31	0 11	22 13	0 15	23 22	0 17	23 3	0 34	14 33	1 38	31 41	16 27	14 38	14 26	6 26			n.a.
W10	19 9	18 16	1 41	11 3	4 5	21 5	2 23	19 40	0 10	22 13	0 15	23 22	0 17	23 2	0 34	14 34	1 38	31 42	16 28	14 38	14 27	6 28			n.a.
T 11	18 54	15 46	0 27	11 16	4 4	21 14	2 18	19 49	0 9	22 13	0 15	23 23	0 17	23 2	0 34	14 34	1 38	31 42	16 28	14 39	14 28	6 30			n.a.
F 12	18 39	12 20	0n50	11 33	4 2	21 23	2 14	19 58	0 9	22 13	0 15	23 23	0 17	23 1	0 34	14 34	1 38	31 43	16 28	14 39	14 29	6 32			n.a.
S 13	18 23	8 9	2 5	11 53	3 57	21 31	2 9	20 7	0 8	22 13	0 15	23 23	0 17	23 1	0 34	14 34	1 38	31 43	16 28	14 38	14 30	6 34			n.a.
S 14	18 7	3 29	3 13	12 16	3 51	21 38	2 4	20 15	0 7	22 13	0 16	23 24	0 17	23 0	0 34	14 34	1 38	31 44	16 28	14 38	14 31	6 36			n.a.
M15	17 51	1s23	4 9	12 42	3 43	21 46	2 0	20 24	0 6	22 13	0 16	23 24	0 17	23 0	0 34	14 34	1 38	31 44	16 28	14 38	14 32	6 38			n.a.
T 16	17 35	6 10	4 49	13 11	3 33	21 52	1 55	20 32	0 5	22 13	0 16	23 25	0 17	22 59	0 34	14 34	1 37	31 45	16 28	14 38	14 33	6 40			n.a.
W17	17 18	10 34	5 12	13 42	3 20	21 58	1 50	20 40	0 4	22 13	0 16	23 25	0 17	22 59	0 34	14 34	1 37	31 45	16 28	14 38	14 34	6 42			n.a.
T 18	17 1	14 22	5 16	14 15	3 6	22 4	1 46	20 48	0 3	22 14	0 16	23 25	0 17	22 58	0 34	14 35	1 37	31 45	16 28	14 38	14 35	6 45			n.a.
F 19	16 44	17 18	5 1	14 48	2 50	22 9	1 41	20 56	0 2	22 14	0 16	23 26	0 17	22 58	0 34	14 35	1 37	31 46	16 28	14 38	14 36	6 47			n.a.
S 20	16 26	19 12	4 28	15 21	2 33	22 13	1 36	21 3	0 1	22 14	0 16	23 26	0 17	22 57	0 34	14 35	1 37	31 46	16 28	14 38	14 37	6 49			n.a.
S 21	16 8	19 57	3 41	15 54	2 15	22 17	1 32	21 11	0n 0	22 14	0 16	23 26	0 17	22 57	0 35	14 35	1 37	31 47	16 28	14 38	14 38	6 51			n.a.
M22	15 50	19 33	2 42	16 26	1 55	22 21	1 27	21 18	0 1	22 15	0 16	23 27	0 16	22 56	0 35	14 35	1 37	31 47	16 28	14 38	14 39	6 53			n.a.
T 23	15 32	18 4	1 35	16 56	1 36	22 24	1 22	21 26	0 2	22 15	0 16	23 27	0 16	22 56	0 35	14 36	1 37	31 47	16 28	14 38	14 40	6 55			n.a.
W24	15 13	15 39	0 25	17 24	1 16	22 26	1 18	21 33	0 3	22 15	0 17	23 27	0 16	22 55	0 35	14 36	1 37	31 48	16 28	14 38	14 41	6 57			n.a.
T 25	14 54	12 31	0s46	17 49	0 56	22 27	1 13	21 40	0 4	22 16	0 17	23 27	0 16	22 55	0 35	14 36	1 37	31 48	16 28	14 38	14 42	6 59			n.a.
F 26	14 35	8 52	1 53	18 11	0 37	22 29	1 8	21 47	0 5	22 16	0 17	23 28	0 16	22 54	0 35	14 36	1 37	31 49	16 28	14 38	14 44	7 1			n.a.
S 27	14 15	4 55	2 54	18 29	0 19	22 29	1 4	21 53	0 7	22 16	0 17	23 28	0 16	22 54	0 35	14 37	1 37	31 49	16 28	14 38	14 45	7 3			n.a.
S 28	13 56	0 49	3 45	18 44	0 1	22 29	0 59	22 0	0 8	22 17	0 17	23 28	0 16	22 53	0 35	14 37	1 37	31 49	16 28	14 39	14 46	7 5			n.a.
M29	13 36	3n15	4 27	18 55	0n16	22 28	0 55	22 6	0 9	22 17	0 17	23 29	0 16	22 53	0 35	14 37	1 37	31 50	16 28	14 39	14 47	7 7			n.a.
T 30	13 16	7 10	4 56	19 3	0 31	22 27	0 50	22 13	0 10	22 18	0 17	23 29	0 16	22 52	0 35	14 37	1 37	31 50	16 28	14 39	14 48	7 9			n.a.
W31	12n55	10n47	5s13	19n 7	0n45	22n25	0s46	22n19	0n11	22s19	0s17	23n29	0s16	22n52	0n35	14s38	1n37	31s50	16s28	14n39	14n49	7n11			n.a.

Julian Day Number = 1302328.5, Delta T = 07h49m12s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'49, Lahiri = -19°47'49 Julian Calendar 1 Aug. 1148 BCE == Greg. Calendar 21 July 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

SEPTEMBER 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 40	27♌23'18	24♉ 8	9♌27	14♋16	9♊21	8♐13	25♊29	20♋11	13♏34	16°R 9	21°D15	20♌42	0♉13	n.a.	T 1
F 2	22 1 37	28°22'47	6♊11	10°21	15°24	9°53	8°17	25°33	20°14	13°35	16♒ 8	21♌15	20°38	0°20	n.a.	F 2
S 3	22 5 33	29°22'19	18°26	11°23	16°33	10°24	8°20	25°38	20°17	13°36	16° 7	21°15	20°35	0°27	n.a.	S 3
S 4	22 9 30	0♍21'53	0♋58	12°32	17°41	10°55	8°24	25°43	20°21	13°37	16° 6	21°16	20°32	0°34	n.a.	S 4
M 5	22 13 27	1°21'30	13°51	13°46	18°50	11°26	8°28	25°48	20°24	13°37	16° 5	21°17	20°29	0°40	n.a.	M 5
T 6	22 17 23	2°21'08	27° 6	15° 5	19°59	11°56	8°32	25°52	20°27	13°38	16° 3	21°18	20°26	0°47	n.a.	T 6
W 7	22 21 20	3°20'50	10♌45	16°29	21° 8	12°27	8°36	25°57	20°30	13°39	16° 2	21°18	20°23	0°54	n.a.	W 7
T 8	22 25 16	4°20'33	24°47	17°56	22°18	12°57	8°40	26° 1	20°33	13°41	16° 1	21°R19	20°19	1° 0	n.a.	T 8
F 9	22 29 13	5°20'18	9♍ 9	19°26	23°27	13°27	8°45	26° 5	20°36	13°42	16° 0	21°18	20°16	1° 7	n.a.	F 9
S 10	22 33 9	6°20'06	23°45	20°59	24°37	13°57	8°50	26°10	20°39	13°43	15°59	21°17	20°13	1°14	n.a.	S 10
S 11	22 37 6	7°19'56	8♎28	22°35	25°46	14°26	8°55	26°14	20°41	13°44	15°58	21°15	20°10	1°21	n.a.	S 11
M12	22 41 2	8°19'47	23°13	24°11	26°56	14°56	9° 0	26°18	20°44	13°45	15°57	21°13	20° 7	1°27	n.a.	M12
T 13	22 44 59	9°19'41	7♏51	25°50	28° 6	15°25	9° 5	26°22	20°47	13°46	15°56	21°11	20° 4	1°34	n.a.	T 13
W14	22 48 55	10°19'36	22°17	27°29	29°17	15°54	9°11	26°26	20°50	13°47	15°55	21° 9	20° 0	1°41	n.a.	W14
T 15	22 52 52	11°19'33	6♐28	29° 9	0♌27	16°23	9°16	26°29	20°53	13°49	15°53	21°D 8	19°57	1°47	n.a.	T 15
F 16	22 56 49	12°19'32	20°22	0♍50	1°38	16°51	9°22	26°33	20°55	13°50	15°52	21° 8	19°54	1°54	n.a.	F 16
S 17	23 0 45	13°19'33	3♑58	2°30	2°48	17°19	9°28	26°36	20°58	13°51	15°51	21° 9	19°51	2° 1	n.a.	S 17
S 18	23 4 42	14°19'35	17°18	4°12	3°59	17°47	9°34	26°40	21° 1	13°53	15°50	21°11	19°48	2° 8	n.a.	S 18
M19	23 8 38	15°19'40	0♒23	5°53	5°10	18°15	9°41	26°43	21° 3	13°54	15°49	21°12	19°44	2°14	n.a.	M19
T 20	23 12 35	16°19'46	13°13	7°34	6°21	18°42	9°47	26°47	21° 6	13°55	15°48	21°13	19°41	2°21	n.a.	T 20
W21	23 16 31	17°19'54	25°51	9°15	7°32	19° 9	9°54	26°50	21° 8	13°57	15°47	21°R14	19°38	2°28	n.a.	W21
T 22	23 20 28	18°20'03	8♓19	10°56	8°43	19°36	10° 1	26°53	21°11	13°58	15°46	21°12	19°35	2°35	n.a.	T 22
F 23	23 24 24	19°20'15	20°36	12°36	9°55	20° 3	10° 8	26°56	21°13	14° 0	15°45	21°10	19°32	2°41	n.a.	F 23
S 24	23 28 21	20°20'28	2♈45	14°17	11° 6	20°29	10°15	26°59	21°15	14° 1	15°44	21° 6	19°29	2°48	n.a.	S 24
S 25	23 32 18	21°20'44	14°46	15°56	12°18	20°56	10°22	27° 1	21°18	14° 3	15°43	21° 0	19°25	2°55	n.a.	S 25
M26	23 36 14	22°21'01	26°42	17°36	13°30	21°21	10°29	27° 4	21°20	14° 4	15°42	20°55	19°22	3° 1	n.a.	M26
T 27	23 40 11	23°21'21	8♉34	19°15	14°42	21°47	10°37	27° 7	21°22	14° 6	15°41	20°49	19°19	3° 8	n.a.	T 27
W28	23 44 7	24°21'42	20°25	20°54	15°54	22°12	10°45	27° 9	21°25	14° 7	15°41	20°44	19°16	3°15	n.a.	W28
T 29	23 48 4	25°22'06	2♊18	22°32	17° 6	22°37	10°52	27°12	21°27	14° 9	15°40	20°40	19°13	3°22	n.a.	T 29
F 30	23 52 0	26♍22'32	14♊19	24♍10	18♌18	23♊ 2	11♐ 0	27♊14	21♋29	14♏11	15♒39	20♌37	19♌ 9	3♉28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n35	14n 0	5s17	19n 6	0n58	22n22	0s41	22n25	0n12	22s19	0s17	23n29	0s16	22n51	0n35	14s38	1n36	31s51	16s28	14n39	14n50	7n13		n.a.
F 2	12 14	16 40	5 6	19 2	1 9	22 19	0 37	22 31	0 13	22 20	0 17	23 30	0 16	22 51	0 35	14 38	1 36	31 51	16 28	14 39	14 51	7 16		n.a.
S 3	11 53	18 38	4 42	18 55	1 19	22 15	0 32	22 36	0 14	22 20	0 17	23 30	0 16	22 51	0 35	14 39	1 36	31 51	16 28	14 39	14 52	7 18		n.a.
S 4	11 31	19 45	4 4	18 44	1 28	22 10	0 28	22 42	0 15	22 21	0 17	23 30	0 16	22 50	0 35	14 39	1 36	31 52	16 28	14 39	14 53	7 20		n.a.
M 5	11 10	19 54	3 13	18 30	1 36	22 5	0 24	22 48	0 17	22 22	0 18	23 30	0 15	22 50	0 35	14 39	1 36	31 52	16 28	14 38	14 54	7 22		n.a.
T 6	10 48	18 57	2 10	18 12	1 42	22 0	0 20	22 53	0 18	22 23	0 18	23 30	0 15	22 49	0 35	14 40	1 36	31 52	16 27	14 38	14 55	7 24		n.a.
W 7	10 26	16 53	0 58	17 52	1 48	21 53	0 15	22 58	0 19	22 23	0 18	23 31	0 15	22 49	0 35	14 40	1 36	31 53	16 27	14 38	14 56	7 26		n.a.
T 8	10 4	13 46	0n19	17 28	1 52	21 46	0 11	23 3	0 20	22 24	0 18	23 31	0 15	22 48	0 35	14 41	1 36	31 53	16 27	14 38	14 57	7 28		n.a.
F 9	9 42	9 46	1 37	17 3	1 55	21 38	0 7	23 8	0 22	22 25	0 18	23 31	0 15	22 48	0 35	14 41	1 36	31 53	16 27	14 38	14 58	7 30		n.a.
S 10	9 20	5 7	2 50	16 35	1 57	21 30	0 3	23 13	0 23	22 26	0 18	23 31	0 15	22 47	0 35	14 41	1 36	31 53	16 27	14 38	14 59	7 32		n.a.
S 11	8 57	0 8	3 52	16 5	1 58	21 21	0n 1	23 18	0 24	22 27	0 18	23 31	0 15	22 47	0 35	14 42	1 36	31 54	16 27	14 39	15 0	7 34		n.a.
M12	8 35	4s51	4 39	15 32	1 59	21 12	0 5	23 23	0 25	22 27	0 18	23 32	0 15	22 47	0 35	14 42	1 36	31 54	16 27	14 40	15 1	7 36		n.a.
T 13	8 12	9 31	5 7	14 59	1 59	21 1	0 9	23 27	0 27	22 28	0 18	23 32	0 15	22 46	0 35	14 43	1 36	31 54	16 27	14 40	15 2	7 38		n.a.
W14	7 49	13 34	5 15	14 23	1 58	20 51	0 13	23 32	0 28	22 29	0 18	23 32	0 15	22 46	0 35	14 43	1 36	31 54	16 27	14 41	15 3	7 40		n.a.
T 15	7 26	16 45	5 4	13 46	1 56	20 39	0 17	23 36	0 29	22 30	0 18	23 32	0 15	22 45	0 35	14 43	1 36	31 55	16 26	14 41	15 4	7 42		n.a.
F 16	7 3	18 54	4 35	13 8	1 54	20 27	0 20	23 40	0 30	22 31	0 18	23 32	0 15	22 45	0 35	14 44	1 36	31 55	16 26	14 41	15 5	7 44		n.a.
S 17	6 39	19 55	3 52	12 29	1 52	20 14	0 24	23 44	0 32	22 32	0 19	23 32	0 15	22 45	0 35	14 44	1 36	31 55	16 26	14 41	15 6	7 46		n.a.
S 18	6 16	19 47	2 56	11 49	1 49	20 1	0 27	23 48	0 33	22 33	0 19	23 33	0 15	22 44	0 35	14 45	1 35	31 55	16 26	14 40	15 7	7 49		n.a.
M19	5 52	18 34	1 52	11 8	1 45	19 47	0 31	23 52	0 34	22 34	0 19	23 33	0 14	22 44	0 35	14 45	1 35	31 55	16 26	14 40	15 8	7 51		n.a.
T 20	5 29	16 25	0 44	10 26	1 41	19 33	0 34	23 56	0 36	22 35	0 19	23 33	0 14	22 44	0 35	14 46	1 35	31 56	16 26	14 39	15 9	7 53		n.a.
W21	5 5	13 30	0s25	9 44	1 37	19 18	0 38	24 0	0 37	22 36	0 19	23 33	0 14	22 43	0 35	14 46	1 35	31 56	16 25	14 39	15 10	7 55		n.a.
T 22	4 41	10 1	1 32	9 1	1 33	19 2	0 41	24 3	0 39	22 37	0 19	23 33	0 14	22 43	0 35	14 47	1 35	31 56	16 25	14 40	15 11	7 57		n.a.
F 23	4 17	6 8	2 34	8 17	1 28	18 46	0 44	24 7	0 40	22 39	0 19	23 33	0 14	22 42	0 35	14 47	1 35	31 56	16 25	14 41	15 12	7 59		n.a.
S 24	3 53	2 4	3 28	7 33	1 23	18 29	0 48	24 10	0 42	22 40	0 19	23 34	0 14	22 42	0 35	14 48	1 35	31 56	16 25	14 42	15 13	8 1		n.a.
S 25	3 29	2n 3	4 12	6 49	1 17	18 12	0 51	24 14	0 43	22 41	0 19	23 34	0 14	22 42	0 36	14 48	1 35	31 56	16 25	14 44	15 14	8 3		n.a.
M26	3 5	6 3	4 44	6 5	1 12	17 54	0 54	24 17	0 44	22 42	0 19	23 34	0 14	22 41	0 36	14 49	1 35	31 56	16 24	14 46	15 15	8 5		n.a.
T 27	2 41	9 47	5 4	5 20	1 6	17 36	0 57	24 20	0 46	22 43	0 19	23 34	0 14	22 41	0 36	14 49	1 35	31 56	16 24	14 47	15 16	8 7		n.a.
W28	2 16	13 8	5 11	4 35	1 0	17 17	1 0	24 23	0 48	22 44	0 19	23 34	0 14	22 41	0 36	14 50	1 35	31 57	16 24	14 49	15 17	8 9		n.a.
T 29	1 52	15 59	5 5	3 50	0 54	16 57	1 2	24 26	0 49	22 46	0 19	23 34	0 14	22 41	0 36	14 50	1 35	31 57	16 24	14 50	15 18	8 11		n.a.
F 30	1n28	18n10	4s45	3n 5	0n48	16n37	1n 5	24n29	0n51	22s47	0s19	23n34	0s14	22n40	0n36	14s51	1n35	31s57	16s24	14n51	15n19	8n13		n.a.

Julian Day Number = 1302359.5, Delta T = 07h49m10s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'45, Lahiri = -19°47'45 Julian Calendar 1 Sept. 1148 BCE == Greg. Calendar 21 Aug. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

OCTOBER 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 57	27♍23'00	26♊30	25♍48	19♌30	23♊26	11♐ 9	27♊16	21♋31	14♏12	15°R38	20°D36	19♌ 6	3♉35	n.a.	S 1
S 2	23 59 53	28°23'30	8♋57	27°25	20°43	23°50	11°17	27°18	21°33	14°14	15♒37	20♌37	19° 3	3°42	n.a.	S 2
M 3	0 3 50	29°24'02	21°44	29° 2	21°55	24°14	11°25	27°20	21°35	14°16	15°36	20°38	19° 0	3°48	n.a.	M 3
T 4	0 7 46	0♎24'36	4♌55	0♎39	23° 8	24°37	11°34	27°22	21°37	14°18	15°35	20°40	18°57	3°55	n.a.	T 4
W 5	0 11 43	1°25'12	18°34	2°15	24°21	25° 0	11°43	27°23	21°39	14°19	15°35	20°R41	18°54	4° 2	n.a.	W 5
T 6	0 15 40	2°25'50	2♍41	3°51	25°33	25°22	11°51	27°25	21°40	14°21	15°34	20°40	18°50	4° 9	n.a.	T 6
F 7	0 19 36	3°26'29	17°14	5°26	26°46	25°45	12° 0	27°27	21°42	14°23	15°33	20°37	18°47	4°15	n.a.	F 7
S 8	0 23 33	4°27'11	2♎ 7	7° 2	27°59	26° 6	12° 9	27°28	21°44	14°25	15°32	20°33	18°44	4°22	n.a.	S 8
S 9	0 27 29	5°27'53	17°14	8°37	29°12	26°28	12°19	27°29	21°46	14°27	15°32	20°26	18°41	4°29	n.a.	S 9
M10	0 31 26	6°28'38	2♏24	10°11	0♍26	26°49	12°28	27°30	21°47	14°29	15°31	20°19	18°38	4°35	n.a.	M10
T 11	0 35 22	7°29'24	17°27	11°46	1°39	27°10	12°38	27°31	21°49	14°30	15°30	20°12	18°35	4°42	n.a.	T 11
W12	0 39 19	8°30'11	2♐14	13°20	2°52	27°30	12°47	27°32	21°50	14°32	15°30	20° 6	18°31	4°49	n.a.	W12
T 13	0 43 15	9°31'00	16°39	14°54	4° 5	27°50	12°57	27°33	21°52	14°34	15°29	20° 1	18°28	4°56	n.a.	T 13
F 14	0 47 12	10°31'49	0♑38	16°28	5°19	28° 9	13° 7	27°34	21°53	14°36	15°28	19°59	18°25	5° 2	n.a.	F 14
S 15	0 51 9	11°32'40	14°13	18° 1	6°32	28°28	13°17	27°34	21°54	14°38	15°28	19°D58	18°22	5° 9	n.a.	S 15
S 16	0 55 5	12°33'32	27°24	19°35	7°46	28°47	13°27	27°35	21°56	14°40	15°27	19°59	18°19	5°16	n.a.	S 16
M17	0 59 2	13°34'25	10♒16	21° 8	8°59	29° 5	13°37	27°35	21°57	14°42	15°27	20° 0	18°15	5°22	n.a.	M17
T 18	1 2 58	14°35'19	22°51	22°41	10°13	29°23	13°47	27°36	21°58	14°44	15°26	20°R 1	18°12	5°29	n.a.	T 18
W19	1 6 55	15°36'14	5♓13	24°14	11°27	29°40	13°58	27°36	21°59	14°46	15°26	19°59	18° 9	5°36	n.a.	W19
T 20	1 10 51	16°37'10	17°25	25°47	12°41	29°56	14° 8	27°R36	22° 0	14°48	15°25	19°56	18° 6	5°43	n.a.	T 20
F 21	1 14 48	17°38'07	29°30	27°19	13°55	0♋13	14°19	27°36	22° 1	14°50	15°25	19°49	18° 3	5°49	n.a.	F 21
S 22	1 18 44	18°39'06	11♈30	28°52	15° 8	0°28	14°30	27°35	22° 2	14°52	15°24	19°40	18° 0	5°56	n.a.	S 22
S 23	1 22 41	19°40'05	23°25	0♏24	16°22	0°44	14°40	27°35	22° 3	14°54	15°24	19°29	17°56	6° 3	n.a.	S 23
M24	1 26 38	20°41'06	5♉19	1°56	17°36	0°58	14°51	27°35	22° 4	14°57	15°23	19°17	17°53	6°10	n.a.	M24
T 25	1 30 34	21°42'08	17°11	3°28	18°51	1°13	15° 3	27°34	22° 5	14°59	15°23	19° 4	17°50	6°16	n.a.	T 25
W26	1 34 31	22°43'11	29° 3	5° 0	20° 5	1°26	15°14	27°33	22° 6	15° 1	15°23	18°52	17°47	6°23	n.a.	W26
T 27	1 38 27	23°44'15	10♊58	6°32	21°19	1°39	15°25	27°33	22° 6	15° 3	15°22	18°42	17°44	6°30	n.a.	T 27
F 28	1 42 24	24°45'20	22°59	8° 4	22°33	1°52	15°36	27°32	22° 7	15° 5	15°22	18°35	17°40	6°36	n.a.	F 28
S 29	1 46 20	25°46'27	5♋ 8	9°35	23°47	2° 4	15°48	27°31	22° 8	15° 7	15°22	18°30	17°37	6°43	n.a.	S 29
S 30	1 50 17	26°47'35	17°31	11° 6	25° 2	2°15	15°59	27°30	22° 8	15° 9	15°21	18°28	17°34	6°50	n.a.	S 30
M31	1 54 13	27♎48'44	0♌11	12♏36	26♍16	2♋26	16♐11	27♊29	22♋ 9	15♏12	15♒21	18°D28	17♌31	6♉57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n 3	19n34	4s13	2n20	0n42	16n17	1n 8	24n32	0n52	22s48	0s20	23n34	0s14	22n40	0n36	14s51	1n35	31s57	16s23	14n51	15n20	8n15		n.a.
S 2	0 39	20 4	3 27	1 35	0 36	15 56	1 10	24 35	0 54	22 49	0 20	23 35	0 14	22 40	0 36	14 52	1 35	31 57	16 23	14 51	15 21	8 17		n.a.
M 3	0 15	19 34	2 31	0 50	0 29	15 34	1 13	24 37	0 55	22 51	0 20	23 35	0 13	22 39	0 36	14 52	1 35	31 57	16 23	14 51	15 22	8 19		n.a.
T 4	0s10	17 59	1 25	0 5	0 23	15 12	1 15	24 40	0 57	22 52	0 20	23 35	0 13	22 39	0 36	14 53	1 35	31 57	16 23	14 50	15 23	8 21		n.a.
W 5	0 34	15 20	0 11	0s40	0 16	14 50	1 17	24 43	0 59	22 53	0 20	23 35	0 13	22 39	0 36	14 54	1 35	31 57	16 22	14 50	15 24	8 23		n.a.
T 6	0 59	11 41	1n 5	1 24	0 10	14 27	1 20	24 45	1 0	22 54	0 20	23 35	0 13	22 39	0 36	14 54	1 35	31 57	16 22	14 50	15 25	8 26		n.a.
F 7	1 23	7 15	2 19	2 9	0 3	14 4	1 22	24 48	1 2	22 56	0 20	23 35	0 13	22 38	0 36	14 55	1 35	31 57	16 22	14 51	15 26	8 28		n.a.
S 8	1 48	2 16	3 25	2 53	0s 3	13 40	1 24	24 50	1 4	22 57	0 20	23 35	0 13	22 38	0 36	14 55	1 35	31 57	16 22	14 53	15 27	8 30		n.a.
S 9	2 12	2s55	4 18	3 37	0 10	13 16	1 26	24 52	1 5	22 58	0 20	23 35	0 13	22 38	0 36	14 56	1 34	31 57	16 21	14 55	15 28	8 32		n.a.
M10	2 37	7 55	4 53	4 21	0 16	12 52	1 28	24 55	1 7	23 0	0 20	23 35	0 13	22 38	0 36	14 56	1 34	31 57	16 21	14 57	15 29	8 34		n.a.
T 11	3 1	12 24	5 7	5 4	0 23	12 27	1 30	24 57	1 9	23 1	0 20	23 36	0 13	22 37	0 36	14 57	1 34	31 57	16 21	14 59	15 30	8 36		n.a.
W12	3 25	16 2	5 1	5 47	0 29	12 2	1 31	24 59	1 11	23 2	0 20	23 36	0 13	22 37	0 36	14 58	1 34	31 57	16 20	15 1	15 31	8 38		n.a.
T 13	3 50	18 35	4 35	6 30	0 35	11 36	1 33	25 1	1 13	23 3	0 20	23 36	0 13	22 37	0 36	14 58	1 34	31 57	16 20	15 3	15 32	8 40		n.a.
F 14	4 14	19 56	3 54	7 13	0 42	11 10	1 34	25 3	1 14	23 5	0 20	23 36	0 13	22 37	0 36	14 59	1 34	31 57	16 20	15 3	15 33	8 42		n.a.
S 15	4 38	20 4	3 0	7 55	0 48	10 44	1 36	25 6	1 16	23 6	0 20	23 36	0 13	22 37	0 36	14 59	1 34	31 57	16 20	15 4	15 34	8 44		n.a.
S 16	5 2	19 5	1 59	8 37	0 54	10 18	1 37	25 8	1 18	23 7	0 21	23 36	0 12	22 36	0 36	15 0	1 34	31 56	16 19	15 3	15 35	8 46		n.a.
M17	5 26	17 7	0 52	9 18	1 0	9 51	1 38	25 10	1 20	23 9	0 21	23 36	0 12	22 36	0 36	15 1	1 34	31 56	16 19	15 3	15 36	8 48		n.a.
T 18	5 50	14 22	0s15	9 59	1 6	9 24	1 40	25 12	1 22	23 10	0 21	23 36	0 12	22 36	0 36	15 1	1 34	31 56	16 19	15 3	15 37	8 50		n.a.
W19	6 14	11 0	1 21	10 39	1 12	8 56	1 41	25 14	1 24	23 12	0 21	23 36	0 12	22 36	0 36	15 2	1 34	31 56	16 18	15 3	15 38	8 52		n.a.
T 20	6 38	7 13	2 21	11 19	1 18	8 28	1 42	25 16	1 26	23 13	0 21	23 36	0 12	22 36	0 36	15 3	1 34	31 56	16 18	15 5	15 39	8 54		n.a.
F 21	7 2	3 10	3 15	11 58	1 23	8 0	1 43	25 18	1 28	23 14	0 21	23 36	0 12	22 36	0 37	15 3	1 34	31 56	16 18	15 7	15 40	8 56		n.a.
S 22	7 25	0n58	3 59	12 37	1 28	7 32	1 44	25 20	1 30	23 16	0 21	23 36	0 12	22 36	0 37	15 4	1 34	31 56	16 17	15 10	15 41	8 58		n.a.
S 23	7 49	5 2	4 32	13 15	1 34	7 3	1 44	25 22	1 32	23 17	0 21	23 37	0 12	22 36	0 37	15 5	1 34	31 56	16 17	15 13	15 42	9 0		n.a.
M24	8 12	8 53	4 54	13 53	1 39	6 35	1 45	25 24	1 34	23 18	0 21	23 37	0 12	22 35	0 37	15 5	1 34	31 55	16 17	15 17	15 43	9 2		n.a.
T 25	8 36	12 24	5 2	14 30	1 43	6 6	1 45	25 26	1 36	23 20	0 21	23 37	0 12	22 35	0 37	15 6	1 34	31 55	16 16	15 21	15 44	9 4		n.a.
W26	8 59	15 26	4 58	15 6	1 48	5 37	1 46	25 28	1 38	23 21	0 21	23 37	0 12	22 35	0 37	15 7	1 34	31 55	16 16	15 25	15 45	9 6		n.a.
T 27	9 22	17 50	4 40	15 41	1 52	5 7	1 46	25 30	1 41	23 22	0 21	23 37	0 12	22 35	0 37	15 7	1 34	31 55	16 16	15 28	15 46	9 9		n.a.
F 28	9 44	19 28	4 10	16 15	1 56	4 38	1 47	25 32	1 43	23 23	0 21	23 37	0 11	22 35	0 37	15 8	1 34	31 55	16 15	15 30	15 47	9 11		n.a.
S 29	10 7	20 15	3 29	16 49	2 0	4 8	1 47	25 34	1 45	23 25	0 21	23 37	0 11	22 35	0 37	15 9	1 34	31 54	16 15	15 32	15 48	9 13		n.a.
S 30	10 30	20 4	2 37	17 21	2 4	3 38	1 47	25 36	1 47	23 26	0 22	23 37	0 11	22 35	0 37	15 9	1 34	31 54	16 15	15 32	15 49	9 15		n.a.
M31	10s52	18n53	1s36	17s53	2s 7	3n 8	1n47	25n38	1n49	23s27	0s22	23n37	0s11	22n35	0n37	15s10	1n34	31s54	16s14	15n32	15n50	9n17		n.a.

Julian Day Number = 1302389.5, Delta T = 07h49m09s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'41, Lahiri = -19°47'41 Julian Calendar 1 Oct. 1148 BCE == Greg. Calendar 20 Sept. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

NOVEMBER 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 10	28♎49'54	13♌14	14♏ 7	27♍30	2♋36	16♐23	27°R27	22♋ 9	15♏14	15°R21	18°R28	17♌28	7♉ 3	n.a.	T 1
W 2	2 2 7	29°51'05	26°43	15°37	28°45	2°46	16°34	27♊26	22° 9	15°16	15♒21	18♌28	17°25	7°10	n.a.	W 2
T 3	2 6 3	0♏52'17	10♍41	17° 6	29°59	2°55	16°46	27°24	22°10	15°18	15°21	18°26	17°21	7°17	n.a.	T 3
F 4	2 10 0	1°53'30	25° 9	18°34	1♎14	3° 3	16°58	27°23	22°10	15°20	15°20	18°22	17°18	7°23	n.a.	F 4
S 5	2 13 56	2°54'44	10♎ 2	20° 2	2°29	3°11	17°10	27°21	22°10	15°23	15°20	18°14	17°15	7°30	n.a.	S 5
S 6	2 17 53	3°55'59	25°15	21°29	3°43	3°18	17°23	27°19	22°10	15°25	15°20	18° 5	17°12	7°37	n.a.	S 6
M 7	2 21 49	4°57'15	10♏37	22°54	4°58	3°24	17°35	27°17	22°10	15°27	15°20	17°54	17° 9	7°44	n.a.	M 7
T 8	2 25 46	5°58'31	25°56	24°19	6°12	3°29	17°47	27°15	22°R10	15°29	15°20	17°42	17° 6	7°50	n.a.	T 8
W 9	2 29 42	6°59'47	11♐ 1	25°41	7°27	3°34	17°59	27°13	22°10	15°32	15°20	17°32	17° 2	7°57	n.a.	W 9
T 10	2 33 39	8° 1'04	25°42	27° 2	8°42	3°38	18°12	27°10	22°10	15°34	15°D20	17°24	16°59	8° 4	n.a.	T 10
F 11	2 37 36	9° 2'22	9♑56	28°21	9°56	3°42	18°24	27° 8	22°10	15°36	15°20	17°19	16°56	8°11	n.a.	F 11
S 12	2 41 32	10° 3'39	23°39	29°37	11°11	3°44	18°37	27° 6	22°10	15°38	15°20	17°16	16°53	8°17	n.a.	S 12
S 13	2 45 29	11° 4'56	6♒54	0♐50	12°26	3°46	18°50	27° 3	22° 9	15°41	15°20	17°15	16°50	8°24	n.a.	S 13
M14	2 49 25	12° 6'13	19°44	1°59	13°41	3°47	19° 2	27° 0	22° 9	15°43	15°20	17°15	16°46	8°31	n.a.	M14
T 15	2 53 22	13° 7'31	2♓14	3° 4	14°56	3°R48	19°15	26°58	22° 9	15°45	15°20	17°15	16°43	8°37	n.a.	T 15
W16	2 57 18	14° 8'48	14°29	4° 4	16°10	3°47	19°28	26°55	22° 8	15°47	15°21	17°12	16°40	8°44	n.a.	W16
T 17	3 1 15	15°10'05	26°33	4°59	17°25	3°46	19°41	26°52	22° 8	15°50	15°21	17° 7	16°37	8°51	n.a.	T 17
F 18	3 5 12	16°11'22	8♈30	5°48	18°40	3°44	19°54	26°49	22° 7	15°52	15°21	16°59	16°34	8°58	n.a.	F 18
S 19	3 9 8	17°12'39	20°24	6°29	19°55	3°42	20° 7	26°46	22° 7	15°54	15°21	16°48	16°31	9° 4	n.a.	S 19
S 20	3 13 5	18°13'56	2♉16	7° 2	21°10	3°38	20°20	26°42	22° 6	15°56	15°21	16°35	16°27	9°11	n.a.	S 20
M21	3 17 1	19°15'13	14° 8	7°26	22°25	3°34	20°33	26°39	22° 5	15°59	15°22	16°20	16°24	9°18	n.a.	M21
T 22	3 20 58	20°16'31	26° 3	7°41	23°40	3°29	20°47	26°36	22° 5	16° 1	15°22	16° 5	16°21	9°24	n.a.	T 22
W23	3 24 54	21°17'48	8♊ 0	7°R44	24°54	3°23	21° 0	26°32	22° 4	16° 3	15°22	15°50	16°18	9°31	n.a.	W23
T 24	3 28 51	22°19'05	20° 1	7°37	26° 9	3°16	21°13	26°29	22° 3	16° 6	15°23	15°38	16°15	9°38	n.a.	T 24
F 25	3 32 47	23°20'22	2♋ 8	7°17	27°24	3° 9	21°27	26°25	22° 2	16° 8	15°23	15°28	16°12	9°45	n.a.	F 25
S 26	3 36 44	24°21'39	14°23	6°46	28°39	3° 0	21°40	26°21	22° 1	16°10	15°23	15°22	16° 8	9°51	n.a.	S 26
S 27	3 40 41	25°22'56	26°49	6° 3	29°54	2°51	21°54	26°17	22° 0	16°12	15°24	15°18	16° 5	9°58	n.a.	S 27
M28	3 44 37	26°24'14	9♌30	5°10	1♏ 9	2°41	22° 7	26°14	21°59	16°15	15°24	15°17	16° 2	10° 5	n.a.	M28
T 29	3 48 34	27°25'31	22°28	4° 7	2°24	2°30	22°21	26°10	21°58	16°17	15°25	15°17	15°59	10°12	n.a.	T 29
W30	3 52 30	28♏26'48	5♍49	2♐56	3♏39	2♋19	22♐34	26♊ 6	21♋56	16♏19	15♒25	15♌17	15♌56	10♉18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s14	16n41	0s28	18s23	2s10	2n38	1n47	25n40	1n52	23s29	0s22	23n37	0s11	22n35	0n37	15s11	1n34	31s54	16s14	15n32	15n51	9n19		n.a.
W 2	11 36	13 30	0n44	18 53	2 12	2 8	1 47	25 42	1 54	23 30	0 22	23 37	0 11	22 35	0 37	15 11	1 34	31 53	16 14	15 32	15 52	9 21		n.a.
T 3	11 58	9 27	1 55	19 21	2 14	1 38	1 47	25 44	1 56	23 31	0 22	23 37	0 11	22 35	0 37	15 12	1 34	31 53	16 13	15 33	15 53	9 23		n.a.
F 4	12 19	4 43	3 1	19 48	2 16	1 8	1 47	25 46	1 59	23 33	0 22	23 37	0 11	22 35	0 37	15 13	1 34	31 53	16 13	15 34	15 54	9 25		n.a.
S 5	12 41	0s25	3 57	20 14	2 17	0 37	1 46	25 49	2 1	23 34	0 22	23 37	0 11	22 35	0 37	15 13	1 34	31 53	16 13	15 37	15 55	9 27		n.a.
S 6	13 2	5 38	4 38	20 38	2 17	0 7	1 46	25 51	2 4	23 35	0 22	23 37	0 11	22 35	0 37	15 14	1 34	31 52	16 12	15 40	15 56	9 29		n.a.
M 7	13 23	10 32	4 58	21 1	2 17	0s24	1 45	25 53	2 6	23 36	0 22	23 37	0 11	22 35	0 37	15 15	1 34	31 52	16 12	15 43	15 57	9 31		n.a.
T 8	13 44	14 44	4 58	21 22	2 17	0 54	1 45	25 55	2 8	23 38	0 22	23 38	0 11	22 35	0 37	15 15	1 34	31 52	16 12	15 47	15 58	9 33		n.a.
W 9	14 4	17 54	4 36	21 41	2 16	1 25	1 44	25 58	2 11	23 39	0 22	23 38	0 10	22 35	0 37	15 16	1 34	31 51	16 11	15 50	15 59	9 35		n.a.
T 10	14 25	19 49	3 57	21 59	2 14	1 55	1 43	26 0	2 13	23 40	0 22	23 38	0 10	22 35	0 37	15 17	1 34	31 51	16 11	15 52	16 0	9 37		n.a.
F 11	14 45	20 24	3 4	22 15	2 11	2 26	1 43	26 3	2 16	23 41	0 22	23 38	0 10	22 35	0 37	15 17	1 34	31 51	16 11	15 54	16 1	9 39		n.a.
S 12	15 4	19 44	2 1	22 28	2 8	2 56	1 42	26 5	2 19	23 42	0 22	23 38	0 10	22 35	0 37	15 18	1 34	31 50	16 10	15 55	16 2	9 41		n.a.
S 13	15 24	17 58	0 55	22 40	2 3	3 27	1 41	26 8	2 21	23 44	0 23	23 38	0 10	22 35	0 37	15 19	1 34	31 50	16 10	15 55	16 3	9 43		n.a.
M14	15 43	15 21	0s13	22 49	1 58	3 57	1 40	26 10	2 24	23 45	0 23	23 38	0 10	22 35	0 37	15 19	1 34	31 50	16 10	15 55	16 4	9 45		n.a.
T 15	16 2	12 4	1 18	22 56	1 52	4 28	1 39	26 13	2 26	23 46	0 23	23 38	0 10	22 36	0 38	15 20	1 34	31 49	16 9	15 55	16 5	9 47		n.a.
W16	16 21	8 20	2 19	23 1	1 44	4 58	1 38	26 15	2 29	23 47	0 23	23 38	0 10	22 36	0 38	15 21	1 34	31 49	16 9	15 56	16 6	9 49		n.a.
T 17	16 39	4 19	3 11	23 3	1 36	5 28	1 36	26 18	2 32	23 48	0 23	23 38	0 10	22 36	0 38	15 21	1 34	31 49	16 9	15 57	16 7	9 51		n.a.
F 18	16 57	0 10	3 55	23 2	1 26	5 58	1 35	26 21	2 34	23 49	0 23	23 38	0 10	22 36	0 38	15 22	1 34	31 48	16 8	16 0	16 8	9 53		n.a.
S 19	17 15	3n57	4 29	22 59	1 15	6 28	1 34	26 23	2 37	23 50	0 23	23 38	0 9	22 36	0 38	15 23	1 34	31 48	16 8	16 3	16 9	9 55		n.a.
S 20	17 32	7 55	4 50	22 52	1 3	6 58	1 32	26 26	2 40	23 51	0 23	23 38	0 9	22 36	0 38	15 23	1 33	31 47	16 7	16 7	16 10	9 57		n.a.
M21	17 49	11 35	4 59	22 43	0 49	7 28	1 31	26 29	2 42	23 52	0 23	23 38	0 9	22 36	0 38	15 24	1 33	31 47	16 7	16 12	16 11	9 59		n.a.
T 22	18 6	14 48	4 55	22 31	0 34	7 57	1 29	26 32	2 45	23 53	0 23	23 38	0 9	22 37	0 38	15 25	1 33	31 46	16 7	16 17	16 12	10 1		n.a.
W23	18 23	17 26	4 37	22 15	0 18	8 26	1 28	26 35	2 48	23 54	0 23	23 38	0 9	22 37	0 38	15 25	1 33	31 46	16 6	16 21	16 13	10 3		n.a.
T 24	18 39	19 20	4 8	21 57	0 0	8 56	1 26	26 38	2 50	23 55	0 23	23 38	0 9	22 37	0 38	15 26	1 33	31 46	16 6	16 25	16 13	10 5		n.a.
F 25	18 55	20 22	3 27	21 35	0n18	9 24	1 24	26 40	2 53	23 56	0 23	23 38	0 9	22 37	0 38	15 27	1 33	31 45	16 6	16 28	16 14	10 7		n.a.
S 26	19 10	20 28	2 35	21 11	0 37	9 53	1 23	26 43	2 56	23 57	0 24	23 38	0 9	22 37	0 38	15 27	1 33	31 45	16 5	16 29	16 15	10 9		n.a.
S 27	19 25	19 34	1 36	20 44	0 57	10 22	1 21	26 46	2 58	23 58	0 24	23 38	0 9	22 37	0 38	15 28	1 33	31 44	16 5	16 30	16 16	10 11		n.a.
M28	19 40	17 40	0 31	20 15	1 17	10 50	1 19	26 49	3 1	23 59	0 24	23 38	0 9	22 38	0 38	15 29	1 33	31 44	16 5	16 31	16 17	10 13		n.a.
T 29	19 54	14 51	0n38	19 44	1 37	11 18	1 17	26 52	3 4	24 0	0 24	23 38	0 8	22 38	0 38	15 29	1 33	31 43	16 4	16 31	16 18	10 15		n.a.
W30	20s 8	11n10	1n46	19s11	1n56	11s46	1n15	26n55	3n 6	24s 1	0s24	23n38	0s 8	22n38	0n38	15s30	1n33	31s43	16s 4	16n31	16n19	10n17		n.a.

Julian Day Number = 1302420.5, Delta T = 07h49m07s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'37, Lahiri = -19°47'36 Julian Calendar 1 Nov. 1148 BCE == Greg. Calendar 21 Oct. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1148 BCE
geocentric

DECEMBER 1148 BCE (-1147) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 27	29♏28'05	19♍34	1°R40	4♏54	2°R 6	22♐48	26°R 2	21°R55	16♏21	15♒26	15°R16	15♌52	10♉25	n.a.	T 1
F 2	4 0 23	0♐29'21	3♎47	0♐20	6° 9	1♋53	23° 2	25♊57	21♋54	16°23	15°26	15♌12	15°49	10°32	n.a.	F 2
S 3	4 4 20	1°30'38	18°25	29♏ 0	7°24	1°39	23°16	25°53	21°53	16°26	15°27	15° 5	15°46	10°38	n.a.	S 3
S 4	4 8 16	2°31'55	3♏24	27°43	8°39	1°24	23°29	25°49	21°51	16°28	15°27	14°56	15°43	10°45	n.a.	S 4
M 5	4 12 13	3°33'11	18°37	26°29	9°54	1° 9	23°43	25°45	21°50	16°30	15°28	14°46	15°40	10°52	n.a.	M 5
T 6	4 16 10	4°34'26	3♐52	25°22	11° 9	0°52	23°57	25°40	21°48	16°32	15°28	14°35	15°37	10°59	n.a.	T 6
W 7	4 20 6	5°35'42	19° 0	24°22	12°24	0°35	24°11	25°36	21°47	16°34	15°29	14°25	15°33	11° 5	n.a.	W 7
T 8	4 24 3	6°36'56	3♑48	23°31	13°39	0°18	24°25	25°31	21°45	16°37	15°30	14°17	15°30	11°12	n.a.	T 8
F 9	4 27 59	7°38'10	18°11	22°50	14°54	29♊59	24°39	25°27	21°44	16°39	15°30	14°11	15°27	11°19	n.a.	F 9
S 10	4 31 56	8°39'22	2♒ 5	22°17	16° 9	29°41	24°53	25°22	21°42	16°41	15°31	14° 9	15°24	11°26	n.a.	S 10
S 11	4 35 52	9°40'34	15°29	21°55	17°24	29°21	25° 7	25°18	21°40	16°43	15°32	14°D 8	15°21	11°32	n.a.	S 11
M12	4 39 49	10°41'44	28°26	21°42	18°39	29° 1	25°21	25°13	21°39	16°45	15°33	14° 8	15°18	11°39	n.a.	M12
T 13	4 43 46	11°42'54	11♓ 0	21°D37	19°54	28°40	25°35	25° 8	21°37	16°47	15°33	14°R 9	15°14	11°46	n.a.	T 13
W14	4 47 42	12°44'02	23°16	21°41	21° 9	28°19	25°49	25° 3	21°35	16°49	15°34	14° 8	15°11	11°52	n.a.	W14
T 15	4 51 39	13°45'09	5♈20	21°52	22°24	27°58	26° 3	24°59	21°33	16°52	15°35	14° 6	15° 8	11°59	n.a.	T 15
F 16	4 55 35	14°46'15	17°15	22°10	23°39	27°36	26°17	24°54	21°31	16°54	15°36	14° 1	15° 5	12° 6	n.a.	F 16
S 17	4 59 32	15°47'19	29° 6	22°35	24°54	27°13	26°32	24°49	21°29	16°56	15°37	13°53	15° 2	12°13	n.a.	S 17
S 18	5 3 28	16°48'22	10♉57	23° 6	26° 9	26°50	26°46	24°44	21°27	16°58	15°37	13°43	14°58	12°19	n.a.	S 18
M19	5 7 25	17°49'25	22°51	23°42	27°24	26°27	27° 0	24°39	21°25	17° 0	15°38	13°32	14°55	12°26	n.a.	M19
T 20	5 11 21	18°50'26	4♊49	24°23	28°39	26° 4	27°14	24°34	21°23	17° 2	15°39	13°21	14°52	12°33	n.a.	T 20
W21	5 15 18	19°51'25	16°54	25° 9	29°54	25°41	27°28	24°30	21°21	17° 4	15°40	13°10	14°49	12°40	n.a.	W21
T 22	5 19 15	20°52'24	29° 5	25°58	1♐ 9	25°17	27°43	24°25	21°19	17° 6	15°41	13° 1	14°46	12°46	n.a.	T 22
F 23	5 23 11	21°53'22	11♋25	26°51	2°24	24°53	27°57	24°20	21°17	17° 8	15°42	12°54	14°43	12°53	n.a.	F 23
S 24	5 27 8	22°54'18	23°54	27°48	3°39	24°29	28°11	24°15	21°15	17°10	15°43	12°50	14°39	13° 0	n.a.	S 24
S 25	5 31 4	23°55'13	6♌33	28°47	4°53	24° 5	28°26	24°10	21°12	17°11	15°44	12°48	14°36	13° 6	n.a.	S 25
M26	5 35 1	24°56'07	19°25	29°49	6° 8	23°41	28°40	24° 5	21°10	17°13	15°45	12°D48	14°33	13°13	n.a.	M26
T 27	5 38 57	25°57'00	2♍31	0♐54	7°23	23°17	28°54	24° 0	21° 8	17°15	15°46	12°49	14°30	13°20	n.a.	T 27
W28	5 42 54	26°57'52	15°53	2° 1	8°38	22°53	29° 8	23°55	21° 6	17°17	15°47	12°51	14°27	13°27	n.a.	W28
T 29	5 46 51	27°58'43	29°34	3°10	9°53	22°29	29°23	23°50	21° 3	17°19	15°48	12°R51	14°24	13°33	n.a.	T 29
F 30	5 50 47	28°59'32	13♎35	4°21	11° 8	22° 6	29°37	23°45	21° 1	17°21	15°49	12°50	14°20	13°40	n.a.	F 30
S 31	5 54 44	0♑ 0'21	27♎55	5♐33	12♐23	21♊42	29♐51	23♊41	20♋58	17♏23	15♒50	12♌47	14♌17	13♉47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s22	6n48	2n51	18s39	2n14	12s13	1n13	26n58	3n 9	24s 2	0s24	23n38	0s 8	22n38	0n38	15s30	1n33	31s42	16s 4	16n31	16n20	10n19			n.a.
F 2	20 35	1 56	3 47	18 7	2 30	12 40	1 11	27 1	3 12	24 3	0 24	23 38	0 8	22 39	0 38	15 31	1 33	31 42	16 3	16 32	16 21	10 21			n.a.
S 3	20 48	3s11	4 30	17 36	2 44	13 7	1 9	27 3	3 14	24 3	0 24	23 38	0 8	22 39	0 38	15 32	1 33	31 41	16 3	16 34	16 22	10 24			n.a.
S 4	21 0	8 13	4 56	17 7	2 56	13 34	1 7	27 6	3 17	24 4	0 24	23 38	0 8	22 39	0 38	15 32	1 33	31 41	16 3	16 37	16 23	10 26			n.a.
M 5	21 12	12 50	5 1	16 40	3 6	14 0	1 5	27 9	3 19	24 5	0 24	23 38	0 8	22 39	0 38	15 33	1 34	31 40	16 2	16 40	16 24	10 28			n.a.
T 6	21 24	16 36	4 45	16 17	3 13	14 26	1 2	27 12	3 22	24 6	0 24	23 38	0 8	22 40	0 38	15 34	1 34	31 40	16 2	16 43	16 25	10 30			n.a.
W 7	21 35	19 14	4 9	15 58	3 18	14 51	1 0	27 14	3 24	24 6	0 24	23 38	0 8	22 40	0 38	15 34	1 34	31 39	16 2	16 46	16 26	10 32			n.a.
T 8	21 46	20 30	3 17	15 43	3 21	15 16	0 58	27 17	3 27	24 7	0 25	23 38	0 8	22 40	0 38	15 35	1 34	31 39	16 1	16 49	16 27	10 34			n.a.
F 9	21 56	20 22	2 13	15 32	3 21	15 41	0 56	27 19	3 29	24 8	0 25	23 38	0 7	22 41	0 38	15 35	1 34	31 38	16 1	16 50	16 28	10 36			n.a.
S 10	22 6	18 59	1 4	15 25	3 20	16 5	0 53	27 21	3 32	24 8	0 25	23 37	0 7	22 41	0 38	15 36	1 34	31 38	16 1	16 51	16 29	10 38			n.a.
S 11	22 16	16 34	0s 7	15 22	3 18	16 29	0 51	27 23	3 34	24 9	0 25	23 37	0 7	22 41	0 39	15 37	1 34	31 37	16 0	16 51	16 30	10 40			n.a.
M12	22 25	13 23	1 16	15 22	3 14	16 53	0 49	27 26	3 36	24 10	0 25	23 37	0 7	22 41	0 39	15 37	1 34	31 37	16 0	16 51	16 31	10 42			n.a.
T 13	22 33	9 41	2 18	15 26	3 8	17 16	0 46	27 27	3 38	24 10	0 25	23 37	0 7	22 42	0 39	15 38	1 34	31 36	16 0	16 51	16 32	10 44			n.a.
W14	22 42	5 39	3 13	15 33	3 2	17 38	0 44	27 29	3 40	24 11	0 25	23 37	0 7	22 42	0 39	15 38	1 34	31 36	16 0	16 51	16 33	10 46			n.a.
T 15	22 49	1 29	3 58	15 43	2 55	18 0	0 41	27 31	3 42	24 11	0 25	23 37	0 7	22 42	0 39	15 39	1 34	31 35	15 59	16 52	16 34	10 48			n.a.
F 16	22 57	2n42	4 32	15 55	2 47	18 22	0 39	27 33	3 44	24 12	0 25	23 37	0 7	22 43	0 39	15 40	1 34	31 35	15 59	16 54	16 35	10 50			n.a.
S 17	23 3	6 45	4 54	16 9	2 39	18 43	0 36	27 34	3 46	24 12	0 25	23 37	0 7	22 43	0 39	15 40	1 34	31 34	15 59	16 56	16 35	10 52			n.a.
S 18	23 10	10 33	5 4	16 25	2 31	19 3	0 34	27 35	3 48	24 13	0 25	23 37	0 6	22 43	0 39	15 41	1 34	31 33	15 58	16 59	16 36	10 54			n.a.
M19	23 16	13 57	5 0	16 43	2 22	19 23	0 31	27 36	3 50	24 13	0 26	23 37	0 6	22 44	0 39	15 41	1 34	31 33	15 58	17 2	16 37	10 56			n.a.
T 20	23 21	16 48	4 44	17 2	2 12	19 43	0 29	27 37	3 51	24 14	0 26	23 37	0 6	22 44	0 39	15 42	1 34	31 32	15 58	17 5	16 38	10 58			n.a.
W21	23 26	18 58	4 14	17 22	2 3	20 2	0 26	27 38	3 53	24 14	0 26	23 37	0 6	22 45	0 39	15 42	1 34	31 32	15 57	17 8	16 39	11 0			n.a.
T 22	23 31	20 17	3 32	17 43	1 54	20 20	0 24	27 39	3 54	24 14	0 26	23 37	0 6	22 45	0 39	15 43	1 34	31 31	15 57	17 11	16 40	11 2			n.a.
F 23	23 35	20 40	2 40	18 5	1 44	20 38	0 21	27 39	3 56	24 15	0 26	23 36	0 6	22 45	0 39	15 44	1 34	31 31	15 57	17 13	16 41	11 4			n.a.
S 24	23 38	20 2	1 40	18 27	1 35	20 55	0 19	27 39	3 57	24 15	0 26	23 36	0 6	22 46	0 39	15 44	1 34	31 30	15 57	17 14	16 42	11 6			n.a.
S 25	23 41	18 24	0 34	18 50	1 25	21 12	0 16	27 39	3 58	24 15	0 26	23 36	0 6	22 46	0 39	15 45	1 34	31 29	15 56	17 15	16 43	11 8			n.a.
M26	23 44	15 48	0n36	19 13	1 16	21 28	0 14	27 39	3 59	24 16	0 26	23 36	0 6	22 46	0 39	15 45	1 34	31 29	15 56	17 15	16 44	11 10			n.a.
T 27	23 46	12 22	1 44	19 35	1 6	21 43	0 11	27 39	4 0	24 16	0 26	23 36	0 5	22 47	0 39	15 46	1 34	31 28	15 56	17 14	16 45	11 12			n.a.
W28	23 48	8 15	2 49	19 58	0 57	21 58	0 9	27 39	4 1	24 16	0 26	23 36	0 5	22 47	0 39	15 46	1 34	31 28	15 56	17 14	16 46	11 14			n.a.
T 29	23 49	3 37	3 46	20 21	0 48	22 12	0 6	27 38	4 2	24 16	0 27	23 36	0 5	22 48	0 39	15 47	1 34	31 27	15 55	17 14	16 47	11 16			n.a.
F 30	23 50	1s18	4 30	20 43	0 39	22 25	0 3	27 37	4 2	24 16	0 27	23 36	0 5	22 48	0 39	15 47	1 34	31 27	15 55	17 14	16 48	11 17			n.a.
S 31	23s50	6s15	4n59	21s 6	0n30	22s38	0n 1	27n36	4n 3	24s17	0s27	23n35	0s 5	22n48	0n39	15s48	1n34	31s26	15s55	17n15	16n49	11n19			n.a.

Julian Day Number = 1302450.5, Delta T = 07h49m05s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'33, Lahiri = -19°47'32 Julian Calendar 1 Dec. 1148 BCE == Greg. Calendar 20 Nov. 1148 BCE

The year -1147 astronomical counting style corresponds to year 1148 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

JANUARY 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 40	1♉ 1'08	12♏32	6♐48	13♐38	21°R19	0♉ 6	23°R36	20°R56	17♏24	15♒52	12°R42	14♌14	13♉53	n.a.	S 1
M 2	6 2 37	2° 1'54	27°20	8° 4	14°53	20♊56	0°20	23♊31	20♋54	17°26	15°53	12♌36	14°11	14° 0	n.a.	M 2
T 3	6 6 33	3° 2'39	12♐14	9°21	16° 7	20°34	0°34	23°26	20°51	17°28	15°54	12°30	14° 8	14° 7	n.a.	T 3
W 4	6 10 30	4° 3'22	27° 3	10°40	17°22	20°12	0°49	23°21	20°49	17°30	15°55	12°24	14° 4	14°14	n.a.	W 4
T 5	6 14 26	5° 4'04	11♉40	12° 1	18°37	19°50	1° 3	23°16	20°46	17°31	15°56	12°19	14° 1	14°20	n.a.	T 5
F 6	6 18 23	6° 4'44	25°59	13°22	19°52	19°29	1°17	23°12	20°44	17°33	15°57	12°16	13°58	14°27	n.a.	F 6
S 7	6 22 20	7° 5'22	9♒53	14°45	21° 7	19° 9	1°31	23° 7	20°41	17°35	15°59	12°D15	13°55	14°34	n.a.	S 7
S 8	6 26 16	8° 5'59	23°21	16° 9	22°22	18°49	1°46	23° 2	20°39	17°36	16° 0	12°16	13°52	14°41	n.a.	S 8
M 9	6 30 13	9° 6'33	6♓25	17°34	23°36	18°29	2° 0	22°58	20°36	17°38	16° 1	12°17	13°49	14°47	n.a.	M 9
T 10	6 34 9	10° 7'06	19° 5	19° 0	24°51	18°10	2°14	22°53	20°34	17°39	16° 2	12°19	13°45	14°54	n.a.	T 10
W11	6 38 6	11° 7'36	1♈26	20°27	26° 6	17°52	2°29	22°48	20°31	17°41	16° 4	12°20	13°42	15° 1	n.a.	W11
T 12	6 42 2	12° 8'04	13°33	21°56	27°21	17°35	2°43	22°44	20°28	17°42	16° 5	12°R21	13°39	15° 7	n.a.	T 12
F 13	6 45 59	13° 8'31	25°31	23°25	28°36	17°18	2°57	22°39	20°26	17°44	16° 6	12°20	13°36	15°14	n.a.	F 13
S 14	6 49 55	14° 8'55	7♉23	24°55	29°50	17° 2	3°11	22°35	20°23	17°45	16° 8	12°18	13°33	15°21	n.a.	S 14
S 15	6 53 52	15° 9'17	19°15	26°26	1♉ 5	16°46	3°25	22°31	20°21	17°47	16° 9	12°14	13°29	15°28	n.a.	S 15
M16	6 57 49	16° 9'37	1♊10	27°59	2°20	16°32	3°39	22°26	20°18	17°48	16°10	12°10	13°26	15°34	n.a.	M16
T 17	7 1 45	17° 9'55	13°13	29°32	3°34	16°18	3°54	22°22	20°15	17°50	16°12	12° 6	13°23	15°41	n.a.	T 17
W18	7 5 42	18°10'11	25°24	1♉ 6	4°49	16° 4	4° 8	22°18	20°13	17°51	16°13	12° 2	13°20	15°48	n.a.	W18
T 19	7 9 38	19°10'25	7♋47	2°41	6° 4	15°52	4°22	22°14	20°10	17°52	16°14	11°58	13°17	15°55	n.a.	T 19
F 20	7 13 35	20°10'37	20°22	4°18	7°18	15°40	4°36	22°10	20° 8	17°54	16°16	11°55	13°14	16° 1	n.a.	F 20
S 21	7 17 31	21°10'47	3♌10	5°55	8°33	15°29	4°50	22° 6	20° 5	17°55	16°17	11°54	13°10	16° 8	n.a.	S 21
S 22	7 21 28	22°10'55	16°11	7°33	9°48	15°19	5° 4	22° 2	20° 2	17°56	16°18	11°D54	13° 7	16°15	n.a.	S 22
M23	7 25 24	23°11'01	29°24	9°13	11° 2	15°10	5°18	21°58	20° 0	17°57	16°20	11°55	13° 4	16°21	n.a.	M23
T 24	7 29 21	24°11'05	12♍50	10°53	12°17	15° 1	5°32	21°54	19°57	17°59	16°21	11°56	13° 1	16°28	n.a.	T 24
W25	7 33 18	25°11'08	26°28	12°35	13°32	14°54	5°46	21°51	19°54	18° 0	16°23	11°57	12°58	16°35	n.a.	W25
T 26	7 37 14	26°11'08	10♎17	14°17	14°46	14°47	6° 0	21°47	19°52	18° 1	16°24	11°58	12°55	16°42	n.a.	T 26
F 27	7 41 11	27°11'07	24°18	16° 1	16° 1	14°40	6°13	21°43	19°49	18° 2	16°26	11°R59	12°51	16°48	n.a.	F 27
S 28	7 45 7	28°11'04	8♏29	17°46	17°15	14°35	6°27	21°40	19°47	18° 3	16°27	11°59	12°48	16°55	n.a.	S 28
S 29	7 49 4	29°11'00	22°48	19°32	18°30	14°30	6°41	21°37	19°44	18° 4	16°29	11°58	12°45	17° 2	n.a.	S 29
M30	7 53 0	0♒10'53	7♐12	21°19	19°44	14°27	6°55	21°33	19°41	18° 5	16°30	11°57	12°42	17° 9	n.a.	M30
T 31	7 56 57	1♒10'45	21♐36	23♉ 7	20♉59	14♊24	7♉ 9	21♊30	19♋39	18♏ 6	16♒31	11♌55	12♌39	17♉15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	10s56	5n 9	21s27	0n21	22s50	0s 2	27n35	4n 3	24s17	0s27	23n35	0s 5	22n49	0n39	15s48	1n34	31s25	15s55	17n16	16n50	11n21		n.a.
M 2	23 49	15 2	4 59	21 48	0 12	23 1	0 4	27 34	4 4	24 17	0 27	23 35	0 5	22 49	0 39	15 49	1 34	31 25	15 54	17 18	16 51	11 23		n.a.
T 3	23 48	18 11	4 29	22 9	0 4	23 12	0 7	27 33	4 4	24 17	0 27	23 35	0 5	22 50	0 39	15 49	1 34	31 24	15 54	17 20	16 51	11 25		n.a.
W 4	23 46	20 7	3 41	22 29	0s 4	23 22	0 9	27 31	4 4	24 17	0 27	23 35	0 5	22 50	0 39	15 49	1 34	31 24	15 54	17 21	16 52	11 27		n.a.
T 5	23 44	20 40	2 39	22 48	0 12	23 31	0 12	27 30	4 4	24 17	0 27	23 35	0 4	22 50	0 39	15 50	1 34	31 23	15 54	17 23	16 53	11 29		n.a.
F 6	23 41	19 52	1 28	23 6	0 20	23 40	0 14	27 28	4 4	24 17	0 27	23 35	0 4	22 51	0 39	15 50	1 34	31 22	15 53	17 24	16 54	11 31		n.a.
S 7	23 38	17 51	0 13	23 24	0 28	23 48	0 16	27 26	4 4	24 17	0 28	23 35	0 4	22 51	0 39	15 51	1 34	31 22	15 53	17 24	16 55	11 33		n.a.
S 8	23 35	14 54	1s 0	23 41	0 35	23 55	0 19	27 24	4 4	24 17	0 28	23 34	0 4	22 52	0 39	15 51	1 34	31 21	15 53	17 24	16 56	11 35		n.a.
M 9	23 31	11 17	2 8	23 56	0 42	24 2	0 21	27 22	4 4	24 17	0 28	23 34	0 4	22 52	0 39	15 52	1 34	31 21	15 53	17 23	16 57	11 37		n.a.
T 10	23 26	7 15	3 8	24 11	0 49	24 7	0 24	27 20	4 3	24 16	0 28	23 34	0 4	22 52	0 39	15 52	1 34	31 20	15 53	17 23	16 58	11 39		n.a.
W11	23 21	3 2	3 57	24 25	0 56	24 12	0 26	27 18	4 3	24 16	0 28	23 34	0 4	22 53	0 39	15 52	1 34	31 19	15 52	17 23	16 59	11 41		n.a.
T 12	23 16	1n14	4 35	24 37	1 2	24 16	0 28	27 16	4 2	24 16	0 28	23 34	0 4	22 53	0 39	15 53	1 34	31 19	15 52	17 22	17 0	11 43		n.a.
F 13	23 10	5 22	5 0	24 48	1 8	24 20	0 31	27 13	4 2	24 16	0 28	23 34	0 4	22 54	0 39	15 53	1 34	31 18	15 52	17 23	17 1	11 45		n.a.
S 14	23 4	9 17	5 12	24 58	1 14	24 23	0 33	27 11	4 1	24 16	0 28	23 34	0 3	22 54	0 39	15 54	1 34	31 18	15 52	17 23	17 2	11 47		n.a.
S 15	22 57	12 50	5 11	25 7	1 20	24 25	0 35	27 9	4 1	24 15	0 28	23 33	0 3	22 54	0 39	15 54	1 34	31 17	15 52	17 24	17 3	11 49		n.a.
M16	22 50	15 54	4 56	25 14	1 25	24 26	0 37	27 7	4 0	24 15	0 29	23 33	0 3	22 55	0 39	15 54	1 34	31 16	15 52	17 25	17 4	11 51		n.a.
T 17	22 42	18 19	4 28	25 20	1 30	24 26	0 39	27 4	3 59	24 15	0 29	23 33	0 3	22 55	0 39	15 55	1 35	31 16	15 51	17 27	17 4	11 53		n.a.
W18	22 34	19 57	3 48	25 24	1 35	24 26	0 41	27 2	3 58	24 15	0 29	23 33	0 3	22 56	0 39	15 55	1 35	31 15	15 51	17 28	17 5	11 55		n.a.
T 19	22 26	20 39	2 57	25 27	1 39	24 25	0 44	27 0	3 57	24 14	0 29	23 33	0 3	22 56	0 39	15 55	1 35	31 15	15 51	17 29	17 6	11 57		n.a.
F 20	22 17	20 21	1 56	25 29	1 43	24 23	0 46	26 57	3 56	24 14	0 29	23 33	0 3	22 56	0 39	15 56	1 35	31 14	15 51	17 30	17 7	11 59		n.a.
S 21	22 8	18 59	0 48	25 28	1 47	24 20	0 48	26 55	3 55	24 14	0 29	23 33	0 3	22 57	0 39	15 56	1 35	31 13	15 51	17 30	17 8	12 1		n.a.
S 22	21 58	16 37	0n24	25 27	1 50	24 17	0 50	26 53	3 54	24 13	0 29	23 33	0 3	22 57	0 39	15 56	1 35	31 13	15 51	17 30	17 9	12 3		n.a.
M23	21 48	13 21	1 35	25 23	1 53	24 13	0 51	26 51	3 53	24 13	0 29	23 32	0 2	22 58	0 39	15 57	1 35	31 12	15 51	17 30	17 10	12 5		n.a.
T 24	21 38	9 21	2 43	25 18	1 56	24 8	0 53	26 48	3 52	24 12	0 30	23 32	0 2	22 58	0 39	15 57	1 35	31 12	15 50	17 29	17 11	12 7		n.a.
W25	21 27	4 49	3 42	25 11	1 58	24 3	0 55	26 46	3 50	24 12	0 30	23 32	0 2	22 58	0 39	15 57	1 35	31 11	15 50	17 29	17 12	12 9		n.a.
T 26	21 15	0s 1	4 29	25 2	2 0	23 56	0 57	26 44	3 49	24 11	0 30	23 32	0 2	22 59	0 39	15 58	1 35	31 10	15 50	17 29	17 13	12 11		n.a.
F 27	21 4	4 55	5 1	24 51	2 1	23 49	0 59	26 42	3 48	24 11	0 30	23 32	0 2	22 59	0 39	15 58	1 35	31 10	15 50	17 29	17 14	12 13		n.a.
S 28	20 52	9 35	5 16	24 39	2 2	23 42	1 0	26 40	3 46	24 10	0 30	23 32	0 2	23 0	0 39	15 58	1 35	31 9	15 50	17 29	17 15	12 15		n.a.
S 29	20 39	13 46	5 11	24 24	2 3	23 33	1 2	26 38	3 45	24 10	0 30	23 32	0 2	23 0	0 39	15 58	1 35	31 9	15 50	17 29	17 15	12 17		n.a.
M30	20 26	17 10	4 46	24 8	2 3	23 24	1 4	26 36	3 44	24 9	0 30	23 32	0 2	23 0	0 39	15 59	1 35	31 8	15 50	17 29	17 16	12 19		n.a.
T 31	20s13	19s30	4n 4	23s49	2s 2	23s14	1s 5	26n35	3n42	24s 8	0s30	23n32	0s 2	23n 1	0n39	15s59	1n35	31s 8	15s50	17n30	17n17	12n20		n.a.

Julian Day Number = 1302481.5, Delta T = 07h49m04s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'29, Lahiri = -19°47'28 Julian Calendar 1 Jan. 1147 BCE == Greg. Calendar 21 Dec. 1148 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

FEBRUARY 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 0 53	2♒10'35	5♉57	24♉56	22♉14	14°R21	7♉22	21°R27	19°R36	18♏ 7	16♒33	11°R54	12♌35	17♉22	n.a.	W 1
T 2	8 4 50	3°10'23	20° 8	26°46	23°28	14♊20	7°36	21♊24	19♋34	18° 8	16°34	11♌53	12°32	17°29	n.a.	T 2
F 3	8 8 46	4°10'09	4♒ 6	28°38	24°43	14°19	7°49	21°21	19°31	18° 9	16°36	11°53	12°29	17°35	n.a.	F 3
S 4	8 12 43	5° 9'53	17°47	0♒31	25°57	14°D19	8° 3	21°18	19°29	18°10	16°37	11°D53	12°26	17°42	n.a.	S 4
S 5	8 16 40	6° 9'34	1♓ 8	2°25	27°12	14°20	8°16	21°15	19°26	18°10	16°39	11°53	12°23	17°49	n.a.	S 5
M 6	8 20 36	7° 9'13	14° 9	4°20	28°26	14°21	8°30	21°13	19°24	18°11	16°40	11°53	12°20	17°56	n.a.	M 6
T 7	8 24 33	8° 8'50	26°51	6°16	29°41	14°23	8°43	21°10	19°21	18°12	16°42	11°54	12°16	18° 2	n.a.	T 7
W 8	8 28 29	9° 8'24	9♈15	8°13	0♒55	14°26	8°57	21° 8	19°19	18°13	16°43	11°54	12°13	18° 9	n.a.	W 8
T 9	8 32 26	10° 7'56	21°25	10°11	2°10	14°30	9°10	21° 5	19°16	18°13	16°45	11°54	12°10	18°16	n.a.	T 9
F 10	8 36 22	11° 7'25	3♉25	12°10	3°24	14°34	9°23	21° 3	19°14	18°14	16°46	11°54	12° 7	18°22	n.a.	F 10
S 11	8 40 19	12° 6'52	15°19	14° 9	4°38	14°39	9°36	21° 1	19°12	18°15	16°48	11°54	12° 4	18°29	n.a.	S 11
S 12	8 44 15	13° 6'17	27°11	16°10	5°53	14°45	9°50	20°59	19° 9	18°15	16°49	11°54	12° 1	18°36	n.a.	S 12
M13	8 48 12	14° 5'39	9♊ 8	18°11	7° 7	14°51	10° 3	20°57	19° 7	18°16	16°51	11°55	11°57	18°43	n.a.	M13
T 14	8 52 9	15° 4'59	21°12	20°12	8°22	14°58	10°16	20°55	19° 5	18°16	16°52	11°55	11°54	18°49	n.a.	T 14
W15	8 56 5	16° 4'16	3♋28	22°14	9°36	15° 5	10°29	20°53	19° 2	18°17	16°54	11°55	11°51	18°56	n.a.	W15
T 16	9 0 2	17° 3'31	15°59	24°15	10°50	15°14	10°41	20°51	19° 0	18°17	16°55	11°56	11°48	19° 3	n.a.	T 16
F 17	9 3 58	18° 2'44	28°47	26°16	12° 5	15°22	10°54	20°50	18°58	18°18	16°57	11°56	11°45	19°10	n.a.	F 17
S 18	9 7 55	19° 1'54	11♌52	28°17	13°19	15°32	11° 7	20°48	18°56	18°18	16°59	11°R56	11°41	19°16	n.a.	S 18
S 19	9 11 51	20° 1'02	25°15	0♓16	14°33	15°42	11°20	20°47	18°54	18°18	17° 0	11°56	11°38	19°23	n.a.	S 19
M20	9 15 48	21° 0'08	8♍55	2°15	15°48	15°52	11°32	20°46	18°52	18°19	17° 2	11°56	11°35	19°30	n.a.	M20
T 21	9 19 44	21°59'12	22°48	4°11	17° 2	16° 3	11°45	20°44	18°50	18°19	17° 3	11°55	11°32	19°36	n.a.	T 21
W22	9 23 41	22°58'14	6♎52	6° 6	18°16	16°15	11°58	20°43	18°47	18°19	17° 5	11°53	11°29	19°43	n.a.	W22
T 23	9 27 37	23°57'13	21° 3	7°58	19°30	16°27	12°10	20°42	18°45	18°19	17° 6	11°52	11°26	19°50	n.a.	T 23
F 24	9 31 34	24°56'11	5♏18	9°47	20°45	16°39	12°22	20°42	18°43	18°20	17° 8	11°51	11°22	19°57	n.a.	F 24
S 25	9 35 31	25°55'07	19°33	11°33	21°59	16°53	12°35	20°41	18°42	18°20	17° 9	11°D50	11°19	20° 3	n.a.	S 25
S 26	9 39 27	26°54'01	3♐46	13°16	23°13	17° 6	12°47	20°40	18°40	18°20	17°11	11°50	11°16	20°10	n.a.	S 26
M27	9 43 24	27°52'54	17°53	14°54	24°27	17°20	12°59	20°40	18°38	18°20	17°12	11°51	11°13	20°17	n.a.	M27
T 28	9 47 20	28♒51'44	1♉55	16♓28	25♒42	17♊35	13♉11	20♊39	18♋36	18♏20	17♒14	11♌52	11♌10	20♉24	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s 0	20s36	3n 6	23s29	2s 2	23s 3	1s 7	26n33	3n41	24s 8	0s31	23n31	0s 1	23n 1	0n39	15s59	1n35	31s 7	15s50	17n30	17n18	12n22		n.a.	W 1
T 2	19 46	20 21	1 58	23 7	2 0	22 52	1 8	26 31	3 39	24 7	0 31	23 31	0 1	23 2	0 39	15 59	1 35	31 7	15 50	17 30	17 19	12 24		n.a.	T 2
F 3	19 32	18 51	0 43	22 42	1 58	22 40	1 9	26 30	3 38	24 6	0 31	23 31	0 1	23 2	0 39	15 59	1 35	31 6	15 49	17 30	17 20	12 26		n.a.	F 3
S 4	19 17	16 16	0s33	22 15	1 56	22 28	1 11	26 28	3 37	24 6	0 31	23 31	0 1	23 2	0 39	16 0	1 35	31 5	15 49	17 30	17 21	12 28		n.a.	S 4
S 5	19 2	12 52	1 45	21 47	1 53	22 14	1 12	26 27	3 35	24 5	0 31	23 31	0 1	23 3	0 39	16 0	1 35	31 5	15 49	17 30	17 22	12 30		n.a.	S 5
M 6	18 47	8 56	2 50	21 16	1 50	22 0	1 13	26 26	3 34	24 4	0 31	23 31	0 1	23 3	0 39	16 0	1 35	31 4	15 49	17 30	17 23	12 32		n.a.	M 6
T 7	18 32	4 42	3 44	20 43	1 46	21 46	1 14	26 24	3 32	24 4	0 31	23 31	0 1	23 3	0 39	16 0	1 35	31 4	15 49	17 30	17 24	12 34		n.a.	T 7
W 8	18 16	0 22	4 27	20 8	1 41	21 30	1 16	26 23	3 31	24 3	0 32	23 31	0 1	23 4	0 39	16 0	1 35	31 3	15 49	17 30	17 25	12 36		n.a.	W 8
T 9	18 0	3n54	4 57	19 31	1 36	21 15	1 17	26 22	3 29	24 2	0 32	23 31	0 1	23 4	0 39	16 0	1 35	31 3	15 49	17 30	17 25	12 38		n.a.	T 9
F 10	17 43	7 57	5 14	18 52	1 30	20 58	1 18	26 21	3 28	24 1	0 32	23 31	0 0	23 4	0 39	16 1	1 36	31 2	15 49	17 30	17 26	12 40		n.a.	F 10
S 11	17 26	11 39	5 17	18 11	1 23	20 41	1 19	26 20	3 26	24 0	0 32	23 31	0 0	23 5	0 39	16 1	1 36	31 2	15 49	17 30	17 27	12 42		n.a.	S 11
S 12	17 9	14 53	5 6	17 28	1 16	20 23	1 19	26 20	3 24	24 0	0 32	23 31	0 0	23 5	0 39	16 1	1 36	31 1	15 49	17 30	17 28	12 44		n.a.	S 12
M13	16 52	17 32	4 42	16 43	1 9	20 5	1 20	26 19	3 23	23 59	0 32	23 31	0 0	23 5	0 39	16 1	1 36	31 1	15 49	17 30	17 29	12 46		n.a.	M13
T 14	16 34	19 27	4 6	15 57	1 1	19 46	1 21	26 18	3 21	23 58	0 33	23 31	0 0	23 6	0 39	16 1	1 36	31 0	15 49	17 30	17 30	12 48		n.a.	T 14
W15	16 17	20 30	3 18	15 9	0 52	19 27	1 22	26 17	3 20	23 57	0 33	23 31	0n 0	23 6	0 39	16 1	1 36	31 0	15 49	17 30	17 31	12 50		n.a.	W15
T 16	15 59	20 33	2 19	14 19	0 42	19 7	1 22	26 17	3 18	23 56	0 33	23 31	0 0	23 6	0 39	16 1	1 36	30 59	15 49	17 30	17 32	12 51		n.a.	T 16
F 17	15 40	19 34	1 12	13 28	0 33	18 46	1 23	26 16	3 17	23 55	0 33	23 31	0 0	23 7	0 39	16 1	1 36	30 59	15 49	17 29	17 33	12 53		n.a.	F 17
S 18	15 22	17 30	0 0	12 37	0 22	18 25	1 23	26 16	3 15	23 54	0 33	23 31	0 0	23 7	0 39	16 1	1 36	30 58	15 49	17 29	17 34	12 55		n.a.	S 18
S 19	15 3	14 27	1n13	11 44	0 11	18 4	1 24	26 15	3 14	23 53	0 33	23 31	0 0	23 7	0 39	16 1	1 36	30 58	15 49	17 29	17 34	12 57		n.a.	S 19
M20	14 44	10 34	2 24	10 51	0n 0	17 42	1 24	26 15	3 12	23 52	0 33	23 31	0 1	23 8	0 39	16 2	1 36	30 57	15 49	17 30	17 35	12 59		n.a.	M20
T 21	14 24	6 4	3 27	9 57	0 12	17 19	1 24	26 15	3 11	23 52	0 34	23 31	0 1	23 8	0 39	16 2	1 36	30 57	15 49	17 30	17 36	13 1		n.a.	T 21
W22	14 5	1 11	4 19	9 4	0 24	16 56	1 25	26 15	3 9	23 51	0 34	23 31	0 1	23 8	0 39	16 2	1 36	30 56	15 49	17 30	17 37	13 3		n.a.	W22
T 23	13 45	3s47	4 56	8 10	0 36	16 33	1 25	26 14	3 8	23 50	0 34	23 31	0 1	23 8	0 39	16 2	1 36	30 56	15 49	17 31	17 38	13 5		n.a.	T 23
F 24	13 25	8 34	5 14	7 17	0 48	16 9	1 25	26 14	3 6	23 49	0 34	23 31	0 1	23 9	0 39	16 2	1 36	30 55	15 49	17 31	17 39	13 7		n.a.	F 24
S 25	13 5	12 53	5 13	6 25	1 0	15 45	1 25	26 14	3 5	23 48	0 34	23 31	0 1	23 9	0 39	16 2	1 36	30 55	15 49	17 31	17 40	13 9		n.a.	S 25
S 26	12 45	16 27	4 53	5 34	1 13	15 20	1 25	26 14	3 3	23 47	0 34	23 31	0 1	23 9	0 39	16 2	1 36	30 55	15 50	17 31	17 41	13 11		n.a.	S 26
M27	12 24	19 1	4 16	4 45	1 25	14 55	1 25	26 14	3 2	23 46	0 35	23 31	0 1	23 9	0 39	16 2	1 36	30 54	15 50	17 31	17 42	13 13		n.a.	M27
T 28	12s 4	20s26	3n23	3s57	1n37	14s29	1s25	26n14	3n 0	23s45	0s35	23n31	0n 1	23n10	0n39	16s 2	1n36	30s54	15s50	17n31	17n42	13n15		n.a.	T 28

Julian Day Number = 1302512.5, Delta T = 07h49m02s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'24, Lahiri = -19°47'24 Julian Calendar 1 Feb. 1147 BCE == Greg. Calendar 21 Jan. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

MARCH 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 51 17	29♒50'33	15♉47	17♓58	26♒56	17♊50	13♉23	20°R39	18°R34	18°R20	17♒15	11♌53	11♌ 7	20♉30	n.a.	W 1
T 2	9 55 13	0♓49'20	29°30	19°23	28°10	18° 6	13°35	20♊39	18♋32	18♏20	17°17	11°54	11° 3	20°37	n.a.	T 2
F 3	9 59 10	1°48'05	13♒ 1	20°43	29°24	18°22	13°47	20°D39	18°31	18°20	17°18	11°R55	11° 0	20°44	n.a.	F 3
S 4	10 3 6	2°46'47	26°20	21°57	0♓38	18°38	13°59	20°39	18°29	18°20	17°19	11°54	10°57	20°50	n.a.	S 4
S 5	10 7 3	3°45'28	9♓24	23° 6	1°52	18°55	14°10	20°39	18°27	18°20	17°21	11°52	10°54	20°57	n.a.	S 5
M 6	10 10 59	4°44'06	22°13	24°10	3° 7	19°13	14°22	20°39	18°26	18°20	17°22	11°49	10°51	21° 4	n.a.	M 6
T 7	10 14 56	5°42'42	4♈48	25° 7	4°21	19°30	14°33	20°40	18°24	18°20	17°24	11°46	10°47	21°11	n.a.	T 7
W 8	10 18 53	6°41'16	17° 9	25°59	5°35	19°49	14°45	20°40	18°23	18°19	17°25	11°42	10°44	21°17	n.a.	W 8
T 9	10 22 49	7°39'48	29°17	26°45	6°49	20° 7	14°56	20°41	18°21	18°19	17°27	11°38	10°41	21°24	n.a.	T 9
F 10	10 26 46	8°38'18	11♉17	27°24	8° 3	20°26	15° 7	20°41	18°20	18°19	17°28	11°34	10°38	21°31	n.a.	F 10
S 11	10 30 42	9°36'45	23°11	27°58	9°17	20°46	15°18	20°42	18°19	18°19	17°30	11°32	10°35	21°37	n.a.	S 11
S 12	10 34 39	10°35'10	5♊ 4	28°26	10°31	21° 5	15°29	20°43	18°17	18°18	17°31	11°31	10°32	21°44	n.a.	S 12
M13	10 38 35	11°33'33	16°59	28°47	11°45	21°25	15°40	20°44	18°16	18°18	17°32	11°D30	10°28	21°51	n.a.	M13
T 14	10 42 32	12°31'54	29° 3	29° 2	12°59	21°46	15°51	20°45	18°15	18°17	17°34	11°32	10°25	21°58	n.a.	T 14
W15	10 46 28	13°30'12	11♋19	29°11	14°13	22° 7	16° 2	20°46	18°14	18°17	17°35	11°33	10°22	22° 4	n.a.	W15
T 16	10 50 25	14°28'28	23°52	29°R15	15°27	22°28	16°12	20°48	18°13	18°17	17°37	11°35	10°19	22°11	n.a.	T 16
F 17	10 54 22	15°26'42	6♌46	29°12	16°41	22°49	16°23	20°49	18°12	18°16	17°38	11°R36	10°16	22°18	n.a.	F 17
S 18	10 58 18	16°24'54	20° 3	29° 4	17°55	23°11	16°33	20°51	18°10	18°16	17°39	11°36	10°12	22°25	n.a.	S 18
S 19	11 2 15	17°23'04	3♍43	28°51	19° 9	23°33	16°44	20°52	18°10	18°15	17°41	11°34	10° 9	22°31	n.a.	S 19
M20	11 6 11	18°21'12	17°45	28°33	20°23	23°56	16°54	20°54	18° 9	18°14	17°42	11°30	10° 6	22°38	n.a.	M20
T 21	11 10 8	19°19'18	2♎ 5	28°10	21°37	24°19	17° 4	20°56	18° 8	18°14	17°43	11°25	10° 3	22°45	n.a.	T 21
W22	11 14 4	20°17'22	16°38	27°44	22°51	24°42	17°14	20°58	18° 7	18°13	17°45	11°20	10° 0	22°51	n.a.	W22
T 23	11 18 1	21°15'24	1♏17	27°14	24° 5	25° 5	17°24	21° 0	18° 6	18°13	17°46	11°14	9°57	22°58	n.a.	T 23
F 24	11 21 57	22°13'25	15°54	26°41	25°19	25°29	17°34	21° 2	18° 5	18°12	17°47	11° 9	9°53	23° 5	n.a.	F 24
S 25	11 25 54	23°11'25	0♐24	26° 5	26°33	25°53	17°43	21° 5	18° 5	18°11	17°49	11° 5	9°50	23°12	n.a.	S 25
S 26	11 29 50	24° 9'23	14°43	25°28	27°47	26°17	17°53	21° 7	18° 4	18°10	17°50	11° 3	9°47	23°18	n.a.	S 26
M27	11 33 47	25° 7'19	28°47	24°50	29° 0	26°41	18° 2	21° 9	18° 4	18°10	17°51	11°D 3	9°44	23°25	n.a.	M27
T 28	11 37 44	26° 5'15	12♑36	24°12	0♈14	27° 6	18°12	21°12	18° 3	18° 9	17°52	11° 3	9°41	23°32	n.a.	T 28
W29	11 41 40	27° 3'08	26°11	23°34	1°28	27°31	18°21	21°15	18° 3	18° 8	17°54	11° 5	9°38	23°38	n.a.	W29
T 30	11 45 37	28° 1'01	9♒31	22°57	2°42	27°56	18°30	21°17	18° 2	18° 7	17°55	11°R 5	9°34	23°45	n.a.	T 30
F 31	11 49 33	28♓58'52	22♒39	22♓22	3♈56	28♊22	18♑39	21♊20	18♋ 2	18♏ 6	17♒56	11♌ 5	9♌31	23♉52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	11s43	20s34	2n19	3s10	1n48	14s 4	1s25	26n14	2n59	23s43	0s35	23n31	0n 1	23n10	0n39	16s 1	1n36	30s53	15s50	17n30	17n43	13n16		n.a.	
T 2	11 22	19 29	1 8	2 27	2 0	13 37	1 24	26 14	2 57	23 42	0 35	23 31	0 2	23 10	0 39	16 1	1 36	30 53	15 50	17 30	17 44	13 18		n.a.	
F 3	11 0	17 17	0s 6	1 45	2 10	13 11	1 24	26 14	2 56	23 41	0 35	23 31	0 2	23 10	0 39	16 1	1 36	30 52	15 50	17 30	17 45	13 20		n.a.	
S 4	10 39	14 10	1 19	1 6	2 21	12 44	1 24	26 14	2 55	23 40	0 36	23 31	0 2	23 11	0 39	16 1	1 37	30 52	15 50	17 30	17 46	13 22		n.a.	
S 5	10 17	10 25	2 26	0 29	2 30	12 16	1 23	26 14	2 53	23 39	0 36	23 32	0 2	23 11	0 39	16 1	1 37	30 52	15 50	17 31	17 47	13 24		n.a.	
M 6	9 56	6 15	3 24	0n 4	2 39	11 49	1 23	26 14	2 52	23 38	0 36	23 32	0 2	23 11	0 39	16 1	1 37	30 51	15 50	17 31	17 48	13 26		n.a.	
T 7	9 34	1 53	4 11	0 35	2 47	11 21	1 22	26 14	2 50	23 37	0 36	23 32	0 2	23 11	0 39	16 1	1 37	30 51	15 50	17 32	17 49	13 28		n.a.	
W 8	9 12	2n27	4 45	1 3	2 55	10 53	1 22	26 14	2 49	23 36	0 36	23 32	0 2	23 11	0 39	16 1	1 37	30 51	15 51	17 34	17 50	13 30		n.a.	
T 9	8 50	6 38	5 6	1 27	3 1	10 24	1 21	26 14	2 48	23 35	0 36	23 32	0 2	23 11	0 39	16 1	1 37	30 50	15 51	17 35	17 50	13 32		n.a.	
F 10	8 28	10 30	5 13	1 48	3 6	9 55	1 20	26 14	2 46	23 34	0 37	23 32	0 2	23 12	0 39	16 1	1 37	30 50	15 51	17 36	17 51	13 34		n.a.	
S 11	8 5	13 55	5 7	2 5	3 11	9 26	1 19	26 14	2 45	23 33	0 37	23 32	0 2	23 12	0 39	16 1	1 37	30 50	15 51	17 36	17 52	13 35		n.a.	
S 12	7 43	16 47	4 47	2 19	3 14	8 57	1 19	26 15	2 43	23 32	0 37	23 33	0 3	23 12	0 39	16 0	1 37	30 49	15 51	17 37	17 53	13 37		n.a.	
M13	7 21	18 57	4 15	2 30	3 16	8 28	1 18	26 15	2 42	23 31	0 37	23 33	0 3	23 12	0 39	16 0	1 37	30 49	15 51	17 37	17 54	13 39		n.a.	
T 14	6 58	20 18	3 32	2 37	3 17	7 58	1 17	26 15	2 41	23 29	0 37	23 33	0 3	23 12	0 39	16 0	1 37	30 49	15 51	17 36	17 55	13 41		n.a.	
W15	6 35	20 43	2 38	2 40	3 17	7 28	1 16	26 15	2 39	23 28	0 38	23 33	0 3	23 12	0 39	16 0	1 37	30 48	15 52	17 36	17 56	13 43		n.a.	
T 16	6 12	20 7	1 35	2 40	3 15	6 58	1 14	26 14	2 38	23 27	0 38	23 33	0 3	23 13	0 39	16 0	1 37	30 48	15 52	17 35	17 57	13 45		n.a.	
F 17	5 50	18 28	0 26	2 36	3 12	6 28	1 13	26 14	2 37	23 26	0 38	23 33	0 3	23 13	0 39	16 0	1 37	30 48	15 52	17 35	17 57	13 47		n.a.	
S 18	5 27	15 46	0n46	2 29	3 8	5 57	1 12	26 14	2 35	23 25	0 38	23 34	0 3	23 13	0 39	16 0	1 37	30 47	15 52	17 35	17 58	13 49		n.a.	
S 19	5 4	12 8	1 58	2 18	3 2	5 27	1 11	26 14	2 34	23 24	0 38	23 34	0 3	23 13	0 39	15 59	1 37	30 47	15 52	17 36	17 59	13 50		n.a.	
M20	4 41	7 44	3 4	2 4	2 54	4 56	1 10	26 14	2 33	23 23	0 39	23 34	0 3	23 13	0 39	15 59	1 37	30 47	15 52	17 37	18 0	13 52		n.a.	
T 21	4 18	2 49	4 0	1 48	2 46	4 25	1 8	26 14	2 32	23 22	0 39	23 34	0 3	23 13	0 39	15 59	1 37	30 47	15 53	17 38	18 1	13 54		n.a.	
W22	3 54	2s19	4 42	1 28	2 36	3 54	1 7	26 14	2 30	23 21	0 39	23 35	0 4	23 13	0 39	15 59	1 37	30 46	15 53	17 40	18 2	13 56		n.a.	
T 23	3 31	7 21	5 5	1 5	2 25	3 23	1 5	26 13	2 29	23 20	0 39	23 35	0 4	23 13	0 39	15 58	1 37	30 46	15 53	17 41	18 3	13 58		n.a.	
F 24	3 8	11 57	5 9	0 41	2 13	2 52	1 4	26 13	2 28	23 19	0 40	23 35	0 4	23 13	0 39	15 58	1 37	30 46	15 53	17 43	18 4	14 0		n.a.	
S 25	2 45	15 48	4 52	0 14	1 59	2 21	1 2	26 12	2 27	23 17	0 40	23 35	0 4	23 13	0 39	15 58	1 37	30 46	15 53	17 44	18 4	14 2		n.a.	
S 26	2 21	18 40	4 18	0s14	1 45	1 49	1 1	26 12	2 25	23 16	0 40	23 35	0 4	23 13	0 39	15 58	1 37	30 45	15 54	17 44	18 5	14 4		n.a.	
M27	1 58	20 21	3 29	0 43	1 30	1 18	0 59	26 11	2 24	23 15	0 40	23 36	0 4	23 13	0 39	15 57	1 37	30 45	15 54	17 44	18 6	14 5		n.a.	
T 28	1 35	20 46	2 28	1 13	1 14	0 47	0 57	26 11	2 23	23 14	0 40	23 36	0 4	23 14	0 38	15 57	1 38	30 45	15 54	17 44	18 7	14 7		n.a.	
W29	1 11	19 57	1 20	1 43	0 58	0 15	0 55	26 10	2 22	23 13	0 41	23 36	0 4	23 14	0 38	15 57	1 38	30 45	15 54	17 44	18 8	14 9		n.a.	
T 30	0 48	18 1	0 8	2 13	0 41	0n16	0 54	26 9	2 21	23 12	0 41	23 37	0 4	23 14	0 38	15 57	1 38	30 45	15 55	17 44	18 9	14 11		n.a.	
F 31	0s25	15s10	1s 2	2s42	0n24	0n48	0s52	26n 8	2n19	23s11	0s41	23n37	0n 4	23n14	0n38	15s56	1n38	30s44	15s55	17n44	18n10	14n13		n.a.	

Julian Day Number = 1302540.5, Delta T = 07h49m01s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'21, Lahiri = -19°47'20 Julian Calendar 1 March 1147 BCE == Greg. Calendar 18 Feb. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

APRIL 1147 BCE (-1146) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 30	29♓56'41	5♓34	21°R49	5♈10	28♊47	18♑47	21♊23	18°R 2	18°R 5	17♒57	11°R 2	9♌28	23♉59	n.a.	S 1
S 2	11 57 26	0♈54'29	18°18	21♓19	6°23	29°13	18°56	21°26	18♋ 1	18♏ 4	17°58	10♌57	9°25	24° 5	n.a.	S 2
M 3	12 1 23	1°52'15	0♈51	20°52	7°37	29°40	19° 5	21°29	18° 1	18° 3	18° 0	10°50	9°22	24°12	n.a.	M 3
T 4	12 5 19	2°50'00	13°14	20°28	8°51	0♋ 6	19°13	21°33	18° 1	18° 2	18° 1	10°41	9°18	24°19	n.a.	T 4
W 5	12 9 16	3°47'43	25°27	20° 9	10° 5	0°33	19°21	21°36	18° 1	18° 1	18° 2	10°31	9°15	24°25	n.a.	W 5
T 6	12 13 12	4°45'25	7♉30	19°53	11°18	1° 0	19°30	21°39	18°D 1	18° 0	18° 3	10°21	9°12	24°32	n.a.	T 6
F 7	12 17 9	5°43'05	19°27	19°42	12°32	1°27	19°38	21°43	18° 1	17°59	18° 4	10°12	9° 9	24°39	n.a.	F 7
S 8	12 21 6	6°40'43	1♊19	19°36	13°46	1°54	19°45	21°46	18° 1	17°58	18° 5	10° 5	9° 6	24°46	n.a.	S 8
S 9	12 25 2	7°38'20	13°10	19°D34	15° 0	2°22	19°53	21°50	18° 1	17°57	18° 6	10° 0	9° 3	24°52	n.a.	S 9
M10	12 28 59	8°35'55	25° 4	19°36	16°13	2°50	20° 1	21°54	18° 1	17°56	18° 7	9°57	8°59	24°59	n.a.	M10
T 11	12 32 55	9°33'29	7♋ 5	19°43	17°27	3°18	20° 8	21°58	18° 2	17°55	18° 8	9°D56	8°56	25° 6	n.a.	T 11
W12	12 36 52	10°31'01	19°19	19°55	18°41	3°46	20°15	22° 2	18° 2	17°54	18° 9	9°56	8°53	25°12	n.a.	W12
T 13	12 40 48	11°28'31	1♌50	20°11	19°54	4°14	20°23	22° 6	18° 2	17°52	18°10	9°57	8°50	25°19	n.a.	T 13
F 14	12 44 45	12°26'00	14°44	20°31	21° 8	4°43	20°30	22°10	18° 3	17°51	18°11	9°R57	8°47	25°26	n.a.	F 14
S 15	12 48 41	13°23'27	28° 3	20°56	22°22	5°12	20°36	22°14	18° 3	17°50	18°12	9°55	8°44	25°33	n.a.	S 15
S 16	12 52 38	14°20'53	11♍51	21°25	23°35	5°41	20°43	22°18	18° 4	17°49	18°13	9°52	8°40	25°39	n.a.	S 16
M17	12 56 35	15°18'17	26° 5	21°59	24°49	6°10	20°50	22°23	18° 4	17°47	18°14	9°46	8°37	25°46	n.a.	M17
T 18	13 0 31	16°15'40	10♎43	22°36	26° 3	6°39	20°56	22°27	18° 5	17°46	18°15	9°38	8°34	25°53	n.a.	T 18
W19	13 4 28	17°13'02	25°38	23°17	27°16	7° 8	21° 2	22°32	18° 5	17°45	18°16	9°28	8°31	26° 0	n.a.	W19
T 20	13 8 24	18°10'23	10♏41	24° 2	28°30	7°38	21° 8	22°36	18° 6	17°43	18°17	9°18	8°28	26° 6	n.a.	T 20
F 21	13 12 21	19° 7'43	25°42	24°50	29°43	8° 8	21°14	22°41	18° 7	17°42	18°18	9° 9	8°24	26°13	n.a.	F 21
S 22	13 16 17	20° 5'02	10♐32	25°43	0♉57	8°38	21°20	22°46	18° 8	17°41	18°18	9° 2	8°21	26°20	n.a.	S 22
S 23	13 20 14	21° 2'21	25° 5	26°38	2°10	9° 8	21°26	22°51	18° 9	17°39	18°19	8°58	8°18	26°26	n.a.	S 23
M24	13 24 10	21°59'39	9♑16	27°37	3°24	9°38	21°31	22°56	18° 9	17°38	18°20	8°56	8°15	26°33	n.a.	M24
T 25	13 28 7	22°56'56	23° 5	28°40	4°37	10° 9	21°36	23° 1	18°10	17°36	18°21	8°D55	8°12	26°40	n.a.	T 25
W26	13 32 4	23°54'12	6♒33	29°45	5°51	10°40	21°42	23° 6	18°11	17°35	18°22	8°R55	8° 9	26°47	n.a.	W26
T 27	13 36 0	24°51'28	19°41	0♈54	7° 4	11°10	21°47	23°11	18°13	17°34	18°22	8°55	8° 5	26°53	n.a.	T 27
F 28	13 39 57	25°48'43	2♓33	2° 6	8°18	11°41	21°51	23°16	18°14	17°32	18°23	8°53	8° 2	27° 0	n.a.	F 28
S 29	13 43 53	26°45'58	15°12	3°21	9°31	12°12	21°56	23°22	18°15	17°31	18°24	8°49	7°59	27° 7	n.a.	S 29
S 30	13 47 50	27♈43'12	27♓40	4♈39	10♉45	12♋44	22♑ 0	23♊27	18♋16	17♏29	18♒24	8♌41	7♌56	27♉13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 1	11s36	2s 8	3s11	0n 7	1n19	0s50	26n 8	2n18	23s10	0s41	23n37	0n 4	23n14	0n38	15s56	1n38	30s44	15s55	17n45	18n10	14n15		n.a.
S 2	0n22	7 33	3 6	3 38	0s 9	1 51	0 48	26 7	2 17	23 9	0 42	23 37	0 5	23 14	0 38	15 56	1 38	30 44	15 55	17 46	18 11	14 17		n.a.
M 3	0 45	3 14	3 55	4 4	0 26	2 22	0 46	26 6	2 16	23 8	0 42	23 38	0 5	23 14	0 38	15 56	1 38	30 44	15 56	17 48	18 12	14 18		n.a.
T 4	1 9	1n 9	4 31	4 28	0 42	2 53	0 44	26 4	2 15	23 7	0 42	23 38	0 5	23 14	0 38	15 55	1 38	30 44	15 56	17 50	18 13	14 20		n.a.
W 5	1 32	5 26	4 55	4 50	0 57	3 25	0 42	26 3	2 13	23 6	0 42	23 38	0 5	23 14	0 38	15 55	1 38	30 44	15 56	17 53	18 14	14 22		n.a.
T 6	1 55	9 26	5 5	5 10	1 12	3 56	0 40	26 2	2 12	23 5	0 42	23 39	0 5	23 14	0 38	15 55	1 38	30 43	15 56	17 56	18 15	14 24		n.a.
F 7	2 18	13 3	5 1	5 27	1 26	4 27	0 38	26 1	2 11	23 4	0 43	23 39	0 5	23 14	0 38	15 54	1 38	30 43	15 57	17 58	18 16	14 26		n.a.
S 8	2 42	16 7	4 45	5 42	1 39	4 58	0 36	25 59	2 10	23 3	0 43	23 39	0 5	23 14	0 38	15 54	1 38	30 43	15 57	18 0	18 16	14 28		n.a.
S 9	3 5	18 31	4 16	5 54	1 52	5 29	0 34	25 57	2 9	23 2	0 43	23 40	0 5	23 13	0 38	15 54	1 38	30 43	15 57	18 2	18 17	14 30		n.a.
M10	3 28	20 8	3 36	6 4	2 3	6 0	0 31	25 56	2 8	23 2	0 43	23 40	0 5	23 13	0 38	15 53	1 38	30 43	15 57	18 3	18 18	14 31		n.a.
T 11	3 51	20 52	2 46	6 11	2 14	6 31	0 29	25 54	2 7	23 1	0 44	23 40	0 5	23 13	0 38	15 53	1 38	30 43	15 58	18 3	18 19	14 33		n.a.
W12	4 14	20 38	1 48	6 15	2 24	7 1	0 27	25 52	2 6	23 0	0 44	23 41	0 5	23 13	0 38	15 53	1 38	30 43	15 58	18 3	18 20	14 35		n.a.
T 13	4 37	19 22	0 43	6 17	2 33	7 32	0 25	25 50	2 5	22 59	0 44	23 41	0 5	23 13	0 38	15 52	1 38	30 43	15 58	18 3	18 21	14 37		n.a.
F 14	4 59	17 5	0n26	6 16	2 41	8 2	0 22	25 48	2 3	22 58	0 44	23 41	0 6	23 13	0 38	15 52	1 38	30 43	15 59	18 3	18 22	14 39		n.a.
S 15	5 22	13 50	1 35	6 13	2 48	8 32	0 20	25 46	2 2	22 57	0 45	23 42	0 6	23 13	0 38	15 51	1 38	30 43	15 59	18 3	18 22	14 41		n.a.
S 16	5 45	9 43	2 41	6 7	2 54	9 2	0 18	25 44	2 1	22 57	0 45	23 42	0 6	23 13	0 38	15 51	1 38	30 43	15 59	18 4	18 23	14 42		n.a.
M17	6 7	4 56	3 40	5 58	2 59	9 31	0 15	25 41	2 0	22 56	0 45	23 42	0 6	23 13	0 38	15 51	1 38	30 43	16 0	18 6	18 24	14 44		n.a.
T 18	6 30	0s15	4 25	5 47	3 4	10 1	0 13	25 39	1 59	22 55	0 45	23 43	0 6	23 13	0 38	15 50	1 38	30 43	16 0	18 8	18 25	14 46		n.a.
W19	6 52	5 31	4 54	5 34	3 7	10 30	0 11	25 36	1 58	22 54	0 46	23 43	0 6	23 13	0 38	15 50	1 38	30 43	16 0	18 10	18 26	14 48		n.a.
T 20	7 14	10 29	5 2	5 18	3 10	10 59	0 8	25 33	1 57	22 54	0 46	23 43	0 6	23 12	0 38	15 49	1 38	30 43	16 0	18 13	18 27	14 50		n.a.
F 21	7 36	14 48	4 50	5 1	3 12	11 28	0 6	25 30	1 56	22 53	0 46	23 44	0 6	23 12	0 38	15 49	1 38	30 43	16 1	18 15	18 27	14 52		n.a.
S 22	7 59	18 8	4 18	4 40	3 13	11 56	0 4	25 27	1 55	22 52	0 46	23 44	0 6	23 12	0 38	15 49	1 38	30 43	16 1	18 17	18 28	14 53		n.a.
S 23	8 20	20 14	3 30	4 18	3 13	12 24	0 1	25 24	1 54	22 52	0 47	23 44	0 6	23 12	0 38	15 48	1 38	30 43	16 1	18 19	18 29	14 55		n.a.
M24	8 42	21 0	2 30	3 54	3 13	12 52	0n 1	25 21	1 53	22 51	0 47	23 45	0 6	23 12	0 38	15 48	1 38	30 43	16 2	18 19	18 30	14 57		n.a.
T 25	9 4	20 27	1 23	3 28	3 11	13 20	0 4	25 18	1 52	22 50	0 47	23 45	0 7	23 12	0 38	15 47	1 38	30 43	16 2	18 19	18 31	14 59		n.a.
W26	9 25	18 44	0 13	2 59	3 9	13 47	0 6	25 14	1 51	22 50	0 48	23 45	0 7	23 12	0 38	15 47	1 38	30 43	16 2	18 19	18 32	15 1		n.a.
T 27	9 47	16 3	0s57	2 29	3 7	14 14	0 9	25 11	1 50	22 49	0 48	23 46	0 7	23 11	0 38	15 47	1 38	30 43	16 3	18 19	18 32	15 2		n.a.
F 28	10 8	12 37	2 2	1 57	3 3	14 41	0 11	25 7	1 49	22 49	0 48	23 46	0 7	23 11	0 38	15 46	1 38	30 43	16 3	18 20	18 33	15 4		n.a.
S 29	10 29	8 40	2 59	1 23	2 59	15 7	0 14	25 3	1 48	22 48	0 48	23 46	0 7	23 11	0 38	15 46	1 38	30 43	16 3	18 21	18 34	15 6		n.a.
S 30	10n50	4s25	3s47	0s47	2s55	15n33	0n16	24n59	1n47	22s48	0s49	23n47	0n 7	23n11	0n38	15s45	1n38	30s43	16s 4	18n23	18n35	15n 8		n.a.

Julian Day Number = 1302571.5, Delta T = 07h48m59s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'16, Lahiri = -19°47'16 Julian Calendar 1 Apr. 1147 BCE == Greg. Calendar 21 March 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

MAY 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 51 46	28♈40'25	9♈58	5♈59	11♉58	13♋15	22♑ 5	23♊32	18♋17	17°R28	18♒25	8°R31	7♌53	27♉20	n.a.	M 1
T 2	13 55 43	29°37'38	22° 8	7°23	13°12	13°47	22° 9	23°38	18°19	17♏26	18°26	8♌19	7°49	27°27	n.a.	T 2
W 3	13 59 39	0♉34'50	4♉11	8°50	14°25	14°18	22°13	23°43	18°20	17°25	18°26	8° 6	7°46	27°34	n.a.	W 3
T 4	14 3 36	1°32'01	16° 9	10°19	15°39	14°50	22°16	23°49	18°22	17°23	18°27	7°52	7°43	27°40	n.a.	T 4
F 5	14 7 33	2°29'12	28° 2	11°51	16°52	15°22	22°20	23°55	18°23	17°21	18°28	7°39	7°40	27°47	n.a.	F 5
S 6	14 11 29	3°26'22	9♊52	13°27	18° 6	15°54	22°23	24° 0	18°25	17°20	18°28	7°29	7°37	27°54	n.a.	S 6
S 7	14 15 26	4°23'31	21°42	15° 4	19°19	16°26	22°27	24° 6	18°26	17°18	18°29	7°20	7°34	28° 0	n.a.	S 7
M 8	14 19 22	5°20'40	3♋36	16°45	20°32	16°59	22°30	24°12	18°28	17°17	18°29	7°15	7°30	28° 7	n.a.	M 8
T 9	14 23 19	6°17'48	15°36	18°29	21°46	17°31	22°32	24°18	18°29	17°15	18°30	7°12	7°27	28°14	n.a.	T 9
W10	14 27 15	7°14'55	27°48	20°15	22°59	18° 4	22°35	24°24	18°31	17°14	18°30	7°11	7°24	28°21	n.a.	W10
T 11	14 31 12	8°12'01	10♌16	22° 3	24°13	18°37	22°37	24°30	18°33	17°12	18°31	7°11	7°21	28°27	n.a.	T 11
F 12	14 35 9	9° 9'07	23° 6	23°55	25°26	19°10	22°40	24°36	18°35	17°10	18°31	7°11	7°18	28°34	n.a.	F 12
S 13	14 39 5	10° 6'12	6♍22	25°49	26°39	19°43	22°42	24°42	18°37	17° 9	18°31	7° 9	7°15	28°41	n.a.	S 13
S 14	14 43 2	11° 3'16	20° 7	27°45	27°53	20°16	22°44	24°49	18°39	17° 7	18°32	7° 5	7°11	28°47	n.a.	S 14
M15	14 46 58	12° 0'20	4♎22	29°43	29° 6	20°49	22°45	24°55	18°41	17° 6	18°32	6°59	7° 8	28°54	n.a.	M15
T 16	14 50 55	12°57'24	19° 4	1♉44	0♊19	21°22	22°47	25° 1	18°43	17° 4	18°32	6°50	7° 5	29° 1	n.a.	T 16
W17	14 54 51	13°54'27	4♏ 8	3°47	1°32	21°56	22°48	25° 8	18°45	17° 2	18°33	6°40	7° 2	29° 8	n.a.	W17
T 18	14 58 48	14°51'30	19°23	5°52	2°46	22°30	22°49	25°14	18°47	17° 1	18°33	6°29	6°59	29°14	n.a.	T 18
F 19	15 2 44	15°48'33	4♐40	7°58	3°59	23° 3	22°50	25°21	18°49	16°59	18°33	6°20	6°55	29°21	n.a.	F 19
S 20	15 6 41	16°45'35	19°46	10° 6	5°12	23°37	22°51	25°27	18°51	16°58	18°34	6°12	6°52	29°28	n.a.	S 20
S 21	15 10 38	17°42'38	4♑34	12°14	6°25	24°11	22°52	25°34	18°53	16°56	18°34	6° 7	6°49	29°34	n.a.	S 21
M22	15 14 34	18°39'42	18°57	14°24	7°39	24°45	22°52	25°40	18°55	16°54	18°34	6° 4	6°46	29°41	n.a.	M22
T 23	15 18 31	19°36'45	2♒54	16°34	8°52	25°19	22°R52	25°47	18°58	16°53	18°34	6°D 3	6°43	29°48	n.a.	T 23
W24	15 22 27	20°33'49	16°24	18°44	10° 5	25°54	22°52	25°54	19° 0	16°51	18°34	6°R 3	6°40	29°55	n.a.	W24
T 25	15 26 24	21°30'53	29°31	20°55	11°18	26°28	22°52	26° 1	19° 3	16°50	18°34	6° 3	6°36	0♊ 1	n.a.	T 25
F 26	15 30 20	22°27'57	12♓17	23° 5	12°32	27° 3	22°52	26° 7	19° 5	16°48	18°35	6° 1	6°33	0° 8	n.a.	F 26
S 27	15 34 17	23°25'01	24°47	25°15	13°45	27°37	22°51	26°14	19° 7	16°46	18°35	5°58	6°30	0°15	n.a.	S 27
S 28	15 38 13	24°22'06	7♈ 5	27°24	14°58	28°12	22°50	26°21	19°10	16°45	18°35	5°51	6°27	0°21	n.a.	S 28
M29	15 42 10	25°19'12	19°13	29°31	16°11	28°47	22°49	26°28	19°12	16°43	18°35	5°42	6°24	0°28	n.a.	M29
T 30	15 46 7	26°16'18	1♉14	1♊38	17°24	29°22	22°48	26°35	19°15	16°42	18°R35	5°31	6°20	0°35	n.a.	T 30
W31	15 50 3	27♉13'24	13♉10	3♊44	18♊37	29♋57	22♑47	26♊42	19♋18	16♏40	18♒35	5♌19	6♌17	0♊42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n11	0s 2	4s24	0s10	2s49	15n58	0n18	24n55	1n46	22s47	0s49	23n47	0n 7	23n11	0n38	15s45	1n38	30s43	16s 4	18n26	18n36	15n10		n.a.
T 2	11 31	4n18	4 48	0n29	2 43	16 23	0 21	24 51	1 45	22 47	0 49	23 48	0 7	23 10	0 38	15 44	1 38	30 43	16 5	18 29	18 37	15 11		n.a.
W 3	11 52	8 26	4 59	1 9	2 37	16 48	0 23	24 46	1 44	22 47	0 49	23 48	0 7	23 10	0 37	15 44	1 38	30 44	16 5	18 32	18 37	15 13		n.a.
T 4	12 12	12 12	4 57	1 52	2 30	17 12	0 26	24 42	1 43	22 46	0 50	23 48	0 7	23 10	0 37	15 44	1 38	30 44	16 5	18 36	18 38	15 15		n.a.
F 5	12 32	15 28	4 41	2 35	2 22	17 36	0 28	24 37	1 42	22 46	0 50	23 49	0 7	23 10	0 37	15 43	1 38	30 44	16 6	18 39	18 39	15 17		n.a.
S 6	12 52	18 6	4 14	3 20	2 14	17 59	0 31	24 32	1 41	22 46	0 50	23 49	0 7	23 10	0 37	15 43	1 38	30 44	16 6	18 42	18 40	15 19		n.a.
S 7	13 11	19 59	3 36	4 6	2 6	18 22	0 33	24 27	1 40	22 45	0 51	23 49	0 8	23 9	0 37	15 42	1 38	30 44	16 6	18 44	18 41	15 20		n.a.
M 8	13 31	20 59	2 48	4 54	1 57	18 44	0 35	24 22	1 39	22 45	0 51	23 50	0 8	23 9	0 37	15 42	1 38	30 44	16 7	18 46	18 42	15 22		n.a.
T 9	13 50	21 3	1 52	5 43	1 47	19 6	0 38	24 17	1 38	22 45	0 51	23 50	0 8	23 9	0 37	15 41	1 38	30 44	16 7	18 46	18 42	15 24		n.a.
W10	14 9	20 8	0 49	6 32	1 37	19 28	0 40	24 12	1 37	22 45	0 51	23 50	0 8	23 8	0 37	15 41	1 38	30 45	16 7	18 47	18 43	15 26		n.a.
T 11	14 28	18 13	0n16	7 23	1 27	19 49	0 42	24 6	1 36	22 45	0 52	23 51	0 8	23 8	0 37	15 40	1 38	30 45	16 8	18 47	18 44	15 27		n.a.
F 12	14 47	15 21	1 23	8 14	1 17	20 9	0 44	24 0	1 35	22 45	0 52	23 51	0 8	23 8	0 37	15 40	1 38	30 45	16 8	18 47	18 45	15 29		n.a.
S 13	15 5	11 36	2 28	9 7	1 6	20 29	0 47	23 55	1 34	22 45	0 52	23 51	0 8	23 8	0 37	15 39	1 38	30 45	16 9	18 47	18 46	15 31		n.a.
S 14	15 23	7 7	3 26	9 59	0 55	20 48	0 49	23 49	1 34	22 45	0 53	23 52	0 8	23 7	0 37	15 39	1 38	30 45	16 9	18 48	18 47	15 33		n.a.
M15	15 41	2 7	4 14	10 52	0 44	21 7	0 51	23 43	1 33	22 45	0 53	23 52	0 8	23 7	0 37	15 39	1 38	30 46	16 9	18 50	18 47	15 35		n.a.
T 16	15 59	3s10	4 47	11 45	0 33	21 25	0 53	23 37	1 32	22 45	0 53	23 52	0 8	23 7	0 37	15 38	1 38	30 46	16 10	18 52	18 48	15 36		n.a.
W17	16 16	8 24	5 0	12 39	0 22	21 43	0 55	23 30	1 31	22 45	0 53	23 53	0 8	23 6	0 37	15 38	1 38	30 46	16 10	18 55	18 49	15 38		n.a.
T 18	16 33	13 10	4 53	13 31	0 11	22 0	0 58	23 24	1 30	22 45	0 54	23 53	0 8	23 6	0 37	15 37	1 38	30 46	16 10	18 57	18 50	15 40		n.a.
F 19	16 50	17 4	4 25	14 24	0n 0	22 16	1 0	23 17	1 29	22 45	0 54	23 53	0 8	23 6	0 37	15 37	1 38	30 47	16 11	19 0	18 51	15 42		n.a.
S 20	17 7	19 48	3 39	15 15	0 11	22 32	1 2	23 10	1 28	22 45	0 54	23 54	0 9	23 5	0 37	15 36	1 38	30 47	16 11	19 2	18 51	15 43		n.a.
S 21	17 23	21 7	2 38	16 6	0 22	22 47	1 4	23 3	1 27	22 45	0 55	23 54	0 9	23 5	0 37	15 36	1 38	30 47	16 12	19 3	18 52	15 45		n.a.
M22	17 40	21 0	1 29	16 56	0 32	23 1	1 6	22 56	1 26	22 45	0 55	23 54	0 9	23 5	0 37	15 35	1 38	30 48	16 12	19 4	18 53	15 47		n.a.
T 23	17 55	19 34	0 17	17 43	0 42	23 15	1 8	22 49	1 25	22 46	0 55	23 54	0 9	23 4	0 37	15 35	1 38	30 48	16 12	19 4	18 54	15 49		n.a.
W24	18 11	17 3	0s55	18 30	0 51	23 28	1 9	22 42	1 24	22 46	0 56	23 55	0 9	23 4	0 37	15 34	1 38	30 48	16 13	19 4	18 55	15 50		n.a.
T 25	18 26	13 43	2 1	19 14	1 0	23 41	1 11	22 34	1 23	22 46	0 56	23 55	0 9	23 4	0 37	15 34	1 38	30 48	16 13	19 4	18 55	15 52		n.a.
F 26	18 41	9 49	3 0	19 56	1 8	23 52	1 13	22 26	1 23	22 47	0 56	23 55	0 9	23 3	0 37	15 34	1 38	30 49	16 13	19 4	18 56	15 54		n.a.
S 27	18 56	5 35	3 48	20 37	1 16	24 3	1 15	22 19	1 22	22 47	0 56	23 56	0 9	23 3	0 37	15 33	1 38	30 49	16 14	19 5	18 57	15 56		n.a.
S 28	19 10	1 11	4 25	21 14	1 23	24 14	1 16	22 11	1 21	22 48	0 57	23 56	0 9	23 3	0 37	15 33	1 38	30 49	16 14	19 7	18 58	15 57		n.a.
M29	19 24	3n11	4 50	21 50	1 29	24 24	1 18	22 3	1 20	22 48	0 57	23 56	0 9	23 2	0 37	15 32	1 38	30 50	16 15	19 9	18 59	15 59		n.a.
T 30	19 38	7 24	5 1	22 22	1 35	24 33	1 20	21 54	1 19	22 48	0 57	23 56	0 9	23 2	0 37	15 32	1 38	30 50	16 15	19 12	19 0	16 1		n.a.
W31	19n51	11n18	4s59	22n52	1n40	24n41	1n21	21n46	1n18	22s49	0s58	23n57	0n 9	23n 1	0n37	15s31	1n38	30s50	16s15	19n15	19n 0	16n 3		n.a.

Julian Day Number = 1302601.5, Delta T = 07h48m57s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'12, Lahiri = -19°47'12 Julian Calendar 1 May 1147 BCE == Greg. Calendar 20 Apr. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

JUNE 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 0	28♉10'30	25♉ 3	5♊48	19♊50	0♌32	22°R45	26♊49	19♋20	16°R38	18°R35	5°R 7	6♌14	0♊48	n.a.	T 1
F 2	15 57 56	29° 7'37	6♊54	7°50	21° 4	1° 7	22♏43	26°56	19°23	16♏37	18♒35	4♌55	6°11	0°55	n.a.	F 2
S 3	16 1 53	0♊ 4'45	18°44	9°51	22°17	1°42	22°42	27° 3	19°26	16°35	18°35	4°46	6° 8	1° 2	n.a.	S 3
S 4	16 5 49	1° 1'52	0♋37	11°50	23°30	2°18	22°39	27°10	19°29	16°34	18°34	4°38	6° 5	1° 8	n.a.	S 4
M 5	16 9 46	1°59'00	12°33	13°48	24°43	2°53	22°37	27°18	19°31	16°32	18°34	4°33	6° 1	1°15	n.a.	M 5
T 6	16 13 43	2°56'08	24°37	15°44	25°56	3°29	22°35	27°25	19°34	16°31	18°34	4°31	5°58	1°22	n.a.	T 6
W 7	16 17 39	3°53'17	6♌51	17°38	27° 9	4° 5	22°32	27°32	19°37	16°29	18°34	4°D31	5°55	1°29	n.a.	W 7
T 8	16 21 36	4°50'26	19°21	19°30	28°22	4°41	22°29	27°39	19°40	16°28	18°34	4°31	5°52	1°35	n.a.	T 8
F 9	16 25 32	5°47'35	2♍ 9	21°20	29°35	5°17	22°26	27°47	19°43	16°26	18°34	4°R32	5°49	1°42	n.a.	F 9
S 10	16 29 29	6°44'44	15°21	23° 8	0♋48	5°53	22°23	27°54	19°46	16°25	18°33	4°31	5°46	1°49	n.a.	S 10
S 11	16 33 25	7°41'53	28°59	24°55	2° 1	6°29	22°19	28° 1	19°49	16°23	18°33	4°30	5°42	1°55	n.a.	S 11
M12	16 37 22	8°39'03	13♎ 6	26°40	3°14	7° 5	22°16	28° 9	19°52	16°22	18°33	4°26	5°39	2° 2	n.a.	M12
T 13	16 41 18	9°36'14	27°40	28°23	4°27	7°41	22°12	28°16	19°55	16°20	18°33	4°20	5°36	2° 9	n.a.	T 13
W14	16 45 15	10°33'25	12♏37	0♋ 4	5°40	8°18	22° 8	28°24	19°58	16°19	18°32	4°12	5°33	2°15	n.a.	W14
T 15	16 49 12	11°30'36	27°49	1°43	6°53	8°54	22° 4	28°31	20° 1	16°17	18°32	4° 4	5°30	2°22	n.a.	T 15
F 16	16 53 8	12°27'49	13♐ 7	3°21	8° 6	9°31	21°59	28°38	20° 4	16°16	18°32	3°57	5°26	2°29	n.a.	F 16
S 17	16 57 5	13°25'02	28°18	4°56	9°18	10° 8	21°55	28°46	20° 8	16°14	18°31	3°52	5°23	2°36	n.a.	S 17
S 18	17 1 1	14°22'16	13♑14	6°30	10°31	10°44	21°50	28°53	20°11	16°13	18°31	3°48	5°20	2°42	n.a.	S 18
M19	17 4 58	15°19'31	27°46	8° 2	11°44	11°21	21°46	29° 1	20°14	16°12	18°30	3°D46	5°17	2°49	n.a.	M19
T 20	17 8 54	16°16'48	11♒52	9°33	12°57	11°58	21°41	29° 9	20°17	16°10	18°30	3°46	5°14	2°56	n.a.	T 20
W21	17 12 51	17°14'05	25°30	11° 1	14°10	12°35	21°36	29°16	20°21	16° 9	18°30	3°47	5°11	3° 2	n.a.	W21
T 22	17 16 48	18°11'24	8♓41	12°27	15°23	13°12	21°30	29°24	20°24	16° 8	18°29	3°49	5° 7	3° 9	n.a.	T 22
F 23	17 20 44	19° 8'44	21°29	13°52	16°35	13°50	21°25	29°31	20°27	16° 6	18°29	3°R49	5° 4	3°16	n.a.	F 23
S 24	17 24 41	20° 6'05	3♈59	15°15	17°48	14°27	21°19	29°39	20°31	16° 5	18°28	3°48	5° 1	3°23	n.a.	S 24
S 25	17 28 37	21° 3'27	16°13	16°35	19° 1	15° 4	21°14	29°46	20°34	16° 4	18°27	3°45	4°58	3°29	n.a.	S 25
M26	17 32 34	22° 0'51	28°16	17°54	20°13	15°42	21° 8	29°54	20°37	16° 3	18°27	3°40	4°55	3°36	n.a.	M26
T 27	17 36 30	22°58'17	10♉12	19°11	21°26	16°19	21° 2	0♋ 2	20°41	16° 1	18°26	3°34	4°52	3°43	n.a.	T 27
W28	17 40 27	23°55'43	22° 5	20°25	22°39	16°57	20°56	0° 9	20°44	16° 0	18°26	3°27	4°48	3°49	n.a.	W28
T 29	17 44 23	24°53'11	3♊56	21°37	23°51	17°35	20°49	0°17	20°48	15°59	18°25	3°20	4°45	3°56	n.a.	T 29
F 30	17 48 20	25♊50'41	15♊47	22♋48	25♋ 4	18♌13	20♏43	0♋25	20♋51	15♏58	18♒24	3♌13	4♌42	4♊ 3	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 5	14n45	4s44	23n20	1n44	24n48	1n23	21n37	1n17	22s50	0s58	23n57	0n10	23n 1	0n37	15s31	1n38	30s51	16s16	19n18	19n 1	16n 4		n.a.
F 2	20 17	17 36	4 17	23 45	1 48	24 55	1 24	21 29	1 16	22 50	0 58	23 57	0 10	23 1	0 37	15 30	1 38	30 51	16 16	19 21	19 2	16 6		n.a.
S 3	20 30	19 43	3 38	24 7	1 51	25 1	1 25	21 20	1 16	22 51	0 59	23 57	0 10	23 0	0 37	15 30	1 38	30 52	16 16	19 23	19 3	16 8		n.a.
S 4	20 42	20 59	2 50	24 26	1 53	25 7	1 27	21 11	1 15	22 51	0 59	23 58	0 10	23 0	0 37	15 30	1 38	30 52	16 17	19 25	19 4	16 10		n.a.
M 5	20 54	21 20	1 54	24 43	1 55	25 11	1 28	21 2	1 14	22 52	0 59	23 58	0 10	22 59	0 37	15 29	1 38	30 52	16 17	19 26	19 4	16 11		n.a.
T 6	21 5	20 41	0 53	24 58	1 55	25 15	1 29	20 52	1 13	22 53	0 59	23 58	0 10	22 59	0 37	15 29	1 38	30 53	16 18	19 27	19 5	16 13		n.a.
W 7	21 16	19 4	0n13	25 10	1 56	25 18	1 30	20 43	1 12	22 54	1 0	23 58	0 10	22 58	0 37	15 28	1 38	30 53	16 18	19 27	19 6	16 15		n.a.
T 8	21 27	16 30	1 19	25 19	1 55	25 21	1 31	20 33	1 11	22 54	1 0	23 59	0 10	22 58	0 37	15 28	1 38	30 54	16 18	19 27	19 7	16 16		n.a.
F 9	21 37	13 5	2 22	25 27	1 55	25 22	1 32	20 24	1 10	22 55	1 0	23 59	0 10	22 58	0 37	15 28	1 38	30 54	16 19	19 26	19 8	16 18		n.a.
S 10	21 47	8 56	3 21	25 32	1 53	25 23	1 33	20 14	1 10	22 56	1 1	23 59	0 10	22 57	0 37	15 27	1 38	30 54	16 19	19 27	19 8	16 20		n.a.
S 11	21 57	4 13	4 10	25 35	1 51	25 23	1 34	20 4	1 9	22 57	1 1	23 59	0 10	22 57	0 37	15 27	1 38	30 55	16 19	19 27	19 9	16 22		n.a.
M12	22 6	0s53	4 45	25 35	1 48	25 22	1 35	19 54	1 8	22 58	1 1	23 59	0 10	22 56	0 37	15 26	1 38	30 55	16 20	19 28	19 10	16 23		n.a.
T 13	22 15	6 5	5 4	25 34	1 45	25 21	1 36	19 43	1 7	22 59	1 1	24 0	0 11	22 56	0 37	15 26	1 38	30 56	16 20	19 29	19 11	16 25		n.a.
W14	22 24	11 4	5 3	25 31	1 41	25 19	1 36	19 33	1 6	23 0	1 2	24 0	0 11	22 55	0 37	15 26	1 38	30 56	16 20	19 31	19 11	16 27		n.a.
T 15	22 32	15 27	4 40	25 26	1 37	25 16	1 37	19 22	1 5	23 0	1 2	24 0	0 11	22 55	0 37	15 25	1 38	30 57	16 21	19 33	19 12	16 28		n.a.
F 16	22 40	18 48	3 58	25 20	1 32	25 12	1 38	19 12	1 4	23 1	1 2	24 0	0 11	22 54	0 37	15 25	1 38	30 57	16 21	19 35	19 13	16 30		n.a.
S 17	22 47	20 50	2 59	25 11	1 27	25 8	1 38	19 1	1 4	23 2	1 3	24 0	0 11	22 54	0 37	15 24	1 38	30 57	16 21	19 36	19 14	16 32		n.a.
S 18	22 54	21 22	1 48	25 2	1 22	25 2	1 38	18 50	1 3	23 3	1 3	24 0	0 11	22 53	0 37	15 24	1 38	30 58	16 22	19 37	19 15	16 33		n.a.
M19	23 0	20 25	0 32	24 50	1 16	24 56	1 39	18 39	1 2	23 5	1 3	24 1	0 11	22 53	0 37	15 24	1 38	30 58	16 22	19 37	19 15	16 35		n.a.
T 20	23 7	18 12	0s44	24 38	1 9	24 50	1 39	18 27	1 1	23 6	1 3	24 1	0 11	22 52	0 37	15 23	1 38	30 59	16 23	19 37	19 16	16 37		n.a.
W21	23 12	15 2	1 55	24 24	1 2	24 42	1 39	18 16	1 0	23 7	1 4	24 1	0 11	22 52	0 37	15 23	1 38	30 59	16 23	19 37	19 17	16 39		n.a.
T 22	23 18	11 11	2 57	24 9	0 55	24 34	1 39	18 4	0 59	23 8	1 4	24 1	0 11	22 51	0 36	15 23	1 38	31 0	16 23	19 37	19 18	16 40		n.a.
F 23	23 23	6 56	3 49	23 53	0 47	24 25	1 39	17 53	0 59	23 9	1 4	24 1	0 11	22 51	0 36	15 22	1 38	31 0	16 24	19 37	19 19	16 42		n.a.
S 24	23 27	2 30	4 29	23 36	0 39	24 16	1 39	17 41	0 58	23 10	1 4	24 1	0 11	22 50	0 36	15 22	1 38	31 1	16 24	19 37	19 19	16 44		n.a.
S 25	23 31	1n57	4 55	23 18	0 31	24 5	1 39	17 29	0 57	23 11	1 5	24 1	0 12	22 50	0 36	15 22	1 37	31 1	16 24	19 38	19 20	16 45		n.a.
M26	23 35	6 15	5 8	22 59	0 22	23 54	1 39	17 17	0 56	23 12	1 5	24 1	0 12	22 49	0 36	15 21	1 37	31 2	16 25	19 39	19 21	16 47		n.a.
T 27	23 38	10 16	5 7	22 39	0 13	23 43	1 39	17 5	0 55	23 14	1 5	24 2	0 12	22 49	0 36	15 21	1 37	31 2	16 25	19 40	19 22	16 49		n.a.
W28	23 41	13 52	4 53	22 19	0 4	23 30	1 38	16 52	0 54	23 15	1 5	24 2	0 12	22 48	0 36	15 21	1 37	31 3	16 25	19 42	19 22	16 50		n.a.
T 29	23 44	16 55	4 27	21 58	0s 6	23 17	1 38	16 40	0 54	23 16	1 6	24 2	0 12	22 47	0 36	15 20	1 37	31 3	16 25	19 44	19 23	16 52		n.a.
F 30	23n46	19n16	3s49	21n37	0s16	23n 4	1n37	16n27	0n53	23s17	1s 6	24n 2	0n12	22n47	0n36	15s20	1n37	31s 4	16s26	19n45	19n24	16n54		n.a.

Julian Day Number = 1302632.5, Delta T = 07h48m56s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'08, Lahiri = -19°47'08 Julian Calendar 1 June 1147 BCE == Greg. Calendar 21 May 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

JULY 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 17	26♊48'11	27♊41	23♋55	26♋17	18♌51	20°R36	0♋32	20♋55	15°R57	18°R24	3°R 8	4♌39	4♊10	n.a.	S 1
S 2	17 56 13	27°45'43	9♋40	25° 1	27°29	19°29	20♏30	0°40	20°58	15♏56	18♒23	3♌ 4	4°36	4°16	n.a.	S 2
M 3	18 0 10	28°43'16	21°45	26° 3	28°42	20° 7	20°23	0°48	21° 2	15°55	18°22	3° 1	4°32	4°23	n.a.	M 3
T 4	18 4 6	29°40'51	3♌59	27° 4	29°54	20°45	20°16	0°55	21° 5	15°54	18°22	3°D 1	4°29	4°30	n.a.	T 4
W 5	18 8 3	0♋38'27	16°23	28° 1	1♌ 7	21°23	20° 9	1° 3	21° 9	15°52	18°21	3° 1	4°26	4°36	n.a.	W 5
T 6	18 11 59	1°36'03	29° 0	28°56	2°19	22° 1	20° 2	1°11	21°13	15°51	18°20	3° 3	4°23	4°43	n.a.	T 6
F 7	18 15 56	2°33'41	11♍54	29°47	3°32	22°40	19°55	1°18	21°16	15°50	18°20	3° 4	4°20	4°50	n.a.	F 7
S 8	18 19 52	3°31'20	25° 6	0♌35	4°44	23°18	19°48	1°26	21°20	15°50	18°19	3° 6	4°17	4°56	n.a.	S 8
S 9	18 23 49	4°29'01	8♎41	1°20	5°57	23°57	19°40	1°34	21°24	15°49	18°18	3°R 6	4°13	5° 3	n.a.	S 9
M10	18 27 46	5°26'42	22°38	2° 2	7° 9	24°36	19°33	1°41	21°27	15°48	18°17	3° 5	4°10	5°10	n.a.	M10
T 11	18 31 42	6°24'25	6♏59	2°39	8°21	25°14	19°26	1°49	21°31	15°47	18°16	3° 3	4° 7	5°17	n.a.	T 11
W12	18 35 39	7°22'09	21°39	3°13	9°34	25°53	19°18	1°57	21°35	15°46	18°15	3° 0	4° 4	5°23	n.a.	W12
T 13	18 39 35	8°19'54	6♐34	3°42	10°46	26°32	19°10	2° 4	21°38	15°45	18°15	2°56	4° 1	5°30	n.a.	T 13
F 14	18 43 32	9°17'41	21°36	4° 7	11°58	27°11	19° 3	2°12	21°42	15°44	18°14	2°53	3°58	5°37	n.a.	F 14
S 15	18 47 28	10°15'29	6♑37	4°27	13°10	27°50	18°55	2°20	21°46	15°44	18°13	2°51	3°54	5°43	n.a.	S 15
S 16	18 51 25	11°13'19	21°27	4°42	14°22	28°29	18°47	2°27	21°49	15°43	18°12	2°49	3°51	5°50	n.a.	S 16
M17	18 55 21	12°11'11	5♒59	4°52	15°35	29° 9	18°40	2°35	21°53	15°42	18°11	2°D49	3°48	5°57	n.a.	M17
T 18	18 59 18	13° 9'05	20° 8	4°R57	16°47	29°48	18°32	2°42	21°57	15°41	18°10	2°50	3°45	6° 3	n.a.	T 18
W19	19 3 15	14° 7'00	3♓51	4°56	17°59	0♍27	18°24	2°50	22° 1	15°41	18° 9	2°51	3°42	6°10	n.a.	W19
T 20	19 7 11	15° 4'57	17° 9	4°49	19°11	1° 7	18°16	2°58	22° 4	15°40	18° 8	2°52	3°38	6°17	n.a.	T 20
F 21	19 11 8	16° 2'57	0♈ 2	4°36	20°23	1°46	18° 8	3° 5	22° 8	15°39	18° 7	2°53	3°35	6°24	n.a.	F 21
S 22	19 15 4	17° 0'58	12°35	4°18	21°35	2°26	18° 0	3°13	22°12	15°39	18° 6	2°R54	3°32	6°30	n.a.	S 22
S 23	19 19 1	17°59'01	24°50	3°53	22°47	3° 6	17°52	3°20	22°16	15°38	18° 5	2°54	3°29	6°37	n.a.	S 23
M24	19 22 57	18°57'07	6♉53	3°22	23°58	3°45	17°44	3°28	22°19	15°38	18° 4	2°53	3°26	6°44	n.a.	M24
T 25	19 26 54	19°55'14	18°48	2°45	25°10	4°25	17°36	3°35	22°23	15°37	18° 3	2°52	3°23	6°50	n.a.	T 25
W26	19 30 50	20°53'24	0♊40	2° 3	26°22	5° 5	17°29	3°43	22°27	15°37	18° 2	2°50	3°19	6°57	n.a.	W26
T 27	19 34 47	21°51'36	12°31	1°16	27°34	5°45	17°21	3°50	22°31	15°36	18° 1	2°49	3°16	7° 4	n.a.	T 27
F 28	19 38 44	22°49'50	24°25	0°24	28°46	6°25	17°13	3°58	22°35	15°36	18° 0	2°47	3°13	7°10	n.a.	F 28
S 29	19 42 40	23°48'06	6♋25	29♋29	29°57	7° 5	17° 5	4° 5	22°38	15°36	17°59	2°46	3°10	7°17	n.a.	S 29
S 30	19 46 37	24°46'24	18°33	28°31	1♍ 9	7°46	16°57	4°12	22°42	15°35	17°58	2°45	3° 7	7°24	n.a.	S 30
M31	19 50 33	25♋44'44	0♌51	27♋32	2♍21	8♍26	16♏49	4♋20	22♋46	15♏35	17♒57	2°D45	3♌ 4	7♊31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	20n48	3s 0	21n15	0s26	22n49	1n37	16n15	0n52	23s19	1s 6	24n 2	0n12	22n46	0n36	15s20	1n37	31s 4	16s26	19n47	19n25	16n55		n.a.
S 2	23 49	21 25	2 4	20 53	0 36	22 34	1 36	16 2	0 51	23 20	1 6	24 2	0 12	22 46	0 36	15 20	1 37	31 5	16 26	19 48	19 26	16 57		n.a.
M 3	23 49	21 2	1 1	20 31	0 47	22 18	1 35	15 49	0 50	23 21	1 7	24 2	0 12	22 45	0 36	15 19	1 37	31 5	16 27	19 48	19 26	16 59		n.a.
T 4	23 50	19 40	0n 5	20 9	0 57	22 2	1 34	15 36	0 50	23 22	1 7	24 2	0 12	22 45	0 36	15 19	1 37	31 6	16 27	19 48	19 27	17 0		n.a.
W 5	23 50	17 20	1 13	19 47	1 8	21 45	1 33	15 22	0 49	23 24	1 7	24 2	0 12	22 44	0 36	15 19	1 37	31 6	16 27	19 48	19 28	17 2		n.a.
T 6	23 49	14 9	2 18	19 25	1 19	21 28	1 32	15 9	0 48	23 25	1 7	24 2	0 13	22 44	0 36	15 18	1 37	31 7	16 28	19 48	19 29	17 3		n.a.
F 7	23 48	10 14	3 17	19 3	1 31	21 10	1 31	14 55	0 47	23 26	1 7	24 2	0 13	22 43	0 36	15 18	1 37	31 7	16 28	19 47	19 29	17 5		n.a.
S 8	23 47	5 45	4 8	18 41	1 42	20 51	1 30	14 42	0 46	23 27	1 8	24 2	0 13	22 42	0 36	15 18	1 37	31 8	16 28	19 47	19 30	17 7		n.a.
S 9	23 45	0 52	4 46	18 20	1 54	20 32	1 29	14 28	0 45	23 29	1 8	24 2	0 13	22 42	0 36	15 18	1 37	31 8	16 28	19 47	19 31	17 8		n.a.
M10	23 43	4s11	5 9	18 0	2 5	20 12	1 28	14 14	0 45	23 30	1 8	24 2	0 13	22 41	0 36	15 18	1 37	31 9	16 29	19 47	19 32	17 10		n.a.
T 11	23 40	9 8	5 13	17 40	2 17	19 51	1 26	14 0	0 44	23 31	1 8	24 2	0 13	22 41	0 36	15 17	1 37	31 9	16 29	19 48	19 32	17 12		n.a.
W12	23 37	13 41	4 57	17 21	2 28	19 30	1 25	13 46	0 43	23 33	1 8	24 2	0 13	22 40	0 36	15 17	1 37	31 10	16 29	19 48	19 33	17 13		n.a.
T 13	23 34	17 28	4 22	17 3	2 40	19 9	1 23	13 32	0 42	23 34	1 9	24 2	0 13	22 39	0 36	15 17	1 37	31 11	16 29	19 49	19 34	17 15		n.a.
F 14	23 30	20 6	3 28	16 46	2 51	18 47	1 22	13 18	0 41	23 35	1 9	24 2	0 13	22 39	0 36	15 17	1 37	31 11	16 30	19 50	19 35	17 17		n.a.
S 15	23 26	21 20	2 19	16 31	3 2	18 25	1 20	13 3	0 41	23 36	1 9	24 2	0 13	22 38	0 36	15 17	1 37	31 12	16 30	19 51	19 36	17 18		n.a.
S 16	23 21	21 4	1 2	16 17	3 13	18 2	1 18	12 49	0 40	23 38	1 9	24 2	0 13	22 38	0 36	15 16	1 36	31 12	16 30	19 51	19 36	17 20		n.a.
M17	23 16	19 22	0s17	16 4	3 23	17 38	1 16	12 34	0 39	23 39	1 9	24 2	0 14	22 37	0 36	15 16	1 36	31 13	16 30	19 51	19 37	17 21		n.a.
T 18	23 10	16 30	1 34	15 53	3 33	17 14	1 14	12 19	0 38	23 40	1 9	24 2	0 14	22 36	0 36	15 16	1 36	31 13	16 31	19 51	19 38	17 23		n.a.
W19	23 4	12 47	2 43	15 44	3 43	16 50	1 12	12 5	0 37	23 42	1 10	24 2	0 14	22 36	0 36	15 16	1 36	31 14	16 31	19 50	19 39	17 25		n.a.
T 20	22 58	8 32	3 41	15 38	3 52	16 25	1 10	11 50	0 37	23 43	1 10	24 2	0 14	22 35	0 36	15 16	1 36	31 14	16 31	19 50	19 39	17 26		n.a.
F 21	22 51	4 2	4 26	15 33	4 0	16 0	1 8	11 34	0 36	23 44	1 10	24 1	0 14	22 35	0 36	15 16	1 36	31 15	16 31	19 50	19 40	17 28		n.a.
S 22	22 44	0n30	4 57	15 30	4 7	15 35	1 6	11 19	0 35	23 45	1 10	24 1	0 14	22 34	0 36	15 16	1 36	31 15	16 32	19 50	19 41	17 29		n.a.
S 23	22 36	4 55	5 13	15 30	4 13	15 9	1 3	11 4	0 34	23 46	1 10	24 1	0 14	22 33	0 36	15 16	1 36	31 16	16 32	19 50	19 42	17 31		n.a.
M24	22 28	9 4	5 15	15 33	4 17	14 42	1 1	10 49	0 34	23 48	1 10	24 1	0 14	22 33	0 36	15 15	1 36	31 16	16 32	19 50	19 42	17 33		n.a.
T 25	22 19	12 50	5 4	15 38	4 21	14 16	0 59	10 33	0 33	23 49	1 10	24 1	0 14	22 32	0 36	15 15	1 36	31 17	16 32	19 50	19 43	17 34		n.a.
W26	22 11	16 4	4 40	15 46	4 22	13 48	0 56	10 18	0 32	23 50	1 11	24 1	0 14	22 31	0 36	15 15	1 36	31 17	16 32	19 51	19 44	17 36		n.a.
T 27	22 1	18 38	4 4	15 56	4 22	13 21	0 53	10 2	0 31	23 51	1 11	24 1	0 14	22 31	0 36	15 15	1 36	31 18	16 33	19 51	19 45	17 37		n.a.
F 28	21 52	20 26	3 17	16 9	4 21	12 53	0 51	9 46	0 30	23 52	1 11	24 1	0 15	22 30	0 36	15 15	1 36	31 19	16 33	19 51	19 45	17 39		n.a.
S 29	21 42	21 20	2 21	16 24	4 17	12 25	0 48	9 30	0 30	23 53	1 11	24 1	0 15	22 30	0 36	15 15	1 36	31 19	16 33	19 52	19 46	17 41		n.a.
S 30	21 31	21 14	1 18	16 42	4 11	11 57	0 45	9 14	0 29	23 54	1 11	24 0	0 15	22 29	0 36	15 15	1 36	31 20	16 33	19 52	19 47	17 42		n.a.
M31	21n20	20n 7	0s11	17n 1	4s 4	11n28	0n42	8n58	0n28	23s56	1s11	24n 0	0n15	22n28	0n36	15s15	1n36	31s20	16s33	19n52	19n48	17n44		n.a.

Julian Day Number = 1302662.5, Delta T = 07h48m54s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'04, Lahiri = -19°47'04 Julian Calendar 1 July 1147 BCE == Greg. Calendar 20 June 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

AUGUST 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 30	26♋43'05	13♌20	26°R33	3♍32	9♍ 6	16°R42	4♋27	22♋50	15°R35	17°R56	2♌45	3♌ 0	7♊37	n.a.	T 1
W 2	19 58 26	27°41'29	26° 2	25♋35	4°44	9°47	16♑34	4°34	22°53	15♏35	17♒54	2°45	2°57	7°44	n.a.	W 2
T 3	20 2 23	28°39'55	8♍56	24°39	5°55	10°27	16°27	4°42	22°57	15°34	17°53	2°46	2°54	7°51	n.a.	T 3
F 4	20 6 19	29°38'22	22° 5	23°47	7° 6	11° 8	16°19	4°49	23° 1	15°34	17°52	2°46	2°51	7°57	n.a.	F 4
S 5	20 10 16	0♌36'51	5♎28	23° 0	8°18	11°49	16°12	4°56	23° 5	15°34	17°51	2°47	2°48	8° 4	n.a.	S 5
S 6	20 14 12	1°35'22	19° 7	22°20	9°29	12°29	16° 4	5° 3	23° 8	15°34	17°50	2°47	2°44	8°11	n.a.	S 6
M 7	20 18 9	2°33'54	3♏ 1	21°46	10°40	13°10	15°57	5°10	23°12	15°34	17°49	2°47	2°41	8°17	n.a.	M 7
T 8	20 22 6	3°32'29	17°10	21°21	11°52	13°51	15°50	5°17	23°16	15°34	17°48	2°47	2°38	8°24	n.a.	T 8
W 9	20 26 2	4°31'05	1♐32	21° 5	13° 3	14°32	15°43	5°24	23°20	15°D34	17°46	2°47	2°35	8°31	n.a.	W 9
T 10	20 29 59	5°29'43	16° 4	20°D57	14°14	15°13	15°36	5°31	23°23	15°34	17°45	2°47	2°32	8°38	n.a.	T 10
F 11	20 33 55	6°28'23	0♑41	21° 0	15°25	15°55	15°29	5°38	23°27	15°34	17°44	2°47	2°29	8°44	n.a.	F 11
S 12	20 37 52	7°27'05	15°18	21°12	16°36	16°36	15°22	5°45	23°31	15°34	17°43	2°48	2°25	8°51	n.a.	S 12
S 13	20 41 48	8°25'49	29°48	21°33	17°47	17°17	15°15	5°52	23°34	15°34	17°42	2°R48	2°22	8°58	n.a.	S 13
M14	20 45 45	9°24'35	14♒ 7	22° 4	18°58	17°58	15° 9	5°59	23°38	15°34	17°41	2°48	2°19	9° 4	n.a.	M14
T 15	20 49 41	10°23'23	28° 8	22°43	20° 9	18°40	15° 2	6° 6	23°42	15°35	17°39	2°47	2°16	9°11	n.a.	T 15
W16	20 53 38	11°22'13	11♓49	23°31	21°19	19°21	14°56	6°13	23°45	15°35	17°38	2°46	2°13	9°18	n.a.	W16
T 17	20 57 35	12°21'05	25° 8	24°28	22°30	20° 3	14°50	6°19	23°49	15°35	17°37	2°45	2°10	9°24	n.a.	T 17
F 18	21 1 31	13°20'00	8♈ 4	25°31	23°41	20°45	14°44	6°26	23°53	15°35	17°36	2°44	2° 6	9°31	n.a.	F 18
S 19	21 5 28	14°18'57	20°39	26°41	24°51	21°26	14°38	6°33	23°56	15°36	17°35	2°43	2° 3	9°38	n.a.	S 19
S 20	21 9 24	15°17'57	2♉57	27°58	26° 2	22° 8	14°32	6°39	24° 0	15°36	17°33	2°42	2° 0	9°45	n.a.	S 20
M21	21 13 21	16°16'59	15° 2	29°19	27°12	22°50	14°26	6°46	24° 4	15°36	17°32	2°D41	1°57	9°51	n.a.	M21
T 22	21 17 17	17°16'04	26°57	0♌46	28°22	23°32	14°21	6°52	24° 7	15°37	17°31	2°42	1°54	9°58	n.a.	T 22
W23	21 21 14	18°15'11	8♊49	2°17	29°33	24°14	14°15	6°59	24°11	15°37	17°30	2°42	1°50	10° 5	n.a.	W23
T 24	21 25 10	19°14'20	20°40	3°51	0♎43	24°56	14°10	7° 5	24°14	15°38	17°29	2°44	1°47	10°11	n.a.	T 24
F 25	21 29 7	20°13'32	2♋37	5°28	1°53	25°38	14° 5	7°11	24°18	15°38	17°27	2°45	1°44	10°18	n.a.	F 25
S 26	21 33 3	21°12'46	14°42	7° 7	3° 3	26°20	14° 0	7°18	24°21	15°39	17°26	2°47	1°41	10°25	n.a.	S 26
S 27	21 37 0	22°12'03	27° 0	8°49	4°13	27° 3	13°56	7°24	24°25	15°39	17°25	2°R47	1°38	10°31	n.a.	S 27
M28	21 40 57	23°11'22	9♌31	10°32	5°23	27°45	13°51	7°30	24°28	15°40	17°24	2°47	1°35	10°38	n.a.	M28
T 29	21 44 53	24°10'43	22°19	12°16	6°33	28°27	13°47	7°36	24°32	15°41	17°23	2°46	1°31	10°45	n.a.	T 29
W30	21 48 50	25°10'06	5♍22	14° 1	7°43	29°10	13°43	7°42	24°35	15°41	17°21	2°44	1°28	10°51	n.a.	W30
T 31	21 52 46	26♌ 9'32	18♍41	15♌47	8♎52	29♍53	13♑39	7♋48	24♋38	15♏42	17♒20	2♌41	1♌25	10♊58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n 9	18n 1	0n58	17n22	3s54	10n59	0n40	8n42	0n27	23s57	1s11	24n 0	0n15	22n28	0n36	15s15	1n36	31s21	16s33	19n52	19n48	17n45		n.a.	T 1
W 2	20 58	15 1	2 6	17 44	3 43	10 30	0 37	8 26	0 26	23 58	1 11	24 0	0 15	22 27	0 36	15 15	1 36	31 21	16 33	19 52	19 49	17 47		n.a.	W 2
T 3	20 46	11 14	3 8	18 7	3 29	10 0	0 34	8 10	0 26	23 59	1 11	24 0	0 15	22 26	0 36	15 15	1 35	31 22	16 34	19 52	19 50	17 49		n.a.	T 3
F 4	20 33	6 52	4 1	18 30	3 14	9 31	0 30	7 53	0 25	24 0	1 11	24 0	0 15	22 26	0 36	15 15	1 35	31 22	16 34	19 52	19 51	17 50		n.a.	F 4
S 5	20 21	2 6	4 42	18 54	2 58	9 1	0 27	7 37	0 24	24 1	1 11	23 59	0 15	22 25	0 36	15 15	1 35	31 23	16 34	19 52	19 51	17 52		n.a.	S 5
S 6	20 8	2s51	5 8	19 18	2 41	8 31	0 24	7 20	0 23	24 2	1 11	23 59	0 15	22 24	0 36	15 15	1 35	31 23	16 34	19 51	19 52	17 53		n.a.	S 6
M 7	19 54	7 45	5 17	19 41	2 23	8 0	0 21	7 4	0 23	24 3	1 12	23 59	0 16	22 24	0 36	15 15	1 35	31 24	16 34	19 51	19 53	17 55		n.a.	M 7
T 8	19 41	12 19	5 7	20 3	2 4	7 30	0 18	6 47	0 22	24 3	1 12	23 59	0 16	22 23	0 37	15 15	1 35	31 24	16 34	19 51	19 53	17 56		n.a.	T 8
W 9	19 27	16 16	4 38	20 25	1 46	6 59	0 14	6 30	0 21	24 4	1 12	23 59	0 16	22 23	0 37	15 15	1 35	31 25	16 34	19 51	19 54	17 58		n.a.	W 9
T 10	19 12	19 15	3 51	20 44	1 27	6 28	0 11	6 14	0 20	24 5	1 12	23 59	0 16	22 22	0 37	15 15	1 35	31 25	16 34	19 51	19 55	17 59		n.a.	T 10
F 11	18 58	21 1	2 49	21 2	1 8	5 57	0 7	5 57	0 20	24 6	1 12	23 58	0 16	22 21	0 37	15 15	1 35	31 26	16 35	19 51	19 56	18 1		n.a.	F 11
S 12	18 42	21 21	1 36	21 19	0 50	5 26	0 4	5 40	0 19	24 7	1 12	23 58	0 16	22 21	0 37	15 15	1 35	31 26	16 35	19 51	19 56	18 3		n.a.	S 12
S 13	18 27	20 15	0 17	21 33	0 32	4 54	0 0	5 23	0 18	24 8	1 12	23 58	0 16	22 20	0 37	15 16	1 35	31 27	16 35	19 51	19 57	18 4		n.a.	S 13
M14	18 11	17 51	1s 2	21 45	0 15	4 23	0s 3	5 6	0 17	24 8	1 12	23 58	0 16	22 19	0 37	15 16	1 35	31 27	16 35	19 51	19 58	18 6		n.a.	M14
T 15	17 55	14 26	2 16	21 54	0n 1	3 51	0 7	4 48	0 16	24 9	1 12	23 58	0 16	22 19	0 37	15 16	1 35	31 27	16 35	19 51	19 59	18 7		n.a.	T 15
W16	17 39	10 19	3 20	22 0	0 16	3 20	0 11	4 31	0 16	24 10	1 12	23 57	0 16	22 18	0 37	15 16	1 35	31 28	16 35	19 52	19 59	18 9		n.a.	W16
T 17	17 22	5 48	4 11	22 4	0 30	2 48	0 14	4 14	0 15	24 11	1 12	23 57	0 17	22 18	0 37	15 16	1 35	31 28	16 35	19 52	20 0	18 10		n.a.	T 17
F 18	17 5	1 9	4 48	22 5	0 43	2 16	0 18	3 57	0 14	24 11	1 12	23 57	0 17	22 17	0 37	15 16	1 35	31 29	16 35	19 52	20 1	18 12		n.a.	F 18
S 19	16 48	3n25	5 10	22 3	0 55	1 44	0 22	3 39	0 13	24 12	1 12	23 57	0 17	22 16	0 37	15 16	1 34	31 29	16 35	19 52	20 2	18 13		n.a.	S 19
S 20	16 31	7 45	5 17	21 59	1 6	1 13	0 26	3 22	0 13	24 13	1 12	23 56	0 17	22 16	0 37	15 16	1 34	31 30	16 35	19 53	20 2	18 15		n.a.	S 20
M21	16 13	11 41	5 9	21 51	1 15	0 41	0 30	3 4	0 12	24 13	1 12	23 56	0 17	22 15	0 37	15 17	1 34	31 30	16 35	19 53	20 3	18 16		n.a.	M21
T 22	15 55	15 7	4 49	21 40	1 23	0 9	0 34	2 47	0 11	24 14	1 12	23 56	0 17	22 14	0 37	15 17	1 34	31 31	16 35	19 53	20 4	18 18		n.a.	T 22
W23	15 36	17 55	4 16	21 27	1 31	0s23	0 38	2 29	0 10	24 14	1 12	23 56	0 17	22 14	0 37	15 17	1 34	31 31	16 35	19 52	20 4	18 19		n.a.	W23
T 24	15 18	19 58	3 32	21 10	1 37	0 55	0 41	2 12	0 10	24 15	1 12	23 55	0 17	22 13	0 37	15 17	1 34	31 31	16 35	19 52	20 5	18 21		n.a.	T 24
F 25	14 59	21 9	2 39	20 51	1 42	1 27	0 45	1 54	0 9	24 15	1 12	23 55	0 17	22 13	0 37	15 17	1 34	31 32	16 35	19 52	20 6	18 22		n.a.	F 25
S 26	14 40	21 23	1 38	20 30	1 46	1 59	0 49	1 36	0 8	24 16	1 12	23 55	0 18	22 12	0 37	15 18	1 34	31 32	16 35	19 51	20 7	18 24		n.a.	S 26
S 27	14 20	20 35	0 32	20 6	1 49	2 31	0 53	1 18	0 7	24 16	1 11	23 55	0 18	22 11	0 37	15 18	1 34	31 33	16 35	19 51	20 7	18 25		n.a.	S 27
M28	14 1	18 45	0n37	19 40	1 52	3 3	0 57	1 1	0 7	24 17	1 11	23 55	0 18	22 11	0 37	15 18	1 34	31 33	16 35	19 51	20 8	18 27		n.a.	M28
T 29	13 41	15 58	1 46	19 12	1 53	3 35	1 1	0 43	0 6	24 17	1 11	23 54	0 18	22 10	0 37	15 18	1 34	31 33	16 35	19 52	20 9	18 28		n.a.	T 29
W30	13 21	12 19	2 50	18 42	1 54	4 6	1 5	0 25	0 5	24 18	1 11	23 54	0 18	22 10	0 37	15 19	1 34	31 34	16 35	19 52	20 9	18 30		n.a.	W30
T 31	13n 0	8n 0	3n46	18n11	1n54	4s38	1s 9	0n 7	0n 4	24s18	1s11	23n54	0n18	22n 9	0n37	15s19	1n34	31s34	16s35	19n53	20n10	18n31		n.a.	T 31

Julian Day Number = 1302693.5, Delta T = 07h48m53s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°54'00, Lahiri = -19°46'59 Julian Calendar 1 Aug. 1147 BCE == Greg. Calendar 21 July 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

SEPTEMBER 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 56 43	27♌ 8'59	2♎14	17♌33	10♎ 2	0♎35	13°R35	7♋54	24♋42	15♏43	17°R19	2°R37	1♌22	11♊ 5	n.a.	F 1
S 2	22 0 39	28° 8'28	15°59	19°19	11°11	1°18	13♑31	8° 0	24°45	15°44	17♒18	2♌34	1°19	11°12	n.a.	S 2
S 3	22 4 36	29° 8'00	29°53	21° 5	12°21	2° 1	13°28	8° 6	24°48	15°44	17°17	2°30	1°15	11°18	n.a.	S 3
M 4	22 8 32	0♍ 7'33	13♏56	22°51	13°30	2°44	13°25	8°11	24°52	15°45	17°15	2°28	1°12	11°25	n.a.	M 4
T 5	22 12 29	1° 7'08	28° 3	24°36	14°39	3°27	13°22	8°17	24°55	15°46	17°14	2°D27	1° 9	11°32	n.a.	T 5
W 6	22 16 25	2° 6'46	12♐14	26°22	15°48	4°10	13°19	8°22	24°58	15°47	17°13	2°28	1° 6	11°38	n.a.	W 6
T 7	22 20 22	3° 6'25	26°26	28° 7	16°57	4°53	13°16	8°28	25° 1	15°48	17°12	2°29	1° 3	11°45	n.a.	T 7
F 8	22 24 19	4° 6'05	10♑37	29°51	18° 6	5°36	13°14	8°33	25° 4	15°49	17°11	2°30	1° 0	11°52	n.a.	F 8
S 9	22 28 15	5° 5'48	24°46	1♒35	19°15	6°19	13°12	8°39	25° 7	15°50	17°10	2°31	0°56	11°58	n.a.	S 9
S 10	22 32 12	6° 5'33	8♒49	3°18	20°23	7° 2	13° 9	8°44	25°11	15°51	17° 9	2°R32	0°53	12° 5	n.a.	S 10
M11	22 36 8	7° 5'19	22°44	5° 1	21°32	7°45	13° 8	8°49	25°14	15°52	17° 7	2°30	0°50	12°12	n.a.	M11
T 12	22 40 5	8° 5'08	6♓26	6°43	22°40	8°29	13° 6	8°54	25°17	15°53	17° 6	2°27	0°47	12°18	n.a.	T 12
W13	22 44 1	9° 4'59	19°53	8°25	23°49	9°12	13° 4	8°59	25°20	15°54	17° 5	2°22	0°44	12°25	n.a.	W13
T 14	22 47 58	10° 4'51	3♈ 4	10° 6	24°57	9°56	13° 3	9° 4	25°23	15°56	17° 4	2°15	0°41	12°32	n.a.	T 14
F 15	22 51 54	11° 4'46	15°56	11°46	26° 5	10°39	13° 2	9° 9	25°25	15°57	17° 3	2° 8	0°37	12°39	n.a.	F 15
S 16	22 55 51	12° 4'43	28°30	13°26	27°13	11°23	13° 1	9°14	25°28	15°58	17° 2	2° 2	0°34	12°45	n.a.	S 16
S 17	22 59 48	13° 4'43	10♉48	15° 5	28°20	12° 7	13° 1	9°19	25°31	15°59	17° 1	1°56	0°31	12°52	n.a.	S 17
M18	23 3 44	14° 4'45	22°53	16°44	29°28	12°50	13° 0	9°24	25°34	16° 0	17° 0	1°52	0°28	12°59	n.a.	M18
T 19	23 7 41	15° 4'49	4♊49	18°22	0♏35	13°34	13° 0	9°28	25°37	16° 2	16°59	1°49	0°25	13° 5	n.a.	T 19
W20	23 11 37	16° 4'55	16°39	19°59	1°43	14°18	13°D 0	9°33	25°40	16° 3	16°58	1°D48	0°21	13°12	n.a.	W20
T 21	23 15 34	17° 5'04	28°30	21°36	2°50	15° 2	13° 0	9°37	25°42	16° 4	16°57	1°49	0°18	13°19	n.a.	T 21
F 22	23 19 30	18° 5'15	10♋27	23°13	3°57	15°46	13° 0	9°41	25°45	16° 6	16°56	1°51	0°15	13°25	n.a.	F 22
S 23	23 23 27	19° 5'28	22°34	24°49	5° 4	16°30	13° 1	9°46	25°48	16° 7	16°55	1°52	0°12	13°32	n.a.	S 23
S 24	23 27 23	20° 5'43	4♌56	26°24	6°10	17°14	13° 2	9°50	25°50	16° 9	16°54	1°R52	0° 9	13°39	n.a.	S 24
M25	23 31 20	21° 6'01	17°37	27°59	7°17	17°59	13° 3	9°54	25°53	16°10	16°53	1°51	0° 6	13°45	n.a.	M25
T 26	23 35 16	22° 6'20	0♍39	29°34	8°23	18°43	13° 4	9°58	25°55	16°12	16°52	1°47	0° 2	13°52	n.a.	T 26
W27	23 39 13	23° 6'41	14° 2	1♎ 8	9°29	19°27	13° 5	10° 2	25°58	16°13	16°51	1°41	29♋59	13°59	n.a.	W27
T 28	23 43 10	24° 7'05	27°46	2°42	10°35	20°12	13° 7	10° 5	26° 0	16°15	16°50	1°34	29°56	14° 5	n.a.	T 28
F 29	23 47 6	25° 7'30	11♎48	4°15	11°41	20°56	13° 9	10° 9	26° 3	16°16	16°49	1°24	29°53	14°12	n.a.	F 29
S 30	23 51 3	26♍ 7'56	26♎ 1	5♎48	12♏46	21♎41	13♑11	10♋13	26♋ 5	16♏18	16♒48	1♌15	29♋50	14♊19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n40	3n14	4n31	17n37	1n53	5s 9	1s14	0s11	0n 4	24s18	1s11	23n54	0n18	22n 8	0n37	15s19	1n34	31s34	16s35	19n54	20n11	18n33		n.a.
S 2	12 19	1s46	5 1	17 3	1 52	5 41	1 18	0 29	0 3	24 19	1 11	23 53	0 18	22 8	0 37	15 19	1 34	31 35	16 35	19 55	20 12	18 34		n.a.
S 3	11 58	6 44	5 13	16 27	1 50	6 12	1 22	0 47	0 2	24 19	1 11	23 53	0 18	22 7	0 37	15 20	1 34	31 35	16 35	19 55	20 12	18 36		n.a.
M 4	11 37	11 23	5 7	15 49	1 48	6 43	1 26	1 5	0 1	24 19	1 11	23 53	0 19	22 7	0 37	15 20	1 33	31 35	16 35	19 56	20 13	18 37		n.a.
T 5	11 15	15 27	4 43	15 11	1 45	7 14	1 30	1 23	0 1	24 19	1 11	23 53	0 19	22 6	0 37	15 20	1 33	31 36	16 35	19 56	20 14	18 39		n.a.
W 6	10 54	18 38	4 1	14 32	1 42	7 45	1 34	1 41	0 0	24 20	1 11	23 52	0 19	22 6	0 37	15 21	1 33	31 36	16 35	19 56	20 14	18 40		n.a.
T 7	10 32	20 42	3 5	13 52	1 39	8 16	1 38	1 59	0s 1	24 20	1 11	23 52	0 19	22 5	0 37	15 21	1 33	31 36	16 34	19 56	20 15	18 42		n.a.
F 8	10 10	21 27	1 57	13 11	1 35	8 46	1 42	2 17	0 1	24 20	1 11	23 52	0 19	22 4	0 37	15 21	1 33	31 37	16 34	19 55	20 16	18 43		n.a.
S 9	9 48	20 50	0 42	12 29	1 30	9 17	1 46	2 35	0 2	24 20	1 11	23 52	0 19	22 4	0 37	15 22	1 33	31 37	16 34	19 55	20 17	18 45		n.a.
S 10	9 25	18 54	0s34	11 47	1 26	9 47	1 50	2 53	0 3	24 20	1 10	23 51	0 19	22 3	0 37	15 22	1 33	31 37	16 34	19 55	20 17	18 46		n.a.
M11	9 3	15 52	1 48	11 5	1 21	10 17	1 54	3 11	0 4	24 20	1 10	23 51	0 19	22 3	0 37	15 22	1 33	31 37	16 34	19 55	20 18	18 47		n.a.
T 12	8 40	11 59	2 54	10 21	1 16	10 46	1 58	3 29	0 4	24 20	1 10	23 51	0 19	22 2	0 37	15 23	1 33	31 38	16 34	19 56	20 19	18 49		n.a.
W13	8 18	7 34	3 49	9 38	1 10	11 16	2 1	3 47	0 5	24 20	1 10	23 51	0 20	22 2	0 37	15 23	1 33	31 38	16 34	19 57	20 19	18 50		n.a.
T 14	7 55	2 54	4 31	8 54	1 5	11 45	2 5	4 5	0 6	24 20	1 10	23 51	0 20	22 1	0 37	15 24	1 33	31 38	16 34	19 59	20 20	18 52		n.a.
F 15	7 32	1n48	4 58	8 10	0 59	12 14	2 9	4 23	0 6	24 20	1 10	23 50	0 20	22 1	0 37	15 24	1 33	31 38	16 34	20 0	20 21	18 53		n.a.
S 16	7 8	6 18	5 9	7 26	0 53	12 43	2 13	4 41	0 7	24 20	1 10	23 50	0 20	22 0	0 37	15 24	1 33	31 39	16 33	20 2	20 21	18 55		n.a.
S 17	6 45	10 28	5 6	6 42	0 47	13 11	2 17	4 59	0 8	24 20	1 10	23 50	0 20	22 0	0 37	15 25	1 33	31 39	16 33	20 3	20 22	18 56		n.a.
M18	6 22	14 8	4 49	5 57	0 41	13 39	2 21	5 17	0 9	24 20	1 10	23 50	0 20	21 59	0 37	15 25	1 33	31 39	16 33	20 4	20 23	18 58		n.a.
T 19	5 58	17 11	4 20	5 12	0 35	14 7	2 24	5 35	0 9	24 20	1 10	23 49	0 20	21 59	0 37	15 26	1 33	31 39	16 33	20 5	20 24	18 59		n.a.
W20	5 35	19 30	3 40	4 28	0 29	14 34	2 28	5 53	0 10	24 20	1 9	23 49	0 20	21 58	0 37	15 26	1 33	31 39	16 33	20 5	20 24	19 0		n.a.
T 21	5 11	20 59	2 51	3 43	0 22	15 1	2 31	6 11	0 11	24 20	1 9	23 49	0 21	21 58	0 38	15 27	1 33	31 40	16 33	20 5	20 25	19 2		n.a.
F 22	4 47	21 32	1 53	2 59	0 16	15 28	2 35	6 29	0 11	24 20	1 9	23 49	0 21	21 57	0 38	15 27	1 32	31 40	16 32	20 4	20 26	19 3		n.a.
S 23	4 23	21 5	0 50	2 14	0 9	15 54	2 38	6 47	0 12	24 20	1 9	23 49	0 21	21 57	0 38	15 27	1 32	31 40	16 32	20 4	20 26	19 5		n.a.
S 24	3 59	19 37	0n17	1 29	0 3	16 20	2 42	7 4	0 13	24 20	1 9	23 48	0 21	21 56	0 38	15 28	1 32	31 40	16 32	20 4	20 27	19 6		n.a.
M25	3 35	17 8	1 24	0 45	0s 4	16 46	2 45	7 22	0 14	24 19	1 9	23 48	0 21	21 56	0 38	15 28	1 32	31 40	16 32	20 4	20 28	19 7		n.a.
T 26	3 11	13 44	2 29	0 1	0 11	17 11	2 48	7 40	0 14	24 19	1 9	23 48	0 21	21 55	0 38	15 29	1 32	31 40	16 32	20 5	20 28	19 9		n.a.
W27	2 47	9 33	3 27	0s43	0 17	17 36	2 52	7 58	0 15	24 19	1 9	23 48	0 21	21 55	0 38	15 29	1 32	31 40	16 31	20 6	20 29	19 10		n.a.
T 28	2 22	4 47	4 14	1 27	0 24	18 0	2 55	8 15	0 16	24 19	1 9	23 48	0 22	21 55	0 38	15 30	1 32	31 41	16 31	20 8	20 30	19 12		n.a.
F 29	1 58	0s20	4 48	2 11	0 30	18 24	2 58	8 33	0 16	24 18	1 8	23 48	0 22	21 54	0 38	15 30	1 32	31 41	16 31	20 10	20 30	19 13		n.a.
S 30	1n34	5s30	5n 4	2s54	0s37	18s47	3s 1	8s51	0s17	24s18	1s 8	23n48	0n22	21n54	0n38	15s31	1n32	31s41	16s31	20n12	20n31	19n14		n.a.

Julian Day Number = 1302724.5, Delta T = 07h48m51s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'56, Lahiri = -19°46'55 Julian Calendar 1 Sept. 1147 BCE == Greg. Calendar 21 Aug. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

OCTOBER 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 59	27♍ 8'25	10♏22	7♎21	13♏52	22♎25	13♑13	10♋16	26♋ 7	16♏19	16°R47	1°R 7	29♋46	14♊26	n.a.	S 1
M 2	23 58 56	28° 8'55	24°44	8°53	14°57	23°10	13°15	10°20	26° 9	16°21	16♒46	1♌ 0	29°43	14°32	n.a.	M 2
T 3	0 2 52	29° 9'27	9♐ 3	10°25	16° 2	23°55	13°18	10°23	26°12	16°23	16°45	0°56	29°40	14°39	n.a.	T 3
W 4	0 6 49	0♎10'00	23°15	11°57	17° 6	24°39	13°20	10°26	26°14	16°24	16°45	0°55	29°37	14°46	n.a.	W 4
T 5	0 10 45	1°10'34	7♑20	13°28	18°11	25°24	13°23	10°29	26°16	16°26	16°44	0°D54	29°34	14°52	n.a.	T 5
F 6	0 14 42	2°11'10	21°15	14°59	19°15	26° 9	13°27	10°32	26°18	16°28	16°43	0°55	29°31	14°59	n.a.	F 6
S 7	0 18 39	3°11'48	5♒ 1	16°29	20°18	26°54	13°30	10°35	26°20	16°30	16°42	0°R55	29°27	15° 6	n.a.	S 7
S 8	0 22 35	4°12'26	18°39	17°59	21°22	27°39	13°33	10°38	26°22	16°31	16°42	0°54	29°24	15°12	n.a.	S 8
M 9	0 26 32	5°13'06	2♓ 6	19°29	22°25	28°24	13°37	10°41	26°24	16°33	16°41	0°50	29°21	15°19	n.a.	M 9
T 10	0 30 28	6°13'47	15°24	20°58	23°28	29° 9	13°41	10°43	26°26	16°35	16°40	0°43	29°18	15°26	n.a.	T 10
W11	0 34 25	7°14'30	28°31	22°27	24°31	29°54	13°45	10°46	26°28	16°37	16°39	0°34	29°15	15°32	n.a.	W11
T 12	0 38 21	8°15'14	11♈25	23°56	25°33	0♏39	13°50	10°48	26°29	16°39	16°39	0°22	29°12	15°39	n.a.	T 12
F 13	0 42 18	9°16'00	24° 5	25°24	26°35	1°25	13°54	10°50	26°31	16°41	16°38	0° 9	29° 8	15°46	n.a.	F 13
S 14	0 46 14	10°16'47	6♉32	26°51	27°37	2°10	13°59	10°53	26°33	16°43	16°37	29♋57	29° 5	15°52	n.a.	S 14
S 15	0 50 11	11°17'36	18°46	28°18	28°38	2°55	14° 4	10°55	26°34	16°44	16°37	29°45	29° 2	15°59	n.a.	S 15
M16	0 54 7	12°18'27	0♊48	29°44	29°39	3°41	14° 9	10°57	26°36	16°46	16°36	29°35	28°59	16° 6	n.a.	M16
T 17	0 58 4	13°19'19	12°42	1♏10	0♐40	4°26	14°14	10°59	26°37	16°48	16°36	29°29	28°56	16°12	n.a.	T 17
W18	1 2 1	14°20'12	24°31	2°35	1°40	5°12	14°19	11° 0	26°39	16°50	16°35	29°24	28°52	16°19	n.a.	W18
T 19	1 5 57	15°21'07	6♋19	3°59	2°40	5°57	14°25	11° 2	26°40	16°52	16°34	29°23	28°49	16°26	n.a.	T 19
F 20	1 9 54	16°22'04	18°13	5°22	3°39	6°43	14°31	11° 4	26°42	16°54	16°34	29°D22	28°46	16°33	n.a.	F 20
S 21	1 13 50	17°23'02	0♌18	6°44	4°38	7°28	14°37	11° 5	26°43	16°56	16°33	29°R22	28°43	16°39	n.a.	S 21
S 22	1 17 47	18°24'02	12°39	8° 5	5°36	8°14	14°43	11° 6	26°44	16°58	16°33	29°22	28°40	16°46	n.a.	S 22
M23	1 21 43	19°25'03	25°21	9°24	6°34	9° 0	14°49	11° 8	26°45	17° 0	16°32	29°19	28°37	16°53	n.a.	M23
T 24	1 25 40	20°26'06	8♍28	10°41	7°32	9°46	14°55	11° 9	26°46	17° 2	16°32	29°14	28°33	16°59	n.a.	T 24
W25	1 29 36	21°27'09	22° 2	11°57	8°29	10°32	15° 2	11°10	26°48	17° 5	16°32	29° 6	28°30	17° 6	n.a.	W25
T 26	1 33 33	22°28'14	6♎ 2	13°10	9°25	11°18	15° 9	11°10	26°49	17° 7	16°31	28°56	28°27	17°13	n.a.	T 26
F 27	1 37 30	23°29'20	20°26	14°20	10°21	12° 3	15°16	11°11	26°50	17° 9	16°31	28°44	28°24	17°19	n.a.	F 27
S 28	1 41 26	24°30'28	5♏ 6	15°28	11°17	12°49	15°23	11°12	26°50	17°11	16°31	28°32	28°21	17°26	n.a.	S 28
S 29	1 45 23	25°31'36	19°55	16°32	12°12	13°35	15°30	11°12	26°51	17°13	16°30	28°20	28°18	17°33	n.a.	S 29
M30	1 49 19	26°32'45	4♐44	17°32	13° 6	14°22	15°37	11°13	26°52	17°15	16°30	28°11	28°14	17°39	n.a.	M30
T 31	1 53 16	27♎33'54	19♐25	18♏28	13♐59	15♏ 8	15♑45	11♋13	26♋53	17♏17	16♒30	28♋ 5	28♋11	17♊46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	1n 9	10s24	5n 1	3s38	0s43	19s10	3s 4	9s 8	0s18	24s18	1s 8	23n47	0n22	21n53	0n38	15s31	1n32	31s41	16s31	20n14	20n32	19n16			n.a.
M 2	0 45	14 44	4 40	4 20	0 50	19 33	3 7	9 26	0 18	24 17	1 8	23 47	0 22	21 53	0 38	15 32	1 32	31 41	16 30	20 16	20 32	19 17			n.a.
T 3	0 20	18 12	4 1	5 3	0 56	19 55	3 9	9 43	0 19	24 17	1 8	23 47	0 22	21 53	0 38	15 32	1 32	31 41	16 30	20 17	20 33	19 19			n.a.
W 4	0s 4	20 32	3 7	5 45	1 2	20 17	3 12	10 0	0 20	24 16	1 8	23 47	0 22	21 52	0 38	15 33	1 32	31 41	16 30	20 17	20 34	19 20			n.a.
T 5	0 29	21 35	2 3	6 27	1 9	20 38	3 15	10 18	0 20	24 16	1 8	23 47	0 22	21 52	0 38	15 33	1 32	31 41	16 30	20 17	20 34	19 21			n.a.
F 6	0 53	21 16	0 51	7 8	1 15	20 58	3 17	10 35	0 21	24 16	1 8	23 47	0 23	21 51	0 38	15 34	1 32	31 41	16 29	20 17	20 35	19 23			n.a.
S 7	1 17	19 41	0s22	7 49	1 21	21 19	3 19	10 52	0 22	24 15	1 7	23 47	0 23	21 51	0 38	15 35	1 32	31 41	16 29	20 17	20 36	19 24			n.a.
S 8	1 42	16 57	1 33	8 30	1 27	21 38	3 22	11 9	0 22	24 15	1 7	23 47	0 23	21 51	0 38	15 35	1 32	31 41	16 29	20 17	20 37	19 25			n.a.
M 9	2 6	13 21	2 38	9 10	1 32	21 57	3 24	11 26	0 23	24 14	1 7	23 46	0 23	21 50	0 38	15 36	1 32	31 41	16 29	20 18	20 37	19 27			n.a.
T 10	2 31	9 7	3 33	9 49	1 38	22 16	3 26	11 43	0 24	24 14	1 7	23 46	0 23	21 50	0 38	15 36	1 32	31 41	16 28	20 19	20 38	19 28			n.a.
W11	2 55	4 31	4 16	10 28	1 43	22 34	3 28	12 0	0 24	24 13	1 7	23 46	0 23	21 50	0 38	15 37	1 32	31 41	16 28	20 22	20 39	19 29			n.a.
T 12	3 20	0n13	4 46	11 6	1 48	22 51	3 30	12 17	0 25	24 12	1 7	23 46	0 23	21 50	0 38	15 37	1 32	31 41	16 28	20 24	20 39	19 31			n.a.
F 13	3 44	4 51	5 0	11 44	1 53	23 8	3 31	12 33	0 26	24 12	1 7	23 46	0 24	21 49	0 38	15 38	1 32	31 41	16 27	20 27	20 40	19 32			n.a.
S 14	4 8	9 12	5 0	12 20	1 58	23 24	3 33	12 50	0 26	24 11	1 7	23 46	0 24	21 49	0 38	15 39	1 31	31 41	16 27	20 30	20 41	19 34			n.a.
S 15	4 32	13 7	4 46	12 57	2 2	23 39	3 34	13 6	0 27	24 11	1 7	23 46	0 24	21 49	0 38	15 39	1 31	31 41	16 27	20 32	20 41	19 35			n.a.
M16	4 56	16 26	4 19	13 32	2 6	23 54	3 35	13 23	0 27	24 10	1 6	23 46	0 24	21 48	0 38	15 40	1 31	31 41	16 27	20 34	20 42	19 36			n.a.
T 17	5 21	19 2	3 41	14 6	2 10	24 9	3 36	13 39	0 28	24 9	1 6	23 46	0 24	21 48	0 38	15 40	1 31	31 41	16 26	20 36	20 43	19 38			n.a.
W18	5 45	20 49	2 54	14 39	2 14	24 23	3 37	13 55	0 29	24 9	1 6	23 46	0 24	21 48	0 39	15 41	1 31	31 41	16 26	20 36	20 43	19 39			n.a.
T 19	6 8	21 42	1 59	15 12	2 17	24 36	3 38	14 11	0 29	24 8	1 6	23 46	0 24	21 48	0 39	15 42	1 31	31 40	16 26	20 37	20 44	19 40			n.a.
F 20	6 32	21 36	0 59	15 43	2 20	24 48	3 39	14 27	0 30	24 7	1 6	23 46	0 25	21 47	0 39	15 42	1 31	31 40	16 25	20 37	20 45	19 41			n.a.
S 21	6 56	20 30	0n 5	16 13	2 22	25 0	3 39	14 43	0 31	24 6	1 6	23 46	0 25	21 47	0 39	15 43	1 31	31 40	16 25	20 37	20 45	19 43			n.a.
S 22	7 20	18 24	1 10	16 42	2 24	25 12	3 40	14 58	0 31	24 5	1 6	23 46	0 25	21 47	0 39	15 43	1 31	31 40	16 25	20 37	20 46	19 44			n.a.
M23	7 43	15 22	2 13	17 9	2 26	25 22	3 40	15 14	0 32	24 5	1 6	23 46	0 25	21 47	0 39	15 44	1 31	31 40	16 24	20 38	20 46	19 45			n.a.
T 24	8 7	11 28	3 11	17 35	2 27	25 32	3 40	15 29	0 32	24 4	1 5	23 46	0 25	21 47	0 39	15 45	1 31	31 40	16 24	20 39	20 47	19 47			n.a.
W25	8 30	6 53	4 0	17 59	2 27	25 42	3 40	15 44	0 33	24 3	1 5	23 46	0 25	21 46	0 39	15 45	1 31	31 40	16 24	20 40	20 48	19 48			n.a.
T 26	8 53	1 47	4 37	18 22	2 27	25 50	3 40	16 0	0 34	24 2	1 5	23 46	0 25	21 46	0 39	15 46	1 31	31 39	16 23	20 42	20 48	19 49			n.a.
F 27	9 16	3s32	4 57	18 43	2 26	25 58	3 39	16 15	0 34	24 1	1 5	23 46	0 26	21 46	0 39	15 46	1 31	31 39	16 23	20 45	20 49	19 51			n.a.
S 28	9 39	8 45	4 58	19 1	2 24	26 6	3 38	16 29	0 35	24 0	1 5	23 47	0 26	21 46	0 39	15 47	1 31	31 39	16 23	20 48	20 50	19 52			n.a.
S 29	10 2	13 31	4 39	19 18	2 21	26 13	3 37	16 44	0 35	23 59	1 5	23 47	0 26	21 46	0 39	15 48	1 31	31 39	16 22	20 50	20 50	19 53			n.a.
M30	10 24	17 28	4 2	19 32	2 18	26 19	3 36	16 59	0 36	23 58	1 5	23 47	0 26	21 46	0 39	15 48	1 31	31 39	16 22	20 52	20 51	19 54			n.a.
T 31	10s47	20s16	3n 9	19s44	2s13	26s24	3s35	17s13	0s36	23s57	1s 5	23n47	0n26	21n46	0n39	15s49	1n31	31s38	16s22	20n53	20n52	19n56			n.a.

Julian Day Number = 1302754.5, Delta T = 07h48m49s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'51, Lahiri = -19°46'51 Julian Calendar 1 Oct. 1147 BCE == Greg. Calendar 20 Sept. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

NOVEMBER 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 57 12	28♎35'04	3♑53	19♏18	14♐52	15♏54	15♑53	11♋13	26♋54	17♏19	16°R29	28°R 1	28♋ 8	17♊53	n.a.	W 1
T 2	2 1 9	29°36'15	18° 4	20° 3	15°44	16°40	16° 1	11°R13	26°54	17°22	16♒29	28♋ 0	28° 5	17°59	n.a.	T 2
F 3	2 5 6	0♏37'26	1♒58	20°40	16°36	17°26	16° 9	11°13	26°55	17°24	16°29	28° 0	28° 2	18° 6	n.a.	F 3
S 4	2 9 2	1°38'38	15°34	21°10	17°26	18°13	16°17	11°13	26°55	17°26	16°29	27°59	27°58	18°13	n.a.	S 4
S 5	2 12 59	2°39'50	28°56	21°32	18°16	18°59	16°25	11°13	26°56	17°28	16°29	27°57	27°55	18°19	n.a.	S 5
M 6	2 16 55	3°41'02	12♓ 4	21°45	19° 5	19°45	16°34	11°13	26°56	17°30	16°28	27°53	27°52	18°26	n.a.	M 6
T 7	2 20 52	4°42'15	25° 0	21°R47	19°53	20°32	16°42	11°12	26°57	17°33	16°28	27°45	27°49	18°33	n.a.	T 7
W 8	2 24 48	5°43'28	7♈46	21°38	20°40	21°18	16°51	11°12	26°57	17°35	16°28	27°35	27°46	18°39	n.a.	W 8
T 9	2 28 45	6°44'41	20°20	21°19	21°27	22° 5	17° 0	11°11	26°57	17°37	16°28	27°22	27°43	18°46	n.a.	T 9
F 10	2 32 41	7°45'55	2♉45	20°47	22°12	22°51	17° 9	11°10	26°57	17°39	16°28	27° 7	27°39	18°53	n.a.	F 10
S 11	2 36 38	8°47'10	15° 0	20° 4	22°56	23°38	17°18	11° 9	26°57	17°42	16°D28	26°53	27°36	18°59	n.a.	S 11
S 12	2 40 35	9°48'24	27° 6	19°10	23°39	24°24	17°27	11° 8	26°57	17°44	16°28	26°40	27°33	19° 6	n.a.	S 12
M13	2 44 31	10°49'40	9♊ 3	18° 6	24°22	25°11	17°37	11° 7	26°R57	17°46	16°28	26°29	27°30	19°13	n.a.	M13
T 14	2 48 28	11°50'56	20°54	16°54	25° 3	25°57	17°46	11° 6	26°57	17°48	16°28	26°21	27°27	19°19	n.a.	T 14
W15	2 52 24	12°52'12	2♋41	15°36	25°42	26°44	17°56	11° 4	26°57	17°51	16°28	26°15	27°23	19°26	n.a.	W15
T 16	2 56 21	13°53'29	14°29	14°14	26°21	27°31	18° 6	11° 3	26°57	17°53	16°28	26°13	27°20	19°33	n.a.	T 16
F 17	3 0 17	14°54'46	26°21	12°52	26°58	28°18	18°16	11° 1	26°57	17°55	16°29	26°D12	27°17	19°39	n.a.	F 17
S 18	3 4 14	15°56'04	8♌23	11°32	27°34	29° 4	18°26	11° 0	26°57	17°57	16°29	26°12	27°14	19°46	n.a.	S 18
S 19	3 8 10	16°57'22	20°40	10°16	28° 8	29°51	18°36	10°58	26°56	18° 0	16°29	26°R12	27°11	19°53	n.a.	S 19
M20	3 12 7	17°58'40	3♍17	9° 7	28°41	0♐38	18°46	10°56	26°56	18° 2	16°29	26°11	27° 8	20° 0	n.a.	M20
T 21	3 16 4	18°59'59	16°20	8° 6	29°13	1°25	18°57	10°54	26°56	18° 4	16°29	26° 8	27° 4	20° 6	n.a.	T 21
W22	3 20 0	20° 1'18	29°52	7°15	29°43	2°12	19° 7	10°52	26°55	18° 7	16°30	26° 2	27° 1	20°13	n.a.	W22
T 23	3 23 57	21° 2'37	13♎53	6°35	0♑11	2°59	19°18	10°50	26°55	18° 9	16°30	25°54	26°58	20°20	n.a.	T 23
F 24	3 27 53	22° 3'56	28°23	6° 4	0°38	3°46	19°28	10°48	26°54	18°11	16°30	25°44	26°55	20°26	n.a.	F 24
S 25	3 31 50	23° 5'15	13♏15	5°44	1° 3	4°33	19°39	10°45	26°53	18°13	16°31	25°34	26°52	20°33	n.a.	S 25
S 26	3 35 46	24° 6'35	28°22	5°34	1°26	5°20	19°50	10°43	26°53	18°16	16°31	25°24	26°49	20°40	n.a.	S 26
M27	3 39 43	25° 7'54	13♐32	5°D34	1°47	6° 7	20° 1	10°40	26°52	18°18	16°31	25°16	26°45	20°46	n.a.	M27
T 28	3 43 40	26° 9'13	28°37	5°42	2° 6	6°54	20°12	10°37	26°51	18°20	16°32	25°11	26°42	20°53	n.a.	T 28
W29	3 47 36	27°10'31	13♑27	5°58	2°23	7°41	20°24	10°35	26°50	18°22	16°32	25° 8	26°39	21° 0	n.a.	W29
T 30	3 51 33	28♏11'49	27♑56	6♏22	2♑38	8♐28	20♑35	10♋32	26♋49	18♏25	16♒32	25°D 8	26♋36	21♊ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 9	21s43	2n 4	19s53	2s 7	26s29	3s33	17s27	0s37	23s56	1s 5	23n47	0n26	21n46	0n39	15s50	1n31	31s38	16s21	20n54	20n52	19n57		n.a.
T 2	11 31	21 44	0 52	19 58	2 1	26 34	3 32	17 41	0 38	23 55	1 5	23 47	0 26	21 46	0 39	15 50	1 31	31 38	16 21	20 54	20 53	19 58		n.a.
F 3	11 53	20 23	0s21	20 1	1 53	26 37	3 30	17 55	0 38	23 54	1 4	23 47	0 27	21 45	0 39	15 51	1 31	31 38	16 21	20 54	20 54	20 0		n.a.
S 4	12 14	17 53	1 32	20 0	1 43	26 40	3 28	18 9	0 39	23 53	1 4	23 47	0 27	21 45	0 39	15 52	1 31	31 37	16 20	20 54	20 54	20 1		n.a.
S 5	12 36	14 27	2 36	19 56	1 33	26 42	3 25	18 23	0 39	23 52	1 4	23 48	0 27	21 45	0 39	15 52	1 31	31 37	16 20	20 55	20 55	20 2		n.a.
M 6	12 57	10 22	3 30	19 47	1 20	26 44	3 22	18 36	0 40	23 51	1 4	23 48	0 27	21 45	0 39	15 53	1 31	31 37	16 20	20 55	20 56	20 3		n.a.
T 7	13 18	5 53	4 13	19 35	1 7	26 45	3 20	18 49	0 40	23 49	1 4	23 48	0 27	21 45	0 39	15 54	1 31	31 37	16 19	20 57	20 56	20 5		n.a.
W 8	13 39	1 11	4 43	19 18	0 52	26 46	3 16	19 2	0 41	23 48	1 4	23 48	0 27	21 45	0 39	15 54	1 31	31 36	16 19	20 59	20 57	20 6		n.a.
T 9	13 59	3n29	4 58	18 57	0 35	26 45	3 13	19 15	0 42	23 47	1 4	23 48	0 27	21 45	0 39	15 55	1 31	31 36	16 19	21 2	20 58	20 7		n.a.
F 10	14 20	7 57	4 59	18 31	0 17	26 45	3 9	19 28	0 42	23 46	1 4	23 49	0 28	21 45	0 40	15 55	1 31	31 36	16 18	21 5	20 58	20 8		n.a.
S 11	14 40	12 3	4 45	18 1	0n 2	26 43	3 5	19 40	0 43	23 44	1 4	23 49	0 28	21 45	0 40	15 56	1 31	31 35	16 18	21 7	20 59	20 10		n.a.
S 12	14 59	15 37	4 20	17 27	0 22	26 41	3 1	19 53	0 43	23 43	1 4	23 49	0 28	21 45	0 40	15 57	1 31	31 35	16 18	21 10	20 59	20 11		n.a.
M13	15 19	18 30	3 42	16 50	0 42	26 39	2 56	20 5	0 44	23 42	1 3	23 49	0 28	21 45	0 40	15 57	1 31	31 35	16 17	21 12	21 0	20 12		n.a.
T 14	15 38	20 35	2 56	16 10	1 2	26 36	2 52	20 16	0 44	23 40	1 3	23 50	0 28	21 45	0 40	15 58	1 31	31 34	16 17	21 14	21 1	20 13		n.a.
W15	15 57	21 47	2 1	15 28	1 22	26 32	2 46	20 28	0 45	23 39	1 3	23 50	0 28	21 45	0 40	15 59	1 31	31 34	16 17	21 15	21 1	20 15		n.a.
T 16	16 16	22 0	1 2	14 46	1 41	26 28	2 41	20 39	0 45	23 38	1 3	23 50	0 29	21 46	0 40	15 59	1 31	31 34	16 16	21 15	21 2	20 16		n.a.
F 17	16 34	21 14	0n 1	14 4	1 59	26 23	2 35	20 51	0 46	23 36	1 3	23 50	0 29	21 46	0 40	16 0	1 31	31 33	16 16	21 15	21 3	20 17		n.a.
S 18	16 53	19 30	1 4	13 24	2 15	26 18	2 29	21 2	0 46	23 35	1 3	23 51	0 29	21 46	0 40	16 1	1 31	31 33	16 16	21 15	21 3	20 18		n.a.
S 19	17 10	16 50	2 6	12 47	2 29	26 12	2 23	21 12	0 47	23 33	1 3	23 51	0 29	21 46	0 40	16 1	1 31	31 32	16 15	21 15	21 4	20 19		n.a.
M20	17 28	13 19	3 4	12 14	2 40	26 5	2 16	21 23	0 47	23 32	1 3	23 51	0 29	21 46	0 40	16 2	1 31	31 32	16 15	21 15	21 4	20 21		n.a.
T 21	17 45	9 4	3 54	11 46	2 49	25 58	2 9	21 33	0 48	23 30	1 3	23 52	0 29	21 46	0 40	16 3	1 31	31 32	16 14	21 16	21 5	20 22		n.a.
W22	18 2	4 13	4 33	11 23	2 56	25 51	2 1	21 43	0 48	23 29	1 3	23 52	0 29	21 46	0 40	16 3	1 31	31 31	16 14	21 17	21 6	20 23		n.a.
T 23	18 19	1s 1	4 57	11 5	3 1	25 43	1 53	21 53	0 49	23 27	1 3	23 52	0 30	21 46	0 40	16 4	1 31	31 31	16 14	21 19	21 6	20 24		n.a.
F 24	18 35	6 21	5 3	10 52	3 4	25 35	1 45	22 3	0 49	23 25	1 3	23 53	0 30	21 46	0 40	16 5	1 31	31 30	16 13	21 21	21 7	20 25		n.a.
S 25	18 51	11 28	4 49	10 45	3 5	25 26	1 37	22 12	0 49	23 24	1 2	23 53	0 30	21 47	0 40	16 5	1 31	31 30	16 13	21 23	21 8	20 27		n.a.
S 26	19 6	15 58	4 15	10 42	3 4	25 17	1 28	22 21	0 50	23 22	1 2	23 53	0 30	21 47	0 40	16 6	1 31	31 29	16 13	21 24	21 8	20 28		n.a.
M27	19 22	19 26	3 23	10 44	3 2	25 7	1 18	22 30	0 50	23 20	1 2	23 54	0 30	21 47	0 40	16 6	1 31	31 29	16 12	21 26	21 9	20 29		n.a.
T 28	19 36	21 32	2 17	10 50	2 59	24 57	1 9	22 39	0 51	23 18	1 2	23 54	0 30	21 47	0 40	16 7	1 31	31 29	16 12	21 27	21 9	20 30		n.a.
W29	19 51	22 6	1 2	10 59	2 55	24 47	0 58	22 47	0 51	23 17	1 2	23 54	0 30	21 47	0 40	16 8	1 31	31 28	16 12	21 27	21 10	20 31		n.a.
T 30	20s 5	21s10	0s15	11s12	2n49	24s36	0s48	22s56	0s52	23s15	1s 2	23n55	0n31	21n48	0n40	16s 8	1n31	31s28	16s11	21n27	21n11	20n32		n.a.

Julian Day Number = 1302785.5, Delta T = 07h48m48s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'47, Lahiri = -19°46'47 Julian Calendar 1 Nov. 1147 BCE == Greg. Calendar 21 Oct. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1147 BCE
geocentric

DECEMBER 1147 BCE (-1146) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 29	29♏13'06	12♒ 1	6♏52	2♑51	9♐15	20♑47	10°R29	26°R48	18♏27	16♒33	25♋ 8	26♋33	21♊13	n.a.	F 1
S 2	3 59 26	0♐14'23	25°43	7°28	3° 2	10° 2	20°58	10♋26	26♋47	18°29	16°33	25°R 9	26°29	21°20	n.a.	S 2
S 3	4 3 22	1°15'38	9♓ 3	8°10	3°10	10°49	21°10	10°23	26°46	18°31	16°34	25° 9	26°26	21°26	n.a.	S 3
M 4	4 7 19	2°16'53	22° 4	8°57	3°16	11°37	21°22	10°19	26°45	18°34	16°34	25° 7	26°23	21°33	n.a.	M 4
T 5	4 11 15	3°18'07	4♈48	9°48	3°20	12°24	21°33	10°16	26°44	18°36	16°35	25° 2	26°20	21°40	n.a.	T 5
W 6	4 15 12	4°19'20	17°19	10°42	3°R21	13°11	21°45	10°13	26°42	18°38	16°36	24°56	26°17	21°46	n.a.	W 6
T 7	4 19 9	5°20'33	29°38	11°41	3°20	13°58	21°57	10° 9	26°41	18°40	16°36	24°47	26°14	21°53	n.a.	T 7
F 8	4 23 5	6°21'44	11♉49	12°42	3°16	14°45	22° 9	10° 6	26°40	18°42	16°37	24°37	26°10	22° 0	n.a.	F 8
S 9	4 27 2	7°22'55	23°52	13°46	3° 9	15°33	22°22	10° 2	26°38	18°45	16°38	24°28	26° 7	22° 6	n.a.	S 9
S 10	4 30 58	8°24'06	5♊48	14°53	3° 0	16°20	22°34	9°58	26°37	18°47	16°38	24°19	26° 4	22°13	n.a.	S 10
M11	4 34 55	9°25'15	17°40	16° 2	2°49	17° 7	22°46	9°54	26°36	18°49	16°39	24°11	26° 1	22°20	n.a.	M11
T 12	4 38 51	10°26'24	29°29	17°13	2°35	17°55	22°59	9°51	26°34	18°51	16°40	24° 6	25°58	22°26	n.a.	T 12
W13	4 42 48	11°27'32	11♋17	18°26	2°18	18°42	23°11	9°47	26°32	18°53	16°40	24° 3	25°55	22°33	n.a.	W13
T 14	4 46 45	12°28'39	23° 7	19°40	1°59	19°29	23°24	9°43	26°31	18°55	16°41	24°D 2	25°51	22°40	n.a.	T 14
F 15	4 50 41	13°29'46	5♌ 2	20°56	1°38	20°16	23°36	9°39	26°29	18°57	16°42	24° 3	25°48	22°46	n.a.	F 15
S 16	4 54 38	14°30'51	17° 5	22°14	1°14	21° 4	23°49	9°34	26°28	19° 0	16°43	24° 4	25°45	22°53	n.a.	S 16
S 17	4 58 34	15°31'56	29°21	23°33	0°49	21°51	24° 2	9°30	26°26	19° 2	16°43	24° 6	25°42	23° 0	n.a.	S 17
M18	5 2 31	16°33'00	11♍56	24°53	0°21	22°39	24°15	9°26	26°24	19° 4	16°44	24°R 7	25°39	23° 6	n.a.	M18
T 19	5 6 27	17°34'04	24°52	26°14	29♐51	23°26	24°28	9°22	26°22	19° 6	16°45	24° 7	25°35	23°13	n.a.	T 19
W20	5 10 24	18°35'07	8♎15	27°37	29°20	24°13	24°41	9°17	26°20	19° 8	16°46	24° 5	25°32	23°20	n.a.	W20
T 21	5 14 20	19°36'08	22° 6	29° 0	28°47	25° 1	24°54	9°13	26°18	19°10	16°47	24° 2	25°29	23°26	n.a.	T 21
F 22	5 18 17	20°37'09	6♏26	0♐25	28°13	25°48	25° 7	9° 9	26°16	19°12	16°48	23°57	25°26	23°33	n.a.	F 22
S 23	5 22 14	21°38'09	21°12	1°50	27°37	26°35	25°20	9° 4	26°14	19°14	16°49	23°52	25°23	23°40	n.a.	S 23
S 24	5 26 10	22°39'08	6♐16	3°16	27° 1	27°23	25°33	9° 0	26°12	19°16	16°50	23°47	25°20	23°46	n.a.	S 24
M25	5 30 7	23°40'06	21°32	4°43	26°24	28°10	25°47	8°55	26°10	19°18	16°51	23°44	25°16	23°53	n.a.	M25
T 26	5 34 3	24°41'03	6♑47	6°11	25°47	28°58	26° 0	8°50	26° 8	19°20	16°52	23°41	25°13	24° 0	n.a.	T 26
W27	5 38 0	25°41'59	21°52	7°40	25°10	29°45	26°14	8°46	26° 6	19°22	16°53	23°D40	25°10	24° 6	n.a.	W27
T 28	5 41 56	26°42'52	6♒38	9°10	24°33	0♑32	26°27	8°41	26° 4	19°24	16°54	23°41	25° 7	24°13	n.a.	T 28
F 29	5 45 53	27°43'44	21° 1	10°40	23°56	1°20	26°41	8°36	26° 2	19°26	16°55	23°42	25° 4	24°20	n.a.	F 29
S 30	5 49 50	28°44'35	4♓56	12°11	23°20	2° 7	26°54	8°32	26° 0	19°27	16°56	23°44	25° 1	24°26	n.a.	S 30
S 31	5 53 46	29♐45'23	18♓26	13♐43	22♐45	2♑55	27♑ 8	8♋27	25♋57	19♏29	16♒57	23♋45	24♋57	24♊33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s19	18s54	1s29	11s27	2n44	24s25	0s37	23s 3	0s52	23s13	1s 2	23n55	0n31	21n48	0n40	16s 9	1n31	31s27	16s11	21n27	21n11	20n34		n.a.
S 2	20 32	15 36	2 37	11 45	2 37	24 13	0 26	23 11	0 53	23 11	1 2	23 56	0 31	21 48	0 40	16 10	1 31	31 27	16 11	21 27	21 12	20 35		n.a.
S 3	20 45	11 35	3 33	12 6	2 30	24 1	0 14	23 18	0 53	23 9	1 2	23 56	0 31	21 48	0 40	16 10	1 31	31 26	16 10	21 27	21 13	20 36		n.a.
M 4	20 57	7 8	4 18	12 28	2 23	23 49	0 2	23 25	0 53	23 7	1 2	23 56	0 31	21 49	0 41	16 11	1 31	31 26	16 10	21 28	21 13	20 37		n.a.
T 5	21 10	2 27	4 48	12 51	2 15	23 36	0n11	23 32	0 54	23 5	1 2	23 57	0 31	21 49	0 41	16 11	1 31	31 25	16 10	21 28	21 14	20 38		n.a.
W 6	21 21	2n14	5 4	13 16	2 7	23 23	0 24	23 39	0 54	23 3	1 2	23 57	0 31	21 49	0 41	16 12	1 31	31 25	16 9	21 30	21 14	20 39		n.a.
T 7	21 33	6 46	5 6	13 42	1 59	23 10	0 37	23 45	0 55	23 1	1 2	23 58	0 32	21 49	0 41	16 13	1 31	31 24	16 9	21 31	21 15	20 40		n.a.
F 8	21 43	10 59	4 53	14 9	1 51	22 57	0 51	23 51	0 55	22 59	1 2	23 58	0 32	21 50	0 41	16 13	1 31	31 24	16 9	21 33	21 16	20 42		n.a.
S 9	21 54	14 43	4 28	14 36	1 42	22 43	1 5	23 57	0 55	22 57	1 2	23 58	0 32	21 50	0 41	16 14	1 31	31 23	16 8	21 35	21 16	20 43		n.a.
S 10	22 4	17 50	3 51	15 4	1 34	22 29	1 19	24 2	0 56	22 55	1 2	23 59	0 32	21 50	0 41	16 14	1 31	31 23	16 8	21 36	21 17	20 44		n.a.
M11	22 13	20 12	3 4	15 33	1 25	22 15	1 33	24 7	0 56	22 53	1 2	23 59	0 32	21 51	0 41	16 15	1 31	31 22	16 8	21 38	21 17	20 45		n.a.
T 12	22 23	21 41	2 9	16 1	1 17	22 0	1 48	24 12	0 56	22 51	1 1	24 0	0 32	21 51	0 41	16 16	1 31	31 22	16 7	21 39	21 18	20 46		n.a.
W13	22 31	22 12	1 9	16 30	1 8	21 45	2 3	24 17	0 57	22 49	1 1	24 0	0 32	21 51	0 41	16 16	1 31	31 21	16 7	21 39	21 19	20 47		n.a.
T 14	22 40	21 44	0 5	16 59	1 0	21 31	2 18	24 21	0 57	22 46	1 1	24 1	0 33	21 52	0 41	16 17	1 31	31 20	16 7	21 39	21 19	20 48		n.a.
F 15	22 47	20 17	1n 0	17 28	0 51	21 16	2 34	24 25	0 57	22 44	1 1	24 1	0 33	21 52	0 41	16 17	1 31	31 20	16 6	21 39	21 20	20 49		n.a.
S 16	22 55	17 54	2 2	17 56	0 43	21 1	2 49	24 29	0 58	22 42	1 1	24 1	0 33	21 52	0 41	16 18	1 31	31 19	16 6	21 39	21 20	20 50		n.a.
S 17	23 2	14 42	3 1	18 24	0 35	20 45	3 4	24 32	0 58	22 40	1 1	24 2	0 33	21 53	0 41	16 19	1 31	31 19	16 6	21 39	21 21	20 52		n.a.
M18	23 8	10 46	3 52	18 52	0 27	20 30	3 20	24 36	0 58	22 37	1 1	24 2	0 33	21 53	0 41	16 19	1 31	31 18	16 6	21 38	21 22	20 53		n.a.
T 19	23 14	6 14	4 33	19 20	0 18	20 15	3 35	24 38	0 59	22 35	1 1	24 3	0 33	21 54	0 41	16 20	1 31	31 18	16 5	21 38	21 22	20 54		n.a.
W20	23 20	1 16	5 1	19 47	0 11	20 0	3 50	24 41	0 59	22 32	1 1	24 3	0 33	21 54	0 41	16 20	1 31	31 17	16 5	21 39	21 23	20 55		n.a.
T 21	23 25	3s56	5 12	20 13	0 3	19 45	4 5	24 43	0 59	22 30	1 1	24 4	0 33	21 54	0 41	16 21	1 31	31 17	16 5	21 39	21 23	20 56		n.a.
F 22	23 29	9 5	5 5	20 39	0s 5	19 30	4 19	24 45	1 0	22 28	1 1	24 4	0 34	21 55	0 41	16 21	1 31	31 16	16 4	21 40	21 24	20 57		n.a.
S 23	23 34	13 53	4 38	21 4	0 12	19 15	4 33	24 47	1 0	22 25	1 1	24 4	0 34	21 55	0 41	16 22	1 31	31 15	16 4	21 41	21 25	20 58		n.a.
S 24	23 37	17 55	3 51	21 28	0 20	19 1	4 47	24 48	1 0	22 23	1 1	24 5	0 34	21 56	0 41	16 22	1 31	31 15	16 4	21 42	21 25	20 59		n.a.
M25	23 41	20 46	2 47	21 52	0 27	18 47	5 0	24 49	1 0	22 20	1 1	24 5	0 34	21 56	0 41	16 23	1 31	31 14	16 3	21 42	21 26	21 0		n.a.
T 26	23 43	22 8	1 31	22 15	0 34	18 33	5 13	24 50	1 1	22 18	1 1	24 6	0 34	21 56	0 41	16 23	1 31	31 14	16 3	21 43	21 26	21 1		n.a.
W27	23 46	21 51	0 10	22 37	0 41	18 20	5 25	24 51	1 1	22 15	1 1	24 6	0 34	21 57	0 41	16 24	1 31	31 13	16 3	21 43	21 27	21 2		n.a.
T 28	23 47	20 3	1s11	22 58	0 47	18 7	5 36	24 51	1 1	22 12	1 1	24 7	0 34	21 57	0 41	16 24	1 31	31 12	16 3	21 43	21 28	21 3		n.a.
F 29	23 49	17 0	2 25	23 18	0 54	17 55	5 47	24 51	1 2	22 10	1 1	24 7	0 34	21 58	0 41	16 25	1 31	31 12	16 2	21 43	21 28	21 4		n.a.
S 30	23 49	13 4	3 28	23 36	1 0	17 43	5 57	24 51	1 2	22 7	1 1	24 8	0 35	21 58	0 41	16 25	1 31	31 11	16 2	21 42	21 29	21 5		n.a.
S 31	23s50	8s35	4s17	23s54	1s 6	17s32	6n 6	24s50	1s 2	22s 4	1s 1	24n 8	0n35	21n59	0n41	16s26	1n31	31s11	16s 2	21n42	21n29	21n 7		n.a.

Julian Day Number = 1302815.5, Delta T = 07h48m46s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'43, Lahiri = -19°46'43 Julian Calendar 1 Dec. 1147 BCE == Greg. Calendar 20 Nov. 1147 BCE

The year -1146 astronomical counting style corresponds to year 1147 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

JANUARY 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 57 43	0♑46'10	1♈30	15♐16	22°R11	3♑42	27♑21	8°R22	25°R55	19♏31	16♒58	23°R45	24♋54	24♊40	n.a.	M 1
T 2	6 1 39	1°46'55	14°14	16°50	21♐38	4°29	27°35	8♋17	25♋53	19°33	16°59	23♋45	24°51	24°46	n.a.	T 2
W 3	6 5 36	2°47'39	26°39	18°24	21° 7	5°17	27°49	8°12	25°51	19°35	17° 0	23°43	24°48	24°53	n.a.	W 3
T 4	6 9 32	3°48'20	8♉51	19°59	20°37	6° 4	28° 3	8° 7	25°48	19°36	17° 1	23°41	24°45	25° 0	n.a.	T 4
F 5	6 13 29	4°49'00	20°53	21°35	20° 9	6°51	28°17	8° 3	25°46	19°38	17° 3	23°38	24°41	25° 6	n.a.	F 5
S 6	6 17 25	5°49'38	2♊47	23°12	19°44	7°39	28°30	7°58	25°43	19°40	17° 4	23°34	24°38	25°13	n.a.	S 6
S 7	6 21 22	6°50'14	14°38	24°50	19°20	8°26	28°44	7°53	25°41	19°42	17° 5	23°32	24°35	25°20	n.a.	S 7
M 8	6 25 19	7°50'48	26°27	26°28	18°59	9°13	28°58	7°48	25°39	19°43	17° 6	23°29	24°32	25°26	n.a.	M 8
T 9	6 29 15	8°51'21	8♋16	28° 7	18°40	10° 1	29°12	7°43	25°36	19°45	17° 7	23°28	24°29	25°33	n.a.	T 9
W10	6 33 12	9°51'52	20° 8	29°48	18°24	10°48	29°26	7°38	25°34	19°47	17° 9	23°D27	24°26	25°40	n.a.	W10
T 11	6 37 8	10°52'21	2♌ 4	1♑29	18°10	11°35	29°40	7°34	25°31	19°48	17°10	23°28	24°22	25°46	n.a.	T 11
F 12	6 41 5	11°52'49	14° 7	3°11	17°58	12°22	29°54	7°29	25°29	19°50	17°11	23°28	24°19	25°53	n.a.	F 12
S 13	6 45 1	12°53'15	26°19	4°54	17°49	13°10	0♒ 9	7°24	25°26	19°51	17°12	23°29	24°16	26° 0	n.a.	S 13
S 14	6 48 58	13°53'39	8♍43	6°38	17°43	13°57	0°23	7°19	25°23	19°53	17°14	23°30	24°13	26° 6	n.a.	S 14
M15	6 52 54	14°54'01	21°22	8°23	17°39	14°44	0°37	7°14	25°21	19°54	17°15	23°31	24°10	26°13	n.a.	M15
T 16	6 56 51	15°54'22	4♎19	10° 9	17°D38	15°31	0°51	7° 9	25°18	19°56	17°16	23°32	24° 7	26°20	n.a.	T 16
W17	7 0 48	16°54'42	17°37	11°55	17°39	16°19	1° 5	7° 5	25°16	19°57	17°18	23°R32	24° 3	26°26	n.a.	W17
T 18	7 4 44	17°55'00	1♏18	13°43	17°42	17° 6	1°20	7° 0	25°13	19°59	17°19	23°32	24° 0	26°33	n.a.	T 18
F 19	7 8 41	18°55'16	15°22	15°32	17°48	17°53	1°34	6°55	25°11	20° 0	17°20	23°31	23°57	26°40	n.a.	F 19
S 20	7 12 37	19°55'30	29°50	17°22	17°56	18°40	1°48	6°51	25° 8	20° 1	17°22	23°31	23°54	26°46	n.a.	S 20
S 21	7 16 34	20°55'43	14♐37	19°13	18° 6	19°27	2° 3	6°46	25° 5	20° 3	17°23	23°31	23°51	26°53	n.a.	S 21
M22	7 20 30	21°55'55	29°38	21° 4	18°18	20°14	2°17	6°41	25° 3	20° 4	17°24	23°30	23°47	27° 0	n.a.	M22
T 23	7 24 27	22°56'04	14♑44	22°57	18°33	21° 1	2°31	6°37	25° 0	20° 5	17°26	23°30	23°44	27° 6	n.a.	T 23
W24	7 28 23	23°56'12	29°46	24°50	18°49	21°49	2°46	6°32	24°57	20° 7	17°27	23°30	23°41	27°13	n.a.	W24
T 25	7 32 20	24°56'17	14♒37	26°45	19° 8	22°36	3° 0	6°28	24°55	20° 8	17°29	23°30	23°38	27°20	n.a.	T 25
F 26	7 36 17	25°56'20	29° 8	28°40	19°28	23°23	3°14	6°23	24°52	20° 9	17°30	23°30	23°35	27°26	n.a.	F 26
S 27	7 40 13	26°56'21	13♓15	0♒36	19°50	24°10	3°29	6°19	24°50	20°10	17°32	23°30	23°32	27°33	n.a.	S 27
S 28	7 44 10	27°56'20	26°55	2°32	20°14	24°57	3°43	6°14	24°47	20°11	17°33	23°29	23°28	27°40	n.a.	S 28
M29	7 48 6	28°56'16	10♈ 8	4°29	20°40	25°44	3°58	6°10	24°44	20°13	17°34	23°29	23°25	27°46	n.a.	M29
T 30	7 52 3	29°56'10	22°57	6°26	21° 8	26°30	4°12	6° 6	24°42	20°14	17°36	23°29	23°22	27°53	n.a.	T 30
W31	7 55 59	0♒56'01	5♉25	8♒23	21♐37	27♑17	4♒27	6♋ 2	24♋39	20♏15	17♒37	23°D29	23♋19	28♊ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s50	3s51	4s52	24s11	1s11	17s22	6n14	24s49	1s 2	22s 2	1s 1	24n 8	0n35	21n59	0n41	16s26	1n31	31s10	16s 2	21n42	21n30	21n 8			n.a.
T 2	23 49	0n56	5 11	24 26	1 17	17 13	6 22	24 48	1 2	21 59	1 1	24 9	0 35	22 0	0 41	16 27	1 31	31 10	16 1	21 42	21 30	21 9			n.a.
W 3	23 48	5 33	5 15	24 40	1 22	17 4	6 29	24 46	1 3	21 56	1 1	24 9	0 35	22 0	0 41	16 27	1 31	31 9	16 1	21 43	21 31	21 10			n.a.
T 4	23 46	9 53	5 4	24 53	1 27	16 56	6 35	24 44	1 3	21 53	1 1	24 10	0 35	22 1	0 41	16 28	1 31	31 8	16 1	21 43	21 32	21 11			n.a.
F 5	23 44	13 45	4 41	25 5	1 31	16 49	6 40	24 42	1 3	21 50	1 1	24 10	0 35	22 1	0 41	16 28	1 31	31 8	16 1	21 44	21 32	21 12			n.a.
S 6	23 42	17 3	4 5	25 15	1 36	16 43	6 44	24 39	1 3	21 47	1 1	24 10	0 35	22 1	0 42	16 29	1 31	31 7	16 0	21 44	21 33	21 13			n.a.
S 7	23 39	19 38	3 19	25 23	1 40	16 37	6 48	24 37	1 3	21 45	1 1	24 11	0 35	22 2	0 42	16 29	1 31	31 7	16 0	21 45	21 33	21 14			n.a.
M 8	23 36	21 23	2 24	25 30	1 43	16 33	6 51	24 34	1 4	21 42	1 1	24 11	0 36	22 2	0 42	16 29	1 31	31 6	16 0	21 45	21 34	21 15			n.a.
T 9	23 32	22 11	1 23	25 36	1 47	16 29	6 53	24 30	1 4	21 39	1 1	24 12	0 36	22 3	0 42	16 30	1 31	31 5	16 0	21 45	21 34	21 16			n.a.
W10	23 27	21 59	0 18	25 40	1 50	16 26	6 54	24 27	1 4	21 36	1 1	24 12	0 36	22 3	0 42	16 30	1 31	31 5	16 0	21 45	21 35	21 17			n.a.
T 11	23 23	20 48	0n48	25 42	1 53	16 24	6 55	24 23	1 4	21 33	1 1	24 12	0 36	22 4	0 42	16 31	1 31	31 4	15 59	21 45	21 36	21 18			n.a.
F 12	23 17	18 39	1 52	25 42	1 55	16 23	6 55	24 19	1 4	21 30	1 1	24 13	0 36	22 4	0 42	16 31	1 31	31 3	15 59	21 45	21 36	21 19			n.a.
S 13	23 12	15 39	2 53	25 41	1 57	16 22	6 55	24 14	1 4	21 27	1 1	24 13	0 36	22 5	0 42	16 31	1 31	31 3	15 59	21 45	21 37	21 20			n.a.
S 14	23 5	11 55	3 46	25 38	1 58	16 23	6 54	24 9	1 5	21 24	1 1	24 14	0 36	22 5	0 42	16 32	1 31	31 2	15 59	21 45	21 37	21 21			n.a.
M15	22 59	7 35	4 29	25 33	2 0	16 24	6 53	24 4	1 5	21 20	1 1	24 14	0 36	22 6	0 42	16 32	1 31	31 2	15 59	21 45	21 38	21 22			n.a.
T 16	22 52	2 50	5 0	25 26	2 0	16 26	6 51	23 59	1 5	21 17	1 1	24 14	0 36	22 6	0 42	16 33	1 31	31 1	15 59	21 45	21 38	21 23			n.a.
W17	22 44	2s10	5 16	25 17	2 1	16 28	6 48	23 53	1 5	21 14	1 1	24 15	0 36	22 7	0 42	16 33	1 31	31 0	15 58	21 45	21 39	21 24			n.a.
T 18	22 36	7 12	5 15	25 6	2 1	16 31	6 45	23 48	1 5	21 11	1 1	24 15	0 37	22 7	0 42	16 33	1 32	31 0	15 58	21 45	21 40	21 24			n.a.
F 19	22 28	12 1	4 55	24 54	2 0	16 35	6 42	23 41	1 5	21 8	1 1	24 15	0 37	22 8	0 42	16 34	1 32	30 59	15 58	21 45	21 40	21 25			n.a.
S 20	22 19	16 16	4 16	24 39	1 59	16 39	6 38	23 35	1 5	21 5	1 1	24 16	0 37	22 8	0 42	16 34	1 32	30 59	15 58	21 45	21 41	21 26			n.a.
S 21	22 10	19 37	3 20	24 22	1 57	16 44	6 35	23 28	1 5	21 1	1 1	24 16	0 37	22 9	0 42	16 34	1 32	30 58	15 58	21 45	21 41	21 27			n.a.
M22	22 1	21 41	2 9	24 3	1 55	16 50	6 30	23 21	1 5	20 58	1 1	24 16	0 37	22 9	0 42	16 35	1 32	30 57	15 58	21 45	21 42	21 28			n.a.
T 23	21 51	22 12	0 49	23 41	1 52	16 55	6 26	23 14	1 6	20 55	1 1	24 17	0 37	22 10	0 42	16 35	1 32	30 57	15 57	21 45	21 42	21 29			n.a.
W24	21 40	21 6	0s35	23 18	1 49	17 2	6 21	23 7	1 6	20 51	1 1	24 17	0 37	22 10	0 42	16 35	1 32	30 56	15 57	21 45	21 43	21 30			n.a.
T 25	21 29	18 32	1 55	22 52	1 45	17 8	6 16	22 59	1 6	20 48	1 1	24 17	0 37	22 11	0 42	16 36	1 32	30 56	15 57	21 45	21 43	21 31			n.a.
F 26	21 18	14 51	3 6	22 24	1 41	17 15	6 10	22 51	1 6	20 45	1 1	24 18	0 37	22 11	0 42	16 36	1 32	30 55	15 57	21 45	21 44	21 32			n.a.
S 27	21 7	10 25	4 3	21 55	1 36	17 22	6 5	22 43	1 6	20 41	1 2	24 18	0 37	22 12	0 42	16 36	1 32	30 55	15 57	21 45	21 45	21 33			n.a.
S 28	20 55	5 35	4 44	21 23	1 30	17 30	5 59	22 34	1 6	20 38	1 2	24 18	0 37	22 12	0 42	16 36	1 32	30 54	15 57	21 45	21 45	21 34			n.a.
M29	20 42	0 39	5 9	20 49	1 24	17 37	5 53	22 25	1 6	20 35	1 2	24 18	0 38	22 13	0 42	16 37	1 32	30 53	15 57	21 45	21 46	21 35			n.a.
T 30	20 30	4n 9	5 18	20 12	1 17	17 45	5 47	22 16	1 6	20 31	1 2	24 19	0 38	22 13	0 42	16 37	1 32	30 53	15 57	21 45	21 46	21 36			n.a.
W31	20s17	8n40	5s11	19s35	1s 9	17s53	5n41	22s 7	1s 6	20s28	1s 2	24n19	0n38	22n14	0n42	16s37	1n32	30s52	15s57	21n45	21n47	21n37			n.a.

Julian Day Number = 1302846.5, Delta T = 07h48m45s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'39, Lahiri = -19°46'39 Julian Calendar 1 Jan. 1146 BCE == Greg. Calendar 21 Dec. 1147 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

FEBRUARY 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 56	1♒55'50	17♉36	10♒20	22♐ 7	28♉ 4	4♒41	5°R58	24°R36	20♏16	17♒39	23♋29	23♋16	28♊ 6	n.a.	T 1
F 2	8 3 52	2°55'37	29°35	12°17	22°39	28°51	4°55	5♋53	24♋34	20°17	17°40	23°30	23°13	28°13	n.a.	F 2
S 3	8 7 49	3°55'21	11♊27	14°13	23°12	29°38	5°10	5°49	24°31	20°18	17°42	23°31	23° 9	28°20	n.a.	S 3
S 4	8 11 45	4°55'04	23°15	16° 8	23°47	0♒25	5°24	5°46	24°29	20°19	17°43	23°32	23° 6	28°26	n.a.	S 4
M 5	8 15 42	5°54'43	5♋ 3	18° 2	24°23	1°11	5°39	5°42	24°26	20°19	17°45	23°33	23° 3	28°33	n.a.	M 5
T 6	8 19 39	6°54'21	16°55	19°54	25° 0	1°58	5°53	5°38	24°24	20°20	17°46	23°33	23° 0	28°40	n.a.	T 6
W 7	8 23 35	7°53'56	28°53	21°44	25°39	2°45	6° 8	5°34	24°21	20°21	17°48	23°R33	22°57	28°46	n.a.	W 7
T 8	8 27 32	8°53'29	10♌59	23°32	26°18	3°32	6°22	5°31	24°19	20°22	17°49	23°33	22°53	28°53	n.a.	T 8
F 9	8 31 28	9°53'00	23°16	25°16	26°59	4°18	6°36	5°27	24°16	20°23	17°51	23°31	22°50	29° 0	n.a.	F 9
S 10	8 35 25	10°52'29	5♍43	26°57	27°41	5° 5	6°51	5°23	24°14	20°23	17°52	23°29	22°47	29° 6	n.a.	S 10
S 11	8 39 21	11°51'56	18°24	28°33	28°24	5°51	7° 5	5°20	24°11	20°24	17°54	23°26	22°44	29°13	n.a.	S 11
M12	8 43 18	12°51'20	1♎18	0♓ 6	29° 8	6°38	7°20	5°17	24° 9	20°25	17°55	23°23	22°41	29°19	n.a.	M12
T 13	8 47 14	13°50'43	14°26	1°33	29°53	7°24	7°34	5°13	24° 6	20°25	17°57	23°21	22°38	29°26	n.a.	T 13
W14	8 51 11	14°50'03	27°49	2°56	0♉38	8°11	7°49	5°10	24° 4	20°26	17°58	23°19	22°34	29°33	n.a.	W14
T 15	8 55 7	15°49'22	11♏29	4°12	1°25	8°57	8° 3	5° 7	24° 1	20°27	18° 0	23°D18	22°31	29°39	n.a.	T 15
F 16	8 59 4	16°48'39	25°24	5°23	2°12	9°44	8°17	5° 4	23°59	20°27	18° 1	23°18	22°28	29°46	n.a.	F 16
S 17	9 3 1	17°47'54	9♐35	6°27	3° 1	10°30	8°32	5° 1	23°57	20°28	18° 3	23°19	22°25	29°53	n.a.	S 17
S 18	9 6 57	18°47'08	24° 1	7°25	3°50	11°16	8°46	4°58	23°54	20°28	18° 4	23°21	22°22	29°59	n.a.	S 18
M19	9 10 54	19°46'19	8♉37	8°15	4°39	12° 3	9° 0	4°56	23°52	20°29	18° 6	23°22	22°18	0♋ 6	n.a.	M19
T 20	9 14 50	20°45'29	23°21	8°59	5°30	12°49	9°15	4°53	23°50	20°29	18° 7	23°R22	22°15	0°13	n.a.	T 20
W21	9 18 47	21°44'36	8♒ 4	9°36	6°21	13°35	9°29	4°50	23°48	20°29	18° 9	23°22	22°12	0°19	n.a.	W21
T 22	9 22 43	22°43'41	22°41	10° 5	7°13	14°21	9°43	4°48	23°45	20°30	18°10	23°20	22° 9	0°26	n.a.	T 22
F 23	9 26 40	23°42'44	7♓ 5	10°27	8° 5	15° 7	9°57	4°45	23°43	20°30	18°12	23°16	22° 6	0°33	n.a.	F 23
S 24	9 30 36	24°41'45	21°11	10°42	8°58	15°53	10°12	4°43	23°41	20°30	18°13	23°11	22° 3	0°39	n.a.	S 24
S 25	9 34 33	25°40'43	4♈53	10°50	9°52	16°40	10°26	4°41	23°39	20°30	18°15	23° 6	21°59	0°46	n.a.	S 25
M26	9 38 30	26°39'39	18°11	10°R51	10°46	17°26	10°40	4°39	23°37	20°31	18°16	23° 1	21°56	0°53	n.a.	M26
T 27	9 42 26	27°38'33	1♉ 4	10°44	11°41	18°11	10°54	4°37	23°35	20°31	18°18	22°57	21°53	0°59	n.a.	T 27
W28	9 46 23	28♒37'24	13♉36	10♓32	12♉36	18♒57	11♒ 8	4♋35	23♋33	20♏31	18♒19	22♋55	21♋50	1♋ 6	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 3	12n43	4s50	18s55	1s 1	18s 1	5n35	21s58	1s 6	20s24	1s 2	24n19	0n38	22n14	0n42	16s37	1n32	30s52	15s56	21n45	21n47	21n37		n.a.
F 2	19 49	16 13	4 17	18 13	0 52	18 9	5 28	21 48	1 6	20 21	1 2	24 20	0 38	22 15	0 42	16 38	1 32	30 51	15 56	21 45	21 48	21 38		n.a.
S 3	19 35	19 0	3 33	17 30	0 43	18 18	5 22	21 38	1 6	20 17	1 2	24 20	0 38	22 15	0 42	16 38	1 32	30 51	15 56	21 45	21 48	21 39		n.a.
S 4	19 21	20 59	2 40	16 46	0 32	18 26	5 15	21 28	1 6	20 14	1 2	24 20	0 38	22 16	0 42	16 38	1 32	30 50	15 56	21 45	21 49	21 40		n.a.
M 5	19 6	22 3	1 41	16 1	0 22	18 34	5 9	21 17	1 6	20 10	1 2	24 20	0 38	22 16	0 42	16 38	1 32	30 49	15 56	21 44	21 49	21 41		n.a.
T 6	18 51	22 8	0 37	15 15	0 10	18 42	5 2	21 7	1 6	20 6	1 2	24 21	0 38	22 17	0 42	16 38	1 32	30 49	15 56	21 44	21 50	21 42		n.a.
W 7	18 35	21 12	0n29	14 28	0n 2	18 50	4 55	20 56	1 6	20 3	1 2	24 21	0 38	22 17	0 42	16 39	1 32	30 48	15 56	21 44	21 51	21 43		n.a.
T 8	18 20	19 17	1 35	13 41	0 14	18 58	4 48	20 45	1 6	19 59	1 2	24 21	0 38	22 17	0 42	16 39	1 32	30 48	15 56	21 44	21 51	21 44		n.a.
F 9	18 4	16 27	2 37	12 54	0 26	19 6	4 41	20 34	1 6	19 56	1 2	24 21	0 38	22 18	0 42	16 39	1 32	30 47	15 56	21 45	21 52	21 44		n.a.
S 10	17 47	12 51	3 33	12 7	0 39	19 14	4 35	20 22	1 6	19 52	1 2	24 21	0 38	22 18	0 42	16 39	1 32	30 47	15 56	21 45	21 52	21 45		n.a.
S 11	17 31	8 37	4 19	11 21	0 53	19 22	4 28	20 10	1 6	19 48	1 2	24 22	0 38	22 19	0 42	16 39	1 32	30 46	15 56	21 46	21 53	21 46		n.a.
M12	17 14	3 56	4 52	10 36	1 6	19 29	4 21	19 59	1 6	19 45	1 2	24 22	0 38	22 19	0 42	16 39	1 33	30 46	15 56	21 46	21 53	21 47		n.a.
T 13	16 56	1s 0	5 12	9 52	1 19	19 36	4 14	19 46	1 6	19 41	1 3	24 22	0 39	22 20	0 42	16 40	1 33	30 45	15 56	21 46	21 54	21 48		n.a.
W14	16 39	5 59	5 14	9 10	1 33	19 43	4 7	19 34	1 5	19 37	1 3	24 22	0 39	22 20	0 42	16 40	1 33	30 45	15 56	21 47	21 54	21 49		n.a.
T 15	16 21	10 46	5 0	8 29	1 46	19 50	4 0	19 22	1 5	19 34	1 3	24 22	0 39	22 20	0 42	16 40	1 33	30 44	15 56	21 47	21 55	21 50		n.a.
F 16	16 3	15 6	4 27	7 51	1 59	19 56	3 53	19 9	1 5	19 30	1 3	24 23	0 39	22 21	0 42	16 40	1 33	30 44	15 56	21 47	21 55	21 50		n.a.
S 17	15 45	18 39	3 38	7 16	2 11	20 2	3 46	18 56	1 5	19 26	1 3	24 23	0 39	22 21	0 42	16 40	1 33	30 43	15 56	21 47	21 56	21 51		n.a.
S 18	15 26	21 7	2 35	6 43	2 23	20 8	3 39	18 43	1 5	19 22	1 3	24 23	0 39	22 22	0 42	16 40	1 33	30 43	15 56	21 46	21 56	21 52		n.a.
M19	15 8	22 13	1 20	6 13	2 35	20 13	3 32	18 30	1 5	19 19	1 3	24 23	0 39	22 22	0 42	16 40	1 33	30 42	15 56	21 46	21 57	21 53		n.a.
T 20	14 48	21 46	0 0	5 47	2 46	20 18	3 25	18 17	1 5	19 15	1 3	24 23	0 39	22 22	0 42	16 40	1 33	30 42	15 56	21 46	21 57	21 54		n.a.
W21	14 29	19 50	1s20	5 23	2 56	20 23	3 18	18 3	1 5	19 11	1 3	24 23	0 39	22 23	0 42	16 40	1 33	30 41	15 56	21 46	21 58	21 54		n.a.
T 22	14 10	16 36	2 34	5 4	3 5	20 27	3 11	17 49	1 5	19 7	1 3	24 23	0 39	22 23	0 42	16 40	1 33	30 41	15 56	21 47	21 59	21 55		n.a.
F 23	13 50	12 24	3 37	4 48	3 13	20 31	3 4	17 35	1 4	19 3	1 3	24 24	0 39	22 24	0 42	16 40	1 33	30 40	15 56	21 47	21 59	21 56		n.a.
S 24	13 30	7 36	4 25	4 36	3 20	20 35	2 57	17 21	1 4	19 0	1 3	24 24	0 39	22 24	0 42	16 40	1 33	30 40	15 56	21 48	22 0	21 57		n.a.
S 25	13 10	2 34	4 57	4 27	3 26	20 38	2 50	17 7	1 4	18 56	1 4	24 24	0 39	22 24	0 42	16 40	1 33	30 39	15 56	21 49	22 0	21 58		n.a.
M26	12 50	2n27	5 11	4 23	3 30	20 40	2 44	16 53	1 4	18 52	1 4	24 24	0 39	22 25	0 42	16 40	1 33	30 39	15 56	21 50	22 1	21 58		n.a.
T 27	12 29	7 13	5 9	4 23	3 33	20 42	2 37	16 38	1 4	18 48	1 4	24 24	0 39	22 25	0 42	16 40	1 33	30 38	15 56	21 50	22 1	21 59		n.a.
W28	12s 9	11n32	4s52	4s26	3n35	20s44	2n30	16s23	1s 4	18s44	1s 4	24n24	0n39	22n25	0n42	16s40	1n33	30s38	15s56	21n51	22n 2	22n 0		n.a.

Julian Day Number = 1302877.5, Delta T = 07h48m43s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'35, Lahiri = -19°46'34 Julian Calendar 1 Feb. 1146 BCE == Greg. Calendar 21 Jan. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

MARCH 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 19	29♒36'13	25♉50	10°R13	13♉32	19♒43	11♒22	4°R33	23°R31	20♏31	18♒21	22°D53	21♋47	1♋13	n.a.	T 1
F 2	9 54 16	0♓35'00	7♊50	9♓49	14°28	20°29	11°36	4♋32	23♋29	20°31	18°22	22♋54	21°44	1°19	n.a.	F 2
S 3	9 58 12	1°33'44	19°41	9°19	15°24	21°15	11°50	4°30	23°27	20°31	18°24	22°55	21°40	1°26	n.a.	S 3
S 4	10 2 9	2°32'26	1♋29	8°45	16°22	22° 1	12° 4	4°29	23°25	20°R31	18°25	22°57	21°37	1°33	n.a.	S 4
M 5	10 6 5	3°31'05	13°19	8° 7	17°19	22°46	12°18	4°27	23°23	20°31	18°27	22°58	21°34	1°39	n.a.	M 5
T 6	10 10 2	4°29'42	25°14	7°27	18°17	23°32	12°32	4°26	23°22	20°31	18°28	22°R58	21°31	1°46	n.a.	T 6
W 7	10 13 58	5°28'17	7♌19	6°44	19°15	24°18	12°46	4°25	23°20	20°31	18°30	22°57	21°28	1°53	n.a.	W 7
T 8	10 17 55	6°26'50	19°36	6° 0	20°14	25° 3	13° 0	4°24	23°18	20°31	18°31	22°54	21°24	1°59	n.a.	T 8
F 9	10 21 52	7°25'21	2♍ 8	5°15	21°13	25°49	13°14	4°23	23°16	20°31	18°32	22°49	21°21	2° 6	n.a.	F 9
S 10	10 25 48	8°23'49	14°55	4°31	22°13	26°34	13°27	4°22	23°15	20°31	18°34	22°42	21°18	2°13	n.a.	S 10
S 11	10 29 45	9°22'15	27°57	3°48	23°13	27°20	13°41	4°21	23°13	20°30	18°35	22°34	21°15	2°19	n.a.	S 11
M12	10 33 41	10°20'40	11♎14	3° 7	24°13	28° 5	13°55	4°21	23°12	20°30	18°37	22°26	21°12	2°26	n.a.	M12
T 13	10 37 38	11°19'02	24°43	2°28	25°13	28°50	14° 8	4°20	23°10	20°30	18°38	22°19	21° 9	2°32	n.a.	T 13
W14	10 41 34	12°17'23	8♏23	1°53	26°14	29°36	14°22	4°20	23° 9	20°29	18°40	22°13	21° 5	2°39	n.a.	W14
T 15	10 45 31	13°15'42	22°12	1°21	27°15	0♓21	14°36	4°19	23° 7	20°29	18°41	22° 9	21° 2	2°46	n.a.	T 15
F 16	10 49 27	14°14'00	6♐10	0°53	28°17	1° 6	14°49	4°19	23° 6	20°29	18°42	22° 7	20°59	2°52	n.a.	F 16
S 17	10 53 24	15°12'16	20°15	0°30	29°18	1°51	15° 3	4°19	23° 5	20°28	18°44	22°D 6	20°56	2°59	n.a.	S 17
S 18	10 57 20	16°10'30	4♉26	0°11	0♒20	2°36	15°16	4°D19	23° 3	20°28	18°45	22° 7	20°53	3° 6	n.a.	S 18
M19	11 1 17	17° 8'43	18°42	29♒58	1°23	3°21	15°29	4°19	23° 2	20°27	18°46	22°R 8	20°50	3°12	n.a.	M19
T 20	11 5 14	18° 6'54	3♒ 0	29°49	2°25	4° 6	15°43	4°19	23° 1	20°27	18°48	22° 8	20°46	3°19	n.a.	T 20
W21	11 9 10	19° 5'04	17°17	29°D45	3°28	4°51	15°56	4°20	23° 0	20°26	18°49	22° 5	20°43	3°26	n.a.	W21
T 22	11 13 7	20° 3'12	1♓30	29°46	4°31	5°36	16° 9	4°20	22°59	20°26	18°50	22° 0	20°40	3°32	n.a.	T 22
F 23	11 17 3	21° 1'17	15°34	29°51	5°34	6°21	16°22	4°21	22°58	20°25	18°52	21°53	20°37	3°39	n.a.	F 23
S 24	11 21 0	21°59'22	29°24	0♓ 2	6°38	7° 6	16°35	4°21	22°57	20°25	18°53	21°44	20°34	3°46	n.a.	S 24
S 25	11 24 56	22°57'24	12♈56	0°17	7°41	7°51	16°48	4°22	22°56	20°24	18°54	21°33	20°30	3°52	n.a.	S 25
M26	11 28 53	23°55'24	26° 8	0°37	8°45	8°35	17° 1	4°23	22°55	20°23	18°56	21°23	20°27	3°59	n.a.	M26
T 27	11 32 49	24°53'23	9♉ 0	1° 2	9°50	9°20	17°14	4°24	22°54	20°23	18°57	21°14	20°24	4° 6	n.a.	T 27
W28	11 36 46	25°51'20	21°31	1°30	10°54	10° 4	17°27	4°25	22°53	20°22	18°58	21° 7	20°21	4°12	n.a.	W28
T 29	11 40 43	26°49'14	3♊45	2° 3	11°58	10°49	17°40	4°26	22°53	20°21	18°59	21° 2	20°18	4°19	n.a.	T 29
F 30	11 44 39	27°47'07	15°46	2°40	13° 3	11°33	17°52	4°27	22°52	20°20	19° 1	20°59	20°15	4°26	n.a.	F 30
S 31	11 48 36	28♓44'58	27♊38	3♓20	14♒ 8	12♓18	18♒ 5	4♋29	22♋51	20♏19	19♒ 2	20°D59	20♋11	4♋32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s48	15n17	4s22	4s33	3n35	20s45	2n24	16s 9	1s 3	18s40	1s 4	24n24	0n39	22n26	0n42	16s40	1n33	30s37	15s56	21n51	22n 2	22n 1			n.a.
F 2	11 27	18 20	3 41	4 44	3 33	20 46	2 17	15 54	1 3	18 37	1 4	24 24	0 39	22 26	0 42	16 40	1 33	30 37	15 56	21 51	22 3	22 2			n.a.
S 3	11 6	20 34	2 51	4 58	3 30	20 46	2 10	15 39	1 3	18 33	1 4	24 24	0 39	22 26	0 42	16 40	1 33	30 37	15 57	21 51	22 3	22 2			n.a.
S 4	10 44	21 55	1 54	5 15	3 25	20 46	2 4	15 23	1 3	18 29	1 4	24 25	0 39	22 27	0 42	16 40	1 33	30 36	15 57	21 51	22 4	22 3			n.a.
M 5	10 23	22 17	0 52	5 35	3 19	20 45	1 57	15 8	1 3	18 25	1 4	24 25	0 39	22 27	0 42	16 40	1 33	30 36	15 57	21 50	22 4	22 4			n.a.
T 6	10 1	21 38	0n12	5 58	3 11	20 43	1 51	14 53	1 3	18 21	1 5	24 25	0 39	22 27	0 41	16 40	1 33	30 35	15 57	21 50	22 5	22 5			n.a.
W 7	9 39	19 59	1 17	6 23	3 1	20 42	1 45	14 37	1 2	18 17	1 5	24 25	0 39	22 27	0 41	16 40	1 34	30 35	15 57	21 50	22 5	22 5			n.a.
T 8	9 17	17 23	2 19	6 49	2 51	20 39	1 39	14 21	1 2	18 13	1 5	24 25	0 40	22 28	0 41	16 40	1 34	30 35	15 57	21 51	22 6	22 6			n.a.
F 9	8 55	13 55	3 16	7 17	2 38	20 36	1 32	14 5	1 2	18 9	1 5	24 25	0 40	22 28	0 41	16 40	1 34	30 34	15 57	21 52	22 6	22 7			n.a.
S 10	8 33	9 46	4 4	7 46	2 25	20 33	1 26	13 49	1 2	18 6	1 5	24 25	0 40	22 28	0 41	16 40	1 34	30 34	15 57	21 53	22 7	22 7			n.a.
S 11	8 11	5 6	4 40	8 15	2 11	20 29	1 20	13 33	1 1	18 2	1 5	24 25	0 40	22 29	0 41	16 40	1 34	30 34	15 57	21 54	22 7	22 8			n.a.
M12	7 49	0 6	5 2	8 43	1 56	20 24	1 14	13 17	1 1	17 58	1 5	24 25	0 40	22 29	0 41	16 40	1 34	30 33	15 58	21 56	22 8	22 9			n.a.
T 13	7 26	4s58	5 7	9 12	1 41	20 19	1 8	13 1	1 1	17 54	1 5	24 25	0 40	22 29	0 41	16 40	1 34	30 33	15 58	21 57	22 8	22 10			n.a.
W14	7 4	9 52	4 55	9 39	1 25	20 14	1 3	12 45	1 1	17 50	1 6	24 25	0 40	22 29	0 41	16 39	1 34	30 33	15 58	21 58	22 9	22 10			n.a.
T 15	6 41	14 20	4 27	10 6	1 9	20 7	0 57	12 28	1 0	17 46	1 6	24 25	0 40	22 29	0 41	16 39	1 34	30 32	15 58	21 59	22 9	22 11			n.a.
F 16	6 18	18 3	3 42	10 31	0 53	20 1	0 51	12 12	1 0	17 42	1 6	24 25	0 40	22 30	0 41	16 39	1 34	30 32	15 58	21 59	22 10	22 12			n.a.
S 17	5 55	20 46	2 43	10 54	0 37	19 53	0 45	11 55	1 0	17 38	1 6	24 25	0 40	22 30	0 41	16 39	1 34	30 32	15 58	21 59	22 10	22 12			n.a.
S 18	5 32	22 12	1 34	11 16	0 21	19 45	0 40	11 38	1 0	17 34	1 6	24 25	0 40	22 30	0 41	16 39	1 34	30 31	15 58	21 59	22 11	22 13			n.a.
M19	5 9	22 12	0 18	11 36	0 5	19 37	0 35	11 21	0 59	17 31	1 6	24 25	0 40	22 30	0 41	16 39	1 34	30 31	15 59	21 59	22 11	22 14			n.a.
T 20	4 46	20 45	0s58	11 53	0s10	19 28	0 29	11 5	0 59	17 27	1 6	24 25	0 40	22 30	0 41	16 39	1 34	30 31	15 59	21 59	22 12	22 14			n.a.
W21	4 23	17 59	2 11	12 8	0 25	19 19	0 24	10 48	0 59	17 23	1 7	24 25	0 40	22 31	0 41	16 38	1 34	30 30	15 59	21 59	22 12	22 15			n.a.
T 22	4 0	14 8	3 15	12 21	0 39	19 9	0 19	10 31	0 58	17 19	1 7	24 25	0 40	22 31	0 41	16 38	1 34	30 30	15 59	22 0	22 13	22 16			n.a.
F 23	3 37	9 33	4 6	12 32	0 53	18 58	0 14	10 13	0 58	17 15	1 7	24 25	0 40	22 31	0 41	16 38	1 34	30 30	15 59	22 1	22 13	22 16			n.a.
S 24	3 14	4 32	4 42	12 40	1 6	18 47	0 9	9 56	0 58	17 11	1 7	24 25	0 40	22 31	0 41	16 38	1 34	30 30	16 0	22 3	22 14	22 17			n.a.
S 25	2 50	0n35	5 1	12 46	1 18	18 35	0 4	9 39	0 57	17 7	1 7	24 25	0 40	22 31	0 41	16 38	1 34	30 29	16 0	22 4	22 14	22 18			n.a.
M26	2 27	5 33	5 3	12 50	1 30	18 23	0s 1	9 22	0 57	17 4	1 7	24 25	0 40	22 31	0 41	16 37	1 34	30 29	16 0	22 6	22 15	22 18			n.a.
T 27	2 4	10 9	4 50	12 51	1 40	18 10	0 6	9 4	0 57	17 0	1 8	24 25	0 40	22 31	0 41	16 37	1 34	30 29	16 0	22 7	22 15	22 19			n.a.
W28	1 40	14 13	4 23	12 50	1 50	17 57	0 11	8 47	0 56	16 56	1 8	24 25	0 40	22 31	0 41	16 37	1 34	30 29	16 0	22 9	22 16	22 20			n.a.
T 29	1 17	17 35	3 44	12 46	2 0	17 43	0 15	8 30	0 56	16 52	1 8	24 25	0 40	22 32	0 41	16 37	1 34	30 28	16 1	22 9	22 16	22 20			n.a.
F 30	0 54	20 8	2 56	12 41	2 8	17 29	0 20	8 12	0 56	16 48	1 8	24 25	0 40	22 32	0 41	16 36	1 34	30 28	16 1	22 10	22 17	22 21			n.a.
S 31	0s30	21n47	2s 1	12s33	2s16	17s14	0s24	7s54	0s55	16s44	1s 8	24n25	0n40	22n32	0n41	16s36	1n34	30s28	16s 1	22n10	22n17	22n22			n.a.

Julian Day Number = 1302905.5, Delta T = 07h48m41s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'31, Lahiri = -19°46'30 Julian Calendar 1 March 1146 BCE == Greg. Calendar 18 Feb. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

APRIL 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 32	29♓42'47	9♋26	4♓ 4	15♒13	13♓ 2	18♒17	4♋30	22°R51	20°R19	19♒ 3	20♋59	20♋ 8	4♋39	n.a.	S 1
M 2	11 56 29	0♈40'34	21°17	4°52	16°18	13°47	18°30	4°32	22♋50	20♏18	19° 4	20°R59	20° 5	4°46	n.a.	M 2
T 3	12 0 25	1°38'20	3♌15	5°43	17°24	14°31	18°42	4°33	22°50	20°17	19° 5	20°59	20° 2	4°52	n.a.	T 3
W 4	12 4 22	2°36'03	15°25	6°38	18°29	15°15	18°55	4°35	22°49	20°16	19° 7	20°56	19°59	4°59	n.a.	W 4
T 5	12 8 18	3°33'45	27°50	7°35	19°35	15°59	19° 7	4°37	22°49	20°15	19° 8	20°51	19°55	5° 5	n.a.	T 5
F 6	12 12 15	4°31'25	10♍35	8°36	20°41	16°43	19°19	4°39	22°49	20°14	19° 9	20°44	19°52	5°12	n.a.	F 6
S 7	12 16 11	5°29'04	23°39	9°40	21°47	17°27	19°31	4°41	22°49	20°13	19°10	20°34	19°49	5°19	n.a.	S 7
S 8	12 20 8	6°26'40	7♎ 3	10°47	22°53	18°11	19°43	4°43	22°48	20°12	19°11	20°23	19°46	5°25	n.a.	S 8
M 9	12 24 5	7°24'16	20°44	11°56	23°59	18°55	19°55	4°46	22°48	20°11	19°12	20°11	19°43	5°32	n.a.	M 9
T 10	12 28 1	8°21'50	4♏39	13° 8	25° 6	19°39	20° 7	4°48	22°48	20°10	19°13	20° 0	19°40	5°39	n.a.	T 10
W11	12 31 58	9°19'23	18°43	14°23	26°12	20°23	20°19	4°50	22°D48	20° 9	19°14	19°51	19°36	5°45	n.a.	W11
T 12	12 35 54	10°16'55	2♐53	15°40	27°19	21° 7	20°30	4°53	22°48	20° 7	19°15	19°44	19°33	5°52	n.a.	T 12
F 13	12 39 51	11°14'26	17° 5	17° 0	28°26	21°51	20°42	4°56	22°48	20° 6	19°16	19°41	19°30	5°59	n.a.	F 13
S 14	12 43 47	12°11'56	1♑15	18°23	29°33	22°34	20°54	4°58	22°48	20° 5	19°17	19°39	19°27	6° 5	n.a.	S 14
S 15	12 47 44	13° 9'25	15°23	19°48	0♓40	23°18	21° 5	5° 1	22°48	20° 4	19°18	19°39	19°24	6°12	n.a.	S 15
M16	12 51 40	14° 6'53	29°28	21°15	1°47	24° 1	21°16	5° 4	22°49	20° 3	19°19	19°39	19°21	6°19	n.a.	M16
T 17	12 55 37	15° 4'20	13♒28	22°45	2°55	24°45	21°28	5° 7	22°49	20° 2	19°20	19°37	19°17	6°25	n.a.	T 17
W18	12 59 34	16° 1'46	27°23	24°17	4° 2	25°28	21°39	5°10	22°49	20° 0	19°21	19°34	19°14	6°32	n.a.	W18
T 19	13 3 30	16°59'11	11♓10	25°51	5°10	26°12	21°50	5°14	22°50	19°59	19°22	19°27	19°11	6°39	n.a.	T 19
F 20	13 7 27	17°56'35	24°49	27°28	6°17	26°55	22° 1	5°17	22°50	19°58	19°23	19°18	19° 8	6°45	n.a.	F 20
S 21	13 11 23	18°53'58	8♈16	29° 8	7°25	27°38	22°12	5°20	22°51	19°56	19°24	19° 7	19° 5	6°52	n.a.	S 21
S 22	13 15 20	19°51'20	21°30	0♈49	8°33	28°22	22°22	5°24	22°51	19°55	19°25	18°54	19° 1	6°58	n.a.	S 22
M23	13 19 16	20°48'41	4♉27	2°33	9°41	29° 5	22°33	5°28	22°52	19°54	19°26	18°42	18°58	7° 5	n.a.	M23
T 24	13 23 13	21°46'01	17° 8	4°20	10°49	29°48	22°44	5°31	22°52	19°52	19°26	18°30	18°55	7°12	n.a.	T 24
W25	13 27 9	22°43'20	29°33	6° 8	11°58	0♈31	22°54	5°35	22°53	19°51	19°27	18°21	18°52	7°18	n.a.	W25
T 26	13 31 6	23°40'38	11♊43	7°59	13° 6	1°14	23° 5	5°39	22°54	19°50	19°28	18°14	18°49	7°25	n.a.	T 26
F 27	13 35 3	24°37'55	23°41	9°53	14°14	1°57	23°15	5°43	22°55	19°48	19°29	18°10	18°46	7°32	n.a.	F 27
S 28	13 38 59	25°35'11	5♋32	11°48	15°23	2°40	23°25	5°47	22°56	19°47	19°30	18° 8	18°42	7°38	n.a.	S 28
S 29	13 42 56	26°32'26	17°20	13°46	16°31	3°23	23°35	5°51	22°57	19°45	19°30	18°D 7	18°39	7°45	n.a.	S 29
M30	13 46 52	27♈29'39	29♋10	15♈45	17♓40	4♈ 5	23♒45	5♋55	22♋58	19♏44	19♒31	18°R 8	18♋36	7♋52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 7	22n28	1s 1	12s23	2s23	16s59	0s28	7s37	0s55	16s41	1s 8	24n25	0n40	22n32	0n41	16s36	1n34	30s28	16s 1	22n10	22n18	22n22		n.a.
M 2	0n16	22 9	0n 2	12 11	2 29	16 43	0 32	7 19	0 55	16 37	1 9	24 25	0 40	22 32	0 41	16 36	1 35	30 28	16 2	22 10	22 18	22 23		n.a.
T 3	0 40	20 48	1 5	11 57	2 35	16 27	0 37	7 2	0 54	16 33	1 9	24 25	0 40	22 32	0 41	16 35	1 35	30 27	16 2	22 10	22 19	22 23		n.a.
W 4	1 3	18 29	2 6	11 41	2 40	16 11	0 41	6 44	0 54	16 29	1 9	24 25	0 40	22 32	0 41	16 35	1 35	30 27	16 2	22 10	22 19	22 24		n.a.
T 5	1 26	15 16	3 3	11 23	2 44	15 53	0 44	6 26	0 54	16 26	1 9	24 25	0 40	22 32	0 41	16 35	1 35	30 27	16 2	22 11	22 19	22 25		n.a.
F 6	1 50	11 16	3 51	11 3	2 47	15 36	0 48	6 8	0 53	16 22	1 9	24 25	0 40	22 32	0 41	16 34	1 35	30 27	16 3	22 12	22 20	22 25		n.a.
S 7	2 13	6 40	4 29	10 41	2 50	15 18	0 52	5 51	0 53	16 18	1 10	24 25	0 40	22 32	0 41	16 34	1 35	30 27	16 3	22 14	22 20	22 26		n.a.
S 8	2 36	1 38	4 53	10 17	2 52	14 59	0 56	5 33	0 52	16 15	1 10	24 25	0 40	22 32	0 41	16 34	1 35	30 27	16 3	22 15	22 21	22 26		n.a.
M 9	2 59	3s35	5 1	9 51	2 53	14 40	0 59	5 15	0 52	16 11	1 10	24 25	0 40	22 32	0 41	16 34	1 35	30 27	16 3	22 17	22 21	22 27		n.a.
T 10	3 22	8 42	4 52	9 24	2 54	14 21	1 2	4 57	0 52	16 7	1 10	24 25	0 40	22 32	0 41	16 33	1 35	30 27	16 4	22 19	22 22	22 28		n.a.
W11	3 45	13 27	4 24	8 54	2 53	14 1	1 6	4 39	0 51	16 4	1 10	24 25	0 40	22 32	0 41	16 33	1 35	30 26	16 4	22 20	22 22	22 28		n.a.
T 12	4 8	17 28	3 41	8 23	2 53	13 41	1 9	4 21	0 51	16 0	1 11	24 25	0 40	22 32	0 41	16 33	1 35	30 26	16 4	22 21	22 23	22 29		n.a.
F 13	4 31	20 29	2 43	7 50	2 51	13 20	1 12	4 3	0 50	15 57	1 11	24 25	0 40	22 32	0 40	16 32	1 35	30 26	16 5	22 22	22 23	22 29		n.a.
S 14	4 54	22 14	1 36	7 16	2 49	12 59	1 15	3 45	0 50	15 53	1 11	24 25	0 40	22 32	0 40	16 32	1 35	30 26	16 5	22 22	22 24	22 30		n.a.
S 15	5 17	22 33	0 23	6 39	2 47	12 38	1 18	3 28	0 50	15 49	1 11	24 24	0 40	22 32	0 40	16 32	1 35	30 26	16 5	22 22	22 24	22 30		n.a.
M16	5 39	21 26	0s52	6 1	2 44	12 16	1 21	3 10	0 49	15 46	1 11	24 24	0 40	22 32	0 40	16 31	1 35	30 26	16 5	22 22	22 25	22 31		n.a.
T 17	6 2	19 0	2 2	5 22	2 40	11 54	1 24	2 52	0 49	15 42	1 12	24 24	0 41	22 32	0 40	16 31	1 35	30 26	16 6	22 22	22 25	22 31		n.a.
W18	6 24	15 28	3 5	4 41	2 35	11 31	1 26	2 34	0 48	15 39	1 12	24 24	0 41	22 32	0 40	16 30	1 35	30 26	16 6	22 23	22 26	22 32		n.a.
T 19	6 47	11 8	3 57	3 58	2 30	11 9	1 29	2 16	0 48	15 36	1 12	24 24	0 41	22 31	0 40	16 30	1 35	30 26	16 6	22 24	22 26	22 33		n.a.
F 20	7 9	6 16	4 34	3 14	2 25	10 45	1 31	1 58	0 47	15 32	1 12	24 24	0 41	22 31	0 40	16 30	1 35	30 26	16 7	22 25	22 26	22 33		n.a.
S 21	7 31	1 10	4 55	2 28	2 19	10 22	1 33	1 40	0 47	15 29	1 12	24 24	0 41	22 31	0 40	16 29	1 35	30 26	16 7	22 27	22 27	22 34		n.a.
S 22	7 53	3n53	5 0	1 41	2 12	9 58	1 36	1 22	0 46	15 25	1 13	24 24	0 41	22 31	0 40	16 29	1 35	30 26	16 7	22 28	22 27	22 34		n.a.
M23	8 15	8 41	4 49	0 52	2 5	9 34	1 38	1 4	0 46	15 22	1 13	24 24	0 41	22 31	0 40	16 29	1 35	30 26	16 8	22 30	22 28	22 35		n.a.
T 24	8 37	13 0	4 24	0 2	1 57	9 10	1 40	0 47	0 46	15 19	1 13	24 23	0 41	22 31	0 40	16 28	1 35	30 26	16 8	22 32	22 28	22 35		n.a.
W25	8 59	16 41	3 47	0n49	1 49	8 45	1 42	0 29	0 45	15 16	1 13	24 23	0 41	22 31	0 40	16 28	1 35	30 26	16 8	22 33	22 29	22 36		n.a.
T 26	9 20	19 35	3 0	1 41	1 40	8 20	1 43	0 11	0 45	15 12	1 14	24 23	0 41	22 31	0 40	16 27	1 35	30 26	16 9	22 34	22 29	22 36		n.a.
F 27	9 42	21 35	2 6	2 35	1 31	7 55	1 45	0n 7	0 44	15 9	1 14	24 23	0 41	22 30	0 40	16 27	1 35	30 26	16 9	22 35	22 30	22 37		n.a.
S 28	10 3	22 36	1 6	3 29	1 22	7 29	1 47	0 25	0 44	15 6	1 14	24 23	0 41	22 30	0 40	16 27	1 35	30 26	16 9	22 35	22 30	22 37		n.a.
S 29	10 24	22 37	0 4	4 25	1 12	7 4	1 48	0 42	0 43	15 3	1 14	24 23	0 41	22 30	0 40	16 26	1 35	30 26	16 10	22 35	22 30	22 38		n.a.
M30	10n45	21n36	0n58	5n21	1s 2	6s38	1s50	1n 0	0s43	15s 0	1s15	24n23	0n41	22n30	0n40	16s26	1n35	30s26	16s10	22n35	22n31	22n38		n.a.

Julian Day Number = 1302936.5, Delta T = 07h48m40s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'27, Lahiri = -19°46'26 Julian Calendar 1 Apr. 1146 BCE == Greg. Calendar 21 March 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

MAY 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 49	28♈26'52	11♌ 9	17♈47	18♓49	4♈48	23♒55	5♋59	22♋59	19°R42	19♒32	18°R 7	18♋33	7♋58	n.a.	T 1
W 2	13 54 45	29°24'03	23°20	19°50	19°58	5°31	24° 4	6° 4	23° 0	19♏41	19°32	18♋ 5	18°30	8° 5	n.a.	W 2
T 3	13 58 42	0♉21'14	5♍50	21°56	21° 6	6°13	24°14	6° 8	23° 1	19°39	19°33	18° 1	18°26	8°12	n.a.	T 3
F 4	14 2 38	1°18'23	18°42	24° 3	22°15	6°56	24°23	6°13	23° 2	19°38	19°34	17°54	18°23	8°18	n.a.	F 4
S 5	14 6 35	2°15'32	1♎57	26°11	23°25	7°38	24°33	6°17	23° 3	19°36	19°34	17°45	18°20	8°25	n.a.	S 5
S 6	14 10 32	3°12'40	15°36	28°20	24°34	8°21	24°42	6°22	23° 4	19°35	19°35	17°34	18°17	8°32	n.a.	S 6
M 7	14 14 28	4° 9'47	29°37	0♉30	25°43	9° 3	24°51	6°27	23° 6	19°33	19°35	17°23	18°14	8°38	n.a.	M 7
T 8	14 18 25	5° 6'54	13♏56	2°41	26°52	9°45	25° 0	6°32	23° 7	19°32	19°36	17°13	18°11	8°45	n.a.	T 8
W 9	14 22 21	6° 4'01	28°25	4°53	28° 2	10°28	25° 9	6°36	23° 9	19°30	19°36	17° 4	18° 7	8°51	n.a.	W 9
T 10	14 26 18	7° 1'07	13♐ 0	7° 4	29°11	11°10	25°18	6°41	23°10	19°29	19°37	16°58	18° 4	8°58	n.a.	T 10
F 11	14 30 14	7°58'13	27°33	9°16	0♈21	11°52	25°26	6°46	23°12	19°27	19°37	16°55	18° 1	9° 5	n.a.	F 11
S 12	14 34 11	8°55'18	11♑59	11°26	1°30	12°34	25°35	6°52	23°13	19°26	19°38	16°D53	17°58	9°11	n.a.	S 12
S 13	14 38 8	9°52'24	26°16	13°37	2°40	13°16	25°43	6°57	23°15	19°24	19°38	16°54	17°55	9°18	n.a.	S 13
M14	14 42 4	10°49'29	10♒21	15°46	3°50	13°58	25°51	7° 2	23°16	19°22	19°39	16°R54	17°52	9°25	n.a.	M14
T 15	14 46 1	11°46'35	24°14	17°54	5° 0	14°40	25°59	7° 7	23°18	19°21	19°39	16°53	17°48	9°31	n.a.	T 15
W16	14 49 57	12°43'40	7♓55	20° 1	6°10	15°22	26° 7	7°13	23°20	19°19	19°39	16°51	17°45	9°38	n.a.	W16
T 17	14 53 54	13°40'46	21°24	22° 7	7°20	16° 4	26°15	7°18	23°22	19°18	19°40	16°46	17°42	9°45	n.a.	T 17
F 18	14 57 50	14°37'51	4♈41	24°10	8°30	16°46	26°23	7°24	23°24	19°16	19°40	16°39	17°39	9°51	n.a.	F 18
S 19	15 1 47	15°34'57	17°45	26°13	9°40	17°27	26°30	7°29	23°25	19°14	19°40	16°29	17°36	9°58	n.a.	S 19
S 20	15 5 43	16°32'02	0♉37	28°13	10°50	18° 9	26°38	7°35	23°27	19°13	19°41	16°19	17°32	10° 5	n.a.	S 20
M21	15 9 40	17°29'08	13°16	0♊11	12° 0	18°50	26°45	7°41	23°29	19°11	19°41	16° 9	17°29	10°11	n.a.	M21
T 22	15 13 37	18°26'13	25°42	2° 8	13°10	19°32	26°52	7°46	23°31	19° 9	19°41	15°59	17°26	10°18	n.a.	T 22
W23	15 17 33	19°23'19	7♊55	4° 2	14°21	20°13	26°59	7°52	23°34	19° 8	19°41	15°52	17°23	10°25	n.a.	W23
T 24	15 21 30	20°20'24	19°58	5°55	15°31	20°55	27° 5	7°58	23°36	19° 6	19°41	15°46	17°20	10°31	n.a.	T 24
F 25	15 25 26	21°17'29	1♋52	7°45	16°42	21°36	27°12	8° 4	23°38	19° 5	19°42	15°43	17°17	10°38	n.a.	F 25
S 26	15 29 23	22°14'35	13°40	9°34	17°52	22°17	27°19	8°10	23°40	19° 3	19°42	15°D42	17°13	10°44	n.a.	S 26
S 27	15 33 19	23°11'40	25°27	11°20	19° 3	22°59	27°25	8°16	23°42	19° 1	19°42	15°42	17°10	10°51	n.a.	S 27
M28	15 37 16	24° 8'45	7♌17	13° 4	20°14	23°40	27°31	8°22	23°45	19° 0	19°42	15°43	17° 7	10°58	n.a.	M28
T 29	15 41 13	25° 5'49	19°14	14°46	21°24	24°21	27°37	8°28	23°47	18°58	19°42	15°R44	17° 4	11° 4	n.a.	T 29
W30	15 45 9	26° 2'54	1♍25	16°26	22°35	25° 2	27°43	8°35	23°49	18°57	19°42	15°44	17° 1	11°11	n.a.	W30
T 31	15 49 6	26♉59'59	13♍55	18♊ 4	23♈46	25♈43	27♒48	8♋41	23♋52	18♏55	19♒42	15♋43	16♋58	11♋18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n 6	19n37	1n59	6n18	0s52	6s11	1s51	1n18	0s42	14s57	1s15	24n22	0n41	22n30	0n40	16s25	1n35	30s26	16s10	22n35	22n31	22n38		n.a.	T 1
W 2	11 26	16 43	2 55	7 15	0 41	5 45	1 52	1 35	0 42	14 54	1 15	24 22	0 41	22 29	0 40	16 25	1 35	30 27	16 11	22 35	22 32	22 39		n.a.	W 2
T 3	11 47	12 59	3 45	8 12	0 31	5 19	1 53	1 53	0 41	14 51	1 15	24 22	0 41	22 29	0 40	16 25	1 35	30 27	16 11	22 36	22 32	22 39		n.a.	T 3
F 4	12 7	8 35	4 24	9 10	0 20	4 52	1 54	2 10	0 41	14 48	1 16	24 22	0 41	22 29	0 40	16 24	1 35	30 27	16 11	22 37	22 33	22 40		n.a.	F 4
S 5	12 27	3 39	4 51	10 8	0 9	4 25	1 55	2 28	0 40	14 45	1 16	24 22	0 41	22 29	0 40	16 24	1 35	30 27	16 12	22 38	22 33	22 40		n.a.	S 5
S 6	12 47	1s37	5 2	11 5	0n 2	3 58	1 56	2 45	0 40	14 42	1 16	24 21	0 41	22 28	0 40	16 23	1 35	30 27	16 12	22 39	22 34	22 41		n.a.	S 6
M 7	13 7	6 55	4 55	12 2	0 12	3 30	1 57	3 3	0 39	14 39	1 16	24 21	0 41	22 28	0 40	16 23	1 35	30 27	16 12	22 41	22 34	22 41		n.a.	M 7
T 8	13 26	11 59	4 30	12 57	0 23	3 3	1 57	3 20	0 39	14 36	1 17	24 21	0 41	22 28	0 40	16 22	1 35	30 27	16 13	22 42	22 34	22 42		n.a.	T 8
W 9	13 46	16 26	3 48	13 52	0 33	2 36	1 58	3 38	0 38	14 33	1 17	24 21	0 41	22 28	0 40	16 22	1 35	30 28	16 13	22 43	22 35	22 42		n.a.	W 9
T 10	14 5	19 55	2 50	14 46	0 43	2 8	1 58	3 55	0 38	14 31	1 17	24 21	0 41	22 27	0 40	16 22	1 35	30 28	16 14	22 44	22 35	22 42		n.a.	T 10
F 11	14 24	22 7	1 41	15 38	0 52	1 40	1 59	4 12	0 37	14 28	1 17	24 20	0 41	22 27	0 40	16 21	1 35	30 28	16 14	22 44	22 36	22 43		n.a.	F 11
S 12	14 42	22 51	0 26	16 28	1 1	1 12	1 59	4 29	0 36	14 25	1 18	24 20	0 41	22 27	0 40	16 21	1 35	30 28	16 14	22 45	22 36	22 43		n.a.	S 12
S 13	15 1	22 3	0s50	17 17	1 9	0 44	1 59	4 46	0 36	14 23	1 18	24 20	0 41	22 26	0 40	16 20	1 35	30 28	16 15	22 45	22 37	22 44		n.a.	S 13
M14	15 19	19 53	2 2	18 4	1 17	0 16	1 59	5 3	0 35	14 20	1 18	24 20	0 41	22 26	0 40	16 20	1 35	30 28	16 15	22 45	22 37	22 44		n.a.	M14
T 15	15 37	16 34	3 5	18 48	1 25	0n12	1 59	5 20	0 35	14 17	1 19	24 19	0 41	22 26	0 40	16 19	1 35	30 29	16 15	22 45	22 37	22 44		n.a.	T 15
W16	15 55	12 24	3 57	19 30	1 31	0 40	1 59	5 37	0 34	14 15	1 19	24 19	0 41	22 25	0 39	16 19	1 35	30 29	16 16	22 45	22 38	22 45		n.a.	W16
T 17	16 12	7 40	4 35	20 10	1 37	1 8	1 59	5 54	0 34	14 13	1 19	24 19	0 41	22 25	0 39	16 19	1 35	30 29	16 16	22 46	22 38	22 45		n.a.	T 17
F 18	16 29	2 39	4 58	20 47	1 43	1 37	1 58	6 11	0 33	14 10	1 19	24 18	0 41	22 25	0 39	16 18	1 35	30 29	16 17	22 46	22 39	22 46		n.a.	F 18
S 19	16 46	2n24	5 4	21 22	1 48	2 5	1 58	6 28	0 33	14 8	1 20	24 18	0 41	22 24	0 39	16 18	1 35	30 30	16 17	22 48	22 39	22 46		n.a.	S 19
S 20	17 3	7 17	4 55	21 54	1 52	2 33	1 58	6 44	0 32	14 6	1 20	24 18	0 41	22 24	0 39	16 17	1 35	30 30	16 17	22 49	22 40	22 46		n.a.	S 20
M21	17 20	11 46	4 31	22 24	1 55	3 2	1 57	7 1	0 31	14 3	1 20	24 18	0 41	22 24	0 39	16 17	1 35	30 30	16 18	22 50	22 40	22 47		n.a.	M21
T 22	17 36	15 42	3 55	22 51	1 58	3 30	1 57	7 17	0 31	14 1	1 21	24 17	0 41	22 23	0 39	16 16	1 35	30 30	16 18	22 51	22 40	22 47		n.a.	T 22
W23	17 52	18 53	3 8	23 15	2 0	3 58	1 56	7 34	0 30	13 59	1 21	24 17	0 41	22 23	0 39	16 16	1 35	30 31	16 18	22 52	22 41	22 47		n.a.	W23
T 24	18 7	21 13	2 14	23 38	2 1	4 26	1 55	7 50	0 30	13 57	1 21	24 17	0 42	22 23	0 39	16 15	1 35	30 31	16 19	22 53	22 41	22 48		n.a.	T 24
F 25	18 23	22 35	1 14	23 57	2 1	4 55	1 54	8 6	0 29	13 55	1 22	24 16	0 42	22 22	0 39	16 15	1 35	30 31	16 19	22 53	22 42	22 48		n.a.	F 25
S 26	18 38	22 56	0 11	24 15	2 1	5 23	1 53	8 22	0 29	13 53	1 22	24 16	0 42	22 22	0 39	16 15	1 35	30 32	16 20	22 53	22 42	22 48		n.a.	S 26
S 27	18 52	22 15	0n52	24 30	2 1	5 51	1 52	8 39	0 28	13 51	1 22	24 16	0 42	22 21	0 39	16 14	1 35	30 32	16 20	22 53	22 42	22 49		n.a.	S 27
M28	19 7	20 35	1 54	24 43	1 59	6 19	1 51	8 55	0 27	13 49	1 22	24 15	0 42	22 21	0 39	16 14	1 35	30 32	16 20	22 53	22 43	22 49		n.a.	M28
T 29	19 21	18 0	2 51	24 53	1 57	6 47	1 50	9 10	0 27	13 47	1 23	24 15	0 42	22 20	0 39	16 13	1 35	30 33	16 21	22 53	22 43	22 49		n.a.	T 29
W30	19 35	14 35	3 42	25 2	1 55	7 15	1 49	9 26	0 26	13 46	1 23	24 15	0 42	22 20	0 39	16 13	1 35	30 33	16 21	22 53	22 44	22 50		n.a.	W30
T 31	19n48	10n28	4n23	25n 8	1n52	7n42	1s48	9n42	0s26	13s44	1s23	24n14	0n42	22n20	0n39	16s12	1n35	30s33	16s21	22n53	22n44	22n50		n.a.	T 31

Julian Day Number = 1302966.5, Delta T = 07h48m38s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'23, Lahiri = -19°46'22 Julian Calendar 1 May 1146 BCE == Greg. Calendar 20 Apr. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

JUNE 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 53 2	27♉57'04	26♍46	19♊40	24♈57	26♈24	27♒54	8♋47	23♋54	18°R53	19°R42	15°R39	16♋54	11♋24	n.a.	F 1
S 2	15 56 59	28°54'08	10♎ 4	21°14	26° 8	27° 5	27°59	8°54	23°57	18♏52	19♒42	15♋34	16°51	11°31	n.a.	S 2
S 3	16 0 55	29°51'13	23°49	22°46	27°19	27°46	28° 4	9° 0	23°59	18°50	19°42	15°28	16°48	11°38	n.a.	S 3
M 4	16 4 52	0♊48'18	8♏ 0	24°15	28°30	28°26	28° 9	9° 6	24° 2	18°49	19°42	15°21	16°45	11°44	n.a.	M 4
T 5	16 8 48	1°45'24	22°32	25°43	29°41	29° 7	28°14	9°13	24° 5	18°47	19°42	15°14	16°42	11°51	n.a.	T 5
W 6	16 12 45	2°42'30	7♐21	27° 8	0♉52	29°48	28°19	9°19	24° 7	18°45	19°42	15° 9	16°38	11°58	n.a.	W 6
T 7	16 16 42	3°39'36	22°17	28°31	2° 3	0♉28	28°23	9°26	24°10	18°44	19°42	15° 5	16°35	12° 4	n.a.	T 7
F 8	16 20 38	4°36'43	7♑12	29°52	3°15	1° 9	28°28	9°33	24°13	18°42	19°42	15° 4	16°32	12°11	n.a.	F 8
S 9	16 24 35	5°33'51	21°59	1♋11	4°26	1°49	28°32	9°39	24°15	18°41	19°41	15°D 4	16°29	12°18	n.a.	S 9
S 10	16 28 31	6°31'00	6♒32	2°27	5°38	2°30	28°36	9°46	24°18	18°39	19°41	15° 5	16°26	12°24	n.a.	S 10
M11	16 32 28	7°28'09	20°48	3°41	6°49	3°10	28°39	9°53	24°21	18°38	19°41	15° 6	16°23	12°31	n.a.	M11
T 12	16 36 24	8°25'20	4♓45	4°52	8° 1	3°50	28°43	10° 0	24°24	18°36	19°41	15°R 7	16°19	12°37	n.a.	T 12
W13	16 40 21	9°22'31	18°22	6° 1	9°12	4°30	28°46	10° 7	24°27	18°35	19°40	15° 7	16°16	12°44	n.a.	W13
T 14	16 44 17	10°19'43	1♈41	7° 8	10°24	5°11	28°50	10°14	24°30	18°33	19°40	15° 5	16°13	12°51	n.a.	T 14
F 15	16 48 14	11°16'56	14°44	8°11	11°36	5°51	28°53	10°20	24°33	18°32	19°40	15° 1	16°10	12°57	n.a.	F 15
S 16	16 52 11	12°14'11	27°31	9°12	12°47	6°31	28°56	10°27	24°36	18°30	19°40	14°57	16° 7	13° 4	n.a.	S 16
S 17	16 56 7	13°11'26	10♉ 4	10°10	13°59	7°11	28°58	10°34	24°39	18°29	19°39	14°52	16° 4	13°11	n.a.	S 17
M18	17 0 4	14° 8'42	22°26	11° 5	15°11	7°51	29° 1	10°41	24°42	18°28	19°39	14°47	16° 0	13°17	n.a.	M18
T 19	17 4 0	15° 6'00	4♊37	11°57	16°23	8°31	29° 3	10°49	24°45	18°26	19°38	14°42	15°57	13°24	n.a.	T 19
W20	17 7 57	16° 3'18	16°39	12°46	17°35	9°10	29° 5	10°56	24°48	18°25	19°38	14°38	15°54	13°31	n.a.	W20
T 21	17 11 53	17° 0'37	28°34	13°31	18°47	9°50	29° 7	11° 3	24°51	18°23	19°38	14°36	15°51	13°37	n.a.	T 21
F 22	17 15 50	17°57'57	10♋23	14°13	19°59	10°30	29° 9	11°10	24°54	18°22	19°37	14°D34	15°48	13°44	n.a.	F 22
S 23	17 19 47	18°55'19	22°10	14°51	21°11	11°10	29°10	11°17	24°58	18°21	19°37	14°35	15°44	13°51	n.a.	S 23
S 24	17 23 43	19°52'41	3♌56	15°24	22°23	11°49	29°12	11°24	25° 1	18°19	19°36	14°36	15°41	13°57	n.a.	S 24
M25	17 27 40	20°50'03	15°47	15°54	23°36	12°29	29°13	11°32	25° 4	18°18	19°36	14°37	15°38	14° 4	n.a.	M25
T 26	17 31 36	21°47'27	27°45	16°20	24°48	13° 8	29°14	11°39	25° 7	18°17	19°35	14°39	15°35	14°11	n.a.	T 26
W27	17 35 33	22°44'52	9♍56	16°41	26° 0	13°48	29°14	11°46	25°11	18°15	19°35	14°40	15°32	14°17	n.a.	W27
T 28	17 39 29	23°42'17	22°24	16°57	27°13	14°27	29°15	11°54	25°14	18°14	19°34	14°R41	15°29	14°24	n.a.	T 28
F 29	17 43 26	24°39'43	5♎12	17° 9	28°25	15° 6	29°15	12° 1	25°17	18°13	19°33	14°40	15°25	14°30	n.a.	F 29
S 30	17 47 22	25♊37'10	18♎26	17♋15	29♉37	15♉45	29°R15	12♋ 8	25♋21	18♏12	19♒33	14♋39	15♋22	14♋37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 2	5n46	4n52	25n13	1n48	8n10	1s46	9n58	0s25	13s42	1s24	24n14	0n42	22n19	0n39	16s12	1n35	30s34	16s22	22n54	22n44	22n50		n.a.
S 2	20 14	0 39	5 7	25 16	1 44	8 37	1 45	10 13	0 24	13 41	1 24	24 13	0 42	22 19	0 39	16 12	1 35	30 34	16 22	22 54	22 45	22 51		n.a.
S 3	20 27	4s40	5 6	25 17	1 39	9 5	1 43	10 29	0 24	13 39	1 24	24 13	0 42	22 18	0 39	16 11	1 35	30 34	16 23	22 55	22 45	22 51		n.a.
M 4	20 39	9 54	4 45	25 16	1 34	9 32	1 42	10 44	0 23	13 38	1 25	24 13	0 42	22 18	0 39	16 11	1 35	30 35	16 23	22 56	22 46	22 51		n.a.
T 5	20 51	14 44	4 6	25 13	1 28	9 59	1 40	10 59	0 23	13 36	1 25	24 12	0 42	22 17	0 39	16 10	1 35	30 35	16 23	22 57	22 46	22 51		n.a.
W 6	21 3	18 46	3 10	25 9	1 21	10 26	1 39	11 14	0 22	13 35	1 25	24 12	0 42	22 17	0 39	16 10	1 35	30 35	16 24	22 57	22 46	22 52		n.a.
T 7	21 14	21 36	2 1	25 4	1 14	10 52	1 37	11 29	0 21	13 34	1 26	24 11	0 42	22 16	0 39	16 10	1 35	30 36	16 24	22 58	22 47	22 52		n.a.
F 8	21 24	22 55	0 43	24 57	1 7	11 18	1 35	11 44	0 21	13 33	1 26	24 11	0 42	22 16	0 39	16 9	1 35	30 36	16 24	22 58	22 47	22 52		n.a.
S 9	21 35	22 37	0s38	24 49	0 59	11 45	1 33	11 59	0 20	13 31	1 26	24 10	0 42	22 15	0 39	16 9	1 35	30 37	16 25	22 58	22 48	22 53		n.a.
S 10	21 45	20 47	1 54	24 39	0 51	12 11	1 31	12 14	0 19	13 30	1 27	24 10	0 42	22 15	0 39	16 8	1 35	30 37	16 25	22 58	22 48	22 53		n.a.
M11	21 55	17 40	3 2	24 29	0 42	12 36	1 30	12 29	0 19	13 29	1 27	24 9	0 42	22 14	0 39	16 8	1 35	30 37	16 25	22 58	22 48	22 53		n.a.
T 12	22 4	13 36	3 58	24 17	0 33	13 2	1 28	12 43	0 18	13 28	1 27	24 9	0 42	22 14	0 39	16 8	1 35	30 38	16 26	22 57	22 49	22 53		n.a.
W13	22 13	8 56	4 39	24 5	0 23	13 27	1 26	12 57	0 17	13 27	1 28	24 9	0 42	22 13	0 39	16 7	1 35	30 38	16 26	22 58	22 49	22 54		n.a.
T 14	22 22	3 57	5 4	23 51	0 13	13 52	1 23	13 12	0 17	13 27	1 28	24 8	0 42	22 12	0 39	16 7	1 35	30 39	16 27	22 58	22 50	22 54		n.a.
F 15	22 30	1n 7	5 12	23 37	0 3	14 16	1 21	13 26	0 16	13 26	1 28	24 8	0 42	22 12	0 39	16 6	1 35	30 39	16 27	22 58	22 50	22 54		n.a.
S 16	22 38	6 1	5 5	23 23	0s 8	14 40	1 19	13 40	0 16	13 25	1 29	24 7	0 43	22 11	0 39	16 6	1 35	30 40	16 27	22 59	22 50	22 54		n.a.
S 17	22 45	10 37	4 43	23 7	0 19	15 4	1 17	13 54	0 15	13 24	1 29	24 7	0 43	22 11	0 39	16 6	1 35	30 40	16 28	22 59	22 51	22 54		n.a.
M18	22 52	14 41	4 8	22 51	0 30	15 28	1 15	14 8	0 14	13 24	1 29	24 6	0 43	22 10	0 39	16 5	1 35	30 40	16 28	23 0	22 51	22 55		n.a.
T 19	22 59	18 6	3 22	22 35	0 42	15 51	1 12	14 21	0 14	13 23	1 30	24 5	0 43	22 10	0 39	16 5	1 35	30 41	16 28	23 0	22 52	22 55		n.a.
W20	23 5	20 42	2 27	22 19	0 54	16 14	1 10	14 35	0 13	13 23	1 30	24 5	0 43	22 9	0 39	16 5	1 35	30 41	16 29	23 1	22 52	22 55		n.a.
T 21	23 11	22 22	1 27	22 2	1 6	16 37	1 8	14 48	0 12	13 23	1 30	24 4	0 43	22 8	0 39	16 4	1 35	30 42	16 29	23 1	22 52	22 55		n.a.
F 22	23 17	23 2	0 23	21 45	1 19	16 59	1 5	15 2	0 12	13 22	1 31	24 4	0 43	22 8	0 39	16 4	1 35	30 42	16 29	23 1	22 53	22 55		n.a.
S 23	23 22	22 40	0n42	21 29	1 31	17 20	1 3	15 15	0 11	13 22	1 31	24 3	0 43	22 7	0 39	16 3	1 35	30 43	16 30	23 1	22 53	22 56		n.a.
S 24	23 26	21 17	1 45	21 12	1 44	17 42	1 0	15 28	0 10	13 22	1 31	24 3	0 43	22 7	0 39	16 3	1 34	30 43	16 30	23 1	22 53	22 56		n.a.
M25	23 30	18 58	2 44	20 56	1 57	18 3	0 58	15 41	0 10	13 22	1 32	24 2	0 43	22 6	0 39	16 3	1 34	30 44	16 30	23 1	22 54	22 56		n.a.
T 26	23 34	15 49	3 36	20 40	2 10	18 23	0 55	15 54	0 9	13 22	1 32	24 2	0 43	22 5	0 39	16 3	1 34	30 44	16 31	23 1	22 54	22 56		n.a.
W27	23 38	11 58	4 20	20 24	2 23	18 43	0 53	16 6	0 8	13 22	1 32	24 1	0 43	22 5	0 39	16 2	1 34	30 45	16 31	23 0	22 55	22 56		n.a.
T 28	23 41	7 32	4 53	20 9	2 36	19 2	0 50	16 19	0 8	13 22	1 33	24 0	0 43	22 4	0 39	16 2	1 34	30 45	16 31	23 0	22 55	22 56		n.a.
F 29	23 43	2 39	5 12	19 55	2 49	19 22	0 48	16 31	0 7	13 22	1 33	24 0	0 43	22 3	0 39	16 2	1 34	30 46	16 32	23 0	22 55	22 57		n.a.
S 30	23n45	2s29	5n15	19n41	3s 2	19n40	0s45	16n44	0s 6	13s22	1s33	23n59	0n43	22n 3	0n39	16s 1	1n34	30s46	16s32	23n 1	22n56	22n57		n.a.

Julian Day Number = 1302997.5, Delta T = 07h48m37s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'18, Lahiri = -19°46'18 Julian Calendar 1 June 1146 BCE == Greg. Calendar 21 May 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

JULY 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 19	26♊34'38	2♏ 6	17°R17	0♊50	16♉25	29°R15	12♋16	25♋24	18°R11	19°R32	14°R37	15♋19	14♋44	n.a.	S 1
M 2	17 55 16	27°32'08	16°14	17♋13	2° 3	17° 4	29♒15	12°23	25°28	18♏ 9	19♒32	14♋35	15°16	14°50	n.a.	M 2
T 3	17 59 12	28°29'38	0♐48	17° 3	3°15	17°43	29°15	12°30	25°31	18° 8	19°31	14°33	15°13	14°57	n.a.	T 3
W 4	18 3 9	29°27'10	15°41	16°48	4°28	18°22	29°14	12°38	25°35	18° 7	19°30	14°31	15° 9	15° 4	n.a.	W 4
T 5	18 7 5	0♋24'43	0♑48	16°28	5°41	19° 1	29°13	12°45	25°38	18° 6	19°29	14°30	15° 6	15°10	n.a.	T 5
F 6	18 11 2	1°22'17	15°58	16° 2	6°53	19°39	29°12	12°53	25°42	18° 5	19°29	14°D30	15° 3	15°17	n.a.	F 6
S 7	18 14 58	2°19'53	1♒ 3	15°32	8° 6	20°18	29°11	13° 0	25°45	18° 4	19°28	14°31	15° 0	15°24	n.a.	S 7
S 8	18 18 55	3°17'30	15°54	14°56	9°19	20°57	29°10	13° 8	25°49	18° 3	19°27	14°31	14°57	15°30	n.a.	S 8
M 9	18 22 51	4°15'09	0♓26	14°16	10°32	21°36	29° 8	13°15	25°52	18° 2	19°27	14°32	14°54	15°37	n.a.	M 9
T 10	18 26 48	5°12'50	14°33	13°32	11°45	22°14	29° 6	13°23	25°56	18° 1	19°26	14°33	14°50	15°44	n.a.	T 10
W11	18 30 45	6°10'32	28°16	12°45	12°58	22°53	29° 4	13°30	25°59	18° 0	19°25	14°33	14°47	15°50	n.a.	W11
T 12	18 34 41	7° 8'16	11♈35	11°55	14°11	23°31	29° 2	13°38	26° 3	17°59	19°24	14°R33	14°44	15°57	n.a.	T 12
F 13	18 38 38	8° 6'02	24°32	11° 3	15°24	24°10	28°59	13°45	26° 7	17°58	19°23	14°33	14°41	16° 4	n.a.	F 13
S 14	18 42 34	9° 3'50	7♉10	10°11	16°38	24°48	28°57	13°53	26°10	17°57	19°22	14°33	14°38	16°10	n.a.	S 14
S 15	18 46 31	10° 1'40	19°32	9°19	17°51	25°26	28°54	14° 1	26°14	17°57	19°22	14°32	14°35	16°17	n.a.	S 15
M16	18 50 27	10°59'32	1♊41	8°28	19° 4	26° 5	28°51	14° 8	26°18	17°56	19°21	14°31	14°31	16°23	n.a.	M16
T 17	18 54 24	11°57'25	13°41	7°40	20°17	26°43	28°48	14°16	26°21	17°55	19°20	14°31	14°28	16°30	n.a.	T 17
W18	18 58 20	12°55'21	25°34	6°55	21°31	27°21	28°45	14°23	26°25	17°54	19°19	14°31	14°25	16°37	n.a.	W18
T 19	19 2 17	13°53'18	7♋23	6°14	22°44	27°59	28°41	14°31	26°29	17°53	19°18	14°31	14°22	16°43	n.a.	T 19
F 20	19 6 14	14°51'17	19°10	5°39	23°58	28°37	28°37	14°38	26°33	17°53	19°17	14°31	14°19	16°50	n.a.	F 20
S 21	19 10 10	15°49'18	0♌57	5°10	25°11	29°15	28°33	14°46	26°36	17°52	19°16	14°31	14°15	16°57	n.a.	S 21
S 22	19 14 7	16°47'20	12°47	4°47	26°25	29°53	28°29	14°54	26°40	17°51	19°15	14°31	14°12	17° 3	n.a.	S 22
M23	19 18 3	17°45'24	24°43	4°32	27°39	0♊30	28°25	15° 1	26°44	17°51	19°14	14°30	14° 9	17°10	n.a.	M23
T 24	19 22 0	18°43'30	6♍46	4°D25	28°52	1° 8	28°21	15° 9	26°48	17°50	19°13	14°30	14° 6	17°17	n.a.	T 24
W25	19 25 56	19°41'37	19° 1	4°26	0♋ 6	1°46	28°16	15°16	26°51	17°50	19°12	14°29	14° 3	17°23	n.a.	W25
T 26	19 29 53	20°39'46	1♎30	4°36	1°20	2°23	28°11	15°24	26°55	17°49	19°11	14°29	14° 0	17°30	n.a.	T 26
F 27	19 33 49	21°37'56	14°17	4°54	2°34	3° 1	28° 6	15°31	26°59	17°49	19°10	14°28	13°56	17°37	n.a.	F 27
S 28	19 37 46	22°36'08	27°25	5°21	3°47	3°38	28° 1	15°39	27° 3	17°48	19° 9	14°D28	13°53	17°43	n.a.	S 28
S 29	19 41 43	23°34'22	10♏56	5°55	5° 1	4°16	27°56	15°47	27° 6	17°48	19° 8	14°29	13°50	17°50	n.a.	S 29
M30	19 45 39	24°32'37	24°54	6°38	6°15	4°53	27°50	15°54	27°10	17°47	19° 7	14°29	13°47	17°56	n.a.	M30
T 31	19 49 36	25♋30'54	9♐16	7♋29	7♋29	5♊30	27♒45	16♋ 2	27♋14	17♏47	19♒ 6	14♋30	13♋44	18♋ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	7s41	5n 2	19n29	3s14	19n58	0s42	16n56	0s 5	13s23	1s34	23n58	0n43	22n 2	0n39	16s 1	1n34	30s47	16s32	23n 1	22n56	22n57		n.a.
M 2	23 48	12 40	4 29	19 18	3 26	20 16	0 40	17 8	0 5	13 23	1 34	23 58	0 43	22 2	0 39	16 1	1 34	30 47	16 33	23 1	22 56	22 57		n.a.
T 3	23 49	17 5	3 39	19 7	3 38	20 33	0 37	17 20	0 4	13 24	1 34	23 57	0 44	22 1	0 39	16 0	1 34	30 48	16 33	23 1	22 57	22 57		n.a.
W 4	23 50	20 31	2 33	18 58	3 49	20 49	0 34	17 31	0 3	13 24	1 35	23 57	0 44	22 0	0 39	16 0	1 34	30 48	16 33	23 1	22 57	22 57		n.a.
T 5	23 50	22 34	1 15	18 51	3 59	21 5	0 32	17 43	0 3	13 25	1 35	23 56	0 44	22 0	0 39	16 0	1 34	30 49	16 34	23 2	22 58	22 57		n.a.
F 6	23 49	23 0	0s 8	18 45	4 8	21 20	0 29	17 54	0 2	13 26	1 35	23 55	0 44	21 59	0 38	16 0	1 34	30 49	16 34	23 2	22 58	22 58		n.a.
S 7	23 49	21 43	1 31	18 41	4 16	21 35	0 26	18 6	0 1	13 26	1 36	23 55	0 44	21 58	0 38	15 59	1 34	30 50	16 34	23 2	22 58	22 58		n.a.
S 8	23 47	18 57	2 46	18 38	4 23	21 49	0 24	18 17	0 1	13 27	1 36	23 54	0 44	21 58	0 38	15 59	1 34	30 50	16 34	23 1	22 59	22 58		n.a.
M 9	23 46	15 3	3 48	18 37	4 28	22 3	0 21	18 28	0n 0	13 28	1 36	23 53	0 44	21 57	0 38	15 59	1 34	30 51	16 35	23 1	22 59	22 58		n.a.
T 10	23 44	10 24	4 35	18 37	4 32	22 16	0 18	18 39	0 1	13 29	1 37	23 52	0 44	21 56	0 38	15 59	1 34	30 51	16 35	23 1	22 59	22 58		n.a.
W11	23 41	5 21	5 5	18 40	4 34	22 28	0 16	18 49	0 2	13 30	1 37	23 52	0 44	21 55	0 38	15 58	1 34	30 52	16 35	23 1	23 0	22 58		n.a.
T 12	23 38	0 12	5 17	18 44	4 34	22 40	0 13	19 0	0 2	13 31	1 37	23 51	0 44	21 55	0 38	15 58	1 34	30 53	16 35	23 1	23 0	22 58		n.a.
F 13	23 35	4n49	5 13	18 50	4 33	22 51	0 10	19 10	0 3	13 32	1 38	23 50	0 44	21 54	0 38	15 58	1 34	30 53	16 36	23 1	23 0	22 58		n.a.
S 14	23 31	9 31	4 53	18 57	4 30	23 1	0 8	19 20	0 4	13 33	1 38	23 50	0 44	21 53	0 38	15 58	1 34	30 54	16 36	23 1	23 1	22 58		n.a.
S 15	23 27	13 43	4 20	19 6	4 24	23 11	0 5	19 31	0 5	13 35	1 38	23 49	0 44	21 53	0 38	15 58	1 34	30 54	16 36	23 1	23 1	22 58		n.a.
M16	23 22	17 18	3 36	19 16	4 17	23 20	0 2	19 40	0 5	13 36	1 39	23 48	0 44	21 52	0 38	15 57	1 33	30 55	16 37	23 1	23 1	22 58		n.a.
T 17	23 17	20 7	2 43	19 28	4 8	23 29	0n 0	19 50	0 6	13 38	1 39	23 47	0 45	21 51	0 38	15 57	1 33	30 55	16 37	23 1	23 2	22 58		n.a.
W18	23 11	22 2	1 43	19 41	3 58	23 36	0 3	20 0	0 7	13 39	1 39	23 47	0 45	21 50	0 38	15 57	1 33	30 56	16 37	23 2	23 2	22 58		n.a.
T 19	23 6	22 58	0 40	19 55	3 46	23 43	0 6	20 9	0 8	13 41	1 40	23 46	0 45	21 50	0 38	15 57	1 33	30 56	16 37	23 2	23 2	22 59		n.a.
F 20	22 59	22 52	0n26	20 11	3 32	23 50	0 8	20 19	0 8	13 42	1 40	23 45	0 45	21 49	0 38	15 57	1 33	30 57	16 37	23 2	23 3	22 59		n.a.
S 21	22 52	21 44	1 30	20 26	3 17	23 55	0 11	20 28	0 9	13 44	1 40	23 44	0 45	21 48	0 38	15 57	1 33	30 57	16 38	23 2	23 3	22 59		n.a.
S 22	22 45	19 39	2 31	20 43	3 2	24 0	0 13	20 37	0 10	13 46	1 41	23 44	0 45	21 48	0 38	15 57	1 33	30 58	16 38	23 2	23 4	22 59		n.a.
M23	22 38	16 43	3 25	21 0	2 45	24 5	0 16	20 46	0 11	13 47	1 41	23 43	0 45	21 47	0 38	15 56	1 33	30 58	16 38	23 2	23 4	22 59		n.a.
T 24	22 30	13 3	4 12	21 17	2 28	24 8	0 18	20 54	0 11	13 49	1 41	23 42	0 45	21 46	0 38	15 56	1 33	30 59	16 38	23 2	23 4	22 59		n.a.
W25	22 22	8 48	4 47	21 35	2 10	24 11	0 21	21 3	0 12	13 51	1 41	23 41	0 45	21 45	0 38	15 56	1 33	31 0	16 39	23 2	23 5	22 59		n.a.
T 26	22 13	4 7	5 10	21 52	1 53	24 13	0 23	21 11	0 13	13 53	1 42	23 40	0 45	21 45	0 38	15 56	1 33	31 0	16 39	23 2	23 5	22 59		n.a.
F 27	22 4	0s51	5 18	22 9	1 35	24 14	0 26	21 20	0 14	13 55	1 42	23 40	0 45	21 44	0 38	15 56	1 33	31 1	16 39	23 2	23 5	22 59		n.a.
S 28	21 54	5 55	5 10	22 26	1 18	24 15	0 28	21 28	0 14	13 57	1 42	23 39	0 45	21 43	0 38	15 56	1 33	31 1	16 39	23 2	23 6	22 59		n.a.
S 29	21 44	10 51	4 44	22 41	1 0	24 15	0 31	21 36	0 15	13 59	1 43	23 38	0 46	21 42	0 38	15 56	1 33	31 2	16 39	23 2	23 6	22 59		n.a.
M30	21 34	15 23	4 2	22 56	0 44	24 14	0 33	21 43	0 16	14 1	1 43	23 37	0 46	21 42	0 38	15 56	1 33	31 2	16 39	23 2	23 6	22 59		n.a.
T 31	21n23	19s11	3n 4	23n 9	0s28	24n12	0n35	21n51	0n17	14s 4	1s43	23n36	0n46	21n41	0n38	15s56	1n33	31s 3	16s40	23n 2	23n 7	22n59		n.a.

Julian Day Number = 1303027.5, Delta T = 07h48m35s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'14, Lahiri = -19°46'14 Julian Calendar 1 July 1146 BCE == Greg. Calendar 20 June 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

AUGUST 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 53 32	26♋29'13	24♐ 0	8♋27	8♋43	6♊ 7	27°R39	16♋ 9	27♋18	17°R47	19°R 5	14♋31	13♋41	18♋10	n.a.	W 1
T 2	19 57 29	27°27'34	9♑ 2	9°33	9°57	6°44	27♒33	16°17	27°22	17♏46	19♒ 4	14°R32	13°37	18°16	n.a.	T 2
F 3	20 1 25	28°25'56	24°12	10°45	11°11	7°21	27°27	16°24	27°25	17°46	19° 2	14°31	13°34	18°23	n.a.	F 3
S 4	20 5 22	29°24'21	9♒23	12° 3	12°26	7°58	27°21	16°31	27°29	17°46	19° 1	14°31	13°31	18°30	n.a.	S 4
S 5	20 9 18	0♌22'47	24°25	13°26	13°40	8°35	27°15	16°39	27°33	17°45	19° 0	14°29	13°28	18°36	n.a.	S 5
M 6	20 13 15	1°21'16	9♓ 9	14°55	14°54	9°12	27° 8	16°46	27°37	17°45	18°59	14°27	13°25	18°43	n.a.	M 6
T 7	20 17 12	2°19'47	23°28	16°28	16° 8	9°49	27° 2	16°54	27°40	17°45	18°58	14°25	13°21	18°50	n.a.	T 7
W 8	20 21 8	3°18'20	7♈21	18° 5	17°23	10°25	26°55	17° 1	27°44	17°45	18°57	14°23	13°18	18°56	n.a.	W 8
T 9	20 25 5	4°16'55	20°46	19°45	18°37	11° 2	26°48	17° 9	27°48	17°45	18°56	14°21	13°15	19° 3	n.a.	T 9
F 10	20 29 1	5°15'33	3♉44	21°28	19°51	11°39	26°41	17°16	27°52	17°45	18°54	14°D21	13°12	19°10	n.a.	F 10
S 11	20 32 58	6°14'13	16°20	23°14	21° 6	12°15	26°34	17°23	27°56	17°D45	18°53	14°21	13° 9	19°16	n.a.	S 11
S 12	20 36 54	7°12'56	28°38	25° 1	22°20	12°51	26°27	17°30	27°59	17°45	18°52	14°22	13° 6	19°23	n.a.	S 12
M13	20 40 51	8°11'41	10♊41	26°49	23°35	13°28	26°20	17°38	28° 3	17°45	18°51	14°24	13° 2	19°30	n.a.	M13
T 14	20 44 47	9°10'28	22°35	28°39	24°49	14° 4	26°12	17°45	28° 7	17°45	18°50	14°26	12°59	19°36	n.a.	T 14
W15	20 48 44	10° 9'18	4♋23	0♌30	26° 4	14°40	26° 5	17°52	28°11	17°45	18°49	14°27	12°56	19°43	n.a.	W15
T 16	20 52 40	11° 8'10	16°10	2°20	27°19	15°16	25°57	17°59	28°14	17°45	18°47	14°R27	12°53	19°49	n.a.	T 16
F 17	20 56 37	12° 7'04	27°57	4°12	28°33	15°52	25°50	18° 7	28°18	17°45	18°46	14°26	12°50	19°56	n.a.	F 17
S 18	21 0 34	13° 6'01	9♌49	6° 3	29°48	16°28	25°42	18°14	28°22	17°46	18°45	14°24	12°47	20° 3	n.a.	S 18
S 19	21 4 30	14° 4'59	21°47	7°54	1♌ 3	17° 4	25°34	18°21	28°25	17°46	18°44	14°20	12°43	20° 9	n.a.	S 19
M20	21 8 27	15° 4'00	3♍52	9°44	2°18	17°40	25°26	18°28	28°29	17°46	18°43	14°16	12°40	20°16	n.a.	M20
T 21	21 12 23	16° 3'03	16° 7	11°34	3°32	18°15	25°19	18°35	28°33	17°46	18°41	14°10	12°37	20°23	n.a.	T 21
W22	21 16 20	17° 2'07	28°32	13°24	4°47	18°51	25°11	18°42	28°36	17°47	18°40	14° 4	12°34	20°29	n.a.	W22
T 23	21 20 16	18° 1'14	11♎10	15°13	6° 2	19°26	25° 3	18°49	28°40	17°47	18°39	13°59	12°31	20°36	n.a.	T 23
F 24	21 24 13	19° 0'23	24° 2	17° 1	7°17	20° 2	24°55	18°56	28°44	17°48	18°38	13°55	12°27	20°43	n.a.	F 24
S 25	21 28 9	19°59'33	7♏10	18°49	8°32	20°37	24°47	19° 3	28°47	17°48	18°37	13°53	12°24	20°49	n.a.	S 25
S 26	21 32 6	20°58'46	20°37	20°36	9°47	21°12	24°39	19° 9	28°51	17°49	18°35	13°D52	12°21	20°56	n.a.	S 26
M27	21 36 2	21°58'00	4♐22	22°22	11° 2	21°47	24°31	19°16	28°54	17°49	18°34	13°53	12°18	21° 3	n.a.	M27
T 28	21 39 59	22°57'17	18°29	24° 7	12°17	22°22	24°23	19°23	28°58	17°50	18°33	13°54	12°15	21° 9	n.a.	T 28
W29	21 43 56	23°56'35	2♑55	25°51	13°32	22°57	24°15	19°30	29° 1	17°50	18°32	13°55	12°12	21°16	n.a.	W29
T 30	21 47 52	24°55'56	17°38	27°35	14°47	23°32	24° 6	19°36	29° 5	17°51	18°31	13°R56	12° 8	21°23	n.a.	T 30
F 31	21 51 49	25♌55'18	2♒34	29♌18	16♌ 2	24♊ 7	23♒58	19♋43	29♋ 8	17♏51	18♒29	13♋54	12♋ 5	21♋29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n12	21s50	1n51	23n21	0s12	24n10	0n38	21n58	0n18	14s 6	1s43	23n36	0n46	21n40	0n38	15s56	1n33	31s 3	16s40	23n 1	23n 7	22n59		n.a.
T 2	21 1	23 1	0 30	23 32	0n 3	24 7	0 40	22 6	0 18	14 8	1 44	23 35	0 46	21 39	0 38	15 56	1 33	31 4	16 40	23 1	23 7	22 58		n.a.
F 3	20 49	22 30	0s53	23 40	0 17	24 3	0 42	22 13	0 19	14 11	1 44	23 34	0 46	21 39	0 38	15 56	1 32	31 4	16 40	23 1	23 8	22 58		n.a.
S 4	20 36	20 20	2 14	23 46	0 30	23 58	0 44	22 20	0 20	14 13	1 44	23 33	0 46	21 38	0 38	15 56	1 32	31 5	16 40	23 2	23 8	22 58		n.a.
S 5	20 24	16 47	3 23	23 50	0 42	23 53	0 46	22 26	0 21	14 15	1 44	23 32	0 46	21 37	0 38	15 56	1 32	31 5	16 40	23 2	23 8	22 58		n.a.
M 6	20 11	12 15	4 18	23 51	0 53	23 47	0 48	22 33	0 22	14 18	1 44	23 31	0 46	21 36	0 38	15 56	1 32	31 6	16 40	23 2	23 9	22 58		n.a.
T 7	19 58	7 8	4 55	23 50	1 3	23 40	0 50	22 39	0 22	14 20	1 45	23 31	0 46	21 36	0 38	15 56	1 32	31 6	16 41	23 2	23 9	22 58		n.a.
W 8	19 44	1 50	5 14	23 46	1 12	23 33	0 52	22 46	0 23	14 23	1 45	23 30	0 47	21 35	0 39	15 56	1 32	31 7	16 41	23 2	23 9	22 58		n.a.
T 9	19 30	3n23	5 14	23 40	1 20	23 24	0 54	22 52	0 24	14 25	1 45	23 29	0 47	21 34	0 39	15 56	1 32	31 7	16 41	23 3	23 10	22 58		n.a.
F 10	19 16	8 18	4 58	23 31	1 27	23 16	0 56	22 58	0 25	14 28	1 45	23 28	0 47	21 33	0 39	15 56	1 32	31 8	16 41	23 3	23 10	22 58		n.a.
S 11	19 1	12 43	4 28	23 19	1 33	23 6	0 58	23 3	0 26	14 31	1 45	23 27	0 47	21 33	0 39	15 56	1 32	31 8	16 41	23 3	23 10	22 58		n.a.
S 12	18 46	16 30	3 47	23 5	1 38	22 56	1 0	23 9	0 27	14 33	1 46	23 26	0 47	21 32	0 39	15 56	1 32	31 9	16 41	23 2	23 10	22 58		n.a.
M13	18 31	19 31	2 56	22 48	1 42	22 45	1 1	23 15	0 27	14 36	1 46	23 26	0 47	21 31	0 39	15 56	1 32	31 9	16 41	23 2	23 11	22 58		n.a.
T 14	18 15	21 40	1 58	22 29	1 45	22 33	1 3	23 20	0 28	14 39	1 46	23 25	0 47	21 30	0 39	15 56	1 32	31 10	16 41	23 2	23 11	22 58		n.a.
W15	17 59	22 50	0 55	22 7	1 48	22 20	1 5	23 25	0 29	14 41	1 46	23 24	0 47	21 30	0 39	15 56	1 32	31 10	16 41	23 2	23 11	22 57		n.a.
T 16	17 43	22 59	0n 9	21 44	1 49	22 7	1 6	23 30	0 30	14 44	1 46	23 23	0 47	21 29	0 39	15 56	1 32	31 11	16 41	23 2	23 12	22 57		n.a.
F 17	17 26	22 7	1 14	21 18	1 50	21 54	1 8	23 35	0 31	14 47	1 46	23 22	0 48	21 28	0 39	15 56	1 32	31 11	16 42	23 2	23 12	22 57		n.a.
S 18	17 9	20 14	2 15	20 51	1 51	21 39	1 9	23 39	0 32	14 50	1 47	23 21	0 48	21 27	0 39	15 56	1 32	31 12	16 42	23 2	23 12	22 57		n.a.
S 19	16 52	17 28	3 11	20 22	1 50	21 24	1 11	23 44	0 33	14 52	1 47	23 20	0 48	21 27	0 39	15 57	1 32	31 12	16 42	23 3	23 13	22 57		n.a.
M20	16 35	13 56	3 58	19 51	1 49	21 8	1 12	23 48	0 33	14 55	1 47	23 19	0 48	21 26	0 39	15 57	1 31	31 12	16 42	23 3	23 13	22 57		n.a.
T 21	16 17	9 47	4 36	19 19	1 48	20 52	1 13	23 52	0 34	14 58	1 47	23 19	0 48	21 25	0 39	15 57	1 31	31 13	16 42	23 4	23 13	22 57		n.a.
W22	15 59	5 10	5 1	18 45	1 46	20 35	1 14	23 56	0 35	15 1	1 47	23 18	0 48	21 24	0 39	15 57	1 31	31 13	16 42	23 4	23 14	22 57		n.a.
T 23	15 41	0 17	5 11	18 11	1 43	20 17	1 16	24 0	0 36	15 4	1 47	23 17	0 48	21 24	0 39	15 57	1 31	31 14	16 42	23 5	23 14	22 56		n.a.
F 24	15 22	4s43	5 7	17 35	1 40	19 59	1 17	24 4	0 37	15 7	1 47	23 16	0 48	21 23	0 39	15 57	1 31	31 14	16 42	23 5	23 14	22 56		n.a.
S 25	15 3	9 37	4 47	16 58	1 37	19 40	1 18	24 7	0 38	15 9	1 47	23 15	0 48	21 22	0 39	15 58	1 31	31 15	16 42	23 6	23 14	22 56		n.a.
S 26	14 44	14 11	4 10	16 20	1 33	19 21	1 19	24 11	0 39	15 12	1 47	23 14	0 49	21 21	0 39	15 58	1 31	31 15	16 42	23 6	23 15	22 56		n.a.
M27	14 25	18 7	3 19	15 41	1 29	19 1	1 20	24 14	0 40	15 15	1 47	23 13	0 49	21 21	0 39	15 58	1 31	31 15	16 42	23 6	23 15	22 56		n.a.
T 28	14 5	21 6	2 14	15 2	1 25	18 41	1 21	24 17	0 41	15 18	1 47	23 13	0 49	21 20	0 39	15 58	1 31	31 16	16 42	23 6	23 15	22 55		n.a.
W29	13 45	22 48	1 0	14 22	1 20	18 20	1 21	24 20	0 42	15 21	1 47	23 12	0 49	21 19	0 39	15 58	1 31	31 16	16 42	23 5	23 16	22 55		n.a.
T 30	13 25	22 59	0s20	13 41	1 15	17 58	1 22	24 23	0 43	15 23	1 48	23 11	0 49	21 19	0 39	15 59	1 31	31 17	16 42	23 5	23 16	22 55		n.a.
F 31	13n 5	21s31	1s39	13n 0	1n10	17n36	1n23	24n25	0n43	15s26	1s48	23n10	0n49	21n18	0n39	15s59	1n31	31s17	16s42	23n 5	23n16	22n55		n.a.

Julian Day Number = 1303058.5, Delta T = 07h48m33s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'10, Lahiri = -19°46'10 Julian Calendar 1 Aug. 1146 BCE == Greg. Calendar 21 July 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

SEPTEMBER 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 45	26♌54'42	17♒34	1♍ 0	17♌17	24♊41	23°R50	19♋50	29♋12	17♏52	18°R28	13°R51	12♋ 2	21♋36	n.a.	S 1
S 2	21 59 42	27°54'08	2♓31	2°41	18°32	25°16	23♒42	19°56	29°15	17°53	18♒27	13♋46	11°59	21°42	n.a.	S 2
M 3	22 3 38	28°53'37	17°15	4°21	19°47	25°50	23°34	20° 3	29°19	17°54	18°26	13°39	11°56	21°49	n.a.	M 3
T 4	22 7 35	29°53'08	1♈40	6° 1	21° 2	26°25	23°26	20° 9	29°22	17°54	18°25	13°31	11°53	21°56	n.a.	T 4
W 5	22 11 31	0♍52'41	15°39	7°40	22°18	26°59	23°18	20°15	29°26	17°55	18°24	13°24	11°49	22° 2	n.a.	W 5
T 6	22 15 28	1°52'16	29°10	9°18	23°33	27°33	23°10	20°22	29°29	17°56	18°22	13°18	11°46	22° 9	n.a.	T 6
F 7	22 19 25	2°51'54	12♉13	10°56	24°48	28° 7	23° 3	20°28	29°32	17°57	18°21	13°14	11°43	22°16	n.a.	F 7
S 8	22 23 21	3°51'34	24°52	12°33	26° 3	28°41	22°55	20°34	29°36	17°58	18°20	13°12	11°40	22°22	n.a.	S 8
S 9	22 27 18	4°51'17	7♊10	14° 9	27°19	29°15	22°47	20°40	29°39	17°59	18°19	13°D11	11°37	22°29	n.a.	S 9
M10	22 31 14	5°51'02	19°13	15°45	28°34	29°49	22°39	20°47	29°42	18° 0	18°18	13°12	11°33	22°36	n.a.	M10
T 11	22 35 11	6°50'50	1♋ 5	17°19	29°49	0♋22	22°32	20°53	29°45	18° 1	18°17	13°13	11°30	22°42	n.a.	T 11
W12	22 39 7	7°50'40	12°52	18°54	1♍ 5	0°56	22°24	20°59	29°49	18° 2	18°15	13°R14	11°27	22°49	n.a.	W12
T 13	22 43 4	8°50'32	24°39	20°27	2°20	1°29	22°17	21° 4	29°52	18° 3	18°14	13°13	11°24	22°56	n.a.	T 13
F 14	22 47 0	9°50'27	6♌29	22° 1	3°35	2° 3	22° 9	21°10	29°55	18° 4	18°13	13°10	11°21	23° 2	n.a.	F 14
S 15	22 50 57	10°50'24	18°27	23°33	4°51	2°36	22° 2	21°16	29°58	18° 5	18°12	13° 5	11°18	23° 9	n.a.	S 15
S 16	22 54 53	11°50'22	0♍35	25° 5	6° 6	3° 9	21°55	21°22	0♌ 1	18° 6	18°11	12°57	11°14	23°16	n.a.	S 16
M17	22 58 50	12°50'23	12°54	26°36	7°22	3°42	21°48	21°28	0° 4	18° 7	18°10	12°47	11°11	23°22	n.a.	M17
T 18	23 2 47	13°50'26	25°25	28° 7	8°37	4°15	21°41	21°33	0° 7	18° 8	18° 9	12°35	11° 8	23°29	n.a.	T 18
W19	23 6 43	14°50'31	8♎ 9	29°37	9°53	4°47	21°34	21°39	0°10	18°10	18° 8	12°24	11° 5	23°36	n.a.	W19
T 20	23 10 40	15°50'38	21° 4	1♎ 7	11° 8	5°20	21°27	21°44	0°13	18°11	18° 7	12°13	11° 2	23°42	n.a.	T 20
F 21	23 14 36	16°50'47	4♏11	2°36	12°23	5°52	21°21	21°50	0°16	18°12	18° 6	12° 4	10°58	23°49	n.a.	F 21
S 22	23 18 33	17°50'57	17°30	4° 4	13°39	6°24	21°14	21°55	0°19	18°13	18° 5	11°57	10°55	23°55	n.a.	S 22
S 23	23 22 29	18°51'10	1♐ 1	5°32	14°54	6°57	21° 8	22° 0	0°22	18°15	18° 4	11°54	10°52	24° 2	n.a.	S 23
M24	23 26 26	19°51'24	14°44	7° 0	16°10	7°29	21° 2	22° 5	0°24	18°16	18° 3	11°D52	10°49	24° 9	n.a.	M24
T 25	23 30 22	20°51'39	28°40	8°26	17°25	8° 1	20°56	22°10	0°27	18°18	18° 2	11°52	10°46	24°15	n.a.	T 25
W26	23 34 19	21°51'57	12♑49	9°52	18°41	8°32	20°50	22°15	0°30	18°19	18° 1	11°R53	10°43	24°22	n.a.	W26
T 27	23 38 16	22°52'16	27°11	11°17	19°56	9° 4	20°44	22°20	0°33	18°20	18° 0	11°52	10°39	24°29	n.a.	T 27
F 28	23 42 12	23°52'36	11♒42	12°42	21°12	9°35	20°39	22°25	0°35	18°22	17°59	11°49	10°36	24°35	n.a.	F 28
S 29	23 46 9	24°52'58	26°19	14° 6	22°28	10° 7	20°33	22°30	0°38	18°23	17°58	11°43	10°33	24°42	n.a.	S 29
S 30	23 50 5	25♍53'22	10♓55	15♎29	23♍43	10♋38	20♒28	22♋35	0♌40	18♏25	17♒57	11♋34	10♋30	24♋49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n45	18s33	2s52	12n18	1n 4	17n14	1n23	24n28	0n44	15s29	1s48	23n 9	0n49	21n17	0n39	15s59	1n31	31s17	16s42	23n 6	23n17	22n55		n.a.
S 2	12 24	14 21	3 53	11 36	0 59	16 51	1 24	24 30	0 45	15 32	1 48	23 8	0 50	21 16	0 39	15 59	1 31	31 18	16 42	23 6	23 17	22 54		n.a.
M 3	12 3	9 21	4 37	10 53	0 53	16 27	1 24	24 32	0 46	15 34	1 48	23 7	0 50	21 16	0 39	16 0	1 31	31 18	16 42	23 7	23 17	22 54		n.a.
T 4	11 42	3 56	5 2	10 11	0 47	16 3	1 25	24 34	0 47	15 37	1 48	23 7	0 50	21 15	0 39	16 0	1 31	31 18	16 41	23 8	23 17	22 54		n.a.
W 5	11 20	1n32	5 8	9 28	0 41	15 39	1 25	24 36	0 48	15 40	1 48	23 6	0 50	21 14	0 39	16 0	1 31	31 19	16 41	23 9	23 18	22 54		n.a.
T 6	10 59	6 44	4 57	8 44	0 35	15 14	1 25	24 38	0 49	15 42	1 48	23 5	0 50	21 14	0 39	16 0	1 30	31 19	16 41	23 9	23 18	22 54		n.a.
F 7	10 37	11 28	4 30	8 1	0 28	14 48	1 25	24 39	0 50	15 45	1 47	23 4	0 50	21 13	0 39	16 1	1 30	31 19	16 41	23 10	23 18	22 53		n.a.
S 8	10 15	15 34	3 51	7 18	0 22	14 23	1 26	24 41	0 51	15 47	1 47	23 3	0 50	21 12	0 39	16 1	1 30	31 20	16 41	23 10	23 19	22 53		n.a.
S 9	9 53	18 52	3 2	6 34	0 15	13 56	1 26	24 42	0 52	15 50	1 47	23 3	0 50	21 12	0 39	16 1	1 30	31 20	16 41	23 10	23 19	22 53		n.a.
M10	9 31	21 18	2 6	5 50	0 8	13 30	1 26	24 43	0 53	15 52	1 47	23 2	0 51	21 11	0 39	16 2	1 30	31 20	16 41	23 10	23 19	22 53		n.a.
T 11	9 8	22 45	1 5	5 7	0 2	13 3	1 26	24 44	0 54	15 55	1 47	23 1	0 51	21 10	0 39	16 2	1 30	31 21	16 41	23 10	23 19	22 52		n.a.
W12	8 46	23 10	0 2	4 23	0s 5	12 36	1 25	24 45	0 55	15 57	1 47	23 0	0 51	21 10	0 39	16 2	1 30	31 21	16 41	23 10	23 20	22 52		n.a.
T 13	8 23	22 33	1n 1	3 40	0 12	12 8	1 25	24 45	0 56	16 0	1 47	22 59	0 51	21 9	0 39	16 3	1 30	31 21	16 41	23 10	23 20	22 52		n.a.
F 14	8 0	20 55	2 2	2 56	0 19	11 40	1 25	24 46	0 57	16 2	1 47	22 59	0 51	21 8	0 39	16 3	1 30	31 21	16 40	23 10	23 20	22 51		n.a.
S 15	7 37	18 21	2 57	2 13	0 25	11 12	1 25	24 46	0 58	16 4	1 47	22 58	0 51	21 8	0 39	16 3	1 30	31 22	16 40	23 11	23 21	22 51		n.a.
S 16	7 14	14 57	3 45	1 30	0 32	10 43	1 24	24 47	0 59	16 7	1 47	22 57	0 52	21 7	0 39	16 4	1 30	31 22	16 40	23 11	23 21	22 51		n.a.
M17	6 51	10 52	4 24	0 47	0 39	10 14	1 24	24 47	1 0	16 9	1 47	22 56	0 52	21 6	0 39	16 4	1 30	31 22	16 40	23 12	23 21	22 51		n.a.
T 18	6 27	6 16	4 50	0 4	0 46	9 45	1 23	24 47	1 1	16 11	1 47	22 56	0 52	21 6	0 39	16 5	1 30	31 22	16 40	23 13	23 21	22 50		n.a.
W19	6 4	1 20	5 3	0s39	0 52	9 16	1 23	24 47	1 2	16 13	1 46	22 55	0 52	21 5	0 39	16 5	1 30	31 22	16 40	23 15	23 22	22 50		n.a.
T 20	5 40	3s44	5 0	1 21	0 59	8 46	1 22	24 47	1 3	16 15	1 46	22 54	0 52	21 5	0 39	16 5	1 30	31 23	16 40	23 16	23 22	22 50		n.a.
F 21	5 17	8 43	4 41	2 3	1 6	8 16	1 21	24 46	1 4	16 17	1 46	22 53	0 52	21 4	0 39	16 6	1 30	31 23	16 39	23 16	23 22	22 49		n.a.
S 22	4 53	13 23	4 7	2 45	1 12	7 46	1 21	24 46	1 6	16 19	1 46	22 53	0 52	21 3	0 39	16 6	1 30	31 23	16 39	23 17	23 22	22 49		n.a.
S 23	4 29	17 27	3 19	3 26	1 19	7 16	1 20	24 45	1 7	16 21	1 46	22 52	0 53	21 3	0 39	16 7	1 30	31 23	16 39	23 17	23 23	22 49		n.a.
M24	4 5	20 38	2 19	4 7	1 25	6 45	1 19	24 45	1 8	16 23	1 46	22 51	0 53	21 2	0 40	16 7	1 29	31 23	16 39	23 17	23 23	22 48		n.a.
T 25	3 41	22 40	1 10	4 48	1 31	6 14	1 18	24 44	1 9	16 25	1 46	22 51	0 53	21 2	0 40	16 8	1 29	31 24	16 39	23 17	23 23	22 48		n.a.
W26	3 17	23 17	0s 5	5 28	1 37	5 43	1 17	24 43	1 10	16 27	1 45	22 50	0 53	21 1	0 40	16 8	1 29	31 24	16 39	23 17	23 23	22 48		n.a.
T 27	2 52	22 23	1 20	6 7	1 43	5 12	1 16	24 42	1 11	16 28	1 45	22 49	0 53	21 0	0 40	16 8	1 29	31 24	16 38	23 17	23 24	22 47		n.a.
F 28	2 28	19 59	2 31	6 46	1 49	4 41	1 15	24 41	1 12	16 30	1 45	22 49	0 53	21 0	0 40	16 9	1 29	31 24	16 38	23 18	23 24	22 47		n.a.
S 29	2 4	16 16	3 33	7 24	1 55	4 10	1 14	24 39	1 13	16 32	1 45	22 48	0 54	20 59	0 40	16 9	1 29	31 24	16 38	23 18	23 24	22 46		n.a.
S 30	1n40	11s35	4s20	8s 2	2s 0	3n38	1n12	24n38	1n15	16s33	1s45	22n47	0n54	20n59	0n40	16s10	1n29	31s24	16s38	23n19	23n24	22n46		n.a.

Julian Day Number = 1303089.5, Delta T = 07h48m32s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'06, Lahiri = -19°46'05 Julian Calendar 1 Sept. 1146 BCE == Greg. Calendar 21 Aug. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

OCTOBER 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 54 2	26♍53'47	25♓24	16♎51	24♍59	11♋ 9	20°R23	22♋39	0♌43	18♏27	17°R56	11°R24	10♋27	24♋55	n.a.	M 1
T 2	23 57 58	27°54'14	9♈39	18°12	26°14	11°40	20♒18	22°44	0°45	18°28	17♒55	11♋12	10°24	25° 2	n.a.	T 2
W 3	0 1 55	28°54'43	23°33	19°32	27°30	12°11	20°14	22°48	0°48	18°30	17°54	11° 0	10°20	25° 9	n.a.	W 3
T 4	0 5 51	29°55'13	7♉ 3	20°50	28°45	12°41	20° 9	22°53	0°50	18°31	17°54	10°49	10°17	25°15	n.a.	T 4
F 5	0 9 48	0♎55'46	20° 8	22° 8	0♎ 1	13°11	20° 5	22°57	0°52	18°33	17°53	10°41	10°14	25°22	n.a.	F 5
S 6	0 13 44	1°56'21	2♊49	23°23	1°16	13°42	20° 0	23° 1	0°55	18°35	17°52	10°35	10°11	25°29	n.a.	S 6
S 7	0 17 41	2°56'57	15°10	24°38	2°32	14°12	19°56	23° 5	0°57	18°36	17°51	10°32	10° 8	25°35	n.a.	S 7
M 8	0 21 38	3°57'36	27°14	25°50	3°47	14°42	19°53	23° 9	0°59	18°38	17°50	10°31	10° 4	25°42	n.a.	M 8
T 9	0 25 34	4°58'16	9♋ 7	27° 0	5° 3	15°11	19°49	23°13	1° 1	18°40	17°50	10°31	10° 1	25°48	n.a.	T 9
W10	0 29 31	5°58'59	20°55	28° 8	6°19	15°41	19°46	23°17	1° 3	18°42	17°49	10°31	9°58	25°55	n.a.	W10
T 11	0 33 27	6°59'43	2♌43	29°13	7°34	16°10	19°42	23°21	1° 6	18°43	17°48	10°29	9°55	26° 2	n.a.	T 11
F 12	0 37 24	8° 0'28	14°36	0♏16	8°50	16°40	19°39	23°25	1° 8	18°45	17°47	10°25	9°52	26° 8	n.a.	F 12
S 13	0 41 20	9° 1'16	26°39	1°14	10° 5	17° 9	19°36	23°28	1°10	18°47	17°47	10°19	9°49	26°15	n.a.	S 13
S 14	0 45 17	10° 2'05	8♍56	2° 9	11°21	17°37	19°34	23°32	1°11	18°49	17°46	10° 9	9°45	26°22	n.a.	S 14
M15	0 49 13	11° 2'56	21°27	2°59	12°37	18° 6	19°31	23°35	1°13	18°51	17°45	9°57	9°42	26°28	n.a.	M15
T 16	0 53 10	12° 3'48	4♎16	3°45	13°52	18°34	19°29	23°38	1°15	18°53	17°45	9°44	9°39	26°35	n.a.	T 16
W17	0 57 7	13° 4'41	17°20	4°25	15° 8	19° 3	19°27	23°42	1°17	18°55	17°44	9°30	9°36	26°42	n.a.	W17
T 18	1 1 3	14° 5'36	0♏39	4°58	16°23	19°31	19°25	23°45	1°19	18°57	17°43	9°17	9°33	26°48	n.a.	T 18
F 19	1 5 0	15° 6'32	14°10	5°24	17°39	19°58	19°24	23°48	1°20	18°58	17°43	9° 6	9°29	26°55	n.a.	F 19
S 20	1 8 56	16° 7'30	27°51	5°43	18°54	20°26	19°22	23°51	1°22	19° 0	17°42	8°58	9°26	27° 2	n.a.	S 20
S 21	1 12 53	17° 8'28	11♐39	5°53	20°10	20°53	19°21	23°53	1°24	19° 2	17°42	8°53	9°23	27° 8	n.a.	S 21
M22	1 16 49	18° 9'28	25°33	5°R53	21°26	21°20	19°20	23°56	1°25	19° 4	17°41	8°51	9°20	27°15	n.a.	M22
T 23	1 20 46	19°10'28	9♑32	5°43	22°41	21°47	19°19	23°59	1°27	19° 6	17°41	8°D50	9°17	27°22	n.a.	T 23
W24	1 24 42	20°11'29	23°35	5°23	23°57	22°14	19°19	24° 1	1°28	19° 8	17°40	8°R50	9°14	27°28	n.a.	W24
T 25	1 28 39	21°12'31	7♒42	4°51	25°12	22°40	19°18	24° 4	1°29	19°11	17°40	8°49	9°10	27°35	n.a.	T 25
F 26	1 32 36	22°13'34	21°52	4° 8	26°28	23° 6	19°D18	24° 6	1°31	19°13	17°40	8°47	9° 7	27°42	n.a.	F 26
S 27	1 36 32	23°14'37	6♓ 3	3°15	27°43	23°32	19°18	24° 8	1°32	19°15	17°39	8°41	9° 4	27°48	n.a.	S 27
S 28	1 40 29	24°15'41	20°11	2°12	28°59	23°58	19°19	24°10	1°33	19°17	17°39	8°32	9° 1	27°55	n.a.	S 28
M29	1 44 25	25°16'46	4♈14	1° 0	0♏14	24°23	19°19	24°12	1°34	19°19	17°38	8°21	8°58	28° 2	n.a.	M29
T 30	1 48 22	26°17'52	18° 5	29♎42	1°30	24°48	19°20	24°14	1°35	19°21	17°38	8° 9	8°55	28° 8	n.a.	T 30
W31	1 52 18	27♎18'58	1♉41	28♎20	2♏45	25♋13	19♒21	24♋16	1♌36	19♏23	17♒38	7♋57	8♋51	28♋15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n15	6s16	4s50	8s39	2s 5	3n 7	1n11	24n37	1n16	16s34	1s44	22n47	0n54	20n58	0n40	16s10	1n29	31s24	16s37	23n20	23n25	22n46			n.a.
T 2	0 51	0 43	5 1	9 15	2 10	2 35	1 10	24 35	1 17	16 36	1 44	22 46	0 54	20 58	0 40	16 11	1 29	31 24	16 37	23 21	23 25	22 45			n.a.
W 3	0 26	4n45	4 54	9 50	2 15	2 3	1 8	24 33	1 18	16 37	1 44	22 45	0 54	20 57	0 40	16 11	1 29	31 24	16 37	23 22	23 25	22 45			n.a.
T 4	0 2	9 50	4 31	10 24	2 19	1 31	1 7	24 32	1 19	16 38	1 44	22 45	0 54	20 57	0 40	16 12	1 29	31 24	16 37	23 23	23 25	22 45			n.a.
F 5	0s23	14 19	3 53	10 58	2 23	0 59	1 5	24 30	1 20	16 40	1 44	22 44	0 55	20 56	0 40	16 12	1 29	31 25	16 37	23 24	23 26	22 44			n.a.
S 6	0 47	18 2	3 6	11 30	2 27	0 28	1 4	24 28	1 22	16 41	1 43	22 44	0 55	20 56	0 40	16 13	1 29	31 25	16 36	23 24	23 26	22 44			n.a.
S 7	1 11	20 50	2 10	12 1	2 30	0s 4	1 2	24 26	1 23	16 42	1 43	22 43	0 55	20 55	0 40	16 13	1 29	31 25	16 36	23 24	23 26	22 43			n.a.
M 8	1 36	22 38	1 10	12 31	2 33	0 36	1 1	24 24	1 24	16 43	1 43	22 43	0 55	20 55	0 40	16 14	1 29	31 25	16 36	23 24	23 26	22 43			n.a.
T 9	2 0	23 23	0 7	12 59	2 35	1 8	0 59	24 22	1 25	16 44	1 43	22 42	0 55	20 55	0 40	16 14	1 29	31 25	16 35	23 24	23 27	22 42			n.a.
W10	2 25	23 5	0n55	13 25	2 37	1 40	0 57	24 20	1 27	16 45	1 42	22 42	0 55	20 54	0 40	16 15	1 29	31 25	16 35	23 24	23 27	22 42			n.a.
T 11	2 49	21 44	1 55	13 50	2 38	2 12	0 55	24 17	1 28	16 45	1 42	22 41	0 56	20 54	0 40	16 15	1 29	31 25	16 35	23 25	23 27	22 42			n.a.
F 12	3 14	19 25	2 50	14 13	2 39	2 44	0 54	24 15	1 29	16 46	1 42	22 41	0 56	20 53	0 40	16 16	1 29	31 25	16 35	23 25	23 27	22 41			n.a.
S 13	3 38	16 15	3 38	14 34	2 39	3 16	0 52	24 12	1 30	16 47	1 42	22 40	0 56	20 53	0 40	16 17	1 29	31 25	16 34	23 25	23 28	22 41			n.a.
S 14	4 2	12 19	4 17	14 53	2 38	3 48	0 50	24 10	1 32	16 47	1 41	22 40	0 56	20 52	0 40	16 17	1 29	31 25	16 34	23 26	23 28	22 40			n.a.
M15	4 26	7 47	4 45	15 9	2 36	4 20	0 48	24 7	1 33	16 48	1 41	22 40	0 56	20 52	0 40	16 18	1 29	31 25	16 34	23 27	23 28	22 40			n.a.
T 16	4 51	2 50	4 59	15 22	2 33	4 51	0 46	24 5	1 34	16 48	1 41	22 39	0 57	20 52	0 40	16 18	1 28	31 24	16 34	23 28	23 28	22 39			n.a.
W17	5 15	2s21	4 57	15 32	2 30	5 23	0 44	24 2	1 36	16 49	1 40	22 39	0 57	20 51	0 40	16 19	1 28	31 24	16 33	23 29	23 29	22 39			n.a.
T 18	5 39	7 31	4 40	15 39	2 25	5 54	0 42	23 59	1 37	16 49	1 40	22 38	0 57	20 51	0 40	16 19	1 28	31 24	16 33	23 30	23 29	22 38			n.a.
F 19	6 3	12 26	4 6	15 42	2 18	6 25	0 40	23 56	1 38	16 49	1 40	22 38	0 57	20 51	0 40	16 20	1 28	31 24	16 33	23 31	23 29	22 38			n.a.
S 20	6 27	16 47	3 19	15 42	2 11	6 57	0 38	23 54	1 40	16 50	1 40	22 38	0 57	20 50	0 40	16 20	1 28	31 24	16 32	23 31	23 29	22 37			n.a.
S 21	6 50	20 16	2 19	15 37	2 2	7 28	0 36	23 51	1 41	16 50	1 39	22 37	0 58	20 50	0 41	16 21	1 28	31 24	16 32	23 32	23 30	22 37			n.a.
M22	7 14	22 36	1 10	15 27	1 52	7 58	0 33	23 48	1 43	16 50	1 39	22 37	0 58	20 50	0 41	16 22	1 28	31 24	16 32	23 32	23 30	22 36			n.a.
T 23	7 38	23 33	0s 4	15 12	1 39	8 29	0 31	23 45	1 44	16 50	1 39	22 37	0 58	20 49	0 41	16 22	1 28	31 24	16 31	23 32	23 30	22 36			n.a.
W24	8 1	23 0	1 17	14 52	1 26	8 59	0 29	23 42	1 46	16 50	1 39	22 37	0 58	20 49	0 41	16 23	1 28	31 24	16 31	23 32	23 30	22 35			n.a.
T 25	8 24	21 0	2 27	14 27	1 10	9 30	0 27	23 39	1 47	16 50	1 38	22 36	0 58	20 49	0 41	16 23	1 28	31 23	16 31	23 32	23 30	22 35			n.a.
F 26	8 47	17 42	3 27	13 56	0 53	10 0	0 25	23 36	1 48	16 49	1 38	22 36	0 58	20 49	0 41	16 24	1 28	31 23	16 30	23 32	23 31	22 34			n.a.
S 27	9 11	13 22	4 15	13 21	0 35	10 29	0 22	23 33	1 50	16 49	1 38	22 36	0 59	20 48	0 41	16 25	1 28	31 23	16 30	23 32	23 31	22 34			n.a.
S 28	9 33	8 19	4 46	12 41	0 16	10 59	0 20	23 30	1 51	16 49	1 37	22 36	0 59	20 48	0 41	16 25	1 28	31 23	16 30	23 33	23 31	22 33			n.a.
M29	9 56	2 53	5 1	11 56	0n 4	11 28	0 18	23 27	1 53	16 48	1 37	22 36	0 59	20 48	0 41	16 26	1 28	31 23	16 29	23 34	23 31	22 33			n.a.
T 30	10 19	2n38	4 57	11 10	0 25	11 57	0 15	23 23	1 54	16 48	1 37	22 35	0 59	20 48	0 41	16 26	1 28	31 23	16 29	23 35	23 32	22 32			n.a.
W31	10s41	7n56	4s36	10s21	0n46	12s26	0n13	23n20	1n56	16s47	1s37	22n35	0n59	20n48	0n41	16s27	1n28	31s22	16s29	23n35	23n32	22n32			n.a.

Julian Day Number = 1303119.5, Delta T = 07h48m30s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°53'02, Lahiri = -19°46'01 Julian Calendar 1 Oct. 1146 BCE == Greg. Calendar 20 Sept. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

NOVEMBER 1146 BCE (-1145) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 15	28♎20'06	14♉59	26°R58	4♏ 1	25♋38	19♒22	24♋17	1♌37	19♏25	17°R37	7°R46	8♋48	28♋21	n.a.	T 1
F 2	2 0 11	29°21'14	27°57	25♎36	5°16	26° 2	19°23	24°19	1°38	19°27	17♒37	7♋38	8°45	28°28	n.a.	F 2
S 3	2 4 8	0♏22'24	10♊34	24°19	6°32	26°26	19°24	24°20	1°39	19°30	17°37	7°31	8°42	28°35	n.a.	S 3
S 4	2 8 5	1°23'34	22°54	23° 9	7°47	26°50	19°26	24°22	1°40	19°32	17°37	7°28	8°39	28°41	n.a.	S 4
M 5	2 12 1	2°24'45	4♋59	22° 8	9° 3	27°13	19°28	24°23	1°41	19°34	17°37	7°D27	8°35	28°48	n.a.	M 5
T 6	2 15 58	3°25'58	16°53	21°16	10°18	27°36	19°30	24°24	1°41	19°36	17°36	7°27	8°32	28°55	n.a.	T 6
W 7	2 19 54	4°27'11	28°41	20°35	11°34	27°59	19°32	24°25	1°42	19°38	17°36	7°28	8°29	29° 1	n.a.	W 7
T 8	2 23 51	5°28'25	10♌30	20° 6	12°49	28°22	19°35	24°26	1°43	19°41	17°36	7°R28	8°26	29° 8	n.a.	T 8
F 9	2 27 47	6°29'39	22°24	19°47	14° 5	28°44	19°38	24°27	1°43	19°43	17°36	7°26	8°23	29°15	n.a.	F 9
S 10	2 31 44	7°30'55	4♍29	19°D40	15°20	29° 6	19°41	24°27	1°44	19°45	17°36	7°23	8°20	29°21	n.a.	S 10
S 11	2 35 41	8°32'11	16°49	19°42	16°36	29°27	19°44	24°28	1°44	19°47	17°36	7°16	8°16	29°28	n.a.	S 11
M12	2 39 37	9°33'28	29°27	19°54	17°51	29°48	19°47	24°28	1°44	19°49	17°36	7° 8	8°13	29°35	n.a.	M12
T 13	2 43 34	10°34'45	12♎27	20°14	19° 6	0♌ 9	19°51	24°29	1°45	19°52	17°D36	6°58	8°10	29°41	n.a.	T 13
W14	2 47 30	11°36'03	25°47	20°42	20°22	0°29	19°54	24°29	1°45	19°54	17°36	6°48	8° 7	29°48	n.a.	W14
T 15	2 51 27	12°37'21	9♏27	21°17	21°37	0°49	19°58	24°R29	1°45	19°56	17°36	6°38	8° 4	29°55	n.a.	T 15
F 16	2 55 23	13°38'40	23°23	21°58	22°53	1° 9	20° 2	24°29	1°45	19°58	17°36	6°30	8° 1	0♌ 1	n.a.	F 16
S 17	2 59 20	14°39'59	7♐31	22°45	24° 8	1°28	20° 7	24°29	1°45	20° 1	17°36	6°24	7°57	0° 8	n.a.	S 17
S 18	3 3 16	15°41'18	21°46	23°37	25°23	1°47	20°11	24°29	1°R45	20° 3	17°36	6°21	7°54	0°15	n.a.	S 18
M19	3 7 13	16°42'37	6♑ 4	24°33	26°39	2° 5	20°16	24°28	1°45	20° 5	17°36	6°D20	7°51	0°21	n.a.	M19
T 20	3 11 10	17°43'55	20°21	25°33	27°54	2°23	20°20	24°28	1°45	20° 8	17°37	6°20	7°48	0°28	n.a.	T 20
W21	3 15 6	18°45'14	4♒33	26°36	29° 9	2°41	20°26	24°27	1°45	20°10	17°37	6°22	7°45	0°35	n.a.	W21
T 22	3 19 3	19°46'32	18°41	27°42	0♐25	2°58	20°31	24°27	1°45	20°12	17°37	6°R22	7°41	0°41	n.a.	T 22
F 23	3 22 59	20°47'50	2♓42	28°51	1°40	3°14	20°36	24°26	1°44	20°14	17°37	6°22	7°38	0°48	n.a.	F 23
S 24	3 26 56	21°49'07	16°35	0♏ 3	2°55	3°31	20°42	24°25	1°44	20°17	17°38	6°19	7°35	0°55	n.a.	S 24
S 25	3 30 52	22°50'24	0♈20	1°16	4°11	3°46	20°47	24°24	1°44	20°19	17°38	6°14	7°32	1° 1	n.a.	S 25
M26	3 34 49	23°51'41	13°55	2°31	5°26	4° 2	20°53	24°23	1°43	20°21	17°38	6° 8	7°29	1° 8	n.a.	M26
T 27	3 38 45	24°52'57	27°18	3°48	6°41	4°16	20°59	24°22	1°43	20°23	17°38	6° 1	7°26	1°15	n.a.	T 27
W28	3 42 42	25°54'13	10♉29	5° 7	7°56	4°31	21° 6	24°20	1°42	20°26	17°39	5°53	7°22	1°21	n.a.	W28
T 29	3 46 39	26°55'29	23°26	6°26	9°12	4°45	21°12	24°19	1°42	20°28	17°39	5°47	7°19	1°28	n.a.	T 29
F 30	3 50 35	27♏56'44	6♊ 8	7♏47	10♐27	4♌58	21♒19	24♋17	1♌41	20♏30	17♒40	5♋41	7♋16	1♌35	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 3	12n45	4s 1	9s32	1n 6	12s54	0n11	23n17	1n58	16s47	1s36	22n35	1n 0	20n47	0n41	16s28	1n28	31s22	16s28	23n36	23n32	22n31		n.a.
F 2	11 25	16 53	3 14	8 45	1 24	13 22	0 8	23 14	1 59	16 46	1 36	22 35	1 0	20 47	0 41	16 28	1 28	31 22	16 28	23 36	23 32	22 30		n.a.
S 3	11 47	20 7	2 18	8 0	1 42	13 49	0 6	23 11	2 1	16 45	1 36	22 35	1 0	20 47	0 41	16 29	1 28	31 22	16 28	23 37	23 32	22 30		n.a.
S 4	12 9	22 21	1 17	7 20	1 57	14 17	0 3	23 8	2 2	16 44	1 35	22 35	1 0	20 47	0 41	16 29	1 28	31 21	16 27	23 37	23 33	22 29		n.a.
M 5	12 30	23 31	0 13	6 44	2 11	14 44	0 1	23 5	2 4	16 43	1 35	22 35	1 0	20 47	0 41	16 30	1 28	31 21	16 27	23 37	23 33	22 29		n.a.
T 6	12 52	23 35	0n50	6 14	2 22	15 10	0s 1	23 2	2 6	16 42	1 35	22 35	1 1	20 47	0 41	16 31	1 28	31 21	16 27	23 37	23 33	22 28		n.a.
W 7	13 13	22 34	1 51	5 51	2 31	15 36	0 4	22 59	2 7	16 41	1 34	22 35	1 1	20 47	0 41	16 31	1 28	31 21	16 26	23 37	23 33	22 27		n.a.
T 8	13 34	20 34	2 47	5 33	2 38	16 2	0 6	22 56	2 9	16 40	1 34	22 35	1 1	20 46	0 41	16 32	1 28	31 20	16 26	23 37	23 33	22 27		n.a.
F 9	13 54	17 40	3 36	5 21	2 43	16 27	0 8	22 53	2 11	16 39	1 34	22 35	1 1	20 46	0 41	16 33	1 28	31 20	16 26	23 37	23 34	22 26		n.a.
S 10	14 15	14 0	4 17	5 15	2 46	16 52	0 11	22 50	2 12	16 38	1 34	22 35	1 1	20 46	0 41	16 33	1 28	31 20	16 25	23 37	23 34	22 26		n.a.
S 11	14 35	9 40	4 46	5 14	2 48	17 17	0 13	22 47	2 14	16 37	1 33	22 35	1 2	20 46	0 41	16 34	1 28	31 19	16 25	23 38	23 34	22 25		n.a.
M12	14 55	4 50	5 2	5 19	2 48	17 41	0 16	22 44	2 16	16 35	1 33	22 35	1 2	20 46	0 41	16 34	1 28	31 19	16 25	23 38	23 34	22 24		n.a.
T 13	15 14	0s21	5 4	5 27	2 47	18 4	0 18	22 41	2 18	16 34	1 33	22 36	1 2	20 46	0 42	16 35	1 28	31 19	16 24	23 39	23 34	22 24		n.a.
W14	15 34	5 39	4 49	5 40	2 45	18 27	0 20	22 38	2 19	16 33	1 32	22 36	1 2	20 46	0 42	16 36	1 28	31 18	16 24	23 39	23 35	22 23		n.a.
T 15	15 53	10 49	4 17	5 56	2 42	18 50	0 23	22 36	2 21	16 31	1 32	22 36	1 2	20 46	0 42	16 36	1 28	31 18	16 24	23 40	23 35	22 22		n.a.
F 16	16 12	15 32	3 30	6 15	2 38	19 12	0 25	22 33	2 23	16 29	1 32	22 36	1 3	20 46	0 42	16 37	1 28	31 18	16 23	23 40	23 35	22 22		n.a.
S 17	16 30	19 29	2 29	6 37	2 33	19 33	0 27	22 31	2 25	16 28	1 32	22 36	1 3	20 46	0 42	16 38	1 28	31 17	16 23	23 40	23 35	22 21		n.a.
S 18	16 48	22 17	1 18	7 2	2 28	19 54	0 30	22 28	2 27	16 26	1 31	22 37	1 3	20 46	0 42	16 38	1 28	31 17	16 22	23 41	23 35	22 21		n.a.
M19	17 6	23 40	0 1	7 28	2 22	20 14	0 32	22 26	2 29	16 24	1 31	22 37	1 3	20 46	0 42	16 39	1 28	31 17	16 22	23 41	23 36	22 20		n.a.
T 20	17 24	23 30	1s15	7 56	2 16	20 34	0 34	22 23	2 30	16 22	1 31	22 37	1 3	20 46	0 42	16 39	1 28	31 16	16 22	23 41	23 36	22 19		n.a.
W21	17 41	21 48	2 26	8 25	2 10	20 53	0 36	22 21	2 32	16 21	1 30	22 37	1 4	20 46	0 42	16 40	1 28	31 16	16 21	23 41	23 36	22 18		n.a.
T 22	17 58	18 46	3 29	8 55	2 3	21 12	0 39	22 19	2 34	16 19	1 30	22 38	1 4	20 47	0 42	16 41	1 28	31 15	16 21	23 40	23 36	22 18		n.a.
F 23	18 15	14 40	4 18	9 27	1 56	21 30	0 41	22 17	2 36	16 17	1 30	22 38	1 4	20 47	0 42	16 41	1 28	31 15	16 21	23 41	23 36	22 17		n.a.
S 24	18 31	9 50	4 51	9 59	1 48	21 47	0 43	22 15	2 38	16 14	1 30	22 38	1 4	20 47	0 42	16 42	1 28	31 15	16 20	23 41	23 37	22 16		n.a.
S 25	18 47	4 33	5 7	10 32	1 41	22 4	0 45	22 13	2 40	16 12	1 29	22 39	1 4	20 47	0 42	16 43	1 28	31 14	16 20	23 41	23 37	22 16		n.a.
M26	19 3	0n53	5 6	11 5	1 33	22 20	0 47	22 11	2 42	16 10	1 29	22 39	1 5	20 47	0 42	16 43	1 28	31 14	16 20	23 41	23 37	22 15		n.a.
T 27	19 18	6 12	4 48	11 39	1 26	22 36	0 49	22 10	2 44	16 8	1 29	22 40	1 5	20 47	0 42	16 44	1 28	31 13	16 19	23 42	23 37	22 14		n.a.
W28	19 33	11 10	4 15	12 13	1 18	22 50	0 52	22 8	2 46	16 6	1 29	22 40	1 5	20 47	0 42	16 44	1 28	31 13	16 19	23 42	23 37	22 14		n.a.
T 29	19 47	15 34	3 29	12 47	1 10	23 4	0 54	22 7	2 48	16 3	1 28	22 40	1 5	20 48	0 42	16 45	1 28	31 12	16 19	23 42	23 37	22 13		n.a.
F 30	20s 2	19n10	2s34	13s21	1n 2	23s18	0s56	22n 5	2n51	16s 1	1s28	22n41	1n 5	20n48	0n42	16s46	1n28	31s12	16s18	23n42	23n38	22n12		n.a.

Julian Day Number = 1303150.5, Delta T = 07h48m28s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'58, Lahiri = -19°45'57 Julian Calendar 1 Nov. 1146 BCE == Greg. Calendar 21 Oct. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1146 BCE
geocentric

DECEMBER 1146 BCE (-1145) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 32	28♏57'59	18♊34	9♏ 9	11♐42	5♌11	21♒25	24°R16	1°R40	20♏32	17♒40	5°R38	7♋13	1♌41	n.a.	S 1
S 2	3 58 28	29°59'14	0♋48	10°32	12°57	5°23	21°32	24♋14	1♌40	20°35	17°41	5°D36	7°10	1°48	n.a.	S 2
M 3	4 2 25	1♐ 0'29	12°50	11°56	14°12	5°34	21°40	24°12	1°39	20°37	17°41	5♋37	7° 7	1°55	n.a.	M 3
T 4	4 6 21	2° 1'43	24°43	13°21	15°28	5°46	21°47	24°10	1°38	20°39	17°41	5°38	7° 3	2° 1	n.a.	T 4
W 5	4 10 18	3° 2'57	6♌31	14°46	16°43	5°56	21°54	24° 8	1°37	20°41	17°42	5°40	7° 0	2° 8	n.a.	W 5
T 6	4 14 15	4° 4'11	18°20	16°13	17°58	6° 6	22° 2	24° 6	1°36	20°44	17°43	5°42	6°57	2°14	n.a.	T 6
F 7	4 18 11	5° 5'24	0♍14	17°40	19°13	6°15	22° 9	24° 4	1°35	20°46	17°43	5°R43	6°54	2°21	n.a.	F 7
S 8	4 22 8	6° 6'37	12°17	19° 7	20°28	6°24	22°17	24° 1	1°34	20°48	17°44	5°43	6°51	2°28	n.a.	S 8
S 9	4 26 4	7° 7'49	24°35	20°36	21°43	6°32	22°25	23°59	1°33	20°50	17°44	5°41	6°47	2°34	n.a.	S 9
M10	4 30 1	8° 9'01	7♎13	22° 5	22°58	6°40	22°33	23°56	1°32	20°53	17°45	5°38	6°44	2°41	n.a.	M10
T 11	4 33 57	9°10'13	20°13	23°34	24°13	6°46	22°42	23°54	1°30	20°55	17°46	5°35	6°41	2°48	n.a.	T 11
W12	4 37 54	10°11'24	3♏38	25° 4	25°28	6°53	22°50	23°51	1°29	20°57	17°46	5°31	6°38	2°54	n.a.	W12
T 13	4 41 50	11°12'34	17°28	26°35	26°43	6°58	22°59	23°48	1°28	20°59	17°47	5°27	6°35	3° 1	n.a.	T 13
F 14	4 45 47	12°13'44	1♐40	28° 7	27°58	7° 3	23° 8	23°45	1°26	21° 1	17°48	5°24	6°32	3° 8	n.a.	F 14
S 15	4 49 44	13°14'53	16°10	29°39	29°13	7° 7	23°16	23°42	1°25	21° 3	17°48	5°21	6°28	3°14	n.a.	S 15
S 16	4 53 40	14°16'01	0♑51	1♐11	0♑28	7°11	23°25	23°39	1°23	21° 5	17°49	5°D20	6°25	3°21	n.a.	S 16
M17	4 57 37	15°17'08	15°37	2°44	1°43	7°13	23°35	23°36	1°22	21° 8	17°50	5°21	6°22	3°28	n.a.	M17
T 18	5 1 33	16°18'14	0♒21	4°18	2°58	7°15	23°44	23°33	1°20	21°10	17°51	5°22	6°19	3°34	n.a.	T 18
W19	5 5 30	17°19'18	14°56	5°52	4°13	7°17	23°53	23°30	1°19	21°12	17°52	5°23	6°16	3°41	n.a.	W19
T 20	5 9 26	18°20'22	29°19	7°27	5°28	7°R17	24° 3	23°26	1°17	21°14	17°53	5°24	6°13	3°48	n.a.	T 20
F 21	5 13 23	19°21'23	13♓26	9° 3	6°43	7°17	24°12	23°23	1°15	21°16	17°53	5°R25	6° 9	3°54	n.a.	F 21
S 22	5 17 20	20°22'23	27°16	10°39	7°58	7°16	24°22	23°19	1°14	21°18	17°54	5°25	6° 6	4° 1	n.a.	S 22
S 23	5 21 16	21°23'22	10♈49	12°16	9°13	7°14	24°32	23°15	1°12	21°20	17°55	5°24	6° 3	4° 8	n.a.	S 23
M24	5 25 13	22°24'19	24° 6	13°53	10°28	7°12	24°42	23°12	1°10	21°22	17°56	5°23	6° 0	4°14	n.a.	M24
T 25	5 29 9	23°25'15	7♉ 7	15°32	11°43	7° 9	24°52	23° 8	1° 8	21°24	17°57	5°21	5°57	4°21	n.a.	T 25
W26	5 33 6	24°26'09	19°55	17°11	12°57	7° 5	25° 3	23° 4	1° 6	21°26	17°58	5°19	5°53	4°28	n.a.	W26
T 27	5 37 2	25°27'02	2♊29	18°50	14°12	7° 0	25°13	23° 0	1° 4	21°28	17°59	5°18	5°50	4°34	n.a.	T 27
F 28	5 40 59	26°27'54	14°52	20°31	15°27	6°54	25°23	22°56	1° 2	21°30	18° 0	5°17	5°47	4°41	n.a.	F 28
S 29	5 44 55	27°28'44	27° 5	22°12	16°42	6°48	25°34	22°52	1° 0	21°32	18° 1	5°16	5°44	4°48	n.a.	S 29
S 30	5 48 52	28°29'32	9♋ 8	23°54	17°56	6°41	25°45	22°48	0°58	21°34	18° 2	5°D16	5°41	4°54	n.a.	S 30
M31	5 52 49	29♐30'20	21♋ 4	25♐36	19♑11	6♌33	25♒56	22♋44	0♌56	21♏36	18♒ 3	5♋17	5♋38	5♌ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s15	21n49	1s32	13s55	0n55	23s30	0s57	22n 4	2n53	15s58	1s28	22n41	1n 6	20n48	0n42	16s46	1n28	31s11	16s18	23n43	23n38	22n11		n.a.
S 2	20 29	23 23	0 26	14 29	0 47	23 42	0 59	22 3	2 55	15 56	1 27	22 42	1 6	20 48	0 42	16 47	1 28	31 11	16 18	23 43	23 38	22 11		n.a.
M 3	20 42	23 51	0n39	15 3	0 39	23 54	1 1	22 2	2 57	15 53	1 27	22 42	1 6	20 48	0 42	16 47	1 28	31 10	16 17	23 43	23 38	22 10		n.a.
T 4	20 54	23 13	1 43	15 36	0 32	24 4	1 3	22 2	2 59	15 51	1 27	22 43	1 6	20 49	0 42	16 48	1 28	31 10	16 17	23 43	23 38	22 9		n.a.
W 5	21 7	21 33	2 41	16 9	0 24	24 14	1 5	22 1	3 1	15 48	1 27	22 44	1 6	20 49	0 42	16 49	1 28	31 9	16 17	23 42	23 39	22 8		n.a.
T 6	21 18	18 57	3 33	16 42	0 16	24 23	1 7	22 1	3 4	15 45	1 26	22 44	1 7	20 49	0 43	16 49	1 28	31 9	16 16	23 42	23 39	22 8		n.a.
F 7	21 30	15 33	4 16	17 14	0 9	24 31	1 8	22 1	3 6	15 42	1 26	22 45	1 7	20 49	0 43	16 50	1 28	31 8	16 16	23 42	23 39	22 7		n.a.
S 8	21 41	11 29	4 48	17 46	0 2	24 39	1 10	22 0	3 8	15 40	1 26	22 45	1 7	20 50	0 43	16 50	1 28	31 8	16 16	23 42	23 39	22 6		n.a.
S 9	21 51	6 53	5 8	18 17	0s 6	24 46	1 12	22 1	3 10	15 37	1 26	22 46	1 7	20 50	0 43	16 51	1 28	31 7	16 15	23 42	23 39	22 5		n.a.
M10	22 1	1 53	5 14	18 47	0 13	24 52	1 13	22 1	3 13	15 34	1 25	22 47	1 7	20 50	0 43	16 52	1 28	31 7	16 15	23 42	23 39	22 4		n.a.
T 11	22 11	3s21	5 4	19 17	0 20	24 57	1 15	22 1	3 15	15 31	1 25	22 47	1 8	20 51	0 43	16 52	1 28	31 6	16 15	23 43	23 40	22 4		n.a.
W12	22 20	8 36	4 37	19 46	0 26	25 1	1 16	22 2	3 17	15 28	1 25	22 48	1 8	20 51	0 43	16 53	1 28	31 6	16 14	23 43	23 40	22 3		n.a.
T 13	22 29	13 35	3 54	20 15	0 33	25 5	1 18	22 3	3 20	15 25	1 25	22 49	1 8	20 51	0 43	16 53	1 28	31 5	16 14	23 43	23 40	22 2		n.a.
F 14	22 38	17 58	2 55	20 42	0 40	25 8	1 19	22 4	3 22	15 21	1 24	22 49	1 8	20 52	0 43	16 54	1 28	31 5	16 14	23 43	23 40	22 1		n.a.
S 15	22 46	21 23	1 44	21 9	0 46	25 10	1 20	22 5	3 24	15 18	1 24	22 50	1 8	20 52	0 43	16 54	1 28	31 4	16 13	23 43	23 40	22 0		n.a.
S 16	22 53	23 25	0 25	21 35	0 52	25 11	1 22	22 6	3 27	15 15	1 24	22 51	1 9	20 52	0 43	16 55	1 28	31 4	16 13	23 43	23 40	22 0		n.a.
M17	23 0	23 50	0s57	22 0	0 58	25 12	1 23	22 8	3 29	15 12	1 24	22 51	1 9	20 53	0 43	16 56	1 28	31 3	16 13	23 43	23 40	21 59		n.a.
T 18	23 7	22 35	2 14	22 24	1 4	25 12	1 24	22 10	3 31	15 8	1 24	22 52	1 9	20 53	0 43	16 56	1 28	31 3	16 12	23 43	23 41	21 58		n.a.
W19	23 13	19 50	3 22	22 46	1 9	25 11	1 25	22 11	3 34	15 5	1 23	22 53	1 9	20 54	0 43	16 57	1 28	31 2	16 12	23 43	23 41	21 57		n.a.
T 20	23 19	15 53	4 16	23 8	1 15	25 9	1 26	22 14	3 36	15 2	1 23	22 54	1 9	20 54	0 43	16 57	1 28	31 1	16 12	23 43	23 41	21 56		n.a.
F 21	23 24	11 7	4 54	23 29	1 20	25 6	1 27	22 16	3 38	14 58	1 23	22 55	1 9	20 54	0 43	16 58	1 28	31 1	16 11	23 43	23 41	21 55		n.a.
S 22	23 28	5 53	5 13	23 48	1 24	25 3	1 28	22 19	3 41	14 55	1 23	22 55	1 10	20 55	0 43	16 58	1 28	31 0	16 11	23 43	23 41	21 54		n.a.
S 23	23 33	0 28	5 15	24 6	1 29	24 59	1 29	22 21	3 43	14 51	1 22	22 56	1 10	20 55	0 43	16 59	1 28	31 0	16 11	23 43	23 41	21 54		n.a.
M24	23 37	4n51	5 0	24 23	1 33	24 54	1 29	22 24	3 46	14 47	1 22	22 57	1 10	20 56	0 43	16 59	1 28	30 59	16 11	23 43	23 42	21 53		n.a.
T 25	23 40	9 52	4 29	24 39	1 37	24 48	1 30	22 27	3 48	14 44	1 22	22 58	1 10	20 56	0 43	17 0	1 28	30 59	16 10	23 43	23 42	21 52		n.a.
W26	23 43	14 23	3 46	24 53	1 41	24 42	1 31	22 31	3 50	14 40	1 22	22 59	1 10	20 57	0 43	17 0	1 28	30 58	16 10	23 43	23 42	21 51		n.a.
T 27	23 45	18 11	2 52	25 6	1 45	24 34	1 31	22 34	3 53	14 36	1 22	22 59	1 10	20 57	0 43	17 1	1 28	30 57	16 10	23 43	23 42	21 50		n.a.
F 28	23 47	21 7	1 51	25 17	1 48	24 26	1 32	22 38	3 55	14 33	1 21	23 0	1 11	20 57	0 43	17 1	1 28	30 57	16 9	23 43	23 42	21 49		n.a.
S 29	23 48	23 2	0 45	25 26	1 51	24 18	1 32	22 42	3 57	14 29	1 21	23 1	1 11	20 58	0 43	17 2	1 28	30 56	16 9	23 43	23 42	21 48		n.a.
S 30	23 49	23 52	0n21	25 34	1 53	24 8	1 33	22 46	4 0	14 25	1 21	23 2	1 11	20 58	0 43	17 2	1 28	30 56	16 9	23 43	23 42	21 47		n.a.
M31	23s50	23n35	1n27	25s41	1s55	23s58	1s33	22n50	4n 2	14s21	1s21	23n 3	1n11	20n59	0n43	17s 3	1n28	30s55	16s 9	23n43	23n43	21n46		n.a.

Julian Day Number = 1303180.5, Delta T = 07h48m27s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'54, Lahiri = -19°45'53 Julian Calendar 1 Dec. 1146 BCE == Greg. Calendar 20 Nov. 1146 BCE

The year -1145 astronomical counting style corresponds to year 1146 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

JANUARY 1145 BCE (-1144) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 45	0♉31'06	2♌55	27♐20	20♉26	6°R24	26♒ 7	22°R40	0°R54	21♏38	18♒ 4	5♋17	5♋34	5♌ 8	n.a.	T 1
W 2	6 0 42	1°31'50	14°44	29° 4	21°40	6♌15	26°18	22♋35	0♌52	21°39	18° 5	5°18	5°31	5°14	n.a.	W 2
T 3	6 4 38	2°32'33	26°33	0♉49	22°55	6° 4	26°29	22°31	0°50	21°41	18° 6	5°18	5°28	5°21	n.a.	T 3
F 4	6 8 35	3°33'15	8♍27	2°35	24° 9	5°53	26°40	22°27	0°48	21°43	18° 8	5°18	5°25	5°28	n.a.	F 4
S 5	6 12 31	4°33'55	20°30	4°21	25°24	5°41	26°51	22°22	0°45	21°45	18° 9	5°18	5°22	5°34	n.a.	S 5
S 6	6 16 28	5°34'34	2♎45	6° 9	26°38	5°29	27° 3	22°18	0°43	21°47	18°10	5°18	5°18	5°41	n.a.	S 6
M 7	6 20 24	6°35'12	15°18	7°57	27°53	5°16	27°14	22°13	0°41	21°48	18°11	5°18	5°15	5°48	n.a.	M 7
T 8	6 24 21	7°35'48	28°12	9°46	29° 7	5° 1	27°26	22° 9	0°38	21°50	18°12	5°19	5°12	5°54	n.a.	T 8
W 9	6 28 18	8°36'23	11♏32	11°36	0♒22	4°47	27°37	22° 4	0°36	21°52	18°13	5°19	5° 9	6° 1	n.a.	W 9
T 10	6 32 14	9°36'57	25°18	13°26	1°36	4°31	27°49	22° 0	0°34	21°54	18°15	5°19	5° 6	6° 8	n.a.	T 10
F 11	6 36 11	10°37'29	9♐30	15°17	2°50	4°15	28° 1	21°55	0°31	21°55	18°16	5°20	5° 3	6°14	n.a.	F 11
S 12	6 40 7	11°37'59	24° 7	17° 8	4° 5	3°58	28°13	21°50	0°29	21°57	18°17	5°20	4°59	6°21	n.a.	S 12
S 13	6 44 4	12°38'28	9♑ 2	19° 0	5°19	3°40	28°25	21°46	0°26	21°59	18°18	5°R20	4°56	6°28	n.a.	S 13
M14	6 48 0	13°38'55	24° 7	20°52	6°33	3°22	28°37	21°41	0°24	22° 0	18°20	5°20	4°53	6°34	n.a.	M14
T 15	6 51 57	14°39'21	9♒15	22°45	7°48	3° 3	28°49	21°36	0°21	22° 2	18°21	5°19	4°50	6°41	n.a.	T 15
W16	6 55 54	15°39'44	24°15	24°37	9° 2	2°44	29° 2	21°31	0°19	22° 3	18°22	5°18	4°47	6°48	n.a.	W16
T 17	6 59 50	16°40'05	8♓59	26°29	10°16	2°24	29°14	21°27	0°16	22° 5	18°23	5°17	4°44	6°54	n.a.	T 17
F 18	7 3 47	17°40'24	23°22	28°21	11°30	2° 3	29°27	21°22	0°14	22° 6	18°25	5°15	4°40	7° 1	n.a.	F 18
S 19	7 7 43	18°40'40	7♈22	0♒12	12°44	1°42	29°39	21°17	0°11	22° 8	18°26	5°14	4°37	7° 8	n.a.	S 19
S 20	7 11 40	19°40'55	20°56	2° 2	13°58	1°21	29°52	21°12	0° 9	22° 9	18°27	5°D14	4°34	7°14	n.a.	S 20
M21	7 15 36	20°41'07	4♉ 8	3°51	15°12	0°59	0♓ 4	21° 7	0° 6	22°11	18°29	5°15	4°31	7°21	n.a.	M21
T 22	7 19 33	21°41'17	16°58	5°37	16°26	0°37	0°17	21° 3	0° 4	22°12	18°30	5°16	4°28	7°28	n.a.	T 22
W23	7 23 29	22°41'24	29°31	7°22	17°40	0°14	0°30	20°58	0° 1	22°13	18°32	5°17	4°24	7°34	n.a.	W23
T 24	7 27 26	23°41'30	11♊50	9° 4	18°54	29♋52	0°43	20°53	29♋58	22°15	18°33	5°18	4°21	7°41	n.a.	T 24
F 25	7 31 22	24°41'33	23°58	10°42	20° 8	29°29	0°56	20°48	29°56	22°16	18°34	5°20	4°18	7°48	n.a.	F 25
S 26	7 35 19	25°41'34	5♋58	12°17	21°22	29° 5	1° 8	20°43	29°53	22°17	18°36	5°R20	4°15	7°54	n.a.	S 26
S 27	7 39 16	26°41'33	17°52	13°47	22°36	28°42	1°22	20°39	29°51	22°18	18°37	5°19	4°12	8° 1	n.a.	S 27
M28	7 43 12	27°41'30	29°43	15°12	23°49	28°19	1°35	20°34	29°48	22°20	18°38	5°18	4° 9	8° 8	n.a.	M28
T 29	7 47 9	28°41'25	11♌32	16°32	25° 3	27°55	1°48	20°29	29°45	22°21	18°40	5°15	4° 5	8°14	n.a.	T 29
W30	7 51 5	29°41'18	23°22	17°46	26°17	27°31	2° 1	20°25	29°43	22°22	18°41	5°11	4° 2	8°21	n.a.	W30
T 31	7 55 2	0♒41'09	5♍15	18♒53	27♒30	27♋ 8	2♓14	20♋20	29♋40	22♏23	18♒43	5♋ 6	3♋59	8♌28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s50	22n13	2n28	25 s45	1 s57	23 s47	1 s33	22n55	4n 4	14 s17	1 s21	23n 4	1n11	20n59	0n43	17 s 3	1n28	30 s54	16 s 8	23n43	23n43	21n46			n.a.
W 2	23 49	19 54	3 22	25 48	1 58	23 35	1 33	22 59	4 6	14 13	1 21	23 5	1 11	21 0	0 43	17 4	1 28	30 54	16 8	23 43	23 43	21 45			n.a.
T 3	23 48	16 45	4 8	25 49	1 59	23 23	1 34	23 4	4 9	14 9	1 20	23 5	1 11	21 0	0 43	17 4	1 28	30 53	16 8	23 43	23 43	21 44			n.a.
F 4	23 47	12 54	4 44	25 48	2 0	23 10	1 34	23 9	4 11	14 5	1 20	23 6	1 12	21 1	0 44	17 5	1 28	30 53	16 8	23 43	23 43	21 43			n.a.
S 5	23 45	8 31	5 7	25 45	2 0	22 56	1 34	23 14	4 13	14 1	1 20	23 7	1 12	21 1	0 44	17 5	1 28	30 52	16 7	23 43	23 43	21 42			n.a.
S 6	23 43	3 44	5 18	25 41	2 0	22 42	1 33	23 19	4 15	13 57	1 20	23 8	1 12	21 2	0 44	17 5	1 28	30 51	16 7	23 43	23 43	21 41			n.a.
M 7	23 40	1 s19	5 13	25 34	1 59	22 27	1 33	23 25	4 17	13 52	1 20	23 9	1 12	21 3	0 44	17 6	1 28	30 51	16 7	23 43	23 43	21 40			n.a.
T 8	23 37	6 27	4 53	25 25	1 57	22 11	1 33	23 30	4 19	13 48	1 19	23 10	1 12	21 3	0 44	17 6	1 28	30 50	16 7	23 43	23 44	21 39			n.a.
W 9	23 33	11 28	4 17	25 14	1 55	21 55	1 33	23 36	4 21	13 44	1 19	23 11	1 12	21 4	0 44	17 7	1 28	30 50	16 7	23 43	23 44	21 38			n.a.
T 10	23 29	16 5	3 25	25 1	1 53	21 38	1 32	23 41	4 23	13 40	1 19	23 12	1 12	21 4	0 44	17 7	1 28	30 49	16 6	23 43	23 44	21 37			n.a.
F 11	23 24	19 57	2 19	24 45	1 50	21 20	1 32	23 47	4 25	13 35	1 19	23 12	1 13	21 5	0 44	17 8	1 28	30 48	16 6	23 43	23 44	21 36			n.a.
S 12	23 19	22 40	1 2	24 28	1 46	21 2	1 31	23 53	4 26	13 31	1 19	23 13	1 13	21 5	0 44	17 8	1 28	30 48	16 6	23 43	23 44	21 35			n.a.
S 13	23 13	23 52	0 s21	24 8	1 42	20 43	1 31	23 59	4 28	13 27	1 19	23 14	1 13	21 6	0 44	17 8	1 28	30 47	16 6	23 43	23 44	21 34			n.a.
M14	23 7	23 19	1 43	23 47	1 37	20 23	1 30	24 5	4 30	13 22	1 18	23 15	1 13	21 6	0 44	17 9	1 28	30 46	16 5	23 43	23 44	21 33			n.a.
T 15	23 1	21 5	2 57	23 23	1 31	20 3	1 29	24 11	4 31	13 18	1 18	23 16	1 13	21 7	0 44	17 9	1 28	30 46	16 5	23 43	23 44	21 32			n.a.
W16	22 54	17 25	3 59	22 57	1 25	19 43	1 29	24 17	4 33	13 13	1 18	23 17	1 13	21 7	0 44	17 10	1 28	30 45	16 5	23 43	23 45	21 31			n.a.
T 17	22 46	12 43	4 44	22 29	1 18	19 22	1 28	24 23	4 34	13 9	1 18	23 18	1 13	21 8	0 44	17 10	1 28	30 45	16 5	23 43	23 45	21 30			n.a.
F 18	22 39	7 24	5 10	21 59	1 10	19 0	1 27	24 29	4 35	13 4	1 18	23 19	1 13	21 9	0 44	17 10	1 28	30 44	16 5	23 43	23 45	21 29			n.a.
S 19	22 30	1 52	5 17	21 27	1 2	18 38	1 26	24 35	4 36	12 59	1 18	23 19	1 13	21 9	0 44	17 11	1 28	30 43	16 5	23 44	23 45	21 28			n.a.
S 20	22 22	3n36	5 5	20 53	0 53	18 15	1 25	24 41	4 37	12 55	1 18	23 20	1 14	21 10	0 44	17 11	1 28	30 43	16 4	23 44	23 45	21 27			n.a.
M21	22 13	8 45	4 38	20 18	0 43	17 52	1 24	24 47	4 38	12 50	1 17	23 21	1 14	21 10	0 44	17 11	1 28	30 42	16 4	23 43	23 45	21 26			n.a.
T 22	22 3	13 24	3 57	19 42	0 33	17 28	1 22	24 53	4 39	12 45	1 17	23 22	1 14	21 11	0 44	17 12	1 28	30 42	16 4	23 43	23 45	21 25			n.a.
W23	21 53	17 22	3 5	19 4	0 21	17 4	1 21	24 59	4 40	12 41	1 17	23 23	1 14	21 11	0 44	17 12	1 29	30 41	16 4	23 43	23 45	21 24			n.a.
T 24	21 43	20 29	2 6	18 26	0 9	16 40	1 20	25 5	4 41	12 36	1 17	23 24	1 14	21 12	0 44	17 12	1 29	30 40	16 4	23 43	23 45	21 23			n.a.
F 25	21 32	22 39	1 2	17 47	0n 3	16 15	1 18	25 10	4 41	12 31	1 17	23 25	1 14	21 13	0 44	17 13	1 29	30 40	16 4	23 43	23 46	21 22			n.a.
S 26	21 21	23 45	0n 3	17 8	0 16	15 49	1 17	25 16	4 42	12 26	1 17	23 25	1 14	21 13	0 44	17 13	1 29	30 39	16 4	23 43	23 46	21 21			n.a.
S 27	21 10	23 45	1 9	16 29	0 30	15 23	1 15	25 21	4 42	12 21	1 17	23 26	1 14	21 14	0 44	17 13	1 29	30 39	16 3	23 43	23 46	21 20			n.a.
M28	20 58	22 40	2 10	15 50	0 44	14 57	1 13	25 26	4 42	12 17	1 17	23 27	1 14	21 14	0 44	17 13	1 29	30 38	16 3	23 43	23 46	21 19			n.a.
T 29	20 46	20 35	3 6	15 13	0 58	14 30	1 12	25 31	4 42	12 12	1 16	23 28	1 14	21 15	0 44	17 14	1 29	30 37	16 3	23 43	23 46	21 17			n.a.
W30	20 33	17 37	3 54	14 36	1 13	14 3	1 10	25 36	4 42	12 7	1 16	23 29	1 14	21 16	0 44	17 14	1 29	30 37	16 3	23 44	23 46	21 16			n.a.
T 31	20 s20	13n57	4n32	14 s 1	1n27	13 s36	1 s 8	25n41	4n42	12 s 2	1 s16	23n29	1n15	21n16	0n44	17 s14	1n29	30 s36	16 s 3	23n44	23n46	21n15			n.a.

Julian Day Number = 1303211.5, Delta T = 07h48m25s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'49, Lahiri = -19°45'49 Julian Calendar 1 Jan. 1145 BCE == Greg. Calendar 21 Dec. 1146 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

FEBRUARY 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 58 58	1♒40'58	17♍13	19♒54	28♒44	26°R44	2♓28	20°R15	29°R38	22♏24	18♒44	5°R 2	3♋56	8♌34	n.a.	F 1
S 2	8 2 55	2°40'45	29°18	20°47	29°57	26♋21	2°41	20♋11	29♋35	22°25	18°46	4♋58	3°53	8°41	n.a.	S 2
S 3	8 6 51	3°40'30	11♎35	21°32	1♓11	25°58	2°54	20° 6	29°32	22°26	18°47	4°55	3°50	8°48	n.a.	S 3
M 4	8 10 48	4°40'13	24° 6	22° 9	2°24	25°35	3° 8	20° 1	29°30	22°27	18°49	4°53	3°46	8°54	n.a.	M 4
T 5	8 14 45	5°39'54	6♏55	22°37	3°37	25°12	3°21	19°57	29°27	22°28	18°50	4°D52	3°43	9° 1	n.a.	T 5
W 6	8 18 41	6°39'33	20° 5	22°57	4°51	24°49	3°35	19°52	29°24	22°29	18°52	4°53	3°40	9° 8	n.a.	W 6
T 7	8 22 38	7°39'11	3♐41	23° 9	6° 4	24°27	3°48	19°48	29°22	22°30	18°53	4°54	3°37	9°14	n.a.	T 7
F 8	8 26 34	8°38'47	17°43	23°R12	7°17	24° 5	4° 2	19°43	29°19	22°31	18°54	4°56	3°34	9°21	n.a.	F 8
S 9	8 30 31	9°38'21	2♑11	23° 7	8°30	23°44	4°16	19°39	29°17	22°32	18°56	4°R57	3°30	9°28	n.a.	S 9
S 10	8 34 27	10°37'53	17° 2	22°54	9°43	23°23	4°29	19°35	29°14	22°33	18°57	4°56	3°27	9°35	n.a.	S 10
M11	8 38 24	11°37'23	2♒10	22°34	10°56	23° 2	4°43	19°31	29°12	22°33	18°59	4°54	3°24	9°41	n.a.	M11
T 12	8 42 20	12°36'50	17°25	22° 6	12° 9	22°42	4°57	19°26	29° 9	22°34	19° 0	4°50	3°21	9°48	n.a.	T 12
W13	8 46 17	13°36'16	2♓39	21°32	13°22	22°22	5°11	19°22	29° 7	22°35	19° 2	4°44	3°18	9°55	n.a.	W13
T 14	8 50 14	14°35'39	17°40	20°53	14°35	22° 4	5°25	19°18	29° 4	22°36	19° 3	4°38	3°15	10° 1	n.a.	T 14
F 15	8 54 10	15°35'00	2♈19	20° 9	15°48	21°45	5°39	19°14	29° 2	22°36	19° 5	4°33	3°11	10° 8	n.a.	F 15
S 16	8 58 7	16°34'18	16°32	19°22	17° 1	21°28	5°53	19°10	28°59	22°37	19° 6	4°28	3° 8	10°15	n.a.	S 16
S 17	9 2 3	17°33'34	0♉15	18°31	18°14	21°11	6° 7	19° 6	28°57	22°37	19° 8	4°24	3° 5	10°21	n.a.	S 17
M18	9 6 0	18°32'47	13°31	17°40	19°26	20°54	6°21	19° 2	28°54	22°38	19° 9	4°D23	3° 2	10°28	n.a.	M18
T 19	9 9 56	19°31'58	26°21	16°48	20°39	20°39	6°35	18°58	28°52	22°38	19°11	4°23	2°59	10°35	n.a.	T 19
W20	9 13 53	20°31'07	8♊49	15°56	21°51	20°24	6°49	18°55	28°49	22°39	19°12	4°24	2°56	10°41	n.a.	W20
T 21	9 17 49	21°30'13	21° 1	15° 7	23° 4	20°10	7° 3	18°51	28°47	22°39	19°14	4°26	2°52	10°48	n.a.	T 21
F 22	9 21 46	22°29'17	3♋ 2	14°19	24°16	19°56	7°17	18°47	28°45	22°40	19°16	4°R26	2°49	10°55	n.a.	F 22
S 23	9 25 42	23°28'18	14°54	13°35	25°28	19°43	7°31	18°44	28°42	22°40	19°17	4°26	2°46	11° 1	n.a.	S 23
S 24	9 29 39	24°27'17	26°43	12°55	26°41	19°32	7°45	18°40	28°40	22°41	19°19	4°23	2°43	11° 8	n.a.	S 24
M25	9 33 36	25°26'14	8♌32	12°20	27°53	19°20	7°59	18°37	28°38	22°41	19°20	4°18	2°40	11°15	n.a.	M25
T 26	9 37 32	26°25'08	20°22	11°49	29° 5	19°10	8°13	18°34	28°36	22°41	19°22	4°11	2°36	11°21	n.a.	T 26
W27	9 41 29	27°24'00	2♍16	11°23	0♈17	19° 0	8°28	18°31	28°33	22°41	19°23	4° 2	2°33	11°28	n.a.	W27
T 28	9 45 25	28°22'50	14°15	11° 3	1°29	18°52	8°42	18°27	28°31	22°42	19°24	3°51	2°30	11°35	n.a.	T 28
F 29	9 49 22	29♒21'38	26♍21	10♒48	2♈41	18♋44	8♓56	18♋24	28♋29	22♏42	19♒26	3♋41	2♋27	11♌41	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s 7	9n42	4n59	13s28	1n42	13s 8	1s 6	25n46	4n42	11s57	1s16	23n30	1n15	21n17	0n44	17s14	1n29	30s36	16s 3	23n44	23n46	21n14		n.a.	F 1
S 2	19 53	5 2	5 12	12 58	1 57	12 40	1 4	25 50	4 42	11 52	1 16	23 31	1 15	21 17	0 44	17 15	1 29	30 35	16 3	23 44	23 46	21 13		n.a.	S 2
S 3	19 39	0 7	5 11	12 30	2 11	12 12	1 2	25 54	4 41	11 47	1 16	23 32	1 15	21 18	0 44	17 15	1 29	30 35	16 3	23 44	23 46	21 12		n.a.	S 3
M 4	19 24	4s55	4 56	12 4	2 25	11 43	1 0	25 58	4 41	11 42	1 16	23 33	1 15	21 18	0 44	17 15	1 29	30 34	16 3	23 44	23 47	21 11		n.a.	M 4
T 5	19 10	9 52	4 26	11 43	2 38	11 14	0 58	26 2	4 40	11 37	1 16	23 33	1 15	21 19	0 44	17 15	1 29	30 33	16 3	23 44	23 47	21 10		n.a.	T 5
W 6	18 55	14 30	3 41	11 24	2 51	10 45	0 56	26 5	4 39	11 32	1 16	23 34	1 15	21 19	0 44	17 16	1 29	30 33	16 3	23 44	23 47	21 9		n.a.	W 6
T 7	18 39	18 34	2 43	11 9	3 3	10 16	0 54	26 9	4 38	11 27	1 16	23 35	1 15	21 20	0 44	17 16	1 29	30 32	16 2	23 44	23 47	21 8		n.a.	T 7
F 8	18 24	21 43	1 33	10 58	3 13	9 46	0 51	26 12	4 37	11 21	1 15	23 35	1 15	21 21	0 44	17 16	1 29	30 32	16 2	23 44	23 47	21 6		n.a.	F 8
S 9	18 8	23 34	0 15	10 50	3 23	9 16	0 49	26 15	4 36	11 16	1 15	23 36	1 15	21 21	0 44	17 16	1 29	30 31	16 2	23 44	23 47	21 5		n.a.	S 9
S 10	17 51	23 49	1s 6	10 47	3 31	8 46	0 47	26 17	4 35	11 11	1 15	23 37	1 15	21 22	0 44	17 16	1 29	30 31	16 2	23 44	23 47	21 4		n.a.	S 10
M11	17 35	22 19	2 23	10 47	3 38	8 16	0 44	26 19	4 34	11 6	1 15	23 37	1 15	21 22	0 44	17 16	1 29	30 30	16 2	23 44	23 47	21 3		n.a.	M11
T 12	17 18	19 12	3 31	10 51	3 43	7 45	0 42	26 22	4 33	11 1	1 15	23 38	1 15	21 23	0 44	17 17	1 29	30 30	16 2	23 44	23 47	21 2		n.a.	T 12
W13	17 1	14 47	4 23	10 59	3 46	7 14	0 39	26 24	4 31	10 55	1 15	23 39	1 15	21 23	0 44	17 17	1 29	30 29	16 2	23 45	23 47	21 1		n.a.	W13
T 14	16 43	9 30	4 57	11 10	3 48	6 43	0 36	26 25	4 30	10 50	1 15	23 39	1 15	21 24	0 44	17 17	1 29	30 28	16 2	23 45	23 47	20 59		n.a.	T 14
F 15	16 26	3 47	5 10	11 24	3 48	6 12	0 34	26 27	4 28	10 45	1 15	23 40	1 15	21 24	0 44	17 17	1 29	30 28	16 2	23 45	23 48	20 58		n.a.	F 15
S 16	16 8	1n56	5 3	11 41	3 45	5 41	0 31	26 28	4 26	10 40	1 15	23 41	1 15	21 25	0 44	17 17	1 29	30 27	16 2	23 45	23 48	20 57		n.a.	S 16
S 17	15 49	7 23	4 39	12 1	3 41	5 10	0 28	26 29	4 24	10 34	1 15	23 41	1 15	21 25	0 44	17 17	1 29	30 27	16 2	23 45	23 48	20 56		n.a.	S 17
M18	15 31	12 19	4 1	12 22	3 36	4 38	0 25	26 30	4 23	10 29	1 15	23 42	1 15	21 26	0 44	17 17	1 30	30 26	16 2	23 45	23 48	20 55		n.a.	M18
T 19	15 12	16 33	3 12	12 45	3 28	4 7	0 23	26 31	4 21	10 24	1 15	23 42	1 15	21 26	0 44	17 17	1 30	30 26	16 2	23 45	23 48	20 53		n.a.	T 19
W20	14 53	19 55	2 14	13 9	3 19	3 35	0 20	26 31	4 19	10 18	1 15	23 43	1 15	21 27	0 44	17 17	1 30	30 25	16 2	23 45	23 48	20 52		n.a.	W20
T 21	14 34	22 19	1 12	13 34	3 9	3 3	0 17	26 31	4 17	10 13	1 14	23 43	1 15	21 27	0 44	17 18	1 30	30 25	16 2	23 45	23 48	20 51		n.a.	T 21
F 22	14 15	23 40	0 8	13 59	2 57	2 31	0 14	26 31	4 15	10 8	1 14	23 44	1 15	21 28	0 44	17 18	1 30	30 24	16 2	23 45	23 48	20 50		n.a.	F 22
S 23	13 55	23 55	0n56	14 24	2 44	2 0	0 11	26 31	4 13	10 2	1 14	23 45	1 15	21 28	0 44	17 18	1 30	30 24	16 2	23 45	23 48	20 49		n.a.	S 23
S 24	13 35	23 4	1 57	14 48	2 31	1 28	0 8	26 31	4 10	9 57	1 14	23 45	1 15	21 29	0 44	17 18	1 30	30 23	16 2	23 45	23 48	20 47		n.a.	S 24
M25	13 15	21 12	2 53	15 12	2 16	0 56	0 5	26 30	4 8	9 51	1 14	23 45	1 15	21 29	0 44	17 18	1 30	30 23	16 2	23 46	23 48	20 46		n.a.	M25
T 26	12 55	18 25	3 41	15 35	2 2	0 24	0 2	26 30	4 6	9 46	1 14	23 46	1 15	21 30	0 44	17 18	1 30	30 23	16 2	23 46	23 48	20 45		n.a.	T 26
W27	12 34	14 52	4 20	15 57	1 46	0n 8	0n 1	26 29	4 4	9 40	1 14	23 46	1 15	21 30	0 44	17 18	1 30	30 22	16 2	23 46	23 48	20 44		n.a.	W27
T 28	12 14	10 42	4 48	16 17	1 31	0 40	0 5	26 28	4 1	9 35	1 14	23 47	1 15	21 30	0 44	17 18	1 30	30 22	16 2	23 46	23 48	20 42		n.a.	T 28
F 29	11s53	6n 5	5n 2	16s36	1n16	1n12	0n 8	26n27	3n59	9s29	1s14	23n47	1n15	21n31	0n44	17s18	1n30	30s21	16s 3	23n47	23n48	20n41		n.a.	F 29

Julian Day Number = 1303242.5, Delta T = 07h48m24s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'45, Lahiri = -19°45'45 Julian Calendar 1 Feb. 1145 BCE == Greg. Calendar 21 Jan. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

MARCH 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 53 18	0♓20'24	8♎35	10°R39	3♈52	18°R36	9♓10	18°R21	28°R27	22♏42	19♒27	3°R31	2♋24	11♌48	n.a.	S 1
S 2	9 57 15	1°19'08	20°59	10°D35	5° 4	18♋30	9°25	18♋19	28♋25	22°42	19°29	3♋23	2°21	11°55	n.a.	S 2
M 3	10 1 11	2°17'50	3♏35	10♒37	6°16	18°24	9°39	18°16	28°23	22°42	19°30	3°17	2°17	12° 1	n.a.	M 3
T 4	10 5 8	3°16'31	16°26	10°44	7°27	18°20	9°53	18°13	28°21	22°42	19°32	3°13	2°14	12° 8	n.a.	T 4
W 5	10 9 4	4°15'09	29°34	10°56	8°39	18°15	10° 7	18°11	28°19	22°R42	19°33	3°D12	2°11	12°15	n.a.	W 5
T 6	10 13 1	5°13'46	13♐ 2	11°12	9°50	18°12	10°22	18° 8	28°17	22°42	19°35	3°12	2° 8	12°21	n.a.	T 6
F 7	10 16 58	6°12'21	26°52	11°34	11° 1	18°10	10°36	18° 6	28°15	22°42	19°36	3°R12	2° 5	12°28	n.a.	F 7
S 8	10 20 54	7°10'54	11♑ 5	12° 0	12°13	18° 8	10°50	18° 3	28°13	22°42	19°38	3°12	2° 2	12°35	n.a.	S 8
S 9	10 24 51	8° 9'26	25°41	12°31	13°24	18° 7	11° 5	18° 1	28°11	22°42	19°39	3°10	1°58	12°41	n.a.	S 9
M10	10 28 47	9° 7'55	10♒36	13° 5	14°35	18°D 7	11°19	17°59	28°10	22°42	19°41	3° 6	1°55	12°48	n.a.	M10
T 11	10 32 44	10° 6'23	25°42	13°44	15°46	18° 7	11°33	17°57	28° 8	22°42	19°42	2°59	1°52	12°55	n.a.	T 11
W12	10 36 40	11° 4'49	10♓51	14°26	16°57	18° 8	11°48	17°55	28° 6	22°41	19°43	2°50	1°49	13° 1	n.a.	W12
T 13	10 40 37	12° 3'13	25°52	15°12	18° 8	18°10	12° 2	17°53	28° 4	22°41	19°45	2°40	1°46	13° 8	n.a.	T 13
F 14	10 44 33	13° 1'34	10♈36	16° 2	19°18	18°13	12°16	17°51	28° 3	22°41	19°46	2°30	1°42	13°15	n.a.	F 14
S 15	10 48 30	13°59'54	24°55	16°54	20°29	18°17	12°31	17°50	28° 1	22°41	19°48	2°21	1°39	13°22	n.a.	S 15
S 16	10 52 26	14°58'11	8♉46	17°50	21°40	18°21	12°45	17°48	28° 0	22°40	19°49	2°14	1°36	13°28	n.a.	S 16
M17	10 56 23	15°56'27	22° 7	18°49	22°50	18°26	12°59	17°47	27°58	22°40	19°50	2° 9	1°33	13°35	n.a.	M17
T 18	11 0 20	16°54'40	5♊ 2	19°50	24° 0	18°31	13°13	17°45	27°57	22°40	19°52	2° 7	1°30	13°42	n.a.	T 18
W19	11 4 16	17°52'51	17°32	20°55	25°11	18°38	13°28	17°44	27°55	22°39	19°53	2°D 7	1°27	13°48	n.a.	W19
T 20	11 8 13	18°51'00	29°44	22° 2	26°21	18°44	13°42	17°43	27°54	22°39	19°55	2°R 7	1°23	13°55	n.a.	T 20
F 21	11 12 9	19°49'07	11♋43	23°11	27°31	18°52	13°56	17°42	27°53	22°38	19°56	2° 6	1°20	14° 2	n.a.	F 21
S 22	11 16 6	20°47'11	23°35	24°23	28°41	19° 0	14°11	17°41	27°51	22°38	19°57	2° 5	1°17	14° 8	n.a.	S 22
S 23	11 20 2	21°45'14	5♌23	25°38	29°51	19° 9	14°25	17°40	27°50	22°37	19°59	2° 1	1°14	14°15	n.a.	S 23
M24	11 23 59	22°43'15	17°12	26°55	1♉ 0	19°18	14°39	17°39	27°49	22°37	20° 0	1°54	1°11	14°22	n.a.	M24
T 25	11 27 55	23°41'13	29° 5	28°14	2°10	19°28	14°53	17°39	27°48	22°36	20° 1	1°44	1° 7	14°28	n.a.	T 25
W26	11 31 52	24°39'10	11♍ 5	29°35	3°19	19°39	15° 7	17°38	27°47	22°35	20° 2	1°33	1° 4	14°35	n.a.	W26
T 27	11 35 49	25°37'05	23°14	0♓59	4°29	19°50	15°22	17°38	27°46	22°35	20° 4	1°19	1° 1	14°42	n.a.	T 27
F 28	11 39 45	26°34'58	5♎32	2°24	5°38	20° 2	15°36	17°37	27°45	22°34	20° 5	1° 6	0°58	14°48	n.a.	F 28
S 29	11 43 42	27°32'50	18° 0	3°52	6°47	20°14	15°50	17°37	27°44	22°33	20° 6	0°53	0°55	14°55	n.a.	S 29
S 30	11 47 38	28°30'40	0♏39	5°22	7°56	20°27	16° 4	17°37	27°43	22°32	20° 7	0°42	0°52	15° 2	n.a.	S 30
M31	11 51 35	29♓28'28	13♏28	6♓54	9♉ 5	20♋41	16♓18	17°D37	27♋42	22♏32	20♒ 9	0♋34	0♋48	15♌ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s32	1n11	5n 4	16s53	1n 1	1n44	0n11	26n25	3n57	9s24	1s14	23n48	1n15	21n31	0n44	17s18	1n30	30s21	16s 3	23n47	23n49	20n40		n.a.	S 1
S 2	11 11	3s50	4 51	17 8	0 46	2 16	0 14	26 24	3 54	9 19	1 14	23 48	1 15	21 32	0 44	17 18	1 30	30 20	16 3	23 47	23 49	20 39		n.a.	S 2
M 3	10 50	8 47	4 24	17 22	0 31	2 48	0 17	26 22	3 52	9 13	1 14	23 48	1 15	21 32	0 44	17 18	1 30	30 20	16 3	23 47	23 49	20 37		n.a.	M 3
T 4	10 28	13 28	3 43	17 34	0 17	3 19	0 21	26 21	3 50	9 8	1 14	23 49	1 15	21 33	0 44	17 18	1 30	30 19	16 3	23 47	23 49	20 36		n.a.	T 4
W 5	10 7	17 38	2 50	17 44	0 3	3 51	0 24	26 19	3 47	9 2	1 14	23 49	1 15	21 33	0 44	17 18	1 30	30 19	16 3	23 48	23 49	20 35		n.a.	W 5
T 6	9 45	20 59	1 46	17 52	0s11	4 22	0 27	26 17	3 45	8 56	1 14	23 50	1 15	21 33	0 44	17 18	1 30	30 19	16 3	23 48	23 49	20 34		n.a.	T 6
F 7	9 23	23 14	0 34	17 59	0 24	4 54	0 31	26 15	3 42	8 51	1 14	23 50	1 15	21 34	0 44	17 18	1 30	30 18	16 3	23 47	23 49	20 32		n.a.	F 7
S 8	9 1	24 3	0s42	18 3	0 36	5 25	0 34	26 13	3 40	8 45	1 14	23 50	1 15	21 34	0 44	17 18	1 30	30 18	16 3	23 47	23 49	20 31		n.a.	S 8
S 9	8 39	23 16	1 57	18 6	0 48	5 56	0 37	26 10	3 37	8 40	1 14	23 50	1 15	21 34	0 44	17 18	1 30	30 17	16 3	23 48	23 49	20 30		n.a.	S 9
M10	8 17	20 50	3 5	18 6	0 59	6 28	0 41	26 8	3 35	8 34	1 14	23 51	1 15	21 35	0 44	17 17	1 30	30 17	16 4	23 48	23 49	20 28		n.a.	M10
T 11	7 54	16 56	4 1	18 5	1 10	6 58	0 44	26 5	3 33	8 29	1 14	23 51	1 15	21 35	0 44	17 17	1 30	30 17	16 4	23 48	23 49	20 27		n.a.	T 11
W12	7 32	11 56	4 41	18 2	1 20	7 29	0 47	26 3	3 30	8 23	1 14	23 51	1 15	21 35	0 44	17 17	1 30	30 16	16 4	23 48	23 49	20 26		n.a.	W12
T 13	7 9	6 15	5 0	17 58	1 29	8 0	0 50	26 0	3 28	8 18	1 14	23 51	1 15	21 36	0 44	17 17	1 31	30 16	16 4	23 48	23 49	20 24		n.a.	T 13
F 14	6 46	0 19	4 59	17 51	1 38	8 30	0 54	25 57	3 25	8 12	1 14	23 52	1 15	21 36	0 43	17 17	1 31	30 16	16 4	23 48	23 49	20 23		n.a.	F 14
S 15	6 24	5n28	4 40	17 43	1 47	9 0	0 57	25 54	3 23	8 6	1 14	23 52	1 15	21 36	0 43	17 17	1 31	30 15	16 4	23 49	23 49	20 22		n.a.	S 15
S 16	6 1	10 49	4 4	17 33	1 54	9 30	1 0	25 51	3 20	8 1	1 14	23 52	1 15	21 37	0 43	17 17	1 31	30 15	16 4	23 49	23 49	20 20		n.a.	S 16
M17	5 38	15 27	3 15	17 21	2 1	10 0	1 4	25 48	3 18	7 55	1 14	23 52	1 15	21 37	0 43	17 17	1 31	30 15	16 5	23 49	23 49	20 19		n.a.	M17
T 18	5 15	19 13	2 19	17 7	2 8	10 30	1 7	25 45	3 15	7 50	1 14	23 52	1 15	21 37	0 43	17 17	1 31	30 14	16 5	23 49	23 49	20 18		n.a.	T 18
W19	4 52	21 58	1 17	16 52	2 13	10 59	1 10	25 42	3 13	7 44	1 14	23 52	1 15	21 37	0 43	17 16	1 31	30 14	16 5	23 49	23 49	20 16		n.a.	W19
T 20	4 29	23 37	0 13	16 34	2 18	11 28	1 14	25 39	3 11	7 39	1 14	23 53	1 15	21 38	0 43	17 16	1 31	30 14	16 5	23 49	23 49	20 15		n.a.	T 20
F 21	4 6	24 9	0n51	16 15	2 23	11 57	1 17	25 35	3 8	7 33	1 14	23 53	1 15	21 38	0 43	17 16	1 31	30 13	16 5	23 49	23 49	20 14		n.a.	F 21
S 22	3 43	23 34	1 51	15 55	2 27	12 25	1 20	25 32	3 6	7 27	1 14	23 53	1 15	21 38	0 43	17 16	1 31	30 13	16 5	23 49	23 49	20 12		n.a.	S 22
S 23	3 19	21 55	2 46	15 32	2 30	12 54	1 23	25 28	3 4	7 22	1 14	23 53	1 15	21 38	0 43	17 16	1 31	30 13	16 6	23 49	23 50	20 11		n.a.	S 23
M24	2 56	19 20	3 34	15 8	2 33	13 22	1 26	25 24	3 1	7 16	1 14	23 53	1 15	21 39	0 43	17 16	1 31	30 13	16 6	23 49	23 50	20 9		n.a.	M24
T 25	2 33	15 56	4 13	14 42	2 35	13 49	1 30	25 20	2 59	7 11	1 14	23 53	1 15	21 39	0 43	17 15	1 31	30 12	16 6	23 49	23 50	20 8		n.a.	T 25
W26	2 9	11 51	4 41	14 14	2 37	14 16	1 33	25 17	2 57	7 5	1 14	23 53	1 15	21 39	0 43	17 15	1 31	30 12	16 6	23 49	23 50	20 7		n.a.	W26
T 27	1 46	7 16	4 57	13 45	2 38	14 43	1 36	25 13	2 54	7 0	1 14	23 53	1 15	21 39	0 43	17 15	1 31	30 12	16 6	23 49	23 50	20 5		n.a.	T 27
F 28	1 23	2 20	4 59	13 14	2 38	15 10	1 39	25 9	2 52	6 54	1 14	23 53	1 15	21 39	0 43	17 15	1 31	30 12	16 7	23 50	23 50	20 4		n.a.	F 28
S 29	0 59	2s46	4 47	12 42	2 38	15 36	1 42	25 5	2 50	6 48	1 14	23 53	1 15	21 40	0 43	17 15	1 31	30 11	16 7	23 50	23 50	20 2		n.a.	S 29
S 30	0 36	7 49	4 21	12 7	2 37	16 2	1 45	25 0	2 48	6 43	1 14	23 53	1 15	21 40	0 43	17 14	1 31	30 11	16 7	23 50	23 50	20 1		n.a.	S 30
M31	0s13	12s38	3n41	11s31	2s35	16n27	1n48	24n56	2n45	6s37	1s14	23n53	1n15	21n40	0n43	17s14	1n31	30s11	16s 7	23n50	23n50	20n 0		n.a.	M31

Julian Day Number = 1303271.5, Delta T = 07h48m22s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'41, Lahiri = -19°45'41 Julian Calendar 1 March 1145 BCE == Greg. Calendar 19 Feb. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

APRIL 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 31	0♈26'16	26♏30	8♓28	10♉14	20♋55	16♓32	17♋37	27°R41	22°R31	20♒10	0°R28	0♋45	15♌15	n.a.	T 1
W 2	11 59 28	1°24'02	9♐44	10° 4	11°22	21° 9	16°46	17°37	27♋41	22♏30	20°11	0♋26	0°42	15°22	n.a.	W 2
T 3	12 3 24	2°21'46	23°14	11°42	12°31	21°24	17° 0	17°38	27°40	22°29	20°12	0°25	0°39	15°28	n.a.	T 3
F 4	12 7 21	3°19'30	6♑59	13°22	13°39	21°40	17°14	17°38	27°39	22°28	20°13	0°25	0°36	15°35	n.a.	F 4
S 5	12 11 18	4°17'12	21° 2	15° 4	14°47	21°56	17°28	17°39	27°39	22°27	20°15	0°24	0°33	15°42	n.a.	S 5
S 6	12 15 14	5°14'53	5♒23	16°48	15°55	22°12	17°42	17°39	27°38	22°26	20°16	0°22	0°29	15°49	n.a.	S 6
M 7	12 19 11	6°12'33	19°58	18°34	17° 3	22°29	17°56	17°40	27°38	22°25	20°17	0°17	0°26	15°55	n.a.	M 7
T 8	12 23 7	7°10'11	4♓44	20°22	18°11	22°46	18°10	17°41	27°37	22°24	20°18	0°10	0°23	16° 2	n.a.	T 8
W 9	12 27 4	8° 7'48	19°33	22°12	19°19	23° 4	18°24	17°42	27°37	22°23	20°19	0° 0	0°20	16° 9	n.a.	W 9
T 10	12 31 0	9° 5'24	4♈19	24° 4	20°26	23°22	18°38	17°43	27°37	22°22	20°20	29♊49	0°17	16°15	n.a.	T 10
F 11	12 34 57	10° 2'59	18°51	25°58	21°34	23°41	18°52	17°44	27°36	22°21	20°21	29°38	0°13	16°22	n.a.	F 11
S 12	12 38 53	11° 0'32	3♉ 4	27°54	22°41	24° 0	19° 5	17°45	27°36	22°20	20°22	29°28	0°10	16°29	n.a.	S 12
S 13	12 42 50	11°58'04	16°52	29°52	23°48	24°20	19°19	17°46	27°36	22°19	20°23	29°20	0° 7	16°35	n.a.	S 13
M14	12 46 46	12°55'34	0♊14	1♈52	24°55	24°40	19°33	17°48	27°36	22°18	20°24	29°15	0° 4	16°42	n.a.	M14
T 15	12 50 43	13°53'03	13°10	3°54	26° 2	25° 0	19°46	17°49	27°D36	22°17	20°25	29°12	0° 1	16°49	n.a.	T 15
W16	12 54 40	14°50'31	25°43	5°58	27° 8	25°21	20° 0	17°51	27°36	22°16	20°26	29°D11	29♊58	16°55	n.a.	W16
T 17	12 58 36	15°47'57	7♋57	8° 3	28°15	25°42	20°13	17°53	27°36	22°14	20°27	29°11	29°54	17° 2	n.a.	T 17
F 18	13 2 33	16°45'22	19°58	10° 9	29°21	26° 4	20°27	17°55	27°36	22°13	20°28	29°R11	29°51	17° 9	n.a.	F 18
S 19	13 6 29	17°42'45	1♌51	12°17	0♊27	26°26	20°40	17°57	27°36	22°12	20°29	29°10	29°48	17°15	n.a.	S 19
S 20	13 10 26	18°40'07	13°41	14°26	1°33	26°48	20°54	17°59	27°36	22°11	20°30	29° 8	29°45	17°22	n.a.	S 20
M21	13 14 22	19°37'28	25°32	16°37	2°39	27°11	21° 7	18° 1	27°37	22° 9	20°31	29° 2	29°42	17°29	n.a.	M21
T 22	13 18 19	20°34'47	7♍30	18°47	3°44	27°34	21°21	18° 3	27°37	22° 8	20°32	28°55	29°38	17°36	n.a.	T 22
W23	13 22 15	21°32'05	19°37	20°59	4°49	27°57	21°34	18° 5	27°37	22° 7	20°32	28°45	29°35	17°42	n.a.	W23
T 24	13 26 12	22°29'22	1♎55	23°10	5°54	28°21	21°47	18° 8	27°38	22° 5	20°33	28°34	29°32	17°49	n.a.	T 24
F 25	13 30 9	23°26'38	14°26	25°22	6°59	28°44	22° 0	18°10	27°38	22° 4	20°34	28°23	29°29	17°56	n.a.	F 25
S 26	13 34 5	24°23'53	27°10	27°33	8° 4	29° 9	22°13	18°13	27°39	22° 3	20°35	28°12	29°26	18° 2	n.a.	S 26
S 27	13 38 2	25°21'07	10♏ 8	29°44	9° 8	29°33	22°27	18°16	27°40	22° 1	20°36	28° 3	29°23	18° 9	n.a.	S 27
M28	13 41 58	26°18'20	23°17	1♉54	10°12	29°58	22°40	18°18	27°40	22° 0	20°36	27°56	29°19	18°16	n.a.	M28
T 29	13 45 55	27°15'33	6♐38	4° 3	11°16	0♌23	22°53	18°21	27°41	21°58	20°37	27°51	29°16	18°22	n.a.	T 29
W30	13 49 51	28♈12'45	20♐10	6♉10	12♊20	0♌49	23♓ 5	18♋24	27♋42	21♏57	20♒38	27♊50	29♊13	18♌29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n11	16s57	2n49	10s54	2s33	16n52	1n51	24n52	2n43	6s32	1s14	23n53	1n15	21n40	0n43	17s14	1n31	30s11	16s 8	23n50	23n50	19n58		n.a.
W 2	0 34	20 31	1 47	10 14	2 31	17 17	1 53	24 47	2 41	6 26	1 14	23 53	1 15	21 40	0 43	17 14	1 31	30 11	16 8	23 50	23 50	19 57		n.a.
T 3	0 57	23 1	0 38	9 34	2 28	17 41	1 56	24 43	2 39	6 21	1 14	23 53	1 15	21 40	0 43	17 13	1 31	30 10	16 8	23 50	23 50	19 55		n.a.
F 4	1 21	24 13	0s35	8 51	2 24	18 5	1 59	24 38	2 37	6 15	1 14	23 53	1 14	21 40	0 43	17 13	1 31	30 10	16 8	23 50	23 50	19 54		n.a.
S 5	1 44	23 55	1 47	8 7	2 20	18 28	2 2	24 33	2 35	6 10	1 14	23 53	1 14	21 40	0 43	17 13	1 31	30 10	16 9	23 50	23 50	19 52		n.a.
S 6	2 7	22 2	2 53	7 22	2 15	18 51	2 4	24 28	2 32	6 4	1 14	23 52	1 14	21 40	0 43	17 13	1 31	30 10	16 9	23 50	23 50	19 51		n.a.
M 7	2 30	18 42	3 50	6 35	2 10	19 14	2 7	24 24	2 30	5 59	1 14	23 52	1 14	21 40	0 43	17 12	1 31	30 10	16 9	23 50	23 50	19 49		n.a.
T 8	2 53	14 8	4 32	5 46	2 4	19 36	2 9	24 19	2 28	5 53	1 14	23 52	1 14	21 41	0 43	17 12	1 31	30 10	16 9	23 50	23 50	19 48		n.a.
W 9	3 17	8 43	4 56	4 56	1 57	19 57	2 12	24 13	2 26	5 48	1 14	23 52	1 14	21 41	0 43	17 12	1 31	30 10	16 10	23 50	23 50	19 46		n.a.
T 10	3 40	2 50	5 0	4 4	1 50	20 18	2 14	24 8	2 24	5 42	1 14	23 52	1 14	21 41	0 43	17 11	1 31	30 9	16 10	23 50	23 50	19 45		n.a.
F 11	4 3	3n 8	4 44	3 12	1 43	20 39	2 17	24 3	2 22	5 37	1 14	23 52	1 14	21 41	0 43	17 11	1 32	30 9	16 10	23 50	23 50	19 43		n.a.
S 12	4 25	8 48	4 11	2 18	1 35	20 59	2 19	23 58	2 20	5 32	1 14	23 51	1 14	21 41	0 43	17 11	1 32	30 9	16 10	23 50	23 50	19 42		n.a.
S 13	4 48	13 53	3 24	1 22	1 27	21 18	2 21	23 52	2 18	5 26	1 15	23 51	1 14	21 41	0 43	17 10	1 32	30 9	16 11	23 50	23 50	19 40		n.a.
M14	5 11	18 8	2 27	0 26	1 18	21 37	2 23	23 46	2 16	5 21	1 15	23 51	1 14	21 41	0 43	17 10	1 32	30 9	16 11	23 50	23 50	19 39		n.a.
T 15	5 34	21 22	1 24	0n32	1 9	21 56	2 25	23 41	2 14	5 15	1 15	23 51	1 14	21 41	0 43	17 10	1 32	30 9	16 11	23 50	23 50	19 37		n.a.
W16	5 56	23 27	0 18	1 30	0 59	22 13	2 27	23 35	2 12	5 10	1 15	23 50	1 14	21 41	0 43	17 10	1 32	30 9	16 12	23 50	23 50	19 36		n.a.
T 17	6 19	24 22	0n46	2 29	0 49	22 31	2 29	23 29	2 10	5 5	1 15	23 50	1 14	21 41	0 42	17 9	1 32	30 9	16 12	23 50	23 50	19 34		n.a.
F 18	6 41	24 6	1 48	3 29	0 39	22 47	2 31	23 23	2 9	4 59	1 15	23 50	1 14	21 40	0 42	17 9	1 32	30 9	16 12	23 50	23 50	19 33		n.a.
S 19	7 4	22 44	2 44	4 30	0 29	23 4	2 32	23 17	2 7	4 54	1 15	23 49	1 14	21 40	0 42	17 9	1 32	30 9	16 13	23 50	23 50	19 31		n.a.
S 20	7 26	20 23	3 33	5 30	0 18	23 19	2 34	23 11	2 5	4 49	1 15	23 49	1 14	21 40	0 42	17 8	1 32	30 9	16 13	23 50	23 50	19 30		n.a.
M21	7 48	17 10	4 13	6 31	0 8	23 34	2 35	23 4	2 3	4 43	1 15	23 49	1 14	21 40	0 42	17 8	1 32	30 9	16 13	23 50	23 50	19 28		n.a.
T 22	8 10	13 15	4 42	7 31	0n 3	23 49	2 37	22 58	2 1	4 38	1 15	23 48	1 14	21 40	0 42	17 7	1 32	30 9	16 13	23 50	23 50	19 27		n.a.
W23	8 32	8 45	4 59	8 32	0 13	24 2	2 38	22 52	1 59	4 33	1 15	23 48	1 14	21 40	0 42	17 7	1 32	30 9	16 14	23 50	23 50	19 25		n.a.
T 24	8 53	3 50	5 2	9 31	0 24	24 16	2 39	22 45	1 58	4 28	1 15	23 48	1 14	21 40	0 42	17 7	1 32	30 9	16 14	23 49	23 50	19 24		n.a.
F 25	9 15	1s19	4 51	10 30	0 34	24 28	2 41	22 38	1 56	4 22	1 15	23 47	1 14	21 40	0 42	17 6	1 32	30 9	16 14	23 49	23 50	19 22		n.a.
S 26	9 36	6 31	4 25	11 27	0 44	24 40	2 42	22 31	1 54	4 17	1 16	23 47	1 13	21 40	0 42	17 6	1 32	30 9	16 15	23 49	23 50	19 20		n.a.
S 27	9 58	11 32	3 46	12 24	0 54	24 51	2 42	22 24	1 52	4 12	1 16	23 47	1 13	21 39	0 42	17 6	1 32	30 9	16 15	23 49	23 50	19 19		n.a.
M28	10 19	16 6	2 53	13 19	1 3	25 2	2 43	22 17	1 51	4 7	1 16	23 46	1 13	21 39	0 42	17 5	1 32	30 9	16 15	23 49	23 50	19 17		n.a.
T 29	10 40	19 57	1 51	14 12	1 12	25 12	2 44	22 10	1 49	4 2	1 16	23 46	1 13	21 39	0 42	17 5	1 32	30 9	16 16	23 49	23 50	19 16		n.a.
W30	11n 1	22s47	0n41	15n 3	1n20	25n22	2n44	22n 3	1n47	3s57	1s16	23n45	1n13	21n39	0n42	17s 4	1n32	30s 9	16s16	23n49	23n50	19n14		n.a.

Julian Day Number = 1303302.5, Delta T = 07h48m20s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'37, Lahiri = -19°45'37 Julian Calendar 1 Apr. 1145 BCE == Greg. Calendar 21 March 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

MAY 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 48	29♈ 9'57	3♉52	8♉16	13♊23	1♌15	23♓18	18♋27	27♋42	21°R56	20♒38	27°D49	29♊10	18♌36	n.a.	T 1
F 2	13 57 45	0♉ 7'08	17°44	10°21	14°27	1°41	23°31	18°31	27°43	21♏54	20°39	27♊50	29° 7	18°42	n.a.	F 2
S 3	14 1 41	1° 4'19	1♒46	12°23	15°30	2° 7	23°44	18°34	27°44	21°53	20°40	27°R51	29° 4	18°49	n.a.	S 3
S 4	14 5 38	2° 1'30	15°58	14°24	16°32	2°34	23°56	18°37	27°45	21°51	20°40	27°50	29° 0	18°56	n.a.	S 4
M 5	14 9 34	2°58'40	0♓17	16°22	17°35	3° 1	24° 9	18°41	27°46	21°50	20°41	27°47	28°57	19° 2	n.a.	M 5
T 6	14 13 31	3°55'50	14°41	18°19	18°37	3°28	24°22	18°44	27°47	21°48	20°42	27°42	28°54	19° 9	n.a.	T 6
W 7	14 17 27	4°52'59	29° 6	20°13	19°39	3°55	24°34	18°48	27°48	21°47	20°42	27°35	28°51	19°16	n.a.	W 7
T 8	14 21 24	5°50'08	13♈25	22° 5	20°40	4°23	24°47	18°51	27°50	21°45	20°43	27°27	28°48	19°23	n.a.	T 8
F 9	14 25 20	6°47'17	27°35	23°55	21°41	4°51	24°59	18°55	27°51	21°44	20°43	27°19	28°44	19°29	n.a.	F 9
S 10	14 29 17	7°44'25	11♉28	25°42	22°42	5°19	25°11	18°59	27°52	21°42	20°44	27°12	28°41	19°36	n.a.	S 10
S 11	14 33 14	8°41'33	25° 3	27°27	23°43	5°48	25°23	19° 3	27°53	21°40	20°44	27° 6	28°38	19°43	n.a.	S 11
M12	14 37 10	9°38'41	8♊16	29°10	24°43	6°17	25°35	19° 7	27°55	21°39	20°45	27° 3	28°35	19°49	n.a.	M12
T 13	14 41 7	10°35'48	21° 7	0♊50	25°43	6°45	25°48	19°11	27°56	21°37	20°45	27°D 1	28°32	19°56	n.a.	T 13
W14	14 45 3	11°32'54	3♋39	2°28	26°43	7°15	25°59	19°15	27°58	21°36	20°46	27° 1	28°29	20° 3	n.a.	W14
T 15	14 49 0	12°30'00	15°53	4° 3	27°42	7°44	26°11	19°20	27°59	21°34	20°46	27° 2	28°25	20° 9	n.a.	T 15
F 16	14 52 56	13°27'06	27°55	5°36	28°41	8°14	26°23	19°24	28° 1	21°33	20°46	27° 4	28°22	20°16	n.a.	F 16
S 17	14 56 53	14°24'11	9♌50	7° 7	29°39	8°44	26°35	19°28	28° 2	21°31	20°47	27°R 5	28°19	20°23	n.a.	S 17
S 18	15 0 49	15°21'15	21°41	8°35	0♋37	9°14	26°47	19°33	28° 4	21°29	20°47	27° 4	28°16	20°30	n.a.	S 18
M19	15 4 46	16°18'20	3♍35	10° 0	1°35	9°44	26°58	19°37	28° 6	21°28	20°47	27° 3	28°13	20°36	n.a.	M19
T 20	15 8 43	17°15'23	15°35	11°23	2°32	10°15	27°10	19°42	28° 7	21°26	20°48	26°59	28°10	20°43	n.a.	T 20
W21	15 12 39	18°12'27	27°46	12°44	3°29	10°45	27°21	19°47	28° 9	21°25	20°48	26°55	28° 6	20°50	n.a.	W21
T 22	15 16 36	19° 9'30	10♎11	14° 2	4°25	11°16	27°32	19°52	28°11	21°23	20°48	26°49	28° 3	20°56	n.a.	T 22
F 23	15 20 32	20° 6'33	22°53	15°17	5°21	11°47	27°44	19°57	28°13	21°21	20°48	26°43	28° 0	21° 3	n.a.	F 23
S 24	15 24 29	21° 3'36	5♏52	16°30	6°16	12°19	27°55	20° 1	28°15	21°20	20°48	26°37	27°57	21°10	n.a.	S 24
S 25	15 28 25	22° 0'38	19° 7	17°40	7°11	12°50	28° 6	20° 7	28°17	21°18	20°49	26°32	27°54	21°16	n.a.	S 25
M26	15 32 22	22°57'42	2♐39	18°47	8° 5	13°22	28°17	20°12	28°19	21°16	20°49	26°29	27°50	21°23	n.a.	M26
T 27	15 36 19	23°54'45	16°24	19°51	8°59	13°54	28°27	20°17	28°21	21°15	20°49	26°27	27°47	21°30	n.a.	T 27
W28	15 40 15	24°51'48	0♑20	20°52	9°52	14°26	28°38	20°22	28°23	21°13	20°49	26°D26	27°44	21°36	n.a.	W28
T 29	15 44 12	25°48'52	14°25	21°50	10°45	14°58	28°49	20°27	28°25	21°12	20°49	26°27	27°41	21°43	n.a.	T 29
F 30	15 48 8	26°45'57	28°34	22°45	11°37	15°30	28°59	20°33	28°28	21°10	20°49	26°29	27°38	21°50	n.a.	F 30
S 31	15 52 5	27♉43'02	12♒47	23♊37	12♋28	16♌ 3	29♓10	20♋38	28♋30	21♏ 8	20♒49	26♊30	27♊35	21♌57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n21	24s19	0s32	15n52	1n28	25n30	2n45	21n55	1n45	3s52	1s16	23n45	1n13	21n39	0n42	17s 4	1n32	30s 9	16s16	23n49	23n50	19n13		n.a.
F 2	11 42	24 22	1 45	16 40	1 35	25 38	2 45	21 48	1 44	3 47	1 16	23 44	1 13	21 39	0 42	17 4	1 32	30 9	16 17	23 49	23 50	19 11		n.a.
S 3	12 2	22 52	2 51	17 25	1 41	25 46	2 45	21 40	1 42	3 41	1 16	23 44	1 13	21 38	0 42	17 3	1 32	30 9	16 17	23 49	23 50	19 9		n.a.
S 4	12 22	19 56	3 48	18 7	1 47	25 53	2 45	21 32	1 40	3 36	1 16	23 43	1 13	21 38	0 42	17 3	1 32	30 10	16 18	23 49	23 50	19 8		n.a.
M 5	12 42	15 47	4 32	18 48	1 52	25 59	2 45	21 24	1 39	3 32	1 16	23 43	1 13	21 38	0 42	17 2	1 32	30 10	16 18	23 49	23 50	19 6		n.a.
T 6	13 2	10 42	4 58	19 26	1 57	26 5	2 45	21 16	1 37	3 27	1 17	23 42	1 13	21 38	0 42	17 2	1 32	30 10	16 18	23 49	23 50	19 5		n.a.
W 7	13 22	5 2	5 6	20 1	2 1	26 9	2 45	21 8	1 36	3 22	1 17	23 42	1 13	21 37	0 42	17 2	1 32	30 10	16 19	23 49	23 50	19 3		n.a.
T 8	13 41	0n52	4 54	20 35	2 4	26 14	2 44	21 0	1 34	3 17	1 17	23 41	1 13	21 37	0 42	17 1	1 32	30 10	16 19	23 48	23 50	19 1		n.a.
F 9	14 0	6 40	4 25	21 5	2 6	26 17	2 44	20 51	1 32	3 12	1 17	23 40	1 13	21 37	0 42	17 1	1 32	30 10	16 19	23 48	23 50	19 0		n.a.
S 10	14 19	12 2	3 40	21 34	2 8	26 20	2 43	20 43	1 31	3 7	1 17	23 40	1 13	21 37	0 42	17 0	1 32	30 10	16 20	23 48	23 49	18 58		n.a.
S 11	14 38	16 42	2 44	22 0	2 9	26 23	2 42	20 34	1 29	3 2	1 17	23 39	1 13	21 36	0 42	17 0	1 32	30 11	16 20	23 48	23 49	18 56		n.a.
M12	14 56	20 24	1 39	22 24	2 9	26 24	2 41	20 26	1 28	2 57	1 17	23 39	1 13	21 36	0 42	17 0	1 32	30 11	16 20	23 48	23 49	18 55		n.a.
T 13	15 15	23 0	0 32	22 45	2 9	26 26	2 40	20 17	1 26	2 53	1 17	23 38	1 13	21 36	0 42	16 59	1 32	30 11	16 21	23 48	23 49	18 53		n.a.
W14	15 33	24 23	0n36	23 5	2 8	26 26	2 39	20 8	1 25	2 48	1 17	23 37	1 13	21 35	0 42	16 59	1 32	30 11	16 21	23 48	23 49	18 51		n.a.
T 15	15 50	24 32	1 40	23 22	2 6	26 26	2 37	19 58	1 23	2 43	1 18	23 37	1 13	21 35	0 42	16 58	1 32	30 11	16 22	23 48	23 49	18 50		n.a.
F 16	16 8	23 31	2 39	23 37	2 3	26 25	2 36	19 49	1 22	2 39	1 18	23 36	1 13	21 35	0 42	16 58	1 32	30 12	16 22	23 48	23 49	18 48		n.a.
S 17	16 25	21 27	3 31	23 50	2 0	26 24	2 34	19 40	1 20	2 34	1 18	23 35	1 13	21 34	0 41	16 58	1 32	30 12	16 22	23 48	23 49	18 46		n.a.
S 18	16 42	18 29	4 13	24 1	1 57	26 22	2 32	19 30	1 19	2 29	1 18	23 35	1 13	21 34	0 41	16 57	1 32	30 12	16 23	23 48	23 49	18 45		n.a.
M19	16 59	14 46	4 45	24 10	1 52	26 19	2 30	19 21	1 17	2 25	1 18	23 34	1 13	21 33	0 41	16 57	1 32	30 12	16 23	23 48	23 49	18 43		n.a.
T 20	17 16	10 26	5 4	24 17	1 47	26 16	2 27	19 11	1 16	2 20	1 18	23 33	1 13	21 33	0 41	16 56	1 32	30 12	16 23	23 48	23 49	18 41		n.a.
W21	17 32	5 38	5 10	24 23	1 42	26 12	2 25	19 1	1 15	2 16	1 18	23 33	1 13	21 33	0 41	16 56	1 32	30 13	16 24	23 48	23 49	18 40		n.a.
T 22	17 48	0 31	5 2	24 26	1 35	26 8	2 22	18 51	1 13	2 12	1 19	23 32	1 13	21 32	0 41	16 55	1 32	30 13	16 24	23 48	23 49	18 38		n.a.
F 23	18 4	4s44	4 39	24 28	1 29	26 3	2 19	18 41	1 12	2 7	1 19	23 31	1 12	21 32	0 41	16 55	1 32	30 13	16 25	23 47	23 49	18 36		n.a.
S 24	18 19	9 54	4 1	24 29	1 21	25 57	2 16	18 30	1 10	2 3	1 19	23 30	1 12	21 31	0 41	16 55	1 32	30 14	16 25	23 47	23 49	18 34		n.a.
S 25	18 34	14 45	3 9	24 28	1 13	25 51	2 13	18 20	1 9	1 58	1 19	23 29	1 12	21 31	0 41	16 54	1 32	30 14	16 25	23 47	23 49	18 33		n.a.
M26	18 49	18 58	2 6	24 25	1 5	25 44	2 10	18 10	1 8	1 54	1 19	23 29	1 12	21 31	0 41	16 54	1 32	30 14	16 26	23 47	23 49	18 31		n.a.
T 27	19 3	22 13	0 55	24 21	0 56	25 37	2 6	17 59	1 6	1 50	1 19	23 28	1 12	21 30	0 41	16 53	1 32	30 14	16 26	23 47	23 49	18 29		n.a.
W28	19 18	24 11	0s21	24 16	0 46	25 30	2 2	17 48	1 5	1 46	1 20	23 27	1 12	21 30	0 41	16 53	1 32	30 15	16 26	23 47	23 49	18 28		n.a.
T 29	19 32	24 38	1 37	24 10	0 36	25 21	1 59	17 37	1 3	1 42	1 20	23 26	1 12	21 29	0 41	16 53	1 32	30 15	16 27	23 47	23 49	18 26		n.a.
F 30	19 45	23 30	2 47	24 3	0 25	25 13	1 54	17 26	1 2	1 38	1 20	23 25	1 12	21 29	0 41	16 52	1 32	30 15	16 27	23 47	23 49	18 24		n.a.
S 31	19n58	20s52	3s47	23n54	0n14	25n 4	1n50	17n15	1n 1	1s33	1s20	23n24	1n12	21n28	0n41	16s52	1n32	30s16	16s28	23n47	23n49	18n22		n.a.

Julian Day Number = 1303332.5, Delta T = 07h48m19s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'33, Lahiri = -19°45'32 Julian Calendar 1 May 1145 BCE == Greg. Calendar 20 Apr. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

JUNE 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 1	28♉40'07	27♒ 0	24♊25	13♋18	16♌36	29♓20	20♋44	28♋32	21°R 7	20°R49	26°R31	27♊31	22♌ 3	n.a.	S 1
M 2	15 59 58	29°37'13	11♓12	25° 9	14° 8	17° 9	29°31	20°49	28°34	21♏ 5	20♒49	26♊30	27°28	22°10	n.a.	M 2
T 3	16 3 54	0♊34'20	25°20	25°50	14°58	17°42	29°41	20°55	28°37	21° 4	20°49	26°29	27°25	22°17	n.a.	T 3
W 4	16 7 51	1°31'27	9♈22	26°28	15°46	18°15	29°51	21° 0	28°39	21° 2	20°49	26°26	27°22	22°23	n.a.	W 4
T 5	16 11 48	2°28'35	23°16	27° 1	16°34	18°49	0♈ 1	21° 6	28°42	21° 0	20°49	26°23	27°19	22°30	n.a.	T 5
F 6	16 15 44	3°25'44	6♉58	27°30	17°21	19°22	0°10	21°12	28°44	20°59	20°49	26°19	27°16	22°37	n.a.	F 6
S 7	16 19 41	4°22'53	20°26	27°54	18° 8	19°56	0°20	21°18	28°47	20°57	20°49	26°16	27°12	22°43	n.a.	S 7
S 8	16 23 37	5°20'03	3♊39	28°15	18°53	20°30	0°30	21°24	28°49	20°56	20°49	26°14	27° 9	22°50	n.a.	S 8
M 9	16 27 34	6°17'14	16°35	28°31	19°38	21° 4	0°39	21°30	28°52	20°54	20°48	26°13	27° 6	22°57	n.a.	M 9
T 10	16 31 30	7°14'25	29°15	28°42	20°21	21°39	0°49	21°36	28°55	20°53	20°48	26°D13	27° 3	23° 4	n.a.	T 10
W11	16 35 27	8°11'37	11♋40	28°48	21° 4	22°13	0°58	21°42	28°57	20°51	20°48	26°13	27° 0	23°10	n.a.	W11
T 12	16 39 24	9° 8'49	23°51	28°R50	21°46	22°48	1° 7	21°48	29° 0	20°50	20°48	26°14	26°56	23°17	n.a.	T 12
F 13	16 43 20	10° 6'02	5♌52	28°46	22°27	23°23	1°16	21°54	29° 3	20°48	20°48	26°16	26°53	23°24	n.a.	F 13
S 14	16 47 17	11° 3'15	17°46	28°38	23° 6	23°57	1°25	22° 0	29° 6	20°47	20°47	26°17	26°50	23°30	n.a.	S 14
S 15	16 51 13	12° 0'29	29°37	28°25	23°45	24°33	1°33	22° 7	29° 8	20°45	20°47	26°18	26°47	23°37	n.a.	S 15
M16	16 55 10	12°57'43	11♍31	28° 7	24°22	25° 8	1°42	22°13	29°11	20°44	20°47	26°R18	26°44	23°44	n.a.	M16
T 17	16 59 6	13°54'58	23°31	27°44	24°59	25°43	1°51	22°19	29°14	20°42	20°46	26°18	26°41	23°50	n.a.	T 17
W18	17 3 3	14°52'13	5♎43	27°17	25°34	26°19	1°59	22°26	29°17	20°41	20°46	26°17	26°37	23°57	n.a.	W18
T 19	17 6 59	15°49'29	18°10	26°45	26° 7	26°54	2° 7	22°32	29°20	20°39	20°46	26°16	26°34	24° 4	n.a.	T 19
F 20	17 10 56	16°46'46	0♏56	26°10	26°40	27°30	2°15	22°39	29°23	20°38	20°45	26°15	26°31	24°11	n.a.	F 20
S 21	17 14 53	17°44'03	14° 3	25°31	27°11	28° 6	2°23	22°45	29°26	20°36	20°45	26°14	26°28	24°17	n.a.	S 21
S 22	17 18 49	18°41'22	27°32	24°50	27°41	28°42	2°31	22°52	29°29	20°35	20°44	26°13	26°25	24°24	n.a.	S 22
M23	17 22 46	19°38'41	11♐21	24° 6	28° 9	29°18	2°39	22°58	29°32	20°34	20°44	26°13	26°21	24°31	n.a.	M23
T 24	17 26 42	20°36'01	25°29	23°21	28°35	29°55	2°46	23° 5	29°35	20°32	20°43	26°D12	26°18	24°37	n.a.	T 24
W25	17 30 39	21°33'23	9♑51	22°36	29° 0	0♍31	2°53	23°12	29°39	20°31	20°43	26°13	26°15	24°44	n.a.	W25
T 26	17 34 35	22°30'46	24°23	21°51	29°23	1° 8	3° 1	23°19	29°42	20°30	20°42	26°13	26°12	24°51	n.a.	T 26
F 27	17 38 32	23°28'10	8♒57	21° 6	29°45	1°44	3° 8	23°25	29°45	20°28	20°42	26°13	26° 9	24°58	n.a.	F 27
S 28	17 42 28	24°25'35	23°30	20°24	0♌ 5	2°21	3°15	23°32	29°48	20°27	20°41	26°13	26° 6	25° 4	n.a.	S 28
S 29	17 46 25	25°23'02	7♓55	19°44	0°23	2°58	3°22	23°39	29°52	20°26	20°41	26°13	26° 2	25°11	n.a.	S 29
M30	17 50 22	26♊20'30	22♓10	19♊ 8	0♌39	3♍35	3♈28	23♋46	29♋55	20♏25	20♒40	26♊13	25♊59	25♌18	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n11	16s59	4s33	23n45	0n 2	24n54	1n45	17n 4	0n59	1s29	1s20	23n24	1n12	21n28	0n41	16s51	1n32	30s16	16s28	23n47	23n48	18n21		n.a.
M 2	20 24	12 8	5 3	23 34	0s10	24 44	1 41	16 52	0 58	1 25	1 20	23 23	1 12	21 27	0 41	16 51	1 32	30 16	16 28	23 47	23 48	18 19		n.a.
T 3	20 36	6 40	5 14	23 23	0 23	24 34	1 36	16 41	0 57	1 21	1 21	23 22	1 12	21 27	0 41	16 50	1 32	30 17	16 29	23 47	23 48	18 17		n.a.
W 4	20 48	0 54	5 6	23 11	0 36	24 23	1 30	16 29	0 56	1 18	1 21	23 21	1 12	21 26	0 41	16 50	1 32	30 17	16 29	23 47	23 48	18 15		n.a.
T 5	21 0	4n51	4 40	22 59	0 49	24 11	1 25	16 17	0 54	1 14	1 21	23 20	1 12	21 26	0 41	16 50	1 32	30 18	16 29	23 47	23 48	18 13		n.a.
F 6	21 11	10 18	3 59	22 46	1 3	24 0	1 19	16 5	0 53	1 10	1 21	23 19	1 12	21 25	0 41	16 49	1 32	30 18	16 30	23 47	23 48	18 12		n.a.
S 7	21 22	15 11	3 4	22 32	1 17	23 48	1 13	15 53	0 52	1 6	1 21	23 18	1 12	21 24	0 41	16 49	1 32	30 18	16 30	23 47	23 48	18 10		n.a.
S 8	21 32	19 15	2 1	22 18	1 31	23 35	1 7	15 41	0 50	1 2	1 21	23 17	1 12	21 24	0 41	16 48	1 32	30 19	16 31	23 47	23 48	18 8		n.a.
M 9	21 43	22 16	0 53	22 4	1 45	23 22	1 1	15 29	0 49	0 59	1 22	23 16	1 12	21 23	0 41	16 48	1 32	30 19	16 31	23 47	23 48	18 6		n.a.
T 10	21 52	24 7	0n17	21 49	2 0	23 9	0 54	15 16	0 48	0 55	1 22	23 15	1 12	21 23	0 41	16 48	1 32	30 20	16 31	23 47	23 48	18 4		n.a.
W11	22 2	24 43	1 24	21 35	2 15	22 56	0 48	15 4	0 47	0 52	1 22	23 14	1 12	21 22	0 41	16 47	1 32	30 20	16 32	23 47	23 48	18 3		n.a.
T 12	22 11	24 6	2 27	21 21	2 29	22 42	0 40	14 51	0 45	0 48	1 22	23 13	1 12	21 22	0 41	16 47	1 32	30 20	16 32	23 47	23 48	18 1		n.a.
F 13	22 20	22 22	3 22	21 6	2 43	22 28	0 33	14 39	0 44	0 45	1 22	23 12	1 12	21 21	0 41	16 47	1 32	30 21	16 32	23 47	23 48	17 59		n.a.
S 14	22 28	19 41	4 8	20 52	2 58	22 14	0 26	14 26	0 43	0 41	1 23	23 11	1 12	21 20	0 41	16 46	1 32	30 21	16 33	23 47	23 48	17 57		n.a.
S 15	22 36	16 11	4 43	20 38	3 11	22 0	0 18	14 13	0 42	0 38	1 23	23 10	1 12	21 20	0 41	16 46	1 32	30 22	16 33	23 47	23 47	17 55		n.a.
M16	22 43	12 3	5 6	20 25	3 24	21 45	0 10	14 0	0 41	0 35	1 23	23 9	1 12	21 19	0 41	16 45	1 32	30 22	16 33	23 47	23 47	17 54		n.a.
T 17	22 51	7 26	5 16	20 12	3 37	21 30	0 1	13 46	0 39	0 31	1 23	23 8	1 12	21 18	0 41	16 45	1 31	30 23	16 34	23 47	23 47	17 52		n.a.
W18	22 57	2 27	5 12	19 59	3 49	21 15	0s 7	13 33	0 38	0 28	1 23	23 7	1 12	21 18	0 41	16 45	1 31	30 23	16 34	23 47	23 47	17 50		n.a.
T 19	23 4	2s43	4 54	19 48	4 0	21 0	0 16	13 19	0 37	0 25	1 24	23 6	1 12	21 17	0 41	16 44	1 31	30 23	16 34	23 47	23 47	17 48		n.a.
F 20	23 10	7 56	4 20	19 37	4 9	20 45	0 25	13 6	0 36	0 22	1 24	23 5	1 12	21 16	0 41	16 44	1 31	30 24	16 35	23 47	23 47	17 46		n.a.
S 21	23 15	12 56	3 33	19 27	4 18	20 30	0 35	12 52	0 35	0 19	1 24	23 4	1 12	21 16	0 41	16 44	1 31	30 24	16 35	23 47	23 47	17 44		n.a.
S 22	23 20	17 27	2 32	19 19	4 25	20 14	0 45	12 38	0 34	0 16	1 24	23 3	1 12	21 15	0 41	16 43	1 31	30 25	16 36	23 47	23 47	17 42		n.a.
M23	23 25	21 10	1 21	19 11	4 31	19 59	0 55	12 24	0 32	0 13	1 24	23 1	1 12	21 14	0 41	16 43	1 31	30 25	16 36	23 47	23 47	17 41		n.a.
T 24	23 29	23 41	0 4	19 5	4 35	19 43	1 5	12 10	0 31	0 10	1 25	23 0	1 12	21 14	0 41	16 43	1 31	30 26	16 36	23 47	23 47	17 39		n.a.
W25	23 33	24 42	1s15	19 1	4 37	19 28	1 15	11 56	0 30	0 8	1 25	22 59	1 12	21 13	0 41	16 42	1 31	30 26	16 37	23 47	23 47	17 37		n.a.
T 26	23 37	24 3	2 30	18 57	4 38	19 12	1 26	11 42	0 29	0 5	1 25	22 58	1 12	21 12	0 41	16 42	1 31	30 27	16 37	23 47	23 47	17 35		n.a.
F 27	23 40	21 46	3 35	18 56	4 37	18 57	1 37	11 28	0 28	0 2	1 25	22 57	1 12	21 12	0 40	16 42	1 31	30 27	16 37	23 47	23 46	17 33		n.a.
S 28	23 43	18 6	4 27	18 56	4 34	18 42	1 49	11 13	0 27	0n 0	1 26	22 56	1 12	21 11	0 40	16 41	1 31	30 28	16 37	23 47	23 46	17 31		n.a.
S 29	23 45	13 23	5 1	18 58	4 29	18 26	2 0	10 59	0 26	0 3	1 26	22 55	1 12	21 10	0 40	16 41	1 31	30 28	16 38	23 47	23 46	17 29		n.a.
M30	23n47	7s59	5s16	19n 1	4s23	18n11	2s12	10n44	0n25	0n 5	1s26	22n53	1n12	21n10	0n40	16s41	1n31	30s29	16s38	23n47	23n46	17n27		n.a.

Julian Day Number = 1303363.5, Delta T = 07h48m17s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'29, Lahiri = -19°45'28 Julian Calendar 1 June 1145 BCE == Greg. Calendar 21 May 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

JULY 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 54 18	27♊17'59	6♈12	18°R36	0♌53	4♍13	3♈35	23♋53	29♋58	20°R23	20°R39	26♊13	25♊56	25♌24	n.a.	T 1
W 2	17 58 15	28°15'31	20° 0	18♊ 9	1° 5	4°50	3°41	24° 0	0♌ 1	20♏22	20♒39	26°14	25°53	25°31	n.a.	W 2
T 3	18 2 11	29°13'04	3♉33	17°47	1°15	5°27	3°47	24° 7	0° 5	20°21	20°38	26°14	25°50	25°38	n.a.	T 3
F 4	18 6 8	0♋10'38	16°51	17°32	1°23	6° 5	3°53	24°14	0° 8	20°20	20°38	26°14	25°47	25°44	n.a.	F 4
S 5	18 10 4	1° 8'15	29°55	17°23	1°29	6°43	3°59	24°21	0°12	20°19	20°37	26°15	25°43	25°51	n.a.	S 5
S 6	18 14 1	2° 5'52	12♊45	17°D20	1°33	7°21	4° 5	24°28	0°15	20°18	20°36	26°15	25°40	25°58	n.a.	S 6
M 7	18 17 58	3° 3'32	25°22	17°25	1°R34	7°59	4°10	24°35	0°19	20°17	20°35	26°R15	25°37	26° 5	n.a.	M 7
T 8	18 21 54	4° 1'13	7♋47	17°36	1°33	8°37	4°16	24°42	0°22	20°15	20°35	26°15	25°34	26°11	n.a.	T 8
W 9	18 25 51	4°58'55	20° 1	17°55	1°30	9°15	4°21	24°50	0°26	20°14	20°34	26°14	25°31	26°18	n.a.	W 9
T 10	18 29 47	5°56'38	2♌ 6	18°21	1°25	9°53	4°26	24°57	0°29	20°13	20°33	26°13	25°28	26°25	n.a.	T 10
F 11	18 33 44	6°54'24	14° 3	18°55	1°17	10°32	4°31	25° 4	0°33	20°12	20°32	26°12	25°24	26°31	n.a.	F 11
S 12	18 37 40	7°52'10	25°55	19°36	1° 6	11°10	4°35	25°11	0°36	20°11	20°31	26°10	25°21	26°38	n.a.	S 12
S 13	18 41 37	8°49'58	7♍46	20°24	0°54	11°49	4°40	25°18	0°40	20°11	20°31	26° 9	25°18	26°45	n.a.	S 13
M14	18 45 33	9°47'47	19°39	21°18	0°39	12°28	4°44	25°26	0°43	20°10	20°30	26° 7	25°15	26°52	n.a.	M14
T 15	18 49 30	10°45'37	1♎38	22°20	0°21	13° 7	4°48	25°33	0°47	20° 9	20°29	26° 6	25°12	26°58	n.a.	T 15
W16	18 53 27	11°43'29	13°47	23°28	0° 2	13°46	4°52	25°40	0°51	20° 8	20°28	26°D 6	25° 8	27° 5	n.a.	W16
T 17	18 57 23	12°41'23	26°11	24°42	29♋40	14°25	4°56	25°48	0°54	20° 7	20°27	26° 7	25° 5	27°12	n.a.	T 17
F 18	19 1 20	13°39'17	8♏55	26° 2	29°16	15° 4	4°59	25°55	0°58	20° 6	20°26	26° 8	25° 2	27°18	n.a.	F 18
S 19	19 5 16	14°37'14	22° 1	27°27	28°50	15°44	5° 3	26° 2	1° 1	20° 5	20°25	26° 9	24°59	27°25	n.a.	S 19
S 20	19 9 13	15°35'11	5♐33	28°57	28°22	16°23	5° 6	26°10	1° 5	20° 5	20°24	26°10	24°56	27°32	n.a.	S 20
M21	19 13 9	16°33'11	19°30	0♋32	27°52	17° 3	5° 9	26°17	1° 9	20° 4	20°23	26°R11	24°53	27°38	n.a.	M21
T 22	19 17 6	17°31'12	3♑52	2°11	27°21	17°42	5°12	26°25	1°13	20° 3	20°22	26°11	24°49	27°45	n.a.	T 22
W23	19 21 2	18°29'15	18°34	3°53	26°48	18°22	5°15	26°32	1°16	20° 3	20°21	26°10	24°46	27°52	n.a.	W23
T 24	19 24 59	19°27'19	3♒29	5°39	26°14	19° 2	5°17	26°40	1°20	20° 2	20°21	26° 8	24°43	27°59	n.a.	T 24
F 25	19 28 56	20°25'26	18°29	7°27	25°39	19°42	5°19	26°47	1°24	20° 1	20°19	26° 5	24°40	28° 5	n.a.	F 25
S 26	19 32 52	21°23'34	3♓26	9°18	25° 3	20°22	5°22	26°54	1°27	20° 1	20°18	26° 1	24°37	28°12	n.a.	S 26
S 27	19 36 49	22°21'45	18°11	11°10	24°27	21° 2	5°23	27° 2	1°31	20° 0	20°17	25°58	24°33	28°19	n.a.	S 27
M28	19 40 45	23°19'57	2♈39	13° 4	23°50	21°42	5°25	27° 9	1°35	20° 0	20°16	25°56	24°30	28°25	n.a.	M28
T 29	19 44 42	24°18'12	16°45	14°58	23°13	22°23	5°27	27°17	1°39	19°59	20°15	25°55	24°27	28°32	n.a.	T 29
W30	19 48 38	25°16'29	0♉29	16°54	22°36	23° 3	5°28	27°24	1°43	19°59	20°14	25°D54	24°24	28°39	n.a.	W30
T 31	19 52 35	26♋14'49	13♉52	18♋49	22♋ 0	23♍44	5♈29	27♋32	1♌46	19♏58	20♒13	25♊55	24♊21	28♌46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	2s16	5s12	19n 6	4s15	17n56	2s24	10n29	0n23	0n 8	1s26	22n52	1n12	21n 9	0n40	16s41	1n31	30s29	16s38	23n47	23n46	17n25			n.a.
W 2	23 49	3n28	4 50	19 13	4 5	17 42	2 37	10 14	0 22	0 10	1 27	22 51	1 12	21 8	0 40	16 40	1 31	30 30	16 39	23 47	23 46	17 24			n.a.
T 3	23 50	8 57	4 12	19 22	3 54	17 27	2 49	9 59	0 21	0 12	1 27	22 50	1 12	21 7	0 40	16 40	1 31	30 30	16 39	23 47	23 46	17 22			n.a.
F 4	23 50	13 56	3 22	19 33	3 42	17 13	3 2	9 44	0 20	0 15	1 27	22 48	1 12	21 7	0 40	16 40	1 31	30 31	16 39	23 47	23 46	17 20			n.a.
S 5	23 50	18 10	2 21	19 45	3 29	16 59	3 15	9 29	0 19	0 17	1 27	22 47	1 12	21 6	0 40	16 39	1 31	30 31	16 40	23 47	23 46	17 18			n.a.
S 6	23 49	21 28	1 14	19 58	3 16	16 45	3 28	9 14	0 18	0 19	1 27	22 46	1 13	21 5	0 40	16 39	1 31	30 32	16 40	23 47	23 46	17 16			n.a.
M 7	23 48	23 40	0 5	20 13	3 1	16 32	3 42	8 59	0 17	0 21	1 28	22 45	1 13	21 4	0 40	16 39	1 31	30 32	16 40	23 47	23 45	17 14			n.a.
T 8	23 46	24 39	1n 3	20 30	2 46	16 19	3 55	8 43	0 16	0 23	1 28	22 43	1 13	21 4	0 40	16 39	1 31	30 33	16 41	23 47	23 45	17 12			n.a.
W 9	23 44	24 25	2 8	20 47	2 30	16 6	4 9	8 28	0 15	0 25	1 28	22 42	1 13	21 3	0 40	16 38	1 31	30 33	16 41	23 47	23 45	17 10			n.a.
T 10	23 42	23 2	3 6	21 5	2 14	15 54	4 23	8 12	0 14	0 26	1 28	22 41	1 13	21 2	0 40	16 38	1 31	30 34	16 41	23 47	23 45	17 8			n.a.
F 11	23 39	20 37	3 55	21 24	1 58	15 43	4 36	7 56	0 13	0 28	1 29	22 40	1 13	21 1	0 40	16 38	1 31	30 35	16 41	23 47	23 45	17 6			n.a.
S 12	23 36	17 21	4 33	21 44	1 42	15 31	4 50	7 40	0 12	0 30	1 29	22 38	1 13	21 0	0 40	16 38	1 30	30 35	16 42	23 46	23 45	17 4			n.a.
S 13	23 32	13 25	5 0	22 3	1 25	15 21	5 4	7 25	0 11	0 31	1 29	22 37	1 13	21 0	0 40	16 38	1 30	30 36	16 42	23 46	23 45	17 2			n.a.
M14	23 28	8 58	5 14	22 23	1 9	15 11	5 17	7 9	0 10	0 33	1 29	22 36	1 13	20 59	0 40	16 37	1 30	30 36	16 42	23 46	23 45	17 0			n.a.
T 15	23 23	4 8	5 14	22 43	0 54	15 1	5 31	6 53	0 9	0 34	1 30	22 34	1 13	20 58	0 40	16 37	1 30	30 37	16 42	23 46	23 45	16 58			n.a.
W16	23 18	0s55	5 1	23 2	0 38	14 52	5 44	6 36	0 8	0 36	1 30	22 33	1 13	20 57	0 40	16 37	1 30	30 37	16 43	23 46	23 44	16 56			n.a.
T 17	23 13	6 2	4 34	23 20	0 24	14 44	5 57	6 20	0 7	0 37	1 30	22 32	1 13	20 56	0 40	16 37	1 30	30 38	16 43	23 46	23 44	16 54			n.a.
F 18	23 7	11 2	3 52	23 37	0 9	14 36	6 10	6 4	0 6	0 38	1 30	22 30	1 13	20 56	0 40	16 37	1 30	30 38	16 43	23 46	23 44	16 52			n.a.
S 19	23 1	15 43	2 57	23 52	0n 4	14 29	6 23	5 47	0 5	0 39	1 31	22 29	1 13	20 55	0 40	16 37	1 30	30 39	16 43	23 46	23 44	16 50			n.a.
S 20	22 54	19 45	1 51	24 7	0 17	14 23	6 35	5 31	0 4	0 40	1 31	22 27	1 13	20 54	0 40	16 36	1 30	30 39	16 44	23 46	23 44	16 48			n.a.
M21	22 47	22 48	0 37	24 19	0 29	14 17	6 47	5 15	0 3	0 41	1 31	22 26	1 13	20 53	0 40	16 36	1 30	30 40	16 44	23 47	23 44	16 46			n.a.
T 22	22 40	24 29	0s42	24 29	0 40	14 12	6 58	4 58	0 2	0 42	1 31	22 25	1 13	20 52	0 40	16 36	1 30	30 40	16 44	23 47	23 44	16 44			n.a.
W23	22 32	24 30	2 0	24 37	0 51	14 8	7 8	4 41	0 1	0 43	1 32	22 23	1 13	20 51	0 40	16 36	1 30	30 41	16 44	23 46	23 44	16 42			n.a.
T 24	22 24	22 47	3 11	24 43	1 0	14 5	7 18	4 25	0s 0	0 44	1 32	22 22	1 13	20 51	0 40	16 36	1 30	30 42	16 45	23 46	23 43	16 40			n.a.
F 25	22 15	19 28	4 9	24 46	1 9	14 2	7 27	4 8	0 1	0 45	1 32	22 21	1 13	20 50	0 40	16 36	1 30	30 42	16 45	23 46	23 43	16 38			n.a.
S 26	22 6	14 54	4 50	24 47	1 17	14 0	7 36	3 51	0 2	0 45	1 32	22 19	1 13	20 49	0 40	16 36	1 30	30 43	16 45	23 46	23 43	16 36			n.a.
S 27	21 56	9 30	5 11	24 44	1 24	13 58	7 44	3 34	0 3	0 46	1 33	22 18	1 13	20 48	0 40	16 36	1 30	30 43	16 45	23 46	23 43	16 34			n.a.
M28	21 47	3 41	5 11	24 40	1 30	13 58	7 51	3 17	0 4	0 46	1 33	22 16	1 14	20 47	0 40	16 35	1 30	30 44	16 45	23 46	23 43	16 32			n.a.
T 29	21 36	2n11	4 53	24 33	1 35	13 58	7 57	3 0	0 5	0 46	1 33	22 15	1 14	20 46	0 40	16 35	1 30	30 44	16 45	23 46	23 43	16 30			n.a.
W30	21 26	7 48	4 18	24 23	1 39	13 59	8 2	2 43	0 6	0 47	1 33	22 13	1 14	20 45	0 40	16 35	1 30	30 45	16 46	23 46	23 43	16 28			n.a.
T 31	21n15	12n55	3s30	24n10	1n42	14n 0	8s 6	2n26	0s 7	0n47	1s34	22n12	1n14	20n45	0n40	16s35	1n30	30s45	16s46	23n46	23n42	16n26			n.a.

Julian Day Number = 1303393.5, Delta T = 07h48m16s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'25, Lahiri = -19°45'24 Julian Calendar 1 July 1145 BCE == Greg. Calendar 20 June 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

AUGUST 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 56 31	27♋13'11	26♉54	20♋45	21°R24	24♍24	5♈30	27♋39	1♌50	19°R58	20°R12	25♊57	24♊18	28♌52	n.a.	F 1
S 2	20 0 28	28°11'34	9♊40	22°41	20♋50	25° 5	5°31	27°47	1°54	19♏58	20♒11	25°58	24°14	28°59	n.a.	S 2
S 3	20 4 24	29°10'01	22°12	24°37	20°16	25°46	5°31	27°54	1°58	19°57	20°10	25°R59	24°11	29° 6	n.a.	S 3
M 4	20 8 21	0♌ 8'29	4♋32	26°32	19°43	26°27	5°32	28° 2	2° 1	19°57	20° 9	25°59	24° 8	29°12	n.a.	M 4
T 5	20 12 18	1° 7'00	16°42	28°26	19°12	27° 8	5°R32	28° 9	2° 5	19°57	20° 8	25°57	24° 5	29°19	n.a.	T 5
W 6	20 16 14	2° 5'32	28°45	0♌20	18°42	27°49	5°32	28°17	2° 9	19°57	20° 7	25°53	24° 2	29°26	n.a.	W 6
T 7	20 20 11	3° 4'07	10♌43	2°13	18°15	28°31	5°31	28°24	2°13	19°56	20° 5	25°48	23°59	29°33	n.a.	T 7
F 8	20 24 7	4° 2'44	22°36	4° 5	17°49	29°12	5°31	28°32	2°17	19°56	20° 4	25°41	23°55	29°39	n.a.	F 8
S 9	20 28 4	5° 1'22	4♍27	5°56	17°25	29°54	5°30	28°39	2°20	19°56	20° 3	25°34	23°52	29°46	n.a.	S 9
S 10	20 32 0	6° 0'03	16°18	7°46	17° 3	0♎35	5°29	28°46	2°24	19°56	20° 2	25°26	23°49	29°53	n.a.	S 10
M11	20 35 57	6°58'45	28°11	9°36	16°44	1°17	5°28	28°54	2°28	19°56	20° 1	25°20	23°46	29°59	n.a.	M11
T 12	20 39 53	7°57'30	10♎ 9	11°24	16°27	1°58	5°27	29° 1	2°32	19°56	20° 0	25°14	23°43	0♍ 6	n.a.	T 12
W13	20 43 50	8°56'16	22°17	13°11	16°12	2°40	5°25	29° 9	2°36	19°D56	19°59	25°11	23°39	0°13	n.a.	W13
T 14	20 47 47	9°55'04	4♏37	14°58	15°59	3°22	5°24	29°16	2°39	19°56	19°57	25°D 9	23°36	0°20	n.a.	T 14
F 15	20 51 43	10°53'54	17°15	16°43	15°49	4° 4	5°22	29°23	2°43	19°56	19°56	25°10	23°33	0°26	n.a.	F 15
S 16	20 55 40	11°52'46	0♐15	18°27	15°41	4°46	5°20	29°31	2°47	19°56	19°55	25°11	23°30	0°33	n.a.	S 16
S 17	20 59 36	12°51'40	13°40	20°11	15°36	5°29	5°17	29°38	2°51	19°56	19°54	25°12	23°27	0°40	n.a.	S 17
M18	21 3 33	13°50'36	27°34	21°53	15°33	6°11	5°15	29°46	2°54	19°56	19°53	25°R12	23°24	0°46	n.a.	M18
T 19	21 7 29	14°49'34	11♑56	23°35	15°D33	6°53	5°12	29°53	2°58	19°57	19°51	25°11	23°20	0°53	n.a.	T 19
W20	21 11 26	15°48'34	26°43	25°15	15°35	7°36	5° 9	0♌ 0	3° 2	19°57	19°50	25° 8	23°17	1° 0	n.a.	W20
T 21	21 15 22	16°47'36	11♒50	26°55	15°39	8°18	5° 6	0° 7	3° 6	19°57	19°49	25° 2	23°14	1° 7	n.a.	T 21
F 22	21 19 19	17°46'40	27° 7	28°33	15°45	9° 1	5° 3	0°15	3° 9	19°57	19°48	24°55	23°11	1°13	n.a.	F 22
S 23	21 23 15	18°45'46	12♓23	0♍11	15°54	9°43	5° 0	0°22	3°13	19°58	19°47	24°47	23° 8	1°20	n.a.	S 23
S 24	21 27 12	19°44'54	27°27	1°48	16° 5	10°26	4°56	0°29	3°17	19°58	19°45	24°39	23° 5	1°27	n.a.	S 24
M25	21 31 9	20°44'05	12♈12	3°24	16°18	11° 9	4°52	0°36	3°20	19°58	19°44	24°32	23° 1	1°33	n.a.	M25
T 26	21 35 5	21°43'18	26°30	4°59	16°33	11°52	4°48	0°43	3°24	19°59	19°43	24°27	22°58	1°40	n.a.	T 26
W27	21 39 2	22°42'34	10♉20	6°34	16°50	12°35	4°44	0°51	3°28	19°59	19°42	24°24	22°55	1°47	n.a.	W27
T 28	21 42 58	23°41'52	23°42	8° 8	17° 9	13°18	4°40	0°58	3°31	20° 0	19°41	24°D24	22°52	1°54	n.a.	T 28
F 29	21 46 55	24°41'13	6♊40	9°40	17°30	14° 1	4°35	1° 5	3°35	20° 0	19°39	24°24	22°49	2° 0	n.a.	F 29
S 30	21 50 51	25°40'36	19°17	11°12	17°53	14°44	4°30	1°12	3°39	20° 1	19°38	24°R25	22°45	2° 7	n.a.	S 30
S 31	21 54 48	26♌40'02	1♋38	12♍44	18♋17	15♎28	4♈26	1♌19	3♌42	20♏ 1	19♒37	24♊25	22♊42	2♍14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 3	17n19	2s32	23n56	1n45	14n 2	8s10	2n 9	0s 7	0n47	1s34	22n11	1n14	20n44	0n40	16s35	1n29	30s46	16s46	23n46	23n42	16n24		n.a.
S 2	20 52	20 49	1 28	23 39	1 47	14 5	8 12	1 51	0 8	0 47	1 34	22 9	1 14	20 43	0 40	16 35	1 29	30 46	16 46	23 46	23 42	16 22		n.a.
S 3	20 40	23 15	0 21	23 19	1 48	14 8	8 14	1 34	0 9	0 47	1 34	22 8	1 14	20 42	0 40	16 35	1 29	30 47	16 46	23 46	23 42	16 20		n.a.
M 4	20 27	24 32	0n46	22 58	1 49	14 12	8 15	1 17	0 10	0 47	1 35	22 6	1 14	20 41	0 40	16 35	1 29	30 47	16 46	23 46	23 42	16 18		n.a.
T 5	20 14	24 36	1 51	22 35	1 48	14 16	8 15	0 59	0 11	0 47	1 35	22 5	1 14	20 40	0 40	16 35	1 29	30 48	16 47	23 46	23 42	16 16		n.a.
W 6	20 1	23 30	2 49	22 10	1 48	14 21	8 14	0 42	0 12	0 47	1 35	22 3	1 14	20 39	0 40	16 35	1 29	30 48	16 47	23 46	23 42	16 14		n.a.
T 7	19 47	21 20	3 39	21 43	1 46	14 26	8 12	0 24	0 13	0 46	1 35	22 2	1 14	20 39	0 40	16 35	1 29	30 49	16 47	23 46	23 41	16 12		n.a.
F 8	19 34	18 17	4 19	21 15	1 45	14 32	8 10	0 7	0 14	0 46	1 36	22 0	1 14	20 38	0 40	16 35	1 29	30 49	16 47	23 46	23 41	16 9		n.a.
S 9	19 19	14 30	4 48	20 45	1 42	14 38	8 7	0s11	0 15	0 45	1 36	21 59	1 14	20 37	0 40	16 35	1 29	30 50	16 47	23 45	23 41	16 7		n.a.
S 10	19 5	10 10	5 5	20 14	1 40	14 44	8 3	0 28	0 15	0 45	1 36	21 57	1 15	20 36	0 40	16 35	1 29	30 50	16 47	23 45	23 41	16 5		n.a.
M11	18 50	5 26	5 9	19 41	1 36	14 51	7 58	0 46	0 16	0 44	1 36	21 56	1 15	20 35	0 40	16 35	1 29	30 51	16 47	23 45	23 41	16 3		n.a.
T 12	18 35	0 29	4 59	19 8	1 33	14 58	7 53	1 4	0 17	0 43	1 37	21 54	1 15	20 34	0 40	16 35	1 29	30 51	16 47	23 45	23 41	16 1		n.a.
W13	18 19	4s34	4 35	18 33	1 29	15 5	7 48	1 21	0 18	0 43	1 37	21 53	1 15	20 33	0 40	16 35	1 29	30 52	16 47	23 45	23 41	15 59		n.a.
T 14	18 3	9 31	3 59	17 57	1 25	15 13	7 42	1 39	0 19	0 42	1 37	21 52	1 15	20 32	0 40	16 35	1 29	30 52	16 48	23 44	23 40	15 57		n.a.
F 15	17 47	14 13	3 10	17 21	1 20	15 21	7 35	1 57	0 20	0 41	1 37	21 50	1 15	20 32	0 40	16 35	1 29	30 53	16 48	23 44	23 40	15 55		n.a.
S 16	17 30	18 25	2 11	16 44	1 15	15 29	7 28	2 14	0 20	0 40	1 38	21 49	1 15	20 31	0 40	16 35	1 29	30 53	16 48	23 45	23 40	15 53		n.a.
S 17	17 14	21 48	1 2	16 6	1 10	15 37	7 21	2 32	0 21	0 39	1 38	21 47	1 15	20 30	0 40	16 36	1 29	30 54	16 48	23 45	23 40	15 50		n.a.
M18	16 57	24 1	0s13	15 27	1 5	15 45	7 13	2 50	0 22	0 37	1 38	21 46	1 15	20 29	0 40	16 36	1 28	30 54	16 48	23 45	23 40	15 48		n.a.
T 19	16 39	24 46	1 29	14 48	0 59	15 53	7 5	3 8	0 23	0 36	1 38	21 44	1 15	20 28	0 40	16 36	1 28	30 55	16 48	23 45	23 40	15 46		n.a.
W20	16 21	23 47	2 41	14 9	0 53	16 1	6 56	3 25	0 24	0 35	1 39	21 43	1 16	20 27	0 40	16 36	1 28	30 55	16 48	23 44	23 39	15 44		n.a.
T 21	16 4	21 6	3 44	13 29	0 47	16 9	6 48	3 43	0 24	0 33	1 39	21 41	1 16	20 26	0 40	16 36	1 28	30 56	16 48	23 44	23 39	15 42		n.a.
F 22	15 45	16 54	4 31	12 48	0 41	16 17	6 39	4 1	0 25	0 32	1 39	21 40	1 16	20 26	0 40	16 36	1 28	30 56	16 48	23 44	23 39	15 40		n.a.
S 23	15 27	11 36	4 58	12 8	0 35	16 25	6 30	4 19	0 26	0 30	1 39	21 38	1 16	20 25	0 40	16 36	1 28	30 56	16 48	23 44	23 39	15 38		n.a.
S 24	15 8	5 41	5 5	11 27	0 28	16 33	6 21	4 36	0 27	0 29	1 39	21 37	1 16	20 24	0 40	16 36	1 28	30 57	16 48	23 43	23 39	15 35		n.a.
M25	14 49	0n26	4 51	10 45	0 21	16 40	6 11	4 54	0 28	0 27	1 40	21 35	1 16	20 23	0 40	16 37	1 28	30 57	16 48	23 43	23 39	15 33		n.a.
T 26	14 30	6 22	4 19	10 4	0 15	16 48	6 2	5 12	0 28	0 25	1 40	21 34	1 16	20 22	0 40	16 37	1 28	30 58	16 48	23 43	23 38	15 31		n.a.
W27	14 10	11 47	3 33	9 22	0 8	16 55	5 52	5 30	0 29	0 23	1 40	21 32	1 16	20 21	0 40	16 37	1 28	30 58	16 48	23 43	23 38	15 29		n.a.
T 28	13 50	16 29	2 37	8 40	0 1	17 3	5 43	5 47	0 30	0 21	1 40	21 31	1 16	20 20	0 40	16 37	1 28	30 59	16 48	23 43	23 38	15 27		n.a.
F 29	13 30	20 15	1 33	7 59	0s 6	17 10	5 33	6 5	0 31	0 19	1 40	21 29	1 17	20 20	0 41	16 37	1 28	30 59	16 48	23 43	23 38	15 25		n.a.
S 30	13 10	22 56	0 27	7 17	0 13	17 16	5 24	6 23	0 31	0 17	1 41	21 28	1 17	20 19	0 41	16 38	1 28	30 59	16 48	23 43	23 38	15 22		n.a.
S 31	12n50	24n28	0n38	6n35	0s20	17n23	5s14	6s41	0s32	0n15	1s41	21n26	1n17	20n18	0n41	16s38	1n28	31s 0	16s48	23n43	23n38	15n20		n.a.

Julian Day Number = 1303424.5, Delta T = 07h48m14s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'20, Lahiri = -19°45'20 Julian Calendar 1 Aug. 1145 BCE == Greg. Calendar 21 July 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

SEPTEMBER 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 58 44	27♌39'30	13♋47	14♍14	18♋44	16♎11	4°R20	1♌26	3♌46	20♏ 2	19°R36	24°R23	22♊39	2♍20	n.a.	M 1
T 2	22 2 41	28°39'01	25°47	15°44	19°11	16°55	4♈15	1°33	3°49	20° 3	19♒35	24♊18	22°36	2°27	n.a.	T 2
W 3	22 6 38	29°38'34	7♌42	17°13	19°41	17°38	4°10	1°40	3°53	20° 3	19°34	24°11	22°33	2°34	n.a.	W 3
T 4	22 10 34	0♍38'09	19°35	18°41	20°12	18°22	4° 4	1°47	3°56	20° 4	19°32	24° 1	22°30	2°41	n.a.	T 4
F 5	22 14 31	1°37'46	1♍26	20° 8	20°45	19° 6	3°59	1°53	4° 0	20° 5	19°31	23°49	22°26	2°47	n.a.	F 5
S 6	22 18 27	2°37'25	13°18	21°35	21°19	19°49	3°53	2° 0	4° 3	20° 6	19°30	23°35	22°23	2°54	n.a.	S 6
S 7	22 22 24	3°37'07	25°11	23° 0	21°54	20°33	3°47	2° 7	4° 7	20° 6	19°29	23°22	22°20	3° 1	n.a.	S 7
M 8	22 26 20	4°36'50	7♎ 8	24°25	22°31	21°17	3°40	2°14	4°10	20° 7	19°28	23°10	22°17	3° 7	n.a.	M 8
T 9	22 30 17	5°36'36	19°11	25°49	23° 8	22° 1	3°34	2°20	4°13	20° 8	19°27	22°59	22°14	3°14	n.a.	T 9
W10	22 34 13	6°36'23	1♏20	27°12	23°48	22°45	3°28	2°27	4°17	20° 9	19°25	22°52	22°11	3°21	n.a.	W10
T 11	22 38 10	7°36'13	13°41	28°34	24°28	23°30	3°21	2°34	4°20	20°10	19°24	22°47	22° 7	3°28	n.a.	T 11
F 12	22 42 6	8°36'04	26°16	29°55	25° 9	24°14	3°14	2°40	4°23	20°11	19°23	22°44	22° 4	3°34	n.a.	F 12
S 13	22 46 3	9°35'57	9♐10	1♎15	25°52	24°58	3° 7	2°47	4°27	20°12	19°22	22°D44	22° 1	3°41	n.a.	S 13
S 14	22 50 0	10°35'52	22°27	2°34	26°36	25°43	3° 1	2°53	4°30	20°13	19°21	22°R44	21°58	3°48	n.a.	S 14
M15	22 53 56	11°35'49	6♑ 9	3°51	27°20	26°27	2°53	3° 0	4°33	20°14	19°20	22°43	21°55	3°54	n.a.	M15
T 16	22 57 53	12°35'48	20°20	5° 7	28° 6	27°12	2°46	3° 6	4°36	20°15	19°19	22°41	21°51	4° 1	n.a.	T 16
W17	23 1 49	13°35'48	4♒57	6°22	28°52	27°56	2°39	3°12	4°40	20°16	19°18	22°36	21°48	4° 8	n.a.	W17
T 18	23 5 46	14°35'50	19°58	7°35	29°40	28°41	2°32	3°18	4°43	20°18	19°17	22°29	21°45	4°15	n.a.	T 18
F 19	23 9 42	15°35'55	5♓14	8°47	0♌28	29°25	2°24	3°25	4°46	20°19	19°16	22°19	21°42	4°21	n.a.	F 19
S 20	23 13 39	16°36'00	20°34	9°56	1°17	0♏10	2°17	3°31	4°49	20°20	19°14	22° 7	21°39	4°28	n.a.	S 20
S 21	23 17 35	17°36'08	5♈48	11° 4	2° 8	0°55	2° 9	3°37	4°52	20°21	19°13	21°56	21°36	4°35	n.a.	S 21
M22	23 21 32	18°36'18	20°43	12° 9	2°58	1°40	2° 1	3°43	4°55	20°23	19°12	21°46	21°32	4°41	n.a.	M22
T 23	23 25 28	19°36'30	5♉13	13°12	3°50	2°25	1°53	3°49	4°58	20°24	19°11	21°38	21°29	4°48	n.a.	T 23
W24	23 29 25	20°36'45	19°13	14°11	4°42	3°10	1°46	3°55	5° 1	20°25	19°10	21°33	21°26	4°55	n.a.	W24
T 25	23 33 22	21°37'01	2♊43	15° 8	5°36	3°55	1°38	4° 1	5° 4	20°27	19° 9	21°31	21°23	5° 2	n.a.	T 25
F 26	23 37 18	22°37'20	15°45	16° 1	6°29	4°40	1°30	4° 6	5° 7	20°28	19° 8	21°30	21°20	5° 8	n.a.	F 26
S 27	23 41 15	23°37'41	28°23	16°51	7°24	5°25	1°22	4°12	5°10	20°29	19° 7	21°30	21°16	5°15	n.a.	S 27
S 28	23 45 11	24°38'04	10♋41	17°36	8°19	6°10	1°14	4°18	5°12	20°31	19° 7	21°29	21°13	5°22	n.a.	S 28
M29	23 49 8	25°38'30	22°47	18°16	9°15	6°56	1° 5	4°23	5°15	20°32	19° 6	21°27	21°10	5°28	n.a.	M29
T 30	23 53 4	26♍38'57	4♌43	18♎50	10♌11	7♏41	0♈57	4♌29	5♌18	20♏34	19♒ 5	21♊22	21♊ 7	5♍35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n29	24n47	1n41	5n53	0s27	17n29	5s 4	6s58	0s33	0n13	1s41	21n25	1n17	20n17	0n41	16s38	1n28	31s 0	16s48	23n43	23n37	15n18		n.a.
T 2	12 8	23 56	2 39	5 11	0 34	17 34	4 54	7 16	0 34	0 11	1 41	21 24	1 17	20 16	0 41	16 38	1 28	31 0	16 48	23 42	23 37	15 16		n.a.
W 3	11 47	22 0	3 29	4 30	0 42	17 40	4 45	7 34	0 34	0 8	1 41	21 22	1 17	20 15	0 41	16 39	1 28	31 1	16 48	23 42	23 37	15 14		n.a.
T 4	11 26	19 7	4 9	3 48	0 49	17 45	4 35	7 51	0 35	0 6	1 41	21 21	1 17	20 15	0 41	16 39	1 27	31 1	16 48	23 42	23 37	15 11		n.a.
F 5	11 4	15 28	4 39	3 7	0 56	17 50	4 26	8 9	0 36	0 3	1 41	21 19	1 17	20 14	0 41	16 39	1 27	31 1	16 48	23 41	23 37	15 9		n.a.
S 6	10 42	11 13	4 56	2 26	1 3	17 54	4 16	8 26	0 36	0 1	1 42	21 18	1 18	20 13	0 41	16 39	1 27	31 2	16 48	23 40	23 37	15 7		n.a.
S 7	10 21	6 32	5 1	1 45	1 10	17 58	4 7	8 44	0 37	0s 2	1 42	21 16	1 18	20 12	0 41	16 40	1 27	31 2	16 47	23 40	23 36	15 5		n.a.
M 8	9 59	1 35	4 52	1 5	1 17	18 1	3 57	9 1	0 38	0 4	1 42	21 15	1 18	20 11	0 41	16 40	1 27	31 2	16 47	23 39	23 36	15 3		n.a.
T 9	9 36	3s28	4 31	0 25	1 24	18 4	3 48	9 18	0 38	0 7	1 42	21 14	1 18	20 11	0 41	16 40	1 27	31 3	16 47	23 39	23 36	15 0		n.a.
W10	9 14	8 26	3 57	0s15	1 31	18 7	3 39	9 36	0 39	0 10	1 42	21 12	1 18	20 10	0 41	16 40	1 27	31 3	16 47	23 38	23 36	14 58		n.a.
T 11	8 51	13 10	3 11	0 54	1 38	18 9	3 29	9 53	0 40	0 12	1 42	21 11	1 18	20 9	0 41	16 41	1 27	31 3	16 47	23 38	23 36	14 56		n.a.
F 12	8 29	17 27	2 15	1 33	1 44	18 10	3 20	10 10	0 40	0 15	1 42	21 9	1 18	20 8	0 41	16 41	1 27	31 4	16 47	23 38	23 35	14 54		n.a.
S 13	8 6	21 1	1 11	2 11	1 51	18 11	3 11	10 27	0 41	0 18	1 42	21 8	1 19	20 7	0 41	16 41	1 27	31 4	16 47	23 38	23 35	14 51		n.a.
S 14	7 43	23 35	0 2	2 49	1 57	18 12	3 2	10 44	0 42	0 21	1 43	21 7	1 19	20 7	0 41	16 42	1 27	31 4	16 47	23 38	23 35	14 49		n.a.
M15	7 20	24 51	1s10	3 26	2 3	18 12	2 53	11 1	0 42	0 24	1 43	21 5	1 19	20 6	0 41	16 42	1 27	31 4	16 47	23 38	23 35	14 47		n.a.
T 16	6 56	24 35	2 20	4 2	2 9	18 12	2 45	11 18	0 43	0 27	1 43	21 4	1 19	20 5	0 41	16 42	1 27	31 5	16 46	23 38	23 35	14 45		n.a.
W17	6 33	22 37	3 23	4 38	2 15	18 11	2 36	11 35	0 44	0 30	1 43	21 3	1 19	20 4	0 41	16 43	1 27	31 5	16 46	23 37	23 34	14 42		n.a.
T 18	6 10	19 4	4 14	5 12	2 21	18 9	2 27	11 52	0 44	0 33	1 43	21 1	1 19	20 4	0 41	16 43	1 27	31 5	16 46	23 37	23 34	14 40		n.a.
F 19	5 46	14 11	4 47	5 46	2 26	18 7	2 19	12 9	0 45	0 36	1 43	21 0	1 20	20 3	0 41	16 44	1 27	31 5	16 46	23 36	23 34	14 38		n.a.
S 20	5 22	8 22	5 0	6 18	2 31	18 4	2 11	12 25	0 45	0 39	1 43	20 59	1 20	20 2	0 41	16 44	1 27	31 6	16 46	23 36	23 34	14 35		n.a.
S 21	4 59	2 7	4 51	6 49	2 35	18 1	2 3	12 42	0 46	0 42	1 43	20 57	1 20	20 1	0 41	16 44	1 27	31 6	16 46	23 35	23 34	14 33		n.a.
M22	4 35	4n10	4 23	7 19	2 40	17 58	1 54	12 58	0 47	0 45	1 43	20 56	1 20	20 1	0 41	16 45	1 26	31 6	16 46	23 34	23 33	14 31		n.a.
T 23	4 11	10 3	3 38	7 47	2 43	17 53	1 46	13 15	0 47	0 48	1 43	20 55	1 20	20 0	0 41	16 45	1 26	31 6	16 45	23 34	23 33	14 29		n.a.
W24	3 47	15 14	2 42	8 14	2 47	17 48	1 39	13 31	0 48	0 52	1 43	20 54	1 20	19 59	0 41	16 45	1 26	31 6	16 45	23 33	23 33	14 26		n.a.
T 25	3 23	19 27	1 38	8 39	2 49	17 43	1 31	13 47	0 48	0 55	1 43	20 52	1 21	19 59	0 41	16 46	1 26	31 6	16 45	23 33	23 33	14 24		n.a.
F 26	2 58	22 33	0 30	9 2	2 52	17 37	1 23	14 3	0 49	0 58	1 43	20 51	1 21	19 58	0 41	16 46	1 26	31 7	16 45	23 33	23 33	14 22		n.a.
S 27	2 34	24 26	0n36	9 23	2 53	17 30	1 16	14 19	0 50	1 1	1 43	20 50	1 21	19 57	0 41	16 47	1 26	31 7	16 45	23 33	23 32	14 19		n.a.
S 28	2 10	25 3	1 40	9 41	2 54	17 23	1 8	14 35	0 50	1 4	1 43	20 49	1 21	19 57	0 41	16 47	1 26	31 7	16 44	23 33	23 32	14 17		n.a.
M29	1 46	24 27	2 37	9 57	2 54	17 15	1 1	14 51	0 51	1 8	1 43	20 47	1 21	19 56	0 41	16 48	1 26	31 7	16 44	23 33	23 32	14 15		n.a.
T 30	1n21	22n44	3n27	10s 9	2s53	17n 7	0s54	15s 6	0s51	1s11	1s43	20n46	1n21	19n55	0n41	16s48	1n26	31s 7	16s44	23n33	23n32	14n12		n.a.

Julian Day Number = 1303455.5, Delta T = 07h48m12s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'16, Lahiri = -19°45'16 Julian Calendar 1 Sept. 1145 BCE == Greg. Calendar 21 Aug. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

OCTOBER 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 57 1	27♍39'26	16♌34	19♎19	11♌ 8	8♏27	0°R49	4♌34	5♌20	20♏35	19°R 4	21°R14	21♊ 4	5♍42	n.a.	W 1
T 2	0 0 57	28°39'57	28°24	19°40	12° 5	9°12	0♈41	4°40	5°23	20°37	19♒ 3	21♊ 3	21° 1	5°49	n.a.	T 2
F 3	0 4 54	29°40'30	10♍16	19°55	13° 3	9°58	0°33	4°45	5°26	20°38	19° 2	20°50	20°57	5°55	n.a.	F 3
S 4	0 8 51	0♎41'05	22°11	20°R 1	14° 2	10°43	0°25	4°50	5°28	20°40	19° 1	20°36	20°54	6° 2	n.a.	S 4
S 5	0 12 47	1°41'42	4♎10	19°58	15° 1	11°29	0°16	4°56	5°31	20°42	19° 0	20°21	20°51	6° 9	n.a.	S 5
M 6	0 16 44	2°42'20	16°16	19°46	16° 1	12°15	0° 8	5° 1	5°33	20°43	18°59	20° 7	20°48	6°15	n.a.	M 6
T 7	0 20 40	3°43'00	28°28	19°24	17° 1	13° 0	0° 0	5° 6	5°36	20°45	18°59	19°56	20°45	6°22	n.a.	T 7
W 8	0 24 37	4°43'41	10♏48	18°52	18° 1	13°46	29♓52	5°11	5°38	20°47	18°58	19°47	20°42	6°29	n.a.	W 8
T 9	0 28 33	5°44'24	23°17	18°10	19° 2	14°32	29°44	5°16	5°40	20°48	18°57	19°41	20°38	6°36	n.a.	T 9
F 10	0 32 30	6°45'08	5♐59	17°17	20° 3	15°18	29°36	5°20	5°43	20°50	18°56	19°38	20°35	6°42	n.a.	F 10
S 11	0 36 26	7°45'54	18°55	16°16	21° 5	16° 4	29°28	5°25	5°45	20°52	18°56	19°D38	20°32	6°49	n.a.	S 11
S 12	0 40 23	8°46'41	2♑ 9	15° 6	22° 7	16°50	29°20	5°30	5°47	20°54	18°55	19°R38	20°29	6°56	n.a.	S 12
M13	0 44 20	9°47'29	15°43	13°50	23° 9	17°36	29°12	5°34	5°49	20°55	18°54	19°38	20°26	7° 3	n.a.	M13
T 14	0 48 16	10°48'18	29°40	12°30	24°12	18°22	29° 4	5°39	5°52	20°57	18°54	19°36	20°22	7° 9	n.a.	T 14
W15	0 52 13	11°49'08	14♒ 0	11° 8	25°16	19° 8	28°56	5°43	5°54	20°59	18°53	19°33	20°19	7°16	n.a.	W15
T 16	0 56 9	12°49'59	28°42	9°47	26°19	19°54	28°48	5°47	5°56	21° 1	18°52	19°26	20°16	7°23	n.a.	T 16
F 17	1 0 6	13°50'52	13♓39	8°31	27°23	20°41	28°41	5°52	5°58	21° 3	18°52	19°18	20°13	7°29	n.a.	F 17
S 18	1 4 2	14°51'45	28°44	7°20	28°27	21°27	28°33	5°56	6° 0	21° 5	18°51	19° 8	20°10	7°36	n.a.	S 18
S 19	1 7 59	15°52'40	13♈48	6°18	29°32	22°13	28°26	6° 0	6° 1	21° 7	18°50	18°57	20° 7	7°43	n.a.	S 19
M20	1 11 55	16°53'36	28°39	5°26	0♍37	23° 0	28°18	6° 4	6° 3	21° 9	18°50	18°48	20° 3	7°50	n.a.	M20
T 21	1 15 52	17°54'33	13♉10	4°45	1°42	23°46	28°11	6° 8	6° 5	21°11	18°49	18°41	20° 0	7°56	n.a.	T 21
W22	1 19 49	18°55'32	27°15	4°16	2°47	24°32	28° 4	6°12	6° 7	21°13	18°49	18°37	19°57	8° 3	n.a.	W22
T 23	1 23 45	19°56'32	10♊52	3°58	3°53	25°19	27°57	6°15	6° 8	21°15	18°48	18°35	19°54	8°10	n.a.	T 23
F 24	1 27 42	20°57'33	24° 0	3°D51	4°59	26° 5	27°50	6°19	6°10	21°17	18°48	18°D35	19°51	8°16	n.a.	F 24
S 25	1 31 38	21°58'36	6♋44	3°56	6° 6	26°52	27°43	6°22	6°12	21°19	18°47	18°35	19°47	8°23	n.a.	S 25
S 26	1 35 35	22°59'40	19° 7	4°10	7°12	27°38	27°36	6°26	6°13	21°21	18°47	18°R36	19°44	8°30	n.a.	S 26
M27	1 39 31	24° 0'46	1♌14	4°33	8°19	28°25	27°30	6°29	6°15	21°23	18°47	18°36	19°41	8°37	n.a.	M27
T 28	1 43 28	25° 1'52	13°11	5° 5	9°26	29°12	27°23	6°32	6°16	21°25	18°46	18°34	19°38	8°43	n.a.	T 28
W29	1 47 24	26° 3'00	25° 3	5°44	10°33	29°58	27°17	6°36	6°17	21°27	18°46	18°30	19°35	8°50	n.a.	W29
T 30	1 51 21	27° 4'09	6♍53	6°30	11°41	0♐45	27°11	6°39	6°19	21°29	18°46	18°23	19°32	8°57	n.a.	T 30
F 31	1 55 18	28♎ 5'19	18♍46	7♎21	12♍49	1♐32	27♓ 5	6♌42	6♌20	21♏31	18♒45	18♊15	19♊28	9♍ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	0n57	20n 3	4n 7	10s18	2s51	16n58	0s47	15s22	0s52	1s14	1s43	20n45	1n22	19n55	0n41	16s49	1n26	31s 7	16s44	23n32	23n31	14n10			n.a.
T 2	0 32	16 32	4 37	10 24	2 48	16 49	0 40	15 37	0 52	1 18	1 43	20 44	1 22	19 54	0 41	16 49	1 26	31 7	16 43	23 31	23 31	14 8			n.a.
F 3	0 8	12 22	4 55	10 26	2 44	16 38	0 33	15 52	0 53	1 21	1 43	20 43	1 22	19 54	0 41	16 49	1 26	31 7	16 43	23 31	23 31	14 5			n.a.
S 4	0s17	7 43	4 59	10 23	2 38	16 28	0 27	16 7	0 53	1 24	1 43	20 42	1 22	19 53	0 41	16 50	1 26	31 7	16 43	23 30	23 31	14 3			n.a.
S 5	0 41	2 45	4 51	10 15	2 31	16 17	0 20	16 22	0 54	1 27	1 43	20 41	1 22	19 52	0 42	16 50	1 26	31 8	16 43	23 28	23 31	14 1			n.a.
M 6	1 6	2s21	4 30	10 2	2 22	16 5	0 14	16 37	0 54	1 30	1 43	20 40	1 23	19 52	0 42	16 51	1 26	31 8	16 43	23 27	23 30	13 58			n.a.
T 7	1 30	7 26	3 55	9 44	2 12	15 52	0 7	16 52	0 55	1 34	1 42	20 38	1 23	19 51	0 42	16 51	1 26	31 8	16 42	23 27	23 30	13 56			n.a.
W 8	1 54	12 18	3 10	9 21	1 59	15 40	0 1	17 6	0 55	1 37	1 42	20 37	1 23	19 51	0 42	16 52	1 26	31 8	16 42	23 26	23 30	13 54			n.a.
T 9	2 19	16 44	2 15	8 51	1 46	15 26	0n 5	17 21	0 56	1 40	1 42	20 36	1 23	19 50	0 42	16 52	1 26	31 8	16 42	23 25	23 30	13 51			n.a.
F 10	2 43	20 29	1 12	8 17	1 30	15 12	0 10	17 35	0 56	1 43	1 42	20 35	1 23	19 49	0 42	16 53	1 26	31 8	16 41	23 25	23 29	13 49			n.a.
S 11	3 8	23 18	0 4	7 37	1 13	14 58	0 16	17 49	0 57	1 46	1 42	20 34	1 24	19 49	0 42	16 53	1 26	31 8	16 41	23 25	23 29	13 47			n.a.
S 12	3 32	24 55	1s 6	6 52	0 54	14 42	0 22	18 3	0 57	1 49	1 42	20 33	1 24	19 48	0 42	16 54	1 26	31 8	16 41	23 25	23 29	13 44			n.a.
M13	3 56	25 6	2 14	6 4	0 34	14 27	0 27	18 17	0 58	1 53	1 42	20 32	1 24	19 48	0 42	16 54	1 26	31 8	16 41	23 25	23 29	13 42			n.a.
T 14	4 21	23 44	3 16	5 13	0 14	14 11	0 32	18 30	0 58	1 56	1 42	20 32	1 24	19 47	0 42	16 55	1 25	31 8	16 40	23 25	23 29	13 40			n.a.
W15	4 45	20 50	4 7	4 22	0n 7	13 54	0 38	18 44	0 58	1 59	1 41	20 31	1 24	19 47	0 42	16 55	1 25	31 8	16 40	23 25	23 28	13 37			n.a.
T 16	5 9	16 32	4 43	3 31	0 28	13 37	0 43	18 57	0 59	2 2	1 41	20 30	1 25	19 46	0 42	16 56	1 25	31 8	16 40	23 24	23 28	13 35			n.a.
F 17	5 33	11 9	5 1	2 42	0 47	13 19	0 48	19 10	0 59	2 4	1 41	20 29	1 25	19 46	0 42	16 57	1 25	31 7	16 40	23 24	23 28	13 32			n.a.
S 18	5 57	5 4	4 59	1 57	1 6	13 1	0 52	19 23	1 0	2 7	1 41	20 28	1 25	19 46	0 42	16 57	1 25	31 7	16 39	23 23	23 28	13 30			n.a.
S 19	6 21	1n19	4 35	1 17	1 23	12 43	0 57	19 35	1 0	2 10	1 41	20 27	1 25	19 45	0 42	16 58	1 25	31 7	16 39	23 22	23 27	13 28			n.a.
M20	6 45	7 33	3 53	0 42	1 38	12 24	1 2	19 48	1 0	2 13	1 41	20 26	1 25	19 45	0 42	16 58	1 25	31 7	16 39	23 21	23 27	13 25			n.a.
T 21	7 8	13 14	2 57	0 13	1 52	12 4	1 6	20 0	1 1	2 16	1 40	20 26	1 26	19 44	0 42	16 59	1 25	31 7	16 38	23 20	23 27	13 23			n.a.
W22	7 32	18 4	1 51	0n 9	2 3	11 44	1 10	20 12	1 1	2 18	1 40	20 25	1 26	19 44	0 42	16 59	1 25	31 7	16 38	23 20	23 27	13 20			n.a.
T 23	7 55	21 46	0 41	0 25	2 12	11 24	1 14	20 24	1 2	2 21	1 40	20 24	1 26	19 44	0 42	17 0	1 25	31 7	16 38	23 20	23 26	13 18			n.a.
F 24	8 19	24 11	0n29	0 34	2 20	11 3	1 18	20 36	1 2	2 24	1 40	20 23	1 26	19 43	0 42	17 0	1 25	31 7	16 37	23 20	23 26	13 16			n.a.
S 25	8 42	25 15	1 36	0 38	2 25	10 41	1 22	20 47	1 2	2 26	1 39	20 23	1 26	19 43	0 42	17 1	1 25	31 7	16 37	23 20	23 26	13 13			n.a.
S 26	9 5	25 1	2 36	0 36	2 30	10 20	1 26	20 58	1 3	2 29	1 39	20 22	1 27	19 42	0 42	17 2	1 25	31 6	16 37	23 20	23 26	13 11			n.a.
M27	9 28	23 35	3 28	0 29	2 32	9 58	1 29	21 9	1 3	2 31	1 39	20 21	1 27	19 42	0 42	17 2	1 25	31 6	16 36	23 20	23 25	13 8			n.a.
T 28	9 51	21 7	4 10	0 17	2 33	9 35	1 33	21 20	1 3	2 34	1 39	20 21	1 27	19 42	0 42	17 3	1 25	31 6	16 36	23 20	23 25	13 6			n.a.
W29	10 13	17 47	4 41	0 2	2 33	9 12	1 36	21 31	1 4	2 36	1 38	20 20	1 27	19 42	0 43	17 3	1 25	31 6	16 36	23 19	23 25	13 3			n.a.
T 30	10 36	13 45	5 0	0s18	2 32	8 49	1 39	21 41	1 4	2 38	1 38	20 20	1 28	19 41	0 43	17 4	1 25	31 6	16 35	23 19	23 25	13 1			n.a.
F 31	10s58	9n11	5n 6	0s40	2n30	8n26	1n42	21s51	1s 4	2s40	1s38	20n19	1n28	19n41	0n43	17s 4	1n25	31s 5	16s35	23n18	23n24	12n59			n.a.

Julian Day Number = 1303485.5, Delta T = 07h48m11s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'12, Lahiri = -19°45'12 Julian Calendar 1 Oct. 1145 BCE == Greg. Calendar 20 Sept. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

NOVEMBER 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 59 14	29♎ 6'30	0♎45	8♎18	13♍57	2♐19	26°R59	6♌44	6♌21	21♏33	18°R45	18°R 5	19♊25	9♍10	n.a.	S 1
S 2	2 3 11	0♏ 7'42	12°52	9°19	15° 5	3° 5	26♓53	6°47	6°22	21°35	18♒45	17♊55	19°22	9°17	n.a.	S 2
M 3	2 7 7	1° 8'54	25° 9	10°24	16°13	3°52	26°48	6°50	6°23	21°37	18°44	17°46	19°19	9°24	n.a.	M 3
T 4	2 11 4	2°10'08	7♏35	11°32	17°22	4°39	26°43	6°52	6°24	21°40	18°44	17°38	19°16	9°30	n.a.	T 4
W 5	2 15 0	3°11'22	20°11	12°43	18°31	5°26	26°37	6°55	6°25	21°42	18°44	17°32	19°13	9°37	n.a.	W 5
T 6	2 18 57	4°12'37	2♐59	13°57	19°40	6°13	26°32	6°57	6°26	21°44	18°44	17°29	19° 9	9°44	n.a.	T 6
F 7	2 22 53	5°13'52	15°58	15°13	20°49	7° 0	26°28	6°59	6°27	21°46	18°44	17°D28	19° 6	9°51	n.a.	F 7
S 8	2 26 50	6°15'07	29° 9	16°31	21°58	7°47	26°23	7° 1	6°28	21°48	18°44	17°28	19° 3	9°57	n.a.	S 8
S 9	2 30 47	7°16'23	12♑32	17°51	23° 7	8°34	26°18	7° 3	6°29	21°51	18°43	17°30	19° 0	10° 4	n.a.	S 9
M10	2 34 43	8°17'40	26°10	19°12	24°17	9°21	26°14	7° 5	6°29	21°53	18°43	17°31	18°57	10°11	n.a.	M10
T 11	2 38 40	9°18'56	10♒ 3	20°34	25°27	10° 8	26°10	7° 7	6°30	21°55	18°43	17°R32	18°53	10°17	n.a.	T 11
W12	2 42 36	10°20'12	24°11	21°58	26°37	10°55	26° 6	7° 9	6°31	21°57	18°43	17°31	18°50	10°24	n.a.	W12
T 13	2 46 33	11°21'28	8♓32	23°23	27°47	11°42	26° 2	7°11	6°31	21°59	18°D43	17°28	18°47	10°31	n.a.	T 13
F 14	2 50 29	12°22'45	23° 4	24°48	28°57	12°29	25°59	7°12	6°32	22° 2	18°43	17°24	18°44	10°38	n.a.	F 14
S 15	2 54 26	13°24'01	7♈41	26°14	0♎ 7	13°16	25°55	7°13	6°32	22° 4	18°43	17°19	18°41	10°44	n.a.	S 15
S 16	2 58 22	14°25'17	22°18	27°41	1°18	14° 3	25°52	7°15	6°32	22° 6	18°43	17°14	18°38	10°51	n.a.	S 16
M17	3 2 19	15°26'34	6♉48	29° 9	2°28	14°50	25°49	7°16	6°33	22° 8	18°43	17° 9	18°34	10°58	n.a.	M17
T 18	3 6 16	16°27'50	21° 3	0♏37	3°39	15°38	25°47	7°17	6°33	22°11	18°44	17° 5	18°31	11° 5	n.a.	T 18
W19	3 10 12	17°29'07	4♊59	2° 5	4°50	16°25	25°44	7°18	6°33	22°13	18°44	17° 3	18°28	11°11	n.a.	W19
T 20	3 14 9	18°30'24	18°33	3°34	6° 1	17°12	25°42	7°19	6°33	22°15	18°44	17°D 3	18°25	11°18	n.a.	T 20
F 21	3 18 5	19°31'41	1♋43	5° 4	7°12	17°59	25°40	7°19	6°33	22°18	18°44	17° 4	18°22	11°25	n.a.	F 21
S 22	3 22 2	20°32'58	14°31	6°34	8°23	18°46	25°38	7°20	6°R33	22°20	18°44	17° 5	18°19	11°31	n.a.	S 22
S 23	3 25 58	21°34'16	26°58	8° 4	9°34	19°33	25°36	7°21	6°33	22°22	18°44	17° 7	18°15	11°38	n.a.	S 23
M24	3 29 55	22°35'34	9♌10	9°35	10°46	20°21	25°34	7°21	6°33	22°24	18°45	17° 8	18°12	11°45	n.a.	M24
T 25	3 33 52	23°36'51	21°10	11° 6	11°57	21° 8	25°33	7°21	6°33	22°27	18°45	17°R 9	18° 9	11°52	n.a.	T 25
W26	3 37 48	24°38'09	3♍ 4	12°38	13° 9	21°55	25°32	7°22	6°33	22°29	18°45	17° 9	18° 6	11°58	n.a.	W26
T 27	3 41 45	25°39'27	14°56	14°10	14°20	22°42	25°31	7°R22	6°33	22°31	18°46	17° 7	18° 3	12° 5	n.a.	T 27
F 28	3 45 41	26°40'45	26°50	15°42	15°32	23°30	25°30	7°22	6°32	22°33	18°46	17° 5	17°59	12°12	n.a.	F 28
S 29	3 49 38	27°42'03	8♎52	17°14	16°44	24°17	25°30	7°21	6°32	22°36	18°46	17° 2	17°56	12°18	n.a.	S 29
S 30	3 53 34	28♏43'20	21♎ 4	18♏48	17♎56	25♐ 4	25♓30	7♌21	6♌32	22♏38	18♒47	16♊59	17♊53	12♍25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s20	4n15	4n59	1s 5	2n28	8n 2	1n45	22s 1	1s 4	2s42	1s38	20n19	1n28	19n41	0n43	17s 5	1n25	31s 5	16s35	23n17	23n24	12n56		n.a.
S 2	11 42	0s54	4 38	1 33	2 24	7 37	1 48	22 11	1 5	2 44	1 37	20 18	1 28	19 40	0 43	17 6	1 25	31 5	16 34	23 16	23 24	12 54		n.a.
M 3	12 4	6 6	4 4	2 2	2 20	7 13	1 51	22 20	1 5	2 46	1 37	20 18	1 29	19 40	0 43	17 6	1 25	31 5	16 34	23 15	23 24	12 51		n.a.
T 4	12 25	11 9	3 18	2 34	2 15	6 48	1 53	22 29	1 5	2 48	1 37	20 17	1 29	19 40	0 43	17 7	1 25	31 5	16 34	23 15	23 23	12 49		n.a.
W 5	12 47	15 48	2 22	3 7	2 10	6 23	1 55	22 38	1 6	2 50	1 37	20 17	1 29	19 40	0 43	17 7	1 25	31 4	16 33	23 14	23 23	12 46		n.a.
T 6	13 8	19 50	1 18	3 41	2 5	5 57	1 58	22 47	1 6	2 52	1 36	20 16	1 29	19 40	0 43	17 8	1 25	31 4	16 33	23 14	23 23	12 44		n.a.
F 7	13 29	22 57	0 8	4 16	1 59	5 32	2 0	22 55	1 6	2 54	1 36	20 16	1 29	19 39	0 43	17 9	1 25	31 4	16 33	23 14	23 23	12 41		n.a.
S 8	13 49	24 53	1s 3	4 52	1 53	5 6	2 2	23 3	1 6	2 55	1 36	20 16	1 30	19 39	0 43	17 9	1 25	31 3	16 32	23 14	23 22	12 39		n.a.
S 9	14 10	25 25	2 12	5 29	1 47	4 40	2 4	23 11	1 7	2 57	1 35	20 16	1 30	19 39	0 43	17 10	1 25	31 3	16 32	23 14	23 22	12 36		n.a.
M10	14 30	24 27	3 15	6 6	1 40	4 13	2 5	23 19	1 7	2 58	1 35	20 15	1 30	19 39	0 43	17 10	1 25	31 3	16 32	23 14	23 22	12 34		n.a.
T 11	14 50	21 58	4 7	6 44	1 33	3 47	2 7	23 26	1 7	3 0	1 35	20 15	1 30	19 39	0 43	17 11	1 25	31 3	16 31	23 14	23 21	12 31		n.a.
W12	15 10	18 9	4 46	7 22	1 26	3 20	2 9	23 33	1 7	3 1	1 34	20 15	1 31	19 39	0 43	17 12	1 25	31 2	16 31	23 14	23 21	12 29		n.a.
T 13	15 29	13 14	5 7	8 0	1 19	2 53	2 10	23 40	1 7	3 2	1 34	20 15	1 31	19 39	0 43	17 12	1 25	31 2	16 31	23 14	23 21	12 26		n.a.
F 14	15 48	7 31	5 9	8 38	1 12	2 25	2 11	23 47	1 8	3 3	1 34	20 14	1 31	19 39	0 43	17 13	1 25	31 2	16 30	23 13	23 21	12 24		n.a.
S 15	16 7	1 21	4 52	9 17	1 5	1 58	2 12	23 53	1 8	3 4	1 33	20 14	1 31	19 39	0 43	17 13	1 25	31 1	16 30	23 13	23 20	12 21		n.a.
S 16	16 26	4n53	4 15	9 55	0 58	1 31	2 13	23 59	1 8	3 5	1 33	20 14	1 32	19 38	0 43	17 14	1 25	31 1	16 29	23 12	23 20	12 19		n.a.
M17	16 44	10 50	3 22	10 34	0 51	1 3	2 14	24 5	1 8	3 6	1 33	20 14	1 32	19 38	0 43	17 15	1 25	31 0	16 29	23 12	23 20	12 16		n.a.
T 18	17 2	16 7	2 17	11 12	0 43	0 35	2 15	24 10	1 8	3 7	1 32	20 14	1 32	19 38	0 43	17 15	1 25	31 0	16 29	23 12	23 20	12 14		n.a.
W19	17 20	20 24	1 6	11 50	0 36	0 7	2 16	24 16	1 9	3 8	1 32	20 14	1 32	19 38	0 43	17 16	1 25	31 0	16 28	23 11	23 19	12 11		n.a.
T 20	17 37	23 28	0n 8	12 27	0 29	0s21	2 16	24 21	1 9	3 8	1 32	20 14	1 33	19 38	0 43	17 16	1 25	30 59	16 28	23 11	23 19	12 9		n.a.
F 21	17 54	25 9	1 20	13 5	0 22	0 49	2 17	24 25	1 9	3 9	1 31	20 14	1 33	19 38	0 44	17 17	1 25	30 59	16 28	23 11	23 19	12 6		n.a.
S 22	18 11	25 26	2 25	13 42	0 15	1 17	2 17	24 30	1 9	3 9	1 31	20 14	1 33	19 38	0 44	17 18	1 25	30 59	16 27	23 12	23 18	12 4		n.a.
S 23	18 27	24 24	3 22	14 18	0 8	1 45	2 17	24 34	1 9	3 10	1 31	20 14	1 33	19 39	0 44	17 18	1 24	30 58	16 27	23 12	23 18	12 1		n.a.
M24	18 43	22 14	4 8	14 54	0 1	2 14	2 17	24 37	1 9	3 10	1 30	20 14	1 34	19 39	0 44	17 19	1 24	30 58	16 27	23 12	23 18	11 59		n.a.
T 25	18 59	19 8	4 43	15 30	0s 6	2 42	2 17	24 41	1 9	3 10	1 30	20 15	1 34	19 39	0 44	17 19	1 24	30 57	16 26	23 12	23 18	11 56		n.a.
W26	19 14	15 16	5 5	16 5	0 13	3 10	2 17	24 44	1 9	3 10	1 30	20 15	1 34	19 39	0 44	17 20	1 24	30 57	16 26	23 12	23 17	11 54		n.a.
T 27	19 29	10 51	5 14	16 40	0 20	3 39	2 17	24 47	1 9	3 10	1 29	20 15	1 34	19 39	0 44	17 20	1 24	30 56	16 26	23 12	23 17	11 51		n.a.
F 28	19 44	6 0	5 10	17 13	0 26	4 7	2 17	24 50	1 10	3 10	1 29	20 15	1 35	19 39	0 44	17 21	1 24	30 56	16 25	23 12	23 17	11 49		n.a.
S 29	19 58	0 54	4 52	17 47	0 33	4 35	2 16	24 52	1 10	3 10	1 29	20 15	1 35	19 39	0 44	17 22	1 24	30 55	16 25	23 11	23 16	11 46		n.a.
S 30	20s12	4s19	4n21	18s19	0s39	5s 4	2n16	24s54	1s10	3s10	1s28	20n16	1n35	19n39	0n44	17s22	1n24	30s55	16s24	23n11	23n16	11n44		n.a.

Julian Day Number = 1303516.5, Delta T = 07h48m09s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'08, Lahiri = -19°45'07 Julian Calendar 1 Nov. 1145 BCE == Greg. Calendar 21 Oct. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1145 BCE
geocentric

DECEMBER 1145 BCE (-1144) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 57 31	29♏44'38	3♏29	20♏21	19♎ 8	25♐51	25°D30	7°R21	6°R31	22♏40	18♒47	16°R56	17♊50	12♍32	n.a.	M 1
T 2	4 1 27	0♐45'55	16° 8	21°55	20°20	26°39	25♓30	7♌20	6♌30	22°42	18°48	16♊54	17°47	12°39	n.a.	T 2
W 3	4 5 24	1°47'12	29° 3	23°29	21°32	27°26	25°30	7°20	6°30	22°45	18°48	16°52	17°44	12°45	n.a.	W 3
T 4	4 9 21	2°48'28	12♑12	25° 4	22°44	28°13	25°31	7°19	6°29	22°47	18°49	16°D52	17°40	12°52	n.a.	T 4
F 5	4 13 17	3°49'44	25°36	26°39	23°57	29° 0	25°31	7°18	6°29	22°49	18°49	16°52	17°37	12°59	n.a.	F 5
S 6	4 17 14	4°50'59	9♉12	28°15	25° 9	29°48	25°32	7°18	6°28	22°51	18°50	16°52	17°34	13° 6	n.a.	S 6
S 7	4 21 10	5°52'13	23° 0	29°51	26°21	0♉35	25°34	7°17	6°27	22°54	18°50	16°53	17°31	13°12	n.a.	S 7
M 8	4 25 7	6°53'27	6♒56	1♑27	27°34	1°22	25°35	7°15	6°26	22°56	18°51	16°54	17°28	13°19	n.a.	M 8
T 9	4 29 3	7°54'39	20°59	3° 4	28°46	2° 9	25°37	7°14	6°25	22°58	18°51	16°55	17°25	13°26	n.a.	T 9
W10	4 33 0	8°55'51	5♓ 7	4°42	29°59	2°57	25°38	7°13	6°24	23° 0	18°52	16°R55	17°21	13°32	n.a.	W10
T 11	4 36 57	9°57'01	19°19	6°20	1♏11	3°44	25°40	7°11	6°23	23° 3	18°53	16°55	17°18	13°39	n.a.	T 11
F 12	4 40 53	10°58'10	3♈32	7°59	2°24	4°31	25°43	7°10	6°22	23° 5	18°53	16°55	17°15	13°46	n.a.	F 12
S 13	4 44 50	11°59'18	17°43	9°38	3°37	5°18	25°45	7° 8	6°21	23° 7	18°54	16°54	17°12	13°53	n.a.	S 13
S 14	4 48 46	13° 0'25	1♉49	11°18	4°50	6° 6	25°48	7° 7	6°20	23° 9	18°55	16°54	17° 9	13°59	n.a.	S 14
M15	4 52 43	14° 1'30	15°48	12°58	6° 2	6°53	25°50	7° 5	6°19	23°11	18°55	16°53	17° 5	14° 6	n.a.	M15
T 16	4 56 39	15° 2'35	29°36	14°39	7°15	7°40	25°53	7° 3	6°17	23°13	18°56	16°53	17° 2	14°13	n.a.	T 16
W17	5 0 36	16° 3'39	13♊10	16°20	8°28	8°27	25°57	7° 1	6°16	23°16	18°57	16°D53	16°59	14°20	n.a.	W17
T 18	5 4 32	17° 4'41	26°28	18° 3	9°41	9°14	26° 0	6°59	6°15	23°18	18°58	16°R53	16°56	14°26	n.a.	T 18
F 19	5 8 29	18° 5'43	9♋29	19°45	10°54	10° 1	26° 3	6°56	6°13	23°20	18°59	16°53	16°53	14°33	n.a.	F 19
S 20	5 12 26	19° 6'43	22°13	21°29	12° 7	10°49	26° 7	6°54	6°12	23°22	18°59	16°53	16°50	14°40	n.a.	S 20
S 21	5 16 22	20° 7'43	4♌40	23°13	13°20	11°36	26°11	6°52	6°10	23°24	19° 0	16°53	16°46	14°46	n.a.	S 21
M22	5 20 19	21° 8'42	16°53	24°57	14°33	12°23	26°15	6°49	6° 9	23°26	19° 1	16°52	16°43	14°53	n.a.	M22
T 23	5 24 15	22° 9'39	28°55	26°42	15°46	13°10	26°20	6°47	6° 7	23°28	19° 2	16°52	16°40	15° 0	n.a.	T 23
W24	5 28 12	23°10'36	10♍51	28°28	16°59	13°57	26°24	6°44	6° 5	23°30	19° 3	16°51	16°37	15° 7	n.a.	W24
T 25	5 32 8	24°11'31	22°43	0♉14	18°12	14°44	26°29	6°41	6° 4	23°32	19° 4	16°D51	16°34	15°13	n.a.	T 25
F 26	5 36 5	25°12'25	4♎38	2° 0	19°26	15°31	26°34	6°38	6° 2	23°34	19° 5	16°51	16°31	15°20	n.a.	F 26
S 27	5 40 2	26°13'19	16°39	3°47	20°39	16°18	26°39	6°35	6° 0	23°36	19° 6	16°52	16°27	15°27	n.a.	S 27
S 28	5 43 58	27°14'11	28°51	5°34	21°52	17° 5	26°44	6°32	5°58	23°38	19° 7	16°52	16°24	15°34	n.a.	S 28
M29	5 47 55	28°15'02	11♏19	7°22	23° 5	17°52	26°49	6°29	5°56	23°40	19° 8	16°54	16°21	15°40	n.a.	M29
T 30	5 51 51	29°15'52	24° 6	9° 9	24°19	18°39	26°55	6°26	5°55	23°42	19° 9	16°55	16°18	15°47	n.a.	T 30
W31	5 55 48	0♉16'41	7♑12	10♉56	25♏32	19♉26	27♓ 1	6♌23	5♌53	23♏44	19♒10	16♊55	16♊15	15♍54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	20s26	9s29	3n37	18s51	0s45	5s32	2n15	24s56	1s10	3s10	1s28	20n16	1n35	19n39	0n44	17s23	1n24	30s55	16s24	23n11	23n16	11n41		n.a.	
T 2	20 39	14 21	2 42	19 22	0 51	6 0	2 14	24 57	1 10	3 9	1 28	20 16	1 35	19 40	0 44	17 23	1 24	30 54	16 24	23 10	23 16	11 38		n.a.	
W 3	20 51	18 42	1 37	19 52	0 57	6 28	2 14	24 58	1 10	3 9	1 27	20 17	1 36	19 40	0 44	17 24	1 24	30 54	16 23	23 10	23 15	11 36		n.a.	
T 4	21 4	22 12	0 26	20 21	1 3	6 56	2 13	24 59	1 10	3 8	1 27	20 17	1 36	19 40	0 44	17 25	1 24	30 53	16 23	23 10	23 15	11 33		n.a.	
F 5	21 16	24 34	0s48	20 50	1 8	7 24	2 12	25 0	1 10	3 8	1 27	20 18	1 36	19 40	0 44	17 25	1 24	30 53	16 23	23 10	23 15	11 31		n.a.	
S 6	21 27	25 31	2 1	21 17	1 13	7 52	2 11	25 0	1 10	3 7	1 26	20 18	1 36	19 41	0 44	17 26	1 24	30 52	16 22	23 10	23 14	11 28		n.a.	
S 7	21 38	24 54	3 7	21 44	1 18	8 20	2 9	25 0	1 10	3 6	1 26	20 19	1 37	19 41	0 44	17 26	1 24	30 52	16 22	23 10	23 14	11 26		n.a.	
M 8	21 49	22 45	4 3	22 9	1 23	8 47	2 8	24 59	1 10	3 5	1 26	20 19	1 37	19 41	0 44	17 27	1 24	30 51	16 22	23 11	23 14	11 23		n.a.	
T 9	21 59	19 13	4 45	22 33	1 28	9 15	2 7	24 59	1 10	3 4	1 25	20 20	1 37	19 41	0 44	17 27	1 24	30 51	16 21	23 11	23 13	11 20		n.a.	
W10	22 9	14 35	5 10	22 56	1 32	9 42	2 5	24 58	1 10	3 3	1 25	20 20	1 37	19 42	0 44	17 28	1 24	30 50	16 21	23 11	23 13	11 18		n.a.	
T 11	22 18	9 8	5 17	23 18	1 37	10 9	2 4	24 57	1 10	3 2	1 25	20 21	1 38	19 42	0 44	17 29	1 24	30 50	16 21	23 11	23 13	11 15		n.a.	
F 12	22 27	3 12	5 4	23 39	1 40	10 36	2 2	24 55	1 10	3 1	1 24	20 22	1 38	19 42	0 44	17 29	1 24	30 49	16 20	23 11	23 13	11 13		n.a.	
S 13	22 36	2n53	4 32	23 58	1 44	11 2	2 1	24 53	1 10	3 0	1 24	20 22	1 38	19 43	0 44	17 30	1 24	30 48	16 20	23 11	23 12	11 10		n.a.	
S 14	22 44	8 48	3 45	24 16	1 47	11 29	1 59	24 51	1 10	2 58	1 24	20 23	1 38	19 43	0 45	17 30	1 24	30 48	16 20	23 10	23 12	11 7		n.a.	
M15	22 51	14 14	2 44	24 33	1 50	11 55	1 57	24 49	1 10	2 57	1 23	20 24	1 39	19 43	0 45	17 31	1 24	30 47	16 19	23 10	23 12	11 5		n.a.	
T 16	22 59	18 52	1 34	24 48	1 53	12 21	1 55	24 46	1 10	2 55	1 23	20 24	1 39	19 44	0 45	17 31	1 24	30 47	16 19	23 10	23 11	11 2		n.a.	
W17	23 5	22 25	0 21	25 2	1 55	12 46	1 53	24 43	1 10	2 54	1 22	20 25	1 39	19 44	0 45	17 32	1 24	30 46	16 19	23 10	23 11	11 0		n.a.	
T 18	23 12	24 40	0n53	25 14	1 57	13 12	1 51	24 40	1 10	2 52	1 22	20 26	1 39	19 44	0 45	17 32	1 24	30 46	16 18	23 10	23 11	10 57		n.a.	
F 19	23 17	25 31	2 2	25 24	1 59	13 37	1 49	24 36	1 10	2 50	1 22	20 27	1 39	19 45	0 45	17 33	1 25	30 45	16 18	23 10	23 10	10 54		n.a.	
S 20	23 23	24 59	3 4	25 33	2 0	14 1	1 47	24 32	1 10	2 49	1 21	20 27	1 40	19 45	0 45	17 33	1 25	30 45	16 18	23 10	23 10	10 52		n.a.	
S 21	23 27	23 12	3 55	25 40	2 1	14 26	1 45	24 28	1 9	2 47	1 21	20 28	1 40	19 46	0 45	17 34	1 25	30 44	16 18	23 10	23 10	10 49		n.a.	
M22	23 32	20 23	4 35	25 45	2 1	14 50	1 43	24 24	1 9	2 45	1 21	20 29	1 40	19 46	0 45	17 34	1 25	30 43	16 17	23 10	23 9	10 46		n.a.	
T 23	23 36	16 44	5 2	25 48	2 1	15 14	1 41	24 19	1 9	2 43	1 20	20 30	1 40	19 46	0 45	17 35	1 25	30 43	16 17	23 10	23 9	10 44		n.a.	
W24	23 39	12 28	5 15	25 49	2 0	15 37	1 38	24 14	1 9	2 41	1 20	20 31	1 41	19 47	0 45	17 35	1 25	30 42	16 17	23 10	23 9	10 41		n.a.	
T 25	23 42	7 45	5 15	25 49	1 59	16 0	1 36	24 9	1 9	2 38	1 20	20 32	1 41	19 47	0 45	17 36	1 25	30 42	16 16	23 10	23 8	10 38		n.a.	
F 26	23 45	2 44	5 2	25 46	1 57	16 23	1 33	24 3	1 9	2 36	1 19	20 33	1 41	19 48	0 45	17 36	1 25	30 41	16 16	23 10	23 8	10 36		n.a.	
S 27	23 47	2s25	4 35	25 41	1 55	16 45	1 31	23 57	1 9	2 34	1 19	20 34	1 41	19 48	0 45	17 37	1 25	30 40	16 16	23 10	23 8	10 33		n.a.	
S 28	23 48	7 35	3 56	25 35	1 52	17 7	1 28	23 51	1 9	2 31	1 19	20 35	1 41	19 49	0 45	17 37	1 25	30 40	16 16	23 10	23 7	10 31		n.a.	
M29	23 49	12 33	3 5	25 26	1 48	17 28	1 26	23 45	1 9	2 29	1 19	20 36	1 42	19 49	0 45	17 38	1 25	30 39	16 15	23 10	23 7	10 28		n.a.	
T 30	23 50	17 7	2 3	25 15	1 44	17 49	1 23	23 38	1 8	2 26	1 18	20 37	1 42	19 50	0 45	17 38	1 25	30 39	16 15	23 11	23 7	10 25		n.a.	
W31	23s50	20s59	0n54	25s 1	1s39	18s 9	1n20	23s31	1s 8	2s24	1s18	20n38	1n42	19n50	0n45	17s39	1n25	30s38	16s15	23n11	23n 6	10n23		n.a.	

Julian Day Number = 1303546.5, Delta T = 07h48m08s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'04, Lahiri = -19°45'03 Julian Calendar 1 Dec. 1145 BCE == Greg. Calendar 20 Nov. 1145 BCE

The year -1144 astronomical counting style corresponds to year 1145 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

JANUARY 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 44	1♉17'28	20♐40	12♉43	26♏45	20♉13	27♓ 7	6°R19	5°R51	23♏46	19♒11	16°R56	16♊11	16♍ 0	n.a.	T 1
F 2	6 3 41	2°18'14	4♉28	14°29	27°59	21° 0	27°13	6♌16	5♌49	23°48	19°12	16♊55	16° 8	16° 7	n.a.	F 2
S 3	6 7 37	3°18'58	18°32	16°14	29°12	21°47	27°19	6°12	5°47	23°50	19°13	16°54	16° 5	16°14	n.a.	S 3
S 4	6 11 34	4°19'41	2♒49	17°59	0♐25	22°34	27°25	6° 9	5°44	23°52	19°14	16°51	16° 2	16°21	n.a.	S 4
M 5	6 15 31	5°20'22	17°14	19°41	1°39	23°21	27°32	6° 5	5°42	23°53	19°15	16°49	15°59	16°27	n.a.	M 5
T 6	6 19 27	6°21'01	1♓41	21°22	2°52	24° 7	27°39	6° 1	5°40	23°55	19°17	16°46	15°56	16°34	n.a.	T 6
W 7	6 23 24	7°21'38	16° 5	23° 0	4° 5	24°54	27°45	5°57	5°38	23°57	19°18	16°44	15°52	16°41	n.a.	W 7
T 8	6 27 20	8°22'13	0♈22	24°35	5°19	25°41	27°53	5°54	5°36	23°59	19°19	16°43	15°49	16°48	n.a.	T 8
F 9	6 31 17	9°22'46	14°29	26° 7	6°32	26°28	28° 0	5°50	5°34	24° 0	19°20	16°D43	15°46	16°54	n.a.	F 9
S 10	6 35 13	10°23'17	28°25	27°35	7°46	27°14	28° 7	5°46	5°31	24° 2	19°21	16°44	15°43	17° 1	n.a.	S 10
S 11	6 39 10	11°23'45	12♉ 9	28°58	8°59	28° 1	28°15	5°42	5°29	24° 4	19°23	16°45	15°40	17° 8	n.a.	S 11
M12	6 43 6	12°24'12	25°42	0♒15	10°13	28°48	28°22	5°37	5°27	24° 6	19°24	16°47	15°37	17°14	n.a.	M12
T 13	6 47 3	13°24'37	9♊ 2	1°27	11°26	29°34	28°30	5°33	5°24	24° 7	19°25	16°48	15°33	17°21	n.a.	T 13
W14	6 51 0	14°25'00	22°10	2°32	12°40	0♒21	28°38	5°29	5°22	24° 9	19°26	16°R48	15°30	17°28	n.a.	W14
T 15	6 54 56	15°25'21	5♋ 6	3°29	13°53	1° 7	28°46	5°25	5°20	24°10	19°28	16°47	15°27	17°35	n.a.	T 15
F 16	6 58 53	16°25'40	17°49	4°18	15° 7	1°54	28°54	5°21	5°17	24°12	19°29	16°44	15°24	17°41	n.a.	F 16
S 17	7 2 49	17°25'57	0♌21	4°59	16°20	2°40	29° 3	5°16	5°15	24°14	19°30	16°40	15°21	17°48	n.a.	S 17
S 18	7 6 46	18°26'13	12°41	5°31	17°34	3°27	29°11	5°12	5°12	24°15	19°31	16°34	15°17	17°55	n.a.	S 18
M19	7 10 42	19°26'26	24°51	5°53	18°47	4°13	29°20	5° 7	5°10	24°17	19°33	16°28	15°14	18° 2	n.a.	M19
T 20	7 14 39	20°26'38	6♍51	6° 6	20° 1	5° 0	29°29	5° 3	5° 7	24°18	19°34	16°22	15°11	18° 8	n.a.	T 20
W21	7 18 35	21°26'48	18°46	6°R 9	21°14	5°46	29°37	4°58	5° 5	24°20	19°35	16°17	15° 8	18°15	n.a.	W21
T 22	7 22 32	22°26'56	0♎38	6° 3	22°28	6°32	29°47	4°54	5° 2	24°21	19°37	16°13	15° 5	18°22	n.a.	T 22
F 23	7 26 29	23°27'02	12°32	5°47	23°41	7°18	29°56	4°49	5° 0	24°22	19°38	16°11	15° 2	18°28	n.a.	F 23
S 24	7 30 25	24°27'06	24°31	5°23	24°55	8° 5	0♈ 5	4°45	4°57	24°24	19°39	16°D10	14°58	18°35	n.a.	S 24
S 25	7 34 22	25°27'09	6♏40	4°50	26° 8	8°51	0°14	4°40	4°55	24°25	19°41	16°10	14°55	18°42	n.a.	S 25
M26	7 38 18	26°27'10	19° 6	4° 9	27°22	9°37	0°24	4°35	4°52	24°26	19°42	16°12	14°52	18°49	n.a.	M26
T 27	7 42 15	27°27'09	1♐51	3°22	28°36	10°23	0°33	4°31	4°50	24°28	19°44	16°13	14°49	18°55	n.a.	T 27
W28	7 46 11	28°27'07	15° 1	2°31	29°49	11° 9	0°43	4°26	4°47	24°29	19°45	16°R14	14°46	19° 2	n.a.	W28
T 29	7 50 8	29°27'03	28°36	1°35	1♉ 3	11°55	0°53	4°21	4°44	24°30	19°46	16°13	14°43	19° 9	n.a.	T 29
F 30	7 54 4	0♒26'56	12♉37	0°36	2°16	12°41	1° 3	4°17	4°42	24°31	19°48	16°11	14°39	19°15	n.a.	F 30
S 31	7 58 1	1♒26'48	27♉ 2	29♉37	3♉30	13♒27	1♈13	4♌12	4♌39	24♏32	19♒49	16♊ 6	14♊36	19♍22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s49	23 s50	0 s21	24 s46	1 s34	18 s29	1 n18	23 s24	1 s 8	2 s21	1 s18	20 n39	1 n42	19 n51	0 n45	17 s39	1 n25	30 s37	16 s15	23 n11	23 n 6	10 n20			n.a.
F 2	23 49	25 21	1 35	24 29	1 27	18 49	1 15	23 17	1 8	2 18	1 17	20 40	1 42	19 51	0 45	17 40	1 25	30 37	16 14	23 11	23 6	10 17			n.a.
S 3	23 47	25 16	2 46	24 9	1 20	19 8	1 12	23 9	1 8	2 15	1 17	20 41	1 43	19 52	0 45	17 40	1 25	30 36	16 14	23 10	23 5	10 15			n.a.
S 4	23 46	23 31	3 47	23 48	1 13	19 26	1 10	23 1	1 8	2 13	1 17	20 42	1 43	19 52	0 45	17 41	1 25	30 36	16 14	23 10	23 5	10 12			n.a.
M 5	23 43	20 16	4 34	23 25	1 4	19 44	1 7	22 53	1 7	2 10	1 16	20 43	1 43	19 53	0 45	17 41	1 25	30 35	16 14	23 10	23 5	10 9			n.a.
T 6	23 41	15 46	5 4	23 0	0 54	20 2	1 4	22 44	1 7	2 7	1 16	20 44	1 43	19 54	0 45	17 41	1 25	30 34	16 13	23 10	23 4	10 7			n.a.
W 7	23 37	10 24	5 15	22 34	0 44	20 19	1 1	22 36	1 7	2 4	1 16	20 45	1 43	19 54	0 45	17 42	1 25	30 34	16 13	23 10	23 4	10 4			n.a.
T 8	23 34	4 31	5 6	22 6	0 33	20 35	0 58	22 27	1 7	2 0	1 15	20 47	1 44	19 55	0 45	17 42	1 25	30 33	16 13	23 9	23 4	10 1			n.a.
F 9	23 30	1 n32	4 39	21 37	0 21	20 51	0 55	22 18	1 6	1 57	1 15	20 48	1 44	19 55	0 45	17 43	1 25	30 33	16 13	23 9	23 3	9 58			n.a.
S 10	23 25	7 26	3 55	21 7	0 8	21 6	0 52	22 8	1 6	1 54	1 15	20 49	1 44	19 56	0 45	17 43	1 25	30 32	16 12	23 9	23 3	9 56			n.a.
S 11	23 20	12 54	2 59	20 37	0 n 5	21 21	0 49	21 59	1 6	1 51	1 15	20 50	1 44	19 57	0 45	17 44	1 25	30 31	16 12	23 10	23 3	9 53			n.a.
M12	23 15	17 40	1 53	20 7	0 19	21 35	0 47	21 49	1 6	1 47	1 14	20 51	1 44	19 57	0 45	17 44	1 25	30 31	16 12	23 10	23 2	9 50			n.a.
T 13	23 9	21 28	0 43	19 37	0 34	21 48	0 44	21 38	1 6	1 44	1 14	20 52	1 44	19 58	0 45	17 44	1 25	30 30	16 12	23 10	23 2	9 48			n.a.
W14	23 2	24 5	0 n29	19 7	0 49	22 1	0 41	21 28	1 5	1 41	1 14	20 54	1 45	19 58	0 46	17 45	1 25	30 30	16 12	23 10	23 2	9 45			n.a.
T 15	22 55	25 22	1 39	18 39	1 5	22 13	0 38	21 18	1 5	1 37	1 13	20 55	1 45	19 59	0 46	17 45	1 25	30 29	16 11	23 10	23 1	9 42			n.a.
F 16	22 48	25 17	2 42	18 11	1 21	22 25	0 35	21 7	1 5	1 33	1 13	20 56	1 45	20 0	0 46	17 45	1 25	30 28	16 11	23 9	23 1	9 40			n.a.
S 17	22 40	23 55	3 36	17 46	1 37	22 35	0 32	20 56	1 5	1 30	1 13	20 57	1 45	20 0	0 46	17 46	1 25	30 28	16 11	23 9	23 1	9 37			n.a.
S 18	22 32	21 24	4 19	17 22	1 53	22 46	0 29	20 45	1 4	1 26	1 13	20 59	1 45	20 1	0 46	17 46	1 25	30 27	16 11	23 8	23 0	9 34			n.a.
M19	22 24	17 59	4 49	17 1	2 9	22 55	0 26	20 33	1 4	1 22	1 12	21 0	1 45	20 1	0 46	17 46	1 25	30 26	16 11	23 8	23 0	9 31			n.a.
T 20	22 15	13 52	5 7	16 43	2 25	23 4	0 23	20 22	1 4	1 19	1 12	21 1	1 45	20 2	0 46	17 47	1 25	30 26	16 10	23 7	23 0	9 29			n.a.
W21	22 5	9 16	5 11	16 28	2 40	23 12	0 20	20 10	1 3	1 15	1 12	21 2	1 46	20 3	0 46	17 47	1 25	30 25	16 10	23 7	22 59	9 26			n.a.
T 22	21 56	4 20	5 1	16 16	2 54	23 20	0 17	19 58	1 3	1 11	1 11	21 4	1 46	20 3	0 46	17 47	1 25	30 25	16 10	23 6	22 59	9 23			n.a.
F 23	21 45	0 s45	4 39	16 7	3 7	23 27	0 14	19 45	1 3	1 7	1 11	21 5	1 46	20 4	0 46	17 48	1 25	30 24	16 10	23 6	22 58	9 20			n.a.
S 24	21 35	5 52	4 4	16 1	3 19	23 33	0 11	19 33	1 3	1 3	1 11	21 6	1 46	20 5	0 46	17 48	1 25	30 23	16 10	23 6	22 58	9 18			n.a.
S 25	21 24	10 51	3 18	15 59	3 30	23 38	0 8	19 20	1 2	0 59	1 11	21 7	1 46	20 5	0 46	17 48	1 25	30 23	16 10	23 6	22 58	9 15			n.a.
M26	21 12	15 30	2 22	16 0	3 38	23 43	0 5	19 8	1 2	0 55	1 10	21 9	1 46	20 6	0 46	17 49	1 25	30 22	16 10	23 6	22 57	9 12			n.a.
T 27	21 1	19 37	1 17	16 4	3 45	23 47	0 2	18 55	1 2	0 51	1 10	21 10	1 46	20 7	0 46	17 49	1 25	30 22	16 9	23 6	22 57	9 9			n.a.
W28	20 49	22 52	0 7	16 11	3 50	23 50	0 s 0	18 42	1 1	0 47	1 10	21 11	1 46	20 7	0 46	17 49	1 25	30 21	16 9	23 6	22 57	9 7			n.a.
T 29	20 36	24 56	1 s 6	16 21	3 53	23 53	0 3	18 28	1 1	0 42	1 10	21 12	1 46	20 8	0 46	17 49	1 25	30 20	16 9	23 6	22 56	9 4			n.a.
F 30	20 23	25 30	2 18	16 33	3 54	23 55	0 6	18 15	1 1	0 38	1 9	21 14	1 47	20 9	0 46	17 50	1 26	30 20	16 9	23 6	22 56	9 1			n.a.
S 31	20 s10	24 s24	3 s22	16 s46	3 n53	23 s56	0 s 9	18 s 1	1 s 0	0 s34	1 s 9	21 n15	1 n47	20 n 9	0 n46	17 s50	1 n26	30 s19	16 s 9	23 n 6	22 n56	8 n58			n.a.

Julian Day Number = 1303577.5, Delta T = 07h48m06s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°52'00, Lahiri = -19°44'59 Julian Calendar 1 Jan. 1144 BCE == Greg. Calendar 21 Dec. 1145 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

FEBRUARY 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 58	2♒26'38	11♒45	28°R37	4♉43	14♒13	1♈23	4°R 7	4°R37	24♏34	19♒51	16°R 0	14♊33	19♍29	n.a.	S 1
M 2	8 5 54	3°26'25	26°38	27♉39	5°57	14°59	1°34	4♌ 3	4♌34	24°35	19°52	15♊52	14°30	19°36	n.a.	M 2
T 3	8 9 51	4°26'10	11♓32	26°44	7°11	15°45	1°44	3°58	4°31	24°36	19°54	15°45	14°27	19°42	n.a.	T 3
W 4	8 13 47	5°25'53	26°20	25°52	8°24	16°31	1°55	3°53	4°29	24°37	19°55	15°38	14°23	19°49	n.a.	W 4
T 5	8 17 44	6°25'33	10♈53	25° 5	9°38	17°16	2° 5	3°48	4°26	24°38	19°57	15°33	14°20	19°56	n.a.	T 5
F 6	8 21 40	7°25'11	25° 9	24°23	10°51	18° 2	2°16	3°44	4°23	24°39	19°58	15°31	14°17	20° 3	n.a.	F 6
S 7	8 25 37	8°24'46	9♉ 4	23°46	12° 5	18°48	2°27	3°39	4°21	24°40	20° 0	15°D30	14°14	20° 9	n.a.	S 7
S 8	8 29 33	9°24'19	22°40	23°16	13°18	19°33	2°38	3°34	4°18	24°41	20° 1	15°31	14°11	20°16	n.a.	S 8
M 9	8 33 30	10°23'50	5♊57	22°51	14°32	20°19	2°49	3°30	4°16	24°42	20° 2	15°32	14° 8	20°23	n.a.	M 9
T 10	8 37 27	11°23'18	18°58	22°33	15°46	21° 5	3° 0	3°25	4°13	24°42	20° 4	15°R32	14° 4	20°29	n.a.	T 10
W11	8 41 23	12°22'44	1♋46	22°20	16°59	21°50	3°11	3°20	4°10	24°43	20° 5	15°30	14° 1	20°36	n.a.	W11
T 12	8 45 20	13°22'07	14°21	22°14	18°13	22°36	3°22	3°16	4° 8	24°44	20° 7	15°27	13°58	20°43	n.a.	T 12
F 13	8 49 16	14°21'28	26°47	22°D14	19°26	23°21	3°34	3°11	4° 5	24°45	20° 8	15°20	13°55	20°50	n.a.	F 13
S 14	8 53 13	15°20'47	9♌ 4	22°20	20°40	24° 6	3°45	3° 6	4° 3	24°46	20°10	15°12	13°52	20°56	n.a.	S 14
S 15	8 57 9	16°20'03	21°14	22°31	21°53	24°52	3°57	3° 2	4° 0	24°46	20°11	15° 1	13°49	21° 3	n.a.	S 15
M16	9 1 6	17°19'17	3♍17	22°47	23° 7	25°37	4° 8	2°57	3°58	24°47	20°13	14°49	13°45	21°10	n.a.	M16
T 17	9 5 2	18°18'29	15°14	23° 9	24°20	26°22	4°20	2°53	3°55	24°48	20°14	14°37	13°42	21°17	n.a.	T 17
W18	9 8 59	19°17'39	27° 7	23°35	25°34	27° 7	4°32	2°48	3°53	24°48	20°16	14°26	13°39	21°23	n.a.	W18
T 19	9 12 55	20°16'47	8♎58	24° 6	26°48	27°52	4°44	2°44	3°50	24°49	20°17	14°17	13°36	21°30	n.a.	T 19
F 20	9 16 52	21°15'53	20°51	24°41	28° 1	28°37	4°56	2°40	3°48	24°49	20°19	14°10	13°33	21°37	n.a.	F 20
S 21	9 20 49	22°14'57	2♏49	25°20	29°15	29°22	5° 8	2°35	3°45	24°50	20°20	14° 6	13°29	21°43	n.a.	S 21
S 22	9 24 45	23°14'00	14°56	26° 2	0♒28	0♓ 7	5°20	2°31	3°43	24°50	20°22	14° 4	13°26	21°50	n.a.	S 22
M23	9 28 42	24°13'00	27°17	26°49	1°42	0°52	5°32	2°27	3°40	24°51	20°23	14°D 3	13°23	21°57	n.a.	M23
T 24	9 32 38	25°11'58	9♐58	27°39	2°55	1°37	5°44	2°23	3°38	24°51	20°25	14°R 4	13°20	22° 4	n.a.	T 24
W25	9 36 35	26°10'55	23° 3	28°32	4° 9	2°22	5°57	2°19	3°36	24°51	20°26	14° 3	13°17	22°10	n.a.	W25
T 26	9 40 31	27° 9'50	6♉36	29°28	5°23	3° 7	6° 9	2°14	3°33	24°52	20°28	14° 2	13°14	22°17	n.a.	T 26
F 27	9 44 28	28° 8'43	20°38	0♒27	6°36	3°52	6°21	2°10	3°31	24°52	20°29	13°57	13°10	22°24	n.a.	F 27
S 28	9 48 24	29♒ 7'34	5♒ 9	1♒28	7♒50	4♓36	6♈34	2♌ 6	3♌29	24♏52	20♒31	13♊50	13♊ 7	22♍30	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s56	21s37	4s14	17s 2	3n49	23s56	0s12	17s47	1s 0	0s29	1s 9	21n16	1n47	20n10	0n46	17s50	1n26	30s19	16s 9	23n 5	22n55	8n56		n.a.
M 2	19 42	17 22	4 50	17 19	3 44	23 56	0 14	17 33	1 0	0 25	1 9	21 17	1 47	20 10	0 46	17 50	1 26	30 18	16 9	23 4	22 55	8 53		n.a.
T 3	19 28	12 3	5 6	17 36	3 37	23 55	0 17	17 19	0 59	0 21	1 9	21 19	1 47	20 11	0 46	17 51	1 26	30 17	16 9	23 3	22 54	8 50		n.a.
W 4	19 13	6 5	5 2	17 54	3 29	23 53	0 20	17 5	0 59	0 16	1 8	21 20	1 47	20 12	0 46	17 51	1 26	30 17	16 9	23 3	22 54	8 47		n.a.
T 5	18 58	0n 8	4 38	18 12	3 19	23 51	0 22	16 50	0 58	0 12	1 8	21 21	1 47	20 12	0 46	17 51	1 26	30 16	16 9	23 2	22 54	8 45		n.a.
F 6	18 43	6 13	3 57	18 31	3 8	23 48	0 25	16 36	0 58	0 7	1 8	21 22	1 47	20 13	0 46	17 51	1 26	30 16	16 9	23 2	22 53	8 42		n.a.
S 7	18 27	11 52	3 3	18 49	2 56	23 44	0 28	16 21	0 58	0 3	1 8	21 23	1 47	20 14	0 46	17 52	1 26	30 15	16 8	23 2	22 53	8 39		n.a.
S 8	18 12	16 49	2 0	19 7	2 43	23 39	0 30	16 6	0 57	0n 2	1 7	21 25	1 47	20 14	0 46	17 52	1 26	30 15	16 8	23 2	22 53	8 36		n.a.
M 9	17 55	20 49	0 51	19 24	2 30	23 34	0 33	15 51	0 57	0 7	1 7	21 26	1 47	20 15	0 46	17 52	1 26	30 14	16 8	23 2	22 52	8 33		n.a.
T 10	17 39	23 40	0n18	19 41	2 16	23 28	0 35	15 36	0 57	0 11	1 7	21 27	1 47	20 16	0 46	17 52	1 26	30 13	16 8	23 2	22 52	8 31		n.a.
W11	17 22	25 15	1 26	19 56	2 2	23 21	0 37	15 21	0 56	0 16	1 7	21 28	1 47	20 16	0 46	17 52	1 26	30 13	16 8	23 2	22 51	8 28		n.a.
T 12	17 5	25 29	2 28	20 11	1 48	23 14	0 40	15 5	0 56	0 21	1 6	21 29	1 47	20 17	0 46	17 52	1 26	30 12	16 8	23 1	22 51	8 25		n.a.
F 13	16 47	24 26	3 22	20 25	1 34	23 6	0 42	14 50	0 55	0 26	1 6	21 30	1 48	20 17	0 46	17 53	1 26	30 12	16 8	23 1	22 51	8 22		n.a.
S 14	16 30	22 13	4 5	20 38	1 20	22 57	0 44	14 34	0 55	0 30	1 6	21 32	1 48	20 18	0 46	17 53	1 26	30 11	16 8	23 0	22 50	8 20		n.a.
S 15	16 12	19 1	4 37	20 50	1 6	22 47	0 47	14 18	0 55	0 35	1 6	21 33	1 48	20 19	0 46	17 53	1 26	30 11	16 8	22 58	22 50	8 17		n.a.
M16	15 54	15 4	4 57	21 1	0 52	22 37	0 49	14 2	0 54	0 40	1 6	21 34	1 48	20 19	0 46	17 53	1 26	30 10	16 8	22 57	22 50	8 14		n.a.
T 17	15 35	10 33	5 2	21 10	0 39	22 26	0 51	13 46	0 54	0 45	1 5	21 35	1 48	20 20	0 46	17 53	1 26	30 10	16 8	22 56	22 49	8 11		n.a.
W18	15 17	5 40	4 55	21 19	0 26	22 15	0 53	13 30	0 53	0 50	1 5	21 36	1 48	20 20	0 46	17 53	1 26	30 9	16 8	22 54	22 49	8 8		n.a.
T 19	14 58	0 36	4 35	21 26	0 13	22 3	0 55	13 14	0 53	0 55	1 5	21 37	1 48	20 21	0 46	17 53	1 26	30 9	16 8	22 53	22 48	8 5		n.a.
F 20	14 39	4s31	4 3	21 32	0 1	21 50	0 57	12 58	0 52	1 0	1 5	21 38	1 48	20 22	0 46	17 53	1 26	30 8	16 8	22 52	22 48	8 3		n.a.
S 21	14 19	9 31	3 21	21 36	0s11	21 36	0 59	12 41	0 52	1 5	1 5	21 39	1 48	20 22	0 46	17 53	1 26	30 8	16 8	22 52	22 48	8 0		n.a.
S 22	14 0	14 13	2 28	21 39	0 22	21 22	1 1	12 25	0 51	1 10	1 5	21 40	1 48	20 23	0 46	17 54	1 26	30 7	16 8	22 52	22 47	7 57		n.a.
M23	13 40	18 27	1 28	21 41	0 33	21 8	1 3	12 8	0 51	1 15	1 4	21 41	1 48	20 23	0 46	17 54	1 26	30 7	16 8	22 52	22 47	7 54		n.a.
T 24	13 20	21 57	0 22	21 41	0 44	20 52	1 5	11 52	0 51	1 20	1 4	21 42	1 48	20 24	0 46	17 54	1 26	30 6	16 8	22 52	22 46	7 51		n.a.
W25	13 0	24 26	0s48	21 40	0 53	20 36	1 6	11 35	0 50	1 25	1 4	21 43	1 48	20 24	0 46	17 54	1 26	30 6	16 8	22 52	22 46	7 49		n.a.
T 26	12 39	25 36	1 56	21 37	1 3	20 20	1 8	11 18	0 50	1 30	1 4	21 44	1 48	20 25	0 46	17 54	1 27	30 5	16 8	22 51	22 46	7 46		n.a.
F 27	12 19	25 12	3 1	21 33	1 12	20 3	1 9	11 1	0 49	1 36	1 4	21 45	1 48	20 26	0 46	17 54	1 27	30 5	16 8	22 51	22 45	7 43		n.a.
S 28	11s58	23s 6	3s56	21s28	1s20	19s45	1s11	10s44	0s49	1n41	1s 3	21n46	1n48	20n26	0n46	17s54	1n27	30s 4	16s 8	22n50	22n45	7n40		n.a.

Julian Day Number = 1303608.5, Delta T = 07h48m04s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'55, Lahiri = -19°44'55 Julian Calendar 1 Feb. 1144 BCE == Greg. Calendar 21 Jan. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

MARCH 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 21	0♓ 6'22	20♒ 3	2♒33	9♒ 3	5♓21	6♈46	2°R 3	3°R26	24♏53	20♒32	13°R41	13♊ 4	22♍37	n.a.	S 1
M 2	9 56 18	1° 5'09	5♓12	3°39	10°17	6° 5	6°59	1♌59	3♌24	24°53	20°34	13♊31	13° 1	22°44	n.a.	M 2
T 3	10 0 14	2° 3'53	20°27	4°49	11°30	6°50	7°12	1°55	3°22	24°53	20°35	13°20	12°58	22°51	n.a.	T 3
W 4	10 4 11	3° 2'36	5♈35	6° 0	12°44	7°35	7°24	1°51	3°20	24°53	20°37	13°10	12°54	22°57	n.a.	W 4
T 5	10 8 7	4° 1'16	20°28	7°14	13°57	8°19	7°37	1°48	3°18	24°53	20°38	13° 2	12°51	23° 4	n.a.	T 5
F 6	10 12 4	4°59'53	4♉59	8°30	15°11	9° 3	7°50	1°44	3°16	24°53	20°40	12°57	12°48	23°11	n.a.	F 6
S 7	10 16 0	5°58'29	19° 4	9°48	16°25	9°48	8° 3	1°41	3°13	24°53	20°41	12°55	12°45	23°18	n.a.	S 7
S 8	10 19 57	6°57'02	2♊42	11° 8	17°38	10°32	8°16	1°37	3°11	24°R53	20°43	12°54	12°42	23°24	n.a.	S 8
M 9	10 23 53	7°55'33	15°57	12°30	18°52	11°16	8°29	1°34	3° 9	24°53	20°44	12°54	12°39	23°31	n.a.	M 9
T 10	10 27 50	8°54'01	28°51	13°53	20° 5	12° 0	8°42	1°31	3° 7	24°53	20°45	12°53	12°35	23°38	n.a.	T 10
W11	10 31 46	9°52'27	11♋27	15°19	21°19	12°45	8°55	1°27	3° 5	24°53	20°47	12°51	12°32	23°44	n.a.	W11
T 12	10 35 43	10°50'51	23°51	16°47	22°32	13°29	9° 8	1°24	3° 4	24°53	20°48	12°46	12°29	23°51	n.a.	T 12
F 13	10 39 40	11°49'13	6♌ 4	18°16	23°46	14°13	9°21	1°21	3° 2	24°53	20°50	12°39	12°26	23°58	n.a.	F 13
S 14	10 43 36	12°47'32	18°10	19°47	24°59	14°57	9°35	1°18	3° 0	24°53	20°51	12°28	12°23	24° 5	n.a.	S 14
S 15	10 47 33	13°45'50	0♍10	21°20	26°13	15°41	9°48	1°15	2°58	24°52	20°53	12°15	12°20	24°11	n.a.	S 15
M16	10 51 29	14°44'05	12° 6	22°55	27°26	16°24	10° 1	1°13	2°56	24°52	20°54	12° 1	12°16	24°18	n.a.	M16
T 17	10 55 26	15°42'18	23°59	24°31	28°40	17° 8	10°15	1°10	2°55	24°52	20°55	11°47	12°13	24°25	n.a.	T 17
W18	10 59 22	16°40'30	5♎52	26°10	29°53	17°52	10°28	1° 7	2°53	24°51	20°57	11°34	12°10	24°31	n.a.	W18
T 19	11 3 19	17°38'40	17°44	27°50	1♓ 7	18°36	10°41	1° 5	2°51	24°51	20°58	11°23	12° 7	24°38	n.a.	T 19
F 20	11 7 15	18°36'48	29°39	29°31	2°20	19°19	10°55	1° 2	2°50	24°51	20°59	11°15	12° 4	24°45	n.a.	F 20
S 21	11 11 12	19°34'54	11♏39	1♓15	3°34	20° 3	11° 8	1° 0	2°48	24°50	21° 1	11° 9	12° 0	24°52	n.a.	S 21
S 22	11 15 8	20°32'59	23°47	3° 0	4°47	20°47	11°22	0°58	2°47	24°50	21° 2	11° 6	11°57	24°58	n.a.	S 22
M23	11 19 5	21°31'02	6♐ 9	4°47	6° 1	21°30	11°35	0°56	2°45	24°49	21° 3	11°D 5	11°54	25° 5	n.a.	M23
T 24	11 23 2	22°29'04	18°47	6°36	7°14	22°14	11°49	0°53	2°44	24°49	21° 5	11°R 5	11°51	25°12	n.a.	T 24
W25	11 26 58	23°27'04	1♑48	8°27	8°28	22°57	12° 3	0°51	2°42	24°48	21° 6	11° 5	11°48	25°19	n.a.	W25
T 26	11 30 55	24°25'03	15°14	10°19	9°41	23°40	12°16	0°50	2°41	24°48	21° 7	11° 3	11°45	25°25	n.a.	T 26
F 27	11 34 51	25°23'00	29° 9	12°13	10°55	24°24	12°30	0°48	2°40	24°47	21° 9	11° 0	11°41	25°32	n.a.	F 27
S 28	11 38 48	26°20'56	13♒33	14° 9	12° 8	25° 7	12°44	0°46	2°39	24°47	21°10	10°54	11°38	25°39	n.a.	S 28
S 29	11 42 44	27°18'50	28°23	16° 7	13°22	25°50	12°57	0°45	2°37	24°46	21°11	10°45	11°35	25°45	n.a.	S 29
M30	11 46 41	28°16'43	13♓32	18° 6	14°35	26°33	13°11	0°43	2°36	24°45	21°12	10°36	11°32	25°52	n.a.	M30
T 31	11 50 37	29♓14'34	28♓51	20♓ 7	15♓49	27♓16	13♈25	0♌42	2♌35	24♏45	21♒14	10♊25	11♊29	25♍59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s37	19s23	4s36	21s21	1s28	19s27	1s12	10s27	0s48	1n46	1s 3	21n47	1n48	20n27	0n46	17s54	1n27	30s 4	16s 8	22n49	22n44	7n37		n.a.
M 2	11 16	14 21	4 58	21 12	1 36	19 8	1 14	10 10	0 48	1 51	1 3	21 47	1 48	20 27	0 46	17 54	1 27	30 3	16 9	22 48	22 44	7 34		n.a.
T 3	10 55	8 24	4 58	21 2	1 43	18 49	1 15	9 53	0 47	1 56	1 3	21 48	1 48	20 28	0 46	17 54	1 27	30 3	16 9	22 46	22 44	7 32		n.a.
W 4	10 33	1 59	4 38	20 50	1 49	18 29	1 17	9 35	0 47	2 2	1 3	21 49	1 48	20 28	0 46	17 54	1 27	30 3	16 9	22 45	22 43	7 29		n.a.
T 5	10 12	4n26	3 59	20 37	1 55	18 9	1 18	9 18	0 46	2 7	1 3	21 50	1 48	20 29	0 46	17 54	1 27	30 2	16 9	22 44	22 43	7 26		n.a.
F 6	9 50	10 29	3 6	20 22	2 0	17 48	1 19	9 1	0 46	2 12	1 2	21 51	1 48	20 29	0 46	17 54	1 27	30 2	16 9	22 43	22 42	7 23		n.a.
S 7	9 28	15 49	2 2	20 6	2 5	17 27	1 20	8 43	0 45	2 18	1 2	21 52	1 48	20 30	0 46	17 54	1 27	30 1	16 9	22 43	22 42	7 20		n.a.
S 8	9 6	20 10	0 54	19 48	2 10	17 5	1 21	8 26	0 45	2 23	1 2	21 52	1 48	20 30	0 46	17 54	1 27	30 1	16 9	22 43	22 41	7 17		n.a.
M 9	8 44	23 21	0n16	19 28	2 14	16 43	1 22	8 8	0 44	2 28	1 2	21 53	1 48	20 31	0 46	17 54	1 27	30 0	16 9	22 43	22 41	7 14		n.a.
T 10	8 22	25 13	1 23	19 7	2 17	16 20	1 23	7 51	0 44	2 34	1 2	21 54	1 47	20 31	0 45	17 54	1 27	30 0	16 9	22 43	22 41	7 12		n.a.
W11	7 59	25 44	2 25	18 44	2 20	15 57	1 24	7 33	0 43	2 39	1 2	21 54	1 47	20 31	0 45	17 54	1 27	30 0	16 9	22 43	22 40	7 9		n.a.
T 12	7 37	24 56	3 18	18 19	2 22	15 33	1 25	7 15	0 43	2 44	1 2	21 55	1 47	20 32	0 45	17 54	1 27	29 59	16 10	22 42	22 40	7 6		n.a.
F 13	7 15	22 57	4 1	17 53	2 24	15 9	1 25	6 58	0 42	2 50	1 1	21 56	1 47	20 32	0 45	17 53	1 27	29 59	16 10	22 41	22 39	7 3		n.a.
S 14	6 52	19 57	4 33	17 25	2 25	14 45	1 26	6 40	0 42	2 55	1 1	21 56	1 47	20 33	0 45	17 53	1 27	29 59	16 10	22 40	22 39	7 0		n.a.
S 15	6 29	16 9	4 53	16 55	2 26	14 20	1 27	6 22	0 41	3 1	1 1	21 57	1 47	20 33	0 45	17 53	1 27	29 58	16 10	22 38	22 39	6 57		n.a.
M16	6 6	11 44	4 59	16 23	2 26	13 55	1 27	6 5	0 41	3 6	1 1	21 57	1 47	20 33	0 45	17 53	1 27	29 58	16 10	22 36	22 38	6 54		n.a.
T 17	5 44	6 53	4 53	15 50	2 25	13 30	1 27	5 47	0 40	3 11	1 1	21 58	1 47	20 34	0 45	17 53	1 27	29 58	16 10	22 34	22 38	6 51		n.a.
W18	5 21	1 48	4 33	15 16	2 24	13 4	1 28	5 29	0 40	3 17	1 1	21 59	1 47	20 34	0 45	17 53	1 27	29 57	16 10	22 32	22 37	6 49		n.a.
T 19	4 58	3s21	4 2	14 39	2 23	12 38	1 28	5 11	0 39	3 22	1 1	21 59	1 47	20 35	0 45	17 53	1 27	29 57	16 11	22 31	22 37	6 46		n.a.
F 20	4 35	8 25	3 20	14 1	2 21	12 11	1 28	4 53	0 39	3 28	1 0	22 0	1 47	20 35	0 45	17 53	1 27	29 57	16 11	22 30	22 36	6 43		n.a.
S 21	4 11	13 13	2 29	13 21	2 18	11 44	1 29	4 35	0 38	3 33	1 0	22 0	1 47	20 35	0 45	17 53	1 27	29 56	16 11	22 29	22 36	6 40		n.a.
S 22	3 48	17 34	1 30	12 40	2 15	11 17	1 29	4 17	0 38	3 39	1 0	22 0	1 47	20 36	0 45	17 52	1 27	29 56	16 11	22 28	22 36	6 37		n.a.
M23	3 25	21 16	0 26	11 57	2 12	10 50	1 29	4 0	0 37	3 44	1 0	22 1	1 47	20 36	0 45	17 52	1 27	29 56	16 11	22 28	22 35	6 34		n.a.
T 24	3 2	24 2	0s41	11 12	2 7	10 22	1 29	3 42	0 37	3 50	1 0	22 1	1 47	20 36	0 45	17 52	1 28	29 55	16 11	22 28	22 35	6 31		n.a.
W25	2 38	25 37	1 47	10 25	2 3	9 54	1 29	3 24	0 36	3 55	1 0	22 2	1 47	20 36	0 45	17 52	1 28	29 55	16 12	22 28	22 34	6 28		n.a.
T 26	2 15	25 46	2 50	9 37	1 57	9 26	1 29	3 6	0 36	4 1	1 0	22 2	1 46	20 37	0 45	17 52	1 28	29 55	16 12	22 28	22 34	6 25		n.a.
F 27	1 52	24 20	3 45	8 48	1 51	8 57	1 28	2 48	0 35	4 6	1 0	22 2	1 46	20 37	0 45	17 52	1 28	29 55	16 12	22 28	22 33	6 22		n.a.
S 28	1 28	21 18	4 28	7 57	1 45	8 28	1 28	2 30	0 35	4 12	0 59	22 3	1 46	20 37	0 45	17 51	1 28	29 54	16 12	22 27	22 33	6 20		n.a.
S 29	1 5	16 49	4 55	7 4	1 38	7 59	1 28	2 12	0 34	4 17	0 59	22 3	1 46	20 37	0 45	17 51	1 28	29 54	16 13	22 26	22 33	6 17		n.a.
M30	0 42	11 12	5 1	6 10	1 31	7 30	1 27	1 54	0 33	4 23	0 59	22 3	1 46	20 38	0 45	17 51	1 28	29 54	16 13	22 24	22 32	6 14		n.a.
T 31	0s18	4s50	4s46	5s14	1s23	7s 1	1s27	1s36	0s33	4n28	0s59	22n 3	1n46	20n38	0n45	17s51	1n28	29s54	16s13	22n23	22n32	6n11		n.a.

Julian Day Number = 1303636.5, Delta T = 07h48m03s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'52, Lahiri = -19°44'51 Julian Calendar 1 March 1144 BCE == Greg. Calendar 18 Feb. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

APRIL 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 54 34	0♈12'23	14♈ 7	22♓10	17♓ 2	27♓59	13♈39	0°R40	2°R34	24°R44	21♒15	10°R16	11♊25	26♍ 6	n.a.	W 1
T 2	11 58 31	1°10'11	29°11	24°14	18°16	28°42	13°53	0♌39	2♌33	24♏43	21°16	10♊ 9	11°22	26°12	n.a.	T 2
F 3	12 2 27	2° 7'57	13♉53	26°20	19°29	29°25	14° 6	0°38	2°32	24°42	21°17	10° 4	11°19	26°19	n.a.	F 3
S 4	12 6 24	3° 5'42	28° 9	28°27	20°43	0♈ 8	14°20	0°37	2°31	24°41	21°18	10° 1	11°16	26°26	n.a.	S 4
S 5	12 10 20	4° 3'25	11♊56	0♈35	21°56	0°51	14°34	0°36	2°31	24°41	21°20	10°D 1	11°13	26°32	n.a.	S 5
M 6	12 14 17	5° 1'06	25°16	2°44	23°10	1°34	14°48	0°35	2°30	24°40	21°21	10° 1	11°10	26°39	n.a.	M 6
T 7	12 18 13	5°58'45	8♋12	4°54	24°23	2°17	15° 2	0°35	2°29	24°39	21°22	10°R 2	11° 6	26°46	n.a.	T 7
W 8	12 22 10	6°56'22	20°47	7° 4	25°37	2°59	15°16	0°34	2°28	24°38	21°23	10° 1	11° 3	26°53	n.a.	W 8
T 9	12 26 6	7°53'58	3♌ 6	9°15	26°50	3°42	15°30	0°34	2°28	24°37	21°24	9°58	11° 0	26°59	n.a.	T 9
F 10	12 30 3	8°51'32	15°14	11°26	28° 4	4°25	15°44	0°33	2°27	24°36	21°25	9°52	10°57	27° 6	n.a.	F 10
S 11	12 34 0	9°49'05	27°14	13°37	29°17	5° 7	15°58	0°33	2°27	24°35	21°26	9°45	10°54	27°13	n.a.	S 11
S 12	12 37 56	10°46'36	9♍ 9	15°47	0♈31	5°50	16°12	0°33	2°26	24°34	21°27	9°35	10°51	27°19	n.a.	S 12
M13	12 41 53	11°44'05	21° 1	17°57	1°44	6°32	16°25	0°D33	2°26	24°33	21°28	9°24	10°47	27°26	n.a.	M13
T 14	12 45 49	12°41'33	2♎53	20° 5	2°58	7°14	16°39	0°33	2°25	24°32	21°29	9°14	10°44	27°33	n.a.	T 14
W15	12 49 46	13°39'00	14°47	22°13	4°11	7°57	16°53	0°33	2°25	24°31	21°30	9° 4	10°41	27°40	n.a.	W15
T 16	12 53 42	14°36'26	26°43	24°18	5°25	8°39	17° 7	0°33	2°25	24°29	21°31	8°55	10°38	27°46	n.a.	T 16
F 17	12 57 39	15°33'50	8♏44	26°22	6°38	9°21	17°21	0°33	2°25	24°28	21°32	8°49	10°35	27°53	n.a.	F 17
S 18	13 1 35	16°31'14	20°52	28°25	7°52	10° 3	17°35	0°34	2°24	24°27	21°33	8°45	10°31	28° 0	n.a.	S 18
S 19	13 5 32	17°28'36	3♐ 8	0♉25	9° 5	10°45	17°49	0°34	2°24	24°26	21°34	8°D43	10°28	28° 6	n.a.	S 19
M20	13 9 28	18°25'58	15°36	2°22	10°19	11°28	18° 3	0°35	2°D24	24°25	21°35	8°43	10°25	28°13	n.a.	M20
T 21	13 13 25	19°23'19	28°20	4°18	11°32	12°10	18°17	0°36	2°24	24°24	21°36	8°44	10°22	28°20	n.a.	T 21
W22	13 17 22	20°20'39	11♑21	6°11	12°46	12°52	18°31	0°36	2°24	24°22	21°37	8°45	10°19	28°27	n.a.	W22
T 23	13 21 18	21°17'58	24°45	8° 1	13°59	13°33	18°45	0°37	2°24	24°21	21°38	8°R46	10°16	28°33	n.a.	T 23
F 24	13 25 15	22°15'17	8♒33	9°49	15°13	14°15	18°59	0°38	2°25	24°20	21°39	8°44	10°12	28°40	n.a.	F 24
S 25	13 29 11	23°12'35	22°45	11°34	16°27	14°57	19°13	0°40	2°25	24°18	21°40	8°41	10° 9	28°47	n.a.	S 25
S 26	13 33 8	24° 9'52	7♓21	13°16	17°40	15°39	19°27	0°41	2°25	24°17	21°40	8°37	10° 6	28°54	n.a.	S 26
M27	13 37 4	25° 7'09	22°16	14°56	18°54	16°21	19°41	0°42	2°25	24°16	21°41	8°31	10° 3	29° 0	n.a.	M27
T 28	13 41 1	26° 4'25	7♈22	16°33	20° 7	17° 2	19°55	0°44	2°26	24°14	21°42	8°25	10° 0	29° 7	n.a.	T 28
W29	13 44 57	27° 1'40	22°30	18° 7	21°21	17°44	20° 9	0°45	2°26	24°13	21°43	8°19	9°57	29°14	n.a.	W29
T 30	13 48 54	27♈58'54	7♉30	19♉38	22♈34	18♈26	20♈22	0♌47	2♌27	24♏12	21♒43	8♊14	9♊53	29♍20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n 5	1n48	4s11	4s18	1s15	6s31	1s26	1s18	0s32	4n34	0s59	22n 3	1n46	20n38	0n45	17s51	1n28	29s53	16s13	22n21	22n31	6n 8		n.a.
T 2	0 28	8 16	3 19	3 20	1 6	6 1	1 26	1 0	0 32	4 40	0 59	22 4	1 46	20 38	0 45	17 50	1 28	29 53	16 13	22 20	22 31	6 5		n.a.
F 3	0 52	14 8	2 14	2 21	0 57	5 32	1 25	0 43	0 31	4 45	0 59	22 4	1 46	20 39	0 45	17 50	1 28	29 53	16 14	22 19	22 30	6 2		n.a.
S 4	1 15	19 3	1 3	1 21	0 47	5 2	1 24	0 25	0 31	4 51	0 59	22 4	1 46	20 39	0 45	17 50	1 28	29 53	16 14	22 19	22 30	5 59		n.a.
S 5	1 38	22 46	0n10	0 20	0 37	4 31	1 24	0 7	0 30	4 56	0 59	22 4	1 46	20 39	0 45	17 50	1 28	29 53	16 14	22 19	22 29	5 56		n.a.
M 6	2 2	25 5	1 20	0n41	0 27	4 1	1 23	0n11	0 30	5 2	0 58	22 4	1 45	20 39	0 45	17 49	1 28	29 53	16 14	22 19	22 29	5 53		n.a.
T 7	2 25	25 58	2 24	1 43	0 17	3 31	1 22	0 29	0 29	5 7	0 58	22 4	1 45	20 39	0 45	17 49	1 28	29 52	16 15	22 19	22 29	5 50		n.a.
W 8	2 48	25 28	3 19	2 45	0 6	3 0	1 21	0 46	0 28	5 13	0 58	22 4	1 45	20 39	0 45	17 49	1 28	29 52	16 15	22 19	22 28	5 47		n.a.
T 9	3 11	23 44	4 4	3 47	0n 4	2 30	1 20	1 4	0 28	5 18	0 58	22 4	1 45	20 39	0 45	17 49	1 28	29 52	16 15	22 19	22 28	5 44		n.a.
F 10	3 34	20 55	4 37	4 49	0 15	1 59	1 19	1 22	0 27	5 24	0 58	22 4	1 45	20 40	0 45	17 48	1 28	29 52	16 15	22 18	22 27	5 42		n.a.
S 11	3 57	17 16	4 57	5 51	0 25	1 28	1 18	1 40	0 27	5 29	0 58	22 4	1 45	20 40	0 45	17 48	1 28	29 52	16 16	22 17	22 27	5 39		n.a.
S 12	4 20	12 57	5 4	6 52	0 36	0 57	1 16	1 57	0 26	5 35	0 58	22 4	1 45	20 40	0 45	17 48	1 28	29 52	16 16	22 15	22 26	5 36		n.a.
M13	4 43	8 10	4 58	7 52	0 46	0 27	1 15	2 15	0 26	5 40	0 58	22 4	1 45	20 40	0 45	17 48	1 28	29 52	16 16	22 13	22 26	5 33		n.a.
T 14	5 6	3 5	4 39	8 50	0 56	0n 4	1 14	2 32	0 25	5 46	0 58	22 4	1 45	20 40	0 44	17 47	1 28	29 52	16 17	22 12	22 25	5 30		n.a.
W15	5 28	2s 7	4 8	9 48	1 6	0 35	1 13	2 50	0 24	5 51	0 58	22 4	1 45	20 40	0 44	17 47	1 28	29 51	16 17	22 10	22 25	5 27		n.a.
T 16	5 51	7 17	3 25	10 44	1 15	1 6	1 11	3 7	0 24	5 57	0 58	22 4	1 44	20 40	0 44	17 47	1 28	29 51	16 17	22 9	22 24	5 24		n.a.
F 17	6 13	12 13	2 34	11 38	1 23	1 37	1 10	3 25	0 23	6 2	0 58	22 3	1 44	20 40	0 44	17 46	1 28	29 51	16 17	22 8	22 24	5 21		n.a.
S 18	6 36	16 45	1 34	12 30	1 32	2 8	1 8	3 42	0 23	6 8	0 57	22 3	1 44	20 40	0 44	17 46	1 28	29 51	16 18	22 7	22 24	5 18		n.a.
S 19	6 58	20 38	0 30	13 21	1 39	2 38	1 7	3 59	0 22	6 13	0 57	22 3	1 44	20 40	0 44	17 46	1 28	29 51	16 18	22 7	22 23	5 15		n.a.
M20	7 20	23 39	0s37	14 9	1 46	3 9	1 5	4 17	0 21	6 19	0 57	22 3	1 44	20 40	0 44	17 45	1 28	29 51	16 18	22 7	22 23	5 12		n.a.
T 21	7 43	25 33	1 44	14 56	1 53	3 40	1 3	4 34	0 21	6 24	0 57	22 3	1 44	20 40	0 44	17 45	1 28	29 51	16 19	22 7	22 22	5 9		n.a.
W22	8 4	26 6	2 47	15 40	1 59	4 11	1 2	4 51	0 20	6 30	0 57	22 2	1 44	20 40	0 44	17 45	1 28	29 51	16 19	22 7	22 22	5 6		n.a.
T 23	8 26	25 10	3 42	16 21	2 4	4 41	1 0	5 8	0 20	6 35	0 57	22 2	1 44	20 40	0 44	17 44	1 28	29 51	16 19	22 7	22 21	5 3		n.a.
F 24	8 48	22 43	4 27	17 1	2 8	5 12	0 58	5 25	0 19	6 41	0 57	22 2	1 44	20 40	0 44	17 44	1 28	29 51	16 20	22 7	22 21	5 0		n.a.
S 25	9 10	18 49	4 57	17 38	2 12	5 42	0 57	5 42	0 19	6 46	0 57	22 1	1 43	20 40	0 44	17 44	1 28	29 51	16 20	22 7	22 20	4 57		n.a.
S 26	9 31	13 42	5 8	18 13	2 15	6 12	0 55	5 59	0 18	6 51	0 57	22 1	1 43	20 39	0 44	17 43	1 28	29 51	16 20	22 6	22 20	4 54		n.a.
M27	9 53	7 41	5 0	18 45	2 17	6 42	0 53	6 16	0 17	6 57	0 57	22 0	1 43	20 39	0 44	17 43	1 28	29 51	16 21	22 5	22 19	4 51		n.a.
T 28	10 14	1 9	4 30	19 16	2 18	7 12	0 51	6 33	0 17	7 2	0 57	22 0	1 43	20 39	0 44	17 43	1 28	29 51	16 21	22 4	22 19	4 48		n.a.
W29	10 35	5n28	3 42	19 44	2 19	7 42	0 49	6 49	0 16	7 7	0 57	22 0	1 43	20 39	0 44	17 42	1 28	29 51	16 21	22 3	22 18	4 45		n.a.
T 30	10n56	11n45	2s39	20n 9	2n19	8n12	0s47	7n 6	0s16	7n13	0s57	21n59	1n43	20n39	0n44	17s42	1n28	29s51	16s22	22n 2	22n18	4n42		n.a.

Julian Day Number = 1303667.5, Delta T = 07h48m01s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'47, Lahiri = -19°44'47 Julian Calendar 1 Apr. 1144 BCE == Greg. Calendar 21 March 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

MAY 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 52 51	28♈56'08	22♉13	21♉ 6	23♈48	19♈ 7	20♈36	0♌48	2♌27	24°R10	21♒44	8°R12	9♊50	29♍27	n.a.	F 1
S 2	13 56 47	29°53'21	6♊33	22°32	25° 2	19°49	20°50	0°50	2°28	24♏ 9	21°45	8°D11	9°47	29°34	n.a.	S 2
S 3	14 0 44	0♉50'33	20°26	23°54	26°15	20°30	21° 4	0°52	2°28	24° 7	21°46	8♊11	9°44	29°41	n.a.	S 3
M 4	14 4 40	1°47'44	3♋52	25°14	27°29	21°11	21°18	0°54	2°29	24° 6	21°46	8°12	9°41	29°47	n.a.	M 4
T 5	14 8 37	2°44'54	16°53	26°31	28°42	21°53	21°32	0°56	2°30	24° 4	21°47	8°14	9°37	29°54	n.a.	T 5
W 6	14 12 33	3°42'04	29°32	27°44	29°56	22°34	21°45	0°59	2°31	24° 3	21°47	8°R15	9°34	0♎ 1	n.a.	W 6
T 7	14 16 30	4°39'12	11♌53	28°55	1♉ 9	23°15	21°59	1° 1	2°32	24° 1	21°48	8°15	9°31	0° 7	n.a.	T 7
F 8	14 20 27	5°36'20	24° 0	0♊ 2	2°23	23°57	22°13	1° 3	2°32	24° 0	21°49	8°13	9°28	0°14	n.a.	F 8
S 9	14 24 23	6°33'27	5♍58	1° 6	3°37	24°38	22°27	1° 6	2°33	23°58	21°49	8°10	9°25	0°21	n.a.	S 9
S 10	14 28 20	7°30'33	17°52	2° 7	4°50	25°19	22°40	1° 8	2°34	23°57	21°50	8° 6	9°22	0°28	n.a.	S 10
M11	14 32 16	8°27'39	29°43	3° 4	6° 4	26° 0	22°54	1°11	2°35	23°55	21°50	8° 1	9°18	0°34	n.a.	M11
T 12	14 36 13	9°24'44	11♎37	3°58	7°17	26°41	23° 8	1°14	2°37	23°54	21°51	7°56	9°15	0°41	n.a.	T 12
W13	14 40 9	10°21'48	23°34	4°48	8°31	27°22	23°21	1°17	2°38	23°52	21°51	7°52	9°12	0°48	n.a.	W13
T 14	14 44 6	11°18'52	5♏37	5°35	9°45	28° 3	23°35	1°20	2°39	23°51	21°52	7°48	9° 9	0°54	n.a.	T 14
F 15	14 48 2	12°15'56	17°49	6°18	10°58	28°43	23°48	1°23	2°40	23°49	21°52	7°45	9° 6	1° 1	n.a.	F 15
S 16	14 51 59	13°13'00	0♐ 9	6°57	12°12	29°24	24° 2	1°26	2°41	23°48	21°52	7°44	9° 2	1° 8	n.a.	S 16
S 17	14 55 56	14°10'03	12°40	7°32	13°26	0♑ 5	24°16	1°29	2°43	23°46	21°53	7°D44	8°59	1°15	n.a.	S 17
M18	14 59 52	15° 7'07	25°23	8° 3	14°39	0°46	24°29	1°32	2°44	23°44	21°53	7°45	8°56	1°21	n.a.	M18
T 19	15 3 49	16° 4'11	8♒19	8°29	15°53	1°26	24°42	1°36	2°46	23°43	21°53	7°46	8°53	1°28	n.a.	T 19
W20	15 7 45	17° 1'14	21°32	8°52	17° 7	2° 7	24°56	1°39	2°47	23°41	21°54	7°47	8°50	1°35	n.a.	W20
T 21	15 11 42	17°58'18	5♓ 1	9°10	18°20	2°48	25° 9	1°43	2°49	23°40	21°54	7°48	8°47	1°41	n.a.	T 21
F 22	15 15 38	18°55'22	18°48	9°23	19°34	3°28	25°23	1°47	2°50	23°38	21°54	7°R49	8°43	1°48	n.a.	F 22
S 23	15 19 35	19°52'27	2♈52	9°32	20°48	4° 9	25°36	1°50	2°52	23°36	21°55	7°48	8°40	1°55	n.a.	S 23
S 24	15 23 32	20°49'31	17°14	9°R36	22° 1	4°49	25°49	1°54	2°54	23°35	21°55	7°47	8°37	2° 2	n.a.	S 24
M25	15 27 28	21°46'36	1♈49	9°36	23°15	5°30	26° 2	1°58	2°55	23°33	21°55	7°46	8°34	2° 8	n.a.	M25
T 26	15 31 25	22°43'41	16°33	9°31	24°29	6°10	26°15	2° 2	2°57	23°31	21°55	7°44	8°31	2°15	n.a.	T 26
W27	15 35 21	23°40'47	1♉19	9°21	25°43	6°50	26°29	2° 6	2°59	23°30	21°55	7°42	8°28	2°22	n.a.	W27
T 28	15 39 18	24°37'53	16° 0	9° 7	26°56	7°31	26°42	2°10	3° 1	23°28	21°55	7°41	8°24	2°28	n.a.	T 28
F 29	15 43 14	25°34'59	0♊30	8°49	28°10	8°11	26°55	2°14	3° 3	23°27	21°56	7°40	8°21	2°35	n.a.	F 29
S 30	15 47 11	26°32'05	14°42	8°26	29°24	8°51	27° 8	2°19	3° 5	23°25	21°56	7°D40	8°18	2°42	n.a.	S 30
S 31	15 51 7	27♉29'12	28♊32	8♊ 0	0♊38	9♉31	27♈21	2♌23	3♌ 7	23♏23	21♒56	7♊41	8♊15	2♎48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n16	17n15	1s26	20n33	2n18	8n41	0s45	7n22	0s15	7n18	0s57	21n59	1n43	20n39	0n44	17s42	1n28	29s51	16s22	22n 2	22n17	4n39		n.a.
S 2	11 37	21 37	0 9	20 54	2 17	9 11	0 43	7 39	0 14	7 24	0 57	21 58	1 43	20 39	0 44	17 41	1 28	29 51	16 22	22 2	22 17	4 36		n.a.
S 3	11 57	24 35	1n 6	21 13	2 14	9 40	0 41	7 55	0 14	7 29	0 57	21 58	1 43	20 38	0 44	17 41	1 29	29 52	16 23	22 2	22 16	4 33		n.a.
M 4	12 18	26 2	2 15	21 31	2 11	10 9	0 39	8 12	0 13	7 34	0 56	21 57	1 42	20 38	0 44	17 41	1 29	29 52	16 23	22 2	22 16	4 30		n.a.
T 5	12 38	25 58	3 15	21 46	2 8	10 37	0 37	8 28	0 13	7 39	0 56	21 56	1 42	20 38	0 44	17 40	1 29	29 52	16 23	22 2	22 15	4 27		n.a.
W 6	12 57	24 33	4 4	21 59	2 3	11 6	0 34	8 44	0 12	7 45	0 56	21 56	1 42	20 38	0 44	17 40	1 29	29 52	16 24	22 2	22 15	4 24		n.a.
T 7	13 17	21 58	4 40	22 10	1 58	11 34	0 32	9 0	0 11	7 50	0 56	21 55	1 42	20 38	0 44	17 39	1 29	29 52	16 24	22 2	22 14	4 21		n.a.
F 8	13 36	18 29	5 2	22 19	1 52	12 2	0 30	9 16	0 11	7 55	0 56	21 55	1 42	20 37	0 44	17 39	1 29	29 52	16 24	22 2	22 14	4 18		n.a.
S 9	13 56	14 17	5 12	22 26	1 45	12 29	0 28	9 32	0 10	8 0	0 56	21 54	1 42	20 37	0 44	17 39	1 29	29 52	16 25	22 2	22 14	4 15		n.a.
S 10	14 15	9 34	5 7	22 31	1 38	12 57	0 25	9 48	0 10	8 6	0 56	21 53	1 42	20 37	0 44	17 38	1 29	29 52	16 25	22 1	22 13	4 12		n.a.
M11	14 33	4 32	4 50	22 35	1 30	13 24	0 23	10 4	0 9	8 11	0 56	21 52	1 42	20 37	0 44	17 38	1 29	29 53	16 25	22 0	22 13	4 9		n.a.
T 12	14 52	0s41	4 20	22 37	1 21	13 50	0 21	10 19	0 8	8 16	0 56	21 52	1 42	20 36	0 43	17 37	1 29	29 53	16 26	21 59	22 12	4 6		n.a.
W13	15 10	5 55	3 39	22 37	1 11	14 17	0 19	10 35	0 8	8 21	0 56	21 51	1 42	20 36	0 43	17 37	1 29	29 53	16 26	21 59	22 12	4 3		n.a.
T 14	15 28	10 59	2 47	22 35	1 1	14 43	0 16	10 50	0 7	8 26	0 56	21 50	1 41	20 36	0 43	17 37	1 29	29 53	16 27	21 58	22 11	4 0		n.a.
F 15	15 46	15 42	1 47	22 32	0 50	15 9	0 14	11 6	0 7	8 31	0 56	21 49	1 41	20 35	0 43	17 36	1 29	29 53	16 27	21 58	22 11	3 57		n.a.
S 16	16 4	19 50	0 42	22 28	0 39	15 34	0 12	11 21	0 6	8 36	0 56	21 49	1 41	20 35	0 43	17 36	1 29	29 53	16 27	21 57	22 10	3 54		n.a.
S 17	16 21	23 8	0s27	22 22	0 27	15 59	0 9	11 36	0 5	8 41	0 56	21 48	1 41	20 35	0 43	17 36	1 29	29 54	16 28	21 57	22 10	3 51		n.a.
M18	16 38	25 21	1 36	22 14	0 14	16 23	0 7	11 51	0 5	8 46	0 56	21 47	1 41	20 34	0 43	17 35	1 29	29 54	16 28	21 58	22 9	3 48		n.a.
T 19	16 55	26 14	2 41	22 5	0 1	16 47	0 5	12 6	0 4	8 51	0 56	21 46	1 41	20 34	0 43	17 35	1 29	29 54	16 28	21 58	22 9	3 45		n.a.
W20	17 12	25 40	3 38	21 55	0s13	17 11	0 2	12 21	0 3	8 56	0 56	21 45	1 41	20 33	0 43	17 34	1 29	29 54	16 29	21 58	22 8	3 42		n.a.
T 21	17 28	23 36	4 25	21 44	0 28	17 34	0n 0	12 36	0 3	9 1	0 56	21 44	1 41	20 33	0 43	17 34	1 29	29 55	16 29	21 58	22 8	3 39		n.a.
F 22	17 44	20 9	4 58	21 31	0 42	17 57	0 2	12 50	0 2	9 6	0 56	21 43	1 41	20 33	0 43	17 34	1 29	29 55	16 30	21 58	22 7	3 36		n.a.
S 23	18 0	15 29	5 14	21 18	0 58	18 19	0 5	13 5	0 2	9 11	0 56	21 42	1 41	20 32	0 43	17 33	1 29	29 55	16 30	21 58	22 7	3 33		n.a.
S 24	18 15	9 53	5 11	21 3	1 13	18 41	0 7	13 19	0 1	9 16	0 56	21 41	1 40	20 32	0 43	17 33	1 29	29 55	16 30	21 58	22 6	3 30		n.a.
M25	18 30	3 40	4 48	20 47	1 29	19 3	0 10	13 34	0 0	9 21	0 56	21 40	1 40	20 31	0 43	17 32	1 29	29 56	16 31	21 58	22 6	3 27		n.a.
T 26	18 45	2n50	4 6	20 31	1 44	19 24	0 12	13 48	0n 0	9 26	0 56	21 39	1 40	20 31	0 43	17 32	1 29	29 56	16 31	21 57	22 5	3 24		n.a.
W27	19 0	9 12	3 8	20 14	2 0	19 44	0 14	14 2	0 1	9 31	0 56	21 38	1 40	20 30	0 43	17 32	1 29	29 56	16 31	21 57	22 5	3 21		n.a.
T 28	19 14	15 2	1 57	19 56	2 16	20 4	0 17	14 16	0 1	9 36	0 56	21 37	1 40	20 30	0 43	17 31	1 29	29 57	16 32	21 57	22 4	3 18		n.a.
F 29	19 28	19 57	0 40	19 38	2 32	20 23	0 19	14 30	0 2	9 40	0 56	21 36	1 40	20 29	0 43	17 31	1 29	29 57	16 32	21 57	22 4	3 15		n.a.
S 30	19 42	23 35	0n39	19 20	2 47	20 42	0 21	14 43	0 3	9 45	0 56	21 35	1 40	20 29	0 43	17 30	1 28	29 57	16 33	21 57	22 3	3 12		n.a.
S 31	19n55	25n42	1n53	19n 1	3s 1	21n 0	0n24	14n57	0n 3	9n50	0s56	21n34	1n40	20n28	0n43	17s30	1n28	29s58	16s33	21n57	22n 3	3n 9		n.a.

Julian Day Number = 1303697.5, Delta T = 07h48m00s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'43, Lahiri = -19°44'43 Julian Calendar 1 May 1144 BCE == Greg. Calendar 20 Apr. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

JUNE 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 55 4	28♉26'19	11♋59	7°R31	1♊51	10♉11	27♈33	2♌28	3♌ 9	23°R22	21♒56	7♊41	8♊12	2♎55	n.a.	M 1
T 2	15 59 1	29°23'25	25° 3	6♊58	3° 5	10°51	27°46	2°32	3°11	23♏20	21°R56	7°42	8° 8	3° 2	n.a.	T 2
W 3	16 2 57	0♊20'32	7♌45	6°23	4°19	11°31	27°59	2°37	3°13	23°19	21°56	7°43	8° 5	3° 9	n.a.	W 3
T 4	16 6 54	1°17'39	20° 9	5°46	5°33	12°11	28°12	2°41	3°16	23°17	21°56	7°43	8° 2	3°15	n.a.	T 4
F 5	16 10 50	2°14'47	2♍18	5° 7	6°47	12°51	28°24	2°46	3°18	23°15	21°56	7°R44	7°59	3°22	n.a.	F 5
S 6	16 14 47	3°11'54	14°17	4°28	8° 1	13°31	28°37	2°51	3°20	23°14	21°56	7°43	7°56	3°29	n.a.	S 6
S 7	16 18 43	4° 9'01	26°11	3°49	9°14	14°11	28°50	2°56	3°22	23°12	21°56	7°43	7°53	3°35	n.a.	S 7
M 8	16 22 40	5° 6'09	8♎ 3	3°10	10°28	14°51	29° 2	3° 1	3°25	23°11	21°55	7°43	7°49	3°42	n.a.	M 8
T 9	16 26 37	6° 3'17	19°59	2°32	11°42	15°30	29°15	3° 6	3°27	23° 9	21°55	7°43	7°46	3°49	n.a.	T 9
W10	16 30 33	7° 0'26	2♏ 0	1°57	12°56	16°10	29°27	3°11	3°30	23° 7	21°55	7°42	7°43	3°56	n.a.	W10
T 11	16 34 30	7°57'35	14°11	1°24	14°10	16°50	29°39	3°16	3°32	23° 6	21°55	7°D42	7°40	4° 2	n.a.	T 11
F 12	16 38 26	8°54'45	26°34	0°55	15°24	17°29	29°51	3°21	3°35	23° 4	21°55	7°42	7°37	4° 9	n.a.	F 12
S 13	16 42 23	9°51'55	9♐10	0°29	16°38	18° 9	0♑ 4	3°27	3°37	23° 3	21°55	7°R42	7°34	4°16	n.a.	S 13
S 14	16 46 19	10°49'06	22° 0	0° 7	17°51	18°48	0°16	3°32	3°40	23° 1	21°54	7°42	7°30	4°22	n.a.	S 14
M15	16 50 16	11°46'18	5♑ 4	29♑50	19° 5	19°28	0°28	3°37	3°43	23° 0	21°54	7°42	7°27	4°29	n.a.	M15
T 16	16 54 12	12°43'31	18°23	29°39	20°19	20° 7	0°40	3°43	3°45	22°58	21°54	7°42	7°24	4°36	n.a.	T 16
W17	16 58 9	13°40'45	1♒55	29°32	21°33	20°47	0°52	3°48	3°48	22°57	21°53	7°41	7°21	4°43	n.a.	W17
T 18	17 2 6	14°38'00	15°40	29°D32	22°47	21°26	1° 4	3°54	3°51	22°55	21°53	7°40	7°18	4°49	n.a.	T 18
F 19	17 6 2	15°35'16	29°35	29°37	24° 1	22° 5	1°15	4° 0	3°53	22°54	21°53	7°40	7°14	4°56	n.a.	F 19
S 20	17 9 59	16°32'33	13♓41	29°48	25°15	22°45	1°27	4° 5	3°56	22°52	21°52	7°D39	7°11	5° 3	n.a.	S 20
S 21	17 13 55	17°29'52	27°54	0♊ 6	26°29	23°24	1°39	4°11	3°59	22°51	21°52	7°40	7° 8	5° 9	n.a.	S 21
M22	17 17 52	18°27'11	12♈12	0°29	27°43	24° 3	1°50	4°17	4° 2	22°49	21°52	7°40	7° 5	5°16	n.a.	M22
T 23	17 21 48	19°24'32	26°33	0°59	28°57	24°42	2° 2	4°23	4° 5	22°48	21°51	7°41	7° 2	5°23	n.a.	T 23
W24	17 25 45	20°21'55	10♉53	1°35	0♋11	25°21	2°13	4°29	4° 8	22°47	21°51	7°42	6°59	5°30	n.a.	W24
T 25	17 29 41	21°19'18	25° 8	2°17	1°25	26° 1	2°24	4°35	4°11	22°45	21°50	7°43	6°55	5°36	n.a.	T 25
F 26	17 33 38	22°16'43	9♊14	3° 5	2°39	26°40	2°35	4°41	4°14	22°44	21°50	7°R43	6°52	5°43	n.a.	F 26
S 27	17 37 35	23°14'09	23° 7	3°59	3°53	27°19	2°46	4°47	4°17	22°43	21°49	7°42	6°49	5°50	n.a.	S 27
S 28	17 41 31	24°11'37	6♋44	4°59	5° 7	27°58	2°58	4°53	4°20	22°41	21°49	7°41	6°46	5°56	n.a.	S 28
M29	17 45 28	25° 9'05	20° 3	6° 5	6°21	28°36	3° 8	4°59	4°23	22°40	21°48	7°39	6°43	6° 3	n.a.	M29
T 30	17 49 24	26♊ 6'35	3♌ 3	7♊16	7♋35	29♉15	3♉19	5♌ 6	4♌26	22♏39	21♒48	7♊37	6♊40	6♎10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 8	26n15	2n59	18n43	3s15	21n18	0n26	15n10	0n 4	9n55	0s56	21n33	1n40	20n28	0n43	17s30	1n28	29s58	16s33	21n57	22n 2	3n 6		n.a.
T 2	20 21	25 17	3 53	18 24	3 28	21 35	0 28	15 24	0 5	9 59	0 56	21 32	1 40	20 27	0 43	17 29	1 28	29 58	16 34	21 57	22 1	3 3		n.a.
W 3	20 33	23 3	4 35	18 6	3 41	21 51	0 30	15 37	0 5	10 4	0 56	21 31	1 40	20 27	0 43	17 29	1 28	29 59	16 34	21 57	22 1	3 0		n.a.
T 4	20 45	19 46	5 2	17 49	3 52	22 7	0 33	15 50	0 6	10 8	0 56	21 30	1 40	20 26	0 43	17 28	1 28	29 59	16 34	21 57	22 0	2 57		n.a.
F 5	20 57	15 43	5 15	17 32	4 2	22 22	0 35	16 3	0 6	10 13	0 56	21 28	1 39	20 26	0 43	17 28	1 28	29 59	16 35	21 57	22 0	2 54		n.a.
S 6	21 8	11 6	5 15	17 17	4 10	22 37	0 37	16 16	0 7	10 18	0 56	21 27	1 39	20 25	0 43	17 28	1 28	30 0	16 35	21 57	21 59	2 51		n.a.
S 7	21 19	6 7	5 1	17 3	4 18	22 50	0 39	16 29	0 8	10 22	0 56	21 26	1 39	20 25	0 43	17 27	1 28	30 0	16 36	21 57	21 59	2 48		n.a.
M 8	21 30	0 56	4 34	16 50	4 23	23 4	0 41	16 41	0 8	10 27	0 56	21 25	1 39	20 24	0 43	17 27	1 28	30 0	16 36	21 57	21 58	2 45		n.a.
T 9	21 40	4s19	3 55	16 38	4 27	23 16	0 43	16 54	0 9	10 31	0 56	21 23	1 39	20 23	0 43	17 26	1 28	30 1	16 36	21 57	21 58	2 42		n.a.
W10	21 50	9 28	3 5	16 29	4 30	23 28	0 45	17 6	0 9	10 35	0 56	21 22	1 39	20 23	0 43	17 26	1 28	30 1	16 37	21 57	21 57	2 38		n.a.
T 11	22 0	14 21	2 7	16 22	4 31	23 39	0 47	17 18	0 10	10 40	0 56	21 21	1 39	20 22	0 43	17 26	1 28	30 2	16 37	21 57	21 57	2 35		n.a.
F 12	22 9	18 43	1 1	16 16	4 30	23 50	0 49	17 30	0 11	10 44	0 56	21 20	1 39	20 22	0 43	17 25	1 28	30 2	16 37	21 57	21 56	2 32		n.a.
S 13	22 18	22 19	0s 8	16 13	4 28	24 0	0 51	17 42	0 11	10 48	0 56	21 18	1 39	20 21	0 42	17 25	1 28	30 2	16 38	21 57	21 56	2 29		n.a.
S 14	22 26	24 53	1 18	16 13	4 24	24 9	0 53	17 54	0 12	10 53	0 56	21 17	1 39	20 20	0 42	17 25	1 28	30 3	16 38	21 57	21 55	2 26		n.a.
M15	22 34	26 10	2 26	16 14	4 19	24 17	0 55	18 5	0 13	10 57	0 56	21 16	1 39	20 20	0 42	17 24	1 28	30 3	16 38	21 57	21 55	2 23		n.a.
T 16	22 42	25 58	3 27	16 18	4 12	24 25	0 57	18 17	0 13	11 1	0 56	21 14	1 39	20 19	0 42	17 24	1 28	30 4	16 39	21 57	21 54	2 20		n.a.
W17	22 49	24 14	4 17	16 24	4 4	24 32	0 59	18 28	0 14	11 5	0 56	21 13	1 39	20 18	0 42	17 24	1 28	30 4	16 39	21 57	21 54	2 17		n.a.
T 18	22 56	21 4	4 54	16 33	3 55	24 38	1 1	18 39	0 14	11 10	0 56	21 11	1 39	20 18	0 42	17 23	1 28	30 5	16 40	21 57	21 53	2 14		n.a.
F 19	23 2	16 41	5 13	16 44	3 45	24 44	1 2	18 50	0 15	11 14	0 56	21 10	1 39	20 17	0 42	17 23	1 28	30 5	16 40	21 57	21 53	2 11		n.a.
S 20	23 8	11 21	5 15	16 57	3 34	24 49	1 4	19 1	0 16	11 18	0 56	21 9	1 38	20 16	0 42	17 22	1 28	30 6	16 40	21 57	21 52	2 8		n.a.
S 21	23 14	5 23	4 57	17 12	3 23	24 53	1 6	19 11	0 16	11 22	0 56	21 7	1 38	20 15	0 42	17 22	1 28	30 6	16 41	21 57	21 51	2 5		n.a.
M22	23 19	0n54	4 21	17 29	3 10	24 56	1 7	19 22	0 17	11 26	0 56	21 6	1 38	20 15	0 42	17 22	1 28	30 6	16 41	21 57	21 51	2 2		n.a.
T 23	23 24	7 10	3 28	17 48	2 57	24 58	1 9	19 32	0 18	11 30	0 56	21 4	1 38	20 14	0 42	17 21	1 28	30 7	16 41	21 57	21 50	1 59		n.a.
W24	23 28	13 4	2 23	18 9	2 44	25 0	1 10	19 43	0 18	11 34	0 56	21 3	1 38	20 13	0 42	17 21	1 28	30 7	16 42	21 57	21 50	1 56		n.a.
T 25	23 33	18 15	1 9	18 31	2 30	25 1	1 12	19 53	0 19	11 38	0 56	21 1	1 38	20 13	0 42	17 21	1 28	30 8	16 42	21 57	21 49	1 52		n.a.
F 26	23 36	22 20	0n 8	18 54	2 15	25 1	1 13	20 3	0 19	11 42	0 56	21 0	1 38	20 12	0 42	17 21	1 28	30 8	16 42	21 57	21 49	1 49		n.a.
S 27	23 39	25 3	1 24	19 19	2 1	25 1	1 14	20 12	0 20	11 45	0 56	20 58	1 38	20 11	0 42	17 20	1 28	30 9	16 43	21 57	21 48	1 46		n.a.
S 28	23 42	26 13	2 33	19 44	1 46	25 0	1 16	20 22	0 21	11 49	0 56	20 56	1 38	20 10	0 42	17 20	1 28	30 9	16 43	21 57	21 48	1 43		n.a.
M29	23 44	25 49	3 33	20 10	1 32	24 57	1 17	20 31	0 21	11 53	0 56	20 55	1 38	20 9	0 42	17 20	1 28	30 10	16 43	21 57	21 47	1 40		n.a.
T 30	23n46	24n 0	4n19	20n37	1s17	24n55	1n18	20n41	0n22	11n57	0s56	20n53	1n38	20n 9	0n42	17s19	1n28	30s10	16s44	21n56	21n47	1n37		n.a.

Julian Day Number = 1303728.5, Delta T = 07h47m58s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'39, Lahiri = -19°44'39 Julian Calendar 1 June 1144 BCE == Greg. Calendar 21 May 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

JULY 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 53 21	27♊ 4'05	15♌44	8♊33	8♋49	29♉54	3♉30	5♌12	4♌30	22°R37	21°R47	7°R34	6♊36	6♎16	n.a.	W 1
T 2	17 57 17	28° 1'37	28° 7	9°55	10° 3	0♊33	3°41	5°18	4°33	22♏36	21♒46	7♊31	6°33	6°23	n.a.	T 2
F 3	18 1 14	28°59'10	10♍17	11°22	11°17	1°12	3°51	5°25	4°36	22°35	21°46	7°29	6°30	6°30	n.a.	F 3
S 4	18 5 11	29°56'43	22°17	12°54	12°31	1°50	4° 2	5°31	4°39	22°34	21°45	7°28	6°27	6°37	n.a.	S 4
S 5	18 9 7	0♋54'18	4♎11	14°30	13°45	2°29	4°12	5°38	4°43	22°33	21°44	7°D28	6°24	6°43	n.a.	S 5
M 6	18 13 4	1°51'54	16° 3	16°10	14°59	3° 8	4°22	5°44	4°46	22°31	21°44	7°29	6°20	6°50	n.a.	M 6
T 7	18 17 0	2°49'31	27°59	17°54	16°13	3°46	4°33	5°51	4°49	22°30	21°43	7°30	6°17	6°57	n.a.	T 7
W 8	18 20 57	3°47'10	10♏ 3	19°42	17°27	4°25	4°43	5°57	4°53	22°29	21°42	7°32	6°14	7° 3	n.a.	W 8
T 9	18 24 53	4°44'49	22°19	21°32	18°41	5° 3	4°53	6° 4	4°56	22°28	21°42	7°33	6°11	7°10	n.a.	T 9
F 10	18 28 50	5°42'30	4♐51	23°25	19°56	5°42	5° 2	6°11	4°59	22°27	21°41	7°R34	6° 8	7°17	n.a.	F 10
S 11	18 32 46	6°40'13	17°41	25°20	21°10	6°20	5°12	6°17	5° 3	22°26	21°40	7°34	6° 5	7°24	n.a.	S 11
S 12	18 36 43	7°37'57	0♑50	27°16	22°24	6°59	5°22	6°24	5° 6	22°25	21°39	7°32	6° 1	7°30	n.a.	S 12
M13	18 40 40	8°35'42	14°18	29°14	23°38	7°37	5°31	6°31	5°10	22°24	21°38	7°29	5°58	7°37	n.a.	M13
T 14	18 44 36	9°33'29	28° 3	1♋13	24°52	8°15	5°41	6°38	5°13	22°23	21°38	7°24	5°55	7°44	n.a.	T 14
W15	18 48 33	10°31'18	12♒ 2	3°13	26° 6	8°54	5°50	6°45	5°17	22°22	21°37	7°19	5°52	7°50	n.a.	W15
T 16	18 52 29	11°29'09	26°11	5°13	27°20	9°32	5°59	6°51	5°20	22°21	21°36	7°14	5°49	7°57	n.a.	T 16
F 17	18 56 26	12°27'01	10♓26	7°14	28°34	10°10	6° 8	6°58	5°24	22°20	21°35	7°10	5°46	8° 4	n.a.	F 17
S 18	19 0 22	13°24'55	24°42	9°14	29°48	10°48	6°17	7° 5	5°28	22°19	21°34	7° 7	5°42	8°10	n.a.	S 18
S 19	19 4 19	14°22'52	8♈57	11°13	1♌ 2	11°26	6°26	7°12	5°31	22°18	21°33	7°D 6	5°39	8°17	n.a.	S 19
M20	19 8 15	15°20'50	23° 7	13°13	2°16	12° 4	6°35	7°19	5°35	22°18	21°32	7° 6	5°36	8°24	n.a.	M20
T 21	19 12 12	16°18'50	7♉11	15°11	3°30	12°42	6°43	7°26	5°38	22°17	21°31	7° 7	5°33	8°31	n.a.	T 21
W22	19 16 9	17°16'53	21° 9	17° 9	4°45	13°20	6°52	7°33	5°42	22°16	21°30	7° 9	5°30	8°37	n.a.	W22
T 23	19 20 5	18°14'57	4♊58	19° 6	5°59	13°58	7° 0	7°40	5°46	22°15	21°29	7°R 9	5°26	8°44	n.a.	T 23
F 24	19 24 2	19°13'04	18°37	21° 1	7°13	14°36	7° 8	7°48	5°49	22°15	21°29	7° 9	5°23	8°51	n.a.	F 24
S 25	19 27 58	20°11'13	2♋ 6	22°56	8°27	15°14	7°16	7°55	5°53	22°14	21°28	7° 6	5°20	8°57	n.a.	S 25
S 26	19 31 55	21° 9'24	15°23	24°50	9°41	15°52	7°24	8° 2	5°57	22°13	21°27	7° 2	5°17	9° 4	n.a.	S 26
M27	19 35 51	22° 7'36	28°26	26°42	10°55	16°30	7°32	8° 9	6° 0	22°13	21°26	6°55	5°14	9°11	n.a.	M27
T 28	19 39 48	23° 5'51	11♌15	28°34	12° 9	17° 8	7°39	8°16	6° 4	22°12	21°25	6°47	5°11	9°17	n.a.	T 28
W29	19 43 44	24° 4'07	23°48	0♌24	13°23	17°45	7°47	8°24	6° 8	22°11	21°23	6°39	5° 7	9°24	n.a.	W29
T 30	19 47 41	25° 2'25	6♍ 8	2°13	14°38	18°23	7°54	8°31	6°12	22°11	21°22	6°30	5° 4	9°31	n.a.	T 30
F 31	19 51 38	26♋ 0'44	18♍15	4♌ 1	15♌52	19♊ 1	8♉ 1	8♌38	6♌15	22♏10	21♒21	6♊23	5♊ 1	9♎38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n48	21n 1	4n52	21n 4	1s 2	24n51	1n19	20n50	0n23	12n 0	0s56	20n52	1n38	20n 8	0n42	17s19	1n28	30s11	16s44	21n56	21n46	1n34		n.a.
T 2	23 49	17 9	5 10	21 31	0 48	24 47	1 20	20 59	0 23	12 4	0 56	20 50	1 38	20 7	0 42	17 19	1 28	30 11	16 44	21 55	21 45	1 31		n.a.
F 3	23 50	12 40	5 14	21 57	0 34	24 42	1 21	21 8	0 24	12 8	0 56	20 48	1 38	20 6	0 42	17 18	1 28	30 12	16 45	21 55	21 45	1 28		n.a.
S 4	23 50	7 45	5 4	22 23	0 20	24 36	1 22	21 16	0 25	12 11	0 56	20 47	1 38	20 5	0 42	17 18	1 28	30 12	16 45	21 55	21 44	1 25		n.a.
S 5	23 50	2 36	4 41	22 48	0 7	24 29	1 23	21 25	0 25	12 15	0 56	20 45	1 38	20 5	0 42	17 18	1 28	30 13	16 45	21 55	21 44	1 22		n.a.
M 6	23 49	2s38	4 6	23 11	0n 5	24 22	1 24	21 33	0 26	12 18	0 56	20 43	1 38	20 4	0 42	17 18	1 27	30 13	16 45	21 55	21 43	1 18		n.a.
T 7	23 48	7 49	3 20	23 34	0 17	24 14	1 25	21 41	0 26	12 22	0 57	20 42	1 38	20 3	0 42	17 17	1 27	30 14	16 46	21 55	21 43	1 15		n.a.
W 8	23 47	12 46	2 25	23 54	0 29	24 5	1 25	21 49	0 27	12 25	0 57	20 40	1 38	20 2	0 42	17 17	1 27	30 14	16 46	21 55	21 42	1 12		n.a.
T 9	23 45	17 19	1 23	24 13	0 40	23 55	1 26	21 57	0 28	12 28	0 57	20 38	1 38	20 1	0 42	17 17	1 27	30 15	16 46	21 56	21 42	1 9		n.a.
F 10	23 42	21 13	0 15	24 29	0 50	23 45	1 27	22 4	0 28	12 32	0 57	20 37	1 38	20 0	0 42	17 17	1 27	30 16	16 47	21 56	21 41	1 6		n.a.
S 11	23 40	24 10	0s55	24 44	0 59	23 34	1 27	22 12	0 29	12 35	0 57	20 35	1 38	20 0	0 42	17 16	1 27	30 16	16 47	21 56	21 40	1 3		n.a.
S 12	23 36	25 54	2 4	24 55	1 7	23 23	1 28	22 19	0 30	12 38	0 57	20 33	1 38	19 59	0 42	17 16	1 27	30 17	16 47	21 55	21 40	1 0		n.a.
M13	23 33	26 9	3 7	25 5	1 15	23 10	1 28	22 26	0 30	12 41	0 57	20 31	1 38	19 58	0 42	17 16	1 27	30 17	16 47	21 55	21 39	0 57		n.a.
T 14	23 29	24 49	4 1	25 11	1 22	22 57	1 28	22 33	0 31	12 44	0 57	20 30	1 38	19 57	0 42	17 16	1 27	30 18	16 48	21 54	21 39	0 54		n.a.
W15	23 24	21 57	4 41	25 15	1 28	22 43	1 28	22 40	0 32	12 47	0 57	20 28	1 38	19 56	0 42	17 16	1 27	30 18	16 48	21 53	21 38	0 51		n.a.
T 16	23 20	17 46	5 5	25 16	1 33	22 29	1 29	22 46	0 32	12 50	0 57	20 26	1 38	19 55	0 42	17 15	1 27	30 19	16 48	21 53	21 38	0 47		n.a.
F 17	23 14	12 33	5 10	25 15	1 37	22 14	1 29	22 53	0 33	12 53	0 57	20 24	1 38	19 54	0 42	17 15	1 27	30 19	16 48	21 52	21 37	0 44		n.a.
S 18	23 9	6 40	4 57	25 11	1 41	21 58	1 29	22 59	0 33	12 56	0 57	20 23	1 38	19 53	0 42	17 15	1 27	30 20	16 49	21 51	21 37	0 41		n.a.
S 19	23 2	0 26	4 24	25 4	1 43	21 42	1 29	23 5	0 34	12 59	0 57	20 21	1 38	19 53	0 42	17 15	1 27	30 20	16 49	21 51	21 36	0 38		n.a.
M20	22 56	5n47	3 36	24 55	1 46	21 25	1 29	23 11	0 35	13 2	0 57	20 19	1 38	19 52	0 42	17 15	1 27	30 21	16 49	21 51	21 35	0 35		n.a.
T 21	22 49	11 41	2 35	24 43	1 47	21 7	1 29	23 17	0 35	13 5	0 57	20 17	1 38	19 51	0 42	17 15	1 27	30 21	16 49	21 51	21 35	0 32		n.a.
W22	22 42	16 58	1 26	24 29	1 48	20 49	1 28	23 22	0 36	13 7	0 57	20 15	1 38	19 50	0 42	17 14	1 27	30 22	16 50	21 52	21 34	0 29		n.a.
T 23	22 34	21 17	0 12	24 13	1 48	20 30	1 28	23 27	0 37	13 10	0 57	20 13	1 38	19 49	0 42	17 14	1 27	30 23	16 50	21 52	21 34	0 26		n.a.
F 24	22 26	24 22	1n 2	23 55	1 47	20 11	1 28	23 33	0 37	13 13	0 57	20 12	1 38	19 48	0 42	17 14	1 27	30 23	16 50	21 52	21 33	0 23		n.a.
S 25	22 17	26 0	2 11	23 35	1 46	19 51	1 27	23 38	0 38	13 15	0 58	20 10	1 38	19 47	0 42	17 14	1 27	30 24	16 50	21 51	21 33	0 19		n.a.
S 26	22 8	26 6	3 12	23 14	1 45	19 30	1 27	23 42	0 39	13 18	0 58	20 8	1 38	19 46	0 42	17 14	1 27	30 24	16 51	21 50	21 32	0 16		n.a.
M27	21 59	24 45	4 1	22 50	1 43	19 9	1 26	23 47	0 39	13 20	0 58	20 6	1 38	19 45	0 42	17 14	1 26	30 25	16 51	21 49	21 31	0 13		n.a.
T 28	21 49	22 7	4 37	22 25	1 40	18 48	1 25	23 52	0 40	13 23	0 58	20 4	1 38	19 44	0 42	17 14	1 26	30 25	16 51	21 48	21 31	0 10		n.a.
W29	21 39	18 30	4 59	21 58	1 37	18 26	1 25	23 56	0 41	13 25	0 58	20 2	1 38	19 43	0 42	17 14	1 26	30 26	16 51	21 46	21 30	0 7		n.a.
T 30	21 28	14 9	5 7	21 30	1 34	18 3	1 24	24 0	0 41	13 28	0 58	20 0	1 38	19 42	0 42	17 13	1 26	30 26	16 51	21 45	21 30	0 4		n.a.
F 31	21n18	9n19	5n 0	21n 1	1n30	17n40	1n23	24n 4	0n42	13n30	0s58	19n58	1n38	19n41	0n42	17s13	1n26	30s27	16s51	21n44	21n29	0n 1		n.a.

Julian Day Number = 1303758.5, Delta T = 07h47m56s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'35, Lahiri = -19°44'35 Julian Calendar 1 July 1144 BCE == Greg. Calendar 20 June 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

AUGUST 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 34	26♋59'06	0♎13	5♌47	17♌ 6	19♊38	8♉ 8	8♌45	6♌19	22°R10	21°R20	6°R18	4♊58	9♎44	n.a.	S 1
S 2	19 59 31	27°57'29	12° 5	7°33	18°20	20°16	8°15	8°53	6°23	22♏10	21♒19	6♊14	4°55	9°51	n.a.	S 2
M 3	20 3 27	28°55'54	23°56	9°17	19°34	20°53	8°22	9° 0	6°27	22° 9	21°18	6°D12	4°52	9°58	n.a.	M 3
T 4	20 7 24	29°54'21	5♏50	11° 0	20°48	21°31	8°29	9° 7	6°30	22° 9	21°17	6°12	4°48	10° 4	n.a.	T 4
W 5	20 11 20	0♌52'49	17°53	12°42	22° 2	22° 8	8°35	9°14	6°34	22° 8	21°16	6°13	4°45	10°11	n.a.	W 5
T 6	20 15 17	1°51'19	0♐10	14°23	23°16	22°46	8°41	9°22	6°38	22° 8	21°15	6°R14	4°42	10°18	n.a.	T 6
F 7	20 19 13	2°49'52	12°45	16° 3	24°30	23°23	8°48	9°29	6°42	22° 8	21°14	6°14	4°39	10°24	n.a.	F 7
S 8	20 23 10	3°48'26	25°43	17°42	25°44	24° 0	8°54	9°36	6°46	22° 8	21°13	6°12	4°36	10°31	n.a.	S 8
S 9	20 27 6	4°47'02	9♑ 5	19°19	26°58	24°38	8°59	9°44	6°49	22° 7	21°11	6° 8	4°32	10°38	n.a.	S 9
M10	20 31 3	5°45'39	22°52	20°56	28°12	25°15	9° 5	9°51	6°53	22° 7	21°10	6° 2	4°29	10°45	n.a.	M10
T 11	20 35 0	6°44'19	7♒ 1	22°32	29°26	25°52	9°10	9°59	6°57	22° 7	21° 9	5°53	4°26	10°51	n.a.	T 11
W12	20 38 56	7°43'01	21°27	24° 6	0♍40	26°29	9°16	10° 6	7° 1	22° 7	21° 8	5°44	4°23	10°58	n.a.	W12
T 13	20 42 53	8°41'45	6♓ 4	25°40	1°54	27° 6	9°21	10°13	7° 5	22° 7	21° 7	5°34	4°20	11° 5	n.a.	T 13
F 14	20 46 49	9°40'32	20°44	27°12	3° 8	27°43	9°26	10°21	7° 8	22° 7	21° 6	5°26	4°17	11°11	n.a.	F 14
S 15	20 50 46	10°39'20	5♈21	28°44	4°22	28°20	9°31	10°28	7°12	22°D 7	21° 5	5°19	4°13	11°18	n.a.	S 15
S 16	20 54 42	11°38'11	19°48	0♍14	5°36	28°57	9°35	10°35	7°16	22° 7	21° 3	5°15	4°10	11°25	n.a.	S 16
M17	20 58 39	12°37'05	4♉ 2	1°44	6°50	29°34	9°40	10°43	7°20	22° 7	21° 2	5°13	4° 7	11°31	n.a.	M17
T 18	21 2 35	13°36'01	18° 2	3°12	8° 4	0♋11	9°44	10°50	7°24	22° 7	21° 1	5°D13	4° 4	11°38	n.a.	T 18
W19	21 6 32	14°35'00	1♊46	4°40	9°18	0°48	9°48	10°58	7°27	22° 7	21° 0	5°R13	4° 1	11°45	n.a.	W19
T 20	21 10 29	15°34'01	15°17	6° 6	10°32	1°25	9°52	11° 5	7°31	22° 7	20°59	5°13	3°58	11°52	n.a.	T 20
F 21	21 14 25	16°33'04	28°35	7°32	11°46	2° 2	9°56	11°12	7°35	22° 7	20°57	5°11	3°54	11°58	n.a.	F 21
S 22	21 18 22	17°32'10	11♋41	8°56	13° 0	2°38	10° 0	11°20	7°39	22° 8	20°56	5° 6	3°51	12° 5	n.a.	S 22
S 23	21 22 18	18°31'19	24°36	10°19	14°14	3°15	10° 3	11°27	7°42	22° 8	20°55	4°58	3°48	12°12	n.a.	S 23
M24	21 26 15	19°30'29	7♌20	11°42	15°28	3°52	10° 6	11°34	7°46	22° 8	20°54	4°48	3°45	12°18	n.a.	M24
T 25	21 30 11	20°29'42	19°53	13° 3	16°42	4°28	10° 9	11°42	7°50	22° 8	20°53	4°35	3°42	12°25	n.a.	T 25
W26	21 34 8	21°28'57	2♍15	14°22	17°56	5° 5	10°12	11°49	7°54	22° 9	20°51	4°22	3°38	12°32	n.a.	W26
T 27	21 38 4	22°28'14	14°27	15°41	19°10	5°41	10°15	11°56	7°57	22° 9	20°50	4° 8	3°35	12°38	n.a.	T 27
F 28	21 42 1	23°27'33	26°29	16°58	20°24	6°18	10°17	12° 4	8° 1	22°10	20°49	3°56	3°32	12°45	n.a.	F 28
S 29	21 45 57	24°26'54	8♎23	18°14	21°37	6°54	10°19	12°11	8° 5	22°10	20°48	3°46	3°29	12°52	n.a.	S 29
S 30	21 49 54	25°26'17	20°13	19°28	22°51	7°30	10°21	12°18	8° 8	22°10	20°47	3°39	3°26	12°58	n.a.	S 30
M31	21 53 51	26♌25'42	2♏ 1	20♍41	24♍ 5	8♋ 7	10♉23	12♌25	8♌12	22♏11	20♒45	3♊34	3♊23	13♎ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 6	4n11	4n41	20n31	1n26	17n16	1n22	24n 8	0n42	13n32	0s58	19n56	1n38	19n40	0n42	17s13	1n26	30s27	16s52	21n43	21n28	0s 2		n.a.
S 2	20 55	1s 2	4 9	19 59	1 21	16 52	1 21	24 11	0 43	13 34	0 58	19 54	1 38	19 39	0 42	17 13	1 26	30 28	16 52	21 42	21 28	0 5		n.a.
M 3	20 43	6 14	3 27	19 27	1 16	16 28	1 20	24 14	0 44	13 36	0 58	19 52	1 38	19 38	0 42	17 13	1 26	30 28	16 52	21 42	21 27	0 9		n.a.
T 4	20 30	11 14	2 36	18 53	1 11	16 3	1 19	24 18	0 44	13 39	0 58	19 51	1 38	19 37	0 42	17 13	1 26	30 29	16 52	21 42	21 27	0 12		n.a.
W 5	20 17	15 54	1 37	18 19	1 6	15 37	1 18	24 21	0 45	13 41	0 58	19 49	1 38	19 37	0 42	17 13	1 26	30 29	16 52	21 42	21 26	0 15		n.a.
T 6	20 4	19 59	0 33	17 44	1 0	15 11	1 17	24 23	0 46	13 43	0 58	19 47	1 38	19 36	0 42	17 13	1 26	30 30	16 52	21 42	21 26	0 18		n.a.
F 7	19 51	23 17	0s35	17 9	0 54	14 45	1 15	24 26	0 46	13 44	0 59	19 45	1 38	19 35	0 42	17 13	1 26	30 31	16 53	21 42	21 25	0 21		n.a.
S 8	19 37	25 28	1 42	16 32	0 48	14 18	1 14	24 29	0 47	13 46	0 59	19 43	1 38	19 34	0 42	17 13	1 26	30 31	16 53	21 42	21 24	0 24		n.a.
S 9	19 23	26 17	2 46	15 56	0 42	13 51	1 12	24 31	0 48	13 48	0 59	19 41	1 38	19 33	0 42	17 13	1 26	30 32	16 53	21 41	21 24	0 27		n.a.
M10	19 8	25 30	3 42	15 18	0 35	13 24	1 11	24 33	0 48	13 50	0 59	19 39	1 38	19 32	0 42	17 13	1 26	30 32	16 53	21 40	21 23	0 30		n.a.
T 11	18 54	23 6	4 26	14 41	0 28	12 56	1 9	24 35	0 49	13 52	0 59	19 37	1 38	19 31	0 42	17 13	1 26	30 33	16 53	21 39	21 23	0 34		n.a.
W12	18 38	19 13	4 54	14 2	0 21	12 28	1 8	24 37	0 50	13 53	0 59	19 35	1 38	19 30	0 42	17 13	1 26	30 33	16 53	21 37	21 22	0 37		n.a.
T 13	18 23	14 7	5 3	13 24	0 14	12 0	1 6	24 38	0 50	13 55	0 59	19 33	1 38	19 29	0 42	17 13	1 26	30 34	16 53	21 35	21 21	0 40		n.a.
F 14	18 7	8 12	4 53	12 45	0 7	11 31	1 4	24 40	0 51	13 56	0 59	19 31	1 39	19 28	0 42	17 13	1 25	30 34	16 53	21 34	21 21	0 43		n.a.
S 15	17 51	1 51	4 23	12 7	0 0	11 2	1 3	24 41	0 52	13 58	0 59	19 29	1 39	19 27	0 42	17 13	1 25	30 35	16 53	21 32	21 20	0 46		n.a.
S 16	17 35	4n32	3 37	11 27	0s 7	10 33	1 1	24 42	0 52	13 59	0 59	19 27	1 39	19 26	0 42	17 13	1 25	30 35	16 53	21 32	21 20	0 49		n.a.
M17	17 18	10 36	2 38	10 48	0 15	10 3	0 59	24 43	0 53	14 1	0 59	19 25	1 39	19 25	0 42	17 13	1 25	30 35	16 54	21 31	21 19	0 52		n.a.
T 18	17 1	16 3	1 30	10 9	0 22	9 33	0 57	24 44	0 54	14 2	0 59	19 23	1 39	19 24	0 42	17 13	1 25	30 36	16 54	21 31	21 18	0 56		n.a.
W19	16 44	20 33	0 18	9 30	0 30	9 3	0 55	24 44	0 54	14 3	0 59	19 21	1 39	19 23	0 42	17 14	1 25	30 36	16 54	21 31	21 18	0 59		n.a.
T 20	16 26	23 53	0n53	8 51	0 37	8 33	0 53	24 45	0 55	14 4	1 0	19 19	1 39	19 22	0 42	17 14	1 25	30 37	16 54	21 31	21 17	1 2		n.a.
F 21	16 8	25 50	2 1	8 11	0 45	8 2	0 51	24 45	0 56	14 5	1 0	19 17	1 39	19 21	0 42	17 14	1 25	30 37	16 54	21 31	21 17	1 5		n.a.
S 22	15 50	26 18	3 0	7 32	0 53	7 32	0 48	24 45	0 56	14 6	1 0	19 15	1 39	19 20	0 42	17 14	1 25	30 38	16 54	21 30	21 16	1 8		n.a.
S 23	15 31	25 19	3 50	6 53	1 0	7 1	0 46	24 45	0 57	14 8	1 0	19 13	1 39	19 19	0 42	17 14	1 25	30 38	16 54	21 29	21 15	1 11		n.a.
M24	15 13	23 2	4 27	6 15	1 8	6 29	0 44	24 44	0 58	14 8	1 0	19 11	1 39	19 18	0 42	17 14	1 25	30 39	16 54	21 27	21 15	1 14		n.a.
T 25	14 54	19 40	4 51	5 36	1 16	5 58	0 41	24 44	0 58	14 9	1 0	19 9	1 39	19 17	0 42	17 14	1 25	30 39	16 54	21 24	21 14	1 18		n.a.
W26	14 34	15 30	5 0	4 58	1 23	5 27	0 39	24 43	0 59	14 10	1 0	19 7	1 39	19 16	0 42	17 14	1 25	30 40	16 54	21 22	21 14	1 21		n.a.
T 27	14 15	10 45	4 55	4 21	1 31	4 55	0 37	24 42	1 0	14 11	1 0	19 5	1 39	19 15	0 42	17 15	1 25	30 40	16 54	21 19	21 13	1 24		n.a.
F 28	13 55	5 39	4 38	3 43	1 38	4 23	0 34	24 41	1 1	14 12	1 0	19 3	1 40	19 14	0 42	17 15	1 25	30 40	16 54	21 17	21 12	1 27		n.a.
S 29	13 35	0 25	4 8	3 6	1 46	3 51	0 32	24 40	1 1	14 12	1 0	19 1	1 40	19 13	0 42	17 15	1 25	30 41	16 54	21 15	21 12	1 30		n.a.
S 30	13 15	4s50	3 28	2 30	1 53	3 19	0 29	24 39	1 2	14 13	1 0	18 59	1 40	19 12	0 42	17 15	1 25	30 41	16 54	21 14	21 11	1 33		n.a.
M31	12n55	9s54	2n38	1n55	2s 0	2n47	0n26	24n37	1n 3	14n13	1s 0	18n57	1n40	19n11	0n42	17s15	1n25	30s42	16s54	21n13	21n10	1s36		n.a.

Julian Day Number = 1303789.5, Delta T = 07h47m55s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'31, Lahiri = -19°44'30 Julian Calendar 1 Aug. 1144 BCE == Greg. Calendar 21 July 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

SEPTEMBER 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 47	27♌25'09	13♏52	21♍52	25♍19	8♋43	10♉25	12♌33	8♌16	22♏12	20°R44	3°R32	3♊19	13♎12	n.a.	T 1
W 2	22 1 44	28°24'38	25°52	23° 1	26°33	9°19	10°26	12°40	8°19	22°12	20♒43	3♊31	3°16	13°19	n.a.	W 2
T 3	22 5 40	29°24'09	8♐ 6	24° 9	27°47	9°55	10°28	12°47	8°23	22°13	20°42	3°31	3°13	13°25	n.a.	T 3
F 4	22 9 37	0♍23'42	20°39	25°14	29° 0	10°31	10°29	12°54	8°27	22°13	20°41	3°31	3°10	13°32	n.a.	F 4
S 5	22 13 33	1°23'17	3♑35	26°17	0♎14	11° 7	10°30	13° 1	8°30	22°14	20°40	3°28	3° 7	13°39	n.a.	S 5
S 6	22 17 30	2°22'54	17° 0	27°17	1°28	11°43	10°30	13° 8	8°34	22°15	20°38	3°23	3° 3	13°45	n.a.	S 6
M 7	22 21 26	3°22'33	0♒53	28°15	2°42	12°19	10°31	13°15	8°37	22°15	20°37	3°16	3° 0	13°52	n.a.	M 7
T 8	22 25 23	4°22'13	15°15	29° 9	3°55	12°55	10°31	13°23	8°41	22°16	20°36	3° 6	2°57	13°59	n.a.	T 8
W 9	22 29 20	5°21'56	29°59	0♎ 0	5° 9	13°31	10°R31	13°30	8°44	22°17	20°35	2°54	2°54	14° 5	n.a.	W 9
T 10	22 33 16	6°21'41	14♓58	0°48	6°23	14° 7	10°31	13°37	8°48	22°18	20°34	2°43	2°51	14°12	n.a.	T 10
F 11	22 37 13	7°21'28	0♈ 3	1°32	7°36	14°42	10°31	13°44	8°51	22°19	20°33	2°32	2°48	14°19	n.a.	F 11
S 12	22 41 9	8°21'17	15° 4	2°11	8°50	15°18	10°30	13°50	8°55	22°20	20°31	2°24	2°44	14°25	n.a.	S 12
S 13	22 45 6	9°21'08	29°51	2°45	10° 3	15°54	10°30	13°57	8°58	22°21	20°30	2°18	2°41	14°32	n.a.	S 13
M14	22 49 2	10°21'02	14♉20	3°14	11°17	16°29	10°29	14° 4	9° 2	22°22	20°29	2°15	2°38	14°39	n.a.	M14
T 15	22 52 59	11°20'58	28°27	3°37	12°30	17° 5	10°28	14°11	9° 5	22°23	20°28	2°D15	2°35	14°46	n.a.	T 15
W16	22 56 55	12°20'57	12♊12	3°53	13°44	17°40	10°26	14°18	9° 8	22°24	20°27	2°R15	2°32	14°52	n.a.	W16
T 17	23 0 52	13°20'58	25°36	4° 3	14°58	18°16	10°25	14°25	9°12	22°25	20°26	2°14	2°29	14°59	n.a.	T 17
F 18	23 4 48	14°21'01	8♋43	4°R 4	16°11	18°51	10°23	14°32	9°15	22°26	20°25	2°12	2°25	15° 6	n.a.	F 18
S 19	23 8 45	15°21'07	21°34	3°58	17°25	19°26	10°21	14°38	9°18	22°27	20°24	2° 7	2°22	15°12	n.a.	S 19
S 20	23 12 42	16°21'15	4♌12	3°43	18°38	20° 1	10°19	14°45	9°21	22°28	20°23	2° 0	2°19	15°19	n.a.	S 20
M21	23 16 38	17°21'25	16°39	3°19	19°51	20°37	10°17	14°52	9°25	22°29	20°22	1°49	2°16	15°26	n.a.	M21
T 22	23 20 35	18°21'37	28°56	2°45	21° 5	21°12	10°14	14°58	9°28	22°30	20°21	1°37	2°13	15°32	n.a.	T 22
W23	23 24 31	19°21'51	11♍ 6	2° 2	22°18	21°47	10°11	15° 5	9°31	22°32	20°20	1°23	2° 9	15°39	n.a.	W23
T 24	23 28 28	20°22'07	23° 8	1°11	23°32	22°22	10° 8	15°11	9°34	22°33	20°19	1° 9	2° 6	15°46	n.a.	T 24
F 25	23 32 24	21°22'25	5♎ 4	0°10	24°45	22°56	10° 5	15°18	9°37	22°34	20°18	0°57	2° 3	15°52	n.a.	F 25
S 26	23 36 21	22°22'45	16°55	29♍ 3	25°58	23°31	10° 2	15°24	9°40	22°35	20°17	0°47	2° 0	15°59	n.a.	S 26
S 27	23 40 17	23°23'06	28°43	27°49	27°12	24° 6	9°59	15°30	9°43	22°37	20°16	0°39	1°57	16° 6	n.a.	S 27
M28	23 44 14	24°23'30	10♏30	26°32	28°25	24°41	9°55	15°37	9°46	22°38	20°15	0°34	1°54	16°12	n.a.	M28
T 29	23 48 10	25°23'55	22°21	25°13	29°38	25°15	9°51	15°43	9°49	22°40	20°14	0°32	1°50	16°19	n.a.	T 29
W30	23 52 7	26♍24'22	4♐20	23♍55	0♏51	25♋50	9♉47	15♌49	9♌52	22♏41	20♒13	0°D32	1♊47	16♎26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n34	14s39	1n42	1n20	2s 7	2n15	0n24	24n36	1n 3	14n14	1s 1	18n55	1n40	19n10	0n42	17s15	1n24	30s42	16s54	21n12	21n10	1s40		n.a.
W 2	12 13	18 53	0 40	0 46	2 14	1 43	0 21	24 34	1 4	14 14	1 1	18 53	1 40	19 9	0 42	17 16	1 24	30 42	16 54	21 12	21 9	1 43		n.a.
T 3	11 52	22 25	0s24	0 13	2 21	1 11	0 18	24 32	1 5	14 15	1 1	18 51	1 40	19 8	0 42	17 16	1 24	30 43	16 54	21 12	21 9	1 46		n.a.
F 4	11 31	24 59	1 29	0s20	2 28	0 38	0 16	24 30	1 5	14 15	1 1	18 49	1 40	19 7	0 42	17 16	1 24	30 43	16 54	21 12	21 8	1 49		n.a.
S 5	11 9	26 19	2 32	0 51	2 34	0 6	0 13	24 27	1 6	14 15	1 1	18 47	1 40	19 7	0 42	17 16	1 24	30 43	16 54	21 12	21 7	1 52		n.a.
S 6	10 48	26 10	3 28	1 20	2 40	0s26	0 10	24 25	1 7	14 15	1 1	18 45	1 40	19 6	0 42	17 17	1 24	30 44	16 54	21 11	21 7	1 55		n.a.
M 7	10 26	24 25	4 14	1 49	2 45	0 59	0 7	24 22	1 8	14 15	1 1	18 43	1 41	19 5	0 42	17 17	1 24	30 44	16 53	21 9	21 6	1 59		n.a.
T 8	10 4	21 4	4 46	2 16	2 51	1 31	0 4	24 19	1 8	14 15	1 1	18 41	1 41	19 4	0 42	17 17	1 24	30 44	16 53	21 7	21 6	2 2		n.a.
W 9	9 42	16 19	5 0	2 41	2 55	2 3	0 2	24 17	1 9	14 15	1 1	18 39	1 41	19 3	0 42	17 17	1 24	30 45	16 53	21 5	21 5	2 5		n.a.
T 10	9 19	10 30	4 53	3 4	3 0	2 36	0s 1	24 13	1 10	14 15	1 1	18 37	1 41	19 2	0 42	17 18	1 24	30 45	16 53	21 3	21 4	2 8		n.a.
F 11	8 57	4 3	4 27	3 25	3 4	3 8	0 4	24 10	1 10	14 15	1 1	18 35	1 41	19 1	0 42	17 18	1 24	30 45	16 53	21 1	21 4	2 11		n.a.
S 12	8 34	2n38	3 42	3 44	3 7	3 40	0 7	24 7	1 11	14 15	1 1	18 33	1 41	19 0	0 42	17 18	1 24	30 46	16 53	20 59	21 3	2 14		n.a.
S 13	8 11	9 5	2 42	4 0	3 9	4 12	0 10	24 3	1 12	14 14	1 1	18 31	1 41	18 59	0 42	17 18	1 24	30 46	16 53	20 58	21 2	2 17		n.a.
M14	7 49	14 55	1 33	4 13	3 11	4 44	0 13	24 0	1 13	14 14	1 1	18 30	1 41	18 58	0 42	17 19	1 24	30 46	16 53	20 57	21 2	2 21		n.a.
T 15	7 25	19 49	0 20	4 23	3 12	5 16	0 16	23 56	1 13	14 14	1 2	18 28	1 42	18 57	0 42	17 19	1 24	30 47	16 53	20 57	21 1	2 24		n.a.
W16	7 2	23 30	0n52	4 30	3 12	5 48	0 19	23 52	1 14	14 13	1 2	18 26	1 42	18 57	0 42	17 19	1 24	30 47	16 53	20 57	21 0	2 27		n.a.
T 17	6 39	25 46	2 0	4 32	3 11	6 20	0 22	23 48	1 15	14 13	1 2	18 24	1 42	18 56	0 42	17 20	1 24	30 47	16 52	20 57	21 0	2 30		n.a.
F 18	6 15	26 32	3 0	4 31	3 8	6 51	0 25	23 44	1 15	14 12	1 2	18 22	1 42	18 55	0 42	17 20	1 24	30 47	16 52	20 57	20 59	2 33		n.a.
S 19	5 52	25 51	3 49	4 25	3 4	7 23	0 28	23 39	1 16	14 11	1 2	18 20	1 42	18 54	0 42	17 20	1 23	30 48	16 52	20 56	20 59	2 36		n.a.
S 20	5 28	23 50	4 27	4 14	2 59	7 54	0 31	23 35	1 17	14 11	1 2	18 18	1 42	18 53	0 42	17 21	1 23	30 48	16 52	20 54	20 58	2 40		n.a.
M21	5 4	20 42	4 50	3 57	2 52	8 25	0 34	23 30	1 18	14 10	1 2	18 16	1 42	18 52	0 42	17 21	1 23	30 48	16 52	20 52	20 57	2 43		n.a.
T 22	4 41	16 43	5 0	3 36	2 43	8 56	0 37	23 25	1 18	14 9	1 2	18 15	1 43	18 51	0 42	17 21	1 23	30 48	16 52	20 49	20 57	2 46		n.a.
W23	4 17	12 5	4 57	3 9	2 32	9 27	0 40	23 20	1 19	14 8	1 2	18 13	1 43	18 51	0 42	17 22	1 23	30 48	16 51	20 46	20 56	2 49		n.a.
T 24	3 53	7 2	4 39	2 36	2 20	9 57	0 43	23 15	1 20	14 7	1 2	18 11	1 43	18 50	0 43	17 22	1 23	30 49	16 51	20 44	20 55	2 52		n.a.
F 25	3 28	1 46	4 10	1 59	2 5	10 27	0 46	23 10	1 21	14 6	1 2	18 9	1 43	18 49	0 43	17 23	1 23	30 49	16 51	20 41	20 55	2 55		n.a.
S 26	3 4	3s32	3 30	1 17	1 49	10 57	0 49	23 5	1 21	14 5	1 2	18 7	1 43	18 48	0 43	17 23	1 23	30 49	16 51	20 39	20 54	2 58		n.a.
S 27	2 40	8 42	2 41	0 31	1 31	11 27	0 52	23 0	1 22	14 4	1 2	18 6	1 43	18 47	0 43	17 23	1 23	30 49	16 51	20 37	20 53	3 2		n.a.
M28	2 16	13 34	1 45	0n18	1 12	11 57	0 55	22 54	1 23	14 3	1 2	18 4	1 44	18 47	0 43	17 24	1 23	30 49	16 50	20 36	20 53	3 5		n.a.
T 29	1 51	17 58	0 44	1 8	0 52	12 26	0 58	22 48	1 24	14 1	1 2	18 2	1 44	18 46	0 43	17 24	1 23	30 49	16 50	20 36	20 52	3 8		n.a.
W30	1n27	21s41	0s20	1n58	0s32	12s55	1s 1	22n43	1n25	14n 0	1s 2	18n 0	1n44	18n45	0n43	17s25	1n23	30s49	16s50	20n36	20n51	3s11		n.a.

Julian Day Number = 1303820.5, Delta T = 07h47m53s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'27, Lahiri = -19°44'26 Julian Calendar 1 Sept. 1144 BCE == Greg. Calendar 21 Aug. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

OCTOBER 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 4	27♍24'50	16♐31	22°R40	2♏ 5	26♋24	9°R43	15♌55	9♌55	22♏43	20°R12	0♊33	1♊44	16♎33	n.a.	T 1
F 2	0 0 0	28°25'20	28°59	21♍31	3°18	26°59	9♉38	16° 1	9°58	22°44	20♒11	0°R33	1°41	16°39	n.a.	F 2
S 3	0 3 57	29°25'51	11♑50	20°30	4°31	27°33	9°34	16° 7	10° 1	22°46	20°10	0°32	1°38	16°46	n.a.	S 3
S 4	0 7 53	0♎26'24	25° 8	19°39	5°44	28° 7	9°29	16°13	10° 3	22°47	20° 9	0°29	1°35	16°53	n.a.	S 4
M 5	0 11 50	1°26'58	8♒55	18°58	6°57	28°41	9°24	16°19	10° 6	22°49	20° 8	0°24	1°31	16°59	n.a.	M 5
T 6	0 15 46	2°27'34	23°13	18°29	8°10	29°16	9°19	16°25	10° 9	22°50	20° 7	0°17	1°28	17° 6	n.a.	T 6
W 7	0 19 43	3°28'11	7♓59	18°11	9°23	29°50	9°14	16°31	10°11	22°52	20° 7	0° 8	1°25	17°13	n.a.	W 7
T 8	0 23 39	4°28'49	23° 4	18°D 6	10°36	0♌24	9° 8	16°37	10°14	22°53	20° 6	29♉59	1°22	17°19	n.a.	T 8
F 9	0 27 36	5°29'29	8♈21	18°11	11°49	0°57	9° 3	16°42	10°17	22°55	20° 5	29°51	1°19	17°26	n.a.	F 9
S 10	0 31 33	6°30'10	23°38	18°27	13° 2	1°31	8°57	16°48	10°19	22°57	20° 4	29°44	1°15	17°33	n.a.	S 10
S 11	0 35 29	7°30'54	8♉45	18°52	14°15	2° 5	8°51	16°54	10°22	22°59	20° 3	29°40	1°12	17°39	n.a.	S 11
M12	0 39 26	8°31'39	23°32	19°27	15°27	2°38	8°45	16°59	10°24	23° 0	20° 3	29°D39	1° 9	17°46	n.a.	M12
T 13	0 43 22	9°32'25	7♊55	20° 9	16°40	3°12	8°39	17° 5	10°26	23° 2	20° 2	29°39	1° 6	17°53	n.a.	T 13
W14	0 47 19	10°33'14	21°51	20°58	17°53	3°45	8°32	17°10	10°29	23° 4	20° 1	29°40	1° 3	17°59	n.a.	W14
T 15	0 51 15	11°34'04	5♋21	21°54	19° 5	4°19	8°26	17°15	10°31	23° 6	20° 1	29°R41	1° 0	18° 6	n.a.	T 15
F 16	0 55 12	12°34'56	18°28	22°55	20°18	4°52	8°19	17°20	10°33	23° 7	20° 0	29°41	0°56	18°13	n.a.	F 16
S 17	0 59 8	13°35'50	1♌14	24° 0	21°31	5°25	8°12	17°26	10°36	23° 9	19°59	29°39	0°53	18°19	n.a.	S 17
S 18	1 3 5	14°36'45	13°44	25°10	22°43	5°58	8° 6	17°31	10°38	23°11	19°59	29°35	0°50	18°26	n.a.	S 18
M19	1 7 2	15°37'41	26° 1	26°23	23°56	6°31	7°59	17°36	10°40	23°13	19°58	29°29	0°47	18°33	n.a.	M19
T 20	1 10 58	16°38'39	8♍ 8	27°39	25° 8	7° 4	7°51	17°41	10°42	23°15	19°58	29°22	0°44	18°39	n.a.	T 20
W21	1 14 55	17°39'39	20° 7	28°58	26°21	7°37	7°44	17°46	10°44	23°17	19°57	29°14	0°40	18°46	n.a.	W21
T 22	1 18 51	18°40'40	2♎ 1	0♎19	27°33	8°10	7°37	17°50	10°46	23°19	19°56	29° 5	0°37	18°53	n.a.	T 22
F 23	1 22 48	19°41'42	13°52	1°42	28°45	8°42	7°29	17°55	10°48	23°21	19°56	28°58	0°34	19° 0	n.a.	F 23
S 24	1 26 44	20°42'45	25°41	3° 6	29°58	9°15	7°22	18° 0	10°50	23°23	19°55	28°52	0°31	19° 6	n.a.	S 24
S 25	1 30 41	21°43'49	7♏31	4°32	1♐10	9°47	7°14	18° 4	10°52	23°25	19°55	28°47	0°28	19°13	n.a.	S 25
M26	1 34 37	22°44'54	19°22	5°59	2°22	10°19	7° 7	18° 9	10°53	23°27	19°54	28°45	0°25	19°20	n.a.	M26
T 27	1 38 34	23°46'01	1♐18	7°27	3°34	10°52	6°59	18°13	10°55	23°29	19°54	28°D44	0°21	19°26	n.a.	T 27
W28	1 42 31	24°47'08	13°21	8°55	4°46	11°24	6°51	18°17	10°57	23°31	19°54	28°45	0°18	19°33	n.a.	W28
T 29	1 46 27	25°48'16	25°35	10°24	5°58	11°56	6°43	18°22	10°58	23°33	19°53	28°47	0°15	19°40	n.a.	T 29
F 30	1 50 24	26°49'24	8♑ 4	11°54	7°10	12°27	6°35	18°26	11° 0	23°35	19°53	28°49	0°12	19°46	n.a.	F 30
S 31	1 54 20	27♎50'34	20♑52	13♎25	8♐22	12♌59	6♉27	18♌30	11♌ 2	23♏37	19♒53	28♉50	0♊ 9	19♎53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n 3	24s32	1s24	2n47	0s11	13s23	1s 4	22n37	1n25	13n59	1s 2	17n59	1n44	18n44	0n43	17s25	1n23	30s50	16s50	20n36	20n51	3s14			n.a.
F 2	0 38	26 16	2 26	3 34	0n 9	13 52	1 7	22 31	1 26	13 57	1 2	17 57	1 44	18 44	0 43	17 25	1 23	30 50	16 50	20 36	20 50	3 17			n.a.
S 3	0 14	26 39	3 22	4 16	0 29	14 20	1 10	22 25	1 27	13 56	1 2	17 55	1 44	18 43	0 43	17 26	1 23	30 50	16 49	20 36	20 50	3 21			n.a.
S 4	0s11	25 33	4 9	4 53	0 47	14 47	1 13	22 18	1 28	13 54	1 2	17 54	1 45	18 42	0 43	17 26	1 23	30 50	16 49	20 35	20 49	3 24			n.a.
M 5	0 35	22 53	4 44	5 25	1 4	15 15	1 16	22 12	1 28	13 53	1 2	17 52	1 45	18 41	0 43	17 27	1 23	30 50	16 49	20 34	20 48	3 27			n.a.
T 6	1 0	18 45	5 3	5 50	1 19	15 42	1 18	22 6	1 29	13 51	1 2	17 50	1 45	18 41	0 43	17 27	1 23	30 50	16 49	20 33	20 48	3 30			n.a.
W 7	1 24	13 22	5 2	6 10	1 33	16 8	1 21	21 59	1 30	13 49	1 2	17 49	1 45	18 40	0 43	17 28	1 23	30 50	16 48	20 31	20 47	3 33			n.a.
T 8	1 49	7 5	4 41	6 23	1 44	16 34	1 24	21 53	1 31	13 47	1 2	17 47	1 45	18 39	0 43	17 28	1 23	30 50	16 48	20 29	20 46	3 36			n.a.
F 9	2 13	0 18	4 0	6 29	1 54	17 0	1 27	21 46	1 32	13 46	1 2	17 46	1 46	18 39	0 43	17 29	1 23	30 50	16 48	20 27	20 46	3 40			n.a.
S 10	2 37	6n32	3 1	6 31	2 2	17 25	1 29	21 39	1 32	13 44	1 2	17 44	1 46	18 38	0 43	17 29	1 22	30 50	16 48	20 26	20 45	3 43			n.a.
S 11	3 2	12 55	1 50	6 26	2 9	17 50	1 32	21 32	1 33	13 42	1 2	17 42	1 46	18 37	0 43	17 29	1 22	30 50	16 47	20 25	20 44	3 46			n.a.
M12	3 26	18 26	0 33	6 17	2 14	18 14	1 34	21 25	1 34	13 40	1 2	17 41	1 46	18 37	0 43	17 30	1 22	30 50	16 47	20 24	20 44	3 49			n.a.
T 13	3 50	22 43	0n44	6 4	2 17	18 38	1 37	21 18	1 35	13 38	1 2	17 39	1 46	18 36	0 43	17 30	1 22	30 50	16 47	20 24	20 43	3 52			n.a.
W14	4 15	25 31	1 57	5 46	2 20	19 2	1 39	21 11	1 36	13 36	1 2	17 38	1 46	18 35	0 43	17 31	1 22	30 50	16 47	20 25	20 42	3 55			n.a.
T 15	4 39	26 44	3 0	5 25	2 21	19 25	1 42	21 3	1 37	13 34	1 2	17 36	1 47	18 35	0 43	17 31	1 22	30 50	16 46	20 25	20 42	3 59			n.a.
F 16	5 3	26 22	3 53	5 0	2 21	19 47	1 44	20 56	1 37	13 32	1 2	17 35	1 47	18 34	0 43	17 32	1 22	30 50	16 46	20 25	20 41	4 2			n.a.
S 17	5 27	24 37	4 32	4 33	2 20	20 9	1 47	20 49	1 38	13 30	1 2	17 34	1 47	18 34	0 43	17 32	1 22	30 50	16 46	20 24	20 40	4 5			n.a.
S 18	5 51	21 42	4 57	4 4	2 18	20 30	1 49	20 41	1 39	13 27	1 2	17 32	1 47	18 33	0 43	17 33	1 22	30 50	16 45	20 24	20 40	4 8			n.a.
M19	6 15	17 52	5 8	3 32	2 16	20 51	1 51	20 34	1 40	13 25	1 2	17 31	1 48	18 33	0 43	17 33	1 22	30 50	16 45	20 22	20 39	4 11			n.a.
T 20	6 39	13 21	5 5	2 59	2 13	21 12	1 53	20 26	1 41	13 23	1 2	17 30	1 48	18 32	0 43	17 34	1 22	30 50	16 45	20 21	20 38	4 14			n.a.
W21	7 2	8 23	4 49	2 23	2 10	21 31	1 55	20 18	1 42	13 20	1 2	17 28	1 48	18 31	0 43	17 35	1 22	30 50	16 45	20 19	20 38	4 18			n.a.
T 22	7 26	3 9	4 20	1 47	2 5	21 50	1 57	20 10	1 43	13 18	1 2	17 27	1 48	18 31	0 44	17 35	1 22	30 50	16 44	20 17	20 37	4 21			n.a.
F 23	7 50	2s12	3 40	1 9	2 1	22 9	1 59	20 2	1 43	13 16	1 2	17 26	1 48	18 30	0 44	17 36	1 22	30 50	16 44	20 15	20 36	4 24			n.a.
S 24	8 13	7 27	2 50	0 31	1 56	22 27	2 1	19 55	1 44	13 13	1 2	17 24	1 49	18 30	0 44	17 36	1 22	30 49	16 44	20 14	20 36	4 27			n.a.
S 25	8 36	12 28	1 53	0s 8	1 51	22 44	2 3	19 47	1 45	13 11	1 2	17 23	1 49	18 30	0 44	17 37	1 22	30 49	16 43	20 13	20 35	4 30			n.a.
M26	8 59	17 2	0 51	0 48	1 45	23 1	2 5	19 38	1 46	13 8	1 2	17 22	1 49	18 29	0 44	17 37	1 22	30 49	16 43	20 12	20 34	4 33			n.a.
T 27	9 22	20 59	0s14	1 29	1 39	23 17	2 7	19 30	1 47	13 6	1 2	17 21	1 49	18 29	0 44	17 38	1 22	30 49	16 43	20 12	20 34	4 37			n.a.
W28	9 45	24 5	1 19	2 10	1 33	23 32	2 8	19 22	1 48	13 3	1 2	17 20	1 50	18 28	0 44	17 38	1 22	30 49	16 42	20 13	20 33	4 40			n.a.
T 29	10 8	26 7	2 22	2 51	1 27	23 47	2 10	19 14	1 49	13 1	1 1	17 19	1 50	18 28	0 44	17 39	1 22	30 49	16 42	20 13	20 32	4 43			n.a.
F 30	10 30	26 53	3 19	3 33	1 21	24 1	2 11	19 6	1 50	12 58	1 1	17 18	1 50	18 27	0 44	17 39	1 22	30 48	16 42	20 13	20 32	4 46			n.a.
S 31	10s53	26s16	4s 8	4s14	1n14	24s14	2s13	18n57	1n51	12n56	1s 1	17n16	1n50	18n27	0n44	17s40	1n22	30s48	16s41	20n14	20n31	4s49			n.a.

Julian Day Number = 1303850.5, Delta T = 07h47m52s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'23, Lahiri = -19°44'22 Julian Calendar 1 Oct. 1144 BCE == Greg. Calendar 20 Sept. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

NOVEMBER 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 58 17	28♎51'43	4♒ 3	14♎55	9♐34	13♌31	6°R19	18♌34	11♌ 3	23♏39	19°R52	28°R50	0♊ 6	20♎ 0	n.a.	S 1
M 2	2 2 13	29°52'54	17°40	16°26	10°45	14° 2	6♉11	18°38	11° 4	23°41	19♒52	28♉49	0° 2	20° 6	n.a.	M 2
T 3	2 6 10	0♏54'04	1♓44	17°58	11°57	14°33	6° 3	18°41	11° 6	23°43	19°52	28°46	29♉59	20°13	n.a.	T 3
W 4	2 10 7	1°55'15	16°14	19°29	13° 8	15° 5	5°55	18°45	11° 7	23°45	19°51	28°43	29°56	20°20	n.a.	W 4
T 5	2 14 3	2°56'27	1♈ 7	21° 1	14°20	15°36	5°47	18°49	11° 8	23°47	19°51	28°39	29°53	20°26	n.a.	T 5
F 6	2 18 0	3°57'39	16°16	22°33	15°31	16° 7	5°39	18°52	11°10	23°50	19°51	28°35	29°50	20°33	n.a.	F 6
S 7	2 21 56	4°58'51	1♉31	24° 6	16°42	16°37	5°30	18°56	11°11	23°52	19°51	28°33	29°46	20°40	n.a.	S 7
S 8	2 25 53	6° 0'04	16°42	25°38	17°54	17° 8	5°22	18°59	11°12	23°54	19°51	28°31	29°43	20°46	n.a.	S 8
M 9	2 29 49	7° 1'18	1♊40	27°11	19° 5	17°39	5°14	19° 2	11°13	23°56	19°50	28°D31	29°40	20°53	n.a.	M 9
T 10	2 33 46	8° 2'32	16°16	28°43	20°16	18° 9	5° 6	19° 5	11°14	23°58	19°50	28°32	29°37	21° 0	n.a.	T 10
W11	2 37 42	9° 3'47	0♋26	0♏16	21°27	18°39	4°58	19° 8	11°15	24° 1	19°50	28°33	29°34	21° 6	n.a.	W11
T 12	2 41 39	10° 5'03	14° 9	1°49	22°37	19° 9	4°50	19°11	11°16	24° 3	19°50	28°34	29°31	21°13	n.a.	T 12
F 13	2 45 36	11° 6'20	27°24	3°23	23°48	19°39	4°42	19°14	11°17	24° 5	19°50	28°35	29°27	21°20	n.a.	F 13
S 14	2 49 32	12° 7'37	10♌16	4°56	24°59	20° 9	4°34	19°17	11°17	24° 7	19°D50	28°R36	29°24	21°26	n.a.	S 14
S 15	2 53 29	13° 8'54	22°47	6°30	26° 9	20°39	4°26	19°20	11°18	24° 9	19°50	28°36	29°21	21°33	n.a.	S 15
M16	2 57 25	14°10'12	5♍ 1	8° 3	27°20	21° 8	4°18	19°22	11°19	24°12	19°50	28°35	29°18	21°40	n.a.	M16
T 17	3 1 22	15°11'30	17° 3	9°38	28°30	21°37	4°10	19°25	11°19	24°14	19°50	28°33	29°15	21°46	n.a.	T 17
W18	3 5 18	16°12'49	28°58	11°12	29°40	22° 7	4° 2	19°27	11°20	24°16	19°50	28°31	29°12	21°53	n.a.	W18
T 19	3 9 15	17°14'08	10♎47	12°46	0♑50	22°36	3°54	19°29	11°20	24°18	19°50	28°29	29° 8	22° 0	n.a.	T 19
F 20	3 13 11	18°15'28	22°36	14°21	2° 0	23° 4	3°46	19°31	11°21	24°21	19°51	28°28	29° 5	22° 6	n.a.	F 20
S 21	3 17 8	19°16'47	4♏26	15°56	3°10	23°33	3°39	19°33	11°21	24°23	19°51	28°26	29° 2	22°13	n.a.	S 21
S 22	3 21 5	20°18'07	16°19	17°31	4°20	24° 1	3°31	19°35	11°21	24°25	19°51	28°26	28°59	22°20	n.a.	S 22
M23	3 25 1	21°19'26	28°19	19° 7	5°29	24°30	3°24	19°37	11°22	24°28	19°51	28°D25	28°56	22°27	n.a.	M23
T 24	3 28 58	22°20'46	10♐25	20°43	6°39	24°58	3°16	19°39	11°22	24°30	19°51	28°26	28°52	22°33	n.a.	T 24
W25	3 32 54	23°22'05	22°41	22°19	7°48	25°25	3° 9	19°41	11°22	24°32	19°51	28°26	28°49	22°40	n.a.	W25
T 26	3 36 51	24°23'24	5♑ 8	23°56	8°57	25°53	3° 2	19°42	11°22	24°34	19°52	28°27	28°46	22°47	n.a.	T 26
F 27	3 40 47	25°24'43	17°48	25°33	10° 6	26°20	2°55	19°43	11°R22	24°37	19°52	28°27	28°43	22°53	n.a.	F 27
S 28	3 44 44	26°26'01	0♒43	27°10	11°15	26°48	2°48	19°45	11°22	24°39	19°52	28°27	28°40	23° 0	n.a.	S 28
S 29	3 48 41	27°27'19	13°55	28°48	12°23	27°15	2°41	19°46	11°22	24°41	19°53	28°27	28°37	23° 7	n.a.	S 29
M30	3 52 37	28♏28'36	27♒26	0♐26	13♑32	27♌42	2♉35	19♌47	11♌22	24♏43	19♒53	28♉27	28♉33	23♎13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s15	24s10	4s45	4s56	1n 8	24s27	2s14	18n49	1n52	12n53	1s 1	17n15	1n50	18n27	0n44	17s40	1n22	30s48	16s41	20n14	20n30	4s52		n.a.
M 2	11 37	20 40	5 8	5 38	1 1	24 39	2 15	18 41	1 52	12 51	1 1	17 14	1 51	18 26	0 44	17 41	1 22	30 48	16 41	20 13	20 29	4 56		n.a.
T 3	11 59	15 54	5 13	6 19	0 54	24 50	2 16	18 32	1 53	12 48	1 1	17 13	1 51	18 26	0 44	17 42	1 22	30 48	16 40	20 13	20 29	4 59		n.a.
W 4	12 20	10 6	4 59	7 1	0 48	25 1	2 17	18 24	1 54	12 45	1 1	17 12	1 51	18 26	0 44	17 42	1 22	30 47	16 40	20 12	20 28	5 2		n.a.
T 5	12 42	3 35	4 25	7 42	0 41	25 11	2 18	18 15	1 55	12 43	1 1	17 12	1 51	18 25	0 44	17 43	1 22	30 47	16 40	20 11	20 27	5 5		n.a.
F 6	13 3	3n15	3 32	8 24	0 34	25 20	2 19	18 7	1 56	12 40	1 1	17 11	1 52	18 25	0 44	17 43	1 22	30 47	16 39	20 10	20 27	5 8		n.a.
S 7	13 24	9 58	2 23	9 5	0 27	25 28	2 20	17 58	1 57	12 38	1 0	17 10	1 52	18 25	0 44	17 44	1 22	30 47	16 39	20 10	20 26	5 11		n.a.
S 8	13 44	16 4	1 5	9 45	0 20	25 36	2 20	17 50	1 58	12 35	1 0	17 9	1 52	18 24	0 44	17 44	1 22	30 46	16 39	20 9	20 25	5 15		n.a.
M 9	14 5	21 7	0n17	10 26	0 13	25 43	2 21	17 41	1 59	12 32	1 0	17 8	1 52	18 24	0 44	17 45	1 21	30 46	16 38	20 9	20 25	5 18		n.a.
T 10	14 25	24 43	1 36	11 6	0 7	25 49	2 21	17 32	2 0	12 30	1 0	17 7	1 53	18 24	0 44	17 46	1 21	30 46	16 38	20 9	20 24	5 21		n.a.
W11	14 45	26 37	2 47	11 45	0s 0	25 54	2 22	17 24	2 1	12 27	1 0	17 7	1 53	18 24	0 44	17 46	1 21	30 45	16 37	20 10	20 23	5 24		n.a.
T 12	15 5	26 49	3 46	12 24	0 7	25 59	2 22	17 15	2 2	12 24	1 0	17 6	1 53	18 24	0 44	17 47	1 21	30 45	16 37	20 10	20 23	5 27		n.a.
F 13	15 24	25 26	4 31	13 3	0 13	26 3	2 22	17 6	2 3	12 22	0 59	17 5	1 53	18 23	0 44	17 47	1 21	30 45	16 37	20 10	20 22	5 30		n.a.
S 14	15 44	22 46	5 0	13 41	0 20	26 6	2 22	16 58	2 4	12 19	0 59	17 5	1 54	18 23	0 45	17 48	1 21	30 45	16 36	20 10	20 21	5 34		n.a.
S 15	16 2	19 5	5 15	14 19	0 26	26 9	2 22	16 49	2 5	12 17	0 59	17 4	1 54	18 23	0 45	17 48	1 21	30 44	16 36	20 10	20 20	5 37		n.a.
M16	16 21	14 41	5 14	14 56	0 33	26 10	2 22	16 40	2 6	12 14	0 59	17 4	1 54	18 23	0 45	17 49	1 21	30 44	16 36	20 10	20 20	5 40		n.a.
T 17	16 39	9 47	5 0	15 33	0 39	26 11	2 22	16 32	2 7	12 12	0 59	17 3	1 54	18 23	0 45	17 50	1 21	30 43	16 35	20 10	20 19	5 43		n.a.
W18	16 58	4 35	4 33	16 9	0 45	26 11	2 21	16 23	2 8	12 9	0 59	17 2	1 55	18 23	0 45	17 50	1 21	30 43	16 35	20 9	20 18	5 46		n.a.
T 19	17 15	0s45	3 54	16 44	0 51	26 10	2 21	16 14	2 9	12 7	0 58	17 2	1 55	18 23	0 45	17 51	1 21	30 43	16 35	20 9	20 18	5 49		n.a.
F 20	17 33	6 4	3 6	17 18	0 57	26 9	2 20	16 6	2 10	12 4	0 58	17 2	1 55	18 23	0 45	17 51	1 21	30 42	16 34	20 9	20 17	5 53		n.a.
S 21	17 50	11 11	2 9	17 52	1 2	26 7	2 19	15 57	2 11	12 2	0 58	17 1	1 55	18 22	0 45	17 52	1 21	30 42	16 34	20 8	20 16	5 56		n.a.
S 22	18 7	15 56	1 7	18 25	1 8	26 4	2 18	15 48	2 12	11 59	0 58	17 1	1 56	18 22	0 45	17 52	1 21	30 42	16 34	20 8	20 16	5 59		n.a.
M23	18 23	20 6	0 1	18 57	1 13	26 0	2 18	15 40	2 13	11 57	0 58	17 0	1 56	18 22	0 45	17 53	1 21	30 41	16 33	20 8	20 15	6 2		n.a.
T 24	18 39	23 28	1s 6	19 29	1 18	25 56	2 16	15 31	2 15	11 55	0 57	17 0	1 56	18 22	0 45	17 54	1 21	30 41	16 33	20 8	20 14	6 5		n.a.
W25	18 55	25 48	2 11	19 59	1 23	25 51	2 15	15 23	2 16	11 52	0 57	17 0	1 57	18 22	0 45	17 54	1 21	30 40	16 32	20 8	20 13	6 8		n.a.
T 26	19 11	26 54	3 10	20 29	1 28	25 45	2 14	15 14	2 17	11 50	0 57	17 0	1 57	18 22	0 45	17 55	1 21	30 40	16 32	20 8	20 13	6 12		n.a.
F 27	19 26	26 37	4 1	20 57	1 32	25 38	2 12	15 6	2 18	11 48	0 57	16 59	1 57	18 22	0 45	17 55	1 21	30 39	16 32	20 8	20 12	6 15		n.a.
S 28	19 40	24 54	4 41	21 25	1 37	25 31	2 11	14 57	2 19	11 46	0 57	16 59	1 57	18 23	0 45	17 56	1 21	30 39	16 31	20 9	20 11	6 18		n.a.
S 29	19 55	21 49	5 8	21 51	1 41	25 23	2 9	14 49	2 20	11 43	0 56	16 59	1 58	18 23	0 45	17 56	1 21	30 39	16 31	20 9	20 11	6 21		n.a.
M30	20s 9	17s31	5s18	22s16	1s44	25s15	2s 7	14n40	2n21	11n41	0s56	16n59	1n58	18n23	0n45	17s57	1n21	30s38	16s31	20n 9	20n10	6s24		n.a.

Julian Day Number = 1303881.5, Delta T = 07h47m50s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'18, Lahiri = -19°44'18 Julian Calendar 1 Nov. 1144 BCE == Greg. Calendar 21 Oct. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1144 BCE
geocentric

DECEMBER 1144 BCE (-1143) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 34	29♏29'52	11♓18	2♐ 4	14♑40	28♌ 8	2°R28	19♌48	11°R21	24♏46	19♒53	28♉27	28♉30	23♎20	n.a.	T 1
W 2	4 0 30	0♐31'07	25°30	3°43	15°48	28°34	2♉22	19°49	11♌21	24°48	19°54	28°27	28°27	23°27	n.a.	W 2
T 3	4 4 27	1°32'22	10♈ 1	5°22	16°56	29° 1	2°15	19°50	11°21	24°50	19°54	28°28	28°24	23°33	n.a.	T 3
F 4	4 8 23	2°33'36	24°46	7° 2	18° 4	29°26	2° 9	19°50	11°20	24°53	19°55	28°28	28°21	23°40	n.a.	F 4
S 5	4 12 20	3°34'49	9♉40	8°42	19°11	29°52	2° 3	19°51	11°20	24°55	19°55	28°28	28°17	23°47	n.a.	S 5
S 6	4 16 16	4°36'02	24°36	10°23	20°19	0♍17	1°57	19°51	11°20	24°57	19°56	28°R29	28°14	23°53	n.a.	S 6
M 7	4 20 13	5°37'14	9♊25	12° 3	21°26	0°43	1°52	19°52	11°19	24°59	19°56	28°29	28°11	24° 0	n.a.	M 7
T 8	4 24 10	6°38'26	24° 1	13°45	22°32	1° 8	1°46	19°52	11°18	25° 2	19°57	28°28	28° 8	24° 7	n.a.	T 8
W 9	4 28 6	7°39'37	8♋16	15°26	23°39	1°32	1°41	19°52	11°18	25° 4	19°57	28°27	28° 5	24°13	n.a.	W 9
T 10	4 32 3	8°40'47	22° 6	17° 8	24°45	1°57	1°36	19°R52	11°17	25° 6	19°58	28°26	28° 2	24°20	n.a.	T 10
F 11	4 35 59	9°41'57	5♌31	18°50	25°51	2°21	1°31	19°52	11°16	25° 8	19°59	28°24	27°58	24°27	n.a.	F 11
S 12	4 39 56	10°43'06	18°30	20°32	26°57	2°45	1°26	19°52	11°16	25°10	19°59	28°23	27°55	24°33	n.a.	S 12
S 13	4 43 52	11°44'14	1♍ 7	22°14	28° 3	3° 8	1°21	19°52	11°15	25°13	20° 0	28°22	27°52	24°40	n.a.	S 13
M14	4 47 49	12°45'22	13°25	23°56	29° 8	3°31	1°17	19°51	11°14	25°15	20° 1	28°D22	27°49	24°47	n.a.	M14
T 15	4 51 46	13°46'29	25°28	25°38	0♒13	3°54	1°12	19°51	11°13	25°17	20° 1	28°22	27°46	24°53	n.a.	T 15
W16	4 55 42	14°47'36	7♎22	27°20	1°18	4°17	1° 8	19°50	11°12	25°19	20° 2	28°23	27°43	25° 0	n.a.	W16
T 17	4 59 39	15°48'41	19°10	29° 0	2°22	4°39	1° 4	19°49	11°11	25°21	20° 3	28°25	27°39	25° 7	n.a.	T 17
F 18	5 3 35	16°49'46	0♏59	0♑41	3°27	5° 1	1° 1	19°49	11°10	25°23	20° 4	28°26	27°36	25°13	n.a.	F 18
S 19	5 7 32	17°50'51	12°51	2°20	4°30	5°23	0°57	19°48	11° 8	25°26	20° 4	28°28	27°33	25°20	n.a.	S 19
S 20	5 11 28	18°51'54	24°50	3°57	5°34	5°44	0°54	19°47	11° 7	25°28	20° 5	28°R29	27°30	25°27	n.a.	S 20
M21	5 15 25	19°52'56	6♐58	5°33	6°37	6° 5	0°50	19°45	11° 6	25°30	20° 6	28°28	27°27	25°33	n.a.	M21
T 22	5 19 21	20°53'57	19°19	7° 7	7°40	6°26	0°47	19°44	11° 5	25°32	20° 7	28°27	27°23	25°40	n.a.	T 22
W23	5 23 18	21°54'57	1♑53	8°39	8°43	6°46	0°45	19°43	11° 3	25°34	20° 8	28°24	27°20	25°47	n.a.	W23
T 24	5 27 15	22°55'56	14°40	10° 7	9°45	7° 6	0°42	19°41	11° 2	25°36	20° 9	28°21	27°17	25°53	n.a.	T 24
F 25	5 31 11	23°56'53	27°40	11°31	10°46	7°26	0°40	19°40	11° 0	25°38	20° 9	28°17	27°14	26° 0	n.a.	F 25
S 26	5 35 8	24°57'49	10♒54	12°51	11°48	7°45	0°38	19°38	10°59	25°40	20°10	28°12	27°11	26° 7	n.a.	S 26
S 27	5 39 4	25°58'43	24°21	14° 6	12°49	8° 4	0°36	19°36	10°57	25°42	20°11	28° 9	27° 8	26°13	n.a.	S 27
M28	5 43 1	26°59'36	8♓ 0	15°15	13°49	8°22	0°34	19°35	10°56	25°44	20°12	28° 6	27° 4	26°20	n.a.	M28
T 29	5 46 57	28° 0'27	21°51	16°17	14°49	8°40	0°32	19°33	10°54	25°46	20°13	28°D 4	27° 1	26°27	n.a.	T 29
W30	5 50 54	29° 1'16	5♈53	17°12	15°49	8°57	0°31	19°31	10°52	25°48	20°14	28° 5	26°58	26°33	n.a.	W30
T 31	5 54 51	0♑ 2'03	20♈ 5	17♑59	16♒48	9♍14	0♉30	19♌28	10♌51	25♏50	20♒15	28♉ 6	26♉55	26♎40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s22	12s12	5s10	22s41	1s48	25s 5	2s 5	14n32	2n22	11n39	0s56	16n59	1n58	18n23	0n45	17s58	1n21	30s38	16s30	20n 9	20n 9	6s27			n.a.
W 2	20 36	6 8	4 43	23 3	1 51	24 55	2 3	14 24	2 23	11 37	0 56	16 59	1 58	18 23	0 45	17 58	1 21	30 37	16 30	20 9	20 8	6 30			n.a.
T 3	20 48	0n23	3 58	23 25	1 54	24 44	2 1	14 16	2 25	11 35	0 55	16 59	1 59	18 23	0 45	17 59	1 21	30 37	16 30	20 9	20 8	6 34			n.a.
F 4	21 1	7 1	2 57	23 45	1 56	24 33	1 59	14 8	2 26	11 33	0 55	16 59	1 59	18 23	0 45	17 59	1 21	30 36	16 29	20 9	20 7	6 37			n.a.
S 5	21 13	13 20	1 43	24 4	1 59	24 21	1 56	13 59	2 27	11 32	0 55	16 59	1 59	18 23	0 45	18 0	1 21	30 36	16 29	20 9	20 6	6 40			n.a.
S 6	21 24	18 53	0 22	24 21	2 0	24 8	1 54	13 51	2 28	11 30	0 55	16 59	2 0	18 24	0 46	18 0	1 21	30 35	16 29	20 9	20 6	6 43			n.a.
M 7	21 36	23 13	1n 0	24 37	2 2	23 55	1 51	13 43	2 29	11 28	0 54	16 59	2 0	18 24	0 46	18 1	1 21	30 35	16 28	20 9	20 5	6 46			n.a.
T 8	21 46	25 59	2 17	24 51	2 3	23 41	1 48	13 35	2 31	11 26	0 54	16 59	2 0	18 24	0 46	18 1	1 21	30 34	16 28	20 9	20 4	6 49			n.a.
W 9	21 57	26 57	3 23	25 4	2 3	23 27	1 45	13 28	2 32	11 25	0 54	17 0	2 0	18 24	0 46	18 2	1 21	30 34	16 28	20 8	20 3	6 53			n.a.
T 10	22 7	26 11	4 16	25 14	2 3	23 12	1 42	13 20	2 33	11 23	0 54	17 0	2 1	18 24	0 46	18 2	1 21	30 33	16 27	20 8	20 3	6 56			n.a.
F 11	22 16	23 55	4 52	25 24	2 3	22 56	1 39	13 12	2 34	11 22	0 53	17 0	2 1	18 25	0 46	18 3	1 21	30 33	16 27	20 8	20 2	6 59			n.a.
S 12	22 25	20 28	5 12	25 31	2 2	22 40	1 35	13 4	2 35	11 20	0 53	17 1	2 1	18 25	0 46	18 4	1 21	30 32	16 27	20 8	20 1	7 2			n.a.
S 13	22 34	16 10	5 17	25 36	2 0	22 23	1 32	12 57	2 37	11 19	0 53	17 1	2 1	18 25	0 46	18 4	1 21	30 32	16 26	20 7	20 1	7 5			n.a.
M14	22 42	11 19	5 6	25 39	1 58	22 6	1 28	12 50	2 38	11 17	0 53	17 1	2 2	18 26	0 46	18 5	1 21	30 31	16 26	20 7	20 0	7 8			n.a.
T 15	22 50	6 8	4 42	25 41	1 55	21 48	1 24	12 42	2 39	11 16	0 52	17 2	2 2	18 26	0 46	18 5	1 21	30 31	16 26	20 7	19 59	7 12			n.a.
W16	22 57	0 48	4 7	25 40	1 52	21 30	1 20	12 35	2 41	11 15	0 52	17 2	2 2	18 26	0 46	18 6	1 21	30 30	16 25	20 8	19 58	7 15			n.a.
T 17	23 4	4s32	3 21	25 37	1 48	21 11	1 16	12 28	2 42	11 14	0 52	17 3	2 3	18 26	0 46	18 6	1 21	30 29	16 25	20 8	19 58	7 18			n.a.
F 18	23 10	9 43	2 26	25 33	1 43	20 52	1 12	12 21	2 43	11 13	0 52	17 3	2 3	18 27	0 46	18 7	1 21	30 29	16 25	20 8	19 57	7 21			n.a.
S 19	23 16	14 36	1 25	25 26	1 37	20 32	1 7	12 14	2 44	11 12	0 51	17 4	2 3	18 27	0 46	18 7	1 21	30 28	16 24	20 9	19 56	7 24			n.a.
S 20	23 21	18 58	0 20	25 17	1 31	20 12	1 3	12 7	2 46	11 11	0 51	17 4	2 3	18 28	0 46	18 8	1 21	30 28	16 24	20 9	19 55	7 27			n.a.
M21	23 26	22 36	0s47	25 6	1 24	19 52	0 58	12 0	2 47	11 10	0 51	17 5	2 4	18 28	0 46	18 8	1 21	30 27	16 24	20 9	19 55	7 30			n.a.
T 22	23 31	25 16	1 52	24 54	1 15	19 31	0 53	11 54	2 48	11 9	0 51	17 6	2 4	18 28	0 46	18 9	1 21	30 27	16 23	20 8	19 54	7 34			n.a.
W23	23 35	26 43	2 54	24 39	1 6	19 9	0 48	11 47	2 50	11 8	0 50	17 6	2 4	18 29	0 46	18 9	1 21	30 26	16 23	20 8	19 53	7 37			n.a.
T 24	23 38	26 46	3 47	24 23	0 56	18 48	0 43	11 41	2 51	11 8	0 50	17 7	2 4	18 29	0 46	18 10	1 21	30 25	16 23	20 7	19 52	7 40			n.a.
F 25	23 41	25 23	4 30	24 5	0 46	18 26	0 38	11 35	2 52	11 7	0 50	17 8	2 5	18 30	0 46	18 10	1 21	30 25	16 22	20 6	19 52	7 43			n.a.
S 26	23 44	22 34	4 59	23 46	0 34	18 3	0 33	11 29	2 54	11 7	0 49	17 8	2 5	18 30	0 46	18 11	1 21	30 24	16 22	20 5	19 51	7 46			n.a.
S 27	23 46	18 31	5 13	23 25	0 21	17 41	0 27	11 23	2 55	11 6	0 49	17 9	2 5	18 31	0 46	18 11	1 21	30 24	16 22	20 4	19 50	7 49			n.a.
M28	23 48	13 28	5 9	23 4	0 7	17 18	0 22	11 17	2 57	11 6	0 49	17 10	2 5	18 31	0 46	18 12	1 21	30 23	16 22	20 4	19 50	7 52			n.a.
T 29	23 49	7 40	4 47	22 42	0n 7	16 54	0 16	11 12	2 58	11 5	0 49	17 11	2 6	18 32	0 46	18 12	1 21	30 22	16 21	20 3	19 49	7 56			n.a.
W30	23 50	1 25	4 8	22 20	0 23	16 31	0 10	11 6	2 59	11 5	0 48	17 12	2 6	18 32	0 46	18 13	1 21	30 22	16 21	20 3	19 48	7 59			n.a.
T 31	23s50	5n 0	3s13	21s58	0n39	16s 7	0s 4	11n 1	3n 1	11n 5	0s48	17n13	2n 6	18n33	0n47	18s13	1n21	30s21	16s21	20n 4	19n47	8s 2			n.a.

Julian Day Number = 1303911.5, Delta T = 07h47m48s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'14, Lahiri = -19°44'14 Julian Calendar 1 Dec. 1144 BCE == Greg. Calendar 20 Nov. 1144 BCE

The year -1143 astronomical counting style corresponds to year 1144 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

JANUARY 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 58 47	1♉ 2'48	4♉25	18♉37	17♒46	9♍31	0°R29	19°R26	10°R49	25♏52	20♒16	28♉ 7	26♉52	26♎47	n.a.	F 1
S 2	6 2 44	2° 3'32	18°52	19° 5	18°44	9°47	0♉28	19♌24	10♌47	25°54	20°17	28° 8	26°49	26°53	n.a.	S 2
S 3	6 6 40	3° 4'14	3♊20	19°24	19°42	10° 3	0°27	19°21	10°45	25°56	20°18	28°R 9	26°45	27° 0	n.a.	S 3
M 4	6 10 37	4° 4'55	17°46	19°R32	20°39	10°18	0°27	19°19	10°43	25°58	20°20	28° 7	26°42	27° 7	n.a.	M 4
T 5	6 14 33	5° 5'34	2♋ 3	19°29	21°35	10°33	0°D27	19°16	10°41	26° 0	20°21	28° 4	26°39	27°13	n.a.	T 5
W 6	6 18 30	6° 6'11	16° 6	19°15	22°31	10°48	0°27	19°14	10°39	26° 2	20°22	27°59	26°36	27°20	n.a.	W 6
T 7	6 22 26	7° 6'46	29°52	18°51	23°26	11° 2	0°27	19°11	10°37	26° 4	20°23	27°52	26°33	27°27	n.a.	T 7
F 8	6 26 23	8° 7'20	13♌16	18°18	24°21	11°15	0°27	19° 8	10°35	26° 5	20°24	27°45	26°30	27°33	n.a.	F 8
S 9	6 30 20	9° 7'52	26°18	17°35	25°15	11°28	0°28	19° 5	10°33	26° 7	20°25	27°38	26°26	27°40	n.a.	S 9
S 10	6 34 16	10° 8'23	8♍58	16°44	26° 8	11°40	0°29	19° 2	10°31	26° 9	20°26	27°33	26°23	27°47	n.a.	S 10
M11	6 38 13	11° 8'52	21°19	15°47	27° 0	11°52	0°30	18°59	10°29	26°11	20°28	27°29	26°20	27°53	n.a.	M11
T 12	6 42 9	12° 9'20	3♎24	14°45	27°52	12° 3	0°31	18°56	10°27	26°12	20°29	27°26	26°17	28° 0	n.a.	T 12
W13	6 46 6	13° 9'46	15°19	13°40	28°43	12°14	0°33	18°52	10°25	26°14	20°30	27°D26	26°14	28° 7	n.a.	W13
T 14	6 50 2	14°10'10	27° 9	12°33	29°33	12°24	0°34	18°49	10°22	26°16	20°31	27°27	26°10	28°13	n.a.	T 14
F 15	6 53 59	15°10'33	8♏57	11°27	0♓23	12°33	0°36	18°46	10°20	26°17	20°32	27°28	26° 7	28°20	n.a.	F 15
S 16	6 57 55	16°10'55	20°51	10°22	1°11	12°42	0°38	18°42	10°18	26°19	20°34	27°29	26° 4	28°27	n.a.	S 16
S 17	7 1 52	17°11'14	2♐54	9°20	1°59	12°50	0°40	18°39	10°16	26°21	20°35	27°R29	26° 1	28°33	n.a.	S 17
M18	7 5 49	18°11'32	15°11	8°23	2°46	12°58	0°43	18°35	10°13	26°22	20°36	27°28	25°58	28°40	n.a.	M18
T 19	7 9 45	19°11'49	27°44	7°31	3°32	13° 5	0°45	18°31	10°11	26°24	20°38	27°24	25°55	28°47	n.a.	T 19
W20	7 13 42	20°12'03	10♑35	6°46	4°16	13°12	0°48	18°28	10° 8	26°25	20°39	27°17	25°51	28°53	n.a.	W20
T 21	7 17 38	21°12'16	23°44	6° 7	5° 0	13°17	0°51	18°24	10° 6	26°27	20°40	27° 9	25°48	29° 0	n.a.	T 21
F 22	7 21 35	22°12'26	7♒ 9	5°35	5°43	13°22	0°54	18°20	10° 4	26°28	20°42	26°59	25°45	29° 7	n.a.	F 22
S 23	7 25 31	23°12'35	20°50	5°10	6°25	13°27	0°58	18°16	10° 1	26°30	20°43	26°49	25°42	29°13	n.a.	S 23
S 24	7 29 28	24°12'41	4♓41	4°52	7° 5	13°30	1° 1	18°12	9°59	26°31	20°44	26°40	25°39	29°20	n.a.	S 24
M25	7 33 24	25°12'45	18°40	4°41	7°44	13°33	1° 5	18° 8	9°56	26°33	20°46	26°33	25°35	29°27	n.a.	M25
T 26	7 37 21	26°12'47	2♈44	4°D36	8°22	13°36	1° 9	18° 4	9°54	26°34	20°47	26°28	25°32	29°33	n.a.	T 26
W27	7 41 18	27°12'46	16°50	4°39	8°59	13°37	1°13	18° 0	9°51	26°35	20°48	26°26	25°29	29°40	n.a.	W27
T 28	7 45 14	28°12'43	0♉57	4°47	9°34	13°38	1°17	17°55	9°49	26°37	20°50	26°D26	25°26	29°47	n.a.	T 28
F 29	7 49 11	29°12'37	15° 3	5° 1	10° 8	13°R38	1°21	17°51	9°46	26°38	20°51	26°26	25°23	29°53	n.a.	F 29
S 30	7 53 7	0♒12'30	29° 8	5°20	10°41	13°38	1°26	17°47	9°44	26°39	20°53	26°R26	25°20	29°59	n.a.	S 30
S 31	7 57 4	1♒12'19	13♊10	5♑45	11♓11	13♍36	1♉31	17♌42	9♌41	26♏41	20♒54	26♉25	25♉16	0♏ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	11n14	2s 6	21s36	0n56	15s43	0n 2	10n56	3n 2	11n 5	0s48	17n14	2n 6	18n33	0n47	18s13	1n21	30s21	16s21	20n 4	19n47	8s 5		n.a.
S 2	23 49	16 54	0 51	21 15	1 13	15 19	0 9	10 51	3 4	11 5	0 47	17 15	2 7	18 34	0 47	18 14	1 21	30 20	16 20	20 4	19 46	8 8		n.a.
S 3	23 48	21 38	0n28	20 55	1 30	14 55	0 15	10 46	3 5	11 5	0 47	17 16	2 7	18 34	0 47	18 14	1 21	30 19	16 20	20 4	19 45	8 11		n.a.
M 4	23 46	25 0	1 45	20 36	1 48	14 30	0 22	10 42	3 6	11 5	0 47	17 17	2 7	18 35	0 47	18 15	1 21	30 19	16 20	20 4	19 44	8 14		n.a.
T 5	23 44	26 43	2 54	20 20	2 5	14 5	0 29	10 37	3 8	11 5	0 47	17 18	2 7	18 35	0 47	18 15	1 21	30 18	16 20	20 3	19 44	8 18		n.a.
W 6	23 41	26 40	3 51	20 5	2 22	13 40	0 36	10 33	3 9	11 6	0 46	17 19	2 8	18 36	0 47	18 16	1 21	30 18	16 19	20 2	19 43	8 21		n.a.
T 7	23 38	24 58	4 34	19 52	2 39	13 15	0 43	10 29	3 11	11 6	0 46	17 20	2 8	18 37	0 47	18 16	1 21	30 17	16 19	20 1	19 42	8 24		n.a.
F 8	23 35	21 53	5 0	19 41	2 54	12 50	0 50	10 25	3 12	11 6	0 46	17 21	2 8	18 37	0 47	18 16	1 21	30 16	16 19	19 59	19 41	8 27		n.a.
S 9	23 31	17 48	5 10	19 33	3 8	12 25	0 57	10 21	3 14	11 7	0 46	17 22	2 8	18 38	0 47	18 17	1 22	30 16	16 19	19 57	19 41	8 30		n.a.
S 10	23 26	13 1	5 4	19 27	3 20	12 0	1 5	10 18	3 15	11 7	0 45	17 23	2 8	18 38	0 47	18 17	1 22	30 15	16 18	19 56	19 40	8 33		n.a.
M11	23 21	7 50	4 44	19 23	3 31	11 35	1 12	10 15	3 17	11 8	0 45	17 25	2 9	18 39	0 47	18 18	1 22	30 15	16 18	19 55	19 39	8 36		n.a.
T 12	23 16	2 27	4 11	19 22	3 40	11 10	1 20	10 12	3 18	11 9	0 45	17 26	2 9	18 40	0 47	18 18	1 22	30 14	16 18	19 55	19 38	8 39		n.a.
W13	23 10	2s56	3 28	19 22	3 46	10 44	1 28	10 9	3 20	11 9	0 45	17 27	2 9	18 40	0 47	18 18	1 22	30 13	16 18	19 55	19 38	8 43		n.a.
T 14	23 4	8 11	2 37	19 25	3 50	10 19	1 36	10 6	3 21	11 10	0 44	17 28	2 9	18 41	0 47	18 19	1 22	30 13	16 17	19 55	19 37	8 46		n.a.
F 15	22 57	13 10	1 39	19 29	3 52	9 54	1 44	10 4	3 23	11 11	0 44	17 30	2 9	18 41	0 47	18 19	1 22	30 12	16 17	19 55	19 36	8 49		n.a.
S 16	22 50	17 41	0 36	19 34	3 52	9 29	1 52	10 2	3 24	11 12	0 44	17 31	2 10	18 42	0 47	18 19	1 22	30 11	16 17	19 55	19 35	8 52		n.a.
S 17	22 42	21 34	0s29	19 41	3 49	9 4	2 1	10 0	3 25	11 13	0 43	17 32	2 10	18 43	0 47	18 20	1 22	30 11	16 17	19 55	19 34	8 55		n.a.
M18	22 34	24 33	1 34	19 49	3 45	8 39	2 9	9 58	3 27	11 14	0 43	17 34	2 10	18 43	0 47	18 20	1 22	30 10	16 17	19 55	19 34	8 58		n.a.
T 19	22 26	26 24	2 35	19 58	3 39	8 14	2 18	9 57	3 28	11 15	0 43	17 35	2 10	18 44	0 47	18 21	1 22	30 10	16 17	19 54	19 33	9 1		n.a.
W20	22 17	26 54	3 30	20 9	3 31	7 50	2 27	9 56	3 30	11 17	0 43	17 36	2 10	18 45	0 47	18 21	1 22	30 9	16 16	19 52	19 32	9 4		n.a.
T 21	22 8	25 54	4 15	20 19	3 22	7 25	2 36	9 55	3 31	11 18	0 42	17 38	2 11	18 45	0 47	18 21	1 22	30 8	16 16	19 51	19 31	9 8		n.a.
F 22	21 58	23 24	4 47	20 31	3 12	7 1	2 45	9 54	3 33	11 19	0 42	17 39	2 11	18 46	0 47	18 22	1 22	30 8	16 16	19 48	19 31	9 11		n.a.
S 23	21 48	19 34	5 3	20 43	3 1	6 37	2 54	9 54	3 34	11 21	0 42	17 41	2 11	18 47	0 47	18 22	1 22	30 7	16 16	19 46	19 30	9 14		n.a.
S 24	21 37	14 37	5 2	20 55	2 50	6 13	3 3	9 54	3 36	11 22	0 42	17 42	2 11	18 48	0 47	18 22	1 22	30 6	16 16	19 44	19 29	9 17		n.a.
M25	21 27	8 52	4 43	21 7	2 38	5 50	3 13	9 54	3 37	11 24	0 41	17 43	2 11	18 48	0 47	18 22	1 22	30 6	16 16	19 42	19 28	9 20		n.a.
T 26	21 15	2 39	4 6	21 20	2 25	5 27	3 22	9 54	3 38	11 25	0 41	17 45	2 11	18 49	0 47	18 23	1 22	30 5	16 15	19 41	19 28	9 23		n.a.
W27	21 4	3n44	3 15	21 33	2 12	5 4	3 32	9 55	3 40	11 27	0 41	17 46	2 12	18 50	0 47	18 23	1 22	30 5	16 15	19 41	19 27	9 26		n.a.
T 28	20 51	9 56	2 12	21 45	2 0	4 42	3 41	9 56	3 41	11 29	0 41	17 48	2 12	18 50	0 47	18 23	1 22	30 4	16 15	19 40	19 26	9 29		n.a.
F 29	20 39	15 39	1 0	21 57	1 47	4 20	3 51	9 57	3 42	11 30	0 40	17 49	2 12	18 51	0 47	18 24	1 22	30 3	16 15	19 41	19 25	9 33		n.a.
S 30	20 26	20 32	0n14	22 9	1 34	3 58	4 1	9 58	3 44	11 32	0 40	17 51	2 12	18 52	0 47	18 24	1 22	30 3	16 15	19 41	19 25	9 36		n.a.
S 31	20s13	24n12	1n28	22s21	1n21	3s37	4n11	10n 0	3n45	11n34	0s40	17n52	2n12	18n53	0n47	18s24	1n22	30s 2	16s15	19n40	19n24	9s39		n.a.

Julian Day Number = 1303942.5, Delta T = 07h47m47s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'10, Lahiri = -19°44'10 Julian Calendar 1 Jan. 1143 BCE == Greg. Calendar 21 Dec. 1144 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

FEBRUARY 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 1 0	2♒12'07	27♊ 8	6♉14	11♓41	13°R34	1♉36	17°R38	9°R38	26♏42	20♒55	26°R22	25♉13	0♏13	n.a.	M 1
T 2	8 4 57	3°11'52	10♋58	6°48	12° 8	13♍31	1°41	17♌34	9♌36	26°43	20°57	26♉16	25°10	0°20	n.a.	T 2
W 3	8 8 53	4°11'35	24°39	7°27	12°34	13°28	1°46	17°29	9°33	26°44	20°58	26° 7	25° 7	0°27	n.a.	W 3
T 4	8 12 50	5°11'16	8♌ 6	8° 9	12°59	13°23	1°52	17°25	9°31	26°45	21° 0	25°55	25° 4	0°33	n.a.	T 4
F 5	8 16 47	6°10'55	21°18	8°55	13°21	13°18	1°57	17°20	9°28	26°46	21° 1	25°43	25° 1	0°40	n.a.	F 5
S 6	8 20 43	7°10'31	4♍12	9°44	13°42	13°12	2° 3	17°16	9°25	26°47	21° 3	25°31	24°57	0°47	n.a.	S 6
S 7	8 24 40	8°10'05	16°48	10°37	14° 0	13° 6	2° 9	17°11	9°23	26°48	21° 4	25°21	24°54	0°53	n.a.	S 7
M 8	8 28 36	9° 9'38	29° 7	11°32	14°17	12°58	2°15	17° 7	9°20	26°49	21° 6	25°12	24°51	1° 0	n.a.	M 8
T 9	8 32 33	10° 9'08	11♎12	12°31	14°31	12°50	2°21	17° 2	9°18	26°50	21° 7	25° 6	24°48	1° 6	n.a.	T 9
W10	8 36 29	11° 8'37	23° 8	13°32	14°43	12°41	2°28	16°57	9°15	26°51	21° 8	25° 2	24°45	1°13	n.a.	W10
T 11	8 40 26	12° 8'03	4♏57	14°36	14°54	12°31	2°34	16°53	9°12	26°52	21°10	25° 1	24°41	1°20	n.a.	T 11
F 12	8 44 22	13° 7'28	16°46	15°42	15° 1	12°21	2°41	16°48	9°10	26°53	21°11	25°D 1	24°38	1°26	n.a.	F 12
S 13	8 48 19	14° 6'51	28°40	16°50	15° 7	12°10	2°48	16°43	9° 7	26°54	21°13	25°R 1	24°35	1°33	n.a.	S 13
S 14	8 52 15	15° 6'12	10♐44	18° 1	15°10	11°57	2°55	16°39	9° 5	26°55	21°14	25° 0	24°32	1°40	n.a.	S 14
M15	8 56 12	16° 5'30	23° 4	19°14	15°R11	11°45	3° 2	16°34	9° 2	26°55	21°16	24°57	24°29	1°46	n.a.	M15
T 16	9 0 9	17° 4'48	5♑44	20°28	15°10	11°31	3° 9	16°29	8°59	26°56	21°17	24°52	24°26	1°53	n.a.	T 16
W17	9 4 5	18° 4'03	18°46	21°45	15° 6	11°17	3°17	16°25	8°57	26°57	21°19	24°44	24°22	2° 0	n.a.	W17
T 18	9 8 2	19° 3'16	2♒11	23° 3	14°59	11° 2	3°24	16°20	8°54	26°58	21°20	24°33	24°19	2° 6	n.a.	T 18
F 19	9 11 58	20° 2'26	15°59	24°24	14°51	10°46	3°32	16°15	8°52	26°58	21°22	24°21	24°16	2°13	n.a.	F 19
S 20	9 15 55	21° 1'35	0♓ 4	25°46	14°39	10°30	3°40	16°11	8°49	26°59	21°23	24° 9	24°13	2°20	n.a.	S 20
S 21	9 19 51	22° 0'41	14°23	27°10	14°25	10°13	3°48	16° 6	8°47	26°59	21°25	23°58	24°10	2°26	n.a.	S 21
M22	9 23 48	22°59'45	28°49	28°35	14° 9	9°56	3°56	16° 2	8°44	27° 0	21°26	23°48	24° 7	2°33	n.a.	M22
T 23	9 27 44	23°58'47	13♈15	0♒ 2	13°50	9°37	4° 4	15°57	8°42	27° 1	21°28	23°42	24° 3	2°40	n.a.	T 23
W24	9 31 41	24°57'46	27°38	1°31	13°29	9°19	4°13	15°52	8°39	27° 1	21°29	23°38	24° 0	2°46	n.a.	W24
T 25	9 35 38	25°56'43	11♉54	3° 1	13° 6	9° 0	4°21	15°48	8°37	27° 1	21°31	23°37	23°57	2°53	n.a.	T 25
F 26	9 39 34	26°55'37	26° 0	4°32	12°40	8°40	4°30	15°43	8°34	27° 2	21°32	23°36	23°54	3° 0	n.a.	F 26
S 27	9 43 31	27°54'29	9♊56	6° 6	12°12	8°20	4°39	15°39	8°32	27° 2	21°34	23°36	23°51	3° 6	n.a.	S 27
S 28	9 47 27	28♒53'19	23♊42	7♒41	11♓43	7♍59	4♉48	15♌34	8♌29	27♏ 3	21♒35	23♉34	23♉47	3♏13	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 0	26n24	2n36	22s32	1n 9	3s17	4n21	10n 2	3n46	11n36	0s40	17n54	2n12	18n53	0n47	18s24	1n22	30s 2	16s15	19n39	19n23	9s42		n.a.
T 2	19 46	26 55	3 34	22 43	0 57	2 57	4 31	10 4	3 48	11 38	0 39	17 55	2 13	18 54	0 47	18 25	1 22	30 1	16 15	19 38	19 22	9 45		n.a.
W 3	19 31	25 47	4 18	22 53	0 45	2 37	4 42	10 7	3 49	11 40	0 39	17 57	2 13	18 55	0 47	18 25	1 22	30 0	16 14	19 36	19 21	9 48		n.a.
T 4	19 17	23 10	4 48	23 2	0 33	2 19	4 52	10 9	3 50	11 42	0 39	17 58	2 13	18 55	0 47	18 25	1 22	30 0	16 14	19 33	19 21	9 51		n.a.
F 5	19 2	19 22	5 1	23 10	0 21	2 1	5 2	10 13	3 51	11 45	0 39	18 0	2 13	18 56	0 47	18 25	1 22	29 59	16 14	19 30	19 20	9 54		n.a.
S 6	18 47	14 45	4 58	23 18	0 10	1 43	5 12	10 16	3 52	11 47	0 38	18 1	2 13	18 57	0 47	18 26	1 22	29 59	16 14	19 27	19 19	9 57		n.a.
S 7	18 31	9 36	4 41	23 25	0s 1	1 27	5 22	10 19	3 53	11 49	0 38	18 3	2 13	18 58	0 47	18 26	1 22	29 58	16 14	19 25	19 18	10 0		n.a.
M 8	18 15	4 11	4 11	23 30	0 11	1 11	5 33	10 23	3 54	11 52	0 38	18 4	2 13	18 58	0 47	18 26	1 22	29 58	16 14	19 23	19 18	10 4		n.a.
T 9	17 59	1s17	3 30	23 35	0 21	0 56	5 43	10 27	3 55	11 54	0 38	18 6	2 13	18 59	0 47	18 26	1 22	29 57	16 14	19 21	19 17	10 7		n.a.
W10	17 43	6 39	2 41	23 38	0 31	0 42	5 53	10 32	3 56	11 56	0 38	18 7	2 13	19 0	0 47	18 26	1 22	29 56	16 14	19 20	19 16	10 10		n.a.
T 11	17 26	11 45	1 44	23 41	0 40	0 29	6 3	10 36	3 57	11 59	0 37	18 9	2 14	19 0	0 47	18 26	1 22	29 56	16 14	19 20	19 15	10 13		n.a.
F 12	17 9	16 25	0 44	23 42	0 49	0 16	6 13	10 41	3 58	12 1	0 37	18 11	2 14	19 1	0 47	18 27	1 23	29 55	16 14	19 20	19 14	10 16		n.a.
S 13	16 52	20 30	0s19	23 42	0 57	0 5	6 23	10 46	3 58	12 4	0 37	18 12	2 14	19 2	0 47	18 27	1 23	29 55	16 14	19 20	19 14	10 19		n.a.
S 14	16 34	23 47	1 22	23 41	1 5	0n 5	6 32	10 52	3 59	12 7	0 37	18 14	2 14	19 2	0 47	18 27	1 23	29 54	16 14	19 20	19 13	10 22		n.a.
M15	16 16	26 1	2 23	23 38	1 13	0 14	6 42	10 57	4 0	12 9	0 36	18 15	2 14	19 3	0 47	18 27	1 23	29 54	16 14	19 19	19 12	10 25		n.a.
T 16	15 58	27 0	3 18	23 34	1 20	0 22	6 51	11 3	4 0	12 12	0 36	18 17	2 14	19 4	0 47	18 27	1 23	29 53	16 14	19 18	19 11	10 28		n.a.
W17	15 40	26 31	4 4	23 29	1 27	0 28	7 0	11 9	4 1	12 15	0 36	18 18	2 14	19 5	0 47	18 27	1 23	29 53	16 14	19 16	19 10	10 31		n.a.
T 18	15 21	24 30	4 38	23 22	1 34	0 34	7 8	11 15	4 1	12 18	0 36	18 20	2 14	19 5	0 47	18 27	1 23	29 52	16 14	19 13	19 10	10 34		n.a.
F 19	15 2	21 1	4 57	23 14	1 40	0 38	7 17	11 21	4 1	12 21	0 36	18 21	2 14	19 6	0 47	18 28	1 23	29 52	16 14	19 10	19 9	10 38		n.a.
S 20	14 43	16 16	4 59	23 4	1 45	0 41	7 25	11 28	4 2	12 23	0 35	18 22	2 14	19 7	0 47	18 28	1 23	29 51	16 14	19 7	19 8	10 41		n.a.
S 21	14 24	10 34	4 42	22 52	1 50	0 42	7 32	11 35	4 2	12 26	0 35	18 24	2 14	19 7	0 47	18 28	1 23	29 51	16 14	19 4	19 7	10 44		n.a.
M22	14 5	4 14	4 7	22 39	1 55	0 43	7 39	11 41	4 2	12 29	0 35	18 25	2 14	19 8	0 47	18 28	1 23	29 50	16 14	19 2	19 6	10 47		n.a.
T 23	13 45	2n19	3 16	22 25	1 59	0 41	7 46	11 48	4 2	12 32	0 35	18 27	2 14	19 9	0 47	18 28	1 23	29 49	16 14	19 0	19 6	10 50		n.a.
W24	13 25	8 45	2 13	22 9	2 3	0 39	7 51	11 56	4 2	12 36	0 34	18 28	2 14	19 9	0 47	18 28	1 23	29 49	16 14	18 59	19 5	10 53		n.a.
T 25	13 5	14 41	1 2	21 51	2 6	0 35	7 57	12 3	4 1	12 39	0 34	18 30	2 14	19 10	0 47	18 28	1 23	29 48	16 14	18 59	19 4	10 56		n.a.
F 26	12 44	19 46	0n13	21 32	2 9	0 29	8 1	12 10	4 1	12 42	0 34	18 31	2 14	19 11	0 47	18 28	1 23	29 48	16 14	18 59	19 3	10 59		n.a.
S 27	12 24	23 43	1 25	21 11	2 12	0 22	8 5	12 17	4 1	12 45	0 34	18 32	2 14	19 11	0 47	18 28	1 23	29 48	16 14	18 59	19 2	11 2		n.a.
S 28	12s 3	26n12	2n32	20s48	2s14	0n14	8n 8	12n25	4n 0	12n48	0s34	18n34	2n14	19n12	0n47	18s28	1n23	29s47	16s14	18n58	19n 2	11s 5		n.a.

Julian Day Number = 1303973.5, Delta T = 07h47m45s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'06, Lahiri = -19°44'05 Julian Calendar 1 Feb. 1143 BCE == Greg. Calendar 21 Jan. 1143 BCE

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

MARCH 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 51 24	29♒52'06	7♋19	9♒17	11°R11	7°R38	4♉57	15°R30	8°R27	27♏ 3	21♒37	23°R31	23♉44	3♏20	n.a.	M 1
T 2	9 55 20	0♓50'51	20°45	10°55	10♓38	7♍17	5° 6	15♌25	8♌25	27° 3	21°38	23♉24	23°41	3°26	n.a.	T 2
W 3	9 59 17	1°49'33	4♌ 1	12°34	10° 3	6°55	5°15	15°21	8°22	27° 3	21°40	23°14	23°38	3°33	n.a.	W 3
T 4	10 3 13	2°48'13	17° 5	14°15	9°28	6°34	5°24	15°17	8°20	27° 4	21°41	23° 2	23°35	3°40	n.a.	T 4
F 5	10 7 10	3°46'51	29°57	15°58	8°51	6°12	5°34	15°12	8°18	27° 4	21°43	22°49	23°32	3°46	n.a.	F 5
S 6	10 11 6	4°45'27	12♍36	17°42	8°13	5°49	5°43	15° 8	8°15	27° 4	21°44	22°37	23°28	3°53	n.a.	S 6
S 7	10 15 3	5°44'01	25° 1	19°27	7°35	5°27	5°53	15° 4	8°13	27° 4	21°46	22°25	23°25	4° 0	n.a.	S 7
M 8	10 19 0	6°42'33	7♎13	21°14	6°57	5° 4	6° 3	15° 0	8°11	27° 4	21°47	22°15	23°22	4° 6	n.a.	M 8
T 9	10 22 56	7°41'03	19°14	23° 3	6°19	4°42	6°13	14°56	8° 9	27° 4	21°48	22° 8	23°19	4°13	n.a.	T 9
W10	10 26 53	8°39'31	1♏ 7	24°53	5°41	4°19	6°23	14°52	8° 7	27°R 4	21°50	22° 4	23°16	4°20	n.a.	W10
T 11	10 30 49	9°37'57	12°55	26°45	5° 3	3°57	6°33	14°48	8° 5	27° 4	21°51	22° 2	23°13	4°26	n.a.	T 11
F 12	10 34 46	10°36'21	24°43	28°38	4°27	3°34	6°43	14°44	8° 2	27° 4	21°53	22°D 2	23° 9	4°33	n.a.	F 12
S 13	10 38 42	11°34'44	6♐37	0♓33	3°51	3°12	6°53	14°40	8° 0	27° 4	21°54	22°R 2	23° 6	4°39	n.a.	S 13
S 14	10 42 39	12°33'05	18°40	2°30	3°16	2°50	7° 3	14°36	7°58	27° 4	21°56	22° 2	23° 3	4°46	n.a.	S 14
M15	10 46 35	13°31'24	1♑ 0	4°28	2°43	2°28	7°14	14°32	7°56	27° 4	21°57	22° 0	23° 0	4°53	n.a.	M15
T 16	10 50 32	14°29'42	13°41	6°28	2°12	2° 6	7°24	14°28	7°54	27° 4	21°58	21°57	22°57	4°59	n.a.	T 16
W17	10 54 28	15°27'58	26°46	8°29	1°42	1°45	7°35	14°25	7°53	27° 3	22° 0	21°51	22°53	5° 6	n.a.	W17
T 18	10 58 25	16°26'13	10♒18	10°31	1°14	1°24	7°46	14°21	7°51	27° 3	22° 1	21°43	22°50	5°13	n.a.	T 18
F 19	11 2 22	17°24'25	24°16	12°35	0°48	1° 3	7°57	14°18	7°49	27° 3	22° 3	21°33	22°47	5°19	n.a.	F 19
S 20	11 6 18	18°22'36	8♓38	14°40	0°25	0°43	8° 8	14°14	7°47	27° 3	22° 4	21°23	22°44	5°26	n.a.	S 20
S 21	11 10 15	19°20'45	23°17	16°47	0° 3	0°23	8°19	14°11	7°45	27° 2	22° 5	21°14	22°41	5°33	n.a.	S 21
M22	11 14 11	20°18'52	8♈ 6	18°54	29♒44	0° 4	8°30	14° 7	7°44	27° 2	22° 7	21° 6	22°38	5°39	n.a.	M22
T 23	11 18 8	21°16'57	22°57	21° 2	29°27	29♌46	8°41	14° 4	7°42	27° 2	22° 8	21° 1	22°34	5°46	n.a.	T 23
W24	11 22 4	22°15'00	7♉42	23°11	29°13	29°27	8°52	14° 1	7°40	27° 1	22° 9	20°58	22°31	5°53	n.a.	W24
T 25	11 26 1	23°13'02	22°15	25°20	29° 1	29°10	9° 4	13°58	7°39	27° 1	22°11	20°D58	22°28	5°59	n.a.	T 25
F 26	11 29 57	24°11'01	6♊33	27°29	28°51	28°53	9°15	13°55	7°37	27° 0	22°12	20°58	22°25	6° 6	n.a.	F 26
S 27	11 33 54	25° 8'58	20°33	29°39	28°44	28°37	9°26	13°52	7°36	27° 0	22°13	20°R59	22°22	6°13	n.a.	S 27
S 28	11 37 51	26° 6'53	4♋16	1♈47	28°39	28°21	9°38	13°49	7°34	26°59	22°15	20°59	22°18	6°19	n.a.	S 28
M29	11 41 47	27° 4'47	17°43	3°56	28°D37	28° 6	9°50	13°46	7°33	26°59	22°16	20°57	22°15	6°26	n.a.	M29
T 30	11 45 44	28° 2'38	0♌54	6° 3	28°37	27°52	10° 1	13°44	7°31	26°58	22°17	20°53	22°12	6°33	n.a.	T 30
W31	11 49 40	29♓ 0'27	13♌51	8♈ 9	28♒39	27♌39	10♉13	13♌41	7♌30	26♏57	22♒18	20♉46	22♉ 9	6♏39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	11s42	27n 6	3n29	20s24	2s15	0n 4	8n11	12n32	4n 0	12n51	0s33	18n35	2n14	19n12	0n47	18s28	1n23	29s47	16s14	18n57	19n 1	11s 8			n.a.
T 2	11 21	26 23	4 14	19 57	2 16	0s 7	8 12	12 40	3 59	12 55	0 33	18 37	2 14	19 13	0 47	18 28	1 23	29 46	16 14	18 56	19 0	11 11			n.a.
W 3	11 0	24 9	4 44	19 29	2 16	0 20	8 13	12 47	3 58	12 58	0 33	18 38	2 14	19 14	0 47	18 28	1 23	29 46	16 14	18 53	18 59	11 14			n.a.
T 4	10 39	20 42	4 59	19 0	2 16	0 33	8 13	12 54	3 57	13 1	0 33	18 39	2 14	19 14	0 47	18 28	1 23	29 45	16 14	18 50	18 58	11 17			n.a.
F 5	10 17	16 18	4 58	18 28	2 16	0 48	8 12	13 2	3 56	13 5	0 33	18 40	2 14	19 15	0 47	18 28	1 23	29 45	16 14	18 47	18 58	11 21			n.a.
S 6	9 55	11 17	4 43	17 55	2 15	1 4	8 9	13 9	3 55	13 8	0 32	18 42	2 14	19 15	0 47	18 28	1 23	29 44	16 14	18 44	18 57	11 24			n.a.
S 7	9 34	5 53	4 14	17 20	2 13	1 21	8 7	13 17	3 54	13 12	0 32	18 43	2 14	19 16	0 47	18 28	1 23	29 44	16 14	18 40	18 56	11 27			n.a.
M 8	9 12	0 22	3 34	16 43	2 11	1 38	8 3	13 24	3 52	13 15	0 32	18 44	2 14	19 17	0 47	18 28	1 23	29 43	16 15	18 38	18 55	11 30			n.a.
T 9	8 50	5s 7	2 45	16 5	2 8	1 57	7 58	13 31	3 51	13 19	0 32	18 45	2 14	19 17	0 47	18 28	1 23	29 43	16 15	18 36	18 54	11 33			n.a.
W10	8 27	10 21	1 49	15 24	2 5	2 16	7 52	13 38	3 49	13 22	0 32	18 47	2 14	19 18	0 47	18 28	1 23	29 43	16 15	18 35	18 54	11 36			n.a.
T 11	8 5	15 12	0 48	14 42	2 2	2 36	7 46	13 45	3 48	13 26	0 32	18 48	2 14	19 18	0 47	18 28	1 24	29 42	16 15	18 35	18 53	11 39			n.a.
F 12	7 43	19 29	0s14	13 58	1 57	2 56	7 38	13 51	3 46	13 29	0 31	18 49	2 14	19 19	0 47	18 28	1 24	29 42	16 15	18 34	18 52	11 42			n.a.
S 13	7 20	23 2	1 17	13 12	1 52	3 16	7 30	13 58	3 44	13 33	0 31	18 50	2 14	19 19	0 47	18 28	1 24	29 41	16 15	18 35	18 51	11 45			n.a.
S 14	6 58	25 37	2 17	12 25	1 47	3 37	7 22	14 4	3 42	13 36	0 31	18 51	2 14	19 20	0 47	18 28	1 24	29 41	16 15	18 34	18 50	11 48			n.a.
M15	6 35	27 2	3 12	11 36	1 41	3 58	7 12	14 11	3 40	13 40	0 31	18 52	2 14	19 20	0 47	18 28	1 24	29 41	16 15	18 34	18 50	11 51			n.a.
T 16	6 12	27 5	3 59	10 45	1 35	4 18	7 2	14 17	3 38	13 44	0 31	18 53	2 14	19 21	0 47	18 28	1 24	29 40	16 15	18 33	18 49	11 54			n.a.
W17	5 49	25 39	4 35	9 53	1 28	4 39	6 51	14 22	3 36	13 47	0 30	18 54	2 14	19 21	0 47	18 28	1 24	29 40	16 16	18 32	18 48	11 57			n.a.
T 18	5 26	22 43	4 58	8 59	1 20	4 59	6 40	14 28	3 34	13 51	0 30	18 55	2 14	19 22	0 47	18 28	1 24	29 40	16 16	18 30	18 47	12 0			n.a.
F 19	5 3	18 24	5 3	8 3	1 12	5 19	6 29	14 33	3 31	13 55	0 30	18 56	2 14	19 22	0 47	18 28	1 24	29 39	16 16	18 27	18 46	12 3			n.a.
S 20	4 40	12 56	4 50	7 7	1 4	5 38	6 17	14 38	3 29	13 59	0 30	18 57	2 14	19 23	0 47	18 28	1 24	29 39	16 16	18 24	18 45	12 6			n.a.
S 21	4 17	6 39	4 18	6 9	0 55	5 57	6 5	14 43	3 26	14 2	0 30	18 58	2 14	19 23	0 47	18 27	1 24	29 39	16 16	18 22	18 45	12 9			n.a.
M22	3 54	0n 5	3 28	5 10	0 46	6 16	5 52	14 48	3 24	14 6	0 30	18 59	2 13	19 23	0 47	18 27	1 24	29 38	16 16	18 20	18 44	12 12			n.a.
T 23	3 31	6 50	2 24	4 10	0 36	6 33	5 39	14 52	3 21	14 10	0 29	19 0	2 13	19 24	0 47	18 27	1 24	29 38	16 17	18 18	18 43	12 15			n.a.
W24	3 7	13 12	1 10	3 9	0 26	6 51	5 26	14 56	3 18	14 14	0 29	19 1	2 13	19 24	0 47	18 27	1 24	29 38	16 17	18 18	18 42	12 18			n.a.
T 25	2 44	18 45	0n 7	2 7	0 16	7 7	5 13	15 0	3 16	14 18	0 29	19 2	2 13	19 25	0 47	18 27	1 24	29 37	16 17	18 17	18 41	12 21			n.a.
F 26	2 21	23 7	1 23	1 6	0 5	7 23	5 0	15 3	3 13	14 21	0 29	19 2	2 13	19 25	0 47	18 27	1 24	29 37	16 17	18 18	18 40	12 24			n.a.
S 27	1 57	26 1	2 32	0 4	0n 6	7 37	4 47	15 7	3 10	14 25	0 29	19 3	2 13	19 25	0 47	18 27	1 24	29 37	16 17	18 18	18 40	12 27			n.a.
S 28	1 34	27 16	3 31	0n58	0 16	7 51	4 34	15 9	3 7	14 29	0 29	19 4	2 13	19 26	0 47	18 26	1 24	29 37	16 18	18 18	18 39	12 30			n.a.
M29	1 11	26 53	4 17	2 0	0 27	8 4	4 21	15 12	3 4	14 33	0 28	19 5	2 13	19 26	0 47	18 26	1 24	29 36	16 18	18 17	18 38	12 34			n.a.
T 30	0 47	24 58	4 48	3 1	0 38	8 17	4 8	15 14	3 1	14 37	0 28	19 5	2 13	19 26	0 47	18 26	1 24	29 36	16 18	18 16	18 37	12 37			n.a.
W31	0s24	21n47	5n 4	4n 2	0n48	8s28	3n55	15n16	2n58	14n41	0s28	19n 6	2n13	19n27	0n47	18s26	1n24	29s36	16s18	18n14	18n36	12s40			n.a.

Julian Day Number = 1304001.5, Delta T = 07h47m44s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°51'02, Lahiri = -19°44'02 Julian Calendar 1 March 1143 BCE == Greg. Calendar 18 Feb. 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

APRIL 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 37	29♓58'15	26♌36	10♈14	28♒44	27°R26	10♉25	13°R39	7°R29	26°R57	22♒20	20°R38	22♉ 6	6♏46	n.a.	T 1
F 2	11 57 33	0♈56'00	9♍ 9	12°17	28°51	27♌15	10°37	13♌36	7♌28	26♏56	22°21	20♉29	22° 3	6°53	n.a.	F 2
S 3	12 1 30	1°53'44	21°30	14°17	29° 0	27° 3	10°49	13°34	7°26	26°55	22°22	20°21	21°59	6°59	n.a.	S 3
S 4	12 5 26	2°51'27	3♎42	16°16	29°11	26°53	11° 1	13°32	7°25	26°54	22°23	20°13	21°56	7° 6	n.a.	S 4
M 5	12 9 23	3°49'08	15°44	18°12	29°24	26°44	11°13	13°29	7°24	26°54	22°24	20° 6	21°53	7°12	n.a.	M 5
T 6	12 13 19	4°46'47	27°39	20° 5	29°39	26°35	11°25	13°27	7°23	26°53	22°26	20° 1	21°50	7°19	n.a.	T 6
W 7	12 17 16	5°44'25	9♏28	21°56	29°57	26°27	11°37	13°25	7°22	26°52	22°27	19°59	21°47	7°26	n.a.	W 7
T 8	12 21 13	6°42'02	21°15	23°44	0♓16	26°20	11°49	13°23	7°21	26°51	22°28	19°D58	21°44	7°32	n.a.	T 8
F 9	12 25 9	7°39'38	3♐ 4	25°28	0°37	26°14	12° 2	13°22	7°20	26°50	22°29	19°59	21°40	7°39	n.a.	F 9
S 10	12 29 6	8°37'12	14°58	27°10	0°59	26° 8	12°14	13°20	7°19	26°49	22°30	20° 1	21°37	7°46	n.a.	S 10
S 11	12 33 2	9°34'46	27° 1	28°48	1°24	26° 3	12°27	13°18	7°19	26°48	22°31	20° 2	21°34	7°52	n.a.	S 11
M12	12 36 59	10°32'18	9♑20	0♉23	1°50	26° 0	12°39	13°17	7°18	26°47	22°32	20°R 3	21°31	7°59	n.a.	M12
T 13	12 40 55	11°29'49	21°59	1°55	2°18	25°57	12°52	13°15	7°17	26°46	22°33	20° 2	21°28	8° 6	n.a.	T 13
W14	12 44 52	12°27'20	5♒ 2	3°24	2°47	25°54	13° 4	13°14	7°17	26°45	22°34	20° 0	21°24	8°12	n.a.	W14
T 15	12 48 49	13°24'49	18°31	4°49	3°17	25°53	13°17	13°13	7°16	26°44	22°35	19°56	21°21	8°19	n.a.	T 15
F 16	12 52 45	14°22'17	2♓29	6°10	3°49	25°D52	13°29	13°12	7°16	26°43	22°36	19°52	21°18	8°26	n.a.	F 16
S 17	12 56 42	15°19'45	16°53	7°28	4°23	25°52	13°42	13°11	7°15	26°42	22°37	19°47	21°15	8°32	n.a.	S 17
S 18	13 0 38	16°17'11	1♈39	8°43	4°57	25°53	13°55	13°10	7°15	26°41	22°38	19°42	21°12	8°39	n.a.	S 18
M19	13 4 35	17°14'36	16°41	9°54	5°33	25°55	14° 8	13° 9	7°14	26°40	22°39	19°38	21° 9	8°46	n.a.	M19
T 20	13 8 31	18°12'00	1♉48	11° 1	6°10	25°57	14°21	13° 8	7°14	26°39	22°40	19°36	21° 5	8°52	n.a.	T 20
W21	13 12 28	19° 9'23	16°51	12° 5	6°49	26° 1	14°34	13° 8	7°14	26°38	22°41	19°D35	21° 2	8°59	n.a.	W21
T 22	13 16 24	20° 6'45	1♊43	13° 5	7°28	26° 5	14°46	13° 7	7°13	26°36	22°42	19°35	20°59	9° 5	n.a.	T 22
F 23	13 20 21	21° 4'05	16°18	14° 1	8° 8	26°10	14°59	13° 7	7°13	26°35	22°43	19°36	20°56	9°12	n.a.	F 23
S 24	13 24 18	22° 1'25	0♋30	14°54	8°50	26°15	15°12	13° 6	7°13	26°34	22°44	19°38	20°53	9°19	n.a.	S 24
S 25	13 28 14	22°58'43	14°20	15°42	9°32	26°21	15°25	13° 6	7°13	26°33	22°45	19°39	20°50	9°25	n.a.	S 25
M26	13 32 11	23°56'00	27°47	16°26	10°15	26°28	15°39	13° 6	7°D13	26°31	22°45	19°R39	20°46	9°32	n.a.	M26
T 27	13 36 7	24°53'16	10♌53	17° 6	11° 0	26°36	15°52	13°D 6	7°13	26°30	22°46	19°38	20°43	9°39	n.a.	T 27
W28	13 40 4	25°50'30	23°40	17°42	11°45	26°44	16° 5	13° 6	7°13	26°29	22°47	19°36	20°40	9°45	n.a.	W28
T 29	13 44 0	26°47'44	6♍12	18°13	12°31	26°53	16°18	13° 6	7°13	26°27	22°48	19°33	20°37	9°52	n.a.	T 29
F 30	13 47 57	27♈44'56	18♍31	18♉40	13♓17	27♌ 3	16♉31	13♌ 7	7♌14	26♏26	22♒49	19♉30	20♉34	9♏59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 1	17n37	5n 5	5n 1	0n59	8s38	3n42	15n18	2n55	14n45	0s28	19n 7	2n12	19n27	0n47	18s26	1n24	29s36	16s18	18n12	18n36	12s43		n.a.
F 2	0n23	12 45	4 51	5 59	1 9	8 48	3 30	15 19	2 52	14 49	0 28	19 7	2 12	19 27	0 46	18 26	1 24	29 35	16 19	18 10	18 35	12 46		n.a.
S 3	0 46	7 26	4 23	6 56	1 19	8 56	3 17	15 20	2 49	14 53	0 28	19 8	2 12	19 28	0 46	18 25	1 24	29 35	16 19	18 7	18 34	12 49		n.a.
S 4	1 9	1 55	3 43	7 51	1 28	9 4	3 5	15 21	2 46	14 56	0 28	19 8	2 12	19 28	0 46	18 25	1 24	29 35	16 19	18 5	18 33	12 52		n.a.
M 5	1 33	3s37	2 54	8 44	1 37	9 11	2 53	15 21	2 43	15 0	0 27	19 9	2 12	19 28	0 46	18 25	1 24	29 35	16 19	18 3	18 32	12 55		n.a.
T 6	1 56	8 58	1 58	9 36	1 45	9 16	2 41	15 22	2 40	15 4	0 27	19 9	2 12	19 28	0 46	18 25	1 24	29 35	16 20	18 2	18 31	12 58		n.a.
W 7	2 19	13 59	0 57	10 25	1 53	9 21	2 29	15 21	2 37	15 8	0 27	19 10	2 12	19 29	0 46	18 25	1 24	29 35	16 20	18 2	18 31	13 1		n.a.
T 8	2 42	18 29	0s 7	11 13	2 0	9 25	2 18	15 21	2 34	15 12	0 27	19 10	2 12	19 29	0 46	18 24	1 24	29 34	16 20	18 1	18 30	13 4		n.a.
F 9	3 5	22 16	1 11	11 58	2 7	9 28	2 6	15 20	2 31	15 16	0 27	19 11	2 11	19 29	0 46	18 24	1 24	29 34	16 20	18 2	18 29	13 7		n.a.
S 10	3 28	25 9	2 12	12 41	2 12	9 31	1 55	15 19	2 28	15 20	0 27	19 11	2 11	19 29	0 46	18 24	1 25	29 34	16 21	18 2	18 28	13 10		n.a.
S 11	3 51	26 56	3 8	13 22	2 18	9 32	1 44	15 18	2 25	15 24	0 26	19 11	2 11	19 29	0 46	18 24	1 25	29 34	16 21	18 2	18 27	13 13		n.a.
M12	4 14	27 26	3 57	14 0	2 22	9 32	1 34	15 16	2 21	15 28	0 26	19 12	2 11	19 30	0 46	18 23	1 25	29 34	16 21	18 3	18 26	13 16		n.a.
T 13	4 37	26 32	4 35	14 36	2 26	9 32	1 24	15 15	2 18	15 32	0 26	19 12	2 11	19 30	0 46	18 23	1 25	29 34	16 21	18 2	18 25	13 19		n.a.
W14	5 0	24 11	5 1	15 10	2 28	9 31	1 14	15 13	2 15	15 36	0 26	19 12	2 11	19 30	0 46	18 23	1 25	29 34	16 22	18 2	18 25	13 22		n.a.
T 15	5 23	20 27	5 11	15 41	2 30	9 29	1 4	15 10	2 12	15 40	0 26	19 12	2 11	19 30	0 46	18 23	1 25	29 33	16 22	18 1	18 24	13 24		n.a.
F 16	5 45	15 28	5 4	16 10	2 32	9 26	0 54	15 8	2 9	15 44	0 26	19 13	2 10	19 30	0 46	18 22	1 25	29 33	16 22	18 0	18 23	13 27		n.a.
S 17	6 8	9 30	4 38	16 37	2 32	9 22	0 45	15 5	2 6	15 48	0 26	19 13	2 10	19 30	0 46	18 22	1 25	29 33	16 23	17 58	18 22	13 30		n.a.
S 18	6 30	2 52	3 52	17 1	2 31	9 18	0 36	15 2	2 3	15 52	0 26	19 13	2 10	19 30	0 46	18 22	1 25	29 33	16 23	17 57	18 21	13 33		n.a.
M19	6 53	4n 3	2 50	17 23	2 30	9 13	0 27	14 58	2 0	15 56	0 25	19 13	2 10	19 30	0 46	18 21	1 25	29 33	16 23	17 56	18 20	13 36		n.a.
T 20	7 15	10 48	1 36	17 43	2 28	9 7	0 18	14 55	1 57	16 0	0 25	19 13	2 10	19 30	0 46	18 21	1 25	29 33	16 23	17 55	18 20	13 39		n.a.
W21	7 37	16 55	0 15	18 1	2 25	9 0	0 10	14 51	1 54	16 4	0 25	19 13	2 10	19 30	0 46	18 21	1 25	29 33	16 24	17 55	18 19	13 42		n.a.
T 22	7 59	21 56	1n 6	18 16	2 21	8 53	0 2	14 47	1 52	16 8	0 25	19 13	2 10	19 30	0 46	18 21	1 25	29 33	16 24	17 55	18 18	13 45		n.a.
F 23	8 21	25 27	2 21	18 28	2 17	8 45	0s 6	14 42	1 49	16 12	0 25	19 13	2 9	19 30	0 46	18 20	1 25	29 33	16 24	17 55	18 17	13 48		n.a.
S 24	8 43	27 16	3 26	18 39	2 11	8 36	0 14	14 38	1 46	16 16	0 25	19 13	2 9	19 30	0 46	18 20	1 25	29 33	16 25	17 56	18 16	13 51		n.a.
S 25	9 5	27 18	4 17	18 47	2 4	8 27	0 21	14 33	1 43	16 20	0 25	19 13	2 9	19 30	0 46	18 20	1 25	29 33	16 25	17 56	18 15	13 54		n.a.
M26	9 26	25 43	4 52	18 53	1 57	8 17	0 28	14 28	1 40	16 24	0 24	19 13	2 9	19 30	0 46	18 19	1 25	29 33	16 25	17 56	18 14	13 57		n.a.
T 27	9 47	22 46	5 11	18 57	1 49	8 6	0 35	14 22	1 37	16 28	0 24	19 13	2 9	19 30	0 46	18 19	1 25	29 33	16 26	17 56	18 14	14 0		n.a.
W28	10 9	18 46	5 14	18 59	1 40	7 55	0 42	14 17	1 35	16 32	0 24	19 13	2 9	19 30	0 46	18 19	1 25	29 33	16 26	17 55	18 13	14 3		n.a.
T 29	10 30	14 2	5 1	18 58	1 30	7 43	0 48	14 11	1 32	16 36	0 24	19 12	2 8	19 30	0 46	18 18	1 25	29 33	16 26	17 54	18 12	14 6		n.a.
F 30	10n51	8n49	4n35	18n56	1n19	7s31	0s55	14n 5	1n29	16n40	0s24	19n12	2n 8	19n30	0n45	18s18	1n25	29s33	16s27	17n54	18n11	14s 9		n.a.

Julian Day Number = 1304032.5, Delta T = 07h47m42s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'58, Lahiri = -19°43'57 Julian Calendar 1 Apr. 1143 BCE == Greg. Calendar 21 March 1143 BCE

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

MAY 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 53	28♈42'08	0♎39	19♉ 3	14♓ 5	27♌14	16♉44	13♌ 7	7♌14	26°R25	22♒49	19°R26	20♉30	10♏ 5	n.a.	S 1
S 2	13 55 50	29°39'18	12°39	19°21	14°53	27°25	16°58	13° 7	7°14	26♏23	22°50	19♉23	20°27	10°12	n.a.	S 2
M 3	13 59 47	0♉36'28	24°33	19°35	15°42	27°36	17°11	13° 8	7°14	26°22	22°51	19°21	20°24	10°19	n.a.	M 3
T 4	14 3 43	1°33'37	6♏23	19°44	16°32	27°49	17°24	13° 9	7°15	26°20	22°51	19°20	20°21	10°25	n.a.	T 4
W 5	14 7 40	2°30'46	18°10	19°R48	17°22	28° 1	17°38	13°10	7°15	26°19	22°52	19°D19	20°18	10°32	n.a.	W 5
T 6	14 11 36	3°27'54	29°59	19°48	18°13	28°15	17°51	13°10	7°16	26°18	22°53	19°19	20°15	10°39	n.a.	T 6
F 7	14 15 33	4°25'02	11♐50	19°43	19° 5	28°29	18° 4	13°11	7°16	26°16	22°53	19°20	20°11	10°45	n.a.	F 7
S 8	14 19 29	5°22'09	23°48	19°34	19°57	28°44	18°18	13°12	7°17	26°15	22°54	19°22	20° 8	10°52	n.a.	S 8
S 9	14 23 26	6°19'16	5♑55	19°21	20°50	28°59	18°31	13°14	7°18	26°13	22°55	19°23	20° 5	10°59	n.a.	S 9
M10	14 27 22	7°16'23	18°16	19° 4	21°44	29°15	18°44	13°15	7°18	26°12	22°55	19°24	20° 2	11° 5	n.a.	M10
T 11	14 31 19	8°13'30	0♒55	18°43	22°38	29°31	18°58	13°16	7°19	26°10	22°56	19°24	19°59	11°12	n.a.	T 11
W12	14 35 16	9°10'36	13°54	18°19	23°32	29°48	19°11	13°18	7°20	26° 9	22°56	19°R24	19°55	11°18	n.a.	W12
T 13	14 39 12	10° 7'43	27°18	17°52	24°27	0♍ 5	19°25	13°19	7°21	26° 7	22°57	19°24	19°52	11°25	n.a.	T 13
F 14	14 43 9	11° 4'49	11♓ 8	17°22	25°23	0°23	19°38	13°21	7°22	26° 6	22°57	19°23	19°49	11°32	n.a.	F 14
S 15	14 47 5	12° 1'55	25°24	16°50	26°19	0°42	19°52	13°23	7°23	26° 4	22°58	19°22	19°46	11°38	n.a.	S 15
S 16	14 51 2	12°59'01	10♈ 4	16°17	27°15	1° 1	20° 5	13°25	7°24	26° 2	22°58	19°22	19°43	11°45	n.a.	S 16
M17	14 54 58	13°56'07	25° 2	15°42	28°12	1°20	20°19	13°27	7°25	26° 1	22°58	19°21	19°40	11°52	n.a.	M17
T 18	14 58 55	14°53'14	10♉11	15° 7	29° 9	1°40	20°32	13°29	7°26	25°59	22°59	19°21	19°36	11°58	n.a.	T 18
W19	15 2 51	15°50'20	25°21	14°32	0♈ 7	2° 1	20°46	13°31	7°27	25°58	22°59	19°D21	19°33	12° 5	n.a.	W19
T 20	15 6 48	16°47'26	10♊24	13°58	1° 5	2°21	20°59	13°33	7°29	25°56	22°59	19°21	19°30	12°12	n.a.	T 20
F 21	15 10 45	17°44'32	25°11	13°26	2° 4	2°43	21°13	13°35	7°30	25°55	23° 0	19°21	19°27	12°18	n.a.	F 21
S 22	15 14 41	18°41'37	9♋36	12°55	3° 3	3° 5	21°27	13°38	7°31	25°53	23° 0	19°21	19°24	12°25	n.a.	S 22
S 23	15 18 38	19°38'42	23°36	12°26	4° 2	3°27	21°40	13°40	7°33	25°51	23° 0	19°R21	19°21	12°32	n.a.	S 23
M24	15 22 34	20°35'47	7♌10	12° 1	5° 1	3°50	21°54	13°43	7°34	25°50	23° 1	19°21	19°17	12°38	n.a.	M24
T 25	15 26 31	21°32'52	20°18	11°38	6° 1	4°13	22° 7	13°46	7°36	25°48	23° 1	19°D21	19°14	12°45	n.a.	T 25
W26	15 30 27	22°29'56	3♍ 4	11°20	7° 1	4°36	22°21	13°48	7°37	25°47	23° 1	19°21	19°11	12°52	n.a.	W26
T 27	15 34 24	23°27'01	15°31	11° 6	8° 2	5° 0	22°34	13°51	7°39	25°45	23° 1	19°21	19° 8	12°58	n.a.	T 27
F 28	15 38 21	24°24'05	27°42	10°56	9° 3	5°24	22°48	13°54	7°41	25°43	23° 1	19°22	19° 5	13° 5	n.a.	F 28
S 29	15 42 17	25°21'09	9♎43	10°51	10° 4	5°49	23° 1	13°57	7°42	25°42	23° 2	19°22	19° 1	13°11	n.a.	S 29
S 30	15 46 14	26°18'13	21°36	10°D50	11° 5	6°14	23°15	14° 0	7°44	25°40	23° 2	19°23	18°58	13°18	n.a.	S 30
M31	15 50 10	27♉15'17	3♏24	10♉55	12♈ 7	6♍40	23♉28	14♌ 4	7♌46	25♏38	23♒ 2	19♉24	18♉55	13♏25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n11	3n21	3n57	18n51	1n 8	7s18	1s 1	13n59	1n26	16n44	0s24	19n12	2n 8	19n30	0n45	18s18	1n25	29s33	16s27	17n53	18n10	14s12		n.a.
S 2	11 32	2s11	3 9	18 44	0 55	7 4	1 7	13 53	1 24	16 48	0 24	19 12	2 8	19 30	0 45	18 17	1 25	29 33	16 27	17 52	18 9	14 15		n.a.
M 3	11 52	7 37	2 13	18 35	0 42	6 50	1 12	13 46	1 21	16 52	0 24	19 11	2 8	19 30	0 45	18 17	1 25	29 33	16 28	17 51	18 8	14 18		n.a.
T 4	12 13	12 45	1 11	18 25	0 28	6 35	1 18	13 39	1 19	16 56	0 23	19 11	2 8	19 30	0 45	18 17	1 25	29 33	16 28	17 51	18 8	14 21		n.a.
W 5	12 33	17 25	0 6	18 12	0 14	6 20	1 23	13 33	1 16	17 0	0 23	19 10	2 7	19 29	0 45	18 16	1 25	29 33	16 28	17 51	18 7	14 24		n.a.
T 6	12 52	21 26	0s59	17 57	0s 1	6 5	1 28	13 25	1 13	17 4	0 23	19 10	2 7	19 29	0 45	18 16	1 25	29 34	16 29	17 51	18 6	14 27		n.a.
F 7	13 12	24 35	2 2	17 41	0 17	5 49	1 33	13 18	1 11	17 7	0 23	19 10	2 7	19 29	0 45	18 16	1 25	29 34	16 29	17 51	18 5	14 30		n.a.
S 8	13 32	26 40	3 0	17 23	0 33	5 32	1 38	13 11	1 9	17 11	0 23	19 9	2 7	19 29	0 45	18 15	1 25	29 34	16 29	17 51	18 4	14 32		n.a.
S 9	13 51	27 32	3 51	17 4	0 49	5 15	1 42	13 3	1 6	17 15	0 23	19 9	2 7	19 29	0 45	18 15	1 25	29 34	16 30	17 52	18 3	14 35		n.a.
M10	14 10	27 3	4 32	16 43	1 6	4 57	1 46	12 55	1 4	17 19	0 23	19 8	2 7	19 28	0 45	18 15	1 25	29 34	16 30	17 52	18 2	14 38		n.a.
T 11	14 29	25 10	5 1	16 21	1 23	4 39	1 51	12 47	1 1	17 23	0 23	19 8	2 6	19 28	0 45	18 14	1 25	29 34	16 31	17 52	18 1	14 41		n.a.
W12	14 47	21 57	5 16	15 59	1 39	4 21	1 54	12 39	0 59	17 27	0 23	19 7	2 6	19 28	0 45	18 14	1 25	29 34	16 31	17 52	18 1	14 44		n.a.
T 13	15 6	17 31	5 14	15 35	1 56	4 2	1 58	12 30	0 57	17 31	0 22	19 6	2 6	19 28	0 45	18 13	1 25	29 34	16 31	17 52	18 0	14 47		n.a.
F 14	15 24	12 2	4 55	15 11	2 12	3 43	2 2	12 22	0 54	17 34	0 22	19 6	2 6	19 27	0 45	18 13	1 25	29 35	16 32	17 52	17 59	14 50		n.a.
S 15	15 42	5 46	4 17	14 47	2 27	3 24	2 5	12 13	0 52	17 38	0 22	19 5	2 6	19 27	0 45	18 13	1 25	29 35	16 32	17 52	17 58	14 53		n.a.
S 16	15 59	0n58	3 21	14 23	2 42	3 4	2 8	12 4	0 50	17 42	0 22	19 4	2 6	19 27	0 45	18 12	1 25	29 35	16 32	17 51	17 57	14 56		n.a.
M17	16 17	7 49	2 11	14 0	2 57	2 44	2 11	11 55	0 48	17 46	0 22	19 4	2 6	19 26	0 45	18 12	1 25	29 35	16 33	17 51	17 56	14 59		n.a.
T 18	16 34	14 19	0 51	13 37	3 10	2 23	2 14	11 46	0 45	17 50	0 22	19 3	2 5	19 26	0 45	18 12	1 25	29 35	16 33	17 51	17 55	15 2		n.a.
W19	16 51	19 57	0n33	13 15	3 22	2 2	2 17	11 36	0 43	17 53	0 22	19 2	2 5	19 26	0 45	18 11	1 25	29 36	16 33	17 51	17 55	15 4		n.a.
T 20	17 8	24 16	1 54	12 54	3 33	1 41	2 20	11 26	0 41	17 57	0 22	19 1	2 5	19 25	0 45	18 11	1 25	29 36	16 34	17 51	17 54	15 7		n.a.
F 21	17 24	26 51	3 6	12 35	3 43	1 20	2 22	11 17	0 39	18 1	0 22	19 0	2 5	19 25	0 45	18 10	1 25	29 36	16 34	17 51	17 53	15 10		n.a.
S 22	17 40	27 33	4 5	12 17	3 52	0 58	2 24	11 7	0 37	18 4	0 21	19 0	2 5	19 25	0 45	18 10	1 25	29 36	16 35	17 51	17 52	15 13		n.a.
S 23	17 56	26 26	4 46	12 2	3 59	0 36	2 26	10 57	0 35	18 8	0 21	18 59	2 5	19 24	0 45	18 10	1 25	29 37	16 35	17 51	17 51	15 16		n.a.
M24	18 12	23 47	5 11	11 49	4 5	0 14	2 28	10 46	0 33	18 12	0 21	18 58	2 4	19 24	0 45	18 9	1 25	29 37	16 35	17 51	17 50	15 19		n.a.
T 25	18 27	19 58	5 18	11 38	4 9	0n 8	2 30	10 36	0 31	18 15	0 21	18 57	2 4	19 23	0 45	18 9	1 25	29 37	16 36	17 51	17 49	15 22		n.a.
W26	18 42	15 20	5 9	11 29	4 12	0 31	2 32	10 25	0 29	18 19	0 21	18 56	2 4	19 23	0 45	18 9	1 25	29 37	16 36	17 51	17 48	15 25		n.a.
T 27	18 56	10 10	4 45	11 23	4 14	0 54	2 33	10 15	0 27	18 23	0 21	18 55	2 4	19 22	0 44	18 8	1 25	29 38	16 36	17 51	17 47	15 28		n.a.
F 28	19 11	4 44	4 9	11 20	4 14	1 17	2 34	10 4	0 25	18 26	0 21	18 54	2 4	19 22	0 44	18 8	1 25	29 38	16 37	17 51	17 47	15 30		n.a.
S 29	19 25	0s48	3 23	11 19	4 13	1 40	2 36	9 53	0 23	18 30	0 21	18 53	2 4	19 22	0 44	18 7	1 25	29 38	16 37	17 52	17 46	15 33		n.a.
S 30	19 39	6 16	2 28	11 22	4 10	2 4	2 37	9 42	0 21	18 33	0 21	18 52	2 3	19 21	0 44	18 7	1 25	29 39	16 38	17 52	17 45	15 36		n.a.
M31	19n52	11s29	1n28	11n27	4s 7	2n27	2s38	9n30	0n19	18n37	0s21	18n51	2n 3	19n21	0n44	18s 7	1n25	29s39	16s38	17n52	17n44	15s39		n.a.

Julian Day Number = 1304062.5, Delta T = 07h47m40s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'54, Lahiri = -19°43'53 Julian Calendar 1 May 1143 BCE == Greg. Calendar 20 Apr. 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

JUNE 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 7	28♉12'22	15♏12	11♉ 5	13♈ 9	7♍ 6	23♉42	14♌ 7	7♌48	25°R37	23♒ 2	19°R24	18♉52	13♏31	n.a.	T 1
W 2	15 58 3	29° 9'26	27° 1	11°19	14°11	7°32	23°56	14°10	7°49	25♏35	23° 2	19♉24	18°49	13°38	n.a.	W 2
T 3	16 2 0	0♊ 6'31	8♐54	11°40	15°14	7°58	24° 9	14°14	7°51	25°34	23° 2	19°23	18°46	13°45	n.a.	T 3
F 4	16 5 56	1° 3'37	20°52	12° 5	16°17	8°25	24°23	14°17	7°53	25°32	23°R 2	19°22	18°42	13°51	n.a.	F 4
S 5	16 9 53	2° 0'43	2♑59	12°36	17°20	8°52	24°36	14°21	7°55	25°30	23° 2	19°21	18°39	13°58	n.a.	S 5
S 6	16 13 50	2°57'50	15°16	13°11	18°23	9°20	24°49	14°25	7°57	25°29	23° 2	19°19	18°36	14° 5	n.a.	S 6
M 7	16 17 46	3°54'57	27°45	13°52	19°27	9°48	25° 3	14°29	8° 0	25°27	23° 2	19°17	18°33	14°11	n.a.	M 7
T 8	16 21 43	4°52'05	10♒29	14°39	20°30	10°16	25°16	14°32	8° 2	25°26	23° 2	19°15	18°30	14°18	n.a.	T 8
W 9	16 25 39	5°49'14	23°30	15°30	21°34	10°45	25°30	14°36	8° 4	25°24	23° 2	19°14	18°27	14°25	n.a.	W 9
T 10	16 29 36	6°46'24	6♓51	16°26	22°39	11°13	25°43	14°40	8° 6	25°22	23° 1	19°D14	18°23	14°31	n.a.	T 10
F 11	16 33 32	7°43'34	20°33	17°27	23°43	11°42	25°57	14°45	8° 8	25°21	23° 1	19°14	18°20	14°38	n.a.	F 11
S 12	16 37 29	8°40'46	4♈37	18°33	24°48	12°12	26°10	14°49	8°11	25°19	23° 1	19°15	18°17	14°44	n.a.	S 12
S 13	16 41 26	9°37'58	19° 2	19°44	25°52	12°42	26°23	14°53	8°13	25°18	23° 1	19°16	18°14	14°51	n.a.	S 13
M14	16 45 22	10°35'12	3♉45	21° 0	26°58	13°12	26°37	14°57	8°16	25°16	23° 1	19°18	18°11	14°58	n.a.	M14
T 15	16 49 19	11°32'26	18°41	22°20	28° 3	13°42	26°50	15° 2	8°18	25°15	23° 1	19°R18	18° 7	15° 4	n.a.	T 15
W16	16 53 15	12°29'42	3♊44	23°45	29° 8	14°13	27° 3	15° 6	8°20	25°13	23° 0	19°18	18° 4	15°11	n.a.	W16
T 17	16 57 12	13°26'58	18°44	25°14	0♉14	14°43	27°17	15°11	8°23	25°12	23° 0	19°16	18° 1	15°18	n.a.	T 17
F 18	17 1 8	14°24'16	3♋33	26°48	1°20	15°15	27°30	15°16	8°26	25°10	23° 0	19°13	17°58	15°24	n.a.	F 18
S 19	17 5 5	15°21'34	18° 3	28°25	2°26	15°46	27°43	15°20	8°28	25° 9	22°59	19°10	17°55	15°31	n.a.	S 19
S 20	17 9 2	16°18'52	2♌10	0♊ 6	3°32	16°18	27°56	15°25	8°31	25° 7	22°59	19° 6	17°52	15°38	n.a.	S 20
M21	17 12 58	17°16'12	15°50	1°51	4°38	16°50	28° 9	15°30	8°33	25° 6	22°59	19° 2	17°48	15°44	n.a.	M21
T 22	17 16 55	18°13'32	29° 3	3°40	5°45	17°22	28°22	15°35	8°36	25° 4	22°58	19° 0	17°45	15°51	n.a.	T 22
W23	17 20 51	19°10'53	11♍51	5°31	6°51	17°54	28°36	15°40	8°39	25° 3	22°58	18°58	17°42	15°58	n.a.	W23
T 24	17 24 48	20° 8'14	24°17	7°25	7°58	18°27	28°49	15°45	8°42	25° 1	22°57	18°D58	17°39	16° 4	n.a.	T 24
F 25	17 28 44	21° 5'36	6♎27	9°21	9° 5	19° 0	29° 2	15°50	8°45	25° 0	22°57	18°59	17°36	16°11	n.a.	F 25
S 26	17 32 41	22° 3'00	18°25	11°20	10°12	19°33	29°15	15°55	8°47	24°58	22°57	19° 1	17°33	16°18	n.a.	S 26
S 27	17 36 37	23° 0'24	0♏15	13°20	11°19	20° 7	29°28	16° 1	8°50	24°57	22°56	19° 2	17°29	16°24	n.a.	S 27
M28	17 40 34	23°57'49	12° 2	15°22	12°27	20°40	29°40	16° 6	8°53	24°56	22°56	19° 4	17°26	16°31	n.a.	M28
T 29	17 44 31	24°55'15	23°51	17°25	13°34	21°14	29°53	16°11	8°56	24°54	22°55	19°R 4	17°23	16°37	n.a.	T 29
W30	17 48 27	25♊52'42	5♐44	19♊28	14♉42	21♍48	0♊ 6	16♌17	8♌59	24♏53	22♒54	19♉ 2	17♉20	16♏44	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 5	16s17	0n23	11n34	4s 2	2n51	2s38	9n19	0n17	18n41	0s20	18n50	2n 3	19n20	0n44	18s 6	1n25	29s39	16s38	17n52	17n43	15s42		n.a.
W 2	20 18	20 30	0s42	11 44	3 56	3 15	2 39	9 7	0 15	18 44	0 20	18 48	2 3	19 19	0 44	18 6	1 25	29 40	16 39	17 52	17 42	15 45		n.a.
T 3	20 30	23 53	1 46	11 57	3 49	3 39	2 40	8 56	0 14	18 48	0 20	18 47	2 3	19 19	0 44	18 5	1 25	29 40	16 39	17 52	17 41	15 48		n.a.
F 4	20 42	26 16	2 46	12 12	3 42	4 3	2 40	8 44	0 12	18 51	0 20	18 46	2 3	19 18	0 44	18 5	1 25	29 40	16 39	17 51	17 40	15 50		n.a.
S 5	20 54	27 26	3 39	12 29	3 33	4 27	2 40	8 32	0 10	18 54	0 20	18 45	2 3	19 18	0 44	18 5	1 25	29 41	16 40	17 51	17 40	15 53		n.a.
S 6	21 6	27 17	4 22	12 49	3 24	4 51	2 40	8 20	0 8	18 58	0 20	18 44	2 2	19 17	0 44	18 4	1 25	29 41	16 40	17 51	17 39	15 56		n.a.
M 7	21 17	25 45	4 54	13 11	3 14	5 16	2 41	8 7	0 7	19 1	0 20	18 42	2 2	19 17	0 44	18 4	1 25	29 41	16 41	17 50	17 38	15 59		n.a.
T 8	21 27	22 54	5 12	13 35	3 3	5 40	2 40	7 55	0 5	19 5	0 20	18 41	2 2	19 16	0 44	18 4	1 25	29 42	16 41	17 50	17 37	16 2		n.a.
W 9	21 38	18 51	5 15	14 1	2 52	6 4	2 40	7 42	0 3	19 8	0 20	18 40	2 2	19 15	0 44	18 3	1 25	29 42	16 41	17 49	17 36	16 5		n.a.
T 10	21 48	13 47	5 1	14 28	2 40	6 29	2 40	7 30	0 2	19 11	0 20	18 38	2 2	19 15	0 44	18 3	1 25	29 42	16 42	17 49	17 35	16 8		n.a.
F 11	21 57	7 56	4 30	14 57	2 28	6 53	2 39	7 17	0s 0	19 15	0 19	18 37	2 2	19 14	0 44	18 3	1 25	29 43	16 42	17 49	17 34	16 10		n.a.
S 12	22 7	1 32	3 42	15 28	2 15	7 18	2 39	7 4	0 2	19 18	0 19	18 36	2 2	19 14	0 44	18 2	1 25	29 43	16 42	17 50	17 33	16 13		n.a.
S 13	22 16	5n 7	2 39	16 0	2 3	7 42	2 38	6 51	0 3	19 21	0 19	18 34	2 2	19 13	0 44	18 2	1 25	29 44	16 43	17 50	17 32	16 16		n.a.
M14	22 24	11 39	1 25	16 32	1 50	8 7	2 38	6 38	0 5	19 24	0 19	18 33	2 1	19 12	0 44	18 1	1 25	29 44	16 43	17 50	17 31	16 19		n.a.
T 15	22 32	17 37	0 3	17 6	1 36	8 31	2 37	6 25	0 6	19 28	0 19	18 31	2 1	19 12	0 44	18 1	1 25	29 44	16 44	17 50	17 31	16 22		n.a.
W16	22 40	22 32	1n19	17 41	1 23	8 55	2 36	6 11	0 8	19 31	0 19	18 30	2 1	19 11	0 44	18 1	1 25	29 45	16 44	17 50	17 30	16 25		n.a.
T 17	22 47	25 55	2 35	18 16	1 10	9 20	2 35	5 58	0 9	19 34	0 19	18 28	2 1	19 10	0 44	18 0	1 25	29 45	16 44	17 50	17 29	16 27		n.a.
F 18	22 54	27 27	3 40	18 51	0 57	9 44	2 33	5 44	0 11	19 37	0 19	18 27	2 1	19 9	0 44	18 0	1 25	29 46	16 45	17 49	17 28	16 30		n.a.
S 19	23 1	27 2	4 29	19 26	0 43	10 8	2 32	5 31	0 12	19 40	0 19	18 25	2 1	19 9	0 44	18 0	1 25	29 46	16 45	17 48	17 27	16 33		n.a.
S 20	23 7	24 52	5 0	20 1	0 30	10 32	2 31	5 17	0 14	19 43	0 19	18 24	2 1	19 8	0 44	17 59	1 25	29 47	16 45	17 47	17 26	16 36		n.a.
M21	23 13	21 19	5 13	20 35	0 18	10 56	2 29	5 3	0 15	19 46	0 19	18 22	2 1	19 7	0 44	17 59	1 25	29 47	16 46	17 46	17 25	16 39		n.a.
T 22	23 18	16 48	5 9	21 9	0 5	11 20	2 28	4 49	0 17	19 50	0 18	18 20	2 0	19 7	0 44	17 59	1 25	29 48	16 46	17 45	17 24	16 41		n.a.
W23	23 23	11 40	4 49	21 41	0n 7	11 43	2 26	4 35	0 18	19 53	0 18	18 19	2 0	19 6	0 44	17 58	1 24	29 48	16 46	17 45	17 23	16 44		n.a.
T 24	23 28	6 13	4 16	22 12	0 18	12 7	2 25	4 20	0 20	19 56	0 18	18 17	2 0	19 5	0 44	17 58	1 24	29 48	16 47	17 45	17 22	16 47		n.a.
F 25	23 32	0 38	3 32	22 42	0 29	12 30	2 23	4 6	0 21	19 58	0 18	18 16	2 0	19 4	0 44	17 58	1 24	29 49	16 47	17 45	17 22	16 50		n.a.
S 26	23 35	4s52	2 40	23 9	0 39	12 53	2 21	3 52	0 22	20 1	0 18	18 14	2 0	19 3	0 44	17 57	1 24	29 49	16 47	17 46	17 21	16 53		n.a.
S 27	23 39	10 10	1 41	23 35	0 49	13 16	2 19	3 37	0 24	20 4	0 18	18 12	2 0	19 3	0 44	17 57	1 24	29 50	16 48	17 46	17 20	16 55		n.a.
M28	23 42	15 5	0 38	23 58	0 58	13 39	2 17	3 22	0 25	20 7	0 18	18 10	2 0	19 2	0 44	17 57	1 24	29 50	16 48	17 46	17 19	16 58		n.a.
T 29	23 44	19 28	0s26	24 19	1 6	14 2	2 15	3 8	0 26	20 10	0 18	18 9	2 0	19 1	0 43	17 57	1 24	29 51	16 48	17 46	17 18	17 1		n.a.
W30	23n46	23s 5	1s30	24n38	1n14	14n24	2s13	2n53	0s28	20n13	0s18	18n 7	2n 0	19n 0	0n43	17s56	1n24	29s51	16s49	17n46	17n17	17s 4		n.a.

Julian Day Number = 1304093.5, Delta T = 07h47m39s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'50, Lahiri = -19°43'49 Julian Calendar 1 June 1143 BCE == Greg. Calendar 21 May 1143 BCE

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

JULY 1143 BCE (-1142) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 24	26♊50'10	17♐44	21♊32	15♉50	22♍22	0♊19	16♌22	9♌ 2	24°R52	22°R54	18°R59	17♉17	16♏51	n.a.	T 1
F 2	17 56 20	27°47'40	29°54	23°36	16°58	22°57	0°32	16°28	9° 5	24♏50	22♒53	18♉54	17°13	16°57	n.a.	F 2
S 3	18 0 17	28°45'11	12♑15	25°40	18° 6	23°32	0°44	16°33	9° 8	24°49	22°53	18°48	17°10	17° 4	n.a.	S 3
S 4	18 4 13	29°42'43	24°47	27°44	19°14	24° 7	0°57	16°39	9°12	24°48	22°52	18°41	17° 7	17°11	n.a.	S 4
M 5	18 8 10	0♋40'17	7♒32	29°47	20°22	24°42	1°10	16°45	9°15	24°47	22°51	18°34	17° 4	17°17	n.a.	M 5
T 6	18 12 6	1°37'52	20°30	1♋49	21°31	25°17	1°22	16°51	9°18	24°45	22°51	18°28	17° 1	17°24	n.a.	T 6
W 7	18 16 3	2°35'29	3♓41	3°50	22°40	25°53	1°35	16°57	9°21	24°44	22°50	18°23	16°58	17°31	n.a.	W 7
T 8	18 20 0	3°33'08	17° 6	5°51	23°48	26°28	1°47	17° 2	9°24	24°43	22°49	18°20	16°54	17°37	n.a.	T 8
F 9	18 23 56	4°30'48	0♈46	7°50	24°57	27° 4	1°59	17° 8	9°28	24°42	22°49	18°D18	16°51	17°44	n.a.	F 9
S 10	18 27 53	5°28'30	14°41	9°48	26° 6	27°40	2°12	17°14	9°31	24°41	22°48	18°18	16°48	17°51	n.a.	S 10
S 11	18 31 49	6°26'14	28°52	11°45	27°15	28°17	2°24	17°20	9°34	24°40	22°47	18°20	16°45	17°57	n.a.	S 11
M12	18 35 46	7°23'59	13♉16	13°40	28°25	28°53	2°36	17°27	9°38	24°38	22°46	18°R20	16°42	18° 4	n.a.	M12
T 13	18 39 42	8°21'47	27°51	15°34	29°34	29°30	2°48	17°33	9°41	24°37	22°46	18°20	16°39	18°11	n.a.	T 13
W14	18 43 39	9°19'37	12♊34	17°27	0♊44	0♎ 7	3° 1	17°39	9°44	24°36	22°45	18°18	16°35	18°17	n.a.	W14
T 15	18 47 35	10°17'28	27°17	19°19	1°53	0°44	3°13	17°45	9°48	24°35	22°44	18°14	16°32	18°24	n.a.	T 15
F 16	18 51 32	11°15'21	11♋53	21° 9	3° 3	1°21	3°25	17°52	9°51	24°34	22°43	18° 7	16°29	18°30	n.a.	F 16
S 17	18 55 29	12°13'16	26°17	22°57	4°13	1°58	3°37	17°58	9°55	24°33	22°42	17°59	16°26	18°37	n.a.	S 17
S 18	18 59 25	13°11'12	10♌20	24°45	5°23	2°36	3°48	18° 4	9°58	24°32	22°42	17°50	16°23	18°44	n.a.	S 18
M19	19 3 22	14° 9'10	24° 0	26°31	6°33	3°14	4° 0	18°11	10° 2	24°32	22°41	17°41	16°19	18°50	n.a.	M19
T 20	19 7 18	15° 7'09	7♍14	28°16	7°43	3°52	4°12	18°17	10° 5	24°31	22°40	17°34	16°16	18°57	n.a.	T 20
W21	19 11 15	16° 5'10	20° 4	29°59	8°53	4°30	4°24	18°24	10° 9	24°30	22°39	17°29	16°13	19° 4	n.a.	W21
T 22	19 15 11	17° 3'12	2♎32	1♌41	10° 4	5° 8	4°35	18°30	10°12	24°29	22°38	17°25	16°10	19°10	n.a.	T 22
F 23	19 19 8	18° 1'16	14°43	3°22	11°14	5°46	4°47	18°37	10°16	24°28	22°37	17°D24	16° 7	19°17	n.a.	F 23
S 24	19 23 4	18°59'21	26°40	5° 2	12°25	6°25	4°58	18°43	10°19	24°27	22°36	17°24	16° 4	19°24	n.a.	S 24
S 25	19 27 1	19°57'28	8♏30	6°40	13°35	7° 4	5° 9	18°50	10°23	24°27	22°35	17°25	16° 0	19°30	n.a.	S 25
M26	19 30 58	20°55'36	20°18	8°17	14°46	7°42	5°21	18°57	10°27	24°26	22°34	17°R25	15°57	19°37	n.a.	M26
T 27	19 34 54	21°53'47	2♐ 8	9°53	15°57	8°21	5°32	19° 4	10°30	24°25	22°33	17°24	15°54	19°44	n.a.	T 27
W28	19 38 51	22°51'59	14° 6	11°28	17° 8	9° 1	5°43	19°10	10°34	24°25	22°32	17°21	15°51	19°50	n.a.	W28
T 29	19 42 47	23°50'12	26°15	13° 1	18°19	9°40	5°54	19°17	10°38	24°24	22°31	17°15	15°48	19°57	n.a.	T 29
F 30	19 46 44	24°48'28	8♑37	14°33	19°30	10°19	6° 5	19°24	10°41	24°23	22°30	17° 7	15°45	20° 4	n.a.	F 30
S 31	19 50 40	25♋46'45	21♑14	16♌ 4	20♊42	10♎59	6♊16	19♌31	10♌45	24♏23	22♒29	16♉56	15♉41	20♏10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	25s45	2s30	24n54	1n21	14n46	2s11	2n38	0s29	20n16	0s18	18n 5	2n 0	18n59	0n43	17s56	1n24	29s52	16s49	17n45	17n16	17s 6		n.a.	T 1
F 2	23 49	27 14	3 24	25 7	1 27	15 8	2 8	2 23	0 30	20 19	0 18	18 3	1 59	18 58	0 43	17 56	1 24	29 52	16 49	17 44	17 15	17 9		n.a.	F 2
S 3	23 50	27 23	4 9	25 17	1 32	15 29	2 6	2 8	0 31	20 21	0 17	18 1	1 59	18 58	0 43	17 55	1 24	29 53	16 50	17 42	17 14	17 12		n.a.	S 3
S 4	23 50	26 9	4 43	25 25	1 36	15 51	2 3	1 53	0 33	20 24	0 17	18 0	1 59	18 57	0 43	17 55	1 24	29 53	16 50	17 40	17 13	17 15		n.a.	S 4
M 5	23 50	23 34	5 3	25 30	1 40	16 11	2 1	1 37	0 34	20 27	0 17	17 58	1 59	18 56	0 43	17 55	1 24	29 54	16 50	17 38	17 12	17 17		n.a.	M 5
T 6	23 49	19 46	5 9	25 32	1 43	16 32	1 58	1 22	0 35	20 29	0 17	17 56	1 59	18 55	0 43	17 55	1 24	29 54	16 51	17 36	17 12	17 20		n.a.	T 6
W 7	23 48	14 56	4 58	25 32	1 45	16 52	1 56	1 7	0 36	20 32	0 17	17 54	1 59	18 54	0 43	17 54	1 24	29 55	16 51	17 35	17 11	17 23		n.a.	W 7
T 8	23 47	9 19	4 31	25 29	1 47	17 12	1 53	0 51	0 37	20 35	0 17	17 52	1 59	18 53	0 43	17 54	1 24	29 56	16 51	17 34	17 10	17 26		n.a.	T 8
F 9	23 45	3 10	3 48	25 24	1 48	17 32	1 50	0 36	0 39	20 37	0 17	17 50	1 59	18 52	0 43	17 54	1 24	29 56	16 51	17 34	17 9	17 28		n.a.	F 9
S 10	23 43	3n15	2 52	25 16	1 48	17 51	1 48	0 20	0 40	20 40	0 17	17 48	1 59	18 51	0 43	17 54	1 24	29 57	16 52	17 34	17 8	17 31		n.a.	S 10
S 11	23 40	9 38	1 43	25 6	1 48	18 10	1 45	0 4	0 41	20 43	0 17	17 46	1 59	18 51	0 43	17 53	1 24	29 57	16 52	17 34	17 7	17 34		n.a.	S 11
M12	23 37	15 39	0 27	24 54	1 47	18 28	1 42	0s11	0 42	20 45	0 17	17 44	1 59	18 50	0 43	17 53	1 24	29 58	16 52	17 34	17 6	17 37		n.a.	M12
T 13	23 34	20 50	0n51	24 39	1 46	18 47	1 39	0 27	0 43	20 48	0 17	17 42	1 59	18 49	0 43	17 53	1 24	29 58	16 53	17 34	17 5	17 39		n.a.	T 13
W14	23 30	24 46	2 7	24 23	1 44	19 4	1 36	0 43	0 44	20 50	0 17	17 40	1 58	18 48	0 43	17 53	1 24	29 59	16 53	17 34	17 4	17 42		n.a.	W14
T 15	23 26	27 2	3 14	24 5	1 42	19 21	1 33	0 59	0 45	20 52	0 16	17 38	1 58	18 47	0 43	17 53	1 24	29 59	16 53	17 32	17 3	17 45		n.a.	T 15
F 16	23 21	27 24	4 7	23 46	1 39	19 38	1 30	1 15	0 46	20 55	0 16	17 36	1 58	18 46	0 43	17 52	1 24	30 0	16 53	17 30	17 2	17 48		n.a.	F 16
S 17	23 16	25 53	4 44	23 24	1 35	19 54	1 27	1 31	0 47	20 57	0 16	17 34	1 58	18 45	0 43	17 52	1 24	30 0	16 54	17 28	17 1	17 50		n.a.	S 17
S 18	23 10	22 47	5 3	23 2	1 32	20 10	1 24	1 47	0 48	21 0	0 16	17 32	1 58	18 44	0 43	17 52	1 24	30 1	16 54	17 26	17 0	17 53		n.a.	S 18
M19	23 4	18 30	5 4	22 38	1 27	20 26	1 21	2 3	0 49	21 2	0 16	17 30	1 58	18 43	0 43	17 52	1 23	30 1	16 54	17 23	17 0	17 56		n.a.	M19
T 20	22 58	13 26	4 48	22 12	1 23	20 40	1 18	2 20	0 50	21 4	0 16	17 28	1 58	18 42	0 43	17 52	1 23	30 2	16 54	17 21	16 59	17 58		n.a.	T 20
W21	22 51	7 56	4 18	21 45	1 18	20 55	1 15	2 36	0 51	21 6	0 16	17 26	1 58	18 41	0 43	17 51	1 23	30 3	16 55	17 20	16 58	18 1		n.a.	W21
T 22	22 43	2 16	3 36	21 18	1 13	21 8	1 12	2 52	0 52	21 9	0 16	17 24	1 58	18 40	0 43	17 51	1 23	30 3	16 55	17 19	16 57	18 4		n.a.	T 22
F 23	22 36	3s21	2 46	20 49	1 7	21 22	1 9	3 8	0 53	21 11	0 16	17 22	1 58	18 39	0 43	17 51	1 23	30 4	16 55	17 18	16 56	18 6		n.a.	F 23
S 24	22 28	8 46	1 49	20 19	1 2	21 34	1 5	3 25	0 54	21 13	0 16	17 19	1 58	18 38	0 43	17 51	1 23	30 4	16 55	17 18	16 55	18 9		n.a.	S 24
S 25	22 19	13 49	0 48	19 48	0 56	21 47	1 2	3 41	0 55	21 15	0 16	17 17	1 58	18 37	0 43	17 51	1 23	30 5	16 56	17 19	16 54	18 12		n.a.	S 25
M26	22 10	18 21	0s15	19 17	0 49	21 58	0 59	3 58	0 56	21 17	0 16	17 15	1 58	18 36	0 43	17 51	1 23	30 5	16 56	17 19	16 53	18 15		n.a.	M26
T 27	22 1	22 12	1 18	18 45	0 43	22 9	0 56	4 14	0 57	21 19	0 15	17 13	1 58	18 35	0 43	17 51	1 23	30 6	16 56	17 18	16 52	18 17		n.a.	T 27
W28	21 51	25 8	2 17	18 12	0 36	22 20	0 52	4 31	0 58	21 22	0 15	17 11	1 58	18 34	0 43	17 51	1 23	30 6	16 56	17 17	16 51	18 20		n.a.	W28
T 29	21 41	26 58	3 11	17 39	0 29	22 30	0 49	4 47	0 59	21 24	0 15	17 8	1 58	18 33	0 43	17 50	1 23	30 7	16 56	17 16	16 50	18 23		n.a.	T 29
F 30	21 31	27 29	3 57	17 5	0 22	22 39	0 46	5 4	1 0	21 26	0 15	17 6	1 58	18 32	0 43	17 50	1 23	30 7	16 57	17 13	16 49	18 25		n.a.	F 30
S 31	21n20	26s36	4s32	16n30	0n14	22n47	0s43	5s20	1s 0	21n28	0s15	17n 4	1n58	18n31	0n43	17s50	1n23	30s 8	16s57	17n10	16n48	18s28		n.a.	S 31

Julian Day Number = 1304123.5, Delta T = 07h47m37s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'45, Lahiri = -19°43'45 Julian Calendar 1 July 1143 BCE == Greg. Calendar 20 June 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

AUGUST 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 37	26♋45'04	4♒ 6	17♌34	21♊53	11♎39	6♊27	19♌38	10♌49	24°R22	22°R28	16°R45	15♉38	20♏17	n.a.	S 1
M 2	19 58 33	27°43'26	17°12	19° 2	23° 4	12°18	6°37	19°45	10°52	24♏22	22♒27	16♉33	15°35	20°23	n.a.	M 2
T 3	20 2 30	28°41'49	0♓31	20°29	24°16	12°58	6°48	19°52	10°56	24°21	22°26	16°22	15°32	20°30	n.a.	T 3
W 4	20 6 27	29°40'14	14° 1	21°55	25°28	13°39	6°58	19°58	11° 0	24°21	22°25	16°13	15°29	20°37	n.a.	W 4
T 5	20 10 23	0♌38'42	27°41	23°20	26°39	14°19	7° 9	20° 5	11° 4	24°20	22°24	16° 7	15°25	20°43	n.a.	T 5
F 6	20 14 20	1°37'12	11♈30	24°43	27°51	14°59	7°19	20°13	11° 7	24°20	22°23	16° 3	15°22	20°50	n.a.	F 6
S 7	20 18 16	2°35'44	25°26	26° 5	29° 3	15°40	7°29	20°20	11°11	24°20	22°21	16° 2	15°19	20°57	n.a.	S 7
S 8	20 22 13	3°34'19	9♉29	27°26	0♋15	16°20	7°40	20°27	11°15	24°19	22°20	16° 2	15°16	21° 3	n.a.	S 8
M 9	20 26 9	4°32'56	23°39	28°45	1°27	17° 1	7°50	20°34	11°19	24°19	22°19	16° 2	15°13	21°10	n.a.	M 9
T 10	20 30 6	5°31'35	7♊54	0♍ 3	2°39	17°42	8° 0	20°41	11°22	24°19	22°18	16° 0	15°10	21°17	n.a.	T 10
W11	20 34 2	6°30'17	22°12	1°19	3°52	18°23	8° 9	20°48	11°26	24°18	22°17	15°57	15° 6	21°23	n.a.	W11
T 12	20 37 59	7°29'01	6♋30	2°34	5° 4	19° 4	8°19	20°55	11°30	24°18	22°16	15°50	15° 3	21°30	n.a.	T 12
F 13	20 41 56	8°27'48	20°44	3°47	6°16	19°45	8°29	21° 2	11°34	24°18	22°15	15°41	15° 0	21°37	n.a.	F 13
S 14	20 45 52	9°26'37	4♌48	4°58	7°29	20°27	8°38	21° 9	11°38	24°18	22°14	15°29	14°57	21°43	n.a.	S 14
S 15	20 49 49	10°25'27	18°36	6° 8	8°42	21° 8	8°48	21°17	11°41	24°18	22°12	15°17	14°54	21°50	n.a.	S 15
M16	20 53 45	11°24'20	2♍ 6	7°15	9°54	21°50	8°57	21°24	11°45	24°18	22°11	15° 5	14°51	21°57	n.a.	M16
T 17	20 57 42	12°23'15	15°14	8°21	11° 7	22°32	9° 6	21°31	11°49	24°18	22°10	14°54	14°47	22° 3	n.a.	T 17
W18	21 1 38	13°22'12	28° 1	9°24	12°20	23°13	9°15	21°38	11°53	24°D18	22° 9	14°45	14°44	22°10	n.a.	W18
T 19	21 5 35	14°21'11	10♎28	10°25	13°33	23°55	9°24	21°46	11°57	24°18	22° 8	14°40	14°41	22°16	n.a.	T 19
F 20	21 9 31	15°20'11	22°37	11°23	14°46	24°38	9°33	21°53	12° 1	24°18	22° 6	14°36	14°38	22°23	n.a.	F 20
S 21	21 13 28	16°19'14	4♏35	12°18	15°59	25°20	9°42	22° 0	12° 4	24°18	22° 5	14°35	14°35	22°30	n.a.	S 21
S 22	21 17 24	17°18'19	16°25	13°11	17°12	26° 2	9°50	22° 7	12° 8	24°18	22° 4	14°35	14°31	22°36	n.a.	S 22
M23	21 21 21	18°17'25	28°13	14° 0	18°25	26°44	9°59	22°15	12°12	24°18	22° 3	14°35	14°28	22°43	n.a.	M23
T 24	21 25 18	19°16'34	10♐ 5	14°46	19°38	27°27	10° 7	22°22	12°16	24°18	22° 2	14°33	14°25	22°50	n.a.	T 24
W25	21 29 14	20°15'44	22° 5	15°27	20°51	28° 9	10°15	22°29	12°19	24°19	22° 1	14°30	14°22	22°56	n.a.	W25
T 26	21 33 11	21°14'56	4♑19	16° 5	22° 5	28°52	10°23	22°36	12°23	24°19	21°59	14°24	14°19	23° 3	n.a.	T 26
F 27	21 37 7	22°14'11	16°50	16°38	23°18	29°35	10°31	22°44	12°27	24°19	21°58	14°15	14°16	23°10	n.a.	F 27
S 28	21 41 4	23°13'27	29°40	17° 6	24°32	0♏18	10°39	22°51	12°31	24°20	21°57	14° 5	14°12	23°16	n.a.	S 28
S 29	21 45 0	24°12'46	12♒50	17°29	25°45	1° 1	10°47	22°58	12°35	24°20	21°56	13°52	14° 9	23°23	n.a.	S 29
M30	21 48 57	25°12'06	26°18	17°46	26°59	1°44	10°54	23° 6	12°38	24°20	21°55	13°40	14° 6	23°30	n.a.	M30
T 31	21 52 53	26♌11'29	10♓ 2	17♍57	28♋13	2♏27	11♊ 1	23♌13	12♌42	24♏21	21♒53	13♉28	14♉ 3	23♏36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n 9	24s19	4s55	15n56	0n 7	22n55	0s39	5s37	1s 1	21n30	0s15	17n 2	1n58	18n30	0n43	17s50	1n23	30s 8	16s57	17n 7	16n47	18s31			n.a.
M 2	20 57	20 43	5 2	15 21	0s 1	23 3	0 36	5 53	1 2	21 31	0 15	17 0	1 58	18 29	0 43	17 50	1 23	30 9	16 57	17 3	16 46	18 33			n.a.
T 3	20 45	16 1	4 53	14 46	0 9	23 9	0 33	6 10	1 3	21 33	0 15	16 57	1 58	18 28	0 43	17 50	1 23	30 10	16 57	17 0	16 46	18 36			n.a.
W 4	20 33	10 29	4 27	14 10	0 17	23 16	0 30	6 27	1 4	21 35	0 15	16 55	1 58	18 27	0 43	17 50	1 23	30 10	16 57	16 58	16 45	18 39			n.a.
T 5	20 21	4 23	3 47	13 35	0 25	23 21	0 26	6 43	1 4	21 37	0 15	16 53	1 58	18 26	0 43	17 50	1 23	30 11	16 58	16 56	16 44	18 41			n.a.
F 6	20 8	1n59	2 52	12 59	0 33	23 26	0 23	7 0	1 5	21 39	0 15	16 50	1 58	18 25	0 43	17 50	1 23	30 11	16 58	16 55	16 43	18 44			n.a.
S 7	19 54	8 20	1 47	12 23	0 41	23 30	0 20	7 16	1 6	21 41	0 15	16 48	1 58	18 23	0 43	17 50	1 23	30 12	16 58	16 54	16 42	18 46			n.a.
S 8	19 40	14 20	0 35	11 48	0 49	23 33	0 17	7 33	1 7	21 42	0 14	16 46	1 58	18 22	0 43	17 50	1 22	30 12	16 58	16 54	16 41	18 49			n.a.
M 9	19 26	19 38	0n40	11 12	0 58	23 36	0 14	7 50	1 7	21 44	0 14	16 44	1 58	18 21	0 43	17 50	1 22	30 13	16 58	16 54	16 40	18 52			n.a.
T 10	19 12	23 51	1 53	10 37	1 6	23 38	0 10	8 6	1 8	21 46	0 14	16 41	1 58	18 20	0 43	17 50	1 22	30 13	16 58	16 54	16 39	18 54			n.a.
W11	18 57	26 34	2 59	10 1	1 14	23 39	0 7	8 23	1 9	21 48	0 14	16 39	1 58	18 19	0 43	17 50	1 22	30 14	16 58	16 53	16 38	18 57			n.a.
T 12	18 42	27 33	3 53	9 27	1 23	23 40	0 4	8 39	1 10	21 49	0 14	16 37	1 58	18 18	0 43	17 50	1 22	30 14	16 58	16 51	16 37	19 0			n.a.
F 13	18 27	26 42	4 33	8 52	1 31	23 40	0 1	8 56	1 10	21 51	0 14	16 34	1 58	18 17	0 43	17 50	1 22	30 15	16 59	16 48	16 36	19 2			n.a.
S 14	18 11	24 9	4 55	8 18	1 40	23 39	0n 2	9 12	1 11	21 52	0 14	16 32	1 58	18 16	0 43	17 50	1 22	30 15	16 59	16 45	16 35	19 5			n.a.
S 15	17 55	20 14	5 0	7 44	1 48	23 38	0 5	9 29	1 12	21 54	0 14	16 30	1 58	18 15	0 43	17 50	1 22	30 16	16 59	16 41	16 34	19 7			n.a.
M16	17 39	15 21	4 47	7 11	1 56	23 35	0 8	9 45	1 12	21 56	0 14	16 27	1 58	18 14	0 43	17 50	1 22	30 16	16 59	16 38	16 33	19 10			n.a.
T 17	17 22	9 53	4 20	6 39	2 5	23 33	0 11	10 2	1 13	21 57	0 14	16 25	1 58	18 13	0 43	17 50	1 22	30 17	16 59	16 34	16 32	19 13			n.a.
W18	17 5	4 9	3 40	6 8	2 13	23 29	0 14	10 18	1 13	21 59	0 14	16 22	1 58	18 12	0 43	17 50	1 22	30 17	16 59	16 32	16 31	19 15			n.a.
T 19	16 48	1s36	2 50	5 37	2 21	23 25	0 17	10 35	1 14	22 0	0 14	16 20	1 58	18 11	0 43	17 50	1 22	30 18	16 59	16 30	16 30	19 18			n.a.
F 20	16 30	7 11	1 54	5 8	2 28	23 20	0 20	10 51	1 15	22 1	0 13	16 18	1 58	18 10	0 43	17 50	1 22	30 18	16 59	16 29	16 29	19 20			n.a.
S 21	16 12	12 26	0 53	4 39	2 36	23 14	0 23	11 7	1 15	22 3	0 13	16 15	1 58	18 8	0 43	17 50	1 22	30 19	16 59	16 29	16 29	19 23			n.a.
S 22	15 54	17 10	0s10	4 12	2 43	23 8	0 26	11 23	1 16	22 4	0 13	16 13	1 58	18 7	0 43	17 50	1 22	30 19	16 59	16 29	16 28	19 26			n.a.
M23	15 36	21 15	1 12	3 47	2 50	23 1	0 28	11 40	1 16	22 6	0 13	16 11	1 58	18 6	0 43	17 50	1 22	30 20	16 59	16 29	16 27	19 28			n.a.
T 24	15 17	24 29	2 11	3 23	2 57	22 53	0 31	11 56	1 17	22 7	0 13	16 8	1 58	18 5	0 43	17 50	1 22	30 20	16 59	16 28	16 26	19 31			n.a.
W25	14 58	26 40	3 5	3 0	3 4	22 44	0 34	12 12	1 17	22 8	0 13	16 6	1 58	18 4	0 43	17 51	1 22	30 20	16 59	16 27	16 25	19 33			n.a.
T 26	14 39	27 37	3 51	2 40	3 10	22 35	0 36	12 28	1 18	22 9	0 13	16 3	1 58	18 3	0 43	17 51	1 21	30 21	16 59	16 25	16 24	19 36			n.a.
F 27	14 20	27 10	4 28	2 22	3 15	22 25	0 39	12 44	1 18	22 11	0 13	16 1	1 58	18 2	0 43	17 51	1 21	30 21	16 59	16 23	16 23	19 38			n.a.
S 28	14 0	25 18	4 51	2 7	3 20	22 15	0 41	12 59	1 19	22 12	0 13	15 59	1 58	18 1	0 43	17 51	1 21	30 22	16 59	16 19	16 22	19 41			n.a.
S 29	13 40	22 2	5 1	1 54	3 24	22 4	0 44	13 15	1 19	22 13	0 13	15 56	1 58	18 0	0 43	17 51	1 21	30 22	16 59	16 16	16 21	19 43			n.a.
M30	13 20	17 32	4 54	1 44	3 28	21 52	0 46	13 31	1 20	22 14	0 13	15 54	1 58	17 59	0 43	17 51	1 21	30 23	16 59	16 12	16 20	19 46			n.a.
T 31	13n 0	12s 4	4s29	1n38	3s30	21n39	0n49	13s47	1s20	22n15	0s13	15n51	1n58	17n58	0n43	17s51	1n21	30s23	16s59	16n 8	16n19	19s49			n.a.

Julian Day Number = 1304154.5, Delta T = 07h47m36s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'41, Lahiri = -19°43'41 Julian Calendar 1 Aug. 1143 BCE == Greg. Calendar 21 July 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

SEPTEMBER 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 56 50	27♌10'54	23♓58	18°R 0	29♋26	3♏10	11♊ 9	23♌20	12♌46	24♏21	21°R52	13°R18	14♉ 0	23♏43	n.a.	W 1
T 2	22 0 46	28°10'21	8♈ 2	17♍57	0♌40	3°54	11°16	23°27	12°49	24°22	21♒51	13♉12	13°56	23°50	n.a.	T 2
F 3	22 4 43	29° 9'50	22°10	17°46	1°54	4°37	11°23	23°35	12°53	24°22	21°50	13° 8	13°53	23°56	n.a.	F 3
S 4	22 8 40	0♍ 9'23	6♉20	17°27	3° 8	5°20	11°30	23°42	12°57	24°23	21°49	13° 6	13°50	24° 3	n.a.	S 4
S 5	22 12 36	1° 8'57	20°28	16°59	4°22	6° 4	11°36	23°49	13° 0	24°23	21°47	13°D 6	13°47	24° 9	n.a.	S 5
M 6	22 16 33	2° 8'34	4♊34	16°24	5°36	6°48	11°43	23°56	13° 4	24°24	21°46	13°R 6	13°44	24°16	n.a.	M 6
T 7	22 20 29	3° 8'14	18°38	15°40	6°50	7°31	11°49	24° 4	13° 8	24°25	21°45	13° 5	13°41	24°23	n.a.	T 7
W 8	22 24 26	4° 7'56	2♋37	14°48	8° 5	8°15	11°55	24°11	13°11	24°25	21°44	13° 2	13°37	24°29	n.a.	W 8
T 9	22 28 22	5° 7'40	16°32	13°49	9°19	8°59	12° 1	24°18	13°15	24°26	21°43	12°57	13°34	24°36	n.a.	T 9
F 10	22 32 19	6° 7'27	0♌19	12°43	10°33	9°43	12° 7	24°25	13°19	24°27	21°42	12°48	13°31	24°43	n.a.	F 10
S 11	22 36 15	7° 7'16	13°57	11°33	11°47	10°27	12°13	24°32	13°22	24°28	21°40	12°38	13°28	24°49	n.a.	S 11
S 12	22 40 12	8° 7'07	27°22	10°19	13° 2	11°11	12°19	24°40	13°26	24°29	21°39	12°27	13°25	24°56	n.a.	S 12
M13	22 44 9	9° 7'01	10♍32	9° 5	14°16	11°56	12°24	24°47	13°29	24°29	21°38	12°16	13°22	25° 3	n.a.	M13
T 14	22 48 5	10° 6'56	23°26	7°51	15°31	12°40	12°29	24°54	13°33	24°30	21°37	12° 6	13°18	25° 9	n.a.	T 14
W15	22 52 2	11° 6'53	6♎ 3	6°40	16°45	13°24	12°34	25° 1	13°36	24°31	21°36	11°58	13°15	25°16	n.a.	W15
T 16	22 55 58	12° 6'53	18°23	5°35	18° 0	14° 9	12°39	25° 8	13°40	24°32	21°35	11°52	13°12	25°23	n.a.	T 16
F 17	22 59 55	13° 6'54	0♏30	4°37	19°15	14°53	12°44	25°15	13°43	24°33	21°34	11°49	13° 9	25°29	n.a.	F 17
S 18	23 3 51	14° 6'57	12°26	3°47	20°29	15°38	12°48	25°22	13°47	24°34	21°33	11°D49	13° 6	25°36	n.a.	S 18
S 19	23 7 48	15° 7'02	24°15	3° 8	21°44	16°23	12°53	25°29	13°50	24°35	21°32	11°49	13° 2	25°43	n.a.	S 19
M20	23 11 44	16° 7'09	6♐ 2	2°40	22°59	17° 7	12°57	25°36	13°53	24°36	21°30	11°50	12°59	25°49	n.a.	M20
T 21	23 15 41	17° 7'17	17°53	2°24	24°13	17°52	13° 1	25°43	13°57	24°37	21°29	11°R51	12°56	25°56	n.a.	T 21
W22	23 19 37	18° 7'28	29°53	2°D19	25°28	18°37	13° 5	25°50	14° 0	24°38	21°28	11°50	12°53	26° 2	n.a.	W22
T 23	23 23 34	19° 7'40	12♑ 8	2°25	26°43	19°22	13° 9	25°57	14° 3	24°40	21°27	11°47	12°50	26° 9	n.a.	T 23
F 24	23 27 31	20° 7'53	24°41	2°42	27°58	20° 7	13°12	26° 4	14° 7	24°41	21°26	11°42	12°47	26°16	n.a.	F 24
S 25	23 31 27	21° 8'09	7♒36	3° 9	29°13	20°52	13°15	26°11	14°10	24°42	21°25	11°35	12°43	26°22	n.a.	S 25
S 26	23 35 24	22° 8'26	20°55	3°45	0♍28	21°37	13°19	26°17	14°13	24°43	21°24	11°27	12°40	26°29	n.a.	S 26
M27	23 39 20	23° 8'44	4♓38	4°30	1°43	22°22	13°21	26°24	14°16	24°45	21°23	11°18	12°37	26°36	n.a.	M27
T 28	23 43 17	24° 9'05	18°42	5°22	2°58	23° 7	13°24	26°31	14°19	24°46	21°22	11°11	12°34	26°42	n.a.	T 28
W29	23 47 13	25° 9'27	3♈ 2	6°21	4°13	23°53	13°27	26°38	14°23	24°47	21°21	11° 4	12°31	26°49	n.a.	W29
T 30	23 51 10	26♍ 9'51	17♈33	7♍25	5♍28	24♏38	13♊29	26♌44	14♌26	24♏49	21♒20	11♉ 0	12♉28	26♏56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n39	5s56	3s49	1n35	3s32	21n26	0n51	14s 2	1s21	22n17	0s12	15n49	1n58	17n57	0n43	17s52	1n21	30s23	16s59	16n 5	16n18	19s51		n.a.
T 2	12 18	0n34	2 54	1 35	3 32	21 12	0 53	14 18	1 21	22 18	0 12	15 47	1 58	17 56	0 43	17 52	1 21	30 24	16 59	16 3	16 17	19 54		n.a.
F 3	11 57	7 6	1 49	1 41	3 31	20 58	0 56	14 33	1 22	22 19	0 12	15 44	1 58	17 55	0 43	17 52	1 21	30 24	16 59	16 2	16 16	19 56		n.a.
S 4	11 36	13 17	0 36	1 50	3 29	20 43	0 58	14 48	1 22	22 20	0 12	15 42	1 58	17 54	0 43	17 52	1 21	30 24	16 59	16 2	16 15	19 59		n.a.
S 5	11 15	18 47	0n39	2 4	3 25	20 27	1 0	15 3	1 23	22 21	0 12	15 40	1 58	17 53	0 43	17 52	1 21	30 25	16 59	16 2	16 14	20 1		n.a.
M 6	10 53	23 14	1 51	2 23	3 20	20 11	1 2	15 18	1 23	22 22	0 12	15 37	1 59	17 51	0 43	17 53	1 21	30 25	16 59	16 2	16 13	20 4		n.a.
T 7	10 31	26 16	2 57	2 47	3 13	19 54	1 4	15 33	1 23	22 23	0 12	15 35	1 59	17 50	0 43	17 53	1 21	30 26	16 59	16 1	16 12	20 6		n.a.
W 8	10 9	27 40	3 51	3 16	3 3	19 36	1 6	15 48	1 24	22 24	0 12	15 32	1 59	17 49	0 43	17 53	1 21	30 26	16 59	16 1	16 11	20 9		n.a.
T 9	9 47	27 17	4 32	3 50	2 52	19 18	1 8	16 3	1 24	22 25	0 12	15 30	1 59	17 48	0 43	17 53	1 21	30 26	16 59	15 59	16 10	20 11		n.a.
F 10	9 25	25 13	4 56	4 27	2 39	19 0	1 10	16 18	1 24	22 25	0 12	15 28	1 59	17 47	0 43	17 53	1 21	30 27	16 59	15 56	16 9	20 14		n.a.
S 11	9 2	21 44	5 3	5 8	2 24	18 40	1 11	16 32	1 25	22 26	0 12	15 25	1 59	17 46	0 43	17 54	1 21	30 27	16 59	15 53	16 8	20 16		n.a.
S 12	8 40	17 9	4 53	5 52	2 7	18 21	1 13	16 47	1 25	22 27	0 11	15 23	1 59	17 45	0 43	17 54	1 21	30 27	16 59	15 50	16 7	20 19		n.a.
M13	8 17	11 51	4 27	6 37	1 49	18 0	1 15	17 1	1 25	22 28	0 11	15 21	1 59	17 44	0 43	17 54	1 20	30 28	16 58	15 46	16 6	20 21		n.a.
T 14	7 54	6 8	3 48	7 23	1 29	17 39	1 16	17 15	1 26	22 29	0 11	15 18	1 59	17 43	0 43	17 54	1 20	30 28	16 58	15 43	16 5	20 24		n.a.
W15	7 31	0 18	2 59	8 9	1 9	17 18	1 18	17 29	1 26	22 29	0 11	15 16	1 59	17 42	0 43	17 55	1 20	30 28	16 58	15 40	16 4	20 26		n.a.
T 16	7 8	5s27	2 2	8 52	0 48	16 56	1 19	17 43	1 26	22 30	0 11	15 14	1 59	17 41	0 43	17 55	1 20	30 28	16 58	15 39	16 3	20 29		n.a.
F 17	6 44	10 54	1 0	9 33	0 28	16 34	1 20	17 57	1 26	22 31	0 11	15 11	1 59	17 40	0 43	17 55	1 20	30 29	16 58	15 38	16 2	20 31		n.a.
S 18	6 21	15 52	0s 3	10 9	0 8	16 11	1 22	18 10	1 27	22 32	0 11	15 9	2 0	17 39	0 43	17 56	1 20	30 29	16 58	15 38	16 2	20 34		n.a.
S 19	5 57	20 13	1 6	10 42	0n11	15 48	1 23	18 24	1 27	22 32	0 11	15 7	2 0	17 38	0 43	17 56	1 20	30 29	16 58	15 38	16 1	20 36		n.a.
M20	5 34	23 45	2 6	11 9	0 29	15 24	1 24	18 37	1 27	22 33	0 11	15 4	2 0	17 37	0 43	17 56	1 20	30 29	16 58	15 38	16 0	20 38		n.a.
T 21	5 10	26 17	3 1	11 30	0 46	15 0	1 25	18 50	1 27	22 33	0 11	15 2	2 0	17 36	0 43	17 57	1 20	30 30	16 57	15 38	15 59	20 41		n.a.
W22	4 46	27 39	3 49	11 46	1 1	14 35	1 26	19 3	1 28	22 34	0 11	15 0	2 0	17 35	0 44	17 57	1 20	30 30	16 57	15 38	15 58	20 43		n.a.
T 23	4 22	27 42	4 27	11 56	1 15	14 10	1 27	19 16	1 28	22 35	0 10	14 57	2 0	17 34	0 44	17 57	1 20	30 30	16 57	15 37	15 57	20 46		n.a.
F 24	3 58	26 21	4 54	12 1	1 26	13 45	1 28	19 28	1 28	22 35	0 10	14 55	2 0	17 34	0 44	17 58	1 20	30 30	16 57	15 36	15 56	20 48		n.a.
S 25	3 34	23 36	5 7	12 1	1 37	13 19	1 28	19 41	1 28	22 36	0 10	14 53	2 0	17 33	0 44	17 58	1 20	30 30	16 57	15 33	15 55	20 51		n.a.
S 26	3 10	19 32	5 3	11 56	1 46	12 52	1 29	19 53	1 28	22 36	0 10	14 51	2 1	17 32	0 44	17 58	1 20	30 31	16 57	15 31	15 54	20 53		n.a.
M27	2 46	14 20	4 43	11 46	1 53	12 26	1 30	20 5	1 29	22 37	0 10	14 48	2 1	17 31	0 44	17 59	1 20	30 31	16 56	15 28	15 53	20 55		n.a.
T 28	2 22	8 17	4 5	11 32	1 59	11 59	1 30	20 17	1 29	22 37	0 10	14 46	2 1	17 30	0 44	17 59	1 20	30 31	16 56	15 26	15 52	20 58		n.a.
W29	1 57	1 41	3 10	11 14	2 3	11 32	1 31	20 29	1 29	22 38	0 10	14 44	2 1	17 29	0 44	17 59	1 20	30 31	16 56	15 24	15 51	21 0		n.a.
T 30	1n33	5n 6	2s 3	10n53	2n 7	11n 4	1n31	20s40	1s29	22n38	0s10	14n42	2n 1	17n28	0n44	18s 0	1n20	30s31	16s56	15n22	15n50	21s 3		n.a.

Julian Day Number = 1304185.5, Delta T = 07h47m34s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'37, Lahiri = -19°43'37 Julian Calendar 1 Sept. 1143 BCE == Greg. Calendar 21 Aug. 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

OCTOBER 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 55 6	27♍10'17	2♉ 8	8♍35	6♍43	25♏23	13♊31	26♌51	14♌29	24♏50	21°R19	10°R58	12♉24	27♏ 2	n.a.	F 1
S 2	23 59 3	28°10'45	16°41	9°49	7°58	26° 9	13°33	26°58	14°32	24°51	21♒18	10°D57	12°21	27° 9	n.a.	S 2
S 3	0 3 0	29°11'15	1♊ 8	11° 7	9°14	26°54	13°35	27° 4	14°35	24°53	21°18	10♉58	12°18	27°16	n.a.	S 3
M 4	0 6 56	0♎11'47	15°25	12°28	10°29	27°40	13°37	27°11	14°38	24°54	21°17	11° 0	12°15	27°22	n.a.	M 4
T 5	0 10 53	1°12'21	29°31	13°52	11°44	28°25	13°38	27°17	14°41	24°56	21°16	11°R 1	12°12	27°29	n.a.	T 5
W 6	0 14 49	2°12'58	13♋23	15°17	12°59	29°11	13°39	27°24	14°44	24°57	21°15	11° 0	12° 8	27°36	n.a.	W 6
T 7	0 18 46	3°13'36	27° 3	16°45	14°15	29°56	13°40	27°30	14°46	24°59	21°14	10°58	12° 5	27°42	n.a.	T 7
F 8	0 22 42	4°14'16	10♌29	18°14	15°30	0♐42	13°41	27°36	14°49	25° 1	21°13	10°54	12° 2	27°49	n.a.	F 8
S 9	0 26 39	5°14'58	23°43	19°45	16°45	1°28	13°42	27°43	14°52	25° 2	21°12	10°48	11°59	27°56	n.a.	S 9
S 10	0 30 35	6°15'41	6♍43	21°17	18° 1	2°13	13°42	27°49	14°55	25° 4	21°12	10°42	11°56	28° 2	n.a.	S 10
M11	0 34 32	7°16'26	19°31	22°49	19°16	2°59	13°42	27°55	14°57	25° 5	21°11	10°36	11°53	28° 9	n.a.	M11
T 12	0 38 29	8°17'13	2♎ 5	24°22	20°31	3°45	13°R43	28° 1	15° 0	25° 7	21°10	10°31	11°49	28°15	n.a.	T 12
W13	0 42 25	9°18'02	14°27	25°56	21°47	4°31	13°42	28° 7	15° 3	25° 9	21° 9	10°26	11°46	28°22	n.a.	W13
T 14	0 46 22	10°18'51	26°38	27°29	23° 2	5°17	13°42	28°13	15° 5	25°10	21° 9	10°24	11°43	28°29	n.a.	T 14
F 15	0 50 18	11°19'42	8♏38	29° 4	24°18	6° 3	13°41	28°19	15° 8	25°12	21° 8	10°D23	11°40	28°35	n.a.	F 15
S 16	0 54 15	12°20'35	20°31	0♎38	25°33	6°49	13°41	28°25	15°10	25°14	21° 7	10°23	11°37	28°42	n.a.	S 16
S 17	0 58 11	13°21'29	2♐18	2°13	26°49	7°35	13°40	28°31	15°13	25°16	21° 7	10°25	11°33	28°49	n.a.	S 17
M18	1 2 8	14°22'24	14° 5	3°47	28° 4	8°21	13°38	28°37	15°15	25°18	21° 6	10°27	11°30	28°55	n.a.	M18
T 19	1 6 4	15°23'20	25°55	5°22	29°20	9° 7	13°37	28°43	15°17	25°19	21° 5	10°28	11°27	29° 2	n.a.	T 19
W20	1 10 1	16°24'17	7♑54	6°57	0♎35	9°53	13°36	28°48	15°20	25°21	21° 5	10°30	11°24	29° 9	n.a.	W20
T 21	1 13 58	17°25'15	20° 5	8°31	1°51	10°39	13°34	28°54	15°22	25°23	21° 4	10°R30	11°21	29°15	n.a.	T 21
F 22	1 17 54	18°26'14	2♒34	10° 6	3° 6	11°26	13°32	29° 0	15°24	25°25	21° 4	10°29	11°18	29°22	n.a.	F 22
S 23	1 21 51	19°27'13	15°26	11°41	4°22	12°12	13°30	29° 5	15°26	25°27	21° 3	10°27	11°14	29°29	n.a.	S 23
S 24	1 25 47	20°28'14	28°42	13°15	5°37	12°58	13°27	29°11	15°29	25°29	21° 2	10°25	11°11	29°35	n.a.	S 24
M25	1 29 44	21°29'16	12♓26	14°50	6°53	13°44	13°25	29°16	15°31	25°31	21° 2	10°22	11° 8	29°42	n.a.	M25
T 26	1 33 40	22°30'18	26°36	16°24	8° 9	14°30	13°22	29°21	15°33	25°33	21° 1	10°19	11° 5	29°49	n.a.	T 26
W27	1 37 37	23°31'21	11♈ 9	17°58	9°24	15°17	13°19	29°26	15°35	25°35	21° 1	10°17	11° 2	29°55	n.a.	W27
T 28	1 41 33	24°32'25	25°59	19°33	10°40	16° 3	13°16	29°32	15°37	25°37	21° 1	10°16	10°59	0♐ 2	n.a.	T 28
F 29	1 45 30	25°33'30	10♉58	21° 7	11°55	16°49	13°13	29°37	15°38	25°39	21° 0	10°D16	10°55	0° 9	n.a.	F 29
S 30	1 49 27	26°34'36	25°58	22°41	13°11	17°36	13° 9	29°42	15°40	25°41	21° 0	10°16	10°52	0°15	n.a.	S 30
S 31	1 53 23	27♎35'44	10♊50	24♎16	14♎26	18♐22	13♊ 5	29♌47	15♌42	25♏43	20♒59	10♉17	10♉49	0♐22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 9	11n40	0s48	10n28	2n 9	10n36	1n31	20s52	1s29	22n38	0s10	14n40	2n 1	17n27	0n44	18s 0	1n20	30s31	16s56	15n22	15n49	21s 5		n.a.
S 2	0 44	17 36	0n31	10 1	2 10	10 8	1 32	21 3	1 29	22 39	0 10	14 37	2 1	17 26	0 44	18 1	1 20	30 32	16 55	15 22	15 48	21 7		n.a.
S 3	0 20	22 29	1 47	9 31	2 11	9 39	1 32	21 14	1 29	22 39	0 9	14 35	2 1	17 25	0 44	18 1	1 19	30 32	16 55	15 22	15 47	21 10		n.a.
M 4	0s 5	25 56	2 56	8 59	2 10	9 11	1 32	21 25	1 29	22 39	0 9	14 33	2 2	17 25	0 44	18 1	1 19	30 32	16 55	15 22	15 46	21 12		n.a.
T 5	0 29	27 43	3 53	8 26	2 9	8 41	1 32	21 35	1 29	22 40	0 9	14 31	2 2	17 24	0 44	18 2	1 19	30 32	16 55	15 23	15 45	21 15		n.a.
W 6	0 54	27 43	4 36	7 50	2 7	8 12	1 32	21 45	1 29	22 40	0 9	14 29	2 2	17 23	0 44	18 2	1 19	30 32	16 54	15 22	15 44	21 17		n.a.
T 7	1 18	26 1	5 2	7 13	2 4	7 43	1 32	21 56	1 29	22 40	0 9	14 27	2 2	17 22	0 44	18 3	1 19	30 32	16 54	15 22	15 43	21 19		n.a.
F 8	1 43	22 52	5 11	6 35	2 1	7 13	1 32	22 5	1 30	22 40	0 9	14 25	2 2	17 21	0 44	18 3	1 19	30 32	16 54	15 20	15 42	21 22		n.a.
S 9	2 7	18 35	5 3	5 55	1 58	6 43	1 32	22 15	1 30	22 40	0 9	14 23	2 2	17 21	0 44	18 3	1 19	30 32	16 54	15 19	15 41	21 24		n.a.
S 10	2 32	13 30	4 40	5 15	1 54	6 13	1 31	22 25	1 30	22 41	0 9	14 21	2 3	17 20	0 44	18 4	1 19	30 32	16 53	15 17	15 40	21 26		n.a.
M11	2 56	7 56	4 3	4 34	1 49	5 42	1 31	22 34	1 30	22 41	0 9	14 19	2 3	17 19	0 44	18 4	1 19	30 32	16 53	15 15	15 39	21 29		n.a.
T 12	3 20	2 7	3 14	3 52	1 45	5 12	1 30	22 43	1 30	22 41	0 8	14 16	2 3	17 18	0 44	18 5	1 19	30 32	16 53	15 13	15 38	21 31		n.a.
W13	3 45	3s41	2 17	3 10	1 39	4 41	1 30	22 52	1 30	22 41	0 8	14 15	2 3	17 17	0 44	18 5	1 19	30 32	16 53	15 12	15 37	21 34		n.a.
T 14	4 9	9 17	1 15	2 27	1 34	4 10	1 29	23 0	1 30	22 41	0 8	14 13	2 3	17 17	0 44	18 6	1 19	30 32	16 52	15 11	15 36	21 36		n.a.
F 15	4 33	14 28	0 10	1 44	1 29	3 39	1 29	23 8	1 30	22 41	0 8	14 11	2 3	17 16	0 44	18 6	1 19	30 32	16 52	15 11	15 35	21 38		n.a.
S 16	4 57	19 4	0s55	1 0	1 23	3 8	1 28	23 16	1 29	22 41	0 8	14 9	2 4	17 15	0 44	18 7	1 19	30 32	16 52	15 11	15 34	21 41		n.a.
S 17	5 21	22 53	1 58	0 17	1 17	2 37	1 27	23 24	1 29	22 41	0 8	14 7	2 4	17 15	0 44	18 7	1 19	30 32	16 52	15 11	15 33	21 43		n.a.
M18	5 45	25 46	2 55	0s27	1 11	2 6	1 26	23 32	1 29	22 41	0 8	14 5	2 4	17 14	0 44	18 8	1 19	30 32	16 51	15 12	15 32	21 45		n.a.
T 19	6 9	27 31	3 45	1 11	1 5	1 35	1 26	23 39	1 29	22 41	0 8	14 3	2 4	17 13	0 44	18 8	1 19	30 32	16 51	15 12	15 31	21 47		n.a.
W20	6 33	28 1	4 26	1 55	0 58	1 3	1 25	23 46	1 29	22 41	0 7	14 1	2 4	17 13	0 44	18 9	1 19	30 32	16 51	15 13	15 30	21 50		n.a.
T 21	6 57	27 11	4 56	2 39	0 52	0 32	1 24	23 53	1 29	22 41	0 7	13 59	2 5	17 12	0 44	18 9	1 19	30 32	16 50	15 13	15 29	21 52		n.a.
F 22	7 21	24 58	5 13	3 22	0 45	0 0	1 23	23 59	1 29	22 41	0 7	13 58	2 5	17 11	0 45	18 10	1 19	30 32	16 50	15 13	15 28	21 54		n.a.
S 23	7 44	21 28	5 14	4 6	0 39	0s31	1 21	24 6	1 29	22 41	0 7	13 56	2 5	17 11	0 45	18 10	1 19	30 32	16 50	15 12	15 27	21 57		n.a.
S 24	8 7	16 47	5 0	4 49	0 32	1 3	1 20	24 12	1 29	22 40	0 7	13 54	2 5	17 10	0 45	18 10	1 19	30 32	16 49	15 11	15 26	21 59		n.a.
M25	8 31	11 7	4 28	5 33	0 26	1 34	1 19	24 17	1 29	22 40	0 7	13 52	2 5	17 10	0 45	18 11	1 19	30 31	16 49	15 10	15 25	22 1		n.a.
T 26	8 54	4 42	3 39	6 16	0 19	2 6	1 18	24 23	1 29	22 40	0 7	13 51	2 6	17 9	0 45	18 12	1 19	30 31	16 49	15 9	15 24	22 4		n.a.
W27	9 17	2n 7	2 34	6 58	0 12	2 37	1 16	24 28	1 28	22 40	0 7	13 49	2 6	17 8	0 45	18 12	1 19	30 31	16 48	15 9	15 23	22 6		n.a.
T 28	9 40	8 59	1 18	7 41	0 6	3 9	1 15	24 33	1 28	22 39	0 6	13 47	2 6	17 8	0 45	18 13	1 19	30 31	16 48	15 8	15 22	22 8		n.a.
F 29	10 2	15 25	0n 4	8 23	0s 1	3 40	1 13	24 38	1 28	22 39	0 6	13 46	2 6	17 7	0 45	18 13	1 18	30 31	16 48	15 8	15 21	22 10		n.a.
S 30	10 25	20 57	1 26	9 5	0 7	4 11	1 12	24 42	1 28	22 39	0 6	13 44	2 6	17 7	0 45	18 14	1 18	30 31	16 47	15 8	15 20	22 13		n.a.
S 31	10s47	25n 6	2n42	9s46	0s14	4s42	1n10	24s46	1s28	22n39	0s 6	13n42	2n 7	17n 6	0n45	18s14	1n18	30s31	16s47	15n 9	15n19	22s15		n.a.

Julian Day Number = 1304215.5, Delta T = 07h47m32s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'33, Lahiri = -19°43'33 Julian Calendar 1 Oct. 1143 BCE == Greg. Calendar 20 Sept. 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

NOVEMBER 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 57 20	28♎36'52	25♊29	25♎50	15♎42	19♐ 8	13°R 1	29♌52	15♌44	25♏45	20°R59	10♉18	10♉46	0♐29	n.a.	M 1
T 2	2 1 16	29°38'02	9♋49	27°24	16°58	19°55	12♊57	29°56	15°45	25°47	20♒59	10°19	10°43	0°35	n.a.	T 2
W 3	2 5 13	0♏39'12	23°48	28°59	18°13	20°41	12°53	0♍ 1	15°47	25°49	20°58	10°19	10°39	0°42	n.a.	W 3
T 4	2 9 9	1°40'24	7♌26	0♏33	19°29	21°28	12°49	0° 6	15°49	25°51	20°58	10°R19	10°36	0°49	n.a.	T 4
F 5	2 13 6	2°41'37	20°44	2° 7	20°44	22°14	12°44	0°10	15°50	25°53	20°58	10°19	10°33	0°55	n.a.	F 5
S 6	2 17 2	3°42'50	3♍42	3°42	22° 0	23° 0	12°39	0°15	15°52	25°55	20°58	10°18	10°30	1° 2	n.a.	S 6
S 7	2 20 59	4°44'04	16°25	5°17	23°16	23°47	12°34	0°19	15°53	25°58	20°57	10°17	10°27	1° 8	n.a.	S 7
M 8	2 24 56	5°45'19	28°53	6°51	24°31	24°33	12°29	0°24	15°55	26° 0	20°57	10°17	10°24	1°15	n.a.	M 8
T 9	2 28 52	6°46'35	11♎10	8°26	25°47	25°20	12°24	0°28	15°56	26° 2	20°57	10°16	10°20	1°22	n.a.	T 9
W10	2 32 49	7°47'52	23°17	10° 1	27° 3	26° 6	12°19	0°32	15°57	26° 4	20°57	10°16	10°17	1°28	n.a.	W10
T 11	2 36 45	8°49'09	5♏16	11°36	28°18	26°53	12°13	0°36	15°58	26° 6	20°57	10°D16	10°14	1°35	n.a.	T 11
F 12	2 40 42	9°50'26	17° 9	13°12	29°34	27°39	12° 7	0°40	15°59	26° 8	20°57	10°R16	10°11	1°42	n.a.	F 12
S 13	2 44 38	10°51'44	28°59	14°47	0♏49	28°26	12° 1	0°44	16° 1	26°11	20°57	10°16	10° 8	1°48	n.a.	S 13
S 14	2 48 35	11°53'02	10♐46	16°23	2° 5	29°12	11°55	0°48	16° 2	26°13	20°57	10°16	10° 5	1°55	n.a.	S 14
M15	2 52 32	12°54'20	22°34	17°59	3°21	29°59	11°49	0°52	16° 3	26°15	20°56	10°15	10° 1	2° 2	n.a.	M15
T 16	2 56 28	13°55'39	4♑26	19°35	4°36	0♑45	11°43	0°55	16° 3	26°17	20°D56	10°15	9°58	2° 8	n.a.	T 16
W17	3 0 25	14°56'57	16°25	21°11	5°52	1°32	11°36	0°59	16° 4	26°20	20°57	10°14	9°55	2°15	n.a.	W17
T 18	3 4 21	15°58'15	28°35	22°48	7° 7	2°18	11°30	1° 2	16° 5	26°22	20°57	10°14	9°52	2°22	n.a.	T 18
F 19	3 8 18	16°59'34	11♒ 1	24°24	8°23	3° 5	11°23	1° 6	16° 6	26°24	20°57	10°14	9°49	2°28	n.a.	F 19
S 20	3 12 14	18° 0'52	23°45	26° 1	9°38	3°51	11°16	1° 9	16° 7	26°26	20°57	10°D14	9°45	2°35	n.a.	S 20
S 21	3 16 11	19° 2'09	6♓53	27°38	10°54	4°38	11° 9	1°12	16° 7	26°29	20°57	10°14	9°42	2°42	n.a.	S 21
M22	3 20 7	20° 3'27	20°26	29°15	12°10	5°24	11° 2	1°15	16° 8	26°31	20°57	10°15	9°39	2°48	n.a.	M22
T 23	3 24 4	21° 4'44	4♈28	0♐52	13°25	6°11	10°55	1°18	16° 8	26°33	20°57	10°16	9°36	2°55	n.a.	T 23
W24	3 28 1	22° 6'00	18°55	2°30	14°41	6°57	10°48	1°21	16° 9	26°35	20°57	10°17	9°33	3° 2	n.a.	W24
T 25	3 31 57	23° 7'17	3♉46	4° 7	15°56	7°43	10°41	1°24	16° 9	26°38	20°58	10°R17	9°30	3° 8	n.a.	T 25
F 26	3 35 54	24° 8'33	18°53	5°44	17°12	8°30	10°33	1°27	16°10	26°40	20°58	10°17	9°26	3°15	n.a.	F 26
S 27	3 39 50	25° 9'49	4♊ 9	7°22	18°27	9°16	10°26	1°30	16°10	26°42	20°58	10°16	9°23	3°22	n.a.	S 27
S 28	3 43 47	26°11'05	19°21	8°59	19°43	10° 3	10°18	1°32	16°10	26°44	20°58	10°15	9°20	3°28	n.a.	S 28
M29	3 47 43	27°12'21	4♋22	10°35	20°58	10°49	10°10	1°35	16°10	26°47	20°59	10°13	9°17	3°35	n.a.	M29
T 30	3 51 40	28♏13'37	19♋ 2	12♐12	22♏14	11♑35	10♊ 3	1♍37	16♌11	26♏49	20♒59	10♉10	9♉14	3♐42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 9	27n31	3n45	10s27	0s20	5s13	1n 9	24s50	1s28	22n38	0s 6	13n41	2n 7	17n 6	0n45	18s15	1n18	30s30	16s47	15n 9	15n18	22s17		n.a.
T 2	11 31	28 1	4 34	11 8	0 27	5 44	1 7	24 54	1 27	22 38	0 6	13 39	2 7	17 5	0 45	18 15	1 18	30 30	16 46	15 9	15 17	22 19		n.a.
W 3	11 53	26 41	5 4	11 48	0 33	6 15	1 5	24 57	1 27	22 37	0 6	13 38	2 7	17 5	0 45	18 16	1 18	30 30	16 46	15 9	15 16	22 22		n.a.
T 4	12 15	23 49	5 17	12 28	0 39	6 46	1 4	25 0	1 27	22 37	0 6	13 36	2 8	17 4	0 45	18 16	1 18	30 30	16 46	15 9	15 15	22 24		n.a.
F 5	12 36	19 44	5 12	13 7	0 45	7 17	1 2	25 3	1 27	22 36	0 5	13 35	2 8	17 4	0 45	18 17	1 18	30 29	16 45	15 9	15 14	22 26		n.a.
S 6	12 58	14 49	4 51	13 45	0 51	7 47	1 0	25 5	1 26	22 36	0 5	13 34	2 8	17 4	0 45	18 17	1 18	30 29	16 45	15 9	15 13	22 28		n.a.
S 7	13 19	9 22	4 17	14 23	0 57	8 17	0 58	25 7	1 26	22 35	0 5	13 32	2 8	17 3	0 45	18 18	1 18	30 29	16 45	15 9	15 12	22 30		n.a.
M 8	13 39	3 39	3 30	15 1	1 3	8 47	0 56	25 9	1 26	22 35	0 5	13 31	2 9	17 3	0 45	18 18	1 18	30 29	16 44	15 9	15 11	22 33		n.a.
T 9	14 0	2s 7	2 35	15 37	1 8	9 17	0 54	25 11	1 26	22 34	0 5	13 29	2 9	17 2	0 45	18 19	1 18	30 28	16 44	15 8	15 10	22 35		n.a.
W10	14 20	7 45	1 33	16 14	1 14	9 47	0 52	25 12	1 25	22 34	0 5	13 28	2 9	17 2	0 45	18 19	1 18	30 28	16 44	15 8	15 9	22 37		n.a.
T 11	14 40	13 3	0 28	16 49	1 19	10 16	0 50	25 13	1 25	22 33	0 5	13 27	2 9	17 2	0 45	18 20	1 18	30 28	16 43	15 8	15 8	22 39		n.a.
F 12	15 0	17 51	0s38	17 23	1 24	10 45	0 48	25 14	1 25	22 33	0 4	13 26	2 10	17 2	0 45	18 20	1 18	30 28	16 43	15 8	15 7	22 41		n.a.
S 13	15 20	21 55	1 42	17 57	1 29	11 14	0 46	25 14	1 25	22 32	0 4	13 25	2 10	17 1	0 45	18 21	1 18	30 27	16 43	15 8	15 6	22 44		n.a.
S 14	15 39	25 6	2 42	18 30	1 34	11 43	0 44	25 14	1 24	22 31	0 4	13 23	2 10	17 1	0 46	18 22	1 18	30 27	16 42	15 8	15 5	22 46		n.a.
M15	15 58	27 11	3 34	19 2	1 38	12 11	0 42	25 14	1 24	22 31	0 4	13 22	2 10	17 1	0 46	18 22	1 18	30 27	16 42	15 8	15 4	22 48		n.a.
T 16	16 17	28 3	4 18	19 33	1 42	12 39	0 39	25 14	1 24	22 30	0 4	13 21	2 11	17 0	0 46	18 23	1 18	30 26	16 42	15 8	15 3	22 50		n.a.
W17	16 35	27 37	4 51	20 3	1 46	13 7	0 37	25 13	1 23	22 29	0 4	13 20	2 11	17 0	0 46	18 23	1 18	30 26	16 41	15 8	15 2	22 52		n.a.
T 18	16 53	25 51	5 11	20 32	1 50	13 34	0 35	25 12	1 23	22 28	0 4	13 19	2 11	17 0	0 46	18 24	1 18	30 26	16 41	15 8	15 1	22 54		n.a.
F 19	17 11	22 50	5 18	21 0	1 53	14 1	0 33	25 10	1 23	22 28	0 3	13 18	2 11	17 0	0 46	18 24	1 18	30 25	16 40	15 8	15 0	22 57		n.a.
S 20	17 29	18 40	5 9	21 27	1 56	14 27	0 30	25 9	1 22	22 27	0 3	13 17	2 12	17 0	0 46	18 25	1 18	30 25	16 40	15 8	14 59	22 59		n.a.
S 21	17 46	13 31	4 44	21 53	1 59	14 54	0 28	25 7	1 22	22 26	0 3	13 16	2 12	17 0	0 46	18 25	1 18	30 25	16 40	15 8	14 58	23 1		n.a.
M22	18 3	7 33	4 3	22 18	2 1	15 20	0 26	25 5	1 22	22 25	0 3	13 15	2 12	16 59	0 46	18 26	1 18	30 24	16 39	15 8	14 57	23 3		n.a.
T 23	18 19	1 2	3 6	22 41	2 3	15 45	0 24	25 2	1 21	22 24	0 3	13 14	2 12	16 59	0 46	18 26	1 18	30 24	16 39	15 8	14 56	23 5		n.a.
W24	18 36	5n45	1 56	23 3	2 5	16 10	0 21	25 0	1 21	22 23	0 3	13 14	2 13	16 59	0 46	18 27	1 18	30 23	16 39	15 9	14 54	23 7		n.a.
T 25	18 51	12 25	0 36	23 23	2 6	16 35	0 19	24 57	1 21	22 22	0 3	13 13	2 13	16 59	0 46	18 28	1 18	30 23	16 38	15 9	14 53	23 9		n.a.
F 26	19 7	18 29	0n48	23 42	2 7	16 59	0 17	24 53	1 20	22 21	0 2	13 12	2 13	16 59	0 46	18 28	1 18	30 23	16 38	15 9	14 52	23 12		n.a.
S 27	19 22	23 25	2 8	23 59	2 7	17 22	0 14	24 50	1 20	22 21	0 2	13 11	2 13	16 59	0 46	18 29	1 18	30 22	16 38	15 8	14 51	23 14		n.a.
S 28	19 37	26 43	3 20	24 15	2 7	17 46	0 12	24 46	1 19	22 20	0 2	13 11	2 14	16 59	0 46	18 29	1 18	30 22	16 37	15 8	14 50	23 16		n.a.
M29	19 51	28 2	4 17	24 29	2 6	18 8	0 9	24 42	1 19	22 19	0 2	13 10	2 14	16 59	0 46	18 30	1 18	30 21	16 37	15 7	14 49	23 18		n.a.
T 30	20s 5	27n19	4n55	24s41	2s 5	18s31	0n 7	24s37	1s19	22n18	0s 2	13n10	2n14	16n59	0n46	18s30	1n18	30s21	16s36	15n 6	14n48	23s20		n.a.

Julian Day Number = 1304246.5, Delta T = 07h47m31s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'29, Lahiri = -19°43'28 Julian Calendar 1 Nov. 1143 BCE == Greg. Calendar 21 Oct. 1143 BCE

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ASTRODIENST EPHEMERIS for the year 1143 BCE
geocentric

DECEMBER 1143 BCE (-1142) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 55 37	29♏14'53	3♌17	13♐47	23♏29	12♑22	9°R55	1♍39	16♌11	26♏51	20♒59	10°R 8	9♉11	3♐48	n.a.	W 1
T 2	3 59 33	0♐16'08	17° 5	15°22	24°44	13° 8	9♊47	1°41	16°R11	26°54	21° 0	10♉ 7	9° 7	3°55	n.a.	T 2
F 3	4 3 30	1°17'24	0♍26	16°56	26° 0	13°55	9°39	1°43	16°11	26°56	21° 0	10°D 6	9° 4	4° 2	n.a.	F 3
S 4	4 7 26	2°18'39	13°22	18°28	27°15	14°41	9°31	1°45	16°11	26°58	21° 1	10° 6	9° 1	4° 8	n.a.	S 4
S 5	4 11 23	3°19'53	25°57	19°59	28°31	15°27	9°23	1°47	16°10	27° 0	21° 1	10° 8	8°58	4°15	n.a.	S 5
M 6	4 15 19	4°21'08	8♎15	21°28	29°46	16°13	9°15	1°49	16°10	27° 3	21° 1	10° 9	8°55	4°22	n.a.	M 6
T 7	4 19 16	5°22'22	20°20	22°55	1♐ 2	17° 0	9° 7	1°50	16°10	27° 5	21° 2	10°11	8°51	4°28	n.a.	T 7
W 8	4 23 12	6°23'36	2♏17	24°18	2°17	17°46	8°59	1°52	16°10	27° 7	21° 2	10°12	8°48	4°35	n.a.	W 8
T 9	4 27 9	7°24'49	14° 7	25°38	3°32	18°32	8°51	1°53	16° 9	27° 9	21° 3	10°R13	8°45	4°42	n.a.	T 9
F 10	4 31 6	8°26'02	25°56	26°55	4°48	19°19	8°43	1°55	16° 9	27°12	21° 4	10°11	8°42	4°48	n.a.	F 10
S 11	4 35 2	9°27'14	7♐43	28° 6	6° 3	20° 5	8°35	1°56	16° 8	27°14	21° 4	10° 9	8°39	4°55	n.a.	S 11
S 12	4 38 59	10°28'25	19°33	29°12	7°19	20°51	8°27	1°57	16° 8	27°16	21° 5	10° 4	8°36	5° 2	n.a.	S 12
M13	4 42 55	11°29'35	1♑26	0♑12	8°34	21°37	8°19	1°58	16° 7	27°18	21° 5	9°59	8°32	5° 8	n.a.	M13
T 14	4 46 52	12°30'45	13°24	1° 4	9°49	22°23	8°11	1°59	16° 7	27°21	21° 6	9°53	8°29	5°15	n.a.	T 14
W15	4 50 48	13°31'53	25°30	1°49	11° 5	23° 9	8° 3	2° 0	16° 6	27°23	21° 7	9°46	8°26	5°22	n.a.	W15
T 16	4 54 45	14°33'00	7♒45	2°25	12°20	23°55	7°55	2° 0	16° 5	27°25	21° 7	9°41	8°23	5°28	n.a.	T 16
F 17	4 58 42	15°34'06	20°13	2°51	13°35	24°42	7°47	2° 1	16° 4	27°27	21° 8	9°36	8°20	5°35	n.a.	F 17
S 18	5 2 38	16°35'11	2♓55	3° 7	14°51	25°28	7°39	2° 1	16° 3	27°29	21° 9	9°34	8°17	5°42	n.a.	S 18
S 19	5 6 35	17°36'14	15°57	3°R12	16° 6	26°14	7°31	2° 2	16° 2	27°31	21°10	9°D33	8°13	5°48	n.a.	S 19
M20	5 10 31	18°37'16	29°19	3° 5	17°21	27° 0	7°23	2° 2	16° 2	27°34	21°10	9°33	8°10	5°55	n.a.	M20
T 21	5 14 28	19°38'17	13♈ 6	2°47	18°36	27°46	7°16	2° 2	16° 0	27°36	21°11	9°34	8° 7	6° 1	n.a.	T 21
W22	5 18 24	20°39'16	27°17	2°18	19°52	28°31	7° 8	2°R 2	15°59	27°38	21°12	9°36	8° 4	6° 8	n.a.	W22
T 23	5 22 21	21°40'13	11♉53	1°38	21° 7	29°17	7° 0	2° 2	15°58	27°40	21°13	9°R36	8° 1	6°15	n.a.	T 23
F 24	5 26 17	22°41'10	26°49	0°49	22°22	0♒ 3	6°53	2° 2	15°57	27°42	21°14	9°35	7°57	6°21	n.a.	F 24
S 25	5 30 14	23°42'05	12♊ 0	29♐51	23°37	0°49	6°45	2° 2	15°56	27°44	21°15	9°32	7°54	6°28	n.a.	S 25
S 26	5 34 11	24°42'58	27°14	28°46	24°52	1°35	6°38	2° 1	15°55	27°46	21°15	9°26	7°51	6°35	n.a.	S 26
M27	5 38 7	25°43'51	12♋23	27°36	26° 8	2°21	6°31	2° 1	15°53	27°48	21°16	9°19	7°48	6°41	n.a.	M27
T 28	5 42 4	26°44'42	27°16	26°24	27°23	3° 6	6°23	2° 0	15°52	27°50	21°17	9°12	7°45	6°48	n.a.	T 28
W29	5 46 0	27°45'32	11♌44	25°11	28°38	3°52	6°16	2° 0	15°51	27°53	21°18	9° 4	7°42	6°55	n.a.	W29
T 30	5 49 57	28°46'20	25°45	23°59	29°53	4°38	6° 9	1°59	15°49	27°55	21°19	8°58	7°38	7° 1	n.a.	T 30
F 31	5 53 53	29♐47'07	9♍15	22♐51	1♑ 8	5♒23	6♊ 3	1♍58	15♌48	27♏57	21♒20	8♉54	7♉35	7♐ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s19	24n49	5n14	24s52	2s 3	18s52	0n 5	24s33	1s18	22n17	0s 2	13n 9	2n15	16n59	0n46	18s31	1n18	30s20	16s36	15n 6	14n47	23s22			n.a.
T 2	20 32	20 56	5 14	25 0	2 0	19 14	0 2	24 28	1 18	22 16	0 1	13 8	2 15	16 59	0 46	18 31	1 18	30 20	16 36	15 5	14 46	23 24			n.a.
F 3	20 45	16 6	4 56	25 7	1 57	19 34	0s 0	24 22	1 17	22 14	0 1	13 8	2 15	16 59	0 46	18 32	1 18	30 19	16 35	15 5	14 45	23 26			n.a.
S 4	20 58	10 42	4 24	25 12	1 53	19 55	0 2	24 17	1 17	22 13	0 1	13 8	2 15	16 59	0 46	18 32	1 18	30 19	16 35	15 5	14 44	23 28			n.a.
S 5	21 10	5 0	3 40	25 14	1 48	20 14	0 5	24 11	1 17	22 12	0 1	13 7	2 16	16 59	0 46	18 33	1 18	30 18	16 35	15 6	14 43	23 30			n.a.
M 6	21 22	0s46	2 47	25 15	1 42	20 33	0 7	24 5	1 16	22 11	0 1	13 7	2 16	16 59	0 47	18 33	1 18	30 18	16 34	15 6	14 42	23 32			n.a.
T 7	21 33	6 25	1 47	25 14	1 36	20 51	0 10	23 59	1 16	22 10	0 1	13 6	2 16	16 59	0 47	18 34	1 18	30 17	16 34	15 7	14 41	23 34			n.a.
W 8	21 44	11 47	0 44	25 10	1 28	21 9	0 12	23 52	1 15	22 9	0 1	13 6	2 17	17 0	0 47	18 35	1 18	30 17	16 34	15 7	14 40	23 36			n.a.
T 9	21 54	16 41	0s22	25 5	1 19	21 26	0 14	23 46	1 15	22 8	0 0	13 6	2 17	17 0	0 47	18 35	1 18	30 16	16 33	15 7	14 39	23 38			n.a.
F 10	22 4	20 56	1 25	24 58	1 10	21 43	0 17	23 38	1 14	22 7	0 0	13 6	2 17	17 0	0 47	18 36	1 18	30 16	16 33	15 7	14 38	23 40			n.a.
S 11	22 14	24 21	2 25	24 48	0 59	21 59	0 19	23 31	1 14	22 6	0 0	13 5	2 17	17 0	0 47	18 36	1 18	30 15	16 33	15 6	14 37	23 43			n.a.
S 12	22 23	26 43	3 19	24 37	0 48	22 14	0 21	23 24	1 13	22 5	0n 0	13 5	2 18	17 0	0 47	18 37	1 18	30 15	16 32	15 5	14 36	23 45			n.a.
M13	22 32	27 54	4 4	24 25	0 35	22 29	0 24	23 16	1 13	22 3	0 0	13 5	2 18	17 1	0 47	18 37	1 18	30 14	16 32	15 3	14 35	23 47			n.a.
T 14	22 40	27 46	4 39	24 11	0 21	22 43	0 26	23 8	1 12	22 2	0 0	13 5	2 18	17 1	0 47	18 38	1 18	30 14	16 32	15 1	14 34	23 49			n.a.
W15	22 48	26 20	5 2	23 55	0 6	22 56	0 28	22 59	1 12	22 1	0 1	13 5	2 18	17 1	0 47	18 38	1 18	30 13	16 31	14 59	14 33	23 51			n.a.
T 16	22 55	23 38	5 11	23 39	0n10	23 9	0 30	22 51	1 11	22 0	0 1	13 5	2 19	17 1	0 47	18 39	1 18	30 13	16 31	14 57	14 32	23 53			n.a.
F 17	23 2	19 49	5 6	23 21	0 27	23 20	0 32	22 42	1 11	21 59	0 1	13 5	2 19	17 2	0 47	18 39	1 18	30 12	16 31	14 56	14 31	23 55			n.a.
S 18	23 9	15 2	4 46	23 3	0 44	23 32	0 35	22 33	1 10	21 58	0 1	13 5	2 19	17 2	0 47	18 40	1 18	30 12	16 30	14 55	14 30	23 57			n.a.
S 19	23 15	9 28	4 11	22 45	1 3	23 42	0 37	22 24	1 10	21 57	0 1	13 5	2 20	17 2	0 47	18 40	1 18	30 11	16 30	14 54	14 29	23 59			n.a.
M20	23 20	3 21	3 21	22 26	1 21	23 52	0 39	22 14	1 9	21 55	0 1	13 6	2 20	17 3	0 47	18 41	1 18	30 10	16 30	14 55	14 28	24 1			n.a.
T 21	23 25	3n 7	2 19	22 8	1 40	24 1	0 41	22 4	1 9	21 54	0 1	13 6	2 20	17 3	0 47	18 41	1 18	30 10	16 29	14 55	14 27	24 2			n.a.
W22	23 30	9 39	1 6	21 50	1 59	24 9	0 43	21 55	1 8	21 53	0 2	13 6	2 20	17 3	0 47	18 42	1 18	30 9	16 29	14 55	14 26	24 4			n.a.
T 23	23 34	15 51	0n12	21 33	2 17	24 17	0 45	21 44	1 8	21 52	0 2	13 6	2 21	17 4	0 47	18 42	1 18	30 9	16 29	14 56	14 24	24 6			n.a.
F 24	23 38	21 15	1 32	21 16	2 34	24 23	0 47	21 34	1 7	21 51	0 2	13 7	2 21	17 4	0 47	18 43	1 18	30 8	16 28	14 55	14 23	24 8			n.a.
S 25	23 41	25 21	2 46	21 0	2 50	24 29	0 49	21 23	1 7	21 50	0 2	13 7	2 21	17 4	0 47	18 43	1 18	30 8	16 28	14 54	14 22	24 10			n.a.
S 26	23 43	27 37	3 49	20 46	3 4	24 35	0 51	21 13	1 6	21 49	0 2	13 7	2 22	17 5	0 47	18 43	1 18	30 7	16 28	14 52	14 21	24 12			n.a.
M27	23 46	27 48	4 35	20 32	3 16	24 39	0 53	21 2	1 6	21 47	0 2	13 8	2 22	17 5	0 47	18 44	1 18	30 6	16 28	14 50	14 20	24 14			n.a.
T 28	23 47	25 58	5 1	20 20	3 27	24 43	0 55	20 50	1 5	21 46	0 3	13 8	2 22	17 6	0 47	18 44	1 18	30 6	16 27	14 48	14 19	24 16			n.a.
W29	23 49	22 28	5 8	20 10	3 34	24 46	0 56	20 39	1 5	21 45	0 3	13 9	2 22	17 6	0 47	18 45	1 18	30 5	16 27	14 45	14 18	24 18			n.a.
T 30	23 50	17 45	4 55	20 2	3 40	24 48	0 58	20 27	1 4	21 44	0 3	13 9	2 23	17 7	0 48	18 45	1 18	30 5	16 27	14 43	14 17	24 20			n.a.
F 31	23s50	12n20	4n26	19s55	3n43	24s49	1s 0	20s15	1s 3	21n43	0n 3	13n10	2n23	17n 7	0n48	18s46	1n18	30s 4	16s26	14n42	14n16	24s22			n.a.

Julian Day Number = 1304276.5, Delta T = 07h47m29s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'25, Lahiri = -19°43'24 Julian Calendar 1 Dec. 1143 BCE == Greg. Calendar 20 Nov. 1143 BCE

The year -1142 astronomical counting style corresponds to year 1143 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

JANUARY 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 50	0♉47'53	22♍17	21°R47	2♉23	6♒ 9	5°R56	1°R57	15°R46	27♏59	21♒21	8°R52	7♉32	7♐15	n.a.	S 1
S 2	6 1 47	1°48'38	4♎53	20♐49	3°38	6°54	5♊49	1♍56	15♌44	28° 1	21°22	8°D51	7°29	7°21	n.a.	S 2
M 3	6 5 43	2°49'22	17°10	19°58	4°53	7°40	5°43	1°55	15°43	28° 2	21°23	8♉52	7°26	7°28	n.a.	M 3
T 4	6 9 40	3°50'04	29°12	19°14	6° 8	8°25	5°36	1°53	15°41	28° 4	21°24	8°53	7°23	7°35	n.a.	T 4
W 5	6 13 36	4°50'45	11♏ 4	18°39	7°24	9°11	5°30	1°52	15°39	28° 6	21°25	8°R54	7°19	7°41	n.a.	W 5
T 6	6 17 33	5°51'24	22°52	18°11	8°39	9°56	5°24	1°50	15°38	28° 8	21°26	8°52	7°16	7°48	n.a.	T 6
F 7	6 21 29	6°52'03	4♐38	17°52	9°54	10°42	5°18	1°49	15°36	28°10	21°28	8°49	7°13	7°55	n.a.	F 7
S 8	6 25 26	7°52'39	16°27	17°40	11° 9	11°27	5°12	1°47	15°34	28°12	21°29	8°43	7°10	8° 1	n.a.	S 8
S 9	6 29 22	8°53'14	28°21	17°D36	12°24	12°12	5° 7	1°45	15°32	28°14	21°30	8°34	7° 7	8° 8	n.a.	S 9
M10	6 33 19	9°53'48	10♉22	17°39	13°39	12°58	5° 1	1°43	15°30	28°16	21°31	8°23	7° 3	8°15	n.a.	M10
T 11	6 37 16	10°54'19	22°31	17°48	14°54	13°43	4°56	1°41	15°28	28°17	21°32	8°11	7° 0	8°21	n.a.	T 11
W12	6 41 12	11°54'49	4♒49	18° 4	16° 9	14°28	4°51	1°39	15°26	28°19	21°33	7°58	6°57	8°28	n.a.	W12
T 13	6 45 9	12°55'17	17°18	18°25	17°23	15°13	4°46	1°37	15°24	28°21	21°35	7°47	6°54	8°35	n.a.	T 13
F 14	6 49 5	13°55'43	29°57	18°52	18°38	15°58	4°41	1°35	15°22	28°23	21°36	7°37	6°51	8°41	n.a.	F 14
S 15	6 53 2	14°56'07	12♓48	19°24	19°53	16°44	4°36	1°32	15°20	28°24	21°37	7°30	6°48	8°48	n.a.	S 15
S 16	6 56 58	15°56'28	25°52	20° 0	21° 8	17°29	4°31	1°30	15°18	28°26	21°38	7°26	6°44	8°55	n.a.	S 16
M17	7 0 55	16°56'48	9♈13	20°41	22°23	18°14	4°27	1°27	15°16	28°28	21°40	7°24	6°41	9° 1	n.a.	M17
T 18	7 4 51	17°57'05	22°51	21°26	23°38	18°59	4°23	1°25	15°14	28°29	21°41	7°D24	6°38	9° 8	n.a.	T 18
W19	7 8 48	18°57'20	6♉48	22°14	24°53	19°43	4°19	1°22	15°11	28°31	21°42	7°R25	6°35	9°15	n.a.	W19
T 20	7 12 45	19°57'33	21° 5	23° 6	26° 8	20°28	4°15	1°19	15° 9	28°33	21°43	7°24	6°32	9°21	n.a.	T 20
F 21	7 16 41	20°57'44	5♊40	24° 0	27°22	21°13	4°12	1°16	15° 7	28°34	21°45	7°21	6°29	9°28	n.a.	F 21
S 22	7 20 38	21°57'52	20°30	24°58	28°37	21°58	4° 8	1°14	15° 4	28°36	21°46	7°16	6°25	9°35	n.a.	S 22
S 23	7 24 34	22°57'59	5♋28	25°59	29°52	22°43	4° 5	1°10	15° 2	28°37	21°47	7° 8	6°22	9°42	n.a.	S 23
M24	7 28 31	23°58'03	20°25	27° 2	1♒ 7	23°27	4° 2	1° 7	15° 0	28°39	21°49	6°58	6°19	9°48	n.a.	M24
T 25	7 32 27	24°58'05	5♌11	28° 7	2°21	24°12	3°59	1° 4	14°57	28°40	21°50	6°46	6°16	9°55	n.a.	T 25
W26	7 36 24	25°58'05	19°40	29°15	3°36	24°57	3°56	1° 1	14°55	28°42	21°51	6°35	6°13	10° 2	n.a.	W26
T 27	7 40 20	26°58'03	3♍43	0♉24	4°51	25°41	3°54	0°58	14°53	28°43	21°53	6°25	6° 9	10° 8	n.a.	T 27
F 28	7 44 17	27°58'00	17°19	1°36	6° 5	26°26	3°51	0°54	14°50	28°45	21°54	6°17	6° 6	10°15	n.a.	F 28
S 29	7 48 14	28°57'54	0♎26	2°50	7°20	27°10	3°49	0°51	14°48	28°46	21°55	6°12	6° 3	10°22	n.a.	S 29
S 30	7 52 10	29°57'46	13° 8	4° 5	8°35	27°54	3°47	0°47	14°45	28°47	21°57	6° 9	6° 0	10°28	n.a.	S 30
M31	7 56 7	0♒57'37	25♎29	5♉22	9♒49	28♒39	3♊46	0♍43	14♌43	28♏49	21♒58	6♉ 8	5♉57	10♐35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	6n32	3n44	19s51	3n44	24s50	1s 1	20s 3	1s 3	21n42	0n 3	13n11	2n23	17n 8	0n48	18s46	1n18	30s 3	16s26	14n41	14n15	24s24		n.a.
S 2	23 49	0 40	2 53	19 49	3 42	24 50	1 3	19 51	1 2	21 41	0 3	13 11	2 24	17 8	0 48	18 47	1 18	30 3	16 26	14 41	14 14	24 26		n.a.
M 3	23 48	5s 6	1 54	19 48	3 39	24 49	1 5	19 39	1 2	21 40	0 3	13 12	2 24	17 9	0 48	18 47	1 18	30 2	16 26	14 41	14 13	24 28		n.a.
T 4	23 47	10 34	0 52	19 50	3 34	24 47	1 6	19 26	1 1	21 39	0 4	13 13	2 24	17 9	0 48	18 47	1 18	30 2	16 25	14 42	14 12	24 29		n.a.
W 5	23 45	15 35	0s12	19 53	3 28	24 45	1 8	19 14	1 1	21 38	0 4	13 14	2 24	17 10	0 48	18 48	1 18	30 1	16 25	14 42	14 11	24 31		n.a.
T 6	23 42	19 59	1 14	19 58	3 20	24 42	1 9	19 1	1 0	21 37	0 4	13 14	2 25	17 10	0 48	18 48	1 18	30 0	16 25	14 41	14 10	24 33		n.a.
F 7	23 39	23 36	2 13	20 5	3 12	24 38	1 11	18 48	1 0	21 36	0 4	13 15	2 25	17 11	0 48	18 49	1 18	30 0	16 25	14 40	14 9	24 35		n.a.
S 8	23 36	26 14	3 7	20 14	3 2	24 33	1 12	18 34	0 59	21 35	0 4	13 16	2 25	17 12	0 48	18 49	1 18	29 59	16 24	14 38	14 8	24 37		n.a.
S 9	23 32	27 42	3 52	20 23	2 52	24 27	1 13	18 21	0 58	21 34	0 4	13 17	2 25	17 12	0 48	18 49	1 18	29 58	16 24	14 35	14 7	24 39		n.a.
M10	23 27	27 52	4 28	20 34	2 41	24 21	1 14	18 7	0 58	21 33	0 4	13 18	2 26	17 13	0 48	18 50	1 18	29 58	16 24	14 32	14 6	24 41		n.a.
T 11	23 23	26 42	4 52	20 46	2 30	24 14	1 16	17 54	0 57	21 33	0 5	13 19	2 26	17 13	0 48	18 50	1 18	29 57	16 24	14 28	14 5	24 42		n.a.
W12	23 17	24 15	5 2	20 59	2 19	24 6	1 17	17 40	0 57	21 32	0 5	13 20	2 26	17 14	0 48	18 51	1 18	29 57	16 23	14 24	14 3	24 44		n.a.
T 13	23 12	20 38	4 59	21 12	2 8	23 58	1 18	17 26	0 56	21 31	0 5	13 21	2 26	17 15	0 48	18 51	1 18	29 56	16 23	14 20	14 2	24 46		n.a.
F 14	23 5	16 2	4 40	21 26	1 56	23 49	1 19	17 11	0 55	21 30	0 5	13 22	2 27	17 15	0 48	18 51	1 18	29 55	16 23	14 17	14 1	24 48		n.a.
S 15	22 59	10 40	4 8	21 40	1 45	23 39	1 20	16 57	0 55	21 30	0 5	13 23	2 27	17 16	0 48	18 52	1 18	29 55	16 23	14 15	14 0	24 50		n.a.
S 16	22 52	4 45	3 22	21 54	1 33	23 28	1 21	16 42	0 54	21 29	0 5	13 24	2 27	17 17	0 48	18 52	1 18	29 54	16 23	14 13	13 59	24 52		n.a.
M17	22 44	1n31	2 24	22 8	1 22	23 17	1 21	16 28	0 54	21 28	0 5	13 25	2 27	17 17	0 48	18 52	1 18	29 53	16 22	14 13	13 58	24 53		n.a.
T 18	22 36	7 51	1 17	22 22	1 11	23 4	1 22	16 13	0 53	21 27	0 6	13 26	2 28	17 18	0 48	18 53	1 18	29 53	16 22	14 13	13 57	24 55		n.a.
W19	22 28	13 57	0 3	22 36	1 0	22 52	1 23	15 58	0 52	21 27	0 6	13 28	2 28	17 19	0 48	18 53	1 18	29 52	16 22	14 13	13 56	24 57		n.a.
T 20	22 19	19 29	1n12	22 50	0 49	22 38	1 23	15 43	0 52	21 26	0 6	13 29	2 28	17 19	0 48	18 53	1 18	29 52	16 22	14 12	13 55	24 59		n.a.
F 21	22 10	23 58	2 24	23 3	0 38	22 24	1 24	15 28	0 51	21 26	0 6	13 30	2 28	17 20	0 48	18 54	1 18	29 51	16 22	14 12	13 54	25 0		n.a.
S 22	22 0	26 56	3 27	23 16	0 28	22 9	1 25	15 13	0 51	21 25	0 6	13 31	2 29	17 21	0 48	18 54	1 18	29 50	16 22	14 10	13 53	25 2		n.a.
S 23	21 50	28 0	4 17	23 28	0 18	21 54	1 25	14 57	0 50	21 25	0 6	13 33	2 29	17 22	0 48	18 54	1 18	29 50	16 21	14 7	13 52	25 4		n.a.
M24	21 40	27 0	4 49	23 40	0 8	21 38	1 25	14 42	0 49	21 24	0 6	13 34	2 29	17 22	0 48	18 55	1 18	29 49	16 21	14 4	13 51	25 6		n.a.
T 25	21 29	24 8	5 1	23 51	0s 2	21 21	1 26	14 26	0 49	21 24	0 6	13 35	2 29	17 23	0 48	18 55	1 18	29 49	16 21	14 0	13 50	25 8		n.a.
W26	21 18	19 47	4 53	24 1	0 11	21 4	1 26	14 10	0 48	21 23	0 7	13 37	2 29	17 24	0 48	18 55	1 18	29 48	16 21	13 56	13 49	25 9		n.a.
T 27	21 6	14 27	4 28	24 10	0 20	20 46	1 26	13 55	0 47	21 23	0 7	13 38	2 30	17 24	0 48	18 56	1 18	29 47	16 21	13 53	13 48	25 11		n.a.
F 28	20 55	8 35	3 48	24 18	0 29	20 27	1 26	13 39	0 47	21 23	0 7	13 40	2 30	17 25	0 48	18 56	1 18	29 47	16 21	13 50	13 46	25 13		n.a.
S 29	20 42	2 31	2 57	24 25	0 37	20 8	1 26	13 23	0 46	21 23	0 7	13 41	2 30	17 26	0 48	18 56	1 19	29 46	16 20	13 48	13 45	25 14		n.a.
S 30	20 29	3s27	1 59	24 31	0 45	19 48	1 27	13 7	0 46	21 22	0 7	13 43	2 30	17 27	0 48	18 56	1 19	29 45	16 20	13 47	13 44	25 16		n.a.
M31	20s16	9s 8	0n56	24s36	0s53	19s28	1s26	12s50	0s45	21n22	0n 7	13n44	2n30	17n27	0n48	18s57	1n19	29s45	16s20	13n47	13n43	25s18		n.a.

Julian Day Number = 1304307.5, Delta T = 07h47m27s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'20, Lahiri = -19°43'20 Julian Calendar 1 Jan. 1142 BCE == Greg. Calendar 21 Dec. 1143 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

FEBRUARY 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 3	1♒57'26	7♏33	6♉41	11♒ 4	29♒23	3°R44	0°R40	14°R40	28♏50	22♒ 0	6°R 8	5♉54	10♐42	n.a.	T 1
W 2	8 4 0	2°57'13	19°26	8° 1	12°18	0♓ 7	3♊43	0♍36	14♌38	28°51	22° 1	6♉ 8	5°50	10°48	n.a.	W 2
T 3	8 7 56	3°56'58	1♐14	9°23	13°33	0°52	3°42	0°32	14°35	28°52	22° 2	6° 6	5°47	10°55	n.a.	T 3
F 4	8 11 53	4°56'42	13° 2	10°47	14°47	1°36	3°41	0°28	14°33	28°53	22° 4	6° 2	5°44	11° 2	n.a.	F 4
S 5	8 15 49	5°56'23	24°53	12°12	16° 2	2°20	3°40	0°24	14°30	28°55	22° 5	5°55	5°41	11° 8	n.a.	S 5
S 6	8 19 46	6°56'03	6♉53	13°38	17°16	3° 4	3°39	0°20	14°27	28°56	22° 7	5°45	5°38	11°15	n.a.	S 6
M 7	8 23 42	7°55'40	19° 3	15° 6	18°31	3°48	3°39	0°16	14°25	28°57	22° 8	5°32	5°35	11°22	n.a.	M 7
T 8	8 27 39	8°55'16	1♒24	16°35	19°45	4°32	3°D39	0°12	14°22	28°58	22°10	5°19	5°31	11°28	n.a.	T 8
W 9	8 31 36	9°54'49	13°58	18° 5	21° 0	5°16	3°39	0° 8	14°20	28°59	22°11	5° 5	5°28	11°35	n.a.	W 9
T 10	8 35 32	10°54'20	26°45	19°37	22°14	6° 0	3°39	0° 4	14°17	29° 0	22°13	4°52	5°25	11°42	n.a.	T 10
F 11	8 39 29	11°53'48	9♓43	21°10	23°28	6°44	3°39	29♌59	14°14	29° 1	22°14	4°41	5°22	11°48	n.a.	F 11
S 12	8 43 25	12°53'15	22°52	22°45	24°43	7°28	3°40	29°56	14°12	29° 2	22°16	4°32	5°19	11°55	n.a.	S 12
S 13	8 47 22	13°52'39	6♈12	24°20	25°57	8°12	3°41	29°51	14° 9	29° 3	22°17	4°27	5°15	12° 2	n.a.	S 13
M14	8 51 18	14°52'00	19°43	25°57	27°11	8°55	3°42	29°47	14° 7	29° 4	22°18	4°25	5°12	12° 8	n.a.	M14
T 15	8 55 15	15°51'19	3♉25	27°36	28°26	9°39	3°43	29°43	14° 4	29° 5	22°20	4°D24	5° 9	12°15	n.a.	T 15
W16	8 59 11	16°50'36	17°19	29°15	29°40	10°23	3°44	29°38	14° 1	29° 5	22°21	4°R24	5° 6	12°22	n.a.	W16
T 17	9 3 8	17°49'50	1♊25	0♒56	0♓54	11° 6	3°46	29°34	13°59	29° 6	22°23	4°24	5° 3	12°28	n.a.	T 17
F 18	9 7 5	18°49'02	15°42	2°39	2° 8	11°50	3°48	29°29	13°56	29° 7	22°24	4°21	5° 0	12°35	n.a.	F 18
S 19	9 11 1	19°48'11	0♋ 9	4°23	3°23	12°33	3°49	29°25	13°54	29° 8	22°26	4°16	4°56	12°42	n.a.	S 19
S 20	9 14 58	20°47'18	14°41	6° 8	4°37	13°17	3°52	29°20	13°51	29° 8	22°27	4° 9	4°53	12°48	n.a.	S 20
M21	9 18 54	21°46'22	29°13	7°54	5°51	14° 0	3°54	29°16	13°49	29° 9	22°29	3°59	4°50	12°55	n.a.	M21
T 22	9 22 51	22°45'25	13♌38	9°42	7° 5	14°43	3°56	29°11	13°46	29°10	22°30	3°48	4°47	13° 2	n.a.	T 22
W23	9 26 47	23°44'24	27°49	11°31	8°19	15°27	3°59	29° 7	13°43	29°10	22°32	3°37	4°44	13° 8	n.a.	W23
T 24	9 30 44	24°43'22	11♍41	13°22	9°33	16°10	4° 2	29° 2	13°41	29°11	22°33	3°27	4°40	13°15	n.a.	T 24
F 25	9 34 40	25°42'17	25°11	15°14	10°47	16°53	4° 5	28°58	13°38	29°11	22°35	3°20	4°37	13°22	n.a.	F 25
S 26	9 38 37	26°41'11	8♎16	17° 7	12° 1	17°36	4° 8	28°53	13°36	29°12	22°36	3°15	4°34	13°28	n.a.	S 26
S 27	9 42 33	27°40'02	20°59	19° 2	13°15	18°19	4°11	28°48	13°33	29°12	22°38	3°12	4°31	13°35	n.a.	S 27
M28	9 46 30	28♒38'52	3♏21	20♒58	14♓29	19♓ 3	4♊15	28♌44	13♌31	29♏13	22♒39	3°D11	4♉28	13♐42	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s 3	14s22	0s 7	24s40	1s 0	19s 7	1s26	12s34	0s44	21n22	0n 7	13n46	2n31	17n28	0n48	18s57	1n19	29s44	16s20	13n47	13n42	25s20		n.a.	T 1
W 2	19 49	19 0	1 10	24 42	1 7	18 46	1 26	12 18	0 44	21 22	0 7	13 47	2 31	17 29	0 48	18 57	1 19	29 44	16 20	13 47	13 41	25 21		n.a.	W 2
T 3	19 35	22 50	2 9	24 44	1 14	18 24	1 26	12 1	0 43	21 22	0 8	13 49	2 31	17 30	0 48	18 57	1 19	29 43	16 20	13 46	13 40	25 23		n.a.	T 3
F 4	19 21	25 44	3 2	24 44	1 21	18 2	1 26	11 44	0 42	21 22	0 8	13 50	2 31	17 31	0 48	18 58	1 19	29 42	16 20	13 45	13 39	25 25		n.a.	F 4
S 5	19 6	27 31	3 47	24 42	1 27	17 39	1 25	11 28	0 42	21 22	0 8	13 52	2 31	17 31	0 48	18 58	1 19	29 42	16 20	13 43	13 38	25 26		n.a.	S 5
S 6	18 51	28 2	4 23	24 39	1 32	17 15	1 25	11 11	0 41	21 22	0 8	13 53	2 32	17 32	0 48	18 58	1 19	29 41	16 20	13 39	13 37	25 28		n.a.	S 6
M 7	18 35	27 12	4 48	24 35	1 38	16 52	1 24	10 54	0 41	21 22	0 8	13 55	2 32	17 33	0 48	18 58	1 19	29 41	16 19	13 35	13 36	25 30		n.a.	M 7
T 8	18 19	25 2	4 59	24 29	1 43	16 27	1 24	10 37	0 40	21 22	0 8	13 57	2 32	17 34	0 48	18 59	1 19	29 40	16 19	13 30	13 35	25 31		n.a.	T 8
W 9	18 3	21 37	4 56	24 21	1 47	16 3	1 23	10 20	0 39	21 22	0 8	13 58	2 32	17 34	0 48	18 59	1 19	29 40	16 19	13 26	13 34	25 33		n.a.	W 9
T 10	17 47	17 9	4 38	24 12	1 51	15 37	1 22	10 3	0 39	21 22	0 8	14 0	2 32	17 35	0 49	18 59	1 19	29 39	16 19	13 21	13 33	25 35		n.a.	T 10
F 11	17 30	11 51	4 6	24 2	1 55	15 12	1 22	9 46	0 38	21 22	0 8	14 2	2 32	17 36	0 49	18 59	1 19	29 38	16 19	13 17	13 31	25 36		n.a.	F 11
S 12	17 13	5 56	3 21	23 49	1 58	14 46	1 21	9 29	0 37	21 22	0 9	14 3	2 32	17 37	0 49	18 59	1 19	29 38	16 19	13 15	13 30	25 38		n.a.	S 12
S 13	16 56	0n19	2 23	23 35	2 1	14 20	1 20	9 12	0 37	21 23	0 9	14 5	2 33	17 38	0 49	18 59	1 19	29 37	16 19	13 13	13 29	25 40		n.a.	S 13
M14	16 38	6 39	1 17	23 20	2 4	13 53	1 19	8 55	0 36	21 23	0 9	14 7	2 33	17 38	0 49	19 0	1 19	29 37	16 19	13 12	13 28	25 41		n.a.	M14
T 15	16 21	12 46	0 5	23 2	2 6	13 26	1 18	8 37	0 36	21 23	0 9	14 8	2 33	17 39	0 49	19 0	1 19	29 36	16 19	13 12	13 27	25 43		n.a.	T 15
W16	16 3	18 22	1n 8	22 43	2 8	12 58	1 17	8 20	0 35	21 24	0 9	14 10	2 33	17 40	0 49	19 0	1 19	29 36	16 19	13 12	13 26	25 44		n.a.	W16
T 17	15 44	23 2	2 18	22 22	2 9	12 31	1 16	8 3	0 34	21 24	0 9	14 12	2 33	17 41	0 49	19 0	1 19	29 35	16 19	13 12	13 25	25 46		n.a.	T 17
F 18	15 26	26 22	3 20	21 59	2 9	12 3	1 15	7 45	0 34	21 24	0 9	14 13	2 33	17 41	0 49	19 0	1 19	29 34	16 19	13 11	13 24	25 48		n.a.	F 18
S 19	15 7	28 0	4 10	21 35	2 10	11 34	1 13	7 28	0 33	21 25	0 9	14 15	2 33	17 42	0 49	19 0	1 19	29 34	16 19	13 9	13 23	25 49		n.a.	S 19
S 20	14 48	27 43	4 45	21 8	2 9	11 6	1 12	7 10	0 32	21 25	0 9	14 17	2 33	17 43	0 49	19 0	1 19	29 33	16 19	13 7	13 22	25 51		n.a.	S 20
M21	14 29	25 32	5 0	20 40	2 9	10 37	1 11	6 53	0 32	21 26	0 10	14 18	2 33	17 44	0 49	19 1	1 19	29 33	16 19	13 3	13 21	25 52		n.a.	M21
T 22	14 9	21 44	4 57	20 9	2 7	10 7	1 9	6 35	0 31	21 26	0 10	14 20	2 34	17 44	0 49	19 1	1 19	29 32	16 19	12 59	13 20	25 54		n.a.	T 22
W23	13 50	16 43	4 35	19 37	2 6	9 38	1 8	6 18	0 30	21 27	0 10	14 22	2 34	17 45	0 49	19 1	1 19	29 32	16 19	12 56	13 18	25 55		n.a.	W23
T 24	13 30	10 57	3 58	19 3	2 3	9 8	1 6	6 0	0 30	21 28	0 10	14 24	2 34	17 46	0 49	19 1	1 19	29 31	16 19	12 52	13 17	25 57		n.a.	T 24
F 25	13 10	4 48	3 8	18 27	2 1	8 38	1 5	5 42	0 29	21 28	0 10	14 25	2 34	17 47	0 49	19 1	1 19	29 31	16 19	12 50	13 16	25 59		n.a.	F 25
S 26	12 49	1s22	2 9	17 49	1 57	8 8	1 3	5 25	0 29	21 29	0 10	14 27	2 34	17 47	0 48	19 1	1 19	29 30	16 19	12 48	13 15	26 0		n.a.	S 26
S 27	12 29	7 19	1 5	17 9	1 53	7 38	1 2	5 7	0 28	21 30	0 10	14 29	2 34	17 48	0 48	19 1	1 19	29 30	16 19	12 47	13 14	26 2		n.a.	S 27
M28	12s 8	12s51	0s 1	16s28	1s49	7s 7	1s 0	4s49	0s27	21n31	0n10	14n30	2n34	17n49	0n48	19s 1	1n19	29s29	16s19	12n47	13n13	26s 3		n.a.	M28

Julian Day Number = 1304338.5, Delta T = 07h47m26s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'16, Lahiri = -19°43'16 Julian Calendar 1 Feb. 1142 BCE == Greg. Calendar 21 Jan. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

MARCH 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 27	29♒37'40	15♏28	22♒56	15♓43	19♓46	4♊19	28°R39	13°R28	29♏13	22♒41	3♉12	4♉25	13♐48	n.a.	T 1
W 2	9 54 23	0♓36'26	27°24	24°55	16°57	20°28	4°23	28♌35	13♌26	29°14	22°42	3°R12	4°21	13°55	n.a.	W 2
T 3	9 58 20	1°35'10	9♐14	26°55	18°10	21°11	4°27	28°30	13°23	29°14	22°44	3°12	4°18	14° 2	n.a.	T 3
F 4	10 2 16	2°33'52	21° 4	28°57	19°24	21°54	4°31	28°25	13°21	29°14	22°45	3°10	4°15	14° 8	n.a.	F 4
S 5	10 6 13	3°32'33	2♑59	0♓59	20°38	22°37	4°35	28°21	13°19	29°14	22°47	3° 6	4°12	14°15	n.a.	S 5
S 6	10 10 9	4°31'11	15° 3	3° 3	21°52	23°20	4°40	28°16	13°16	29°15	22°48	2°59	4° 9	14°22	n.a.	S 6
M 7	10 14 6	5°29'48	27°20	5° 8	23° 6	24° 3	4°45	28°12	13°14	29°15	22°50	2°51	4° 6	14°29	n.a.	M 7
T 8	10 18 2	6°28'23	9♒51	7°13	24°19	24°45	4°49	28° 7	13°11	29°15	22°51	2°41	4° 2	14°35	n.a.	T 8
W 9	10 21 59	7°26'56	22°39	9°20	25°33	25°28	4°55	28° 3	13° 9	29°15	22°52	2°31	3°59	14°42	n.a.	W 9
T 10	10 25 56	8°25'26	5♓44	11°26	26°47	26°10	5° 0	27°58	13° 7	29°15	22°54	2°22	3°56	14°49	n.a.	T 10
F 11	10 29 52	9°23'55	19° 3	13°33	28° 0	26°53	5° 5	27°54	13° 5	29°15	22°55	2°14	3°53	14°55	n.a.	F 11
S 12	10 33 49	10°22'22	2♈36	15°40	29°14	27°36	5°11	27°49	13° 2	29°R15	22°57	2° 8	3°50	15° 2	n.a.	S 12
S 13	10 37 45	11°20'46	16°19	17°47	0♈27	28°18	5°16	27°45	13° 0	29°15	22°58	2° 5	3°46	15° 9	n.a.	S 13
M14	10 41 42	12°19'09	0♉11	19°53	1°41	29° 0	5°22	27°40	12°58	29°15	23° 0	2°D 4	3°43	15°15	n.a.	M14
T 15	10 45 38	13°17'29	14°10	21°58	2°54	29°43	5°28	27°36	12°56	29°15	23° 1	2° 4	3°40	15°22	n.a.	T 15
W16	10 49 35	14°15'47	28°14	24° 2	4° 8	0♈25	5°34	27°32	12°54	29°15	23° 2	2° 5	3°37	15°29	n.a.	W16
T 17	10 53 31	15°14'03	12♊22	26° 4	5°21	1° 7	5°41	27°28	12°52	29°15	23° 4	2°R 6	3°34	15°35	n.a.	T 17
F 18	10 57 28	16°12'17	26°33	28° 5	6°35	1°50	5°47	27°23	12°50	29°15	23° 5	2° 5	3°31	15°42	n.a.	F 18
S 19	11 1 24	17°10'29	10♋44	0♈ 3	7°48	2°32	5°54	27°19	12°48	29°15	23° 7	2° 3	3°27	15°49	n.a.	S 19
S 20	11 5 21	18° 8'38	24°54	2° 0	9° 1	3°14	6° 0	27°15	12°46	29°14	23° 8	1°59	3°24	15°55	n.a.	S 20
M21	11 9 18	19° 6'45	8♌59	3°53	10°15	3°56	6° 7	27°11	12°44	29°14	23° 9	1°54	3°21	16° 2	n.a.	M21
T 22	11 13 14	20° 4'50	22°56	5°43	11°28	4°38	6°14	27° 7	12°42	29°14	23°11	1°47	3°18	16° 9	n.a.	T 22
W23	11 17 11	21° 2'53	6♍40	7°30	12°41	5°20	6°21	27° 3	12°40	29°14	23°12	1°40	3°15	16°15	n.a.	W23
T 24	11 21 7	22° 0'54	20°10	9°14	13°54	6° 2	6°29	26°59	12°38	29°13	23°13	1°34	3°12	16°22	n.a.	T 24
F 25	11 25 4	22°58'54	3♎22	10°55	15° 7	6°44	6°36	26°55	12°36	29°13	23°15	1°30	3° 8	16°29	n.a.	F 25
S 26	11 29 0	23°56'51	16°16	12°31	16°21	7°25	6°44	26°51	12°35	29°12	23°16	1°27	3° 5	16°35	n.a.	S 26
S 27	11 32 57	24°54'47	28°52	14° 4	17°34	8° 7	6°51	26°47	12°33	29°12	23°17	1°D26	3° 2	16°42	n.a.	S 27
M28	11 36 53	25°52'42	11♏12	15°33	18°47	8°49	6°59	26°44	12°31	29°12	23°19	1°26	2°59	16°49	n.a.	M28
T 29	11 40 50	26°50'35	23°18	16°58	20° 0	9°31	7° 7	26°40	12°30	29°11	23°20	1°28	2°56	16°55	n.a.	T 29
W30	11 44 46	27°48'26	5♐15	18°19	21°13	10°12	7°15	26°36	12°28	29°10	23°21	1°29	2°52	17° 2	n.a.	W30
T 31	11 48 43	28♓46'17	17♐ 6	19♈36	22♈26	10♈54	7♊23	26♌33	12♌26	29♏10	23♒22	1♉31	2♉49	17♐ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s47	17s47	1s 5	15s44	1s44	6s37	0s58	4s32	0s27	21n31	0n10	14n32	2n34	17n49	0n48	19s 1	1n20	29s29	16s19	12n47	13n12	26s 5			n.a.
W 2	11 26	21 56	2 6	14 58	1 39	6 6	0 56	4 14	0 26	21 32	0 10	14 34	2 34	17 50	0 48	19 1	1 20	29 28	16 19	12 47	13 11	26 6			n.a.
T 3	11 5	25 10	3 0	14 11	1 32	5 35	0 54	3 56	0 25	21 33	0 11	14 35	2 34	17 51	0 48	19 1	1 20	29 28	16 19	12 47	13 10	26 8			n.a.
F 4	10 44	27 18	3 47	13 22	1 26	5 4	0 52	3 38	0 25	21 34	0 11	14 37	2 34	17 52	0 48	19 1	1 20	29 27	16 19	12 46	13 9	26 9			n.a.
S 5	10 22	28 12	4 24	12 31	1 19	4 32	0 50	3 21	0 24	21 35	0 11	14 39	2 34	17 52	0 48	19 1	1 20	29 27	16 19	12 45	13 8	26 11			n.a.
S 6	10 1	27 46	4 50	11 39	1 11	4 1	0 48	3 3	0 23	21 36	0 11	14 40	2 34	17 53	0 48	19 1	1 20	29 27	16 19	12 43	13 7	26 12			n.a.
M 7	9 39	25 59	5 3	10 45	1 3	3 29	0 46	2 45	0 23	21 37	0 11	14 42	2 34	17 54	0 48	19 1	1 20	29 26	16 20	12 40	13 5	26 14			n.a.
T 8	9 17	22 55	5 2	9 50	0 54	2 58	0 44	2 27	0 22	21 38	0 11	14 44	2 34	17 54	0 48	19 1	1 20	29 26	16 20	12 36	13 4	26 15			n.a.
W 9	8 55	18 41	4 46	8 53	0 45	2 26	0 42	2 10	0 22	21 39	0 11	14 45	2 34	17 55	0 48	19 1	1 20	29 25	16 20	12 33	13 3	26 17			n.a.
T 10	8 33	13 30	4 15	7 56	0 35	1 54	0 40	1 52	0 21	21 40	0 11	14 47	2 34	17 56	0 48	19 1	1 20	29 25	16 20	12 29	13 2	26 18			n.a.
F 11	8 10	7 36	3 30	6 57	0 25	1 23	0 37	1 34	0 20	21 41	0 11	14 48	2 34	17 56	0 48	19 1	1 20	29 24	16 20	12 27	13 1	26 20			n.a.
S 12	7 48	1 16	2 31	5 58	0 15	0 51	0 35	1 16	0 20	21 42	0 11	14 50	2 34	17 57	0 48	19 1	1 20	29 24	16 20	12 25	13 0	26 21			n.a.
S 13	7 26	5n14	1 24	4 58	0 4	0 19	0 33	0 59	0 19	21 43	0 11	14 51	2 34	17 58	0 48	19 1	1 20	29 24	16 20	12 24	12 59	26 22			n.a.
M14	7 3	11 34	0 10	3 58	0n 7	0n13	0 31	0 41	0 18	21 44	0 12	14 53	2 34	17 58	0 48	19 1	1 20	29 23	16 20	12 23	12 58	26 24			n.a.
T 15	6 40	17 23	1n 5	2 58	0 18	0 45	0 28	0 23	0 18	21 45	0 12	14 54	2 34	17 59	0 48	19 1	1 20	29 23	16 20	12 23	12 57	26 25			n.a.
W16	6 18	22 18	2 16	1 58	0 29	1 17	0 26	0 5	0 17	21 47	0 12	14 56	2 34	17 59	0 48	19 1	1 20	29 22	16 21	12 24	12 56	26 27			n.a.
T 17	5 55	25 57	3 20	0 58	0 41	1 48	0 23	0n12	0 16	21 48	0 12	14 57	2 34	18 0	0 48	19 1	1 20	29 22	16 21	12 24	12 54	26 28			n.a.
F 18	5 32	27 59	4 12	0n 1	0 52	2 20	0 21	0 30	0 16	21 49	0 12	14 59	2 34	18 0	0 48	19 1	1 20	29 22	16 21	12 24	12 53	26 29			n.a.
S 19	5 9	28 10	4 48	0 59	1 3	2 52	0 18	0 47	0 15	21 50	0 12	15 0	2 34	18 1	0 48	19 1	1 20	29 21	16 21	12 23	12 52	26 31			n.a.
S 20	4 46	26 31	5 6	1 55	1 13	3 24	0 16	1 5	0 15	21 52	0 12	15 2	2 34	18 2	0 48	19 1	1 20	29 21	16 21	12 22	12 51	26 32			n.a.
M21	4 23	23 13	5 6	2 51	1 24	3 55	0 13	1 22	0 14	21 53	0 12	15 3	2 34	18 2	0 48	19 1	1 20	29 21	16 21	12 20	12 50	26 34			n.a.
T 22	3 59	18 37	4 48	3 45	1 34	4 27	0 11	1 40	0 13	21 54	0 12	15 4	2 34	18 3	0 48	19 1	1 20	29 20	16 21	12 17	12 49	26 35			n.a.
W23	3 36	13 7	4 13	4 37	1 44	4 58	0 8	1 57	0 13	21 56	0 12	15 6	2 34	18 3	0 48	19 1	1 20	29 20	16 22	12 15	12 48	26 36			n.a.
T 24	3 13	7 5	3 25	5 27	1 53	5 29	0 5	2 15	0 12	21 57	0 12	15 7	2 34	18 4	0 48	19 0	1 20	29 20	16 22	12 13	12 47	26 38			n.a.
F 25	2 50	0 52	2 27	6 15	2 1	6 1	0 3	2 32	0 11	21 58	0 12	15 8	2 33	18 4	0 48	19 0	1 20	29 19	16 22	12 11	12 46	26 39			n.a.
S 26	2 27	5s15	1 22	7 0	2 10	6 32	0 0	2 50	0 11	22 0	0 13	15 10	2 33	18 5	0 48	19 0	1 20	29 19	16 22	12 10	12 45	26 40			n.a.
S 27	2 3	11 2	0 14	7 44	2 17	7 3	0n 3	3 7	0 10	22 1	0 13	15 11	2 33	18 5	0 48	19 0	1 20	29 19	16 22	12 10	12 43	26 42			n.a.
M28	1 40	16 16	0s53	8 25	2 24	7 33	0 5	3 24	0 10	22 3	0 13	15 12	2 33	18 6	0 48	19 0	1 20	29 19	16 22	12 10	12 42	26 43			n.a.
T 29	1 17	20 47	1 57	9 4	2 29	8 4	0 8	3 42	0 9	22 4	0 13	15 13	2 33	18 6	0 48	19 0	1 20	29 18	16 23	12 10	12 41	26 44			n.a.
W30	0 53	24 23	2 54	9 40	2 35	8 34	0 11	3 59	0 8	22 5	0 13	15 14	2 33	18 6	0 48	19 0	1 21	29 18	16 23	12 11	12 40	26 46			n.a.
T 31	0s30	26s55	3s44	10n14	2n39	9n 4	0n13	4n16	0s 8	22n 7	0n13	15n16	2n33	18n 7	0n48	19s 0	1n21	29s18	16s23	12n12	12n39	26s47			n.a.

Julian Day Number = 1304366.5, Delta T = 07h47m24s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'12, Lahiri = -19°43'12 Julian Calendar 1 March 1142 BCE == Greg. Calendar 18 Feb. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

APRIL 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 52 40	29♓44'05	28♐58	20♈48	23♈38	11♈36	7♊31	26°R29	12°R25	29°R 9	23♒24	1°R31	2♉46	17♐16	n.a.	F 1
S 2	11 56 36	0♈41'53	10♑54	21°57	24°51	12°17	7°40	26♌26	12♌23	29♏ 9	23°25	1♉31	2°43	17°22	n.a.	S 2
S 3	12 0 33	1°39'39	23° 0	23° 1	26° 4	12°59	7°48	26°23	12°22	29° 8	23°26	1°29	2°40	17°29	n.a.	S 3
M 4	12 4 29	2°37'24	5♒19	24° 0	27°17	13°40	7°57	26°19	12°21	29° 7	23°27	1°26	2°37	17°36	n.a.	M 4
T 5	12 8 26	3°35'08	17°56	24°55	28°30	14°21	8° 6	26°16	12°19	29° 7	23°29	1°22	2°33	17°42	n.a.	T 5
W 6	12 12 22	4°32'50	0♓52	25°46	29°42	15° 3	8°15	26°13	12°18	29° 6	23°30	1°18	2°30	17°49	n.a.	W 6
T 7	12 16 19	5°30'31	14° 9	26°32	0♉55	15°44	8°24	26°10	12°17	29° 5	23°31	1°14	2°27	17°56	n.a.	T 7
F 8	12 20 15	6°28'10	27°46	27°13	2° 8	16°25	8°33	26° 7	12°16	29° 4	23°32	1°11	2°24	18° 2	n.a.	F 8
S 9	12 24 12	7°25'48	11♈40	27°50	3°20	17° 7	8°42	26° 4	12°14	29° 4	23°33	1° 8	2°21	18° 9	n.a.	S 9
S 10	12 28 9	8°23'25	25°49	28°22	4°33	17°48	8°51	26° 1	12°13	29° 3	23°34	1°D 7	2°17	18°16	n.a.	S 10
M11	12 32 5	9°21'00	10♉ 8	28°49	5°46	18°29	9° 1	25°59	12°12	29° 2	23°35	1° 8	2°14	18°22	n.a.	M11
T 12	12 36 2	10°18'34	24°32	29°11	6°58	19°10	9°10	25°56	12°11	29° 1	23°37	1° 8	2°11	18°29	n.a.	T 12
W13	12 39 58	11°16'06	8♊56	29°28	8°10	19°51	9°20	25°53	12°10	29° 0	23°38	1°10	2° 8	18°36	n.a.	W13
T 14	12 43 55	12°13'37	23°18	29°41	9°23	20°32	9°29	25°51	12° 9	28°59	23°39	1°11	2° 5	18°42	n.a.	T 14
F 15	12 47 51	13°11'06	7♋34	29°48	10°35	21°13	9°39	25°49	12° 9	28°58	23°40	1°R12	2° 2	18°49	n.a.	F 15
S 16	12 51 48	14° 8'34	21°40	29°R51	11°48	21°54	9°49	25°46	12° 8	28°57	23°41	1°11	1°58	18°56	n.a.	S 16
S 17	12 55 44	15° 6'00	5♌37	29°50	13° 0	22°35	9°59	25°44	12° 7	28°56	23°42	1°11	1°55	19° 3	n.a.	S 17
M18	12 59 41	16° 3'25	19°22	29°43	14°12	23°16	10° 9	25°42	12° 6	28°55	23°43	1° 9	1°52	19° 9	n.a.	M18
T 19	13 3 38	17° 0'48	2♍54	29°33	15°24	23°56	10°19	25°40	12° 6	28°54	23°44	1° 7	1°49	19°16	n.a.	T 19
W20	13 7 34	17°58'10	16°13	29°18	16°36	24°37	10°30	25°38	12° 5	28°53	23°45	1° 6	1°46	19°23	n.a.	W20
T 21	13 11 31	18°55'31	29°18	28°59	17°49	25°18	10°40	25°36	12° 5	28°52	23°46	1° 4	1°43	19°29	n.a.	T 21
F 22	13 15 27	19°52'50	12♎ 8	28°37	19° 1	25°59	10°51	25°34	12° 4	28°50	23°47	1° 3	1°39	19°36	n.a.	F 22
S 23	13 19 24	20°50'09	24°45	28°12	20°13	26°39	11° 1	25°33	12° 4	28°49	23°47	1° 2	1°36	19°43	n.a.	S 23
S 24	13 23 20	21°47'26	7♏ 8	27°44	21°25	27°20	11°12	25°31	12° 3	28°48	23°48	1°D 2	1°33	19°49	n.a.	S 24
M25	13 27 17	22°44'43	19°20	27°14	22°37	28° 0	11°22	25°30	12° 3	28°47	23°49	1° 3	1°30	19°56	n.a.	M25
T 26	13 31 13	23°41'58	1♐22	26°42	23°48	28°41	11°33	25°28	12° 3	28°46	23°50	1° 4	1°27	20° 3	n.a.	T 26
W27	13 35 10	24°39'14	13°17	26° 9	25° 0	29°21	11°44	25°27	12° 2	28°44	23°51	1° 4	1°23	20° 9	n.a.	W27
T 28	13 39 7	25°36'28	25° 9	25°35	26°12	0♉ 2	11°55	25°26	12° 2	28°43	23°52	1° 5	1°20	20°16	n.a.	T 28
F 29	13 43 3	26°33'42	7♑ 0	25° 2	27°24	0°42	12° 6	25°25	12° 2	28°42	23°53	1° 5	1°17	20°23	n.a.	F 29
S 30	13 47 0	27♈30'55	18♑57	24♈29	28♉35	1♉23	12♊17	25♌24	12♌ 2	28♏41	23♒53	1♉ 6	1♉14	20♐29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 6	28s14	4s24	10n45	2n42	9n34	0n16	4n33	0s 7	22n 8	0n13	15n17	2n33	18n 7	0n48	18s59	1n21	29s17	16s23	12n12	12n38	26s48		n.a.
S 2	0n17	28 15	4 53	11 14	2 45	10 4	0 19	4 50	0 6	22 10	0 13	15 18	2 33	18 8	0 48	18 59	1 21	29 17	16 24	12 12	12 37	26 50		n.a.
S 3	0 40	26 55	5 9	11 40	2 47	10 34	0 22	5 7	0 6	22 11	0 13	15 19	2 33	18 8	0 48	18 59	1 21	29 17	16 24	12 11	12 36	26 51		n.a.
M 4	1 4	24 17	5 12	12 3	2 48	11 3	0 24	5 24	0 5	22 13	0 13	15 20	2 32	18 8	0 48	18 59	1 21	29 17	16 24	12 10	12 35	26 52		n.a.
T 5	1 27	20 27	5 0	12 24	2 48	11 32	0 27	5 41	0 5	22 14	0 13	15 21	2 32	18 9	0 48	18 59	1 21	29 17	16 24	12 9	12 34	26 53		n.a.
W 6	1 50	15 34	4 32	12 42	2 46	12 1	0 30	5 58	0 4	22 16	0 13	15 22	2 32	18 9	0 48	18 58	1 21	29 16	16 24	12 7	12 32	26 55		n.a.
T 7	2 13	9 51	3 50	12 57	2 44	12 29	0 32	6 14	0 3	22 17	0 14	15 23	2 32	18 9	0 48	18 58	1 21	29 16	16 25	12 6	12 31	26 56		n.a.
F 8	2 37	3 32	2 53	13 9	2 41	12 57	0 35	6 31	0 3	22 19	0 14	15 24	2 32	18 10	0 48	18 58	1 21	29 16	16 25	12 4	12 30	26 57		n.a.
S 9	3 0	3n 5	1 45	13 19	2 37	13 25	0 38	6 48	0 2	22 20	0 14	15 25	2 32	18 10	0 48	18 58	1 21	29 16	16 25	12 4	12 29	26 58		n.a.
S 10	3 23	9 41	0 29	13 26	2 32	13 53	0 41	7 4	0 2	22 22	0 14	15 25	2 32	18 10	0 48	18 58	1 21	29 16	16 25	12 3	12 28	27 0		n.a.
M11	3 46	15 53	0n49	13 30	2 26	14 20	0 43	7 21	0 1	22 24	0 14	15 26	2 32	18 11	0 47	18 57	1 21	29 16	16 26	12 3	12 27	27 1		n.a.
T 12	4 9	21 14	2 5	13 31	2 19	14 47	0 46	7 37	0 0	22 25	0 14	15 27	2 31	18 11	0 47	18 57	1 21	29 15	16 26	12 4	12 26	27 2		n.a.
W13	4 32	25 20	3 14	13 29	2 10	15 14	0 49	7 53	0n 0	22 27	0 14	15 28	2 31	18 11	0 47	18 57	1 21	29 15	16 26	12 4	12 25	27 3		n.a.
T 14	4 55	27 49	4 9	13 25	2 1	15 40	0 51	8 10	0 1	22 28	0 14	15 28	2 31	18 11	0 47	18 57	1 21	29 15	16 27	12 5	12 24	27 4		n.a.
F 15	5 17	28 25	4 49	13 18	1 51	16 5	0 54	8 26	0 1	22 30	0 14	15 29	2 31	18 11	0 47	18 56	1 21	29 15	16 27	12 5	12 22	27 6		n.a.
S 16	5 40	27 10	5 11	13 9	1 39	16 31	0 56	8 42	0 2	22 31	0 14	15 30	2 31	18 12	0 47	18 56	1 21	29 15	16 27	12 5	12 21	27 7		n.a.
S 17	6 3	24 15	5 15	12 57	1 27	16 56	0 59	8 58	0 3	22 33	0 14	15 30	2 31	18 12	0 47	18 56	1 21	29 15	16 27	12 4	12 20	27 8		n.a.
M18	6 25	19 59	5 0	12 42	1 14	17 20	1 1	9 14	0 3	22 35	0 14	15 31	2 30	18 12	0 47	18 56	1 21	29 15	16 28	12 4	12 19	27 9		n.a.
T 19	6 47	14 46	4 29	12 25	1 0	17 44	1 4	9 30	0 4	22 36	0 15	15 32	2 30	18 12	0 47	18 55	1 21	29 15	16 28	12 3	12 18	27 10		n.a.
W20	7 10	8 56	3 43	12 6	0 45	18 8	1 6	9 46	0 4	22 38	0 15	15 32	2 30	18 12	0 47	18 55	1 21	29 15	16 28	12 3	12 17	27 12		n.a.
T 21	7 32	2 50	2 47	11 45	0 29	18 31	1 9	10 1	0 5	22 39	0 15	15 33	2 30	18 12	0 47	18 55	1 21	29 14	16 29	12 2	12 16	27 13		n.a.
F 22	7 54	3s18	1 43	11 22	0 13	18 54	1 11	10 17	0 6	22 41	0 15	15 33	2 30	18 12	0 47	18 55	1 21	29 14	16 29	12 2	12 15	27 14		n.a.
S 23	8 16	9 12	0 35	10 57	0s 3	19 16	1 14	10 32	0 6	22 43	0 15	15 33	2 30	18 13	0 47	18 54	1 21	29 14	16 29	12 2	12 13	27 15		n.a.
S 24	8 38	14 39	0s34	10 31	0 20	19 38	1 16	10 48	0 7	22 44	0 15	15 34	2 29	18 13	0 47	18 54	1 21	29 14	16 29	12 2	12 12	27 16		n.a.
M25	8 59	19 27	1 40	10 4	0 37	19 59	1 18	11 3	0 7	22 46	0 15	15 34	2 29	18 13	0 47	18 54	1 21	29 14	16 30	12 2	12 11	27 17		n.a.
T 26	9 21	23 23	2 40	9 37	0 54	20 20	1 21	11 18	0 8	22 47	0 15	15 34	2 29	18 13	0 47	18 54	1 21	29 14	16 30	12 2	12 10	27 18		n.a.
W27	9 42	26 18	3 33	9 9	1 11	20 40	1 23	11 34	0 9	22 49	0 15	15 35	2 29	18 13	0 47	18 53	1 21	29 14	16 30	12 2	12 9	27 19		n.a.
T 28	10 3	28 1	4 17	8 41	1 28	21 0	1 25	11 49	0 9	22 50	0 15	15 35	2 29	18 13	0 47	18 53	1 21	29 14	16 31	12 2	12 8	27 21		n.a.
F 29	10 25	28 28	4 50	8 14	1 44	21 19	1 27	12 3	0 10	22 52	0 15	15 35	2 28	18 13	0 47	18 53	1 21	29 14	16 31	12 3	12 7	27 22		n.a.
S 30	10n46	27s35	5s10	7n47	2s 0	21n37	1n29	12n18	0n10	22n54	0n15	15n35	2n28	18n13	0n47	18s52	1n21	29s14	16s31	12n 3	12n 6	27s23		n.a.

Julian Day Number = 1304397.5, Delta T = 07h47m23s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'08, Lahiri = -19°43'08 Julian Calendar 1 Apr. 1142 BCE == Greg. Calendar 21 March 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

MAY 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 56	28♈28'08	1♒ 2	23°R57	29♉47	2♉ 3	12♊28	25°R23	12°D 2	28°R39	23♒54	1°R 6	1♉11	20♐36	n.a.	S 1
M 2	13 54 53	29°25'20	13°20	23♈27	0♊59	2°43	12°39	25♌22	12♌ 2	28♏38	23°55	1♉ 6	1° 8	20°43	n.a.	M 2
T 3	13 58 49	0♉22'32	25°57	22°59	2°10	3°24	12°51	25°21	12° 2	28°37	23°56	1° 5	1° 4	20°50	n.a.	T 3
W 4	14 2 46	1°19'44	8♓54	22°33	3°22	4° 4	13° 2	25°21	12° 2	28°35	23°56	1°D 5	1° 1	20°56	n.a.	W 4
T 5	14 6 43	2°16'55	22°15	22°11	4°33	4°44	13°14	25°20	12° 2	28°34	23°57	1° 5	0°58	21° 3	n.a.	T 5
F 6	14 10 39	3°14'05	6♈ 0	21°52	5°45	5°24	13°25	25°20	12° 3	28°32	23°58	1° 6	0°55	21°10	n.a.	F 6
S 7	14 14 36	4°11'15	20° 8	21°37	6°56	6° 4	13°37	25°19	12° 3	28°31	23°58	1° 6	0°52	21°16	n.a.	S 7
S 8	14 18 32	5° 8'25	4♉36	21°26	8° 7	6°44	13°48	25°19	12° 3	28°29	23°59	1°R 6	0°49	21°23	n.a.	S 8
M 9	14 22 29	6° 5'34	19°18	21°19	9°18	7°24	14° 0	25°19	12° 4	28°28	23°59	1° 6	0°45	21°30	n.a.	M 9
T 10	14 26 25	7° 2'43	4♊ 8	21°D17	10°30	8° 4	14°12	25°D19	12° 4	28°27	24° 0	1° 5	0°42	21°36	n.a.	T 10
W11	14 30 22	7°59'51	18°57	21°19	11°41	8°44	14°24	25°19	12° 5	28°25	24° 1	1° 5	0°39	21°43	n.a.	W11
T 12	14 34 18	8°56'59	3♋40	21°25	12°52	9°24	14°35	25°19	12° 5	28°24	24° 1	1° 4	0°36	21°50	n.a.	T 12
F 13	14 38 15	9°54'06	18° 9	21°37	14° 3	10° 4	14°47	25°19	12° 6	28°22	24° 2	1° 3	0°33	21°56	n.a.	F 13
S 14	14 42 12	10°51'12	2♌22	21°52	15°14	10°44	14°59	25°20	12° 7	28°21	24° 2	1° 3	0°29	22° 3	n.a.	S 14
S 15	14 46 8	11°48'18	16°16	22°13	16°25	11°24	15°11	25°20	12° 7	28°19	24° 3	1°D 2	0°26	22°10	n.a.	S 15
M16	14 50 5	12°45'23	29°51	22°38	17°36	12° 4	15°23	25°21	12° 8	28°17	24° 3	1° 3	0°23	22°17	n.a.	M16
T 17	14 54 1	13°42'27	13♍ 7	23° 8	18°46	12°44	15°36	25°21	12° 9	28°16	24° 4	1° 4	0°20	22°23	n.a.	T 17
W18	14 57 58	14°39'31	26° 6	23°42	19°57	13°23	15°48	25°22	12°10	28°14	24° 4	1° 5	0°17	22°30	n.a.	W18
T 19	15 1 54	15°36'35	8♎50	24°21	21° 8	14° 3	16° 0	25°23	12°11	28°13	24° 4	1° 6	0°14	22°37	n.a.	T 19
F 20	15 5 51	16°33'38	21°21	25° 4	22°18	14°43	16°12	25°24	12°12	28°11	24° 5	1° 7	0°10	22°43	n.a.	F 20
S 21	15 9 47	17°30'41	3♏41	25°51	23°29	15°22	16°25	25°25	12°13	28°10	24° 5	1°R 7	0° 7	22°50	n.a.	S 21
S 22	15 13 44	18°27'44	15°51	26°43	24°39	16° 2	16°37	25°26	12°14	28° 8	24° 5	1° 6	0° 4	22°57	n.a.	S 22
M23	15 17 41	19°24'47	27°53	27°39	25°50	16°41	16°49	25°27	12°15	28° 6	24° 6	1° 5	0° 1	23° 3	n.a.	M23
T 24	15 21 37	20°21'50	9♐50	28°39	27° 0	17°21	17° 2	25°29	12°16	28° 5	24° 6	1° 3	29♈58	23°10	n.a.	T 24
W25	15 25 34	21°18'54	21°42	29°44	28°10	18° 0	17°14	25°30	12°17	28° 3	24° 6	1° 0	29°54	23°17	n.a.	W25
T 26	15 29 30	22°15'57	3♑33	0♉52	29°20	18°40	17°27	25°32	12°19	28° 2	24° 6	0°56	29°51	23°24	n.a.	T 26
F 27	15 33 27	23°13'01	15°25	2° 5	0♋30	19°19	17°40	25°33	12°20	28° 0	24° 7	0°53	29°48	23°30	n.a.	F 27
S 28	15 37 23	24°10'05	27°22	3°21	1°40	19°59	17°52	25°35	12°21	27°58	24° 7	0°50	29°45	23°37	n.a.	S 28
S 29	15 41 20	25° 7'10	9♒26	4°41	2°50	20°38	18° 5	25°37	12°23	27°57	24° 7	0°48	29°42	23°44	n.a.	S 29
M30	15 45 17	26° 4'15	21°43	6° 5	4° 0	21°18	18°18	25°39	12°24	27°55	24° 7	0°D47	29°39	23°50	n.a.	M30
T 31	15 49 13	27♉ 1'20	4♓16	7♉33	5♋10	21♉57	18♊30	25♌41	12♌26	27♏54	24♒ 7	0♉47	29♈35	23♐57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n 6	25s24	5s17	7n21	2s15	21n55	1n31	12n33	0n11	22n55	0n15	15n35	2n28	18n13	0n47	18s52	1n21	29s14	16s32	12n 3	12n 5	27s24			n.a.
M 2	11 27	22 2	5 10	6 57	2 29	22 13	1 33	12 48	0 11	22 57	0 16	15 36	2 28	18 13	0 47	18 52	1 21	29 14	16 32	12 3	12 3	27 25			n.a.
T 3	11 47	17 35	4 48	6 34	2 42	22 29	1 35	13 2	0 12	22 58	0 16	15 36	2 28	18 13	0 47	18 51	1 21	29 15	16 32	12 3	12 2	27 26			n.a.
W 4	12 8	12 13	4 11	6 14	2 54	22 45	1 37	13 17	0 13	23 0	0 16	15 36	2 28	18 13	0 47	18 51	1 21	29 15	16 33	12 3	12 1	27 27			n.a.
T 5	12 28	6 10	3 19	5 55	3 5	23 1	1 39	13 31	0 13	23 1	0 16	15 36	2 27	18 12	0 47	18 51	1 21	29 15	16 33	12 3	12 0	27 28			n.a.
F 6	12 48	0n22	2 15	5 39	3 15	23 16	1 41	13 45	0 14	23 3	0 16	15 36	2 27	18 12	0 47	18 50	1 21	29 15	16 33	12 3	11 59	27 29			n.a.
S 7	13 7	7 4	1 0	5 25	3 24	23 30	1 42	13 59	0 14	23 4	0 16	15 35	2 27	18 12	0 47	18 50	1 21	29 15	16 34	12 3	11 58	27 30			n.a.
S 8	13 27	13 34	0n19	5 14	3 31	23 44	1 44	14 13	0 15	23 6	0 16	15 35	2 27	18 12	0 46	18 50	1 21	29 15	16 34	12 3	11 57	27 31			n.a.
M 9	13 46	19 26	1 39	5 6	3 37	23 57	1 45	14 27	0 15	23 7	0 16	15 35	2 27	18 12	0 46	18 49	1 21	29 15	16 34	12 3	11 56	27 32			n.a.
T 10	14 5	24 9	2 53	5 0	3 42	24 9	1 47	14 41	0 16	23 9	0 16	15 35	2 26	18 12	0 46	18 49	1 21	29 15	16 35	12 3	11 54	27 33			n.a.
W11	14 24	27 16	3 55	4 57	3 46	24 21	1 48	14 55	0 17	23 10	0 16	15 35	2 26	18 12	0 46	18 49	1 21	29 15	16 35	12 2	11 53	27 34			n.a.
T 12	14 43	28 28	4 41	4 57	3 49	24 32	1 50	15 8	0 17	23 12	0 16	15 35	2 26	18 11	0 46	18 48	1 21	29 15	16 36	12 2	11 52	27 35			n.a.
F 13	15 1	27 40	5 9	5 0	3 50	24 42	1 51	15 21	0 18	23 13	0 16	15 34	2 26	18 11	0 46	18 48	1 21	29 16	16 36	12 2	11 51	27 36			n.a.
S 14	15 20	25 5	5 17	5 6	3 51	24 52	1 52	15 35	0 18	23 15	0 17	15 34	2 25	18 11	0 46	18 48	1 21	29 16	16 36	12 2	11 50	27 37			n.a.
S 15	15 38	21 4	5 6	5 14	3 50	25 0	1 53	15 48	0 19	23 16	0 17	15 34	2 25	18 11	0 46	18 47	1 21	29 16	16 37	12 2	11 49	27 38			n.a.
M16	15 55	16 2	4 38	5 25	3 48	25 9	1 54	16 1	0 19	23 18	0 17	15 33	2 25	18 10	0 46	18 47	1 21	29 16	16 37	12 2	11 48	27 39			n.a.
T 17	16 13	10 21	3 55	5 39	3 46	25 16	1 55	16 14	0 20	23 19	0 17	15 33	2 25	18 10	0 46	18 47	1 21	29 16	16 37	12 2	11 46	27 40			n.a.
W18	16 30	4 21	3 2	5 55	3 42	25 23	1 56	16 26	0 21	23 20	0 17	15 32	2 25	18 10	0 46	18 46	1 21	29 16	16 38	12 2	11 45	27 41			n.a.
T 19	16 47	1s43	2 0	6 13	3 38	25 29	1 57	16 39	0 21	23 22	0 17	15 32	2 24	18 10	0 46	18 46	1 21	29 17	16 38	12 3	11 44	27 42			n.a.
F 20	17 4	7 38	0 54	6 34	3 32	25 34	1 58	16 52	0 22	23 23	0 17	15 31	2 24	18 9	0 46	18 46	1 21	29 17	16 38	12 3	11 43	27 43			n.a.
S 21	17 20	13 10	0s14	6 57	3 26	25 39	1 59	17 4	0 22	23 25	0 17	15 31	2 24	18 9	0 46	18 45	1 21	29 17	16 39	12 3	11 42	27 44			n.a.
S 22	17 36	18 8	1 20	7 22	3 19	25 43	1 59	17 16	0 23	23 26	0 17	15 30	2 24	18 9	0 46	18 45	1 21	29 17	16 39	12 3	11 41	27 45			n.a.
M23	17 52	22 19	2 22	7 50	3 12	25 46	2 0	17 28	0 23	23 27	0 17	15 30	2 24	18 8	0 46	18 45	1 21	29 18	16 40	12 2	11 40	27 45			n.a.
T 24	18 8	25 32	3 17	8 19	3 4	25 48	2 0	17 40	0 24	23 29	0 17	15 29	2 23	18 8	0 46	18 44	1 21	29 18	16 40	12 2	11 39	27 46			n.a.
W25	18 23	27 37	4 4	8 50	2 55	25 50	2 0	17 52	0 24	23 30	0 17	15 28	2 23	18 7	0 46	18 44	1 21	29 18	16 40	12 1	11 37	27 47			n.a.
T 26	18 38	28 26	4 39	9 23	2 46	25 51	2 1	18 4	0 25	23 31	0 18	15 28	2 23	18 7	0 46	18 44	1 21	29 18	16 41	11 59	11 36	27 48			n.a.
F 27	18 53	27 56	5 3	9 58	2 36	25 51	2 1	18 15	0 25	23 33	0 18	15 27	2 23	18 7	0 46	18 43	1 21	29 19	16 41	11 58	11 35	27 49			n.a.
S 28	19 7	26 9	5 13	10 34	2 25	25 50	2 1	18 27	0 26	23 34	0 18	15 26	2 23	18 6	0 46	18 43	1 21	29 19	16 41	11 57	11 34	27 50			n.a.
S 29	19 21	23 10	5 10	11 11	2 15	25 49	2 1	18 38	0 27	23 35	0 18	15 25	2 22	18 6	0 46	18 42	1 21	29 19	16 42	11 56	11 33	27 51			n.a.
M30	19 35	19 7	4 53	11 50	2 3	25 47	2 1	18 49	0 27	23 36	0 18	15 24	2 22	18 5	0 46	18 42	1 21	29 19	16 42	11 56	11 32	27 52			n.a.
T 31	19n49	14s10	4s22	12n30	1s52	25n44	2n 1	19n 0	0n28	23n37	0n18	15n23	2n22	18n 5	0n46	18s42	1n21	29s20	16s43	11n56	11n31	27s52			n.a.

Julian Day Number = 1304427.5, Delta T = 07h47m21s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'04, Lahiri = -19°43'04 Julian Calendar 1 May 1142 BCE == Greg. Calendar 20 Apr. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

JUNE 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 53 10	27♉58'26	17♓ 9	9♉ 5	6♋20	22♉36	18♊43	25♌43	12♌27	27°R52	24♒ 7	0♉48	29♈32	24♐ 4	n.a.	W 1
T 2	15 57 6	28°55'32	0♈27	10°40	7°29	23°15	18°56	25°45	12°29	27♏50	24° 7	0°50	29°29	24°10	n.a.	T 2
F 3	16 1 3	29°52'39	14°10	12°19	8°39	23°55	19° 9	25°47	12°31	27°49	24° 8	0°51	29°26	24°17	n.a.	F 3
S 4	16 4 59	0♊49'47	28°21	14° 1	9°48	24°34	19°22	25°50	12°33	27°47	24° 8	0°R52	29°23	24°24	n.a.	S 4
S 5	16 8 56	1°46'55	12♉56	15°47	10°58	25°13	19°35	25°52	12°34	27°45	24°R 8	0°51	29°20	24°30	n.a.	S 5
M 6	16 12 52	2°44'04	27°51	17°36	12° 7	25°52	19°47	25°55	12°36	27°44	24° 8	0°49	29°16	24°37	n.a.	M 6
T 7	16 16 49	3°41'14	12♊58	19°28	13°16	26°31	20° 0	25°57	12°38	27°42	24° 8	0°46	29°13	24°44	n.a.	T 7
W 8	16 20 46	4°38'24	28° 8	21°22	14°25	27°11	20°13	26° 0	12°40	27°41	24° 7	0°42	29°10	24°51	n.a.	W 8
T 9	16 24 42	5°35'35	13♋11	23°19	15°35	27°50	20°26	26° 3	12°42	27°39	24° 7	0°37	29° 7	24°57	n.a.	T 9
F 10	16 28 39	6°32'45	27°58	25°19	16°43	28°29	20°39	26° 6	12°44	27°37	24° 7	0°32	29° 4	25° 4	n.a.	F 10
S 11	16 32 35	7°29'57	12♌23	27°20	17°52	29° 8	20°52	26° 9	12°46	27°36	24° 7	0°29	29° 0	25°11	n.a.	S 11
S 12	16 36 32	8°27'08	26°22	29°23	19° 1	29°47	21° 5	26°12	12°48	27°34	24° 7	0°27	28°57	25°17	n.a.	S 12
M13	16 40 28	9°24'20	9♍56	1♊28	20°10	0♊26	21°19	26°15	12°50	27°33	24° 7	0°D26	28°54	25°24	n.a.	M13
T 14	16 44 25	10°21'32	23° 6	3°33	21°18	1° 5	21°32	26°19	12°52	27°31	24° 7	0°27	28°51	25°31	n.a.	T 14
W15	16 48 22	11°18'45	5♎55	5°40	22°27	1°44	21°45	26°22	12°55	27°30	24° 7	0°28	28°48	25°38	n.a.	W15
T 16	16 52 18	12°15'58	18°26	7°47	23°35	2°22	21°58	26°25	12°57	27°28	24° 6	0°29	28°45	25°44	n.a.	T 16
F 17	16 56 15	13°13'12	0♏43	9°54	24°43	3° 1	22°11	26°29	12°59	27°26	24° 6	0°R30	28°41	25°51	n.a.	F 17
S 18	17 0 11	14°10'26	12°50	12° 1	25°51	3°40	22°24	26°32	13° 2	27°25	24° 6	0°29	28°38	25°58	n.a.	S 18
S 19	17 4 8	15° 7'41	24°50	14° 8	26°59	4°19	22°37	26°36	13° 4	27°23	24° 5	0°26	28°35	26° 4	n.a.	S 19
M20	17 8 4	16° 4'57	6♐45	16°14	28° 7	4°58	22°51	26°40	13° 6	27°22	24° 5	0°21	28°32	26°11	n.a.	M20
T 21	17 12 1	17° 2'14	18°37	18°19	29°15	5°36	23° 4	26°44	13° 9	27°20	24° 5	0°15	28°29	26°18	n.a.	T 21
W22	17 15 57	17°59'32	0♑28	20°24	0♌22	6°15	23°17	26°48	13°11	27°19	24° 4	0° 6	28°26	26°24	n.a.	W22
T 23	17 19 54	18°56'51	12°20	22°27	1°30	6°54	23°30	26°52	13°14	27°17	24° 4	29♈57	28°22	26°31	n.a.	T 23
F 24	17 23 51	19°54'12	24°15	24°29	2°37	7°33	23°43	26°56	13°17	27°16	24° 4	29°48	28°19	26°38	n.a.	F 24
S 25	17 27 47	20°51'33	6♒14	26°30	3°44	8°11	23°57	27° 0	13°19	27°14	24° 3	29°40	28°16	26°45	n.a.	S 25
S 26	17 31 44	21°48'56	18°21	28°30	4°51	8°50	24°10	27° 4	13°22	27°13	24° 3	29°33	28°13	26°51	n.a.	S 26
M27	17 35 40	22°46'19	0♓38	0♋28	5°58	9°28	24°23	27° 8	13°25	27°12	24° 2	29°29	28°10	26°58	n.a.	M27
T 28	17 39 37	23°43'45	13°10	2°25	7° 5	10° 7	24°36	27°13	13°27	27°10	24° 2	29°26	28° 6	27° 5	n.a.	T 28
W29	17 43 33	24°41'11	25°59	4°20	8°12	10°46	24°49	27°17	13°30	27° 9	24° 1	29°D26	28° 3	27°11	n.a.	W29
T 30	17 47 30	25♊38'40	9♈10	6♋14	9♌18	11♊24	25♊ 3	27♌22	13♌33	27♏ 7	24♒ 1	29♈26	28♈ 0	27♐18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 2	8s28	3s37	13n11	1s40	25n41	2n 0	19n11	0n28	23n39	0n18	15n23	2n22	18n 4	0n46	18s41	1n21	29s20	16s43	11n57	11n29	27s53		n.a.
T 2	20 15	2 15	2 39	13 52	1 28	25 37	2 0	19 21	0 29	23 40	0 18	15 22	2 22	18 4	0 45	18 41	1 21	29 20	16 43	11 57	11 28	27 54		n.a.
F 3	20 27	4n18	1 30	14 35	1 16	25 32	1 59	19 32	0 29	23 41	0 18	15 21	2 21	18 3	0 45	18 41	1 21	29 21	16 44	11 58	11 27	27 55		n.a.
S 4	20 40	10 51	0 14	15 18	1 4	25 26	1 59	19 42	0 30	23 42	0 18	15 20	2 21	18 3	0 45	18 40	1 21	29 21	16 44	11 58	11 26	27 56		n.a.
S 5	20 51	17 1	1n 6	16 1	0 52	25 20	1 58	19 52	0 30	23 43	0 18	15 19	2 21	18 2	0 45	18 40	1 21	29 21	16 44	11 58	11 25	27 56		n.a.
M 6	21 3	22 19	2 22	16 44	0 39	25 13	1 57	20 2	0 31	23 44	0 18	15 17	2 21	18 2	0 45	18 40	1 21	29 22	16 45	11 57	11 24	27 57		n.a.
T 7	21 14	26 12	3 30	17 27	0 27	25 5	1 56	20 12	0 31	23 45	0 19	15 16	2 21	18 1	0 45	18 39	1 21	29 22	16 45	11 56	11 23	27 58		n.a.
W 8	21 25	28 12	4 23	18 9	0 15	24 57	1 55	20 22	0 32	23 47	0 19	15 15	2 20	18 0	0 45	18 39	1 21	29 22	16 46	11 54	11 21	27 59		n.a.
T 9	21 35	28 5	4 57	18 51	0 4	24 48	1 54	20 32	0 32	23 48	0 19	15 14	2 20	18 0	0 45	18 39	1 21	29 23	16 46	11 52	11 20	28 0		n.a.
F 10	21 45	25 59	5 11	19 32	0n 8	24 38	1 53	20 41	0 33	23 49	0 19	15 13	2 20	17 59	0 45	18 38	1 21	29 23	16 46	11 51	11 19	28 0		n.a.
S 11	21 55	22 13	5 4	20 11	0 19	24 28	1 52	20 50	0 33	23 50	0 19	15 12	2 20	17 59	0 45	18 38	1 21	29 24	16 47	11 50	11 18	28 1		n.a.
S 12	22 5	17 18	4 40	20 49	0 29	24 17	1 50	20 59	0 34	23 51	0 19	15 10	2 20	17 58	0 45	18 37	1 21	29 24	16 47	11 49	11 17	28 2		n.a.
M13	22 13	11 40	4 0	21 26	0 39	24 5	1 49	21 8	0 34	23 52	0 19	15 9	2 19	17 57	0 45	18 37	1 21	29 24	16 47	11 49	11 16	28 3		n.a.
T 14	22 22	5 40	3 9	22 0	0 49	23 53	1 47	21 17	0 35	23 53	0 19	15 8	2 19	17 57	0 45	18 37	1 21	29 25	16 48	11 49	11 15	28 3		n.a.
W15	22 30	0s25	2 9	22 33	0 58	23 40	1 45	21 25	0 35	23 54	0 19	15 6	2 19	17 56	0 45	18 36	1 21	29 25	16 48	11 49	11 13	28 4		n.a.
T 16	22 38	6 20	1 5	23 3	1 6	23 26	1 44	21 34	0 36	23 54	0 19	15 5	2 19	17 55	0 45	18 36	1 21	29 26	16 49	11 50	11 12	28 5		n.a.
F 17	22 46	11 56	0s 1	23 31	1 13	23 12	1 42	21 42	0 36	23 55	0 19	15 4	2 19	17 55	0 45	18 36	1 21	29 26	16 49	11 50	11 11	28 5		n.a.
S 18	22 53	17 0	1 6	23 56	1 20	22 57	1 39	21 50	0 37	23 56	0 20	15 2	2 19	17 54	0 45	18 35	1 21	29 26	16 49	11 50	11 10	28 6		n.a.
S 19	22 59	21 21	2 8	24 18	1 26	22 42	1 37	21 58	0 38	23 57	0 20	15 1	2 18	17 53	0 45	18 35	1 21	29 27	16 50	11 49	11 9	28 7		n.a.
M20	23 5	24 48	3 3	24 38	1 32	22 26	1 35	22 6	0 38	23 58	0 20	14 59	2 18	17 52	0 45	18 35	1 21	29 27	16 50	11 47	11 8	28 7		n.a.
T 21	23 11	27 9	3 50	24 55	1 37	22 9	1 33	22 13	0 39	23 59	0 20	14 58	2 18	17 52	0 45	18 34	1 21	29 28	16 50	11 45	11 7	28 8		n.a.
W22	23 17	28 17	4 27	25 9	1 41	21 52	1 30	22 21	0 39	23 59	0 20	14 56	2 18	17 51	0 45	18 34	1 21	29 28	16 51	11 42	11 5	28 9		n.a.
T 23	23 22	28 6	4 52	25 20	1 44	21 35	1 28	22 28	0 40	24 0	0 20	14 55	2 18	17 50	0 45	18 34	1 21	29 29	16 51	11 38	11 4	28 9		n.a.
F 24	23 26	26 37	5 5	25 29	1 46	21 16	1 25	22 35	0 40	24 1	0 20	14 53	2 18	17 49	0 45	18 34	1 21	29 29	16 51	11 35	11 3	28 10		n.a.
S 25	23 31	23 55	5 4	25 35	1 48	20 58	1 22	22 42	0 41	24 2	0 20	14 52	2 17	17 49	0 45	18 33	1 21	29 30	16 52	11 32	11 2	28 11		n.a.
S 26	23 34	20 10	4 50	25 39	1 49	20 39	1 19	22 49	0 41	24 2	0 20	14 50	2 17	17 48	0 45	18 33	1 21	29 30	16 52	11 30	11 1	28 11		n.a.
M27	23 38	15 30	4 22	25 40	1 50	20 19	1 16	22 55	0 42	24 3	0 20	14 48	2 17	17 47	0 45	18 33	1 21	29 31	16 52	11 28	11 0	28 12		n.a.
T 28	23 41	10 8	3 42	25 39	1 50	19 59	1 13	23 2	0 42	24 4	0 21	14 47	2 17	17 46	0 45	18 32	1 21	29 31	16 53	11 27	10 58	28 13		n.a.
W29	23 43	4 12	2 49	25 35	1 49	19 38	1 10	23 8	0 43	24 4	0 21	14 45	2 17	17 45	0 45	18 32	1 21	29 32	16 53	11 27	10 57	28 13		n.a.
T 30	23n46	2n 4	1s46	25n29	1n48	19n17	1n 6	23n14	0n43	24n 5	0n21	14n43	2n17	17n44	0n45	18s32	1n21	29s32	16s53	11n27	10n56	28s14		n.a.

Julian Day Number = 1304458.5, Delta T = 07h47m20s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°50'00, Lahiri = -19°42'59 Julian Calendar 1 June 1142 BCE == Greg. Calendar 21 May 1142 BCE

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

JULY 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 51 27	26♊36'09	22♈46	8♋ 6	10♌24	12♊ 3	25♊16	27♌26	13♌36	27°R 6	24°R 0	29°R27	27♈57	27♐25	n.a.	F 1
S 2	17 55 23	27°33'41	6♉49	9°56	11°31	12°41	25°29	27°31	13°39	27♏ 5	24♒ 0	29♈27	27°54	27°31	n.a.	S 2
S 3	17 59 20	28°31'14	21°19	11°46	12°37	13°20	25°42	27°36	13°42	27° 3	23°59	29°25	27°51	27°38	n.a.	S 3
M 4	18 3 16	29°28'48	6♊12	13°33	13°42	13°58	25°56	27°41	13°45	27° 2	23°59	29°21	27°47	27°45	n.a.	M 4
T 5	18 7 13	0♋26'24	21°22	15°19	14°48	14°37	26° 9	27°45	13°48	27° 1	23°58	29°15	27°44	27°52	n.a.	T 5
W 6	18 11 9	1°24'02	6♋40	17° 4	15°54	15°15	26°22	27°50	13°51	26°59	23°57	29° 6	27°41	27°58	n.a.	W 6
T 7	18 15 6	2°21'41	21°54	18°47	16°59	15°54	26°35	27°55	13°54	26°58	23°57	28°57	27°38	28° 5	n.a.	T 7
F 8	18 19 2	3°19'21	6♌54	20°29	18° 4	16°32	26°48	28° 0	13°57	26°57	23°56	28°48	27°35	28°12	n.a.	F 8
S 9	18 22 59	4°17'02	21°30	22° 9	19° 9	17°10	27° 2	28° 6	14° 0	26°56	23°55	28°40	27°32	28°18	n.a.	S 9
S 10	18 26 56	5°14'45	5♍39	23°47	20°14	17°49	27°15	28°11	14° 3	26°55	23°55	28°35	27°28	28°25	n.a.	S 10
M11	18 30 52	6°12'28	19°18	25°25	21°18	18°27	27°28	28°16	14° 6	26°53	23°54	28°31	27°25	28°32	n.a.	M11
T 12	18 34 49	7°10'13	2♎30	27° 0	22°23	19° 5	27°41	28°21	14° 9	26°52	23°53	28°D30	27°22	28°39	n.a.	T 12
W13	18 38 45	8° 8'00	15°16	28°35	23°27	19°43	27°54	28°27	14°13	26°51	23°52	28°30	27°19	28°45	n.a.	W13
T 14	18 42 42	9° 5'47	27°43	0♌ 8	24°31	20°22	28° 7	28°32	14°16	26°50	23°52	28°R31	27°16	28°52	n.a.	T 14
F 15	18 46 38	10° 3'36	9♏54	1°39	25°34	21° 0	28°20	28°38	14°19	26°49	23°51	28°30	27°12	28°59	n.a.	F 15
S 16	18 50 35	11° 1'27	21°54	3° 9	26°38	21°38	28°33	28°43	14°23	26°48	23°50	28°28	27° 9	29° 5	n.a.	S 16
S 17	18 54 31	11°59'18	3♐48	4°37	27°41	22°16	28°46	28°49	14°26	26°47	23°49	28°23	27° 6	29°12	n.a.	S 17
M18	18 58 28	12°57'12	15°39	6° 4	28°44	22°55	29° 0	28°55	14°29	26°46	23°48	28°15	27° 3	29°19	n.a.	M18
T 19	19 2 25	13°55'07	27°30	7°30	29°46	23°33	29°13	29° 0	14°33	26°45	23°48	28° 5	27° 0	29°25	n.a.	T 19
W20	19 6 21	14°53'04	9♑22	8°54	0♍49	24°11	29°26	29° 6	14°36	26°44	23°47	27°53	26°57	29°32	n.a.	W20
T 21	19 10 18	15°51'02	21°18	10°16	1°51	24°49	29°38	29°12	14°39	26°43	23°46	27°39	26°53	29°39	n.a.	T 21
F 22	19 14 14	16°49'02	3♒19	11°37	2°53	25°27	29°51	29°18	14°43	26°42	23°45	27°26	26°50	29°46	n.a.	F 22
S 23	19 18 11	17°47'04	15°27	12°56	3°54	26° 5	0♋ 4	29°24	14°46	26°41	23°44	27°13	26°47	29°52	n.a.	S 23
S 24	19 22 7	18°45'08	27°41	14°14	4°56	26°43	0°17	29°30	14°50	26°40	23°43	27° 3	26°44	29°59	n.a.	S 24
M25	19 26 4	19°43'14	10♓ 5	15°30	5°56	27°21	0°30	29°36	14°53	26°40	23°42	26°55	26°41	0♑ 6	n.a.	M25
T 26	19 30 0	20°41'22	22°41	16°44	6°57	27°59	0°43	29°42	14°57	26°39	23°41	26°50	26°38	0°12	n.a.	T 26
W27	19 33 57	21°39'32	5♈31	17°56	7°57	28°37	0°56	29°48	15° 0	26°38	23°40	26°48	26°34	0°19	n.a.	W27
T 28	19 37 54	22°37'44	18°39	19° 6	8°57	29°15	1° 8	29°54	15° 4	26°37	23°39	26°47	26°31	0°26	n.a.	T 28
F 29	19 41 50	23°35'58	2♉ 8	20°14	9°57	29°53	1°21	0♍ 0	15° 8	26°37	23°38	26°47	26°28	0°33	n.a.	F 29
S 30	19 45 47	24°34'15	16° 1	21°20	10°56	0♋31	1°34	0° 7	15°11	26°36	23°37	26°47	26°25	0°39	n.a.	S 30
S 31	19 49 43	25♋32'34	0♊18	22♌24	11♍55	1♋ 9	1♋46	0♍13	15♌15	26♏35	23♒36	26♈44	26♈22	0♑46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	8n27	0s36	25n21	1n46	18n56	1n 3	23n19	0n44	24n 6	0n21	14n41	2n16	17n44	0n45	18s31	1n21	29s33	16s54	11n28	10n55	28s14		n.a.
S 2	23 49	14 38	0n39	25 11	1 44	18 34	0 59	23 25	0 44	24 6	0 21	14 40	2 16	17 43	0 45	18 31	1 21	29 33	16 54	11 28	10 54	28 15		n.a.
S 3	23 49	20 13	1 54	24 59	1 41	18 11	0 56	23 31	0 45	24 7	0 21	14 38	2 16	17 42	0 45	18 31	1 21	29 34	16 54	11 27	10 53	28 16		n.a.
M 4	23 50	24 42	3 3	24 46	1 38	17 49	0 52	23 36	0 45	24 7	0 21	14 36	2 16	17 41	0 44	18 31	1 21	29 34	16 55	11 25	10 52	28 16		n.a.
T 5	23 50	27 32	4 0	24 30	1 35	17 25	0 48	23 41	0 45	24 8	0 21	14 34	2 16	17 40	0 44	18 30	1 21	29 35	16 55	11 23	10 50	28 17		n.a.
W 6	23 50	28 20	4 41	24 13	1 30	17 2	0 44	23 46	0 46	24 8	0 21	14 32	2 16	17 39	0 44	18 30	1 20	29 35	16 55	11 20	10 49	28 17		n.a.
T 7	23 49	26 58	5 1	23 55	1 26	16 38	0 40	23 50	0 46	24 9	0 21	14 30	2 15	17 38	0 44	18 30	1 20	29 36	16 56	11 17	10 48	28 18		n.a.
F 8	23 47	23 41	5 0	23 35	1 21	16 14	0 36	23 55	0 47	24 9	0 22	14 28	2 15	17 37	0 44	18 30	1 20	29 36	16 56	11 13	10 47	28 18		n.a.
S 9	23 46	18 58	4 40	23 13	1 16	15 49	0 31	23 59	0 47	24 10	0 22	14 26	2 15	17 36	0 44	18 29	1 20	29 37	16 56	11 11	10 46	28 19		n.a.
S 10	23 44	13 20	4 3	22 51	1 10	15 24	0 27	24 4	0 48	24 10	0 22	14 24	2 15	17 35	0 44	18 29	1 20	29 37	16 57	11 9	10 45	28 19		n.a.
M11	23 41	7 15	3 13	22 27	1 4	14 59	0 22	24 7	0 48	24 10	0 22	14 22	2 15	17 34	0 44	18 29	1 20	29 38	16 57	11 8	10 43	28 20		n.a.
T 12	23 38	1 2	2 14	22 3	0 58	14 34	0 18	24 11	0 49	24 11	0 22	14 20	2 15	17 33	0 44	18 29	1 20	29 38	16 57	11 7	10 42	28 20		n.a.
W13	23 35	5s 2	1 10	21 37	0 51	14 8	0 13	24 15	0 49	24 11	0 22	14 18	2 15	17 32	0 44	18 28	1 20	29 39	16 57	11 7	10 41	28 21		n.a.
T 14	23 31	10 46	0 4	21 11	0 44	13 42	0 8	24 18	0 50	24 11	0 22	14 16	2 15	17 31	0 44	18 28	1 20	29 39	16 58	11 7	10 40	28 21		n.a.
F 15	23 27	15 58	1s 0	20 43	0 37	13 15	0 3	24 21	0 50	24 12	0 22	14 14	2 14	17 30	0 44	18 28	1 20	29 40	16 58	11 7	10 39	28 22		n.a.
S 16	23 22	20 29	2 1	20 15	0 30	12 49	0s 2	24 25	0 51	24 12	0 22	14 12	2 14	17 29	0 44	18 28	1 20	29 40	16 58	11 6	10 38	28 22		n.a.
S 17	23 17	24 7	2 55	19 47	0 22	12 22	0 7	24 27	0 51	24 12	0 23	14 10	2 14	17 28	0 44	18 28	1 20	29 41	16 58	11 4	10 36	28 23		n.a.
M18	23 11	26 43	3 42	19 18	0 14	11 55	0 12	24 30	0 52	24 12	0 23	14 8	2 14	17 27	0 44	18 27	1 20	29 41	16 59	11 2	10 35	28 23		n.a.
T 19	23 5	28 7	4 19	18 48	0 6	11 28	0 18	24 32	0 52	24 13	0 23	14 6	2 14	17 26	0 44	18 27	1 20	29 42	16 59	10 58	10 34	28 24		n.a.
W20	22 59	28 14	4 45	18 18	0s 2	11 0	0 23	24 35	0 53	24 13	0 23	14 4	2 14	17 25	0 44	18 27	1 20	29 43	16 59	10 53	10 33	28 24		n.a.
T 21	22 52	27 1	4 58	17 47	0 10	10 33	0 28	24 37	0 53	24 13	0 23	14 1	2 14	17 24	0 44	18 27	1 20	29 43	16 59	10 49	10 32	28 25		n.a.
F 22	22 45	24 34	4 58	17 17	0 19	10 5	0 34	24 39	0 54	24 13	0 23	13 59	2 14	17 23	0 44	18 27	1 20	29 44	17 0	10 44	10 31	28 25		n.a.
S 23	22 38	21 0	4 45	16 46	0 28	9 37	0 40	24 40	0 54	24 13	0 23	13 57	2 13	17 22	0 44	18 27	1 20	29 44	17 0	10 39	10 29	28 25		n.a.
S 24	22 30	16 31	4 19	16 15	0 37	9 9	0 46	24 42	0 55	24 13	0 23	13 55	2 13	17 21	0 44	18 26	1 20	29 45	17 0	10 35	10 28	28 26		n.a.
M25	22 21	11 18	3 40	15 44	0 46	8 41	0 51	24 43	0 55	24 13	0 23	13 52	2 13	17 20	0 44	18 26	1 20	29 45	17 0	10 32	10 27	28 26		n.a.
T 26	22 13	5 32	2 50	15 13	0 55	8 13	0 57	24 45	0 55	24 13	0 24	13 50	2 13	17 19	0 44	18 26	1 20	29 46	17 1	10 31	10 26	28 27		n.a.
W27	22 3	0n33	1 50	14 42	1 4	7 45	1 4	24 45	0 56	24 13	0 24	13 48	2 13	17 18	0 44	18 26	1 20	29 46	17 1	10 30	10 25	28 27		n.a.
T 28	21 54	6 46	0 43	14 11	1 13	7 16	1 10	24 46	0 56	24 14	0 24	13 46	2 13	17 17	0 44	18 26	1 20	29 47	17 1	10 30	10 24	28 27		n.a.
F 29	21 44	12 51	0n28	13 40	1 23	6 48	1 16	24 47	0 57	24 14	0 24	13 43	2 13	17 16	0 44	18 26	1 19	29 47	17 1	10 30	10 22	28 28		n.a.
S 30	21 34	18 29	1 40	13 10	1 32	6 19	1 22	24 47	0 57	24 14	0 24	13 41	2 13	17 15	0 44	18 26	1 19	29 48	17 1	10 29	10 21	28 28		n.a.
S 31	21n23	23n16	2n47	12n40	1s42	5n51	1s29	24n47	0n58	24n13	0n24	13n39	2n13	17n14	0n44	18s26	1n19	29s49	17s 2	10n28	10n20	28s28		n.a.

Julian Day Number = 1304488.5, Delta T = 07h47m18s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'56, Lahiri = -19°42'55 Julian Calendar 1 July 1142 BCE == Greg. Calendar 20 June 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

AUGUST 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 53 40	26♋30'55	14♊58	23♌26	12♍54	1♋47	1♋59	0♍19	15♌19	26°R35	23°R35	26°R39	26♈18	0♉53	n.a.	M 1
T 2	19 57 36	27°29'18	29°56	24°25	13°52	2°25	2°12	0°26	15°22	26♏34	23♒34	26♈31	26°15	0°59	n.a.	T 2
W 3	20 1 33	28°27'44	15♋ 5	25°21	14°49	3° 3	2°24	0°32	15°26	26°34	23°33	26°21	26°12	1° 6	n.a.	W 3
T 4	20 5 29	29°26'12	0♌15	26°14	15°47	3°41	2°37	0°39	15°30	26°33	23°32	26°10	26° 9	1°13	n.a.	T 4
F 5	20 9 26	0♌24'41	15°14	27° 4	16°43	4°19	2°49	0°45	15°33	26°33	23°31	25°59	26° 6	1°20	n.a.	F 5
S 6	20 13 23	1°23'13	29°54	27°51	17°40	4°56	3° 1	0°52	15°37	26°32	23°30	25°49	26° 3	1°26	n.a.	S 6
S 7	20 17 19	2°21'46	14♍ 8	28°35	18°36	5°34	3°14	0°58	15°41	26°32	23°29	25°42	25°59	1°33	n.a.	S 7
M 8	20 21 16	3°20'21	27°52	29°15	19°31	6°12	3°26	1° 5	15°44	26°31	23°28	25°37	25°56	1°40	n.a.	M 8
T 9	20 25 12	4°18'58	11♎ 8	29°50	20°26	6°50	3°38	1°12	15°48	26°31	23°26	25°35	25°53	1°46	n.a.	T 9
W10	20 29 9	5°17'37	23°58	0♍22	21°21	7°28	3°50	1°18	15°52	26°30	23°25	25°D34	25°50	1°53	n.a.	W10
T 11	20 33 5	6°16'17	6♏26	0°48	22°14	8° 5	4° 3	1°25	15°56	26°30	23°24	25°R34	25°47	2° 0	n.a.	T 11
F 12	20 37 2	7°15'00	18°36	1°10	23° 8	8°43	4°15	1°32	15°59	26°30	23°23	25°34	25°44	2° 7	n.a.	F 12
S 13	20 40 58	8°13'44	0♐36	1°26	24° 0	9°21	4°27	1°39	16° 3	26°30	23°22	25°32	25°40	2°13	n.a.	S 13
S 14	20 44 55	9°12'30	12°28	1°36	24°52	9°58	4°39	1°46	16° 7	26°29	23°21	25°27	25°37	2°20	n.a.	S 14
M15	20 48 51	10°11'18	24°19	1°R40	25°44	10°36	4°51	1°52	16°11	26°29	23°20	25°20	25°34	2°27	n.a.	M15
T 16	20 52 48	11°10'08	6♑10	1°38	26°34	11°14	5° 2	1°59	16°15	26°29	23°19	25°11	25°31	2°33	n.a.	T 16
W17	20 56 45	12° 9'00	18° 7	1°28	27°24	11°51	5°14	2° 6	16°18	26°29	23°17	24°59	25°28	2°40	n.a.	W17
T 18	21 0 41	13° 7'55	0♒ 9	1°12	28°14	12°29	5°26	2°13	16°22	26°29	23°16	24°46	25°24	2°47	n.a.	T 18
F 19	21 4 38	14° 6'51	12°20	0°48	29° 2	13° 7	5°38	2°20	16°26	26°29	23°15	24°33	25°21	2°54	n.a.	F 19
S 20	21 8 34	15° 5'49	24°39	0°17	29°50	13°44	5°49	2°27	16°30	26°D29	23°14	24°21	25°18	3° 0	n.a.	S 20
S 21	21 12 31	16° 4'49	7♓ 7	29♌39	0♎37	14°22	6° 1	2°34	16°34	26°29	23°13	24°11	25°15	3° 7	n.a.	S 21
M22	21 16 27	17° 3'52	19°45	28°53	1°23	14°59	6°12	2°41	16°37	26°29	23°11	24° 4	25°12	3°14	n.a.	M22
T 23	21 20 24	18° 2'57	2♈34	28° 1	2° 8	15°37	6°24	2°48	16°41	26°29	23°10	23°59	25° 9	3°20	n.a.	T 23
W24	21 24 20	19° 2'04	15°35	27° 3	2°53	16°14	6°35	2°55	16°45	26°29	23° 9	23°57	25° 5	3°27	n.a.	W24
T 25	21 28 17	20° 1'14	28°50	25°59	3°36	16°52	6°46	3° 2	16°49	26°29	23° 8	23°D57	25° 2	3°34	n.a.	T 25
F 26	21 32 14	21° 0'27	12♉20	24°53	4°19	17°29	6°57	3° 9	16°53	26°29	23° 7	23°57	24°59	3°41	n.a.	F 26
S 27	21 36 10	21°59'41	26° 7	23°44	5° 0	18° 7	7° 8	3°16	16°56	26°30	23° 6	23°R57	24°56	3°47	n.a.	S 27
S 28	21 40 7	22°58'59	10♊13	22°34	5°40	18°44	7°19	3°23	17° 0	26°30	23° 4	23°56	24°53	3°54	n.a.	S 28
M29	21 44 3	23°58'19	24°35	21°26	6°20	19°22	7°30	3°31	17° 4	26°30	23° 3	23°53	24°50	4° 1	n.a.	M29
T 30	21 48 0	24°57'41	9♋13	20°21	6°58	19°59	7°41	3°38	17° 8	26°31	23° 2	23°47	24°46	4° 7	n.a.	T 30
W31	21 51 56	25♌57'06	24♋ 0	19♌22	7♎35	20♋37	7♋52	3♍45	17♌12	26♏31	23♒ 1	23♈39	24♈43	4♉14	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n12	26n42	3n45	12n11	1s51	5n22	1s35	24n47	0n58	24n13	0n24	13n36	2n13	17n13	0n44	18s25	1n19	29s49	17s 2	10n27	10n19	28s29			n.a.
T 2	21 0	28 19	4 29	11 43	2 0	4 53	1 42	24 47	0 59	24 13	0 24	13 34	2 13	17 11	0 44	18 25	1 19	29 50	17 2	10 24	10 18	28 29			n.a.
W 3	20 48	27 50	4 54	11 15	2 10	4 25	1 48	24 47	0 59	24 13	0 25	13 31	2 12	17 10	0 44	18 25	1 19	29 50	17 2	10 20	10 17	28 29			n.a.
T 4	20 36	25 18	4 59	10 48	2 19	3 56	1 55	24 46	1 0	24 13	0 25	13 29	2 12	17 9	0 44	18 25	1 19	29 51	17 2	10 16	10 15	28 30			n.a.
F 5	20 24	21 2	4 44	10 22	2 28	3 28	2 2	24 46	1 0	24 13	0 25	13 27	2 12	17 8	0 44	18 25	1 19	29 51	17 2	10 12	10 14	28 30			n.a.
S 6	20 11	15 34	4 9	9 58	2 37	2 59	2 9	24 45	1 1	24 13	0 25	13 24	2 12	17 7	0 44	18 25	1 19	29 52	17 3	10 8	10 13	28 30			n.a.
S 7	19 57	9 25	3 20	9 34	2 46	2 31	2 16	24 44	1 1	24 13	0 25	13 22	2 12	17 6	0 44	18 25	1 19	29 52	17 3	10 5	10 12	28 31			n.a.
M 8	19 44	3 0	2 21	9 12	2 55	2 2	2 22	24 42	1 1	24 12	0 25	13 19	2 12	17 5	0 44	18 25	1 19	29 53	17 3	10 4	10 11	28 31			n.a.
T 9	19 30	3s19	1 16	8 52	3 3	1 34	2 30	24 41	1 2	24 12	0 25	13 17	2 12	17 4	0 44	18 25	1 19	29 53	17 3	10 3	10 10	28 31			n.a.
W10	19 15	9 19	0 8	8 33	3 11	1 6	2 37	24 39	1 2	24 12	0 26	13 14	2 12	17 2	0 44	18 25	1 19	29 54	17 3	10 3	10 8	28 31			n.a.
T 11	19 1	14 47	0s57	8 17	3 19	0 38	2 44	24 38	1 3	24 12	0 26	13 12	2 12	17 1	0 44	18 25	1 19	29 54	17 3	10 3	10 7	28 32			n.a.
F 12	18 46	19 33	1 59	8 2	3 26	0 10	2 51	24 36	1 3	24 12	0 26	13 9	2 12	17 0	0 44	18 25	1 19	29 55	17 3	10 2	10 6	28 32			n.a.
S 13	18 30	23 27	2 54	7 50	3 32	0s18	2 58	24 33	1 4	24 11	0 26	13 7	2 12	16 59	0 44	18 25	1 19	29 55	17 4	10 2	10 5	28 32			n.a.
S 14	18 15	26 19	3 41	7 41	3 38	0 46	3 6	24 31	1 4	24 11	0 26	13 4	2 12	16 58	0 44	18 25	1 19	29 56	17 4	10 0	10 4	28 32			n.a.
M15	17 59	28 1	4 19	7 35	3 43	1 13	3 13	24 28	1 5	24 11	0 26	13 2	2 12	16 57	0 44	18 25	1 19	29 56	17 4	9 57	10 3	28 33			n.a.
T 16	17 42	28 26	4 45	7 32	3 48	1 40	3 20	24 26	1 5	24 10	0 26	12 59	2 12	16 55	0 44	18 25	1 19	29 57	17 4	9 54	10 1	28 33			n.a.
W17	17 26	27 31	4 59	7 32	3 51	2 7	3 28	24 23	1 5	24 10	0 27	12 56	2 12	16 54	0 44	18 25	1 19	29 57	17 4	9 50	10 0	28 33			n.a.
T 18	17 9	25 19	5 0	7 36	3 53	2 34	3 35	24 20	1 6	24 10	0 27	12 54	2 12	16 53	0 44	18 25	1 18	29 58	17 4	9 45	9 59	28 33			n.a.
F 19	16 52	21 57	4 47	7 44	3 53	3 1	3 43	24 17	1 6	24 9	0 27	12 51	2 12	16 52	0 44	18 25	1 18	29 58	17 4	9 40	9 58	28 33			n.a.
S 20	16 34	17 36	4 21	7 56	3 52	3 27	3 50	24 13	1 7	24 9	0 27	12 49	2 12	16 51	0 44	18 25	1 18	29 59	17 4	9 35	9 57	28 34			n.a.
S 21	16 17	12 27	3 41	8 12	3 50	3 53	3 58	24 9	1 7	24 9	0 27	12 46	2 12	16 50	0 44	18 25	1 18	29 59	17 4	9 32	9 55	28 34			n.a.
M22	15 59	6 44	2 51	8 32	3 46	4 18	4 6	24 6	1 8	24 8	0 27	12 44	2 12	16 49	0 44	18 25	1 18	30 0	17 4	9 29	9 54	28 34			n.a.
T 23	15 40	0 39	1 51	8 56	3 40	4 43	4 13	24 2	1 8	24 8	0 27	12 41	2 12	16 47	0 44	18 25	1 18	30 0	17 4	9 27	9 53	28 34			n.a.
W24	15 22	5n33	0 44	9 24	3 31	5 8	4 21	23 58	1 9	24 7	0 28	12 38	2 11	16 46	0 44	18 25	1 18	30 1	17 4	9 26	9 52	28 34			n.a.
T 25	15 3	11 38	0n26	9 55	3 21	5 33	4 28	23 53	1 9	24 7	0 28	12 36	2 11	16 45	0 44	18 25	1 18	30 1	17 4	9 26	9 51	28 34			n.a.
F 26	14 44	17 19	1 36	10 29	3 9	5 57	4 36	23 49	1 9	24 7	0 28	12 33	2 11	16 44	0 44	18 26	1 18	30 2	17 4	9 27	9 50	28 34			n.a.
S 27	14 24	22 14	2 43	11 5	2 55	6 21	4 44	23 44	1 10	24 6	0 28	12 30	2 11	16 43	0 44	18 26	1 18	30 2	17 4	9 27	9 48	28 35			n.a.
S 28	14 5	25 59	3 41	11 43	2 39	6 44	4 51	23 40	1 10	24 6	0 28	12 28	2 11	16 42	0 44	18 26	1 18	30 3	17 4	9 26	9 47	28 35			n.a.
M29	13 45	28 9	4 26	12 22	2 22	7 7	4 59	23 35	1 11	24 5	0 28	12 25	2 11	16 40	0 44	18 26	1 18	30 3	17 4	9 25	9 46	28 35			n.a.
T 30	13 25	28 24	4 55	13 0	2 3	7 29	5 6	23 29	1 11	24 5	0 28	12 23	2 11	16 39	0 44	18 26	1 18	30 3	17 4	9 23	9 45	28 35			n.a.
W31	13n 5	26n39	5n 4	13n37	1s43	7s51	5s14	23n24	1n12	24n 4	0n29	12n20	2n11	16n38	0n44	18s26	1n18	30s 4	17s 4	9n20	9n44	28s35			n.a.

Julian Day Number = 1304519.5, Delta T = 07h47m16s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'52, Lahiri = -19°42'51 Julian Calendar 1 Aug. 1142 BCE == Greg. Calendar 21 July 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

SEPTEMBER 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 53	26♌56'33	8♌49	18°R29	8♎10	21♋14	8♋ 3	3♍52	17♌15	26♏31	23°R 0	23°R30	24♈40	4♉21	n.a.	T 1
F 2	21 59 49	27°56'02	23°32	17♌44	8°45	21°51	8°13	3°59	17°19	26°32	22♒58	23♈21	24°37	4°28	n.a.	F 2
S 3	22 3 46	28°55'34	8♍ 1	17° 9	9°18	22°29	8°24	4° 6	17°23	26°32	22°57	23°13	24°34	4°34	n.a.	S 3
S 4	22 7 42	29°55'07	22° 9	16°44	9°50	23° 6	8°34	4°14	17°27	26°33	22°56	23° 7	24°30	4°41	n.a.	S 4
M 5	22 11 39	0♍54'43	5♎52	16°30	10°20	23°43	8°45	4°21	17°30	26°33	22°55	23° 4	24°27	4°48	n.a.	M 5
T 6	22 15 36	1°54'21	19°10	16°D26	10°49	24°21	8°55	4°28	17°34	26°34	22°54	23°D 2	24°24	4°54	n.a.	T 6
W 7	22 19 32	2°54'00	2♏ 2	16°34	11°16	24°58	9° 5	4°35	17°38	26°34	22°52	23° 2	24°21	5° 1	n.a.	W 7
T 8	22 23 29	3°53'42	14°33	16°52	11°41	25°35	9°15	4°42	17°42	26°35	22°51	23° 4	24°18	5° 8	n.a.	T 8
F 9	22 27 25	4°53'25	26°47	17°21	12° 5	26°12	9°25	4°50	17°45	26°35	22°50	23° 5	24°15	5°15	n.a.	F 9
S 10	22 31 22	5°53'10	8♐48	17°58	12°27	26°50	9°35	4°57	17°49	26°36	22°49	23°R 5	24°11	5°21	n.a.	S 10
S 11	22 35 18	6°52'57	20°42	18°45	12°48	27°27	9°45	5° 4	17°53	26°37	22°48	23° 4	24° 8	5°28	n.a.	S 11
M12	22 39 15	7°52'47	2♑33	19°39	13° 6	28° 4	9°54	5°11	17°56	26°38	22°47	23° 1	24° 5	5°35	n.a.	M12
T 13	22 43 11	8°52'37	14°27	20°40	13°22	28°41	10° 4	5°18	18° 0	26°38	22°46	22°55	24° 2	5°41	n.a.	T 13
W14	22 47 8	9°52'30	26°26	21°48	13°37	29°18	10°13	5°26	18° 3	26°39	22°44	22°49	23°59	5°48	n.a.	W14
T 15	22 51 5	10°52'25	8♒35	23° 1	13°49	29°55	10°23	5°33	18° 7	26°40	22°43	22°41	23°56	5°55	n.a.	T 15
F 16	22 55 1	11°52'21	20°55	24°19	13°59	0♌33	10°32	5°40	18°11	26°41	22°42	22°33	23°52	6° 2	n.a.	F 16
S 17	22 58 58	12°52'20	3♓27	25°41	14° 7	1°10	10°41	5°47	18°14	26°42	22°41	22°26	23°49	6° 8	n.a.	S 17
S 18	23 2 54	13°52'20	16°13	27° 6	14°13	1°47	10°50	5°54	18°18	26°43	22°40	22°20	23°46	6°15	n.a.	S 18
M19	23 6 51	14°52'22	29°11	28°35	14°16	2°24	10°59	6° 1	18°21	26°44	22°39	22°16	23°43	6°22	n.a.	M19
T 20	23 10 47	15°52'27	12♈21	0♍ 5	14°R17	3° 1	11° 7	6° 9	18°25	26°45	22°38	22°14	23°40	6°28	n.a.	T 20
W21	23 14 44	16°52'34	25°43	1°38	14°16	3°38	11°16	6°16	18°28	26°46	22°37	22°D13	23°36	6°35	n.a.	W21
T 22	23 18 40	17°52'42	9♉16	3°12	14°12	4°15	11°25	6°23	18°32	26°47	22°36	22°14	23°33	6°42	n.a.	T 22
F 23	23 22 37	18°52'53	23° 0	4°48	14° 6	4°52	11°33	6°30	18°35	26°48	22°35	22°16	23°30	6°49	n.a.	F 23
S 24	23 26 33	19°53'07	6♊53	6°24	13°58	5°29	11°41	6°37	18°39	26°49	22°34	22°17	23°27	6°55	n.a.	S 24
S 25	23 30 30	20°53'23	20°57	8° 1	13°47	6° 5	11°49	6°44	18°42	26°50	22°32	22°R18	23°24	7° 2	n.a.	S 25
M26	23 34 27	21°53'40	5♋ 9	9°39	13°33	6°42	11°57	6°51	18°45	26°51	22°31	22°17	23°21	7° 9	n.a.	M26
T 27	23 38 23	22°54'01	19°27	11°17	13°18	7°19	12° 5	6°58	18°49	26°53	22°30	22°15	23°17	7°15	n.a.	T 27
W28	23 42 20	23°54'23	3♌48	12°56	13° 0	7°56	12°13	7° 5	18°52	26°54	22°29	22°12	23°14	7°22	n.a.	W28
T 29	23 46 16	24°54'47	18° 9	14°34	12°39	8°33	12°21	7°12	18°55	26°55	22°28	22° 8	23°11	7°29	n.a.	T 29
F 30	23 50 13	25♍55'13	2♍24	16♍13	12♎17	9♌10	12♋28	7♍19	18♌58	26♏56	22♒28	22♈ 4	23♈ 8	7♉36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n44	23n 4	4n54	14n13	1s23	8s12	5s21	23n19	1n12	24n 4	0n29	12n17	2n11	16n37	0n44	18s26	1n18	30s 4	17s 4	9n16	9n43	28s35		n.a.
F 2	12 23	18 2	4 24	14 46	1 3	8 32	5 29	23 13	1 12	24 3	0 29	12 15	2 11	16 36	0 44	18 26	1 18	30 5	17 4	9 13	9 41	28 35		n.a.
S 3	12 2	12 3	3 37	15 16	0 43	8 52	5 36	23 7	1 13	24 3	0 29	12 12	2 11	16 35	0 44	18 27	1 18	30 5	17 4	9 10	9 40	28 35		n.a.
S 4	11 41	5 35	2 38	15 42	0 24	9 12	5 43	23 1	1 13	24 2	0 29	12 9	2 12	16 33	0 44	18 27	1 18	30 5	17 4	9 8	9 39	28 35		n.a.
M 5	11 20	0s59	1 31	16 4	0 5	9 30	5 50	22 55	1 14	24 2	0 29	12 7	2 12	16 32	0 44	18 27	1 17	30 6	17 4	9 6	9 38	28 35		n.a.
T 6	10 58	7 18	0 21	16 22	0n12	9 48	5 58	22 49	1 14	24 1	0 30	12 4	2 12	16 31	0 44	18 27	1 17	30 6	17 4	9 6	9 37	28 35		n.a.
W 7	10 36	13 8	0s48	16 35	0 29	10 6	6 4	22 43	1 15	24 1	0 30	12 1	2 12	16 30	0 44	18 27	1 17	30 7	17 4	9 6	9 35	28 35		n.a.
T 8	10 14	18 16	1 53	16 44	0 44	10 22	6 11	22 36	1 15	24 0	0 30	11 59	2 12	16 29	0 44	18 27	1 17	30 7	17 4	9 6	9 34	28 35		n.a.
F 9	9 52	22 32	2 52	16 48	0 58	10 38	6 18	22 29	1 15	24 0	0 30	11 56	2 12	16 28	0 44	18 28	1 17	30 7	17 4	9 7	9 33	28 35		n.a.
S 10	9 30	25 46	3 41	16 48	1 10	10 53	6 25	22 23	1 16	23 59	0 30	11 53	2 12	16 27	0 44	18 28	1 17	30 8	17 4	9 7	9 32	28 35		n.a.
S 11	9 8	27 50	4 21	16 44	1 21	11 7	6 31	22 16	1 16	23 58	0 30	11 51	2 12	16 25	0 44	18 28	1 17	30 8	17 4	9 6	9 31	28 35		n.a.
M12	8 45	28 38	4 49	16 35	1 30	11 19	6 37	22 8	1 17	23 58	0 31	11 48	2 12	16 24	0 44	18 28	1 17	30 8	17 4	9 5	9 29	28 35		n.a.
T 13	8 22	28 5	5 5	16 23	1 38	11 31	6 43	22 1	1 17	23 57	0 31	11 45	2 12	16 23	0 44	18 29	1 17	30 9	17 4	9 3	9 28	28 35		n.a.
W14	7 59	26 14	5 8	16 8	1 45	11 42	6 49	21 54	1 18	23 57	0 31	11 43	2 12	16 22	0 44	18 29	1 17	30 9	17 4	9 1	9 27	28 35		n.a.
T 15	7 36	23 11	4 57	15 48	1 51	11 52	6 54	21 46	1 18	23 56	0 31	11 40	2 12	16 21	0 44	18 29	1 17	30 9	17 3	8 58	9 26	28 35		n.a.
F 16	7 13	19 2	4 32	15 26	1 55	12 1	6 59	21 39	1 18	23 56	0 31	11 37	2 12	16 20	0 44	18 29	1 17	30 9	17 3	8 55	9 25	28 35		n.a.
S 17	6 50	14 1	3 54	15 1	1 58	12 9	7 4	21 31	1 19	23 55	0 32	11 35	2 12	16 19	0 44	18 30	1 17	30 10	17 3	8 52	9 24	28 35		n.a.
S 18	6 27	8 20	3 3	14 34	2 1	12 15	7 8	21 23	1 19	23 55	0 32	11 32	2 12	16 18	0 44	18 30	1 17	30 10	17 3	8 50	9 22	28 35		n.a.
M19	6 3	2 11	2 2	14 4	2 2	12 20	7 12	21 15	1 20	23 54	0 32	11 29	2 12	16 17	0 44	18 30	1 17	30 10	17 3	8 48	9 21	28 35		n.a.
T 20	5 40	4n 8	0 54	13 32	2 3	12 24	7 16	21 6	1 20	23 54	0 32	11 27	2 12	16 15	0 44	18 30	1 17	30 11	17 3	8 48	9 20	28 35		n.a.
W21	5 16	10 24	0n19	12 58	2 2	12 26	7 19	20 58	1 21	23 53	0 32	11 24	2 12	16 14	0 44	18 31	1 17	30 11	17 3	8 47	9 19	28 35		n.a.
T 22	4 52	16 16	1 32	12 23	2 2	12 27	7 22	20 49	1 21	23 52	0 32	11 22	2 12	16 13	0 44	18 31	1 17	30 11	17 3	8 48	9 18	28 35		n.a.
F 23	4 28	21 24	2 40	11 46	2 0	12 27	7 24	20 41	1 21	23 52	0 33	11 19	2 12	16 12	0 44	18 31	1 17	30 11	17 2	8 48	9 16	28 35		n.a.
S 24	4 4	25 26	3 40	11 8	1 58	12 25	7 26	20 32	1 22	23 51	0 33	11 16	2 12	16 11	0 44	18 32	1 17	30 11	17 2	8 49	9 15	28 35		n.a.
S 25	3 40	27 58	4 27	10 28	1 55	12 22	7 27	20 23	1 22	23 51	0 33	11 14	2 13	16 10	0 44	18 32	1 16	30 12	17 2	8 49	9 14	28 34		n.a.
M26	3 16	28 42	4 59	9 48	1 52	12 17	7 27	20 14	1 23	23 50	0 33	11 11	2 13	16 9	0 44	18 32	1 16	30 12	17 2	8 49	9 13	28 34		n.a.
T 27	2 52	27 33	5 12	9 7	1 48	12 10	7 27	20 5	1 23	23 50	0 33	11 9	2 13	16 8	0 44	18 33	1 16	30 12	17 2	8 48	9 12	28 34		n.a.
W28	2 28	24 34	5 6	8 25	1 44	12 2	7 26	19 56	1 24	23 49	0 34	11 6	2 13	16 7	0 44	18 33	1 16	30 12	17 2	8 47	9 10	28 34		n.a.
T 29	2 3	20 5	4 41	7 42	1 40	11 53	7 25	19 46	1 24	23 49	0 34	11 3	2 13	16 6	0 44	18 33	1 16	30 12	17 1	8 45	9 9	28 34		n.a.
F 30	1n39	14n30	3n59	6n59	1n35	11s41	7s22	19n37	1n24	23n48	0n34	11n 1	2n13	16n 5	0n45	18s34	1n16	30s13	17s 1	8n44	9n 8	28s34		n.a.

Julian Day Number = 1304550.5, Delta T = 07h47m15s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'47, Lahiri = -19°42'47 Julian Calendar 1 Sept. 1142 BCE == Greg. Calendar 21 Aug. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

OCTOBER 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 9	26♍55'41	16♍28	17♍52	11°R52	9♌47	12♋35	7♍26	19♌ 2	26♏58	22°R27	22°R 0	23♈ 5	7♉42	n.a.	S 1
S 2	23 58 6	27°56'11	0♎17	19°30	11♎26	10°23	12°43	7°33	19° 5	26°59	22♒26	21♈58	23° 1	7°49	n.a.	S 2
M 3	0 2 2	28°56'43	13°48	21° 8	10°57	11° 0	12°50	7°40	19° 8	27° 0	22°25	21°56	22°58	7°56	n.a.	M 3
T 4	0 5 59	29°57'16	26°58	22°46	10°27	11°37	12°57	7°47	19°11	27° 2	22°24	21°D56	22°55	8° 3	n.a.	T 4
W 5	0 9 56	0♎57'51	9♏49	24°24	9°55	12°13	13° 3	7°54	19°14	27° 3	22°23	21°57	22°52	8° 9	n.a.	W 5
T 6	0 13 52	1°58'28	22°20	26° 2	9°22	12°50	13°10	8° 0	19°17	27° 5	22°22	21°58	22°49	8°16	n.a.	T 6
F 7	0 17 49	2°59'06	4♐35	27°39	8°48	13°27	13°16	8° 7	19°20	27° 6	22°21	22° 0	22°46	8°23	n.a.	F 7
S 8	0 21 45	3°59'45	16°38	29°16	8°13	14° 3	13°23	8°14	19°23	27° 8	22°20	22° 1	22°42	8°29	n.a.	S 8
S 9	0 25 42	5° 0'26	28°34	0♎53	7°38	14°40	13°29	8°21	19°26	27° 9	22°19	22° 2	22°39	8°36	n.a.	S 9
M10	0 29 38	6° 1'08	10♑26	2°29	7° 1	15°16	13°35	8°27	19°29	27°11	22°19	22°R 2	22°36	8°43	n.a.	M10
T 11	0 33 35	7° 1'52	22°20	4° 6	6°25	15°53	13°41	8°34	19°32	27°13	22°18	22° 2	22°33	8°50	n.a.	T 11
W12	0 37 31	8° 2'37	4♒20	5°42	5°49	16°29	13°46	8°40	19°35	27°14	22°17	22° 0	22°30	8°56	n.a.	W12
T 13	0 41 28	9° 3'22	16°31	7°18	5°13	17° 6	13°52	8°47	19°38	27°16	22°16	21°58	22°27	9° 3	n.a.	T 13
F 14	0 45 25	10° 4'10	28°56	8°53	4°37	17°42	13°57	8°54	19°40	27°17	22°16	21°57	22°23	9°10	n.a.	F 14
S 15	0 49 21	11° 4'58	11♓37	10°28	4° 2	18°19	14° 3	9° 0	19°43	27°19	22°15	21°55	22°20	9°16	n.a.	S 15
S 16	0 53 18	12° 5'48	24°37	12° 3	3°29	18°55	14° 8	9° 6	19°46	27°21	22°14	21°54	22°17	9°23	n.a.	S 16
M17	0 57 14	13° 6'38	7♈54	13°38	2°56	19°31	14°12	9°13	19°49	27°23	22°13	21°53	22°14	9°30	n.a.	M17
T 18	1 1 11	14° 7'31	21°29	15°13	2°26	20° 8	14°17	9°19	19°51	27°24	22°13	21°D53	22°11	9°37	n.a.	T 18
W19	1 5 7	15° 8'24	5♉18	16°48	1°56	20°44	14°22	9°26	19°54	27°26	22°12	21°53	22° 7	9°43	n.a.	W19
T 20	1 9 4	16° 9'19	19°19	18°22	1°29	21°20	14°26	9°32	19°56	27°28	22°11	21°53	22° 4	9°50	n.a.	T 20
F 21	1 13 0	17°10'16	3♊29	19°56	1° 4	21°56	14°30	9°38	19°59	27°30	22°11	21°54	22° 1	9°57	n.a.	F 21
S 22	1 16 57	18°11'14	17°43	21°30	0°40	22°32	14°34	9°44	20° 1	27°32	22°10	21°54	21°58	10° 3	n.a.	S 22
S 23	1 20 54	19°12'13	1♋58	23° 5	0°19	23° 9	14°38	9°50	20° 4	27°33	22°10	21°55	21°55	10°10	n.a.	S 23
M24	1 24 50	20°13'14	16°12	24°39	0° 0	23°45	14°42	9°56	20° 6	27°35	22° 9	21°R55	21°52	10°17	n.a.	M24
T 25	1 28 47	21°14'17	0♌21	26°12	29♍44	24°21	14°45	10° 2	20° 8	27°37	22° 9	21°55	21°48	10°24	n.a.	T 25
W26	1 32 43	22°15'21	14°25	27°46	29°30	24°57	14°49	10° 8	20°11	27°39	22° 8	21°D55	21°45	10°30	n.a.	W26
T 27	1 36 40	23°16'26	28°20	29°20	29°19	25°33	14°52	10°14	20°13	27°41	22° 8	21°55	21°42	10°37	n.a.	T 27
F 28	1 40 36	24°17'32	12♍ 6	0♏54	29°10	26° 9	14°55	10°20	20°15	27°43	22° 7	21°55	21°39	10°44	n.a.	F 28
S 29	1 44 33	25°18'39	25°41	2°28	29° 4	26°45	14°57	10°26	20°17	27°45	22° 7	21°55	21°36	10°51	n.a.	S 29
S 30	1 48 29	26°19'48	9♎ 4	4° 1	29° 0	27°21	15° 0	10°32	20°19	27°47	22° 6	21°55	21°33	10°57	n.a.	S 30
M31	1 52 26	27♎20'57	22♎12	5♏35	28°D58	27♌56	15♋ 2	10♍37	20♌21	27♏49	22♒ 6	21°R56	21♈29	11♉ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n14	8n13	3n 2	6n15	1n30	11s29	7s19	19n27	1n25	23n48	0n34	10n58	2n13	16n 4	0n45	18s34	1n16	30s13	17s 1	8n42	9n 7	28s33		n.a.	S 1
S 2	0 50	1 39	1 56	5 31	1 25	11 15	7 15	19 17	1 25	23 47	0 34	10 56	2 13	16 3	0 45	18 34	1 16	30 13	17 1	8 41	9 6	28 33		n.a.	S 2
M 3	0 26	4s51	0 45	4 47	1 20	10 59	7 11	19 8	1 26	23 47	0 35	10 53	2 13	16 2	0 45	18 35	1 16	30 13	17 0	8 41	9 4	28 33		n.a.	M 3
T 4	0 1	10 59	0s28	4 3	1 14	10 42	7 5	18 58	1 26	23 46	0 35	10 51	2 13	16 1	0 45	18 35	1 16	30 13	17 0	8 41	9 3	28 33		n.a.	T 4
W 5	0s23	16 31	1 37	3 18	1 8	10 23	6 59	18 48	1 26	23 46	0 35	10 48	2 13	16 0	0 45	18 35	1 16	30 13	17 0	8 41	9 2	28 33		n.a.	W 5
T 6	0 48	21 13	2 40	2 33	1 2	10 3	6 51	18 37	1 27	23 45	0 35	10 46	2 14	15 59	0 45	18 36	1 16	30 13	17 0	8 42	9 1	28 32		n.a.	T 6
F 7	1 12	24 54	3 34	1 48	0 56	9 42	6 43	18 27	1 27	23 45	0 36	10 43	2 14	15 58	0 45	18 36	1 16	30 13	17 0	8 42	9 0	28 32		n.a.	F 7
S 8	1 37	27 25	4 18	1 3	0 50	9 20	6 35	18 17	1 28	23 44	0 36	10 41	2 14	15 57	0 45	18 37	1 16	30 13	16 59	8 43	8 58	28 32		n.a.	S 8
S 9	2 1	28 39	4 50	0 18	0 44	8 57	6 25	18 6	1 28	23 44	0 36	10 38	2 14	15 56	0 45	18 37	1 16	30 14	16 59	8 43	8 57	28 32		n.a.	S 9
M10	2 26	28 33	5 9	0s26	0 37	8 32	6 14	17 56	1 29	23 44	0 36	10 36	2 14	15 56	0 45	18 37	1 16	30 14	16 59	8 43	8 56	28 32		n.a.	M10
T 11	2 50	27 8	5 16	1 11	0 31	8 8	6 3	17 45	1 29	23 43	0 36	10 34	2 14	15 55	0 45	18 38	1 16	30 14	16 59	8 43	8 55	28 31		n.a.	T 11
W12	3 14	24 29	5 9	1 56	0 24	7 42	5 51	17 34	1 29	23 43	0 37	10 31	2 14	15 54	0 45	18 38	1 16	30 14	16 58	8 42	8 54	28 31		n.a.	W12
T 13	3 39	20 42	4 47	2 40	0 18	7 16	5 39	17 23	1 30	23 42	0 37	10 29	2 14	15 53	0 45	18 39	1 16	30 14	16 58	8 42	8 52	28 31		n.a.	T 13
F 14	4 3	15 58	4 13	3 24	0 11	6 50	5 26	17 12	1 30	23 42	0 37	10 26	2 15	15 52	0 45	18 39	1 16	30 14	16 58	8 41	8 51	28 30		n.a.	F 14
S 15	4 27	10 28	3 25	4 8	0 5	6 23	5 12	17 1	1 31	23 42	0 37	10 24	2 15	15 51	0 45	18 39	1 16	30 14	16 58	8 40	8 50	28 30		n.a.	S 15
S 16	4 51	4 23	2 25	4 52	0s 2	5 57	4 58	16 50	1 31	23 41	0 38	10 22	2 15	15 50	0 45	18 40	1 16	30 14	16 57	8 40	8 49	28 30		n.a.	S 16
M17	5 16	2n 1	1 17	5 36	0 8	5 31	4 44	16 39	1 31	23 41	0 38	10 19	2 15	15 50	0 45	18 40	1 15	30 14	16 57	8 40	8 48	28 30		n.a.	M17
T 18	5 40	8 29	0 2	6 19	0 15	5 5	4 29	16 28	1 32	23 41	0 38	10 17	2 15	15 49	0 45	18 41	1 15	30 14	16 57	8 40	8 46	28 29		n.a.	T 18
W19	6 3	14 40	1n14	7 2	0 21	4 39	4 14	16 16	1 32	23 41	0 38	10 15	2 15	15 48	0 45	18 41	1 15	30 14	16 56	8 40	8 45	28 29		n.a.	W19
T 20	6 27	20 11	2 26	7 44	0 27	4 14	3 58	16 5	1 33	23 40	0 38	10 13	2 16	15 47	0 45	18 42	1 15	30 14	16 56	8 40	8 44	28 29		n.a.	T 20
F 21	6 51	24 38	3 31	8 26	0 34	3 50	3 43	15 53	1 33	23 40	0 39	10 10	2 16	15 46	0 45	18 42	1 15	30 13	16 56	8 40	8 43	28 28		n.a.	F 21
S 22	7 15	27 37	4 22	9 8	0 40	3 26	3 28	15 42	1 33	23 40	0 39	10 8	2 16	15 46	0 45	18 43	1 15	30 13	16 55	8 40	8 42	28 28		n.a.	S 22
S 23	7 38	28 47	4 58	9 50	0 46	3 3	3 12	15 30	1 34	23 40	0 39	10 6	2 16	15 45	0 45	18 43	1 15	30 13	16 55	8 40	8 40	28 28		n.a.	S 23
M24	8 2	28 3	5 15	10 30	0 52	2 42	2 57	15 18	1 34	23 40	0 39	10 4	2 16	15 44	0 45	18 44	1 15	30 13	16 55	8 40	8 39	28 27		n.a.	M24
T 25	8 25	25 30	5 14	11 11	0 58	2 21	2 41	15 6	1 35	23 39	0 40	10 2	2 16	15 44	0 45	18 44	1 15	30 13	16 55	8 40	8 38	28 27		n.a.	T 25
W26	8 48	21 26	4 53	11 51	1 4	2 2	2 26	14 55	1 35	23 39	0 40	9 59	2 17	15 43	0 45	18 44	1 15	30 13	16 54	8 40	8 37	28 26		n.a.	W26
T 27	9 11	16 13	4 15	12 30	1 10	1 43	2 11	14 43	1 35	23 39	0 40	9 57	2 17	15 42	0 45	18 45	1 15	30 13	16 54	8 40	8 36	28 26		n.a.	T 27
F 28	9 34	10 15	3 23	13 9	1 15	1 26	1 56	14 30	1 36	23 39	0 40	9 55	2 17	15 41	0 45	18 45	1 15	30 13	16 54	8 40	8 34	28 26		n.a.	F 28
S 29	9 57	3 53	2 20	13 47	1 21	1 10	1 42	14 18	1 36	23 39	0 41	9 53	2 17	15 41	0 45	18 46	1 15	30 13	16 53	8 41	8 33	28 25		n.a.	S 29
S 30	10 19	2s34	1 11	14 25	1 26	0 56	1 27	14 6	1 37	23 39	0 41	9 51	2 17	15 40	0 46	18 46	1 15	30 12	16 53	8 41	8 32	28 25		n.a.	S 30
M31	10s42	8s48	0s 2	15s 2	1s31	0s42	1s13	13n54	1n37	23n39	0n41	9n49	2n17	15n40	0n46	18s47	1n15	30s12	16s53	8n41	8n31	28s24		n.a.	M31

Julian Day Number = 1304580.5, Delta T = 07h47m13s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'43, Lahiri = -19°42'43 Julian Calendar 1 Oct. 1142 BCE == Greg. Calendar 20 Sept. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

NOVEMBER 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 23	28♎22'07	5♏ 7	7♏ 9	28♍59	28♌32	15♋ 4	10♍43	20♌23	27♏51	22°R 5	21°R55	21♈26	11♉11	n.a.	T 1
W 2	2 0 19	29°23'19	17°46	8°43	29° 3	29° 8	15° 6	10°49	20°25	27°53	22♒ 5	21♈55	21°23	11°17	n.a.	W 2
T 3	2 4 16	0♏24'31	0♐12	10°16	29° 8	29°44	15° 8	10°54	20°27	27°55	22° 5	21°54	21°20	11°24	n.a.	T 3
F 4	2 8 12	1°25'43	12°25	11°50	29°17	0♍19	15°10	10°59	20°29	27°57	22° 4	21°52	21°17	11°31	n.a.	F 4
S 5	2 12 9	2°26'56	24°27	13°24	29°27	0°55	15°11	11° 5	20°31	27°59	22° 4	21°51	21°13	11°38	n.a.	S 5
S 6	2 16 5	3°28'10	6♑23	14°57	29°39	1°31	15°12	11°10	20°32	28° 1	22° 4	21°49	21°10	11°44	n.a.	S 6
M 7	2 20 2	4°29'24	18°15	16°31	29°54	2° 6	15°13	11°15	20°34	28° 4	22° 4	21°48	21° 7	11°51	n.a.	M 7
T 8	2 23 58	5°30'38	0♒ 8	18° 4	0♎11	2°42	15°14	11°21	20°36	28° 6	22° 3	21°D48	21° 4	11°58	n.a.	T 8
W 9	2 27 55	6°31'53	12° 6	19°37	0°30	3°17	15°15	11°26	20°37	28° 8	22° 3	21°48	21° 1	12° 4	n.a.	W 9
T 10	2 31 52	7°33'08	24°14	21°10	0°50	3°53	15°15	11°31	20°39	28°10	22° 3	21°48	20°58	12°11	n.a.	T 10
F 11	2 35 48	8°34'23	6♓38	22°43	1°13	4°28	15°16	11°36	20°40	28°12	22° 3	21°50	20°54	12°18	n.a.	F 11
S 12	2 39 45	9°35'38	19°20	24°15	1°38	5° 3	15°R16	11°41	20°42	28°14	22° 3	21°51	20°51	12°25	n.a.	S 12
S 13	2 43 41	10°36'53	2♈24	25°47	2° 4	5°38	15°16	11°45	20°43	28°16	22° 3	21°52	20°48	12°31	n.a.	S 13
M14	2 47 38	11°38'09	15°52	27°18	2°32	6°14	15°15	11°50	20°44	28°19	22° 3	21°R53	20°45	12°38	n.a.	M14
T 15	2 51 34	12°39'24	29°44	28°49	3° 2	6°49	15°15	11°55	20°46	28°21	22° 2	21°53	20°42	12°45	n.a.	T 15
W16	2 55 31	13°40'40	13♉57	0♐18	3°33	7°24	15°14	11°59	20°47	28°23	22° 2	21°52	20°38	12°52	n.a.	W16
T 17	2 59 28	14°41'57	28°27	1°47	4° 6	7°59	15°13	12° 4	20°48	28°25	22°D 2	21°50	20°35	12°58	n.a.	T 17
F 18	3 3 24	15°43'13	13♊ 7	3°14	4°40	8°34	15°12	12° 8	20°49	28°28	22° 2	21°46	20°32	13° 5	n.a.	F 18
S 19	3 7 21	16°44'30	27°50	4°39	5°16	9° 9	15°11	12°13	20°50	28°30	22° 2	21°43	20°29	13°12	n.a.	S 19
S 20	3 11 17	17°45'47	12♋30	6° 3	5°53	9°44	15° 9	12°17	20°51	28°32	22° 3	21°39	20°26	13°18	n.a.	S 20
M21	3 15 14	18°47'05	26°59	7°24	6°31	10°19	15° 7	12°21	20°52	28°34	22° 3	21°37	20°23	13°25	n.a.	M21
T 22	3 19 10	19°48'23	11♌15	8°43	7°11	10°53	15° 5	12°25	20°53	28°36	22° 3	21°35	20°19	13°32	n.a.	T 22
W23	3 23 7	20°49'41	25°14	9°58	7°52	11°28	15° 3	12°29	20°54	28°39	22° 3	21°D35	20°16	13°39	n.a.	W23
T 24	3 27 3	21°50'59	8♍57	11°10	8°34	12° 3	15° 1	12°33	20°55	28°41	22° 3	21°36	20°13	13°45	n.a.	T 24
F 25	3 31 0	22°52'18	22°23	12°17	9°17	12°37	14°59	12°37	20°55	28°43	22° 3	21°37	20°10	13°52	n.a.	F 25
S 26	3 34 57	23°53'36	5♎34	13°19	10° 1	13°12	14°56	12°41	20°56	28°46	22° 3	21°39	20° 7	13°59	n.a.	S 26
S 27	3 38 53	24°54'55	18°32	14°16	10°47	13°46	14°53	12°45	20°57	28°48	22° 4	21°R40	20° 4	14° 6	n.a.	S 27
M28	3 42 50	25°56'13	1♏17	15° 5	11°33	14°21	14°50	12°48	20°57	28°50	22° 4	21°40	20° 0	14°12	n.a.	M28
T 29	3 46 46	26°57'32	13°52	15°47	12°20	14°55	14°47	12°52	20°58	28°52	22° 4	21°37	19°57	14°19	n.a.	T 29
W30	3 50 43	27♏58'50	26♏16	16♐21	13♎ 9	15♍29	14♋43	12♍55	20♌58	28♏55	22♒ 4	21♈33	19♈54	14♉26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 4	14s34	1s12	15s38	1s36	0s30	1s 0	13n42	1n37	23n39	0n41	9n47	2n18	15n39	0n46	18s47	1n15	30s12	16s52	8n41	8n30	28s24		n.a.
W 2	11 26	19 37	2 18	16 13	1 41	0 19	0 46	13 29	1 38	23 39	0 42	9 45	2 18	15 38	0 46	18 48	1 15	30 12	16 52	8 40	8 28	28 23		n.a.
T 3	11 48	23 43	3 16	16 48	1 45	0 10	0 33	13 17	1 38	23 39	0 42	9 43	2 18	15 38	0 46	18 48	1 15	30 12	16 52	8 40	8 27	28 23		n.a.
F 4	12 10	26 42	4 4	17 22	1 49	0 1	0 21	13 4	1 39	23 39	0 42	9 41	2 18	15 37	0 46	18 49	1 15	30 12	16 51	8 40	8 26	28 23		n.a.
S 5	12 31	28 23	4 41	17 55	1 53	0n 6	0 9	12 52	1 39	23 39	0 42	9 39	2 18	15 37	0 46	18 49	1 15	30 11	16 51	8 39	8 25	28 22		n.a.
S 6	12 53	28 45	5 5	18 27	1 57	0 11	0n 3	12 39	1 39	23 39	0 43	9 37	2 19	15 36	0 46	18 50	1 15	30 11	16 51	8 38	8 23	28 22		n.a.
M 7	13 14	27 46	5 15	18 58	2 0	0 16	0 15	12 27	1 40	23 39	0 43	9 36	2 19	15 36	0 46	18 50	1 15	30 11	16 50	8 38	8 22	28 21		n.a.
T 8	13 34	25 32	5 13	19 28	2 3	0 19	0 26	12 14	1 40	23 40	0 43	9 34	2 19	15 35	0 46	18 51	1 15	30 11	16 50	8 38	8 21	28 21		n.a.
W 9	13 55	22 11	4 57	19 57	2 6	0 21	0 36	12 2	1 41	23 40	0 43	9 32	2 19	15 35	0 46	18 51	1 15	30 10	16 49	8 38	8 20	28 20		n.a.
T 10	14 15	17 51	4 27	20 24	2 8	0 22	0 47	11 49	1 41	23 40	0 44	9 30	2 19	15 34	0 46	18 52	1 15	30 10	16 49	8 38	8 19	28 20		n.a.
F 11	14 36	12 41	3 44	20 51	2 10	0 22	0 57	11 36	1 41	23 40	0 44	9 29	2 20	15 34	0 46	18 52	1 15	30 10	16 49	8 38	8 17	28 19		n.a.
S 12	14 55	6 53	2 50	21 16	2 12	0 21	1 6	11 23	1 42	23 40	0 44	9 27	2 20	15 33	0 46	18 53	1 15	30 10	16 48	8 39	8 16	28 19		n.a.
S 13	15 15	0 38	1 45	21 40	2 13	0 19	1 15	11 10	1 42	23 41	0 44	9 25	2 20	15 33	0 46	18 53	1 15	30 9	16 48	8 39	8 15	28 18		n.a.
M14	15 34	5n50	0 33	22 2	2 13	0 16	1 24	10 58	1 43	23 41	0 45	9 24	2 20	15 33	0 46	18 54	1 15	30 9	16 48	8 40	8 14	28 17		n.a.
T 15	15 53	12 14	0n43	22 23	2 13	0 11	1 33	10 45	1 43	23 41	0 45	9 22	2 21	15 32	0 46	18 54	1 15	30 9	16 47	8 40	8 13	28 17		n.a.
W16	16 12	18 10	1 58	22 42	2 13	0 6	1 41	10 32	1 43	23 42	0 45	9 20	2 21	15 32	0 46	18 55	1 15	30 8	16 47	8 39	8 11	28 16		n.a.
T 17	16 31	23 11	3 8	23 0	2 11	0 0	1 48	10 19	1 44	23 42	0 45	9 19	2 21	15 32	0 46	18 55	1 15	30 8	16 47	8 38	8 10	28 16		n.a.
F 18	16 49	26 48	4 5	23 16	2 9	0s 7	1 56	10 6	1 44	23 42	0 46	9 17	2 21	15 31	0 46	18 56	1 15	30 8	16 46	8 37	8 9	28 15		n.a.
S 19	17 7	28 36	4 47	23 30	2 7	0 15	2 3	9 53	1 45	23 43	0 46	9 16	2 22	15 31	0 46	18 56	1 15	30 7	16 46	8 36	8 8	28 15		n.a.
S 20	17 24	28 22	5 9	23 42	2 4	0 24	2 10	9 40	1 45	23 43	0 46	9 14	2 22	15 31	0 46	18 57	1 15	30 7	16 46	8 35	8 6	28 14		n.a.
M21	17 42	26 12	5 12	23 52	1 59	0 33	2 16	9 27	1 45	23 44	0 46	9 13	2 22	15 30	0 46	18 58	1 14	30 7	16 45	8 33	8 5	28 13		n.a.
T 22	17 59	22 24	4 55	24 0	1 54	0 44	2 22	9 14	1 46	23 44	0 47	9 12	2 22	15 30	0 47	18 58	1 14	30 6	16 45	8 33	8 4	28 13		n.a.
W23	18 15	17 24	4 21	24 6	1 48	0 55	2 28	9 1	1 46	23 45	0 47	9 10	2 22	15 30	0 47	18 59	1 14	30 6	16 44	8 33	8 3	28 12		n.a.
T 24	18 32	11 37	3 33	24 10	1 42	1 7	2 33	8 47	1 47	23 45	0 47	9 9	2 23	15 30	0 47	18 59	1 14	30 5	16 44	8 33	8 2	28 12		n.a.
F 25	18 48	5 25	2 33	24 11	1 34	1 19	2 38	8 34	1 47	23 46	0 47	9 8	2 23	15 30	0 47	19 0	1 14	30 5	16 44	8 34	8 0	28 11		n.a.
S 26	19 3	0s55	1 27	24 10	1 24	1 33	2 43	8 21	1 47	23 46	0 48	9 6	2 23	15 29	0 47	19 0	1 14	30 5	16 43	8 34	7 59	28 10		n.a.
S 27	19 18	7 7	0 17	24 7	1 14	1 46	2 48	8 8	1 48	23 47	0 48	9 5	2 23	15 29	0 47	19 1	1 14	30 4	16 43	8 35	7 58	28 10		n.a.
M28	19 33	12 56	0s52	24 1	1 3	2 1	2 52	7 55	1 48	23 47	0 48	9 4	2 24	15 29	0 47	19 1	1 14	30 4	16 43	8 35	7 57	28 9		n.a.
T 29	19 48	18 8	1 58	23 53	0 50	2 16	2 56	7 42	1 48	23 48	0 48	9 3	2 24	15 29	0 47	19 2	1 14	30 3	16 42	8 34	7 56	28 8		n.a.
W30	20s 2	22s30	2s57	23s43	0s36	2s31	2n59	7n29	1n49	23n49	0n49	9n 2	2n24	15n29	0n47	19s 2	1n14	30s 3	16s42	8n32	7n54	28s 8		n.a.

Julian Day Number = 1304611.5, Delta T = 07h47m11s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'39, Lahiri = -19°42'39 Julian Calendar 1 Nov. 1142 BCE == Greg. Calendar 21 Oct. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1142 BCE
geocentric

DECEMBER 1142 BCE (-1141) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 39	29♏ 0'08	8♐31	16♐46	13♎58	16♍ 4	14°R40	12♍59	20♌58	28♏57	22♒ 5	21°R27	19♈51	14♉32	n.a.	T 1
F 2	3 58 36	0♐ 1'26	20°37	17° 0	14°47	16°38	14♋36	13° 2	20°59	28°59	22° 5	21♈20	19°48	14°39	n.a.	F 2
S 3	4 2 33	1° 2'43	2♉37	17°R 3	15°38	17°12	14°32	13° 5	20°59	29° 1	22° 5	21°12	19°44	14°46	n.a.	S 3
S 4	4 6 29	2° 3'59	14°31	16°55	16°30	17°46	14°28	13° 8	20°59	29° 4	22° 6	21° 4	19°41	14°53	n.a.	S 4
M 5	4 10 26	3° 5'15	26°22	16°35	17°22	18°20	14°24	13°11	20°59	29° 6	22° 6	20°57	19°38	14°59	n.a.	M 5
T 6	4 14 22	4° 6'30	8♒13	16° 3	18°15	18°53	14°19	13°14	20°59	29° 8	22° 7	20°52	19°35	15° 6	n.a.	T 6
W 7	4 18 19	5° 7'44	20° 9	15°20	19° 8	19°27	14°14	13°17	20°R59	29°11	22° 7	20°49	19°32	15°13	n.a.	W 7
T 8	4 22 15	6° 8'58	2♓13	14°26	20° 2	20° 1	14°10	13°19	20°59	29°13	22° 8	20°D47	19°29	15°19	n.a.	T 8
F 9	4 26 12	7°10'10	14°31	13°24	20°57	20°34	14° 5	13°22	20°59	29°15	22° 8	20°47	19°25	15°26	n.a.	F 9
S 10	4 30 8	8°11'21	27° 8	12°14	21°53	21° 8	13°59	13°24	20°59	29°17	22° 9	20°48	19°22	15°33	n.a.	S 10
S 11	4 34 5	9°12'31	10♈ 7	10°59	22°49	21°41	13°54	13°27	20°59	29°20	22° 9	20°50	19°19	15°40	n.a.	S 11
M12	4 38 2	10°13'41	23°34	9°42	23°45	22°14	13°49	13°29	20°59	29°22	22°10	20°R50	19°16	15°46	n.a.	M12
T 13	4 41 58	11°14'49	7♉29	8°24	24°42	22°48	13°43	13°31	20°58	29°24	22°10	20°49	19°13	15°53	n.a.	T 13
W14	4 45 55	12°15'56	21°51	7° 8	25°40	23°21	13°37	13°33	20°58	29°26	22°11	20°45	19°10	16° 0	n.a.	W14
T 15	4 49 51	13°17'02	6♊38	5°56	26°38	23°54	13°32	13°35	20°57	29°29	22°12	20°39	19° 6	16° 7	n.a.	T 15
F 16	4 53 48	14°18'08	21°40	4°51	27°37	24°27	13°25	13°37	20°57	29°31	22°12	20°32	19° 3	16°13	n.a.	F 16
S 17	4 57 44	15°19'12	6♋50	3°52	28°36	25° 0	13°19	13°39	20°56	29°33	22°13	20°23	19° 0	16°20	n.a.	S 17
S 18	5 1 41	16°20'16	21°57	3° 2	29°36	25°32	13°13	13°41	20°56	29°35	22°14	20°14	18°57	16°27	n.a.	S 18
M19	5 5 38	17°21'19	6♌50	2°21	0♏36	26° 5	13° 7	13°42	20°55	29°37	22°14	20° 7	18°54	16°33	n.a.	M19
T 20	5 9 34	18°22'21	21°23	1°48	1°36	26°38	13° 0	13°44	20°55	29°40	22°15	20° 1	18°50	16°40	n.a.	T 20
W21	5 13 31	19°23'22	5♍32	1°25	2°37	27°10	12°53	13°45	20°54	29°42	22°16	19°58	18°47	16°47	n.a.	W21
T 22	5 17 27	20°24'22	19°16	1°10	3°38	27°42	12°47	13°47	20°53	29°44	22°17	19°D57	18°44	16°54	n.a.	T 22
F 23	5 21 24	21°25'21	2♎36	1°D 4	4°40	28°15	12°40	13°48	20°52	29°46	22°18	19°58	18°41	17° 0	n.a.	F 23
S 24	5 25 20	22°26'19	15°36	1° 5	5°42	28°47	12°33	13°49	20°51	29°48	22°18	19°R58	18°38	17° 7	n.a.	S 24
S 25	5 29 17	23°27'17	28°19	1°14	6°44	29°19	12°26	13°50	20°50	29°50	22°19	19°58	18°35	17°14	n.a.	S 25
M26	5 33 13	24°28'13	10♏48	1°30	7°47	29°51	12°19	13°51	20°49	29°52	22°20	19°56	18°31	17°21	n.a.	M26
T 27	5 37 10	25°29'08	23° 6	1°52	8°50	0♎22	12°11	13°51	20°48	29°55	22°21	19°51	18°28	17°27	n.a.	T 27
W28	5 41 7	26°30'02	5♐16	2°20	9°53	0°54	12° 4	13°52	20°47	29°57	22°22	19°43	18°25	17°34	n.a.	W28
T 29	5 45 3	27°30'55	17°19	2°54	10°57	1°26	11°56	13°53	20°46	29°59	22°23	19°33	18°22	17°41	n.a.	T 29
F 30	5 49 0	28°31'47	29°18	3°32	12° 1	1°57	11°49	13°53	20°45	0♐ 1	22°24	19°20	18°19	17°47	n.a.	F 30
S 31	5 52 56	29♐32'37	11♉13	4♐15	13♏ 5	2♎28	11♋41	13♍53	20♌43	0♐ 3	22♒25	19♈ 6	18♈16	17♉54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s16	25s49	3s47	23s30	0s21	2s47	3n 3	7n15	1n49	23n49	0n49	9n 1	2n25	15n29	0n47	19s 3	1n14	30s 2	16s42	8n30	7n53	28s 7			n.a.
F 2	20 29	27 55	4 26	23 16	0 4	3 4	3 6	7 2	1 50	23 50	0 49	9 0	2 25	15 29	0 47	19 3	1 14	30 2	16 41	8 27	7 52	28 6			n.a.
S 3	20 42	28 41	4 53	22 58	0n13	3 21	3 9	6 49	1 50	23 51	0 49	8 59	2 25	15 29	0 47	19 4	1 14	30 2	16 41	8 24	7 51	28 6			n.a.
S 4	20 55	28 6	5 7	22 39	0 31	3 38	3 12	6 36	1 50	23 51	0 50	8 58	2 25	15 29	0 47	19 4	1 14	30 1	16 40	8 21	7 49	28 5			n.a.
M 5	21 7	26 15	5 7	22 18	0 51	3 56	3 14	6 23	1 51	23 52	0 50	8 57	2 26	15 29	0 47	19 5	1 14	30 1	16 40	8 19	7 48	28 4			n.a.
T 6	21 19	23 15	4 55	21 56	1 10	4 15	3 17	6 10	1 51	23 53	0 50	8 56	2 26	15 29	0 47	19 5	1 14	30 0	16 40	8 16	7 47	28 3			n.a.
W 7	21 30	19 15	4 29	21 31	1 30	4 33	3 19	5 57	1 51	23 53	0 50	8 55	2 26	15 29	0 47	19 6	1 14	30 0	16 39	8 15	7 46	28 3			n.a.
T 8	21 41	14 27	3 52	21 6	1 49	4 52	3 21	5 44	1 52	23 54	0 51	8 54	2 26	15 29	0 47	19 6	1 14	29 59	16 39	8 15	7 45	28 2			n.a.
F 9	21 52	9 0	3 3	20 40	2 8	5 12	3 22	5 30	1 52	23 55	0 51	8 54	2 27	15 29	0 47	19 7	1 14	29 59	16 39	8 15	7 43	28 1			n.a.
S 10	22 2	3 3	2 4	20 14	2 25	5 31	3 24	5 17	1 52	23 56	0 51	8 53	2 27	15 29	0 47	19 7	1 14	29 58	16 38	8 15	7 42	28 0			n.a.
S 11	22 12	3n12	0 57	19 48	2 41	5 51	3 25	5 4	1 53	23 57	0 51	8 52	2 27	15 29	0 47	19 8	1 14	29 58	16 38	8 16	7 41	28 0			n.a.
M12	22 21	9 31	0n15	19 23	2 55	6 11	3 26	4 51	1 53	23 57	0 51	8 52	2 28	15 29	0 47	19 8	1 14	29 57	16 38	8 16	7 40	27 59			n.a.
T 13	22 30	15 37	1 28	19 0	3 7	6 32	3 27	4 38	1 54	23 58	0 52	8 51	2 28	15 29	0 48	19 9	1 14	29 57	16 37	8 15	7 38	27 58			n.a.
W14	22 38	21 5	2 39	18 38	3 16	6 52	3 27	4 25	1 54	23 59	0 52	8 50	2 28	15 30	0 48	19 9	1 14	29 56	16 37	8 14	7 37	27 57			n.a.
T 15	22 46	25 23	3 40	18 19	3 23	7 13	3 28	4 12	1 54	24 0	0 52	8 50	2 28	15 30	0 48	19 10	1 14	29 55	16 37	8 12	7 36	27 56			n.a.
F 16	22 54	28 1	4 28	18 3	3 28	7 34	3 28	3 59	1 55	24 1	0 52	8 49	2 29	15 30	0 48	19 10	1 14	29 55	16 36	8 9	7 35	27 56			n.a.
S 17	23 1	28 35	4 57	17 50	3 30	7 55	3 28	3 46	1 55	24 2	0 53	8 49	2 29	15 30	0 48	19 11	1 14	29 54	16 36	8 5	7 34	27 55			n.a.
S 18	23 7	27 1	5 5	17 40	3 30	8 16	3 28	3 33	1 55	24 2	0 53	8 49	2 29	15 30	0 48	19 11	1 14	29 54	16 36	8 2	7 32	27 54			n.a.
M19	23 13	23 34	4 52	17 34	3 29	8 38	3 28	3 21	1 56	24 3	0 53	8 48	2 29	15 31	0 48	19 12	1 14	29 53	16 35	7 59	7 31	27 53			n.a.
T 20	23 19	18 43	4 21	17 31	3 25	8 59	3 27	3 8	1 56	24 4	0 53	8 48	2 30	15 31	0 48	19 12	1 14	29 53	16 35	7 57	7 30	27 52			n.a.
W21	23 24	12 57	3 34	17 31	3 21	9 21	3 27	2 55	1 56	24 5	0 53	8 48	2 30	15 31	0 48	19 13	1 14	29 52	16 35	7 56	7 29	27 52			n.a.
T 22	23 29	6 42	2 36	17 33	3 15	9 43	3 26	2 42	1 57	24 6	0 54	8 47	2 30	15 31	0 48	19 13	1 14	29 52	16 34	7 56	7 27	27 51			n.a.
F 23	23 33	0 21	1 31	17 39	3 8	10 4	3 25	2 29	1 57	24 7	0 54	8 47	2 31	15 32	0 48	19 13	1 14	29 51	16 34	7 56	7 26	27 50			n.a.
S 24	23 37	5s53	0 23	17 47	3 0	10 26	3 24	2 17	1 57	24 8	0 54	8 47	2 31	15 32	0 48	19 14	1 14	29 50	16 34	7 56	7 25	27 49			n.a.
S 25	23 40	11 44	0s44	17 57	2 51	10 48	3 23	2 4	1 58	24 8	0 54	8 47	2 31	15 32	0 48	19 14	1 14	29 50	16 34	7 56	7 24	27 48			n.a.
M26	23 43	17 1	1 48	18 9	2 42	11 9	3 22	1 52	1 58	24 9	0 54	8 47	2 31	15 33	0 48	19 15	1 14	29 49	16 33	7 55	7 23	27 47			n.a.
T 27	23 45	21 32	2 46	18 23	2 33	11 31	3 20	1 39	1 58	24 10	0 55	8 47	2 32	15 33	0 48	19 15	1 14	29 49	16 33	7 53	7 21	27 46			n.a.
W28	23 47	25 4	3 36	18 38	2 23	11 53	3 19	1 26	1 58	24 11	0 55	8 47	2 32	15 34	0 48	19 16	1 14	29 48	16 33	7 50	7 20	27 45			n.a.
T 29	23 49	27 27	4 15	18 54	2 13	12 14	3 17	1 14	1 59	24 12	0 55	8 47	2 32	15 34	0 48	19 16	1 14	29 47	16 32	7 46	7 19	27 44			n.a.
F 30	23 49	28 33	4 43	19 12	2 3	12 36	3 15	1 2	1 59	24 13	0 55	8 47	2 33	15 34	0 48	19 17	1 14	29 47	16 32	7 41	7 18	27 43			n.a.
S 31	23s50	28s18	4s58	19s30	1n53	12s57	3n13	0n49	1n59	24n14	0n55	8n47	2n33	15n35	0n48	19s17	1n14	29s46	16s32	7n36	7n16	27s43			n.a.

Julian Day Number = 1304641.5, Delta T = 07h47m10s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'35, Lahiri = -19°42'35 Julian Calendar 1 Dec. 1142 BCE == Greg. Calendar 20 Nov. 1142 BCE

The year -1141 astronomical counting style corresponds to year 1142 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

JANUARY 1141 BCE (-1140) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 53	0♉33'25	23♉ 5	5♐ 1	14♏ 9	2♎59	11°R34	13♍54	20°R42	0♐ 5	22♒26	18°R52	18♈12	18♉ 1	n.a.	S 1
M 2	6 0 49	1°34'12	4♒56	5°52	15°14	3°30	11♋26	13°54	20♌41	0° 7	22°27	18♈39	18° 9	18° 8	n.a.	M 2
T 3	6 4 46	2°34'58	16°49	6°45	16°19	4° 1	11°18	13°R54	20°39	0° 9	22°28	18°29	18° 6	18°14	n.a.	T 3
W 4	6 8 43	3°35'41	28°45	7°42	17°24	4°32	11°11	13°54	20°38	0°11	22°29	18°21	18° 3	18°21	n.a.	W 4
T 5	6 12 39	4°36'23	10♓48	8°42	18°29	5° 3	11° 3	13°54	20°36	0°13	22°30	18°16	18° 0	18°28	n.a.	T 5
F 6	6 16 36	5°37'02	23° 3	9°44	19°35	5°33	10°55	13°53	20°35	0°15	22°31	18°14	17°56	18°35	n.a.	F 6
S 7	6 20 32	6°37'40	5♈34	10°49	20°41	6° 3	10°47	13°53	20°33	0°17	22°32	18°D13	17°53	18°41	n.a.	S 7
S 8	6 24 29	7°38'16	18°26	11°56	21°47	6°33	10°39	13°52	20°32	0°19	22°33	18°R13	17°50	18°48	n.a.	S 8
M 9	6 28 25	8°38'50	1♉44	13° 5	22°53	7° 3	10°31	13°52	20°30	0°20	22°34	18°13	17°47	18°55	n.a.	M 9
T 10	6 32 22	9°39'22	15°31	14°16	23°59	7°33	10°23	13°51	20°28	0°22	22°35	18°10	17°44	19° 1	n.a.	T 10
W11	6 36 18	10°39'52	29°48	15°29	25° 6	8° 3	10°15	13°50	20°26	0°24	22°36	18° 6	17°41	19° 8	n.a.	W11
T 12	6 40 15	11°40'20	14♊32	16°44	26°12	8°32	10° 7	13°50	20°25	0°26	22°38	17°58	17°37	19°15	n.a.	T 12
F 13	6 44 12	12°40'46	29°40	18° 0	27°19	9° 1	10° 0	13°49	20°23	0°28	22°39	17°48	17°34	19°22	n.a.	F 13
S 14	6 48 8	13°41'10	15♋ 0	19°18	28°26	9°31	9°52	13°47	20°21	0°30	22°40	17°37	17°31	19°28	n.a.	S 14
S 15	6 52 5	14°41'33	0♌22	20°37	29°34	10° 0	9°44	13°46	20°19	0°31	22°41	17°25	17°28	19°35	n.a.	S 15
M16	6 56 1	15°41'53	15°33	21°58	0♐41	10°28	9°36	13°45	20°17	0°33	22°42	17°15	17°25	19°42	n.a.	M16
T 17	6 59 58	16°42'12	0♍24	23°20	1°49	10°57	9°28	13°44	20°15	0°35	22°44	17° 7	17°22	19°49	n.a.	T 17
W18	7 3 54	17°42'29	14°48	24°43	2°56	11°25	9°20	13°42	20°13	0°37	22°45	17° 2	17°18	19°55	n.a.	W18
T 19	7 7 51	18°42'45	28°43	26° 8	4° 4	11°54	9°13	13°41	20°11	0°38	22°46	17° 0	17°15	20° 2	n.a.	T 19
F 20	7 11 47	19°42'59	12♎ 9	27°33	5°12	12°22	9° 5	13°39	20° 9	0°40	22°47	16°59	17°12	20° 9	n.a.	F 20
S 21	7 15 44	20°43'11	25°10	29° 0	6°20	12°49	8°57	13°37	20° 7	0°42	22°49	16°59	17° 9	20°15	n.a.	S 21
S 22	7 19 41	21°43'21	7♏50	0♉28	7°29	13°17	8°50	13°35	20° 5	0°43	22°50	16°58	17° 6	20°22	n.a.	S 22
M23	7 23 37	22°43'30	20°12	1°58	8°37	13°44	8°42	13°33	20° 2	0°45	22°51	16°56	17° 2	20°29	n.a.	M23
T 24	7 27 34	23°43'37	2♐22	3°28	9°46	14°12	8°35	13°31	20° 0	0°46	22°53	16°51	16°59	20°36	n.a.	T 24
W25	7 31 30	24°43'43	14°24	5° 0	10°54	14°39	8°27	13°29	19°58	0°48	22°54	16°43	16°56	20°42	n.a.	W25
T 26	7 35 27	25°43'46	26°20	6°32	12° 3	15° 5	8°20	13°27	19°56	0°49	22°55	16°32	16°53	20°49	n.a.	T 26
F 27	7 39 23	26°43'48	8♉13	8° 6	13°12	15°32	8°13	13°24	19°53	0°51	22°57	16°19	16°50	20°56	n.a.	F 27
S 28	7 43 20	27°43'47	20° 5	9°41	14°21	15°58	8° 6	13°22	19°51	0°52	22°58	16° 4	16°47	21° 3	n.a.	S 28
S 29	7 47 16	28°43'45	1♒57	11°17	15°30	16°24	7°59	13°20	19°49	0°54	22°59	15°50	16°43	21° 9	n.a.	S 29
M30	7 51 13	29°43'40	13°51	12°54	16°39	16°50	7°52	13°17	19°46	0°55	23° 1	15°36	16°40	21°16	n.a.	M30
T 31	7 55 10	0♒43'33	25♒47	14♉33	17♐48	17♎15	7♋45	13♍14	19♌44	0♐57	23♒ 2	15♈25	16♈37	21♉23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s50	26s44	5s 0	19s48	1n43	13s18	3n11	0n37	2n 0	24n14	0n55	8n47	2n33	15n35	0n48	19s17	1n14	29s46	16s31	7n31	7n15	27s42			n.a.
M 2	23 49	24 0	4 49	20 7	1 33	13 39	3 9	0 25	2 0	24 15	0 56	8 47	2 34	15 36	0 48	19 18	1 14	29 45	16 31	7 26	7 14	27 41			n.a.
T 3	23 48	20 15	4 25	20 26	1 22	14 0	3 7	0 13	2 0	24 16	0 56	8 48	2 34	15 36	0 48	19 18	1 14	29 44	16 31	7 22	7 13	27 40			n.a.
W 4	23 47	15 41	3 50	20 46	1 12	14 21	3 5	0 0	2 0	24 17	0 56	8 48	2 34	15 37	0 48	19 19	1 14	29 44	16 31	7 18	7 11	27 39			n.a.
T 5	23 45	10 28	3 4	21 5	1 2	14 42	3 2	0s12	2 1	24 18	0 56	8 48	2 34	15 37	0 48	19 19	1 14	29 43	16 30	7 17	7 10	27 38			n.a.
F 6	23 43	4 46	2 9	21 25	0 53	15 2	3 0	0 24	2 1	24 19	0 56	8 49	2 35	15 38	0 48	19 19	1 14	29 43	16 30	7 16	7 9	27 37			n.a.
S 7	23 40	1n14	1 6	21 44	0 43	15 22	2 57	0 36	2 1	24 19	0 56	8 49	2 35	15 38	0 49	19 20	1 14	29 42	16 30	7 15	7 8	27 36			n.a.
S 8	23 36	7 22	0n 1	22 2	0 33	15 42	2 55	0 47	2 2	24 20	0 57	8 49	2 35	15 39	0 49	19 20	1 14	29 41	16 30	7 15	7 7	27 35			n.a.
M 9	23 33	13 22	1 11	22 21	0 24	16 2	2 52	0 59	2 2	24 21	0 57	8 50	2 35	15 40	0 49	19 21	1 14	29 41	16 29	7 15	7 5	27 34			n.a.
T 10	23 28	18 58	2 19	22 38	0 15	16 21	2 49	1 11	2 2	24 22	0 57	8 50	2 36	15 40	0 49	19 21	1 14	29 40	16 29	7 14	7 4	27 33			n.a.
W11	23 24	23 42	3 21	22 56	0 6	16 40	2 46	1 22	2 2	24 23	0 57	8 51	2 36	15 41	0 49	19 21	1 15	29 39	16 29	7 13	7 3	27 32			n.a.
T 12	23 19	27 4	4 11	23 12	0s 3	16 59	2 43	1 34	2 2	24 23	0 57	8 52	2 36	15 41	0 49	19 22	1 15	29 39	16 29	7 10	7 2	27 31			n.a.
F 13	23 13	28 35	4 45	23 28	0 11	17 17	2 40	1 46	2 3	24 24	0 57	8 52	2 37	15 42	0 49	19 22	1 15	29 38	16 28	7 6	7 0	27 30			n.a.
S 14	23 7	27 56	4 59	23 43	0 19	17 36	2 37	1 57	2 3	24 25	0 57	8 53	2 37	15 43	0 49	19 22	1 15	29 38	16 28	7 1	6 59	27 29			n.a.
S 15	23 0	25 9	4 52	23 57	0 27	17 53	2 34	2 8	2 3	24 25	0 57	8 54	2 37	15 43	0 49	19 23	1 15	29 37	16 28	6 57	6 58	27 28			n.a.
M16	22 54	20 38	4 25	24 10	0 35	18 11	2 30	2 20	2 3	24 26	0 58	8 54	2 37	15 44	0 49	19 23	1 15	29 36	16 28	6 53	6 57	27 27			n.a.
T 17	22 46	14 55	3 39	24 22	0 42	18 28	2 27	2 31	2 4	24 27	0 58	8 55	2 38	15 45	0 49	19 24	1 15	29 36	16 28	6 50	6 55	27 26			n.a.
W18	22 38	8 33	2 41	24 33	0 50	18 45	2 24	2 42	2 4	24 27	0 58	8 56	2 38	15 45	0 49	19 24	1 15	29 35	16 27	6 48	6 54	27 24			n.a.
T 19	22 30	1 58	1 35	24 43	0 57	19 1	2 20	2 53	2 4	24 28	0 58	8 57	2 38	15 46	0 49	19 24	1 15	29 34	16 27	6 47	6 53	27 23			n.a.
F 20	22 21	4s29	0 25	24 52	1 3	19 17	2 17	3 4	2 4	24 29	0 58	8 58	2 38	15 47	0 49	19 25	1 15	29 34	16 27	6 47	6 52	27 22			n.a.
S 21	22 12	10 34	0s43	24 59	1 10	19 32	2 13	3 15	2 4	24 29	0 58	8 59	2 39	15 47	0 49	19 25	1 15	29 33	16 27	6 47	6 51	27 21			n.a.
S 22	22 3	16 3	1 48	25 6	1 16	19 47	2 10	3 25	2 4	24 30	0 58	9 0	2 39	15 48	0 49	19 25	1 15	29 33	16 27	6 46	6 49	27 20			n.a.
M23	21 53	20 45	2 46	25 10	1 21	20 2	2 6	3 36	2 5	24 31	0 58	9 1	2 39	15 49	0 49	19 25	1 15	29 32	16 26	6 45	6 48	27 19			n.a.
T 24	21 43	24 29	3 35	25 14	1 27	20 16	2 2	3 47	2 5	24 31	0 58	9 2	2 40	15 50	0 49	19 26	1 15	29 31	16 26	6 43	6 47	27 18			n.a.
W25	21 32	27 6	4 14	25 16	1 32	20 29	1 59	3 57	2 5	24 32	0 58	9 3	2 40	15 50	0 49	19 26	1 15	29 31	16 26	6 40	6 46	27 17			n.a.
T 26	21 21	28 28	4 41	25 17	1 37	20 43	1 55	4 7	2 5	24 32	0 58	9 4	2 40	15 51	0 49	19 26	1 15	29 30	16 26	6 36	6 44	27 16			n.a.
F 27	21 9	28 30	4 57	25 16	1 41	20 55	1 51	4 18	2 5	24 33	0 58	9 5	2 40	15 52	0 49	19 27	1 15	29 29	16 26	6 31	6 43	27 14			n.a.
S 28	20 57	27 13	4 59	25 13	1 45	21 7	1 47	4 28	2 5	24 33	0 59	9 6	2 40	15 53	0 49	19 27	1 15	29 29	16 26	6 25	6 42	27 13			n.a.
S 29	20 45	24 43	4 48	25 9	1 49	21 19	1 44	4 38	2 5	24 34	0 59	9 7	2 41	15 53	0 49	19 27	1 15	29 28	16 26	6 20	6 41	27 12			n.a.
M30	20 33	21 9	4 25	25 4	1 52	21 30	1 40	4 48	2 5	24 34	0 59	9 9	2 41	15 54	0 49	19 27	1 15	29 28	16 25	6 14	6 39	27 11			n.a.
T 31	20s20	16s43	3s49	24s56	1s55	21s40	1n36	4s57	2n 5	24n35	0n59	9n10	2n41	15n55	0n49	19s28	1n15	29s27	16s25	6n10	6n38	27s10			n.a.

Julian Day Number = 1304672.5, Delta T = 07h47m08s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'31, Lahiri = -19°42'30 Julian Calendar 1 Jan. 1141 BCE == Greg. Calendar 21 Dec. 1142 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

FEBRUARY 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 59 6	1♒43'24	7♓49	16♉12	18♐57	17♎40	7°R38	13°R12	19°R42	0♐58	23♒ 3	15°R17	16♈34	21♉29	n.a.	W 1
T 2	8 3 3	2°43'13	19°58	17°52	20° 7	18° 5	7♋31	13♍ 9	19♏39	0°59	23° 5	15♈11	16°31	21°36	n.a.	T 2
F 3	8 6 59	3°42'59	2♈17	19°34	21°16	18°30	7°25	13° 6	19°37	1° 0	23° 6	15° 8	16°28	21°43	n.a.	F 3
S 4	8 10 56	4°42'43	14°49	21°17	22°26	18°54	7°19	13° 3	19°34	1° 2	23° 8	15°D 8	16°24	21°50	n.a.	S 4
S 5	8 14 52	5°42'25	27°39	23° 1	23°35	19°19	7°12	13° 0	19°32	1° 3	23° 9	15° 8	16°21	21°56	n.a.	S 5
M 6	8 18 49	6°42'04	10♉51	24°46	24°45	19°42	7° 6	12°57	19°29	1° 4	23°10	15°R 8	16°18	22° 3	n.a.	M 6
T 7	8 22 45	7°41'40	24°28	26°33	25°55	20° 6	7° 0	12°53	19°27	1° 5	23°12	15° 7	16°15	22°10	n.a.	T 7
W 8	8 26 42	8°41'15	8♊33	28°21	27° 5	20°29	6°54	12°50	19°24	1° 6	23°13	15° 3	16°12	22°16	n.a.	W 8
T 9	8 30 38	9°40'47	23° 4	0♒ 9	28°15	20°52	6°49	12°47	19°22	1° 8	23°15	14°58	16° 8	22°23	n.a.	T 9
F 10	8 34 35	10°40'16	7♋59	2° 0	29°25	21°14	6°43	12°43	19°19	1° 9	23°16	14°50	16° 5	22°30	n.a.	F 10
S 11	8 38 32	11°39'43	23° 9	3°51	0♉35	21°37	6°38	12°40	19°16	1°10	23°18	14°41	16° 2	22°37	n.a.	S 11
S 12	8 42 28	12°39'08	8♌26	5°44	1°45	21°59	6°33	12°36	19°14	1°11	23°19	14°31	15°59	22°43	n.a.	S 12
M13	8 46 25	13°38'31	23°38	7°38	2°55	22°20	6°27	12°33	19°11	1°12	23°21	14°22	15°56	22°50	n.a.	M13
T 14	8 50 21	14°37'51	8♍35	9°33	4° 5	22°41	6°23	12°29	19° 9	1°13	23°22	14°16	15°53	22°57	n.a.	T 14
W15	8 54 18	15°37'09	23° 8	11°29	5°16	23° 2	6°18	12°25	19° 6	1°14	23°24	14°12	15°49	23° 4	n.a.	W15
T 16	8 58 14	16°36'25	7♎13	13°26	6°26	23°23	6°13	12°21	19° 4	1°15	23°25	14°10	15°46	23°10	n.a.	T 16
F 17	9 2 11	17°35'39	20°49	15°25	7°36	23°43	6° 9	12°17	19° 1	1°15	23°27	14°D10	15°43	23°17	n.a.	F 17
S 18	9 6 7	18°34'52	3♏58	17°25	8°47	24° 3	6° 4	12°14	18°58	1°16	23°28	14°11	15°40	23°24	n.a.	S 18
S 19	9 10 4	19°34'02	16°42	19°25	9°58	24°22	6° 0	12°10	18°56	1°17	23°29	14°R11	15°37	23°30	n.a.	S 19
M20	9 14 1	20°33'11	29° 7	21°27	11° 8	24°41	5°56	12° 6	18°53	1°18	23°31	14°11	15°34	23°37	n.a.	M20
T 21	9 17 57	21°32'18	11♐17	23°29	12°19	24°59	5°52	12° 2	18°51	1°19	23°32	14° 9	15°30	23°44	n.a.	T 21
W22	9 21 54	22°31'22	23°16	25°32	13°29	25°18	5°49	11°57	18°48	1°19	23°34	14° 4	15°27	23°51	n.a.	W22
T 23	9 25 50	23°30'25	5♉10	27°36	14°40	25°35	5°45	11°53	18°45	1°20	23°35	13°58	15°24	23°57	n.a.	T 23
F 24	9 29 47	24°29'26	17° 0	29°39	15°51	25°52	5°42	11°49	18°43	1°21	23°37	13°50	15°21	24° 4	n.a.	F 24
S 25	9 33 43	25°28'25	28°52	1♓43	17° 2	26° 9	5°39	11°45	18°40	1°21	23°38	13°40	15°18	24°11	n.a.	S 25
S 26	9 37 40	26°27'22	10♒46	3°47	18°13	26°25	5°36	11°41	18°38	1°22	23°40	13°31	15°14	24°18	n.a.	S 26
M27	9 41 36	27°26'16	22°45	5°49	19°24	26°41	5°33	11°36	18°35	1°22	23°41	13°22	15°11	24°24	n.a.	M27
T 28	9 45 33	28°25'09	4♓50	7°52	20°35	26°57	5°31	11°32	18°32	1°23	23°43	13°15	15° 8	24°31	n.a.	T 28
W29	9 49 29	29♒23'59	17♓ 2	9♓52	21♉46	27♎11	5♋29	11♍28	18♏30	1♐23	23♒44	13♈10	15♈ 5	24♉38	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 6	11s36	3s 4	24s47	1s58	21s50	1n32	5s 7	2n 5	24n35	0n59	9n11	2n41	15n56	0n49	19s28	1n15	29s26	16s25	6n 7	6n37	27s 9		n.a.
T 2	19 52	6 1	2 9	24 36	2 0	22 0	1 28	5 17	2 5	24 36	0 59	9 13	2 42	15 57	0 49	19 28	1 15	29 26	16 25	6 5	6 36	27 7		n.a.
F 3	19 38	0 7	1 8	24 23	2 2	22 8	1 24	5 26	2 5	24 36	0 59	9 14	2 42	15 57	0 49	19 28	1 15	29 25	16 25	6 3	6 34	27 6		n.a.
S 4	19 24	5n54	0 2	24 9	2 3	22 16	1 20	5 36	2 6	24 36	0 59	9 15	2 42	15 58	0 49	19 29	1 15	29 25	16 25	6 3	6 33	27 5		n.a.
S 5	19 9	11 50	1n 6	23 52	2 4	22 24	1 17	5 45	2 6	24 37	0 59	9 17	2 42	15 59	0 49	19 29	1 15	29 24	16 25	6 3	6 32	27 4		n.a.
M 6	18 54	17 25	2 12	23 34	2 5	22 31	1 13	5 54	2 5	24 37	0 59	9 18	2 43	16 0	0 49	19 29	1 15	29 23	16 25	6 3	6 31	27 3		n.a.
T 7	18 39	22 19	3 13	23 14	2 5	22 37	1 9	6 3	2 5	24 37	0 59	9 19	2 43	16 1	0 49	19 29	1 15	29 23	16 24	6 3	6 29	27 1		n.a.
W 8	18 23	26 6	4 4	22 52	2 4	22 43	1 5	6 12	2 5	24 38	0 59	9 21	2 43	16 1	0 49	19 30	1 15	29 22	16 24	6 2	6 28	27 0		n.a.
T 9	18 7	28 20	4 41	22 27	2 3	22 48	1 1	6 21	2 5	24 38	0 59	9 22	2 43	16 2	0 49	19 30	1 15	29 22	16 24	5 59	6 27	26 59		n.a.
F 10	17 51	28 36	5 1	22 1	2 2	22 53	0 57	6 29	2 5	24 38	0 59	9 24	2 43	16 3	0 49	19 30	1 15	29 21	16 24	5 56	6 26	26 58		n.a.
S 11	17 34	26 44	5 0	21 33	2 0	22 57	0 53	6 38	2 5	24 39	0 59	9 26	2 43	16 4	0 49	19 30	1 15	29 20	16 24	5 53	6 25	26 56		n.a.
S 12	17 17	22 54	4 37	21 3	1 58	23 0	0 49	6 46	2 5	24 39	0 59	9 27	2 44	16 5	0 49	19 30	1 15	29 20	16 24	5 49	6 23	26 55		n.a.
M13	17 0	17 33	3 55	20 30	1 55	23 3	0 46	6 54	2 5	24 39	0 59	9 29	2 44	16 6	0 49	19 31	1 15	29 19	16 24	5 45	6 22	26 54		n.a.
T 14	16 43	11 13	2 58	19 56	1 51	23 4	0 42	7 2	2 5	24 39	0 59	9 30	2 44	16 6	0 49	19 31	1 15	29 19	16 24	5 43	6 21	26 52		n.a.
W15	16 25	4 27	1 50	19 20	1 47	23 6	0 38	7 10	2 5	24 40	0 59	9 32	2 44	16 7	0 49	19 31	1 15	29 18	16 24	5 41	6 20	26 51		n.a.
T 16	16 7	2s21	0 37	18 41	1 42	23 6	0 34	7 18	2 4	24 40	0 59	9 34	2 44	16 8	0 49	19 31	1 15	29 18	16 24	5 40	6 18	26 50		n.a.
F 17	15 49	8 48	0s36	18 1	1 37	23 6	0 30	7 26	2 4	24 40	0 59	9 35	2 45	16 9	0 49	19 31	1 15	29 17	16 24	5 40	6 17	26 49		n.a.
S 18	15 30	14 40	1 44	17 19	1 31	23 6	0 27	7 34	2 4	24 40	0 59	9 37	2 45	16 10	0 49	19 31	1 15	29 16	16 24	5 41	6 16	26 47		n.a.
S 19	15 12	19 44	2 45	16 35	1 25	23 4	0 23	7 41	2 4	24 40	0 59	9 39	2 45	16 11	0 49	19 31	1 15	29 16	16 24	5 41	6 15	26 46		n.a.
M20	14 53	23 49	3 37	15 49	1 18	23 2	0 19	7 48	2 3	24 41	0 59	9 40	2 45	16 11	0 49	19 32	1 16	29 15	16 24	5 41	6 13	26 45		n.a.
T 21	14 33	26 45	4 18	15 1	1 10	23 0	0 15	7 55	2 3	24 41	0 59	9 42	2 45	16 12	0 49	19 32	1 16	29 15	16 24	5 40	6 12	26 43		n.a.
W22	14 14	28 26	4 46	14 11	1 2	22 56	0 12	8 2	2 3	24 41	0 59	9 44	2 45	16 13	0 49	19 32	1 16	29 14	16 24	5 38	6 11	26 42		n.a.
T 23	13 54	28 46	5 3	13 20	0 53	22 52	0 8	8 9	2 2	24 41	0 59	9 45	2 45	16 14	0 49	19 32	1 16	29 14	16 24	5 36	6 10	26 41		n.a.
F 24	13 34	27 47	5 6	12 28	0 44	22 48	0 5	8 16	2 2	24 41	0 59	9 47	2 46	16 15	0 49	19 32	1 16	29 13	16 24	5 32	6 8	26 39		n.a.
S 25	13 14	25 32	4 56	11 34	0 34	22 42	0 1	8 22	2 2	24 41	0 59	9 49	2 46	16 15	0 49	19 32	1 16	29 13	16 24	5 29	6 7	26 38		n.a.
S 26	12 54	22 11	4 33	10 40	0 24	22 37	0s 2	8 29	2 1	24 41	0 59	9 51	2 46	16 16	0 49	19 32	1 16	29 12	16 24	5 25	6 6	26 36		n.a.
M27	12 34	17 53	3 58	9 44	0 14	22 30	0 6	8 35	2 1	24 41	0 59	9 52	2 46	16 17	0 49	19 32	1 16	29 12	16 24	5 22	6 5	26 35		n.a.
T 28	12 13	12 51	3 12	8 48	0 3	22 23	0 9	8 41	2 0	24 41	0 59	9 54	2 46	16 18	0 49	19 32	1 16	29 11	16 24	5 19	6 3	26 34		n.a.
W29	11s52	7s17	2s16	7s51	0n 9	22s15	0s12	8s47	2n 0	24n42	0n58	9n56	2n46	16n19	0n49	19s32	1n16	29s11	16s24	5n17	6n 2	26s32		n.a.

Julian Day Number = 1304703.5, Delta T = 07h47m07s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'27, Lahiri = -19°42'26 Julian Calendar 1 Feb. 1141 BCE == Greg. Calendar 21 Jan. 1141 BCE

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

MARCH 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 53 26	0♓22'47	29♓23	11♓52	22♉57	27♎26	5°R26	11°R23	18°R27	1♐24	23♒46	13°R 7	15♈ 2	24♉44	n.a.	T 1
F 2	9 57 23	1°21'33	11♈54	13°49	24° 8	27°39	5♋24	11♍19	18♌25	1°24	23°47	13°D 6	14°59	24°51	n.a.	F 2
S 3	10 1 19	2°20'16	24°38	15°45	25°19	27°53	5°23	11°14	18°22	1°25	23°49	13♈ 6	14°55	24°58	n.a.	S 3
S 4	10 5 16	3°18'57	7♉36	17°37	26°30	28° 5	5°21	11°10	18°20	1°25	23°50	13° 8	14°52	25° 5	n.a.	S 4
M 5	10 9 12	4°17'36	20°52	19°27	27°41	28°17	5°20	11° 5	18°17	1°25	23°52	13° 9	14°49	25°11	n.a.	M 5
T 6	10 13 9	5°16'13	4♊27	21°13	28°53	28°29	5°18	11° 1	18°15	1°26	23°53	13°R10	14°46	25°18	n.a.	T 6
W 7	10 17 5	6°14'47	18°23	22°56	0♒ 4	28°40	5°17	10°56	18°13	1°26	23°55	13° 9	14°43	25°25	n.a.	W 7
T 8	10 21 2	7°13'19	2♋40	24°35	1°15	28°51	5°16	10°52	18°10	1°26	23°56	13° 7	14°40	25°31	n.a.	T 8
F 9	10 24 58	8°11'48	17°15	26°10	2°26	29° 0	5°16	10°47	18° 8	1°26	23°57	13° 3	14°36	25°38	n.a.	F 9
S 10	10 28 55	9°10'16	2♌ 4	27°40	3°38	29°10	5°15	10°43	18° 5	1°26	23°59	12°59	14°33	25°45	n.a.	S 10
S 11	10 32 52	10° 8'40	17° 1	29° 6	4°49	29°18	5°15	10°38	18° 3	1°26	24° 0	12°54	14°30	25°52	n.a.	S 11
M12	10 36 48	11° 7'03	1♍55	0♈28	6° 1	29°26	5°D15	10°34	18° 1	1°27	24° 2	12°50	14°27	25°58	n.a.	M12
T 13	10 40 45	12° 5'24	16°40	1°44	7°12	29°34	5°15	10°29	17°58	1°27	24° 3	12°46	14°24	26° 5	n.a.	T 13
W14	10 44 41	13° 3'42	1♎ 8	2°55	8°23	29°40	5°15	10°25	17°56	1°R27	24° 5	12°44	14°20	26°12	n.a.	W14
T 15	10 48 38	14° 1'59	15°13	4° 2	9°35	29°47	5°16	10°20	17°54	1°27	24° 6	12°D44	14°17	26°19	n.a.	T 15
F 16	10 52 34	15° 0'14	28°52	5° 3	10°46	29°52	5°16	10°16	17°52	1°27	24° 7	12°45	14°14	26°25	n.a.	F 16
S 17	10 56 31	15°58'27	12♏ 6	5°59	11°58	29°57	5°17	10°11	17°49	1°26	24° 9	12°46	14°11	26°32	n.a.	S 17
S 18	11 0 27	16°56'39	24°56	6°49	13°10	0♏ 1	5°18	10° 7	17°47	1°26	24°10	12°48	14° 8	26°39	n.a.	S 18
M19	11 4 24	17°54'49	7♐26	7°34	14°21	0° 4	5°19	10° 2	17°45	1°26	24°12	12°49	14° 5	26°45	n.a.	M19
T 20	11 8 20	18°52'58	19°39	8°14	15°33	0° 7	5°21	9°58	17°43	1°26	24°13	12°R49	14° 1	26°52	n.a.	T 20
W21	11 12 17	19°51'05	1♑41	8°48	16°45	0° 9	5°22	9°53	17°41	1°26	24°14	12°49	13°58	26°59	n.a.	W21
T 22	11 16 14	20°49'10	13°35	9°16	17°56	0°10	5°24	9°49	17°39	1°26	24°16	12°47	13°55	27° 6	n.a.	T 22
F 23	11 20 10	21°47'14	25°27	9°39	19° 8	0°R10	5°26	9°44	17°37	1°25	24°17	12°45	13°52	27°12	n.a.	F 23
S 24	11 24 7	22°45'16	7♒20	9°57	20°20	0°10	5°28	9°40	17°35	1°25	24°18	12°42	13°49	27°19	n.a.	S 24
S 25	11 28 3	23°43'16	19°17	10° 9	21°32	0° 9	5°30	9°36	17°33	1°25	24°20	12°39	13°45	27°26	n.a.	S 25
M26	11 32 0	24°41'15	1♓22	10°15	22°43	0° 7	5°33	9°31	17°31	1°24	24°21	12°36	13°42	27°32	n.a.	M26
T 27	11 35 56	25°39'13	13°36	10°R16	23°55	0° 4	5°35	9°27	17°29	1°24	24°22	12°34	13°39	27°39	n.a.	T 27
W28	11 39 53	26°37'08	26° 2	10°12	25° 7	0° 1	5°38	9°23	17°27	1°23	24°24	12°32	13°36	27°46	n.a.	W28
T 29	11 43 49	27°35'02	8♈39	10° 4	26°19	29♎57	5°41	9°19	17°25	1°23	24°25	12°D31	13°33	27°53	n.a.	T 29
F 30	11 47 46	28°32'54	21°29	9°50	27°31	29°52	5°44	9°15	17°24	1°23	24°26	12°32	13°30	27°59	n.a.	F 30
S 31	11 51 43	29♓30'44	4♉33	9♈32	28♒43	29♎46	5♋47	9♍10	17♌22	1♐22	24♒27	12♈32	13♈26	28♉ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s31	1s22	1s14	6s55	0n20	22s 6	0s16	8s53	1n59	24n42	0n58	9n58	2n46	16n19	0n49	19s32	1n16	29s10	16s24	5n16	6n 1	26s31			n.a.
F 2	11 10	4n41	0 7	5 58	0 32	21 57	0 19	8 58	1 59	24 42	0 58	10 0	2 46	16 20	0 49	19 33	1 16	29 10	16 24	5 15	6 0	26 29			n.a.
S 3	10 49	10 39	1n 2	5 2	0 44	21 47	0 22	9 3	1 58	24 42	0 58	10 1	2 46	16 21	0 49	19 33	1 16	29 9	16 24	5 15	5 58	26 28			n.a.
S 4	10 27	16 18	2 9	4 7	0 56	21 37	0 25	9 9	1 57	24 42	0 58	10 3	2 46	16 22	0 49	19 33	1 16	29 9	16 24	5 16	5 57	26 27			n.a.
M 5	10 6	21 19	3 11	3 13	1 7	21 26	0 28	9 14	1 57	24 42	0 58	10 5	2 46	16 23	0 49	19 33	1 16	29 8	16 24	5 17	5 56	26 25			n.a.
T 6	9 44	25 21	4 3	2 20	1 19	21 14	0 31	9 19	1 56	24 42	0 58	10 7	2 47	16 23	0 49	19 33	1 16	29 8	16 24	5 17	5 55	26 24			n.a.
W 7	9 22	28 0	4 43	1 28	1 30	21 2	0 34	9 23	1 55	24 42	0 58	10 9	2 47	16 24	0 49	19 33	1 16	29 7	16 24	5 17	5 53	26 22			n.a.
T 8	9 0	28 54	5 6	0 38	1 41	20 49	0 37	9 28	1 54	24 42	0 58	10 10	2 47	16 25	0 49	19 33	1 16	29 7	16 24	5 16	5 52	26 21			n.a.
F 9	8 38	27 49	5 10	0n10	1 52	20 35	0 40	9 32	1 54	24 42	0 58	10 12	2 47	16 26	0 49	19 33	1 16	29 6	16 25	5 14	5 51	26 19			n.a.
S 10	8 16	24 47	4 54	0 55	2 2	20 21	0 43	9 36	1 53	24 42	0 58	10 14	2 47	16 26	0 49	19 33	1 16	29 6	16 25	5 12	5 50	26 18			n.a.
S 11	7 53	20 5	4 18	1 39	2 12	20 7	0 46	9 40	1 52	24 41	0 58	10 16	2 47	16 27	0 49	19 33	1 16	29 6	16 25	5 11	5 48	26 16			n.a.
M12	7 31	14 8	3 24	2 20	2 21	19 52	0 49	9 44	1 51	24 41	0 58	10 18	2 47	16 28	0 49	19 33	1 16	29 5	16 25	5 9	5 47	26 15			n.a.
T 13	7 8	7 27	2 18	2 59	2 29	19 36	0 51	9 48	1 50	24 41	0 58	10 19	2 47	16 28	0 49	19 33	1 16	29 5	16 25	5 7	5 46	26 13			n.a.
W14	6 46	0 30	1 3	3 35	2 37	19 20	0 54	9 51	1 49	24 41	0 58	10 21	2 47	16 29	0 49	19 33	1 16	29 4	16 25	5 7	5 45	26 12			n.a.
T 15	6 23	6s18	0s14	4 8	2 44	19 3	0 56	9 54	1 47	24 41	0 58	10 23	2 47	16 30	0 49	19 33	1 16	29 4	16 25	5 7	5 43	26 10			n.a.
F 16	6 0	12 36	1 27	4 38	2 50	18 45	0 59	9 57	1 46	24 41	0 58	10 25	2 47	16 31	0 49	19 33	1 16	29 4	16 25	5 7	5 42	26 9			n.a.
S 17	5 37	18 9	2 34	5 5	2 55	18 28	1 1	10 0	1 45	24 41	0 58	10 26	2 47	16 31	0 49	19 33	1 16	29 3	16 25	5 7	5 41	26 7			n.a.
S 18	5 14	22 43	3 31	5 29	2 59	18 9	1 3	10 3	1 44	24 41	0 57	10 28	2 47	16 32	0 49	19 32	1 16	29 3	16 26	5 8	5 40	26 6			n.a.
M19	4 51	26 7	4 16	5 50	3 3	17 50	1 6	10 5	1 42	24 41	0 57	10 30	2 47	16 33	0 49	19 32	1 16	29 3	16 26	5 9	5 38	26 4			n.a.
T 20	4 28	28 13	4 49	6 8	3 5	17 31	1 8	10 7	1 41	24 41	0 57	10 31	2 47	16 33	0 49	19 32	1 16	29 2	16 26	5 9	5 37	26 3			n.a.
W21	4 5	28 58	5 8	6 23	3 6	17 11	1 10	10 9	1 40	24 41	0 57	10 33	2 47	16 34	0 49	19 32	1 16	29 2	16 26	5 8	5 36	26 1			n.a.
T 22	3 42	28 20	5 14	6 34	3 6	16 51	1 12	10 11	1 38	24 40	0 57	10 35	2 47	16 34	0 49	19 32	1 17	29 1	16 26	5 8	5 35	26 0			n.a.
F 23	3 19	26 25	5 6	6 42	3 5	16 30	1 14	10 13	1 37	24 40	0 57	10 37	2 47	16 35	0 49	19 32	1 17	29 1	16 26	5 7	5 33	25 58			n.a.
S 24	2 55	23 20	4 46	6 47	3 2	16 9	1 16	10 14	1 35	24 40	0 57	10 38	2 47	16 36	0 49	19 32	1 17	29 1	16 27	5 6	5 32	25 56			n.a.
S 25	2 32	19 16	4 13	6 49	2 59	15 47	1 17	10 15	1 33	24 40	0 57	10 40	2 47	16 36	0 49	19 32	1 17	29 1	16 27	5 4	5 31	25 55			n.a.
M26	2 9	14 23	3 28	6 47	2 54	15 25	1 19	10 16	1 32	24 40	0 57	10 41	2 47	16 37	0 49	19 32	1 17	29 0	16 27	5 3	5 30	25 53			n.a.
T 27	1 45	8 54	2 33	6 42	2 48	15 2	1 21	10 17	1 30	24 40	0 57	10 43	2 47	16 37	0 49	19 32	1 17	29 0	16 27	5 2	5 28	25 52			n.a.
W28	1 22	2 58	1 30	6 34	2 41	14 39	1 22	10 18	1 28	24 39	0 57	10 45	2 46	16 38	0 49	19 32	1 17	29 0	16 27	5 2	5 27	25 50			n.a.
T 29	0 59	3n 9	0 21	6 22	2 32	14 16	1 24	10 18	1 26	24 39	0 57	10 46	2 46	16 38	0 49	19 31	1 17	28 59	16 27	5 2	5 26	25 48			n.a.
F 30	0 35	9 16	0n49	6 8	2 22	13 52	1 25	10 18	1 24	24 39	0 57	10 48	2 46	16 39	0 49	19 31	1 17	28 59	16 28	5 2	5 25	25 47			n.a.
S 31	0s12	15n 6	1n59	5n50	2n11	13s28	1s27	10s18	1n22	24n39	0n57	10n49	2n46	16n39	0n49	19s31	1n17	28s59	16s28	5n 2	5n23	25s45			n.a.

Julian Day Number = 1304732.5, Delta T = 07h47m05s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'23, Lahiri = -19°42'22 Julian Calendar 1 March 1141 BCE == Greg. Calendar 19 Feb. 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

APRIL 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 39	0♈28'33	17♉50	9°R10	29♒55	29°R40	5♋51	9°R 6	17°R20	1°R21	24♒29	12♈33	13♈23	28♑13	n.a.	S 1
M 2	11 59 36	1°26'20	1♊21	8♈44	1♓ 7	29♎33	5°55	9♍ 2	17♌19	1♐21	24°30	12°34	13°20	28°19	n.a.	M 2
T 3	12 3 32	2°24'05	15° 5	8°16	2°19	29°25	5°58	8°58	17°17	1°20	24°31	12°35	13°17	28°26	n.a.	T 3
W 4	12 7 29	3°21'49	29° 3	7°45	3°31	29°16	6° 2	8°54	17°16	1°20	24°32	12°R35	13°14	28°33	n.a.	W 4
T 5	12 11 25	4°19'30	13♋13	7°11	4°43	29° 7	6° 6	8°51	17°14	1°19	24°34	12°35	13°11	28°40	n.a.	T 5
F 6	12 15 22	5°17'10	27°33	6°37	5°55	28°57	6°11	8°47	17°13	1°18	24°35	12°35	13° 7	28°46	n.a.	F 6
S 7	12 19 18	6°14'48	12♌ 0	6° 1	7° 7	28°46	6°15	8°43	17°11	1°18	24°36	12°34	13° 4	28°53	n.a.	S 7
S 8	12 23 15	7°12'24	26°30	5°25	8°19	28°35	6°20	8°39	17°10	1°17	24°37	12°34	13° 1	29° 0	n.a.	S 8
M 9	12 27 12	8° 9'58	10♍58	4°50	9°31	28°23	6°25	8°36	17° 8	1°16	24°38	12°33	12°58	29° 7	n.a.	M 9
T 10	12 31 8	9° 7'31	25°18	4°16	10°43	28°10	6°30	8°32	17° 7	1°15	24°39	12°33	12°55	29°13	n.a.	T 10
W11	12 35 5	10° 5'03	9♎26	3°43	11°55	27°57	6°35	8°28	17° 6	1°14	24°40	12°D33	12°51	29°20	n.a.	W11
T 12	12 39 1	11° 2'33	23°18	3°13	13° 7	27°42	6°40	8°25	17° 5	1°13	24°41	12°33	12°48	29°27	n.a.	T 12
F 13	12 42 58	12° 0'02	6♏49	2°45	14°19	27°28	6°45	8°22	17° 4	1°13	24°43	12°33	12°45	29°33	n.a.	F 13
S 14	12 46 54	12°57'30	20° 0	2°20	15°32	27°13	6°51	8°18	17° 2	1°12	24°44	12°R33	12°42	29°40	n.a.	S 14
S 15	12 50 51	13°54'56	2♐51	1°59	16°44	26°57	6°57	8°15	17° 1	1°11	24°45	12°33	12°39	29°47	n.a.	S 15
M16	12 54 47	14°52'22	15°23	1°41	17°56	26°41	7° 2	8°12	17° 0	1°10	24°46	12°32	12°36	29°54	n.a.	M16
T 17	12 58 44	15°49'47	27°39	1°28	19° 8	26°24	7° 8	8° 9	16°59	1° 9	24°47	12°32	12°32	0♒ 0	n.a.	T 17
W18	13 2 41	16°47'11	9♑42	1°19	20°21	26° 7	7°14	8° 6	16°59	1° 8	24°48	12°32	12°29	0° 7	n.a.	W18
T 19	13 6 37	17°44'34	21°39	1°14	21°33	25°49	7°21	8° 3	16°58	1° 7	24°49	12°D32	12°26	0°14	n.a.	T 19
F 20	13 10 34	18°41'57	3♒31	1°D13	22°45	25°31	7°27	8° 0	16°57	1° 6	24°50	12°32	12°23	0°20	n.a.	F 20
S 21	13 14 30	19°39'18	15°26	1°17	23°58	25°12	7°34	7°57	16°56	1° 5	24°51	12°33	12°20	0°27	n.a.	S 21
S 22	13 18 27	20°36'39	27°25	1°26	25°10	24°54	7°40	7°54	16°55	1° 3	24°52	12°33	12°17	0°34	n.a.	S 22
M23	13 22 23	21°33'58	9♓35	1°39	26°22	24°35	7°47	7°52	16°55	1° 2	24°52	12°34	12°13	0°41	n.a.	M23
T 24	13 26 20	22°31'17	21°57	1°56	27°35	24°15	7°54	7°49	16°54	1° 1	24°53	12°35	12°10	0°47	n.a.	T 24
W25	13 30 16	23°28'35	4♈35	2°18	28°47	23°56	8° 1	7°46	16°54	1° 0	24°54	12°36	12° 7	0°54	n.a.	W25
T 26	13 34 13	24°25'53	17°30	2°44	29°59	23°36	8° 8	7°44	16°53	0°59	24°55	12°R36	12° 4	1° 1	n.a.	T 26
F 27	13 38 10	25°23'09	0♉41	3°15	1♈12	23°17	8°16	7°42	16°53	0°58	24°56	12°35	12° 1	1° 7	n.a.	F 27
S 28	13 42 6	26°20'25	14° 9	3°49	2°25	22°57	8°23	7°39	16°52	0°56	24°57	12°34	11°57	1°14	n.a.	S 28
S 29	13 46 3	27°17'40	27°52	4°28	3°37	22°38	8°31	7°37	16°52	0°55	24°58	12°32	11°54	1°21	n.a.	S 29
M30	13 49 59	28♈14'54	11♊47	5♈11	4♈50	22♎18	8♋39	7♍35	16♌52	0♐54	24♒58	12♈30	11♈51	1♒28	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n12	20n21	3n 3	5n31	1n59	13s 4	1s28	10s18	1n20	24n39	0n56	10n51	2n46	16n40	0n49	19s31	1n17	28s59	16s28	5n 2	5n22	25s44		n.a.
M 2	0 35	24 39	3 58	5 8	1 46	12 39	1 29	10 17	1 18	24 38	0 56	10 52	2 46	16 40	0 49	19 31	1 17	28 58	16 28	5 3	5 21	25 42		n.a.
T 3	0 58	27 38	4 41	4 44	1 32	12 14	1 30	10 16	1 16	24 38	0 56	10 54	2 46	16 41	0 49	19 31	1 17	28 58	16 29	5 3	5 20	25 40		n.a.
W 4	1 22	28 57	5 8	4 18	1 17	11 48	1 32	10 15	1 13	24 38	0 56	10 55	2 46	16 41	0 49	19 31	1 17	28 58	16 29	5 3	5 18	25 39		n.a.
T 5	1 45	28 25	5 16	3 50	1 1	11 22	1 33	10 14	1 11	24 38	0 56	10 56	2 46	16 42	0 49	19 30	1 17	28 58	16 29	5 3	5 17	25 37		n.a.
F 6	2 8	25 59	5 6	3 21	0 45	10 56	1 33	10 13	1 8	24 37	0 56	10 58	2 46	16 42	0 49	19 30	1 17	28 57	16 29	5 3	5 16	25 35		n.a.
S 7	2 31	21 53	4 36	2 52	0 28	10 30	1 34	10 11	1 6	24 37	0 56	10 59	2 46	16 43	0 49	19 30	1 17	28 57	16 29	5 3	5 15	25 34		n.a.
S 8	2 54	16 27	3 48	2 22	0 11	10 3	1 35	10 10	1 3	24 37	0 56	11 0	2 45	16 43	0 49	19 30	1 17	28 57	16 30	5 2	5 13	25 32		n.a.
M 9	3 17	10 8	2 46	1 52	0s 6	9 36	1 36	10 8	1 1	24 36	0 56	11 2	2 45	16 43	0 49	19 30	1 17	28 57	16 30	5 2	5 12	25 30		n.a.
T 10	3 40	3 20	1 34	1 23	0 23	9 9	1 36	10 6	0 58	24 36	0 56	11 3	2 45	16 44	0 48	19 30	1 17	28 57	16 30	5 2	5 11	25 28		n.a.
W11	4 3	3s32	0 17	0 54	0 39	8 42	1 37	10 4	0 55	24 36	0 56	11 4	2 45	16 44	0 48	19 29	1 17	28 57	16 30	5 2	5 10	25 27		n.a.
T 12	4 26	10 7	0s59	0 27	0 56	8 14	1 37	10 1	0 52	24 35	0 56	11 5	2 45	16 44	0 48	19 29	1 17	28 56	16 31	5 2	5 8	25 25		n.a.
F 13	4 49	16 4	2 11	0 1	1 12	7 46	1 38	9 59	0 49	24 35	0 56	11 7	2 45	16 45	0 48	19 29	1 17	28 56	16 31	5 2	5 7	25 23		n.a.
S 14	5 12	21 8	3 13	0s23	1 27	7 18	1 38	9 56	0 46	24 35	0 56	11 8	2 45	16 45	0 48	19 29	1 17	28 56	16 31	5 2	5 6	25 22		n.a.
S 15	5 35	25 3	4 4	0 45	1 41	6 50	1 38	9 53	0 43	24 34	0 56	11 9	2 45	16 45	0 48	19 29	1 17	28 56	16 32	5 2	5 5	25 20		n.a.
M16	5 57	27 41	4 42	1 4	1 55	6 21	1 38	9 50	0 40	24 34	0 55	11 10	2 44	16 46	0 48	19 28	1 17	28 56	16 32	5 2	5 3	25 18		n.a.
T 17	6 20	28 55	5 6	1 22	2 8	5 52	1 39	9 46	0 37	24 34	0 55	11 11	2 44	16 46	0 48	19 28	1 17	28 56	16 32	5 2	5 2	25 16		n.a.
W18	6 42	28 44	5 16	1 36	2 20	5 24	1 39	9 43	0 34	24 33	0 55	11 12	2 44	16 46	0 48	19 28	1 17	28 56	16 32	5 2	5 1	25 15		n.a.
T 19	7 4	27 12	5 13	1 49	2 31	4 55	1 38	9 40	0 31	24 33	0 55	11 13	2 44	16 46	0 48	19 28	1 17	28 56	16 33	5 2	4 59	25 13		n.a.
F 20	7 27	24 28	4 56	1 58	2 41	4 25	1 38	9 36	0 27	24 32	0 55	11 14	2 44	16 47	0 48	19 27	1 17	28 56	16 33	5 2	4 58	25 11		n.a.
S 21	7 49	20 42	4 26	2 4	2 50	3 56	1 38	9 32	0 24	24 32	0 55	11 15	2 44	16 47	0 48	19 27	1 17	28 55	16 33	5 2	4 57	25 9		n.a.
S 22	8 11	16 4	3 45	2 8	2 58	3 27	1 38	9 28	0 21	24 31	0 55	11 16	2 43	16 47	0 48	19 27	1 17	28 55	16 34	5 2	4 56	25 7		n.a.
M23	8 32	10 46	2 53	2 9	3 5	2 57	1 38	9 25	0 17	24 31	0 55	11 17	2 43	16 47	0 48	19 27	1 17	28 55	16 34	5 3	4 54	25 6		n.a.
T 24	8 54	4 57	1 52	2 8	3 11	2 28	1 37	9 21	0 14	24 30	0 55	11 17	2 43	16 47	0 48	19 26	1 17	28 55	16 34	5 3	4 53	25 4		n.a.
W25	9 16	1n11	0 44	2 4	3 16	1 58	1 37	9 17	0 10	24 30	0 55	11 18	2 43	16 47	0 48	19 26	1 17	28 55	16 34	5 3	4 52	25 2		n.a.
T 26	9 37	7 24	0n27	1 57	3 20	1 28	1 36	9 12	0 7	24 29	0 55	11 19	2 43	16 47	0 48	19 26	1 17	28 55	16 35	5 3	4 51	25 0		n.a.
F 27	9 59	13 26	1 38	1 47	3 23	0 58	1 35	9 8	0 3	24 29	0 55	11 20	2 43	16 48	0 48	19 26	1 17	28 55	16 35	5 3	4 49	24 58		n.a.
S 28	10 20	18 59	2 46	1 35	3 25	0 28	1 35	9 4	0s 0	24 28	0 55	11 20	2 42	16 48	0 48	19 25	1 17	28 55	16 35	5 3	4 48	24 57		n.a.
S 29	10 41	23 39	3 45	1 20	3 26	0n 2	1 34	9 0	0 4	24 28	0 55	11 21	2 42	16 48	0 48	19 25	1 17	28 55	16 36	5 2	4 47	24 55		n.a.
M30	11n 2	27n 3	4n31	1s 3	3s26	0n32	1s33	8s56	0s 7	24n27	0n55	11n22	2n42	16n48	0n48	19s25	1n17	28s55	16s36	5n 1	4n46	24s53		n.a.

Julian Day Number = 1304763.5, Delta T = 07h47m03s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'19, Lahiri = -19°42'18 Julian Calendar 1 Apr. 1141 BCE == Greg. Calendar 21 March 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

MAY 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 56	29♈12'07	25♊51	5♈57	6♈ 2	21°R58	8♋46	7°R33	16°R51	0°R52	24♒59	12°R28	11♈48	1♒34	n.a.	T 1
W 2	13 57 52	0♉ 9'19	10♋ 1	6°48	7°15	21♎39	8°54	7♍31	16♌51	0♐51	25° 0	12♈27	11°45	1°41	n.a.	W 2
T 3	14 1 49	1° 6'30	24°15	7°42	8°27	21°20	9° 3	7°30	16°51	0°50	25° 1	12°26	11°42	1°48	n.a.	T 3
F 4	14 5 45	2° 3'40	8♌29	8°39	9°40	21° 1	9°11	7°28	16°51	0°48	25° 1	12°D26	11°38	1°54	n.a.	F 4
S 5	14 9 42	3° 0'49	22°41	9°41	10°52	20°43	9°19	7°26	16°D51	0°47	25° 2	12°27	11°35	2° 1	n.a.	S 5
S 6	14 13 39	3°57'57	6♍49	10°46	12° 5	20°24	9°28	7°25	16°51	0°46	25° 3	12°28	11°32	2° 8	n.a.	S 6
M 7	14 17 35	4°55'04	20°50	11°54	13°18	20° 6	9°36	7°23	16°51	0°44	25° 3	12°29	11°29	2°15	n.a.	M 7
T 8	14 21 32	5°52'11	4♎43	13° 5	14°30	19°49	9°45	7°22	16°51	0°43	25° 4	12°30	11°26	2°21	n.a.	T 8
W 9	14 25 28	6°49'17	18°25	14°20	15°43	19°32	9°53	7°21	16°51	0°41	25° 5	12°R30	11°22	2°28	n.a.	W 9
T 10	14 29 25	7°46'22	1♏55	15°38	16°56	19°15	10° 2	7°19	16°52	0°40	25° 5	12°29	11°19	2°35	n.a.	T 10
F 11	14 33 21	8°43'27	15°10	17° 0	18° 9	18°59	10°11	7°18	16°52	0°38	25° 6	12°27	11°16	2°41	n.a.	F 11
S 12	14 37 18	9°40'32	28° 9	18°25	19°21	18°44	10°20	7°17	16°52	0°37	25° 6	12°23	11°13	2°48	n.a.	S 12
S 13	14 41 14	10°37'36	10♐53	19°52	20°34	18°29	10°30	7°17	16°53	0°36	25° 7	12°19	11°10	2°55	n.a.	S 13
M14	14 45 11	11°34'41	23°21	21°23	21°47	18°15	10°39	7°16	16°53	0°34	25° 7	12°14	11° 7	3° 2	n.a.	M14
T 15	14 49 8	12°31'45	5♑35	22°57	23° 0	18° 1	10°48	7°15	16°54	0°33	25° 8	12°10	11° 3	3° 8	n.a.	T 15
W16	14 53 4	13°28'49	17°38	24°35	24°13	17°48	10°58	7°14	16°54	0°31	25° 8	12° 6	11° 0	3°15	n.a.	W16
T 17	14 57 1	14°25'53	29°34	26°15	25°25	17°36	11° 7	7°14	16°55	0°29	25° 9	12° 4	10°57	3°22	n.a.	T 17
F 18	15 0 57	15°22'57	11♒27	27°58	26°38	17°24	11°17	7°14	16°55	0°28	25° 9	12°D 3	10°54	3°28	n.a.	F 18
S 19	15 4 54	16°20'02	23°21	29°44	27°51	17°13	11°27	7°13	16°56	0°26	25° 9	12° 3	10°51	3°35	n.a.	S 19
S 20	15 8 50	17°17'06	5♓21	1♉33	29° 4	17° 3	11°37	7°13	16°57	0°25	25°10	12° 4	10°48	3°42	n.a.	S 20
M21	15 12 47	18°14'11	17°32	3°25	0♉17	16°54	11°47	7°13	16°58	0°23	25°10	12° 5	10°44	3°49	n.a.	M21
T 22	15 16 44	19°11'15	29°58	5°19	1°30	16°45	11°57	7°D13	16°59	0°22	25°10	12° 7	10°41	3°55	n.a.	T 22
W23	15 20 40	20° 8'20	12♈44	7°16	2°43	16°38	12° 7	7°13	16°59	0°20	25°11	12°R 7	10°38	4° 2	n.a.	W23
T 24	15 24 37	21° 5'25	25°51	9°16	3°56	16°31	12°17	7°13	17° 0	0°18	25°11	12° 7	10°35	4° 9	n.a.	T 24
F 25	15 28 33	22° 2'31	9♉20	11°17	5° 9	16°24	12°27	7°14	17° 1	0°17	25°11	12° 4	10°32	4°15	n.a.	F 25
S 26	15 32 30	22°59'36	23°11	13°21	6°22	16°19	12°38	7°14	17° 3	0°15	25°12	12° 0	10°28	4°22	n.a.	S 26
S 27	15 36 26	23°56'42	7♊21	15°26	7°35	16°15	12°48	7°14	17° 4	0°14	25°12	11°54	10°25	4°29	n.a.	S 27
M28	15 40 23	24°53'48	21°43	17°32	8°49	16°11	12°59	7°15	17° 5	0°12	25°12	11°47	10°22	4°36	n.a.	M28
T 29	15 44 19	25°50'54	6♋13	19°40	10° 2	16° 8	13° 9	7°16	17° 6	0°10	25°12	11°41	10°19	4°42	n.a.	T 29
W30	15 48 16	26°48'00	20°45	21°48	11°15	16° 6	13°20	7°16	17° 7	0° 9	25°12	11°36	10°16	4°49	n.a.	W30
T 31	15 52 13	27♉45'06	5♌12	23♉58	12♉28	16♎ 5	13♋31	7♍17	17♌ 9	0♐ 7	25♒12	11♈32	10♈13	4♒56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n22	28n48	5n 2	0s44	3s26	1n 2	1s32	8s52	0s11	24n27	0n55	11n22	2n42	16n48	0n48	19s24	1n17	28s55	16s36	5n 0	4n44	24s51			n.a.
W 2	11 43	28 41	5 15	0 23	3 24	1 32	1 31	8 48	0 15	24 26	0 55	11 23	2 42	16 48	0 48	19 24	1 17	28 55	16 37	5 0	4 43	24 49			n.a.
T 3	12 3	26 40	5 8	0n 1	3 22	2 2	1 30	8 44	0 18	24 25	0 54	11 23	2 41	16 48	0 48	19 24	1 17	28 55	16 37	4 59	4 42	24 47			n.a.
F 4	12 23	22 59	4 43	0 27	3 19	2 31	1 29	8 40	0 22	24 25	0 54	11 24	2 41	16 48	0 48	19 24	1 18	28 55	16 37	4 59	4 41	24 46			n.a.
S 5	12 43	17 58	4 1	0 55	3 15	3 1	1 28	8 36	0 25	24 24	0 54	11 24	2 41	16 48	0 48	19 23	1 18	28 56	16 38	5 0	4 39	24 44			n.a.
S 6	13 3	12 0	3 4	1 24	3 11	3 31	1 27	8 32	0 29	24 24	0 54	11 24	2 41	16 48	0 47	19 23	1 18	28 56	16 38	5 0	4 38	24 42			n.a.
M 7	13 22	5 28	1 56	1 56	3 6	4 1	1 26	8 29	0 32	24 23	0 54	11 25	2 40	16 48	0 47	19 23	1 18	28 56	16 38	5 1	4 37	24 40			n.a.
T 8	13 42	1s15	0 43	2 30	3 0	4 31	1 24	8 25	0 36	24 22	0 54	11 25	2 40	16 48	0 47	19 22	1 18	28 56	16 39	5 1	4 36	24 38			n.a.
W 9	14 1	7 50	0s32	3 5	2 54	5 1	1 23	8 22	0 39	24 21	0 54	11 25	2 40	16 48	0 47	19 22	1 18	28 56	16 39	5 1	4 34	24 36			n.a.
T 10	14 20	13 58	1 45	3 42	2 47	5 30	1 22	8 19	0 43	24 21	0 54	11 26	2 40	16 47	0 47	19 22	1 18	28 56	16 40	5 1	4 33	24 34			n.a.
F 11	14 38	19 21	2 50	4 21	2 39	6 0	1 20	8 16	0 46	24 20	0 54	11 26	2 40	16 47	0 47	19 21	1 18	28 56	16 40	5 0	4 32	24 32			n.a.
S 12	14 57	23 43	3 44	5 1	2 31	6 29	1 19	8 13	0 50	24 19	0 54	11 26	2 39	16 47	0 47	19 21	1 18	28 56	16 40	4 58	4 30	24 30			n.a.
S 13	15 15	26 50	4 27	5 42	2 22	6 58	1 17	8 10	0 53	24 18	0 54	11 26	2 39	16 47	0 47	19 21	1 18	28 56	16 41	4 57	4 29	24 28			n.a.
M14	15 33	28 35	4 55	6 25	2 13	7 28	1 16	8 8	0 56	24 18	0 54	11 26	2 39	16 47	0 47	19 20	1 18	28 57	16 41	4 55	4 28	24 26			n.a.
T 15	15 51	28 52	5 10	7 10	2 3	7 57	1 14	8 6	0 59	24 17	0 54	11 26	2 39	16 47	0 47	19 20	1 18	28 57	16 41	4 53	4 27	24 25			n.a.
W16	16 9	27 47	5 11	7 55	1 53	8 25	1 12	8 3	1 3	24 16	0 54	11 26	2 38	16 46	0 47	19 20	1 18	28 57	16 42	4 52	4 25	24 23			n.a.
T 17	16 26	25 25	4 58	8 42	1 43	8 54	1 10	8 2	1 6	24 15	0 54	11 26	2 38	16 46	0 47	19 19	1 18	28 57	16 42	4 51	4 24	24 21			n.a.
F 18	16 43	21 59	4 32	9 29	1 33	9 23	1 9	8 0	1 9	24 14	0 54	11 26	2 38	16 46	0 47	19 19	1 18	28 57	16 42	4 50	4 23	24 19			n.a.
S 19	17 0	17 38	3 55	10 18	1 22	9 51	1 7	7 59	1 12	24 13	0 54	11 26	2 38	16 46	0 47	19 19	1 18	28 57	16 43	4 50	4 22	24 17			n.a.
S 20	17 16	12 35	3 7	11 7	1 10	10 19	1 5	7 57	1 15	24 12	0 54	11 26	2 38	16 45	0 47	19 19	1 18	28 58	16 43	4 51	4 20	24 15			n.a.
M21	17 32	6 59	2 10	11 56	0 59	10 47	1 3	7 56	1 18	24 12	0 54	11 26	2 37	16 45	0 47	19 18	1 18	28 58	16 43	4 51	4 19	24 13			n.a.
T 22	17 48	1 1	1 6	12 46	0 48	11 14	1 1	7 56	1 21	24 11	0 54	11 26	2 37	16 45	0 47	19 18	1 18	28 58	16 44	4 52	4 18	24 11			n.a.
W23	18 4	5n10	0n 3	13 36	0 36	11 42	0 59	7 55	1 24	24 10	0 54	11 25	2 37	16 44	0 47	19 18	1 18	28 58	16 44	4 52	4 17	24 9			n.a.
T 24	18 20	11 17	1 14	14 26	0 25	12 9	0 57	7 55	1 26	24 9	0 54	11 25	2 37	16 44	0 47	19 17	1 18	28 59	16 45	4 52	4 15	24 7			n.a.
F 25	18 35	17 5	2 22	15 15	0 13	12 36	0 55	7 55	1 29	24 8	0 54	11 25	2 36	16 44	0 47	19 17	1 18	28 59	16 45	4 51	4 14	24 5			n.a.
S 26	18 49	22 9	3 24	16 4	0 2	13 2	0 53	7 56	1 32	24 7	0 54	11 24	2 36	16 43	0 47	19 16	1 18	28 59	16 45	4 49	4 13	24 3			n.a.
S 27	19 4	26 4	4 14	16 52	0n 9	13 29	0 50	7 56	1 34	24 6	0 54	11 24	2 36	16 43	0 47	19 16	1 18	28 59	16 46	4 47	4 11	24 1			n.a.
M28	19 18	28 23	4 50	17 39	0 19	13 55	0 48	7 57	1 37	24 5	0 54	11 23	2 36	16 43	0 47	19 16	1 18	29 0	16 46	4 44	4 10	23 59			n.a.
T 29	19 32	28 47	5 7	18 25	0 30	14 20	0 46	7 58	1 39	24 3	0 53	11 23	2 35	16 42	0 47	19 15	1 18	29 0	16 46	4 42	4 9	23 57			n.a.
W30	19 46	27 13	5 4	19 9	0 40	14 45	0 44	8 0	1 42	24 2	0 53	11 22	2 35	16 42	0 46	19 15	1 18	29 0	16 47	4 39	4 8	23 55			n.a.
T 31	19n59	23n50	4n42	19n52	0n49	15n10	0s42	8s 2	1s44	24n 1	0n53	11n22	2n35	16n41	0n46	19s15	1n18	29s 0	16s47	4n38	4n 6	23s53			n.a.

Julian Day Number = 1304793.5, Delta T = 07h47m02s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'14, Lahiri = -19°42'14 Julian Calendar 1 May 1141 BCE == Greg. Calendar 20 Apr. 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

JUNE 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 56 9	28♉42'12	19♌30	26♉ 7	13♉41	16°D 5	13♋42	7♍18	17♌10	0°R 6	25♒13	11°R30	10♈ 9	5♒ 2	n.a.	F 1
S 2	16 0 6	29°39'18	3♍37	28°16	14°55	16♎ 6	13°53	7°19	17°11	0♐ 4	25°13	11°D29	10° 6	5° 9	n.a.	S 2
S 3	16 4 2	0♊36'24	17°32	0♊26	16° 8	16° 7	14° 4	7°21	17°13	0° 2	25°13	11♈30	10° 3	5°16	n.a.	S 3
M 4	16 7 59	1°33'30	1♎15	2°34	17°21	16°10	14°15	7°22	17°14	0° 1	25°13	11°31	10° 0	5°23	n.a.	M 4
T 5	16 11 55	2°30'36	14°45	4°42	18°35	16°13	14°26	7°23	17°16	29♏59	25°R13	11°R32	9°57	5°29	n.a.	T 5
W 6	16 15 52	3°27'43	28° 3	6°49	19°48	16°17	14°37	7°25	17°18	29°58	25°13	11°30	9°54	5°36	n.a.	W 6
T 7	16 19 49	4°24'50	11♏ 9	8°55	21° 1	16°22	14°49	7°26	17°19	29°56	25°13	11°27	9°50	5°43	n.a.	T 7
F 8	16 23 45	5°21'57	24° 4	11° 0	22°15	16°27	15° 0	7°28	17°21	29°54	25°13	11°21	9°47	5°49	n.a.	F 8
S 9	16 27 42	6°19'05	6♐47	13° 3	23°28	16°34	15°11	7°29	17°23	29°53	25°13	11°13	9°44	5°56	n.a.	S 9
S 10	16 31 38	7°16'13	19°18	15° 5	24°41	16°41	15°23	7°31	17°25	29°51	25°13	11° 4	9°41	6° 3	n.a.	S 10
M11	16 35 35	8°13'23	1♑37	17° 6	25°55	16°49	15°34	7°33	17°27	29°49	25°12	10°53	9°38	6°10	n.a.	M11
T 12	16 39 31	9°10'33	13°46	19° 4	27° 8	16°57	15°46	7°35	17°28	29°48	25°12	10°43	9°34	6°16	n.a.	T 12
W13	16 43 28	10° 7'44	25°46	21° 2	28°22	17° 7	15°58	7°37	17°30	29°46	25°12	10°34	9°31	6°23	n.a.	W13
T 14	16 47 24	11° 4'55	7♒40	22°57	29°35	17°17	16° 9	7°40	17°32	29°45	25°12	10°27	9°28	6°30	n.a.	T 14
F 15	16 51 21	12° 2'08	19°31	24°51	0♊49	17°28	16°21	7°42	17°34	29°43	25°12	10°22	9°25	6°36	n.a.	F 15
S 16	16 55 18	12°59'22	1♓23	26°43	2° 3	17°39	16°33	7°44	17°37	29°42	25°12	10°20	9°22	6°43	n.a.	S 16
S 17	16 59 14	13°56'37	13°21	28°33	3°16	17°52	16°45	7°47	17°39	29°40	25°11	10°D19	9°19	6°50	n.a.	S 17
M18	17 3 11	14°53'52	25°30	0♋22	4°30	18° 5	16°57	7°49	17°41	29°38	25°11	10°19	9°15	6°56	n.a.	M18
T 19	17 7 7	15°51'10	7♈56	2° 9	5°44	18°18	17° 9	7°52	17°43	29°37	25°11	10°R20	9°12	7° 3	n.a.	T 19
W20	17 11 4	16°48'28	20°43	3°54	6°57	18°33	17°21	7°55	17°45	29°35	25°10	10°19	9° 9	7°10	n.a.	W20
T 21	17 15 0	17°45'47	3♉55	5°38	8°11	18°48	17°33	7°57	17°48	29°34	25°10	10°17	9° 6	7°17	n.a.	T 21
F 22	17 18 57	18°43'08	17°34	7°20	9°25	19° 3	17°45	8° 0	17°50	29°32	25°10	10°13	9° 3	7°23	n.a.	F 22
S 23	17 22 54	19°40'30	1♊39	9° 0	10°39	19°20	17°57	8° 3	17°52	29°31	25° 9	10° 6	9° 0	7°30	n.a.	S 23
S 24	17 26 50	20°37'53	16° 8	10°38	11°53	19°37	18° 9	8° 6	17°55	29°29	25° 9	9°57	8°56	7°37	n.a.	S 24
M25	17 30 47	21°35'18	0♋55	12°15	13° 6	19°54	18°22	8°10	17°57	29°28	25° 9	9°46	8°53	7°43	n.a.	M25
T 26	17 34 43	22°32'43	15°50	13°50	14°20	20°12	18°34	8°13	18° 0	29°26	25° 8	9°36	8°50	7°50	n.a.	T 26
W27	17 38 40	23°30'09	0♌45	15°24	15°34	20°31	18°46	8°16	18° 2	29°25	25° 8	9°27	8°47	7°57	n.a.	W27
T 28	17 42 36	24°27'37	15°32	16°56	16°48	20°51	18°59	8°20	18° 5	29°24	25° 7	9°20	8°44	8° 4	n.a.	T 28
F 29	17 46 33	25°25'05	0♍ 3	18°26	18° 2	21°11	19°11	8°23	18° 8	29°22	25° 7	9°16	8°40	8°10	n.a.	F 29
S 30	17 50 29	26♊22'34	14♍16	19♋54	19♊16	21♎31	19♋24	8♍27	18♌10	29♏21	25♒ 6	9♈14	8♈37	8♒17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n12	19n 3	4n 3	20n32	0n58	15n35	0s39	8s 4	1s46	24n 0	0n53	11n21	2n35	16n41	0n46	19s14	1n18	29s 1	16s48	4n37	4n 5	23s50		n.a.
S 2	20 25	13 17	3 10	21 11	1 6	15 59	0 37	8 6	1 49	23 59	0 53	11 21	2 34	16 40	0 46	19 14	1 18	29 1	16 48	4 37	4 4	23 48		n.a.
S 3	20 37	6 55	2 5	21 47	1 14	16 23	0 35	8 9	1 51	23 58	0 53	11 20	2 34	16 40	0 46	19 14	1 18	29 1	16 48	4 37	4 3	23 46		n.a.
M 4	20 49	0 20	0 55	22 20	1 21	16 46	0 32	8 11	1 53	23 56	0 53	11 19	2 34	16 39	0 46	19 13	1 18	29 2	16 49	4 38	4 1	23 44		n.a.
T 5	21 0	6s10	0s17	22 51	1 27	17 9	0 30	8 15	1 55	23 55	0 53	11 19	2 34	16 39	0 46	19 13	1 17	29 2	16 49	4 38	4 0	23 42		n.a.
W 6	21 12	12 19	1 28	23 20	1 33	17 32	0 28	8 18	1 57	23 54	0 53	11 18	2 34	16 38	0 46	19 13	1 17	29 2	16 49	4 37	3 59	23 40		n.a.
T 7	21 22	17 49	2 32	23 46	1 38	17 54	0 25	8 22	1 59	23 53	0 53	11 17	2 33	16 38	0 46	19 12	1 17	29 3	16 50	4 36	3 58	23 38		n.a.
F 8	21 33	22 26	3 27	24 9	1 42	18 16	0 23	8 26	2 1	23 51	0 53	11 16	2 33	16 37	0 46	19 12	1 17	29 3	16 50	4 34	3 56	23 36		n.a.
S 9	21 43	25 56	4 12	24 29	1 46	18 37	0 20	8 30	2 3	23 50	0 53	11 15	2 33	16 37	0 46	19 12	1 17	29 4	16 51	4 31	3 55	23 34		n.a.
S 10	21 53	28 5	4 43	24 47	1 48	18 58	0 18	8 34	2 5	23 49	0 53	11 14	2 33	16 36	0 46	19 11	1 17	29 4	16 51	4 27	3 54	23 32		n.a.
M11	22 2	28 50	5 0	25 2	1 51	19 18	0 16	8 39	2 6	23 47	0 53	11 13	2 32	16 35	0 46	19 11	1 17	29 4	16 51	4 23	3 52	23 30		n.a.
T 12	22 11	28 8	5 4	25 14	1 52	19 38	0 13	8 44	2 8	23 46	0 53	11 12	2 32	16 35	0 46	19 11	1 17	29 5	16 52	4 19	3 51	23 27		n.a.
W13	22 20	26 9	4 54	25 24	1 53	19 57	0 11	8 49	2 10	23 45	0 53	11 11	2 32	16 34	0 46	19 11	1 17	29 5	16 52	4 15	3 50	23 25		n.a.
T 14	22 28	23 1	4 31	25 32	1 53	20 16	0 8	8 54	2 11	23 43	0 53	11 10	2 32	16 33	0 46	19 10	1 17	29 5	16 52	4 12	3 49	23 23		n.a.
F 15	22 36	18 57	3 57	25 37	1 53	20 34	0 6	9 0	2 13	23 42	0 53	11 9	2 31	16 33	0 46	19 10	1 17	29 6	16 53	4 10	3 47	23 21		n.a.
S 16	22 44	14 8	3 12	25 39	1 52	20 51	0 3	9 6	2 14	23 40	0 53	11 8	2 31	16 32	0 46	19 10	1 17	29 6	16 53	4 9	3 46	23 19		n.a.
S 17	22 51	8 47	2 19	25 40	1 50	21 8	0 1	9 12	2 16	23 39	0 53	11 7	2 31	16 31	0 46	19 9	1 17	29 7	16 54	4 9	3 45	23 17		n.a.
M18	22 58	3 0	1 18	25 38	1 48	21 25	0n 1	9 18	2 17	23 37	0 53	11 6	2 31	16 31	0 46	19 9	1 17	29 7	16 54	4 9	3 44	23 15		n.a.
T 19	23 4	3n 0	0 13	25 35	1 46	21 41	0 4	9 25	2 18	23 36	0 53	11 5	2 30	16 30	0 46	19 9	1 17	29 8	16 54	4 9	3 42	23 12		n.a.
W20	23 10	9 4	0n55	25 29	1 42	21 56	0 6	9 32	2 20	23 34	0 53	11 3	2 30	16 29	0 46	19 8	1 17	29 8	16 55	4 9	3 41	23 10		n.a.
T 21	23 16	14 56	2 2	25 21	1 39	22 10	0 9	9 39	2 21	23 32	0 53	11 2	2 30	16 28	0 46	19 8	1 17	29 8	16 55	4 8	3 40	23 8		n.a.
F 22	23 21	20 17	3 4	25 12	1 35	22 24	0 11	9 46	2 22	23 31	0 53	11 1	2 30	16 28	0 46	19 8	1 17	29 9	16 55	4 6	3 39	23 6		n.a.
S 23	23 25	24 42	3 57	25 1	1 30	22 38	0 13	9 53	2 23	23 29	0 53	10 59	2 30	16 27	0 46	19 7	1 17	29 9	16 56	4 4	3 37	23 4		n.a.
S 24	23 30	27 40	4 36	24 49	1 25	22 51	0 16	10 1	2 24	23 28	0 53	10 58	2 29	16 26	0 46	19 7	1 17	29 10	16 56	4 0	3 36	23 2		n.a.
M25	23 34	28 48	4 58	24 35	1 20	23 3	0 18	10 9	2 25	23 26	0 53	10 57	2 29	16 25	0 46	19 7	1 17	29 10	16 56	3 56	3 35	22 59		n.a.
T 26	23 37	27 50	5 0	24 19	1 14	23 14	0 20	10 16	2 26	23 24	0 53	10 55	2 29	16 24	0 46	19 6	1 17	29 11	16 57	3 52	3 33	22 57		n.a.
W27	23 40	24 53	4 41	24 3	1 8	23 25	0 23	10 25	2 27	23 22	0 53	10 54	2 29	16 24	0 45	19 6	1 17	29 11	16 57	3 48	3 32	22 55		n.a.
T 28	23 43	20 19	4 4	23 45	1 1	23 35	0 25	10 33	2 28	23 21	0 53	10 52	2 29	16 23	0 45	19 6	1 17	29 12	16 57	3 46	3 31	22 53		n.a.
F 29	23 45	14 37	3 11	23 26	0 54	23 44	0 27	10 41	2 29	23 19	0 53	10 51	2 28	16 22	0 45	19 6	1 17	29 12	16 58	3 44	3 30	22 50		n.a.
S 30	23n47	8n15	2n 8	23n 6	0n47	23n53	0n29	10s50	2s30	23n17	0n53	10n49	2n28	16n21	0n45	19s 5	1n17	29s13	16s58	3n43	3n28	22s48		n.a.

Julian Day Number = 1304824.5, Delta T = 07h47m00s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'10, Lahiri = -19°42'10 Julian Calendar 1 June 1141 BCE == Greg. Calendar 21 May 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

JULY 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 26	27♊20'04	28♍ 9	21♋21	20♊30	21♎52	19♋36	8♍30	18♌13	29°R19	25°R 6	9°D13	8♈34	8♒24	n.a.	S 1
M 2	17 58 23	28°17'35	11♎43	22°46	21°44	22°14	19°49	8°34	18°16	29♏18	25♒ 5	9°R14	8°31	8°30	n.a.	M 2
T 3	18 2 19	29°15'07	24°59	24° 9	22°58	22°36	20° 1	8°38	18°18	29°17	25° 5	9♈13	8°28	8°37	n.a.	T 3
W 4	18 6 16	0♋12'40	8♏ 0	25°30	24°12	22°59	20°14	8°42	18°21	29°15	25° 4	9°10	8°25	8°44	n.a.	W 4
T 5	18 10 12	1°10'14	20°48	26°50	25°26	23°22	20°27	8°46	18°24	29°14	25° 3	9° 5	8°21	8°51	n.a.	T 5
F 6	18 14 9	2° 7'50	3♐25	28° 7	26°40	23°46	20°39	8°50	18°27	29°13	25° 3	8°57	8°18	8°57	n.a.	F 6
S 7	18 18 5	3° 5'27	15°51	29°23	27°55	24°10	20°52	8°54	18°30	29°11	25° 2	8°46	8°15	9° 4	n.a.	S 7
S 8	18 22 2	4° 3'05	28° 9	0♌36	29° 9	24°34	21° 5	8°58	18°33	29°10	25° 2	8°34	8°12	9°11	n.a.	S 8
M 9	18 25 58	5° 0'45	10♑18	1°48	0♋23	24°59	21°18	9° 2	18°36	29° 9	25° 1	8°20	8° 9	9°17	n.a.	M 9
T 10	18 29 55	5°58'26	22°19	2°57	1°37	25°25	21°30	9° 7	18°39	29° 8	25° 0	8° 6	8° 6	9°24	n.a.	T 10
W11	18 33 52	6°56'09	4♒15	4° 4	2°51	25°51	21°43	9°11	18°42	29° 6	24°59	7°54	8° 2	9°31	n.a.	W11
T 12	18 37 48	7°53'54	16° 6	5° 9	4° 6	26°17	21°56	9°16	18°45	29° 5	24°59	7°44	7°59	9°37	n.a.	T 12
F 13	18 41 45	8°51'40	27°55	6°11	5°20	26°44	22° 9	9°20	18°48	29° 4	24°58	7°37	7°56	9°44	n.a.	F 13
S 14	18 45 41	9°49'28	9♓46	7°11	6°34	27°12	22°22	9°25	18°51	29° 3	24°57	7°32	7°53	9°51	n.a.	S 14
S 15	18 49 38	10°47'18	21°43	8° 8	7°49	27°39	22°35	9°30	18°54	29° 2	24°56	7°30	7°50	9°58	n.a.	S 15
M16	18 53 34	11°45'09	3♈50	9° 2	9° 3	28° 7	22°48	9°34	18°58	29° 1	24°56	7°29	7°46	10° 4	n.a.	M16
T 17	18 57 31	12°43'03	16°13	9°54	10°17	28°36	23° 1	9°39	19° 1	29° 0	24°55	7°29	7°43	10°11	n.a.	T 17
W18	19 1 27	13°40'59	28°57	10°42	11°32	29° 5	23°14	9°44	19° 4	28°59	24°54	7°29	7°40	10°18	n.a.	W18
T 19	19 5 24	14°38'56	12♉ 6	11°26	12°46	29°34	23°27	9°49	19° 7	28°58	24°53	7°26	7°37	10°24	n.a.	T 19
F 20	19 9 21	15°36'56	25°44	12° 7	14° 1	0♏ 3	23°40	9°54	19°11	28°57	24°52	7°22	7°34	10°31	n.a.	F 20
S 21	19 13 17	16°34'58	9♊52	12°44	15°15	0°33	23°53	9°59	19°14	28°56	24°51	7°15	7°31	10°38	n.a.	S 21
S 22	19 17 14	17°33'02	24°28	13°17	16°30	1° 4	24° 6	10° 5	19°17	28°55	24°50	7° 5	7°27	10°44	n.a.	S 22
M23	19 21 10	18°31'08	9♋25	13°46	17°44	1°34	24°19	10°10	19°21	28°54	24°50	6°55	7°24	10°51	n.a.	M23
T 24	19 25 7	19°29'15	24°36	14°10	18°59	2° 5	24°32	10°15	19°24	28°53	24°49	6°44	7°21	10°58	n.a.	T 24
W25	19 29 3	20°27'25	9♌50	14°30	20°13	2°37	24°45	10°20	19°28	28°52	24°48	6°34	7°18	11° 5	n.a.	W25
T 26	19 33 0	21°25'36	24°55	14°44	21°28	3° 8	24°58	10°26	19°31	28°51	24°47	6°27	7°15	11°11	n.a.	T 26
F 27	19 36 57	22°23'49	9♍43	14°52	22°43	3°40	25°11	10°31	19°35	28°50	24°46	6°22	7°12	11°18	n.a.	F 27
S 28	19 40 53	23°22'03	24° 9	14°R55	23°57	4°13	25°24	10°37	19°38	28°50	24°45	6°20	7° 8	11°25	n.a.	S 28
S 29	19 44 50	24°20'19	8♎10	14°52	25°12	4°45	25°37	10°42	19°42	28°49	24°44	6°D20	7° 5	11°31	n.a.	S 29
M30	19 48 46	25°18'37	21°46	14°43	26°27	5°18	25°50	10°48	19°45	28°48	24°43	6°R20	7° 2	11°38	n.a.	M30
T 31	19 52 43	26♋16'56	4♏59	14♌27	27♋41	5♏51	26♋ 3	10♍54	19♌49	28♏48	24♒42	6♈20	6♈59	11♒45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	1n38	0n58	22n45	0n39	24n 1	0n32	10s59	2s31	23n15	0n54	10n48	2n28	16n20	0n45	19s 5	1n17	29s13	16s58	3n43	3n27	22s46		n.a.
M 2	23 49	4s55	0s13	22 23	0 31	24 8	0 34	11 8	2 32	23 14	0 54	10 46	2 28	16 19	0 45	19 5	1 17	29 14	16 59	3 43	3 26	22 44		n.a.
T 3	23 50	11 6	1 22	22 1	0 23	24 15	0 36	11 17	2 32	23 12	0 54	10 44	2 27	16 18	0 45	19 5	1 17	29 14	16 59	3 43	3 25	22 41		n.a.
W 4	23 50	16 42	2 26	21 38	0 14	24 20	0 38	11 26	2 33	23 10	0 54	10 43	2 27	16 18	0 45	19 4	1 17	29 15	16 59	3 42	3 23	22 39		n.a.
T 5	23 50	21 28	3 21	21 14	0 6	24 25	0 40	11 36	2 34	23 8	0 54	10 41	2 27	16 17	0 45	19 4	1 17	29 15	17 0	3 39	3 22	22 37		n.a.
F 6	23 49	25 11	4 5	20 49	0s 3	24 30	0 42	11 45	2 35	23 6	0 54	10 39	2 27	16 16	0 45	19 4	1 17	29 16	17 0	3 36	3 21	22 35		n.a.
S 7	23 48	27 39	4 36	20 25	0 13	24 33	0 44	11 55	2 35	23 4	0 54	10 37	2 27	16 15	0 45	19 4	1 17	29 16	17 0	3 32	3 19	22 32		n.a.
S 8	23 46	28 44	4 55	20 0	0 22	24 36	0 46	12 5	2 36	23 2	0 54	10 36	2 26	16 14	0 45	19 3	1 17	29 17	17 1	3 27	3 18	22 30		n.a.
M 9	23 44	28 24	4 59	19 34	0 32	24 38	0 48	12 15	2 36	23 0	0 54	10 34	2 26	16 13	0 45	19 3	1 17	29 17	17 1	3 21	3 17	22 28		n.a.
T 10	23 42	26 43	4 50	19 9	0 42	24 40	0 50	12 25	2 37	22 58	0 54	10 32	2 26	16 12	0 45	19 3	1 17	29 18	17 1	3 16	3 16	22 26		n.a.
W11	23 39	23 52	4 29	18 43	0 52	24 40	0 52	12 35	2 37	22 56	0 54	10 30	2 26	16 11	0 45	19 3	1 17	29 18	17 1	3 11	3 14	22 23		n.a.
T 12	23 36	20 1	3 56	18 18	1 2	24 40	0 54	12 45	2 38	22 54	0 54	10 28	2 26	16 10	0 45	19 2	1 17	29 19	17 2	3 7	3 13	22 21		n.a.
F 13	23 32	15 24	3 13	17 52	1 12	24 39	0 56	12 56	2 38	22 52	0 54	10 26	2 26	16 9	0 45	19 2	1 16	29 19	17 2	3 4	3 12	22 19		n.a.
S 14	23 28	10 12	2 21	17 27	1 23	24 37	0 57	13 6	2 39	22 50	0 54	10 24	2 25	16 8	0 45	19 2	1 16	29 20	17 2	3 2	3 11	22 16		n.a.
S 15	23 23	4 36	1 22	17 2	1 33	24 35	0 59	13 17	2 39	22 48	0 54	10 22	2 25	16 7	0 45	19 2	1 16	29 20	17 3	3 1	3 9	22 14		n.a.
M16	23 18	1n15	0 19	16 37	1 44	24 32	1 1	13 27	2 39	22 46	0 54	10 20	2 25	16 6	0 45	19 2	1 16	29 21	17 3	3 1	3 8	22 12		n.a.
T 17	23 13	7 11	0n46	16 13	1 54	24 28	1 2	13 38	2 40	22 43	0 54	10 18	2 25	16 5	0 45	19 1	1 16	29 22	17 3	3 1	3 7	22 9		n.a.
W18	23 7	13 0	1 51	15 50	2 5	24 23	1 4	13 49	2 40	22 41	0 54	10 16	2 25	16 4	0 45	19 1	1 16	29 22	17 3	3 1	3 5	22 7		n.a.
T 19	23 1	18 26	2 52	15 28	2 16	24 18	1 5	13 59	2 40	22 39	0 54	10 14	2 24	16 3	0 45	19 1	1 16	29 23	17 4	3 0	3 4	22 5		n.a.
F 20	22 54	23 9	3 46	15 6	2 27	24 11	1 7	14 10	2 41	22 37	0 54	10 12	2 24	16 2	0 45	19 1	1 16	29 23	17 4	2 58	3 3	22 2		n.a.
S 21	22 47	26 42	4 28	14 45	2 37	24 5	1 8	14 21	2 41	22 34	0 54	10 10	2 24	16 0	0 45	19 1	1 16	29 24	17 4	2 55	3 2	22 0		n.a.
S 22	22 40	28 36	4 54	14 26	2 48	23 57	1 10	14 32	2 41	22 32	0 54	10 8	2 24	15 59	0 45	19 0	1 16	29 24	17 4	2 52	3 0	21 58		n.a.
M23	22 32	28 29	5 1	14 8	2 58	23 48	1 11	14 43	2 41	22 30	0 54	10 6	2 24	15 58	0 45	19 0	1 16	29 25	17 5	2 47	2 59	21 55		n.a.
T 24	22 23	26 15	4 47	13 51	3 8	23 39	1 12	14 55	2 41	22 28	0 54	10 3	2 24	15 57	0 45	19 0	1 16	29 25	17 5	2 43	2 58	21 53		n.a.
W25	22 15	22 7	4 12	13 37	3 17	23 30	1 13	15 6	2 41	22 25	0 55	10 1	2 24	15 56	0 45	19 0	1 16	29 26	17 5	2 39	2 57	21 50		n.a.
T 26	22 6	16 34	3 20	13 24	3 27	23 19	1 15	15 17	2 41	22 23	0 55	9 59	2 23	15 55	0 45	19 0	1 16	29 26	17 5	2 36	2 55	21 48		n.a.
F 27	21 56	10 9	2 16	13 13	3 35	23 8	1 16	15 28	2 42	22 21	0 55	9 57	2 23	15 54	0 45	19 0	1 16	29 27	17 5	2 34	2 54	21 46		n.a.
S 28	21 46	3 20	1 4	13 4	3 43	22 56	1 17	15 40	2 42	22 18	0 55	9 54	2 23	15 53	0 45	19 0	1 16	29 28	17 6	2 33	2 53	21 43		n.a.
S 29	21 36	3s26	0s10	12 58	3 51	22 43	1 18	15 51	2 42	22 16	0 55	9 52	2 23	15 52	0 45	19 0	1 16	29 28	17 6	2 33	2 51	21 41		n.a.
M30	21 25	9 52	1 21	12 54	3 58	22 30	1 19	16 2	2 42	22 13	0 55	9 50	2 23	15 50	0 45	18 59	1 16	29 29	17 6	2 33	2 50	21 38		n.a.
T 31	21n14	15s41	2s26	12n53	4s 3	22n16	1n19	16s14	2s42	22n11	0n55	9n48	2n23	15n49	0n45	18s59	1n16	29s29	17s 6	2n33	2n49	21s36		n.a.

Julian Day Number = 1304854.5, Delta T = 07h46m59s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'06, Lahiri = -19°42'06 Julian Calendar 1 July 1141 BCE == Greg. Calendar 20 June 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

AUGUST 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 56 39	27♋15'17	17♏52	14°R 5	28♋56	6♏25	26♋16	11♍ 0	19♌52	28°R47	24°R41	6°R18	6♈56	11♒51	n.a.	W 1
T 2	20 0 36	28°13'40	0♐30	13♌36	0♌11	6°59	26°29	11° 5	19°56	28♏46	24♒40	6♈14	6°52	11°58	n.a.	T 2
F 3	20 4 32	29°12'05	12°54	13° 1	1°25	7°33	26°42	11°11	19°59	28°46	24°39	6° 7	6°49	12° 5	n.a.	F 3
S 4	20 8 29	0♌10'31	25° 8	12°20	2°40	8° 7	26°55	11°17	20° 3	28°45	24°38	5°57	6°46	12°12	n.a.	S 4
S 5	20 12 25	1° 8'59	7♉14	11°33	3°55	8°42	27° 8	11°23	20° 7	28°45	24°37	5°46	6°43	12°18	n.a.	S 5
M 6	20 16 22	2° 7'30	19°14	10°40	5°10	9°16	27°21	11°29	20°10	28°44	24°35	5°34	6°40	12°25	n.a.	M 6
T 7	20 20 19	3° 6'02	1♒ 9	9°44	6°25	9°51	27°34	11°35	20°14	28°44	24°34	5°22	6°37	12°32	n.a.	T 7
W 8	20 24 15	4° 4'36	13° 1	8°43	7°39	10°27	27°48	11°41	20°18	28°43	24°33	5°12	6°33	12°38	n.a.	W 8
T 9	20 28 12	5° 3'13	24°51	7°41	8°54	11° 2	28° 1	11°47	20°21	28°43	24°32	5° 3	6°30	12°45	n.a.	T 9
F 10	20 32 8	6° 1'51	6♓41	6°38	10° 9	11°38	28°14	11°54	20°25	28°42	24°31	4°56	6°27	12°52	n.a.	F 10
S 11	20 36 5	7° 0'32	18°34	5°35	11°24	12°14	28°27	12° 0	20°29	28°42	24°30	4°53	6°24	12°58	n.a.	S 11
S 12	20 40 1	7°59'15	0♈33	4°34	12°39	12°50	28°40	12° 6	20°33	28°42	24°29	4°D51	6°21	13° 5	n.a.	S 12
M13	20 43 58	8°58'00	12°42	3°38	13°54	13°27	28°53	12°12	20°36	28°41	24°28	4°51	6°18	13°12	n.a.	M13
T 14	20 47 54	9°56'48	25° 5	2°46	15° 8	14° 3	29° 5	12°19	20°40	28°41	24°27	4°52	6°14	13°19	n.a.	T 14
W15	20 51 51	10°55'38	7♉46	2° 0	16°23	14°40	29°18	12°25	20°44	28°41	24°25	4°R53	6°11	13°25	n.a.	W15
T 16	20 55 48	11°54'30	20°50	1°23	17°38	15°17	29°31	12°32	20°48	28°41	24°24	4°53	6° 8	13°32	n.a.	T 16
F 17	20 59 44	12°53'25	4♊21	0°54	18°53	15°54	29°44	12°38	20°51	28°40	24°23	4°50	6° 5	13°39	n.a.	F 17
S 18	21 3 41	13°52'23	18°21	0°34	20° 8	16°32	29°57	12°45	20°55	28°40	24°22	4°46	6° 2	13°45	n.a.	S 18
S 19	21 7 37	14°51'23	2♋50	0°D24	21°23	17°10	0♌10	12°51	20°59	28°40	24°21	4°40	5°58	13°52	n.a.	S 19
M20	21 11 34	15°50'26	17°42	0°25	22°38	17°47	0°23	12°58	21° 3	28°40	24°20	4°33	5°55	13°59	n.a.	M20
T 21	21 15 30	16°49'30	2♌52	0°35	23°53	18°25	0°36	13° 4	21° 7	28°D40	24°18	4°26	5°52	14° 5	n.a.	T 21
W22	21 19 27	17°48'37	18°10	0°56	25° 8	19° 4	0°49	13°11	21°10	28°40	24°17	4°19	5°49	14°12	n.a.	W22
T 23	21 23 23	18°47'46	3♍23	1°26	26°23	19°42	1° 1	13°18	21°14	28°40	24°16	4°14	5°46	14°19	n.a.	T 23
F 24	21 27 20	19°46'58	18°23	2° 5	27°38	20°21	1°14	13°24	21°18	28°40	24°15	4°11	5°43	14°26	n.a.	F 24
S 25	21 31 16	20°46'11	3♎ 2	2°53	28°53	20°59	1°27	13°31	21°22	28°40	24°14	4°D10	5°39	14°32	n.a.	S 25
S 26	21 35 13	21°45'26	17°15	3°49	0♍ 8	21°38	1°39	13°38	21°26	28°40	24°12	4°10	5°36	14°39	n.a.	S 26
M27	21 39 10	22°44'43	1♏ 0	4°53	1°23	22°17	1°52	13°45	21°29	28°41	24°11	4°12	5°33	14°46	n.a.	M27
T 28	21 43 6	23°44'02	14°18	6° 3	2°38	22°57	2° 5	13°52	21°33	28°41	24°10	4°13	5°30	14°52	n.a.	T 28
W29	21 47 3	24°43'23	27°13	7°18	3°53	23°36	2°17	13°58	21°37	28°41	24° 9	4°R13	5°27	14°59	n.a.	W29
T 30	21 50 59	25°42'46	9♐49	8°39	5° 8	24°16	2°30	14° 5	21°41	28°41	24° 8	4°12	5°23	15° 6	n.a.	T 30
F 31	21 54 56	26♌42'10	22♐ 8	10♌ 5	6♍23	24♏55	2♌42	14♍12	21♌45	28♏42	24♒ 7	4♈ 9	5♈20	15♒12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n 3	20s39	3s22	12n55	4s 8	22n 1	1n20	16s25	2s42	22n 9	0n55	9n45	2n23	15n48	0n45	18s59	1n16	29s30	17s 6	2n32	2n48	21s34			n.a.
T 2	20 51	24 36	4 6	13 1	4 11	21 46	1 21	16 36	2 42	22 6	0 55	9 43	2 22	15 47	0 45	18 59	1 16	29 30	17 7	2 31	2 46	21 31			n.a.
F 3	20 39	27 19	4 38	13 9	4 13	21 30	1 22	16 48	2 42	22 4	0 55	9 40	2 22	15 46	0 45	18 59	1 16	29 31	17 7	2 28	2 45	21 29			n.a.
S 4	20 27	28 41	4 57	13 20	4 13	21 13	1 22	16 59	2 41	22 1	0 55	9 38	2 22	15 45	0 45	18 59	1 16	29 31	17 7	2 24	2 44	21 26			n.a.
S 5	20 14	28 40	5 2	13 35	4 11	20 56	1 23	17 10	2 41	21 59	0 55	9 36	2 22	15 43	0 45	18 59	1 15	29 32	17 7	2 20	2 42	21 24			n.a.
M 6	20 1	27 17	4 54	13 52	4 8	20 38	1 23	17 22	2 41	21 56	0 55	9 33	2 22	15 42	0 45	18 59	1 15	29 32	17 7	2 15	2 41	21 21			n.a.
T 7	19 47	24 40	4 33	14 13	4 3	20 19	1 24	17 33	2 41	21 54	0 55	9 31	2 22	15 41	0 45	18 59	1 15	29 33	17 7	2 10	2 40	21 19			n.a.
W 8	19 33	21 1	4 0	14 36	3 55	20 0	1 24	17 44	2 41	21 51	0 56	9 28	2 22	15 40	0 45	18 59	1 15	29 34	17 8	2 6	2 39	21 17			n.a.
T 9	19 19	16 32	3 17	15 1	3 46	19 41	1 24	17 55	2 41	21 48	0 56	9 26	2 22	15 39	0 45	18 59	1 15	29 34	17 8	2 2	2 37	21 14			n.a.
F 10	19 4	11 26	2 25	15 28	3 34	19 21	1 24	18 7	2 41	21 46	0 56	9 23	2 21	15 37	0 45	18 59	1 15	29 35	17 8	2 0	2 36	21 12			n.a.
S 11	18 49	5 54	1 26	15 56	3 21	19 0	1 25	18 18	2 40	21 43	0 56	9 21	2 21	15 36	0 45	18 59	1 15	29 35	17 8	1 58	2 35	21 9			n.a.
S 12	18 34	0 8	0 23	16 25	3 6	18 39	1 25	18 29	2 40	21 41	0 56	9 18	2 21	15 35	0 45	18 59	1 15	29 36	17 8	1 58	2 34	21 7			n.a.
M13	18 19	5n44	0n42	16 55	2 50	18 17	1 25	18 40	2 40	21 38	0 56	9 16	2 21	15 34	0 45	18 59	1 15	29 36	17 8	1 58	2 32	21 4			n.a.
T 14	18 3	11 30	1 46	17 24	2 32	17 54	1 25	18 51	2 40	21 35	0 56	9 13	2 21	15 32	0 45	18 59	1 15	29 37	17 8	1 58	2 31	21 2			n.a.
W15	17 47	16 57	2 47	17 52	2 14	17 31	1 25	19 2	2 39	21 33	0 56	9 10	2 21	15 31	0 45	18 59	1 15	29 37	17 8	1 58	2 30	20 59			n.a.
T 16	17 30	21 49	3 41	18 19	1 55	17 8	1 24	19 13	2 39	21 30	0 56	9 8	2 21	15 30	0 45	18 59	1 15	29 38	17 9	1 58	2 28	20 57			n.a.
F 17	17 13	25 42	4 25	18 44	1 35	16 44	1 24	19 24	2 39	21 27	0 56	9 5	2 21	15 29	0 45	18 59	1 15	29 38	17 9	1 57	2 27	20 54			n.a.
S 18	16 56	28 12	4 55	19 8	1 16	16 20	1 24	19 35	2 38	21 25	0 56	9 3	2 21	15 28	0 45	18 59	1 15	29 39	17 9	1 56	2 26	20 52			n.a.
S 19	16 39	28 55	5 7	19 29	0 56	15 55	1 23	19 45	2 38	21 22	0 57	9 0	2 21	15 26	0 45	18 59	1 15	29 39	17 9	1 53	2 25	20 49			n.a.
M20	16 21	27 35	4 59	19 47	0 38	15 30	1 23	19 56	2 38	21 19	0 57	8 57	2 20	15 25	0 45	18 59	1 15	29 40	17 9	1 50	2 23	20 47			n.a.
T 21	16 3	24 13	4 31	20 2	0 20	15 4	1 23	20 6	2 37	21 17	0 57	8 55	2 20	15 24	0 45	18 59	1 15	29 40	17 9	1 47	2 22	20 44			n.a.
W22	15 45	19 9	3 42	20 14	0 3	14 38	1 22	20 17	2 37	21 14	0 57	8 52	2 20	15 23	0 45	18 59	1 15	29 41	17 9	1 45	2 21	20 42			n.a.
T 23	15 26	12 53	2 38	20 23	0n13	14 12	1 21	20 27	2 36	21 11	0 57	8 49	2 20	15 21	0 45	18 59	1 15	29 41	17 9	1 42	2 20	20 39			n.a.
F 24	15 7	5 57	1 24	20 29	0 28	13 45	1 21	20 37	2 36	21 8	0 57	8 47	2 20	15 20	0 45	18 59	1 15	29 42	17 9	1 41	2 18	20 36			n.a.
S 25	14 48	1s 8	0 6	20 31	0 42	13 18	1 20	20 48	2 35	21 6	0 57	8 44	2 20	15 19	0 45	18 59	1 14	29 42	17 9	1 41	2 17	20 34			n.a.
S 26	14 29	7 58	1s10	20 30	0 55	12 50	1 19	20 58	2 35	21 3	0 57	8 41	2 20	15 18	0 45	18 59	1 14	29 42	17 9	1 41	2 16	20 31			n.a.
M27	14 10	14 12	2 20	20 25	1 6	12 22	1 18	21 8	2 35	21 0	0 57	8 38	2 20	15 16	0 45	18 59	1 14	29 43	17 9	1 42	2 14	20 29			n.a.
T 28	13 50	19 35	3 20	20 18	1 16	11 54	1 17	21 18	2 34	20 57	0 58	8 36	2 20	15 15	0 45	18 59	1 14	29 43	17 9	1 42	2 13	20 26			n.a.
W29	13 30	23 53	4 8	20 7	1 25	11 26	1 16	21 27	2 34	20 55	0 58	8 33	2 20	15 14	0 45	18 59	1 14	29 44	17 9	1 42	2 12	20 24			n.a.
T 30	13 9	26 57	4 43	19 53	1 32	10 57	1 15	21 37	2 33	20 52	0 58	8 30	2 20	15 13	0 45	18 59	1 14	29 44	17 9	1 42	2 11	20 21			n.a.
F 31	12n49	28s39	5s 4	19n36	1n39	10n28	1n14	21s46	2s33	20n49	0n58	8n27	2n20	15n11	0n45	19s 0	1n14	29s45	17s 9	1n41	2n 9	20s19			n.a.

Julian Day Number = 1304885.5, Delta T = 07h46m57s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°49'02, Lahiri = -19°42'01 Julian Calendar 1 Aug. 1141 BCE == Greg. Calendar 21 July 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

SEPTEMBER 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 52	27♌41'37	4♉16	11♌34	7♍38	25♏35	2♌55	14♍19	21♌48	28♏42	24°R 5	4°R 5	5♈17	15♒19	n.a.	S 1
S 2	22 2 49	28°41'06	16°15	13° 6	8°53	26°15	3° 7	14°26	21°52	28°42	24♒ 4	3♈59	5°14	15°26	n.a.	S 2
M 3	22 6 45	29°40'37	28° 9	14°41	10° 8	26°55	3°20	14°33	21°56	28°43	24° 3	3°53	5°11	15°32	n.a.	M 3
T 4	22 10 42	0♍40'09	10♒ 0	16°19	11°23	27°35	3°32	14°40	22° 0	28°43	24° 2	3°46	5° 8	15°39	n.a.	T 4
W 5	22 14 39	1°39'44	21°51	17°58	12°38	28°16	3°44	14°47	22° 4	28°44	24° 1	3°41	5° 4	15°46	n.a.	W 5
T 6	22 18 35	2°39'21	3♓43	19°38	13°53	28°56	3°56	14°54	22° 7	28°44	23°59	3°36	5° 1	15°53	n.a.	T 6
F 7	22 22 32	3°39'00	15°39	21°20	15° 8	29°37	4° 9	15° 1	22°11	28°45	23°58	3°33	4°58	15°59	n.a.	F 7
S 8	22 26 28	4°38'41	27°39	23° 2	16°24	0♐17	4°21	15° 8	22°15	28°45	23°57	3°D32	4°55	16° 6	n.a.	S 8
S 9	22 30 25	5°38'24	9♈47	24°45	17°39	0°58	4°33	15°15	22°19	28°46	23°56	3°32	4°52	16°13	n.a.	S 9
M10	22 34 21	6°38'10	22° 4	26°28	18°54	1°39	4°45	15°22	22°22	28°46	23°55	3°33	4°49	16°19	n.a.	M10
T 11	22 38 18	7°37'58	4♉33	28°11	20° 9	2°20	4°57	15°29	22°26	28°47	23°54	3°35	4°45	16°26	n.a.	T 11
W12	22 42 14	8°37'48	17°19	29°54	21°24	3° 1	5° 9	15°36	22°30	28°48	23°52	3°36	4°42	16°33	n.a.	W12
T 13	22 46 11	9°37'41	0♊23	1♍37	22°39	3°43	5°21	15°43	22°33	28°49	23°51	3°37	4°39	16°39	n.a.	T 13
F 14	22 50 7	10°37'36	13°49	3°20	23°54	4°24	5°32	15°51	22°37	28°49	23°50	3°R38	4°36	16°46	n.a.	F 14
S 15	22 54 4	11°37'34	27°38	5° 3	25° 9	5° 6	5°44	15°58	22°41	28°50	23°49	3°37	4°33	16°53	n.a.	S 15
S 16	22 58 1	12°37'34	11♋51	6°45	26°24	5°47	5°56	16° 5	22°44	28°51	23°48	3°35	4°29	16°59	n.a.	S 16
M17	23 1 57	13°37'36	26°27	8°27	27°39	6°29	6° 8	16°12	22°48	28°52	23°47	3°33	4°26	17° 6	n.a.	M17
T 18	23 5 54	14°37'41	11♌19	10° 9	28°54	7°11	6°19	16°19	22°52	28°53	23°46	3°30	4°23	17°13	n.a.	T 18
W19	23 9 50	15°37'48	26°23	11°50	0♎ 9	7°52	6°31	16°26	22°55	28°54	23°45	3°28	4°20	17°19	n.a.	W19
T 20	23 13 47	16°37'56	11♍28	13°30	1°24	8°34	6°42	16°33	22°59	28°55	23°44	3°26	4°17	17°26	n.a.	T 20
F 21	23 17 43	17°38'07	26°25	15°11	2°39	9°16	6°53	16°40	23° 2	28°56	23°42	3°D25	4°14	17°33	n.a.	F 21
S 22	23 21 40	18°38'20	11♎ 7	16°50	3°54	9°59	7° 5	16°48	23° 6	28°57	23°41	3°25	4°10	17°40	n.a.	S 22
S 23	23 25 36	19°38'34	25°26	18°29	5° 9	10°41	7°16	16°55	23°10	28°58	23°40	3°26	4° 7	17°46	n.a.	S 23
M24	23 29 33	20°38'51	9♏20	20° 8	6°24	11°23	7°27	17° 2	23°13	28°59	23°39	3°27	4° 4	17°53	n.a.	M24
T 25	23 33 30	21°39'09	22°47	21°46	7°39	12° 5	7°38	17° 9	23°16	29° 0	23°38	3°28	4° 1	18° 0	n.a.	T 25
W26	23 37 26	22°39'29	5♐49	23°24	8°54	12°48	7°49	17°16	23°20	29° 1	23°37	3°29	3°58	18° 6	n.a.	W26
T 27	23 41 23	23°39'50	18°29	25° 1	10° 9	13°30	8° 0	17°23	23°23	29° 2	23°36	3°R29	3°55	18°13	n.a.	T 27
F 28	23 45 19	24°40'13	0♉49	26°38	11°24	14°13	8°11	17°30	23°27	29° 3	23°35	3°29	3°51	18°20	n.a.	F 28
S 29	23 49 16	25°40'37	12°56	28°15	12°39	14°56	8°22	17°37	23°30	29° 5	23°34	3°29	3°48	18°26	n.a.	S 29
S 30	23 53 12	26♍41'04	24♉53	29♍51	13♎54	15♐38	8♌32	17♍44	23♌34	29♏ 6	23♒33	3♈28	3♈45	18♒33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n28	28s56	5s11	19n16	1n44	9n58	1n13	21s56	2s32	20n46	0n58	8n25	2n20	15n10	0n45	19s 0	1n14	29s45	17s 9	1n39	2n 8	20s16		n.a.
S 2	12 7	27 51	5 4	18 53	1 49	9 28	1 12	22 5	2 31	20 43	0 58	8 22	2 20	15 9	0 45	19 0	1 14	29 45	17 9	1 37	2 7	20 13		n.a.
M 3	11 46	25 30	4 44	18 28	1 52	8 58	1 10	22 14	2 31	20 41	0 58	8 19	2 20	15 8	0 45	19 0	1 14	29 46	17 9	1 34	2 5	20 11		n.a.
T 4	11 25	22 3	4 11	18 1	1 54	8 28	1 9	22 23	2 30	20 38	0 59	8 16	2 20	15 6	0 45	19 0	1 14	29 46	17 9	1 31	2 4	20 8		n.a.
W 5	11 3	17 44	3 28	17 32	1 56	7 58	1 8	22 32	2 30	20 35	0 59	8 14	2 20	15 5	0 45	19 0	1 14	29 47	17 9	1 29	2 3	20 6		n.a.
T 6	10 42	12 43	2 36	17 1	1 57	7 27	1 6	22 40	2 29	20 32	0 59	8 11	2 20	15 4	0 45	19 0	1 14	29 47	17 9	1 27	2 2	20 3		n.a.
F 7	10 20	7 14	1 36	16 28	1 57	6 56	1 5	22 49	2 29	20 29	0 59	8 8	2 19	15 3	0 45	19 1	1 14	29 47	17 9	1 26	2 0	20 0		n.a.
S 8	9 58	1 26	0 32	15 53	1 56	6 25	1 3	22 57	2 28	20 27	0 59	8 5	2 19	15 2	0 45	19 1	1 14	29 48	17 9	1 26	1 59	19 58		n.a.
S 9	9 36	4n27	0n34	15 17	1 55	5 54	1 1	23 5	2 27	20 24	0 59	8 2	2 19	15 0	0 45	19 1	1 14	29 48	17 9	1 26	1 58	19 55		n.a.
M10	9 13	10 16	1 40	14 40	1 53	5 23	1 0	23 13	2 27	20 21	0 59	8 0	2 19	14 59	0 45	19 1	1 14	29 48	17 9	1 26	1 56	19 52		n.a.
T 11	8 51	15 47	2 42	14 1	1 50	4 51	0 58	23 21	2 26	20 18	1 0	7 57	2 19	14 58	0 45	19 1	1 14	29 49	17 9	1 27	1 55	19 50		n.a.
W12	8 28	20 45	3 38	13 22	1 48	4 20	0 56	23 29	2 25	20 15	1 0	7 54	2 19	14 57	0 45	19 2	1 14	29 49	17 9	1 27	1 54	19 47		n.a.
T 13	8 5	24 51	4 24	12 42	1 44	3 48	0 55	23 36	2 25	20 13	1 0	7 51	2 19	14 55	0 45	19 2	1 13	29 49	17 8	1 28	1 53	19 45		n.a.
F 14	7 42	27 44	4 57	12 0	1 41	3 16	0 53	23 44	2 24	20 10	1 0	7 48	2 19	14 54	0 45	19 2	1 13	29 50	17 8	1 28	1 51	19 42		n.a.
S 15	7 19	29 2	5 13	11 18	1 37	2 44	0 51	23 51	2 23	20 7	1 0	7 46	2 19	14 53	0 45	19 2	1 13	29 50	17 8	1 28	1 50	19 39		n.a.
S 16	6 56	28 28	5 12	10 36	1 32	2 12	0 49	23 58	2 23	20 4	1 0	7 43	2 19	14 52	0 45	19 2	1 13	29 50	17 8	1 27	1 49	19 37		n.a.
M17	6 32	25 57	4 50	9 53	1 27	1 40	0 47	24 4	2 22	20 1	1 0	7 40	2 19	14 51	0 45	19 3	1 13	29 51	17 8	1 26	1 48	19 34		n.a.
T 18	6 9	21 39	4 9	9 9	1 23	1 8	0 45	24 11	2 21	19 59	1 1	7 37	2 19	14 49	0 45	19 3	1 13	29 51	17 8	1 25	1 46	19 31		n.a.
W19	5 45	15 54	3 11	8 26	1 17	0 35	0 43	24 17	2 20	19 56	1 1	7 34	2 19	14 48	0 45	19 3	1 13	29 51	17 8	1 24	1 45	19 29		n.a.
T 20	5 22	9 12	1 58	7 41	1 12	0 3	0 41	24 24	2 20	19 53	1 1	7 32	2 19	14 47	0 45	19 3	1 13	29 51	17 8	1 23	1 44	19 26		n.a.
F 21	4 58	2 2	0 39	6 57	1 6	0s29	0 38	24 30	2 19	19 50	1 1	7 29	2 19	14 46	0 45	19 4	1 13	29 52	17 7	1 23	1 42	19 23		n.a.
S 22	4 34	5s 7	0s42	6 12	1 1	1 1	0 36	24 35	2 18	19 48	1 1	7 26	2 19	14 45	0 45	19 4	1 13	29 52	17 7	1 23	1 41	19 21		n.a.
S 23	4 10	11 50	1 59	5 28	0 55	1 34	0 34	24 41	2 17	19 45	1 2	7 23	2 19	14 44	0 45	19 4	1 13	29 52	17 7	1 23	1 40	19 18		n.a.
M24	3 46	17 46	3 6	4 43	0 49	2 6	0 32	24 46	2 17	19 42	1 2	7 20	2 20	14 42	0 45	19 4	1 13	29 52	17 7	1 24	1 39	19 15		n.a.
T 25	3 22	22 39	4 1	3 58	0 42	2 38	0 29	24 51	2 16	19 39	1 2	7 17	2 20	14 41	0 45	19 5	1 13	29 53	17 7	1 24	1 37	19 12		n.a.
W26	2 58	26 14	4 41	3 13	0 36	3 10	0 27	24 56	2 15	19 37	1 2	7 15	2 20	14 40	0 45	19 5	1 13	29 53	17 7	1 24	1 36	19 10		n.a.
T 27	2 33	28 24	5 6	2 28	0 30	3 42	0 25	25 1	2 14	19 34	1 2	7 12	2 20	14 39	0 45	19 5	1 13	29 53	17 6	1 25	1 35	19 7		n.a.
F 28	2 9	29 6	5 17	1 43	0 23	4 14	0 22	25 5	2 13	19 31	1 2	7 9	2 20	14 38	0 45	19 6	1 13	29 53	17 6	1 25	1 33	19 4		n.a.
S 29	1 45	28 23	5 13	0 58	0 17	4 46	0 20	25 10	2 13	19 29	1 3	7 6	2 20	14 37	0 45	19 6	1 13	29 53	17 6	1 24	1 32	19 2		n.a.
S 30	1n20	26s20	4s55	0n13	0n11	5s18	0n18	25s14	2s12	19n26	1n 3	7n 4	2n20	14n36	0n45	19s 6	1n13	29s54	17s 6	1n24	1n31	18s59		n.a.

Julian Day Number = 1304916.5, Delta T = 07h46m55s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'58, Lahiri = -19°41'57 Julian Calendar 1 Sept. 1141 BCE == Greg. Calendar 21 Aug. 1141 BCE

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

OCTOBER 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 57 9	27♍41'31	6♒45	1♎26	15♎ 9	16♐21	8♌43	17♍52	23♌37	29♏ 7	23°R32	3°R27	3♈42	18♒40	n.a.	M 1
T 2	0 1 5	28°42'00	18°34	3° 2	16°24	17° 4	8°53	17°59	23°40	29° 8	23♒31	3♈27	3°39	18°46	n.a.	T 2
W 3	0 5 2	29°42'31	0♓26	4°37	17°39	17°47	9° 4	18° 6	23°43	29°10	23°30	3°26	3°35	18°53	n.a.	W 3
T 4	0 8 58	0♎43'03	12°23	6°11	18°54	18°30	9°14	18°13	23°47	29°11	23°30	3°26	3°32	19° 0	n.a.	T 4
F 5	0 12 55	1°43'37	24°26	7°46	20° 9	19°13	9°24	18°20	23°50	29°13	23°29	3°25	3°29	19° 6	n.a.	F 5
S 6	0 16 52	2°44'13	6♈38	9°19	21°24	19°56	9°35	18°27	23°53	29°14	23°28	3°D25	3°26	19°13	n.a.	S 6
S 7	0 20 48	3°44'50	19° 1	10°53	22°39	20°39	9°45	18°34	23°56	29°15	23°27	3°R25	3°23	19°20	n.a.	S 7
M 8	0 24 45	4°45'29	1♉35	12°27	23°54	21°22	9°55	18°41	23°59	29°17	23°26	3°25	3°20	19°26	n.a.	M 8
T 9	0 28 41	5°46'09	14°21	14° 0	25° 9	22° 5	10° 4	18°47	24° 2	29°18	23°25	3°25	3°16	19°33	n.a.	T 9
W10	0 32 38	6°46'52	27°21	15°32	26°24	22°49	10°14	18°54	24° 6	29°20	23°24	3°25	3°13	19°40	n.a.	W10
T 11	0 36 34	7°47'36	10♊36	17° 5	27°39	23°32	10°24	19° 1	24° 9	29°22	23°24	3°24	3°10	19°47	n.a.	T 11
F 12	0 40 31	8°48'22	24° 6	18°37	28°54	24°15	10°33	19° 8	24°12	29°23	23°23	3°24	3° 7	19°53	n.a.	F 12
S 13	0 44 27	9°49'10	7♋52	20°10	0♏ 8	24°59	10°43	19°15	24°15	29°25	23°22	3°D24	3° 4	20° 0	n.a.	S 13
S 14	0 48 24	10°50'00	21°53	21°42	1°23	25°42	10°52	19°22	24°17	29°26	23°21	3°24	3° 1	20° 7	n.a.	S 14
M15	0 52 21	11°50'51	6♌10	23°13	2°38	26°26	11° 1	19°29	24°20	29°28	23°20	3°24	2°57	20°13	n.a.	M15
T 16	0 56 17	12°51'44	20°38	24°45	3°53	27° 9	11°10	19°35	24°23	29°30	23°20	3°25	2°54	20°20	n.a.	T 16
W17	1 0 14	13°52'38	5♍15	26°16	5° 8	27°53	11°19	19°42	24°26	29°31	23°19	3°26	2°51	20°27	n.a.	W17
T 18	1 4 10	14°53'34	19°56	27°47	6°23	28°36	11°28	19°49	24°29	29°33	23°18	3°27	2°48	20°33	n.a.	T 18
F 19	1 8 7	15°54'32	4♎34	29°18	7°38	29°20	11°37	19°55	24°32	29°35	23°18	3°R27	2°45	20°40	n.a.	F 19
S 20	1 12 3	16°55'30	19° 2	0♏48	8°52	0♑ 4	11°46	20° 2	24°34	29°37	23°17	3°27	2°41	20°47	n.a.	S 20
S 21	1 16 0	17°56'30	3♏16	2°18	10° 7	0°47	11°54	20° 9	24°37	29°38	23°16	3°25	2°38	20°53	n.a.	S 21
M22	1 19 56	18°57'32	17° 9	3°48	11°22	1°31	12° 2	20°15	24°39	29°40	23°16	3°23	2°35	21° 0	n.a.	M22
T 23	1 23 53	19°58'34	0♐39	5°18	12°37	2°15	12°11	20°22	24°42	29°42	23°15	3°21	2°32	21° 7	n.a.	T 23
W24	1 27 50	20°59'37	13°46	6°47	13°52	2°58	12°19	20°28	24°45	29°44	23°15	3°19	2°29	21°13	n.a.	W24
T 25	1 31 46	22° 0'41	26°30	8°15	15° 6	3°42	12°27	20°35	24°47	29°46	23°14	3°16	2°26	21°20	n.a.	T 25
F 26	1 35 43	23° 1'46	8♑55	9°43	16°21	4°26	12°35	20°41	24°50	29°48	23°14	3°15	2°22	21°27	n.a.	F 26
S 27	1 39 39	24° 2'52	21° 4	11°10	17°36	5°10	12°43	20°47	24°52	29°50	23°13	3°D14	2°19	21°33	n.a.	S 27
S 28	1 43 36	25° 3'58	3♒ 1	12°37	18°51	5°54	12°50	20°54	24°54	29°52	23°13	3°14	2°16	21°40	n.a.	S 28
M29	1 47 32	26° 5'05	14°52	14° 2	20° 5	6°38	12°58	21° 0	24°57	29°54	23°12	3°15	2°13	21°47	n.a.	M29
T 30	1 51 29	27° 6'12	26°42	15°27	21°20	7°22	13° 5	21° 6	24°59	29°56	23°12	3°17	2°10	21°53	n.a.	T 30
W31	1 55 26	28♎ 7'21	8♓35	16♏50	22♏35	8♑ 5	13♌12	21♍13	25♌ 1	29♏57	23♒11	3♈19	2♈ 6	22♒ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n56	23s10	4s25	0s31	0n 4	5s50	0n15	25s18	2s11	19n23	1n 3	7n 1	2n20	14n35	0n45	19s 7	1n13	29s54	17s 6	1n24	1n30	18s56		n.a.
T 2	0 32	19 3	3 44	1 16	0s 3	6 21	0 13	25 21	2 10	19 21	1 3	6 58	2 20	14 33	0 45	19 7	1 13	29 54	17 5	1 23	1 28	18 53		n.a.
W 3	0 7	14 11	2 53	2 0	0 9	6 53	0 10	25 24	2 9	19 18	1 3	6 55	2 20	14 32	0 45	19 7	1 12	29 54	17 5	1 23	1 27	18 51		n.a.
T 4	0s17	8 47	1 54	2 44	0 16	7 24	0 8	25 28	2 8	19 16	1 4	6 53	2 20	14 31	0 45	19 8	1 12	29 54	17 5	1 23	1 26	18 48		n.a.
F 5	0 42	3 0	0 50	3 28	0 22	7 55	0 5	25 30	2 8	19 13	1 4	6 50	2 20	14 30	0 45	19 8	1 12	29 54	17 5	1 23	1 24	18 45		n.a.
S 6	1 6	2n57	0n18	4 11	0 29	8 26	0 3	25 33	2 7	19 10	1 4	6 47	2 20	14 29	0 45	19 8	1 12	29 54	17 5	1 23	1 23	18 42		n.a.
S 7	1 31	8 53	1 25	4 55	0 35	8 57	0 0	25 35	2 6	19 8	1 4	6 44	2 20	14 28	0 45	19 9	1 12	29 54	17 4	1 23	1 22	18 40		n.a.
M 8	1 55	14 33	2 30	5 38	0 41	9 28	0s 2	25 38	2 5	19 5	1 4	6 42	2 20	14 27	0 45	19 9	1 12	29 54	17 4	1 23	1 21	18 37		n.a.
T 9	2 20	19 43	3 28	6 20	0 48	9 58	0 5	25 39	2 4	19 3	1 5	6 39	2 20	14 26	0 45	19 9	1 12	29 55	17 4	1 23	1 19	18 34		n.a.
W10	2 44	24 3	4 17	7 3	0 54	10 28	0 8	25 41	2 3	19 0	1 5	6 36	2 20	14 25	0 45	19 10	1 12	29 55	17 4	1 23	1 18	18 31		n.a.
T 11	3 8	27 14	4 53	7 44	1 0	10 58	0 10	25 43	2 2	18 58	1 5	6 34	2 20	14 24	0 45	19 10	1 12	29 55	17 3	1 23	1 17	18 29		n.a.
F 12	3 33	28 55	5 13	8 26	1 6	11 27	0 13	25 44	2 1	18 55	1 5	6 31	2 21	14 23	0 45	19 11	1 12	29 55	17 3	1 22	1 15	18 26		n.a.
S 13	3 57	28 51	5 16	9 7	1 12	11 57	0 15	25 45	2 1	18 53	1 5	6 28	2 21	14 22	0 45	19 11	1 12	29 55	17 3	1 22	1 14	18 23		n.a.
S 14	4 21	26 58	5 1	9 47	1 18	12 26	0 18	25 45	2 0	18 51	1 6	6 26	2 21	14 21	0 45	19 11	1 12	29 55	17 3	1 22	1 13	18 20		n.a.
M15	4 46	23 21	4 27	10 27	1 24	12 54	0 20	25 46	1 59	18 48	1 6	6 23	2 21	14 20	0 45	19 12	1 12	29 55	17 2	1 23	1 12	18 17		n.a.
T 16	5 10	18 15	3 36	11 7	1 29	13 23	0 23	25 46	1 58	18 46	1 6	6 20	2 21	14 19	0 45	19 12	1 12	29 55	17 2	1 23	1 10	18 15		n.a.
W17	5 34	12 3	2 30	11 46	1 34	13 51	0 26	25 46	1 57	18 44	1 6	6 18	2 21	14 18	0 45	19 13	1 12	29 55	17 2	1 23	1 9	18 12		n.a.
T 18	5 58	5 11	1 14	12 24	1 40	14 19	0 28	25 46	1 56	18 41	1 7	6 15	2 21	14 17	0 46	19 13	1 12	29 55	17 1	1 23	1 8	18 9		n.a.
F 19	6 22	1s56	0s 6	13 2	1 44	14 46	0 31	25 45	1 55	18 39	1 7	6 13	2 21	14 17	0 46	19 13	1 12	29 55	17 1	1 24	1 6	18 6		n.a.
S 20	6 45	8 53	1 25	13 39	1 49	15 13	0 33	25 44	1 54	18 37	1 7	6 10	2 21	14 16	0 46	19 14	1 12	29 55	17 1	1 23	1 5	18 3		n.a.
S 21	7 9	15 16	2 38	14 15	1 54	15 39	0 36	25 43	1 53	18 35	1 7	6 8	2 21	14 15	0 46	19 14	1 12	29 55	17 1	1 23	1 4	18 1		n.a.
M22	7 33	20 43	3 39	14 50	1 58	16 6	0 38	25 42	1 52	18 33	1 8	6 5	2 22	14 14	0 46	19 15	1 12	29 55	17 0	1 22	1 3	17 58		n.a.
T 23	7 56	24 57	4 26	15 25	2 2	16 31	0 41	25 40	1 51	18 30	1 8	6 3	2 22	14 13	0 46	19 15	1 12	29 54	17 0	1 21	1 1	17 55		n.a.
W24	8 19	27 45	4 57	15 58	2 6	16 57	0 43	25 38	1 51	18 28	1 8	6 0	2 22	14 12	0 46	19 16	1 12	29 54	17 0	1 20	1 0	17 52		n.a.
T 25	8 43	29 0	5 13	16 31	2 9	17 22	0 46	25 36	1 50	18 26	1 8	5 58	2 22	14 11	0 46	19 16	1 12	29 54	16 59	1 19	0 59	17 49		n.a.
F 26	9 6	28 45	5 14	17 3	2 12	17 46	0 48	25 34	1 49	18 24	1 9	5 55	2 22	14 11	0 46	19 16	1 12	29 54	16 59	1 19	0 58	17 46		n.a.
S 27	9 29	27 6	5 0	17 33	2 15	18 10	0 51	25 31	1 48	18 22	1 9	5 53	2 22	14 10	0 46	19 17	1 12	29 54	16 59	1 18	0 56	17 44		n.a.
S 28	9 51	24 14	4 34	18 3	2 17	18 34	0 53	25 29	1 47	18 20	1 9	5 50	2 22	14 9	0 46	19 17	1 12	29 54	16 58	1 18	0 55	17 41		n.a.
M29	10 14	20 24	3 56	18 31	2 19	18 57	0 55	25 25	1 46	18 18	1 9	5 48	2 23	14 8	0 46	19 18	1 11	29 54	16 58	1 19	0 54	17 38		n.a.
T 30	10 37	15 45	3 8	18 58	2 20	19 19	0 58	25 22	1 45	18 17	1 10	5 46	2 23	14 8	0 46	19 18	1 11	29 54	16 58	1 20	0 52	17 35		n.a.
W31	10s59	10s31	2s12	19s23	2s21	19s41	1s 0	25s19	1s44	18n15	1n10	5n43	2n23	14n 7	0n46	19s19	1n11	29s53	16s57	1n20	0n51	17s32		n.a.

Julian Day Number = 1304946.5, Delta T = 07h46m54s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'54, Lahiri = -19°41'53 Julian Calendar 1 Oct. 1141 BCE == Greg. Calendar 20 Sept. 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

NOVEMBER 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 59 22	29♎ 8'29	20♓35	18♏12	23♏49	8♉49	13♌19	21♍19	25♌ 3	29♏59	23°R11	3♈20	2♈ 3	22♒ 7	n.a.	T 1
F 2	2 3 19	0♏ 9'39	2♈46	19°32	25° 4	9°33	13°26	21°25	25° 5	0♐ 2	23♒11	3°R21	2° 0	22°14	n.a.	F 2
S 3	2 7 15	1°10'49	15°10	20°50	26°19	10°17	13°33	21°31	25° 8	0° 4	23°10	3°20	1°57	22°20	n.a.	S 3
S 4	2 11 12	2°11'59	27°50	22° 6	27°33	11° 1	13°39	21°37	25°10	0° 6	23°10	3°18	1°54	22°27	n.a.	S 4
M 5	2 15 8	3°13'11	10♉45	23°20	28°48	11°45	13°46	21°43	25°12	0° 8	23°10	3°15	1°51	22°34	n.a.	M 5
T 6	2 19 5	4°14'23	23°56	24°30	0♐ 2	12°29	13°52	21°49	25°13	0°10	23° 9	3°10	1°47	22°40	n.a.	T 6
W 7	2 23 1	5°15'36	7♊21	25°37	1°17	13°13	13°58	21°54	25°15	0°12	23° 9	3° 4	1°44	22°47	n.a.	W 7
T 8	2 26 58	6°16'49	20°58	26°39	2°31	13°57	14° 4	22° 0	25°17	0°14	23° 9	2°59	1°41	22°54	n.a.	T 8
F 9	2 30 55	7°18'04	4♋45	27°37	3°46	14°41	14°10	22° 6	25°19	0°16	23° 9	2°54	1°38	23° 0	n.a.	F 9
S 10	2 34 51	8°19'19	18°41	28°29	5° 0	15°25	14°16	22°12	25°21	0°18	23° 9	2°51	1°35	23° 7	n.a.	S 10
S 11	2 38 48	9°20'35	2♌43	29°15	6°15	16° 9	14°22	22°17	25°22	0°20	23° 8	2°49	1°32	23°14	n.a.	S 11
M12	2 42 44	10°21'51	16°49	29°54	7°29	16°53	14°27	22°23	25°24	0°23	23° 8	2°D49	1°28	23°20	n.a.	M12
T 13	2 46 41	11°23'08	1♍ 0	0♐25	8°44	17°37	14°32	22°28	25°26	0°25	23° 8	2°50	1°25	23°27	n.a.	T 13
W14	2 50 37	12°24'26	15°12	0°48	9°58	18°21	14°37	22°34	25°27	0°27	23° 8	2°52	1°22	23°34	n.a.	W14
T 15	2 54 34	13°25'44	29°24	1° 0	11°13	19° 5	14°42	22°39	25°29	0°29	23° 8	2°R53	1°19	23°40	n.a.	T 15
F 16	2 58 30	14°27'03	13♎33	1°R 2	12°27	19°49	14°47	22°44	25°30	0°31	23° 8	2°52	1°16	23°47	n.a.	F 16
S 17	3 2 27	15°28'22	27°36	0°53	13°41	20°33	14°51	22°50	25°31	0°33	23°D 8	2°50	1°12	23°54	n.a.	S 17
S 18	3 6 24	16°29'41	11♏28	0°32	14°56	21°17	14°56	22°55	25°33	0°36	23° 8	2°45	1° 9	24° 0	n.a.	S 18
M19	3 10 20	17°31'01	25° 7	29♏59	16°10	22° 1	15° 0	23° 0	25°34	0°38	23° 8	2°39	1° 6	24° 7	n.a.	M19
T 20	3 14 17	18°32'21	8♐29	29°15	17°24	22°45	15° 4	23° 5	25°35	0°40	23° 8	2°30	1° 3	24°14	n.a.	T 20
W21	3 18 13	19°33'40	21°32	28°20	18°39	23°29	15° 8	23°10	25°36	0°42	23° 8	2°21	1° 0	24°20	n.a.	W21
T 22	3 22 10	20°35'00	4♉16	27°15	19°53	24°13	15°12	23°15	25°37	0°45	23° 8	2°13	0°57	24°27	n.a.	T 22
F 23	3 26 6	21°36'19	16°42	26° 3	21° 7	24°56	15°15	23°20	25°39	0°47	23° 8	2° 6	0°53	24°34	n.a.	F 23
S 24	3 30 3	22°37'38	28°51	24°45	22°21	25°40	15°18	23°24	25°40	0°49	23° 8	2° 1	0°50	24°40	n.a.	S 24
S 25	3 34 0	23°38'57	10♒50	23°25	23°35	26°24	15°22	23°29	25°40	0°51	23° 9	1°57	0°47	24°47	n.a.	S 25
M26	3 37 56	24°40'15	22°40	22° 4	24°49	27° 8	15°25	23°34	25°41	0°54	23° 9	1°D56	0°44	24°54	n.a.	M26
T 27	3 41 53	25°41'32	4♓29	20°45	26° 3	27°52	15°27	23°38	25°42	0°56	23° 9	1°57	0°41	25° 0	n.a.	T 27
W28	3 45 49	26°42'49	16°22	19°31	27°18	28°36	15°30	23°42	25°43	0°58	23° 9	1°58	0°38	25° 7	n.a.	W28
T 29	3 49 46	27°44'05	28°23	18°24	28°32	29°20	15°32	23°47	25°44	1° 0	23° 9	1°R59	0°34	25°14	n.a.	T 29
F 30	3 53 42	28♏45'21	10♈37	17♏25	29♐46	0♒ 4	15♌35	23♍51	25♌44	1♐ 3	23♒10	1♈58	0♈31	25♒20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s21	4s51	1s10	19s47	2s21	20s 2	1s 2	25s15	1s43	18n13	1n10	5n41	2n23	14n 6	0n46	19s19	1n11	29s53	16s57	1n21	0n50	17s29		n.a.
F 2	11 43	1n 4	0 3	20 10	2 21	20 23	1 5	25 11	1 42	18 11	1 10	5 39	2 23	14 6	0 46	19 20	1 11	29 53	16 57	1 21	0 49	17 26		n.a.
S 3	12 5	7 4	1n 4	20 30	2 20	20 44	1 7	25 6	1 41	18 9	1 11	5 36	2 23	14 5	0 46	19 20	1 11	29 53	16 56	1 21	0 47	17 24		n.a.
S 4	12 26	12 54	2 10	20 49	2 18	21 3	1 9	25 2	1 40	18 8	1 11	5 34	2 23	14 4	0 46	19 21	1 11	29 53	16 56	1 20	0 46	17 21		n.a.
M 5	12 47	18 18	3 11	21 6	2 16	21 22	1 11	24 57	1 39	18 6	1 11	5 32	2 24	14 4	0 46	19 21	1 11	29 52	16 56	1 19	0 45	17 18		n.a.
T 6	13 8	22 58	4 2	21 20	2 12	21 41	1 13	24 52	1 38	18 4	1 11	5 30	2 24	14 3	0 46	19 22	1 11	29 52	16 55	1 17	0 43	17 15		n.a.
W 7	13 29	26 30	4 41	21 33	2 8	21 59	1 15	24 47	1 37	18 3	1 12	5 27	2 24	14 2	0 46	19 22	1 11	29 52	16 55	1 14	0 42	17 12		n.a.
T 8	13 50	28 35	5 5	21 43	2 3	22 16	1 17	24 41	1 36	18 1	1 12	5 25	2 24	14 2	0 46	19 22	1 11	29 52	16 55	1 12	0 41	17 9		n.a.
F 9	14 10	28 56	5 11	21 50	1 56	22 33	1 19	24 35	1 35	18 0	1 12	5 23	2 24	14 1	0 46	19 23	1 11	29 51	16 54	1 10	0 40	17 6		n.a.
S 10	14 31	27 27	5 0	21 55	1 49	22 49	1 21	24 29	1 34	17 59	1 13	5 21	2 24	14 1	0 46	19 23	1 11	29 51	16 54	1 9	0 38	17 3		n.a.
S 11	14 51	24 15	4 30	21 57	1 40	23 4	1 23	24 23	1 33	17 57	1 13	5 19	2 25	14 0	0 46	19 24	1 11	29 51	16 53	1 8	0 37	17 0		n.a.
M12	15 10	19 36	3 44	21 56	1 31	23 19	1 25	24 16	1 32	17 56	1 13	5 17	2 25	14 0	0 46	19 24	1 11	29 51	16 53	1 8	0 36	16 58		n.a.
T 13	15 30	13 51	2 45	21 52	1 19	23 33	1 27	24 10	1 31	17 55	1 13	5 15	2 25	13 59	0 47	19 25	1 11	29 50	16 53	1 9	0 34	16 55		n.a.
W14	15 49	7 23	1 35	21 44	1 7	23 46	1 28	24 3	1 30	17 53	1 14	5 13	2 25	13 59	0 47	19 25	1 11	29 50	16 52	1 9	0 33	16 52		n.a.
T 15	16 8	0 32	0 19	21 33	0 53	23 58	1 30	23 55	1 29	17 52	1 14	5 11	2 25	13 58	0 47	19 26	1 11	29 50	16 52	1 10	0 32	16 49		n.a.
F 16	16 26	6s19	0s58	21 19	0 37	24 10	1 32	23 48	1 28	17 51	1 14	5 9	2 26	13 58	0 47	19 26	1 11	29 49	16 52	1 10	0 31	16 46		n.a.
S 17	16 45	12 48	2 10	21 0	0 20	24 21	1 33	23 40	1 27	17 50	1 15	5 7	2 26	13 57	0 47	19 27	1 11	29 49	16 51	1 9	0 29	16 43		n.a.
S 18	17 3	18 35	3 13	20 38	0 2	24 32	1 35	23 33	1 26	17 49	1 15	5 5	2 26	13 57	0 47	19 27	1 11	29 49	16 51	1 7	0 28	16 40		n.a.
M19	17 20	23 18	4 5	20 13	0n16	24 41	1 36	23 24	1 26	17 48	1 15	5 3	2 26	13 56	0 47	19 28	1 11	29 48	16 51	1 4	0 27	16 37		n.a.
T 20	17 38	26 42	4 41	19 44	0 36	24 50	1 37	23 16	1 25	17 47	1 16	5 1	2 26	13 56	0 47	19 28	1 11	29 48	16 50	1 1	0 25	16 34		n.a.
W21	17 55	28 35	5 2	19 12	0 56	24 59	1 39	23 8	1 24	17 46	1 16	5 0	2 27	13 56	0 47	19 29	1 11	29 48	16 50	0 57	0 24	16 31		n.a.
T 22	18 11	28 53	5 7	18 38	1 17	25 6	1 40	22 59	1 23	17 45	1 16	4 58	2 27	13 55	0 47	19 29	1 11	29 47	16 50	0 54	0 23	16 28		n.a.
F 23	18 28	27 41	4 58	18 2	1 36	25 13	1 41	22 50	1 22	17 45	1 16	4 56	2 27	13 55	0 47	19 30	1 11	29 47	16 49	0 51	0 22	16 25		n.a.
S 24	18 44	25 12	4 35	17 25	1 55	25 18	1 42	22 41	1 21	17 44	1 17	4 54	2 27	13 55	0 47	19 30	1 11	29 47	16 49	0 49	0 20	16 22		n.a.
S 25	19 0	21 38	4 0	16 48	2 12	25 23	1 43	22 31	1 20	17 43	1 17	4 53	2 27	13 54	0 47	19 31	1 11	29 46	16 48	0 47	0 19	16 19		n.a.
M26	19 15	17 15	3 15	16 12	2 28	25 28	1 44	22 22	1 19	17 43	1 17	4 51	2 28	13 54	0 47	19 31	1 11	29 46	16 48	0 47	0 18	16 16		n.a.
T 27	19 30	12 13	2 22	15 39	2 41	25 31	1 45	22 12	1 18	17 42	1 18	4 49	2 28	13 54	0 47	19 32	1 11	29 45	16 48	0 47	0 16	16 13		n.a.
W28	19 44	6 44	1 23	15 8	2 52	25 34	1 46	22 2	1 17	17 42	1 18	4 48	2 28	13 54	0 47	19 32	1 11	29 45	16 47	0 48	0 15	16 10		n.a.
T 29	19 59	0 57	0 19	14 41	3 1	25 36	1 47	21 52	1 16	17 41	1 18	4 46	2 28	13 54	0 47	19 33	1 11	29 45	16 47	0 48	0 14	16 7		n.a.
F 30	20s13	4n59	0n46	14s18	3n 8	25s37	1s47	21s41	1s15	17n41	1n19	4n45	2n29	13n53	0n47	19s33	1n11	29s44	16s47	0n48	0n13	16s 4		n.a.

Julian Day Number = 1304977.5, Delta T = 07h46m52s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'49, Lahiri = -19°41'49 Julian Calendar 1 Nov. 1141 BCE == Greg. Calendar 21 Oct. 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1141 BCE
geocentric

DECEMBER 1141 BCE (-1140) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 39	29♏46'37	23♈ 9	16°R35	0♋59	0♒48	15♌37	23♍55	25♌45	1♐ 5	23♒10	1°R56	0♈28	25♒27	n.a.	S 1
S 2	4 1 35	0♐47'51	6♉ 2	15♏55	2°13	1°31	15°38	23°59	25°45	1° 7	23°10	1♈51	0°25	25°34	n.a.	S 2
M 3	4 5 32	1°49'05	19°15	15°24	3°27	2°15	15°40	24° 3	25°46	1°10	23°11	1°44	0°22	25°40	n.a.	M 3
T 4	4 9 29	2°50'19	2♊50	15° 4	4°41	2°59	15°42	24° 7	25°46	1°12	23°11	1°34	0°18	25°47	n.a.	T 4
W 5	4 13 25	3°51'32	16°42	14°53	5°55	3°43	15°43	24°11	25°47	1°14	23°12	1°23	0°15	25°54	n.a.	W 5
T 6	4 17 22	4°52'45	0♋49	14°D52	7° 9	4°27	15°44	24°15	25°47	1°16	23°12	1°13	0°12	26° 0	n.a.	T 6
F 7	4 21 18	5°53'57	15° 3	14°58	8°22	5°10	15°45	24°19	25°47	1°19	23°12	1° 3	0° 9	26° 7	n.a.	F 7
S 8	4 25 15	6°55'09	29°21	15°13	9°36	5°54	15°46	24°22	25°47	1°21	23°13	0°55	0° 6	26°14	n.a.	S 8
S 9	4 29 11	7°56'20	13♌38	15°34	10°49	6°38	15°46	24°26	25°48	1°23	23°13	0°50	0° 3	26°20	n.a.	S 9
M10	4 33 8	8°57'31	27°51	16° 2	12° 3	7°21	15°47	24°29	25°48	1°25	23°14	0°48	29♓59	26°27	n.a.	M10
T 11	4 37 5	9°58'42	11♍57	16°36	13°17	8° 5	15°R47	24°33	25°R48	1°28	23°14	0°D48	29°56	26°34	n.a.	T 11
W12	4 41 1	10°59'51	25°55	17°15	14°30	8°49	15°47	24°36	25°48	1°30	23°15	0°R48	29°53	26°40	n.a.	W12
T 13	4 44 58	12° 1'01	9♎47	17°59	15°43	9°32	15°46	24°39	25°48	1°32	23°16	0°48	29°50	26°47	n.a.	T 13
F 14	4 48 54	13° 2'09	23°31	18°47	16°57	10°16	15°46	24°42	25°47	1°34	23°16	0°46	29°47	26°54	n.a.	F 14
S 15	4 52 51	14° 3'17	7♏ 6	19°39	18°10	10°59	15°45	24°45	25°47	1°37	23°17	0°41	29°44	27° 0	n.a.	S 15
S 16	4 56 47	15° 4'24	20°33	20°35	19°23	11°43	15°45	24°48	25°47	1°39	23°18	0°33	29°40	27° 7	n.a.	S 16
M17	5 0 44	16° 5'31	3♐48	21°34	20°37	12°26	15°44	24°51	25°47	1°41	23°18	0°23	29°37	27°14	n.a.	M17
T 18	5 4 40	17° 6'36	16°52	22°36	21°50	13°10	15°42	24°54	25°46	1°43	23°19	0°10	29°34	27°20	n.a.	T 18
W19	5 8 37	18° 7'41	29°41	23°40	23° 3	13°53	15°41	24°56	25°46	1°46	23°20	29♓56	29°31	27°27	n.a.	W19
T 20	5 12 34	19° 8'44	12♋16	24°47	24°16	14°37	15°39	24°59	25°45	1°48	23°20	29°42	29°28	27°34	n.a.	T 20
F 21	5 16 30	20° 9'46	24°36	25°56	25°29	15°20	15°38	25° 1	25°45	1°50	23°21	29°30	29°24	27°41	n.a.	F 21
S 22	5 20 27	21°10'47	6♒43	27° 7	26°42	16° 4	15°36	25° 4	25°44	1°52	23°22	29°21	29°21	27°47	n.a.	S 22
S 23	5 24 23	22°11'46	18°40	28°19	27°55	16°47	15°33	25° 6	25°44	1°54	23°23	29°14	29°18	27°54	n.a.	S 23
M24	5 28 20	23°12'44	0♓29	29°34	29° 8	17°30	15°31	25° 8	25°43	1°56	23°23	29° 9	29°15	28° 1	n.a.	M24
T 25	5 32 16	24°13'40	12°17	0♐50	0♒20	18°13	15°28	25°10	25°42	1°59	23°24	29° 8	29°12	28° 7	n.a.	T 25
W26	5 36 13	25°14'35	24° 7	2° 7	1°33	18°57	15°26	25°12	25°41	2° 1	23°25	29° 7	29° 9	28°14	n.a.	W26
T 27	5 40 10	26°15'28	6♈ 7	3°26	2°46	19°40	15°23	25°14	25°40	2° 3	23°26	29° 7	29° 5	28°21	n.a.	T 27
F 28	5 44 6	27°16'19	18°20	4°46	3°58	20°23	15°20	25°16	25°40	2° 5	23°27	29° 6	29° 2	28°27	n.a.	F 28
S 29	5 48 3	28°17'09	0♉53	6° 7	5°11	21° 6	15°16	25°17	25°39	2° 7	23°28	29° 3	28°59	28°34	n.a.	S 29
S 30	5 51 59	29°17'57	13°49	7°30	6°23	21°50	15°13	25°19	25°38	2° 9	23°29	28°58	28°56	28°41	n.a.	S 30
M31	5 55 56	0♋18'44	27♉11	8♐53	7♒35	22♒33	15♌ 9	25♍20	25♌37	2♐11	23♒30	28♓50	28♓53	28♒47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s26	10n51	1n51	14s 0	3n12	25s38	1s48	21s31	1s14	17n40	1n19	4n43	2n29	13n53	0n47	19s34	1n11	29s44	16s46	0n47	0n11	16s 1		n.a.
S 2	20 39	16 26	2 52	13 47	3 14	25 37	1 48	21 20	1 13	17 40	1 19	4 42	2 29	13 53	0 47	19 34	1 11	29 43	16 46	0 45	0 10	15 58		n.a.
M 3	20 52	21 25	3 45	13 38	3 14	25 36	1 49	21 9	1 12	17 40	1 20	4 40	2 29	13 53	0 47	19 35	1 11	29 43	16 46	0 42	0 9	15 55		n.a.
T 4	21 4	25 25	4 26	13 33	3 13	25 34	1 49	20 58	1 11	17 40	1 20	4 39	2 29	13 53	0 47	19 35	1 11	29 42	16 45	0 38	0 7	15 52		n.a.
W 5	21 16	28 1	4 53	13 33	3 10	25 31	1 49	20 46	1 10	17 40	1 20	4 38	2 30	13 53	0 48	19 36	1 11	29 42	16 45	0 34	0 6	15 49		n.a.
T 6	21 28	28 53	5 3	13 36	3 6	25 28	1 50	20 35	1 9	17 40	1 20	4 36	2 30	13 53	0 48	19 36	1 11	29 41	16 44	0 29	0 5	15 46		n.a.
F 7	21 39	27 50	4 54	13 43	3 1	25 23	1 50	20 23	1 8	17 40	1 21	4 35	2 30	13 53	0 48	19 36	1 11	29 41	16 44	0 25	0 4	15 43		n.a.
S 8	21 49	24 58	4 27	13 53	2 55	25 18	1 50	20 11	1 7	17 40	1 21	4 34	2 30	13 53	0 48	19 37	1 11	29 40	16 44	0 22	0 2	15 40		n.a.
S 9	22 0	20 33	3 43	14 5	2 48	25 12	1 50	19 59	1 6	17 40	1 21	4 33	2 31	13 53	0 48	19 37	1 11	29 40	16 43	0 20	0 1	15 37		n.a.
M10	22 9	15 0	2 46	14 21	2 41	25 6	1 50	19 47	1 5	17 40	1 22	4 32	2 31	13 53	0 48	19 38	1 11	29 39	16 43	0 19	0s 0	15 34		n.a.
T 11	22 19	8 42	1 38	14 38	2 33	24 58	1 49	19 35	1 4	17 40	1 22	4 30	2 31	13 53	0 48	19 38	1 11	29 39	16 43	0 19	0 2	15 31		n.a.
W12	22 28	2 2	0 26	14 57	2 25	24 50	1 49	19 22	1 3	17 41	1 22	4 29	2 31	13 53	0 48	19 39	1 11	29 38	16 42	0 19	0 3	15 28		n.a.
T 13	22 36	4s40	0s48	15 17	2 16	24 41	1 49	19 10	1 3	17 41	1 23	4 28	2 32	13 53	0 48	19 39	1 11	29 38	16 42	0 19	0 4	15 25		n.a.
F 14	22 44	11 5	1 57	15 39	2 8	24 32	1 48	18 57	1 2	17 41	1 23	4 27	2 32	13 53	0 48	19 40	1 11	29 37	16 42	0 18	0 5	15 22		n.a.
S 15	22 52	16 56	3 0	16 2	1 59	24 21	1 48	18 44	1 1	17 42	1 23	4 26	2 32	13 53	0 48	19 40	1 11	29 37	16 41	0 17	0 7	15 19		n.a.
S 16	22 59	21 53	3 51	16 26	1 50	24 10	1 47	18 31	1 0	17 42	1 24	4 25	2 33	13 53	0 48	19 41	1 11	29 36	16 41	0 13	0 8	15 16		n.a.
M17	23 6	25 40	4 29	16 50	1 41	23 58	1 46	18 17	0 59	17 43	1 24	4 25	2 33	13 53	0 48	19 41	1 11	29 36	16 41	0 9	0 9	15 13		n.a.
T 18	23 12	28 1	4 52	17 15	1 32	23 46	1 46	18 4	0 58	17 44	1 24	4 24	2 33	13 53	0 48	19 42	1 11	29 35	16 40	0 4	0 11	15 10		n.a.
W19	23 18	28 50	5 0	17 40	1 23	23 33	1 45	17 50	0 57	17 44	1 25	4 23	2 33	13 54	0 48	19 42	1 11	29 34	16 40	0s 2	0 12	15 7		n.a.
T 20	23 23	28 7	4 53	18 5	1 14	23 19	1 44	17 37	0 56	17 45	1 25	4 22	2 34	13 54	0 48	19 42	1 11	29 34	16 40	0 7	0 13	15 4		n.a.
F 21	23 28	26 1	4 32	18 30	1 5	23 4	1 43	17 23	0 55	17 46	1 25	4 21	2 34	13 54	0 48	19 43	1 11	29 33	16 39	0 12	0 14	15 1		n.a.
S 22	23 32	22 45	4 0	18 56	0 56	22 49	1 41	17 9	0 54	17 47	1 26	4 21	2 34	13 54	0 48	19 43	1 11	29 33	16 39	0 16	0 16	14 58		n.a.
S 23	23 36	18 35	3 17	19 21	0 47	22 33	1 40	16 54	0 53	17 48	1 26	4 20	2 34	13 55	0 48	19 44	1 11	29 32	16 39	0 19	0 17	14 55		n.a.
M24	23 39	13 44	2 25	19 46	0 38	22 17	1 39	16 40	0 52	17 49	1 26	4 19	2 35	13 55	0 48	19 44	1 11	29 32	16 38	0 20	0 18	14 52		n.a.
T 25	23 42	8 25	1 28	20 11	0 30	22 0	1 37	16 26	0 51	17 50	1 26	4 19	2 35	13 55	0 48	19 45	1 11	29 31	16 38	0 21	0 19	14 49		n.a.
W26	23 45	2 46	0 26	20 35	0 21	21 42	1 36	16 11	0 51	17 51	1 27	4 18	2 35	13 55	0 48	19 45	1 11	29 30	16 38	0 21	0 21	14 46		n.a.
T 27	23 47	3n 2	0n37	20 59	0 13	21 24	1 34	15 57	0 50	17 52	1 27	4 18	2 35	13 56	0 48	19 45	1 11	29 30	16 38	0 21	0 22	14 43		n.a.
F 28	23 48	8 50	1 40	21 22	0 5	21 5	1 33	15 42	0 49	17 53	1 27	4 17	2 36	13 56	0 49	19 46	1 11	29 29	16 37	0 22	0 23	14 39		n.a.
S 29	23 49	14 27	2 39	21 44	0s 3	20 45	1 31	15 27	0 48	17 55	1 28	4 17	2 36	13 57	0 49	19 46	1 11	29 29	16 37	0 23	0 25	14 36		n.a.
S 30	23 50	19 37	3 33	22 6	0 11	20 25	1 29	15 12	0 47	17 56	1 28	4 17	2 36	13 57	0 49	19 47	1 11	29 28	16 37	0 25	0 26	14 33		n.a.
M31	23s50	24n 0	4n16	22s27	0s19	20s 5	1s27	14s57	0s46	17n57	1n28	4n16	2n37	13n57	0n49	19s47	1n11	29s27	16s36	0s28	0s27	14s30		n.a.

Julian Day Number = 1305007.5, Delta T = 07h46m51s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'45, Lahiri = -19°41'45 Julian Calendar 1 Dec. 1141 BCE == Greg. Calendar 20 Nov. 1141 BCE

The year -1140 astronomical counting style corresponds to year 1141 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

JANUARY 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 52	1♉19'28	11♊ 0	10♐18	8♒47	23♒16	15°R 6	25♍22	25°R35	2♐13	23♒31	28°R39	28♓50	28♒54	n.a.	T 1
W 2	6 3 49	2°20'12	25°12	11°43	9°59	23°59	15♌ 2	25°23	25♌34	2°15	23°32	28♓27	28°46	29° 1	n.a.	W 2
T 3	6 7 45	3°20'54	9♋43	13°10	11°11	24°42	14°58	25°24	25°33	2°17	23°33	28°15	28°43	29° 7	n.a.	T 3
F 4	6 11 42	4°21'34	24°26	14°38	12°23	25°25	14°53	25°25	25°32	2°19	23°34	28° 3	28°40	29°14	n.a.	F 4
S 5	6 15 39	5°22'12	9♌11	16° 6	13°35	26° 8	14°49	25°26	25°30	2°21	23°35	27°54	28°37	29°21	n.a.	S 5
S 6	6 19 35	6°22'50	23°53	17°36	14°47	26°51	14°44	25°27	25°29	2°23	23°36	27°48	28°34	29°27	n.a.	S 6
M 7	6 23 32	7°23'25	8♍24	19° 6	15°58	27°33	14°39	25°27	25°28	2°25	23°37	27°45	28°30	29°34	n.a.	M 7
T 8	6 27 28	8°23'59	22°41	20°37	17°10	28°16	14°34	25°28	25°26	2°27	23°38	27°D44	28°27	29°41	n.a.	T 8
W 9	6 31 25	9°24'32	6♎42	22°10	18°21	28°59	14°29	25°29	25°25	2°29	23°39	27°R44	28°24	29°47	n.a.	W 9
T 10	6 35 21	10°25'04	20°27	23°43	19°33	29°42	14°24	25°29	25°23	2°31	23°40	27°44	28°21	29°54	n.a.	T 10
F 11	6 39 18	11°25'34	3♏58	25°17	20°44	0♓25	14°19	25°29	25°22	2°33	23°41	27°42	28°18	0♓ 0	n.a.	F 11
S 12	6 43 14	12°26'02	17°15	26°52	21°55	1° 7	14°13	25°30	25°20	2°35	23°43	27°38	28°15	0° 7	n.a.	S 12
S 13	6 47 11	13°26'29	0♐20	28°28	23° 6	1°50	14° 7	25°30	25°18	2°37	23°44	27°30	28°11	0°14	n.a.	S 13
M14	6 51 8	14°26'55	13°13	0♑ 5	24°17	2°33	14° 1	25°R30	25°17	2°38	23°45	27°20	28° 8	0°20	n.a.	M14
T 15	6 55 4	15°27'18	25°56	1°42	25°28	3°15	13°56	25°30	25°15	2°40	23°46	27° 8	28° 5	0°27	n.a.	T 15
W16	6 59 1	16°27'40	8♑27	3°21	26°39	3°58	13°49	25°29	25°13	2°42	23°47	26°55	28° 2	0°34	n.a.	W16
T 17	7 2 57	17°28'00	20°47	5° 1	27°49	4°40	13°43	25°29	25°11	2°44	23°48	26°42	27°59	0°40	n.a.	T 17
F 18	7 6 54	18°28'19	2♒57	6°42	29° 0	5°23	13°37	25°29	25° 9	2°46	23°50	26°30	27°56	0°47	n.a.	F 18
S 19	7 10 50	19°28'35	14°58	8°23	0♓10	6° 5	13°30	25°28	25° 8	2°47	23°51	26°21	27°52	0°54	n.a.	S 19
S 20	7 14 47	20°28'49	26°50	10° 6	1°20	6°48	13°24	25°28	25° 6	2°49	23°52	26°14	27°49	1° 0	n.a.	S 20
M21	7 18 44	21°29'00	8♓38	11°50	2°30	7°30	13°17	25°27	25° 4	2°51	23°53	26°10	27°46	1° 7	n.a.	M21
T 22	7 22 40	22°29'10	20°25	13°34	3°40	8°13	13°10	25°26	25° 2	2°52	23°55	26° 8	27°43	1°14	n.a.	T 22
W23	7 26 37	23°29'17	2♈14	15°20	4°50	8°55	13° 3	25°25	24°59	2°54	23°56	26°D 8	27°40	1°20	n.a.	W23
T 24	7 30 33	24°29'23	14°12	17° 7	5°59	9°37	12°56	25°24	24°57	2°55	23°57	26° 9	27°36	1°27	n.a.	T 24
F 25	7 34 30	25°29'25	26°22	18°55	7° 9	10°19	12°49	25°23	24°55	2°57	23°59	26°R 9	27°33	1°34	n.a.	F 25
S 26	7 38 26	26°29'26	8♉52	20°44	8°18	11° 2	12°42	25°22	24°53	2°59	24° 0	26° 8	27°30	1°40	n.a.	S 26
S 27	7 42 23	27°29'24	21°45	22°34	9°27	11°44	12°35	25°21	24°51	3° 0	24° 1	26° 5	27°27	1°47	n.a.	S 27
M28	7 46 19	28°29'20	5♊ 5	24°25	10°36	12°26	12°28	25°19	24°49	3° 2	24° 3	26° 0	27°24	1°54	n.a.	M28
T 29	7 50 16	29°29'14	18°54	26°18	11°45	13° 8	12°20	25°18	24°47	3° 3	24° 4	25°53	27°21	2° 0	n.a.	T 29
W30	7 54 12	0♒29'06	3♋12	28°11	12°54	13°50	12°13	25°16	24°44	3° 4	24° 5	25°45	27°17	2° 7	n.a.	W30
T 31	7 58 9	1♒28'55	17♋53	0♒ 5	14♓ 3	14♓32	12♌ 5	25♍15	24♌42	3♐ 6	24♒ 7	25♓36	27♓14	2♓14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s50	27n11	4n46	22 s47	0 s26	19 s44	1 s25	14 s42	0 s45	17n59	1n28	4n16	2n37	13n58	0n49	19 s48	1n11	29 s27	16 s36	0 s33	0 s28	14 s27		n.a.
W 2	23 49	28 44	5 0	23 7	0 33	19 22	1 23	14 26	0 44	18 0	1 29	4 16	2 37	13 58	0 49	19 48	1 11	29 26	16 36	0 38	0 30	14 24		n.a.
T 3	23 47	28 22	4 54	23 25	0 40	19 0	1 21	14 11	0 43	18 2	1 29	4 15	2 37	13 59	0 49	19 48	1 11	29 26	16 36	0 43	0 31	14 21		n.a.
F 4	23 46	26 0	4 29	23 43	0 47	18 37	1 19	13 56	0 43	18 3	1 29	4 15	2 38	13 59	0 49	19 49	1 11	29 25	16 35	0 47	0 32	14 18		n.a.
S 5	23 43	21 53	3 46	23 59	0 54	18 14	1 16	13 40	0 42	18 5	1 30	4 15	2 38	14 0	0 49	19 49	1 11	29 24	16 35	0 51	0 34	14 15		n.a.
S 6	23 41	16 25	2 49	24 14	1 0	17 50	1 14	13 24	0 41	18 7	1 30	4 15	2 38	14 0	0 49	19 49	1 11	29 24	16 35	0 53	0 35	14 12		n.a.
M 7	23 37	10 6	1 40	24 29	1 6	17 26	1 11	13 9	0 40	18 8	1 30	4 15	2 39	14 1	0 49	19 50	1 11	29 23	16 34	0 54	0 36	14 9		n.a.
T 8	23 34	3 22	0 27	24 41	1 12	17 2	1 9	12 53	0 39	18 10	1 30	4 15	2 39	14 1	0 49	19 50	1 11	29 22	16 34	0 55	0 37	14 5		n.a.
W 9	23 30	3 s25	0 s47	24 53	1 18	16 37	1 6	12 37	0 38	18 12	1 31	4 15	2 39	14 2	0 49	19 51	1 11	29 22	16 34	0 55	0 39	14 2		n.a.
T 10	23 25	9 55	1 57	25 4	1 23	16 12	1 3	12 21	0 37	18 14	1 31	4 15	2 39	14 2	0 49	19 51	1 11	29 21	16 34	0 55	0 40	13 59		n.a.
F 11	23 20	15 51	2 59	25 13	1 28	15 46	1 0	12 5	0 36	18 15	1 31	4 15	2 40	14 3	0 49	19 51	1 11	29 21	16 34	0 56	0 41	13 56		n.a.
S 12	23 14	20 56	3 50	25 20	1 32	15 20	0 57	11 48	0 36	18 17	1 31	4 15	2 40	14 3	0 49	19 52	1 11	29 20	16 33	0 58	0 43	13 53		n.a.
S 13	23 8	24 55	4 28	25 26	1 37	14 54	0 54	11 32	0 35	18 19	1 32	4 16	2 40	14 4	0 49	19 52	1 11	29 19	16 33	1 0	0 44	13 50		n.a.
M14	23 2	27 35	4 52	25 31	1 41	14 27	0 51	11 16	0 34	18 21	1 32	4 16	2 40	14 5	0 49	19 52	1 11	29 19	16 33	1 4	0 45	13 47		n.a.
T 15	22 55	28 47	5 1	25 34	1 45	14 0	0 48	10 59	0 33	18 23	1 32	4 16	2 41	14 5	0 49	19 53	1 11	29 18	16 33	1 9	0 46	13 43		n.a.
W16	22 48	28 28	4 55	25 35	1 48	13 32	0 45	10 43	0 32	18 25	1 32	4 17	2 41	14 6	0 49	19 53	1 11	29 17	16 32	1 15	0 48	13 40		n.a.
T 17	22 40	26 44	4 35	25 35	1 51	13 5	0 42	10 26	0 31	18 27	1 33	4 17	2 41	14 7	0 49	19 53	1 11	29 17	16 32	1 20	0 49	13 37		n.a.
F 18	22 32	23 46	4 3	25 33	1 54	12 37	0 38	10 10	0 31	18 29	1 33	4 17	2 42	14 7	0 49	19 54	1 11	29 16	16 32	1 25	0 50	13 34		n.a.
S 19	22 24	19 48	3 21	25 30	1 56	12 8	0 35	9 53	0 30	18 31	1 33	4 18	2 42	14 8	0 49	19 54	1 11	29 16	16 32	1 29	0 52	13 31		n.a.
S 20	22 15	15 6	2 29	25 24	1 58	11 40	0 31	9 36	0 29	18 34	1 33	4 18	2 42	14 9	0 49	19 54	1 11	29 15	16 32	1 31	0 53	13 28		n.a.
M21	22 5	9 53	1 32	25 17	2 0	11 11	0 28	9 20	0 28	18 36	1 33	4 19	2 42	14 9	0 49	19 55	1 11	29 14	16 31	1 33	0 54	13 25		n.a.
T 22	21 55	4 20	0 31	25 8	2 1	10 42	0 24	9 3	0 27	18 38	1 34	4 19	2 43	14 10	0 49	19 55	1 11	29 14	16 31	1 34	0 55	13 21		n.a.
W23	21 45	1n24	0n33	24 57	2 2	10 12	0 20	8 46	0 26	18 40	1 34	4 20	2 43	14 11	0 49	19 55	1 11	29 13	16 31	1 34	0 57	13 18		n.a.
T 24	21 34	7 9	1 35	24 44	2 2	9 43	0 16	8 29	0 26	18 42	1 34	4 21	2 43	14 11	0 49	19 56	1 11	29 12	16 31	1 33	0 58	13 15		n.a.
F 25	21 23	12 44	2 35	24 29	2 2	9 13	0 12	8 12	0 25	18 45	1 34	4 21	2 43	14 12	0 49	19 56	1 11	29 12	16 31	1 33	0 59	13 12		n.a.
S 26	21 12	17 58	3 28	24 12	2 1	8 43	0 9	7 55	0 24	18 47	1 34	4 22	2 44	14 13	0 50	19 56	1 11	29 11	16 31	1 34	1 1	13 9		n.a.
S 27	21 0	22 34	4 13	23 53	2 0	8 13	0 5	7 38	0 23	18 49	1 35	4 23	2 44	14 14	0 50	19 56	1 11	29 11	16 30	1 35	1 2	13 6		n.a.
M28	20 48	26 11	4 46	23 31	1 58	7 43	0 0	7 21	0 22	18 51	1 35	4 24	2 44	14 14	0 50	19 57	1 11	29 10	16 30	1 37	1 3	13 2		n.a.
T 29	20 36	28 24	5 3	23 8	1 56	7 13	0n 4	7 4	0 22	18 54	1 35	4 24	2 44	14 15	0 50	19 57	1 11	29 9	16 30	1 40	1 4	12 59		n.a.
W30	20 23	28 51	5 3	22 43	1 53	6 42	0 8	6 47	0 21	18 56	1 35	4 25	2 45	14 16	0 50	19 57	1 11	29 9	16 30	1 43	1 6	12 56		n.a.
T 31	20 s 9	27n17	4n43	22 s15	1 s50	6 s12	0n12	6 s30	0 s20	18n58	1n35	4n26	2n45	14n17	0n50	19 s57	1n11	29 s 8	16 s30	1 s47	1 s 7	12 s53		n.a.

Julian Day Number = 1305038.5, Delta T = 07h46m49s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'41, Lahiri = -19°41'41 Julian Calendar 1 Jan. 1140 BCE == Greg. Calendar 21 Dec. 1141 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

FEBRUARY 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 2 6	2♒28'42	2♌52	2♒ 0	15♓11	15♓14	11°R58	25°R13	24°R40	3♐ 7	24♒ 8	25°R28	27♓11	2♓20	n.a.	F 1
S 2	8 6 2	3°28'26	17°58	3°57	16°19	15°56	11♌50	25♍11	24♌37	3° 9	24°10	25♓21	27° 8	2°27	n.a.	S 2
S 3	8 9 59	4°28'09	3♍ 3	5°54	17°27	16°38	11°43	25° 9	24°35	3°10	24°11	25°17	27° 5	2°34	n.a.	S 3
M 4	8 13 55	5°27'50	17°57	7°51	18°35	17°20	11°35	25° 7	24°33	3°11	24°12	25°15	27° 2	2°40	n.a.	M 4
T 5	8 17 52	6°27'28	2♎33	9°50	19°42	18° 2	11°27	25° 5	24°30	3°13	24°14	25°D15	26°58	2°47	n.a.	T 5
W 6	8 21 48	7°27'05	16°48	11°49	20°50	18°44	11°19	25° 3	24°28	3°14	24°15	25°16	26°55	2°54	n.a.	W 6
T 7	8 25 45	8°26'40	0♏41	13°49	21°57	19°25	11°12	25° 0	24°25	3°15	24°17	25°17	26°52	3° 0	n.a.	T 7
F 8	8 29 41	9°26'13	14°12	15°48	23° 4	20° 7	11° 4	24°58	24°23	3°16	24°18	25°R17	26°49	3° 7	n.a.	F 8
S 9	8 33 38	10°25'45	27°24	17°48	24°11	20°49	10°56	24°55	24°20	3°17	24°20	25°16	26°46	3°14	n.a.	S 9
S 10	8 37 35	11°25'14	10♐18	19°48	25°17	21°30	10°48	24°53	24°18	3°18	24°21	25°12	26°42	3°20	n.a.	S 10
M11	8 41 31	12°24'42	22°56	21°47	26°24	22°12	10°41	24°50	24°15	3°20	24°22	25° 7	26°39	3°27	n.a.	M11
T 12	8 45 28	13°24'07	5♑23	23°45	27°30	22°54	10°33	24°47	24°13	3°21	24°24	25° 0	26°36	3°34	n.a.	T 12
W13	8 49 24	14°23'31	17°38	25°42	28°36	23°35	10°25	24°45	24°10	3°22	24°25	24°52	26°33	3°40	n.a.	W13
T 14	8 53 21	15°22'52	29°45	27°37	29°41	24°17	10°17	24°42	24° 8	3°23	24°27	24°45	26°30	3°47	n.a.	T 14
F 15	8 57 17	16°22'11	11♒44	29°30	0♈47	24°58	10°10	24°39	24° 5	3°24	24°28	24°38	26°27	3°54	n.a.	F 15
S 16	9 1 14	17°21'28	23°37	1♓22	1°52	25°40	10° 2	24°36	24° 3	3°25	24°30	24°32	26°23	4° 0	n.a.	S 16
S 17	9 5 10	18°20'43	5♓26	3°10	2°57	26°21	9°54	24°33	24° 0	3°26	24°31	24°29	26°20	4° 7	n.a.	S 17
M18	9 9 7	19°19'56	17°12	4°55	4° 1	27° 2	9°47	24°29	23°57	3°26	24°33	24°27	26°17	4°14	n.a.	M18
T 19	9 13 3	20°19'06	29° 0	6°36	5° 6	27°44	9°39	24°26	23°55	3°27	24°34	24°D27	26°14	4°20	n.a.	T 19
W20	9 17 0	21°18'13	10♈52	8°14	6°10	28°25	9°32	24°23	23°52	3°28	24°36	24°28	26°11	4°27	n.a.	W20
T 21	9 20 57	22°17'19	22°51	9°47	7°14	29° 6	9°24	24°19	23°50	3°29	24°37	24°30	26° 7	4°34	n.a.	T 21
F 22	9 24 53	23°16'22	5♉ 2	11°15	8°17	29°47	9°17	24°16	23°47	3°30	24°39	24°31	26° 4	4°40	n.a.	F 22
S 23	9 28 50	24°15'22	17°30	12°38	9°20	0♈29	9° 9	24°12	23°45	3°30	24°40	24°32	26° 1	4°47	n.a.	S 23
S 24	9 32 46	25°14'21	0♊19	13°56	10°23	1°10	9° 2	24° 9	23°42	3°31	24°42	24°R32	25°58	4°54	n.a.	S 24
M25	9 36 43	26°13'17	13°33	15° 8	11°26	1°51	8°55	24° 5	23°39	3°32	24°43	24°31	25°55	5° 0	n.a.	M25
T 26	9 40 39	27°12'10	27°15	16°14	12°28	2°32	8°48	24° 1	23°37	3°32	24°44	24°29	25°52	5° 7	n.a.	T 26
W27	9 44 36	28°11'01	11♋24	17°14	13°30	3°13	8°41	23°58	23°34	3°33	24°46	24°26	25°48	5°14	n.a.	W27
T 28	9 48 32	29♒ 9'50	26♋ 1	18♓ 8	14♈31	3♈54	8♌34	23♍54	23♌32	3♐33	24♒47	24♓22	25♓45	5♓20	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s56	23n47	4n 4	21s45	1s46	5s41	0n16	6s12	0s19	19n 0	1n35	4n27	2n45	14n18	0n50	19s58	1n11	29s 7	16s30	1s50	1s 8	12s50		n.a.	
S 2	19 42	18 39	3 7	21 14	1 42	5 10	0 21	5 55	0 19	19 3	1 35	4 28	2 45	14 18	0 50	19 58	1 11	29 7	16 30	1 53	1 10	12 46		n.a.	
S 3	19 28	12 22	1 57	20 40	1 36	4 39	0 25	5 38	0 18	19 5	1 35	4 29	2 46	14 19	0 50	19 58	1 11	29 6	16 29	1 54	1 11	12 43		n.a.	
M 4	19 13	5 27	0 39	20 4	1 31	4 8	0 29	5 21	0 17	19 7	1 36	4 30	2 46	14 20	0 50	19 58	1 11	29 6	16 29	1 55	1 12	12 40		n.a.	
T 5	18 58	1s38	0s39	19 26	1 25	3 37	0 34	5 3	0 16	19 10	1 36	4 31	2 46	14 21	0 50	19 59	1 11	29 5	16 29	1 55	1 13	12 37		n.a.	
W 6	18 43	8 27	1 54	18 46	1 18	3 6	0 38	4 46	0 15	19 12	1 36	4 32	2 46	14 22	0 50	19 59	1 11	29 4	16 29	1 55	1 15	12 34		n.a.	
T 7	18 27	14 42	2 59	18 4	1 10	2 35	0 43	4 29	0 15	19 14	1 36	4 33	2 47	14 23	0 50	19 59	1 11	29 4	16 29	1 54	1 16	12 31		n.a.	
F 8	18 11	20 4	3 53	17 21	1 2	2 4	0 47	4 11	0 14	19 16	1 36	4 35	2 47	14 24	0 50	19 59	1 11	29 3	16 29	1 54	1 17	12 27		n.a.	
S 9	17 55	24 20	4 33	16 36	0 53	1 33	0 52	3 54	0 13	19 19	1 36	4 36	2 47	14 24	0 50	19 59	1 11	29 3	16 29	1 55	1 19	12 24		n.a.	
S 10	17 38	27 17	4 59	15 49	0 44	1 2	0 57	3 37	0 12	19 21	1 36	4 37	2 47	14 25	0 50	20 0	1 11	29 2	16 29	1 56	1 20	12 21		n.a.	
M11	17 21	28 47	5 9	15 1	0 34	0 31	1 1	3 19	0 12	19 23	1 36	4 38	2 48	14 26	0 50	20 0	1 12	29 1	16 29	1 58	1 21	12 18		n.a.	
T 12	17 4	28 47	5 4	14 12	0 24	0 0	1 6	3 2	0 11	19 25	1 36	4 40	2 48	14 27	0 50	20 0	1 12	29 1	16 29	2 1	1 22	12 14		n.a.	
W13	16 47	27 22	4 45	13 22	0 13	0n31	1 11	2 45	0 10	19 28	1 36	4 41	2 48	14 28	0 50	20 0	1 12	29 0	16 29	2 4	1 24	12 11		n.a.	
T 14	16 29	24 40	4 14	12 31	0 1	1 2	1 16	2 27	0 10	19 30	1 36	4 42	2 48	14 29	0 50	20 0	1 12	29 0	16 28	2 7	1 25	12 8		n.a.	
F 15	16 11	20 56	3 31	11 40	0n11	1 32	1 20	2 10	0 9	19 32	1 36	4 44	2 48	14 30	0 50	20 0	1 12	28 59	16 28	2 10	1 26	12 5		n.a.	
S 16	15 53	16 23	2 40	10 49	0 23	2 3	1 25	1 53	0 8	19 34	1 36	4 45	2 49	14 30	0 50	20 1	1 12	28 58	16 28	2 12	1 27	12 2		n.a.	
S 17	15 35	11 15	1 42	9 58	0 35	2 34	1 30	1 35	0 7	19 36	1 36	4 47	2 49	14 31	0 50	20 1	1 12	28 58	16 28	2 14	1 29	11 58		n.a.	
M18	15 16	5 44	0 39	9 8	0 48	3 4	1 35	1 18	0 7	19 38	1 37	4 48	2 49	14 32	0 50	20 1	1 12	28 57	16 28	2 14	1 30	11 55		n.a.	
T 19	14 57	0 1	0n25	8 18	1 0	3 35	1 40	1 1	0 6	19 40	1 37	4 50	2 49	14 33	0 50	20 1	1 12	28 57	16 28	2 14	1 31	11 52		n.a.	
W20	14 38	5n43	1 29	7 29	1 13	4 5	1 45	0 43	0 5	19 43	1 37	4 51	2 49	14 34	0 50	20 1	1 12	28 56	16 28	2 14	1 33	11 49		n.a.	
T 21	14 19	11 20	2 29	6 42	1 26	4 35	1 50	0 26	0 5	19 45	1 37	4 53	2 50	14 35	0 50	20 1	1 12	28 56	16 28	2 13	1 34	11 45		n.a.	
F 22	13 59	16 37	3 24	5 57	1 38	5 5	1 54	0 9	0 4	19 47	1 37	4 54	2 50	14 36	0 50	20 1	1 12	28 55	16 28	2 13	1 35	11 42		n.a.	
S 23	13 39	21 20	4 11	5 14	1 51	5 35	1 59	0n 9	0 3	19 49	1 36	4 56	2 50	14 37	0 50	20 2	1 12	28 55	16 28	2 12	1 36	11 39		n.a.	
S 24	13 19	25 13	4 47	4 33	2 2	6 5	2 4	0 26	0 2	19 50	1 36	4 57	2 50	14 37	0 50	20 2	1 12	28 54	16 28	2 12	1 38	11 36		n.a.	
M25	12 59	27 54	5 8	3 54	2 14	6 34	2 9	0 43	0 2	19 52	1 36	4 59	2 50	14 38	0 50	20 2	1 12	28 54	16 28	2 13	1 39	11 32		n.a.	
T 26	12 39	29 2	5 14	3 18	2 25	7 3	2 14	1 0	0 1	19 54	1 36	5 1	2 50	14 39	0 50	20 2	1 12	28 53	16 28	2 14	1 40	11 29		n.a.	
W27	12 18	28 19	5 0	2 45	2 35	7 32	2 19	1 18	0 0	19 56	1 36	5 2	2 50	14 40	0 50	20 2	1 12	28 53	16 28	2 15	1 42	11 26		n.a.	
T 28	11s57	25n40	4n28	2s15	2n44	8n 1	2n24	1n35	0n 0	19n58	1n36	5n 4	2n51	14n41	0n50	20s 2	1n12	28s52	16s28	2s16	1s43	11s23		n.a.	

Julian Day Number = 1305069.5, Delta T = 07h46m47s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'37, Lahiri = -19°41'36 Julian Calendar 1 Feb. 1140 BCE == Greg. Calendar 21 Jan. 1140 BCE

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

MARCH 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 52 29	0♓ 8'36	10♌58	18♓56	15♈32	4♈35	8°R27	23°R50	23°R29	3♐34	24♒49	24°R19	25♓42	5♓27	n.a.	F 1
S 2	9 56 26	1° 7'20	26° 9	19°37	16°33	5°16	8♌20	23♍46	23♌26	3°35	24°50	24♓16	25°39	5°33	n.a.	S 2
S 3	10 0 22	2° 6'01	11♍23	20°11	17°33	5°57	8°14	23°42	23°24	3°35	24°52	24°15	25°36	5°40	n.a.	S 3
M 4	10 4 19	3° 4'41	26°31	20°39	18°33	6°38	8° 7	23°38	23°21	3°35	24°53	24°D14	25°33	5°47	n.a.	M 4
T 5	10 8 15	4° 3'19	11♎24	21° 0	19°33	7°18	8° 1	23°34	23°19	3°36	24°55	24°15	25°29	5°53	n.a.	T 5
W 6	10 12 12	5° 1'54	25°56	21°15	20°32	7°59	7°55	23°30	23°16	3°36	24°56	24°16	25°26	6° 0	n.a.	W 6
T 7	10 16 8	6° 0'28	10♏ 3	21°23	21°31	8°40	7°48	23°26	23°14	3°36	24°58	24°17	25°23	6° 7	n.a.	T 7
F 8	10 20 5	6°59'01	23°43	21°R25	22°29	9°21	7°42	23°22	23°11	3°37	24°59	24°18	25°20	6°13	n.a.	F 8
S 9	10 24 1	7°57'31	6♐59	21°21	23°27	10° 1	7°36	23°17	23° 9	3°37	25° 1	24°R19	25°17	6°20	n.a.	S 9
S 10	10 27 58	8°56'00	19°52	21°11	24°24	10°42	7°31	23°13	23° 6	3°37	25° 2	24°18	25°13	6°27	n.a.	S 10
M11	10 31 54	9°54'27	2♑26	20°55	25°21	11°22	7°25	23° 9	23° 4	3°38	25° 3	24°17	25°10	6°33	n.a.	M11
T 12	10 35 51	10°52'52	14°44	20°34	26°17	12° 3	7°19	23° 5	23° 1	3°38	25° 5	24°16	25° 7	6°40	n.a.	T 12
W13	10 39 48	11°51'16	26°50	20° 9	27°13	12°43	7°14	23° 0	22°59	3°38	25° 6	24°14	25° 4	6°47	n.a.	W13
T 14	10 43 44	12°49'37	8♒47	19°39	28° 8	13°24	7° 9	22°56	22°57	3°38	25° 8	24°12	25° 1	6°53	n.a.	T 14
F 15	10 47 41	13°47'57	20°39	19° 6	29° 3	14° 4	7° 4	22°52	22°54	3°38	25° 9	24°11	24°58	7° 0	n.a.	F 15
S 16	10 51 37	14°46'15	2♓27	18°30	29°57	14°45	6°59	22°47	22°52	3°38	25°11	24°10	24°54	7° 7	n.a.	S 16
S 17	10 55 34	15°44'31	14°14	17°51	0♉51	15°25	6°54	22°43	22°50	3°R38	25°12	24° 9	24°51	7°13	n.a.	S 17
M18	10 59 30	16°42'45	26° 3	17°12	1°43	16° 6	6°49	22°38	22°47	3°38	25°13	24°D 9	24°48	7°20	n.a.	M18
T 19	11 3 27	17°40'57	7♈55	16°31	2°36	16°46	6°45	22°34	22°45	3°38	25°15	24° 9	24°45	7°27	n.a.	T 19
W20	11 7 23	18°39'07	19°53	15°50	3°27	17°26	6°41	22°29	22°43	3°38	25°16	24°10	24°42	7°33	n.a.	W20
T 21	11 11 20	19°37'15	2♉ 0	15°10	4°18	18° 7	6°37	22°25	22°40	3°38	25°17	24°10	24°39	7°40	n.a.	T 21
F 22	11 15 16	20°35'21	14°18	14°32	5° 8	18°47	6°33	22°20	22°38	3°38	25°19	24°11	24°35	7°47	n.a.	F 22
S 23	11 19 13	21°33'26	26°51	13°55	5°58	19°27	6°29	22°16	22°36	3°37	25°20	24°11	24°32	7°53	n.a.	S 23
S 24	11 23 10	22°31'28	9♊41	13°22	6°47	20° 7	6°25	22°11	22°34	3°37	25°22	24°11	24°29	8° 0	n.a.	S 24
M25	11 27 6	23°29'28	22°52	12°51	7°34	20°47	6°22	22° 7	22°32	3°37	25°23	24°R11	24°26	8° 6	n.a.	M25
T 26	11 31 3	24°27'26	6♋26	12°24	8°21	21°27	6°18	22° 2	22°30	3°37	25°24	24°D11	24°23	8°13	n.a.	T 26
W27	11 34 59	25°25'22	20°24	12° 0	9° 8	22° 8	6°15	21°58	22°28	3°36	25°26	24°11	24°19	8°20	n.a.	W27
T 28	11 38 56	26°23'16	4♌46	11°41	9°53	22°48	6°12	21°54	22°26	3°36	25°27	24°11	24°16	8°26	n.a.	T 28
F 29	11 42 52	27°21'08	19°29	11°27	10°37	23°28	6°10	21°49	22°24	3°36	25°28	24°12	24°13	8°33	n.a.	F 29
S 30	11 46 49	28°18'58	4♍28	11°16	11°21	24° 8	6° 7	21°45	22°22	3°35	25°29	24°12	24°10	8°40	n.a.	S 30
S 31	11 50 45	29♓16'46	19♍35	11♓11	12♉ 3	24♈47	6♌ 5	21♍40	22♌20	3♐35	25♒31	24°R12	24♓ 7	8♓46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	11s36	21n13	3n36	1s48	2n53	8n30	2n29	1n52	0n 1	20n 0	1n36	5n 6	2n51	14n42	0n50	20s 2	1n12	28s52	16s28	2s18	1s44	11s19		n.a.	F 1
S 2	11 15	15 20	2 29	1 25	3 1	8 58	2 33	2 9	0 2	20 1	1 36	5 7	2 51	14 43	0 50	20 2	1 12	28 51	16 28	2 19	1 45	11 16		n.a.	S 2
S 3	10 54	8 30	1 10	1 5	3 8	9 26	2 38	2 26	0 2	20 3	1 36	5 9	2 51	14 43	0 50	20 2	1 12	28 51	16 28	2 19	1 47	11 13		n.a.	S 3
M 4	10 33	1 13	0s13	0 48	3 14	9 54	2 43	2 43	0 3	20 5	1 36	5 11	2 51	14 44	0 50	20 2	1 12	28 50	16 28	2 19	1 48	11 10		n.a.	M 4
T 5	10 11	6s 1	1 33	0 35	3 18	10 21	2 48	3 0	0 4	20 6	1 36	5 12	2 51	14 45	0 50	20 2	1 12	28 50	16 29	2 19	1 49	11 6		n.a.	T 5
W 6	9 49	12 45	2 46	0 26	3 22	10 48	2 53	3 17	0 4	20 8	1 36	5 14	2 51	14 46	0 50	20 2	1 12	28 49	16 29	2 19	1 51	11 3		n.a.	W 6
T 7	9 27	18 39	3 47	0 21	3 24	11 15	2 57	3 34	0 5	20 10	1 36	5 16	2 51	14 47	0 50	20 2	1 12	28 49	16 29	2 18	1 52	11 0		n.a.	T 7
F 8	9 5	23 24	4 32	0 19	3 25	11 42	3 2	3 51	0 6	20 11	1 36	5 18	2 52	14 48	0 50	20 2	1 12	28 48	16 29	2 18	1 53	10 56		n.a.	F 8
S 9	8 43	26 47	5 2	0 22	3 25	12 8	3 7	4 8	0 6	20 13	1 36	5 20	2 52	14 49	0 50	20 2	1 12	28 48	16 29	2 18	1 54	10 53		n.a.	S 9
S 10	8 21	28 41	5 15	0 27	3 23	12 34	3 11	4 24	0 7	20 14	1 36	5 21	2 52	14 49	0 50	20 2	1 12	28 47	16 29	2 18	1 56	10 50		n.a.	S 10
M11	7 59	29 2	5 13	0 37	3 19	12 59	3 16	4 41	0 8	20 15	1 35	5 23	2 52	14 50	0 50	20 2	1 12	28 47	16 29	2 18	1 57	10 47		n.a.	M11
T 12	7 36	27 55	4 56	0 50	3 14	13 24	3 20	4 58	0 8	20 17	1 35	5 25	2 52	14 51	0 50	20 2	1 12	28 46	16 29	2 19	1 58	10 43		n.a.	T 12
W13	7 14	25 30	4 27	1 6	3 8	13 49	3 25	5 14	0 9	20 18	1 35	5 27	2 52	14 52	0 50	20 2	1 12	28 46	16 29	2 20	2 0	10 40		n.a.	W13
T 14	6 51	21 59	3 46	1 25	3 0	14 14	3 29	5 31	0 9	20 19	1 35	5 29	2 52	14 53	0 50	20 2	1 12	28 46	16 29	2 20	2 1	10 37		n.a.	T 14
F 15	6 28	17 37	2 55	1 46	2 51	14 38	3 33	5 48	0 10	20 20	1 35	5 30	2 52	14 53	0 50	20 2	1 12	28 45	16 29	2 21	2 2	10 33		n.a.	F 15
S 16	6 6	12 36	1 58	2 10	2 40	15 1	3 37	6 4	0 11	20 22	1 35	5 32	2 52	14 54	0 50	20 2	1 12	28 45	16 30	2 21	2 3	10 30		n.a.	S 16
S 17	5 43	7 9	0 55	2 37	2 28	15 24	3 42	6 20	0 11	20 23	1 35	5 34	2 52	14 55	0 50	20 2	1 13	28 44	16 30	2 22	2 5	10 27		n.a.	S 17
M18	5 20	1 26	0n11	3 4	2 15	15 47	3 46	6 37	0 12	20 24	1 35	5 36	2 52	14 56	0 50	20 2	1 13	28 44	16 30	2 22	2 6	10 24		n.a.	M18
T 19	4 57	4n21	1 16	3 33	2 1	16 9	3 50	6 53	0 13	20 25	1 34	5 38	2 52	14 56	0 50	20 2	1 13	28 44	16 30	2 22	2 7	10 20		n.a.	T 19
W20	4 34	10 2	2 18	4 3	1 46	16 31	3 54	7 9	0 13	20 26	1 34	5 40	2 52	14 57	0 50	20 2	1 13	28 43	16 30	2 21	2 8	10 17		n.a.	W20
T 21	4 10	15 24	3 15	4 32	1 31	16 53	3 58	7 26	0 14	20 27	1 34	5 41	2 52	14 58	0 50	20 2	1 13	28 43	16 30	2 21	2 10	10 14		n.a.	T 21
F 22	3 47	20 16	4 4	5 2	1 15	17 14	4 1	7 42	0 14	20 27	1 34	5 43	2 52	14 58	0 50	20 2	1 13	28 43	16 30	2 21	2 11	10 10		n.a.	F 22
S 23	3 24	24 21	4 42	5 32	0 58	17 34	4 5	7 58	0 15	20 28	1 34	5 45	2 52	14 59	0 50	20 2	1 13	28 42	16 31	2 21	2 12	10 7		n.a.	S 23
S 24	3 1	27 20	5 8	6 0	0 42	17 54	4 9	8 14	0 16	20 29	1 34	5 47	2 52	15 0	0 50	20 2	1 13	28 42	16 31	2 21	2 14	10 4		n.a.	S 24
M25	2 38	28 55	5 18	6 27	0 25	18 13	4 12	8 30	0 16	20 30	1 33	5 49	2 52	15 1	0 50	20 2	1 13	28 42	16 31	2 21	2 15	10 0		n.a.	M25
T 26	2 14	28 51	5 11	6 53	0 9	18 32	4 15	8 45	0 17	20 30	1 33	5 50	2 52	15 1	0 50	20 2	1 13	28 41	16 31	2 21	2 16	9 57		n.a.	T 26
W27	1 51	26 57	4 45	7 17	0s 7	18 51	4 18	9 1	0 17	20 31	1 33	5 52	2 52	15 2	0 50	20 2	1 13	28 41	16 31	2 21	2 17	9 54		n.a.	W27
T 28	1 28	23 17	4 2	7 39	0 23	19 8	4 22	9 17	0 18	20 32	1 33	5 54	2 52	15 3	0 49	20 2	1 13	28 41	16 31	2 21	2 19	9 50		n.a.	T 28
F 29	1 4	18 5	3 1	7 59	0 38	19 26	4 24	9 32	0 18	20 32	1 33	5 56	2 52	15 3	0 49	20 2	1 13	28 40	16 32	2 21	2 20	9 47		n.a.	F 29
S 30	0 41	11 42	1 48	8 16	0 53	19 42	4 27	9 48	0 19	20 33	1 33	5 58	2 52	15 4	0 49	20 1	1 13	28 40	16 32	2 20	2 21	9 44		n.a.	S 30
S 31	0s17	4n35	0n26	8s31	1s 7	19n58	4n30	10n 3	0n20	20n33	1n32	5n59	2n52	15n 4	0n49	20s 1	1n13	28s40	16s32	2s20	2s23	9s40		n.a.	S 31

Julian Day Number = 1305097.5, Delta T = 07h46m46s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'33, Lahiri = -19°41'33 Julian Calendar 1 March 1140 BCE == Greg. Calendar 18 Feb. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

APRIL 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 54 42	0♈14'33	4♎42	11°D10	12♉44	25♈27	6°R 2	21°R36	22°R18	3°R34	25♒32	24°R12	24♓ 4	8♓53	n.a.	M 1
T 2	11 58 39	1°12'18	19°39	11♓14	13°24	26° 7	6♌ 0	21♍31	22♌16	3♐34	25°33	24♓12	24° 0	9° 0	n.a.	T 2
W 3	12 2 35	2°10'01	4♏19	11°23	14° 4	26°47	5°58	21°27	22°14	3°33	25°34	24°11	23°57	9° 6	n.a.	W 3
T 4	12 6 32	3° 7'44	18°35	11°36	14°41	27°27	5°57	21°23	22°13	3°33	25°36	24°10	23°54	9°13	n.a.	T 4
F 5	12 10 28	4° 5'25	2♐25	11°54	15°18	28° 7	5°55	21°18	22°11	3°32	25°37	24° 9	23°51	9°20	n.a.	F 5
S 6	12 14 25	5° 3'04	15°49	12°16	15°54	28°46	5°54	21°14	22° 9	3°31	25°38	24° 8	23°48	9°26	n.a.	S 6
S 7	12 18 21	6° 0'43	28°46	12°43	16°28	29°26	5°53	21°10	22° 8	3°31	25°39	24° 7	23°45	9°33	n.a.	S 7
M 8	12 22 18	6°58'20	11♑22	13°13	17° 1	0♉ 6	5°52	21° 6	22° 6	3°30	25°40	24°D 7	23°41	9°40	n.a.	M 8
T 9	12 26 14	7°55'56	23°39	13°48	17°32	0°46	5°51	21° 1	22° 4	3°29	25°42	24° 8	23°38	9°46	n.a.	T 9
W10	12 30 11	8°53'31	5♒42	14°27	18° 2	1°25	5°50	20°57	22° 3	3°29	25°43	24° 9	23°35	9°53	n.a.	W10
T 11	12 34 8	9°51'05	17°35	15° 9	18°31	2° 5	5°50	20°53	22° 1	3°28	25°44	24°10	23°32	10° 0	n.a.	T 11
F 12	12 38 4	10°48'38	29°23	15°56	18°58	2°44	5°50	20°49	22° 0	3°27	25°45	24°11	23°29	10° 6	n.a.	F 12
S 13	12 42 1	11°46'10	11♓10	16°45	19°23	3°24	5°D50	20°45	21°59	3°26	25°46	24°13	23°25	10°13	n.a.	S 13
S 14	12 45 57	12°43'40	22°59	17°39	19°47	4° 3	5°50	20°41	21°57	3°25	25°47	24°R13	23°22	10°19	n.a.	S 14
M15	12 49 54	13°41'09	4♈52	18°35	20° 9	4°43	5°50	20°37	21°56	3°24	25°48	24°13	23°19	10°26	n.a.	M15
T 16	12 53 50	14°38'37	16°53	19°35	20°29	5°23	5°50	20°33	21°55	3°24	25°49	24°11	23°16	10°33	n.a.	T 16
W17	12 57 47	15°36'04	29° 2	20°38	20°47	6° 2	5°51	20°29	21°53	3°23	25°50	24° 9	23°13	10°39	n.a.	W17
T 18	13 1 43	16°33'29	11♉23	21°44	21° 4	6°41	5°52	20°25	21°52	3°22	25°51	24° 6	23°10	10°46	n.a.	T 18
F 19	13 5 40	17°30'54	23°55	22°53	21°18	7°21	5°53	20°22	21°51	3°21	25°52	24° 2	23° 6	10°53	n.a.	F 19
S 20	13 9 37	18°28'17	6♊41	24° 4	21°31	8° 0	5°54	20°18	21°50	3°20	25°53	23°59	23° 3	10°59	n.a.	S 20
S 21	13 13 33	19°25'39	19°41	25°19	21°41	8°40	5°56	20°14	21°49	3°19	25°54	23°55	23° 0	11° 6	n.a.	S 21
M22	13 17 30	20°23'00	2♋57	26°37	21°49	9°19	5°57	20°11	21°48	3°18	25°55	23°53	22°57	11°13	n.a.	M22
T 23	13 21 26	21°20'19	16°30	27°57	21°55	9°58	5°59	20° 7	21°47	3°17	25°56	23°D52	22°54	11°19	n.a.	T 23
W24	13 25 23	22°17'37	0♌21	29°20	21°59	10°37	6° 1	20° 4	21°46	3°15	25°57	23°52	22°50	11°26	n.a.	W24
T 25	13 29 19	23°14'54	14°29	0♈46	22°R 0	11°17	6° 3	20° 0	21°46	3°14	25°58	23°53	22°47	11°33	n.a.	T 25
F 26	13 33 16	24°12'09	28°54	2°14	21°59	11°56	6° 5	19°57	21°45	3°13	25°59	23°55	22°44	11°39	n.a.	F 26
S 27	13 37 12	25° 9'24	13♍32	3°45	21°56	12°35	6° 8	19°54	21°44	3°12	26° 0	23°56	22°41	11°46	n.a.	S 27
S 28	13 41 9	26° 6'37	28°20	5°19	21°50	13°14	6°10	19°51	21°43	3°11	26° 1	23°R56	22°38	11°53	n.a.	S 28
M29	13 45 6	27° 3'49	13♎10	6°55	21°42	13°53	6°13	19°48	21°43	3°10	26° 1	23°55	22°35	11°59	n.a.	M29
T 30	13 49 2	28♈ 1'00	27♎56	8♈34	21♉32	14♉33	6♌16	19♍44	21♌42	3♐ 8	26♒ 2	23♓52	22♓31	12♓ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 6	2s47	0s58	8s44	1s21	20n14	4n32	10n19	0n20	20n33	1n32	6n 1	2n52	15n 5	0n49	20s 1	1n13	28s40	16s32	2s20	2s24	9s37		n.a.
T 2	0 29	9 55	2 17	8 54	1 33	20 29	4 35	10 34	0 21	20 34	1 32	6 3	2 52	15 6	0 49	20 1	1 13	28 39	16 32	2 21	2 25	9 34		n.a.
W 3	0 53	16 22	3 25	9 2	1 45	20 43	4 37	10 49	0 21	20 34	1 32	6 4	2 52	15 6	0 49	20 1	1 13	28 39	16 33	2 21	2 26	9 30		n.a.
T 4	1 16	21 46	4 18	9 7	1 56	20 56	4 39	11 4	0 22	20 34	1 32	6 6	2 52	15 7	0 49	20 1	1 13	28 39	16 33	2 21	2 28	9 27		n.a.
F 5	1 39	25 48	4 55	9 9	2 6	21 9	4 41	11 19	0 22	20 35	1 31	6 8	2 52	15 7	0 49	20 1	1 13	28 39	16 33	2 22	2 29	9 24		n.a.
S 6	2 2	28 16	5 14	9 9	2 16	21 21	4 42	11 34	0 23	20 35	1 31	6 10	2 52	15 8	0 49	20 1	1 13	28 38	16 33	2 22	2 30	9 20		n.a.
S 7	2 26	29 6	5 16	9 7	2 24	21 33	4 44	11 49	0 23	20 35	1 31	6 11	2 52	15 8	0 49	20 0	1 13	28 38	16 34	2 22	2 31	9 17		n.a.
M 8	2 49	28 22	5 3	9 2	2 32	21 44	4 45	12 4	0 24	20 35	1 31	6 13	2 52	15 9	0 49	20 0	1 13	28 38	16 34	2 22	2 33	9 14		n.a.
T 9	3 12	26 15	4 36	8 54	2 39	21 54	4 46	12 19	0 25	20 35	1 31	6 14	2 52	15 9	0 49	20 0	1 13	28 38	16 34	2 22	2 34	9 10		n.a.
W10	3 35	22 59	3 58	8 45	2 45	22 3	4 46	12 33	0 25	20 35	1 30	6 16	2 52	15 10	0 49	20 0	1 13	28 37	16 34	2 22	2 35	9 7		n.a.
T 11	3 58	18 49	3 9	8 33	2 50	22 12	4 47	12 48	0 26	20 35	1 30	6 18	2 52	15 10	0 49	20 0	1 13	28 37	16 35	2 21	2 37	9 4		n.a.
F 12	4 21	13 57	2 13	8 18	2 54	22 20	4 47	13 2	0 26	20 35	1 30	6 19	2 52	15 11	0 49	20 0	1 13	28 37	16 35	2 21	2 38	9 0		n.a.
S 13	4 44	8 36	1 12	8 2	2 58	22 27	4 47	13 16	0 27	20 34	1 30	6 21	2 52	15 11	0 49	19 59	1 13	28 37	16 35	2 20	2 39	8 57		n.a.
S 14	5 6	2 56	0 7	7 43	3 1	22 33	4 46	13 30	0 27	20 34	1 30	6 22	2 51	15 11	0 49	19 59	1 13	28 37	16 35	2 20	2 40	8 54		n.a.
M15	5 29	2n52	0n59	7 23	3 3	22 39	4 46	13 44	0 28	20 34	1 29	6 24	2 51	15 12	0 49	19 59	1 13	28 37	16 36	2 20	2 42	8 50		n.a.
T 16	5 52	8 36	2 2	7 0	3 4	22 44	4 45	13 58	0 28	20 34	1 29	6 25	2 51	15 12	0 49	19 59	1 13	28 37	16 36	2 21	2 43	8 47		n.a.
W17	6 14	14 7	3 0	6 35	3 4	22 47	4 43	14 12	0 29	20 33	1 29	6 27	2 51	15 13	0 49	19 59	1 13	28 36	16 36	2 22	2 44	8 44		n.a.
T 18	6 37	19 9	3 51	6 9	3 4	22 50	4 42	14 26	0 29	20 33	1 29	6 28	2 51	15 13	0 49	19 58	1 13	28 36	16 36	2 23	2 46	8 40		n.a.
F 19	6 59	23 27	4 32	5 40	3 3	22 52	4 40	14 39	0 30	20 32	1 29	6 29	2 51	15 13	0 49	19 58	1 13	28 36	16 37	2 24	2 47	8 37		n.a.
S 20	7 21	26 42	5 0	5 10	3 2	22 53	4 37	14 53	0 30	20 32	1 28	6 31	2 51	15 14	0 49	19 58	1 13	28 36	16 37	2 26	2 48	8 33		n.a.
S 21	7 43	28 38	5 13	4 38	2 59	22 53	4 35	15 6	0 31	20 31	1 28	6 32	2 51	15 14	0 49	19 58	1 13	28 36	16 37	2 27	2 49	8 30		n.a.
M22	8 5	28 58	5 10	4 4	2 56	22 53	4 31	15 20	0 31	20 31	1 28	6 33	2 50	15 14	0 49	19 58	1 13	28 36	16 38	2 28	2 51	8 27		n.a.
T 23	8 27	27 35	4 50	3 28	2 53	22 51	4 28	15 33	0 32	20 30	1 28	6 35	2 50	15 14	0 49	19 57	1 13	28 36	16 38	2 28	2 52	8 23		n.a.
W24	8 49	24 31	4 13	2 50	2 49	22 48	4 24	15 46	0 32	20 29	1 27	6 36	2 50	15 15	0 49	19 57	1 13	28 36	16 38	2 28	2 53	8 20		n.a.
T 25	9 11	19 56	3 20	2 11	2 44	22 44	4 19	15 59	0 33	20 29	1 27	6 37	2 50	15 15	0 49	19 57	1 13	28 36	16 38	2 28	2 54	8 17		n.a.
F 26	9 32	14 7	2 13	1 31	2 38	22 39	4 14	16 11	0 33	20 28	1 27	6 38	2 50	15 15	0 49	19 57	1 13	28 36	16 39	2 27	2 56	8 13		n.a.
S 27	9 53	7 27	0 57	0 49	2 32	22 33	4 9	16 24	0 34	20 27	1 27	6 39	2 50	15 15	0 48	19 56	1 13	28 36	16 39	2 27	2 57	8 10		n.a.
S 28	10 15	0 19	0s24	0 5	2 26	22 25	4 3	16 37	0 34	20 26	1 27	6 40	2 49	15 15	0 48	19 56	1 14	28 36	16 39	2 27	2 58	8 6		n.a.
M29	10 36	6s52	1 43	0n40	2 19	22 17	3 56	16 49	0 35	20 25	1 26	6 42	2 49	15 16	0 48	19 56	1 14	28 36	16 40	2 27	3 0	8 3		n.a.
T 30	10n56	13s37	2s55	1n27	2s11	22n 7	3n49	17n 1	0n35	20n24	1n26	6n43	2n49	15n16	0n48	19s56	1n14	28s36	16s40	2s28	3s 1	8s 0		n.a.

Julian Day Number = 1305128.5, Delta T = 07h46m44s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'29, Lahiri = -19°41'28 Julian Calendar 1 Apr. 1140 BCE == Greg. Calendar 21 March 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

MAY 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 52 59	28♈58'11	12♏30	10♈15	21°R19	15♉12	6♌19	19°R41	21°R42	3°R 7	26♒ 3	23°R48	22♓28	12♓13	n.a.	W 1
T 2	13 56 55	29°55'21	26°45	11°59	21♉ 4	15°51	6°22	19♏39	21♌41	3♐ 6	26° 4	23♓43	22°25	12°19	n.a.	T 2
F 3	14 0 52	0♉52'31	10♐37	13°46	20°46	16°30	6°26	19°36	21°41	3° 5	26° 4	23°37	22°22	12°26	n.a.	F 3
S 4	14 4 48	1°49'40	24° 4	15°35	20°26	17° 9	6°29	19°33	21°41	3° 3	26° 5	23°32	22°19	12°32	n.a.	S 4
S 5	14 8 45	2°46'48	7♑ 6	17°26	20° 4	17°48	6°33	19°30	21°40	3° 2	26° 6	23°28	22°16	12°39	n.a.	S 5
M 6	14 12 42	3°43'57	19°44	19°20	19°39	18°27	6°37	19°28	21°40	3° 1	26° 7	23°25	22°12	12°46	n.a.	M 6
T 7	14 16 38	4°41'05	2♒ 2	21°16	19°13	19° 6	6°41	19°25	21°40	2°59	26° 7	23°D24	22° 9	12°52	n.a.	T 7
W 8	14 20 35	5°38'12	14° 6	23°15	18°45	19°45	6°45	19°23	21°40	2°58	26° 8	23°24	22° 6	12°59	n.a.	W 8
T 9	14 24 31	6°35'20	25°59	25°15	18°15	20°24	6°50	19°20	21°40	2°56	26° 9	23°26	22° 3	13° 6	n.a.	T 9
F 10	14 28 28	7°32'27	7♓47	27°18	17°43	21° 3	6°54	19°18	21°D40	2°55	26° 9	23°27	22° 0	13°12	n.a.	F 10
S 11	14 32 24	8°29'34	19°35	29°22	17°10	21°42	6°59	19°16	21°40	2°54	26°10	23°R28	21°56	13°19	n.a.	S 11
S 12	14 36 21	9°26'41	1♈27	1♉29	16°36	22°21	7° 4	19°14	21°40	2°52	26°10	23°28	21°53	13°26	n.a.	S 12
M13	14 40 17	10°23'47	13°27	3°36	16° 0	22°59	7° 9	19°12	21°40	2°51	26°11	23°26	21°50	13°32	n.a.	M13
T 14	14 44 14	11°20'54	25°37	5°45	15°24	23°38	7°14	19°10	21°40	2°49	26°11	23°22	21°47	13°39	n.a.	T 14
W15	14 48 11	12°18'00	8♉ 1	7°55	14°47	24°17	7°20	19° 8	21°40	2°48	26°12	23°15	21°44	13°46	n.a.	W15
T 16	14 52 7	13°15'06	20°39	10° 5	14°10	24°56	7°25	19° 6	21°40	2°46	26°12	23° 8	21°41	13°52	n.a.	T 16
F 17	14 56 4	14°12'12	3♊31	12°16	13°32	25°35	7°31	19° 5	21°41	2°45	26°13	22°59	21°37	13°59	n.a.	F 17
S 18	15 0 0	15° 9'17	16°36	14°27	12°55	26°13	7°37	19° 3	21°41	2°43	26°13	22°50	21°34	14° 6	n.a.	S 18
S 19	15 3 57	16° 6'23	29°55	16°38	12°18	26°52	7°42	19° 2	21°42	2°42	26°14	22°42	21°31	14°12	n.a.	S 19
M20	15 7 53	17° 3'28	13♋26	18°48	11°41	27°31	7°49	19° 0	21°42	2°40	26°14	22°36	21°28	14°19	n.a.	M20
T 21	15 11 50	18° 0'32	27° 8	20°58	11° 5	28°10	7°55	18°59	21°43	2°39	26°14	22°32	21°25	14°25	n.a.	T 21
W22	15 15 46	18°57'37	11♌ 0	23° 7	10°31	28°48	8° 1	18°58	21°43	2°37	26°15	22°30	21°22	14°32	n.a.	W22
T 23	15 19 43	19°54'40	25° 2	25°15	9°57	29°27	8° 8	18°57	21°44	2°35	26°15	22°D30	21°18	14°39	n.a.	T 23
F 24	15 23 40	20°51'44	9♍13	27°22	9°25	0♊ 6	8°14	18°56	21°45	2°34	26°16	22°31	21°15	14°45	n.a.	F 24
S 25	15 27 36	21°48'47	23°32	29°27	8°54	0°44	8°21	18°55	21°45	2°32	26°16	22°R31	21°12	14°52	n.a.	S 25
S 26	15 31 33	22°45'50	7♎56	1♊31	8°25	1°23	8°28	18°54	21°46	2°31	26°16	22°30	21° 9	14°59	n.a.	S 26
M27	15 35 29	23°42'53	22°23	3°33	7°58	2° 2	8°35	18°53	21°47	2°29	26°16	22°27	21° 6	15° 5	n.a.	M27
T 28	15 39 26	24°39'56	6♏47	5°33	7°33	2°40	8°42	18°53	21°48	2°28	26°17	22°22	21° 2	15°12	n.a.	T 28
W29	15 43 22	25°37'00	21° 2	7°31	7°10	3°19	8°49	18°52	21°49	2°26	26°17	22°14	20°59	15°19	n.a.	W29
T 30	15 47 19	26°34'03	5♐ 4	9°28	6°49	3°57	8°57	18°52	21°50	2°24	26°17	22° 4	20°56	15°25	n.a.	T 30
F 31	15 51 16	27♉31'07	18♐47	11♊23	6♉31	4♊36	9♌ 4	18♏51	21♌51	2♐23	26♒17	21♓54	20♓53	15♓32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n17	19s33	3s54	2n15	2s 3	21n57	3n42	17n14	0n36	20n23	1n26	6n44	2n49	15n16	0n48	19s55	1n14	28s36	16s40	2s30	3s 2	7s56			n.a.
T 2	11 38	24 14	4 38	3 4	1 55	21 45	3 34	17 26	0 36	20 22	1 26	6 45	2 49	15 16	0 48	19 55	1 14	28 36	16 41	2 32	3 3	7 53			n.a.
F 3	11 58	27 24	5 3	3 54	1 46	21 32	3 25	17 38	0 37	20 21	1 26	6 46	2 49	15 16	0 48	19 55	1 14	28 36	16 41	2 34	3 5	7 50			n.a.
S 4	12 18	28 52	5 11	4 45	1 36	21 17	3 16	17 49	0 37	20 20	1 25	6 46	2 48	15 16	0 48	19 55	1 14	28 36	16 41	2 36	3 6	7 46			n.a.
S 5	12 38	28 40	5 2	5 38	1 26	21 2	3 6	18 1	0 37	20 19	1 25	6 47	2 48	15 16	0 48	19 54	1 14	28 36	16 42	2 38	3 7	7 43			n.a.
M 6	12 58	26 57	4 39	6 31	1 16	20 46	2 56	18 12	0 38	20 18	1 25	6 48	2 48	15 16	0 48	19 54	1 14	28 36	16 42	2 39	3 8	7 39			n.a.
T 7	13 18	23 59	4 3	7 25	1 6	20 28	2 46	18 24	0 38	20 16	1 25	6 49	2 48	15 16	0 48	19 54	1 14	28 36	16 42	2 40	3 10	7 36			n.a.
W 8	13 37	20 1	3 17	8 19	0 55	20 9	2 35	18 35	0 39	20 15	1 25	6 50	2 48	15 16	0 48	19 53	1 14	28 36	16 43	2 40	3 11	7 33			n.a.
T 9	13 56	15 19	2 24	9 14	0 45	19 50	2 23	18 46	0 39	20 14	1 24	6 51	2 47	15 16	0 48	19 53	1 14	28 36	16 43	2 39	3 12	7 29			n.a.
F 10	14 15	10 5	1 24	10 10	0 34	19 29	2 11	18 57	0 40	20 12	1 24	6 51	2 47	15 16	0 48	19 53	1 14	28 36	16 43	2 38	3 14	7 26			n.a.
S 11	14 34	4 31	0 21	11 5	0 23	19 8	1 59	19 8	0 40	20 11	1 24	6 52	2 47	15 16	0 48	19 53	1 14	28 36	16 44	2 38	3 15	7 22			n.a.
S 12	14 53	1n14	0n43	12 0	0 12	18 46	1 46	19 19	0 41	20 9	1 24	6 53	2 47	15 16	0 48	19 52	1 14	28 37	16 44	2 38	3 16	7 19			n.a.
M13	15 11	7 1	1 46	12 55	0 1	18 23	1 33	19 29	0 41	20 8	1 24	6 53	2 46	15 16	0 48	19 52	1 14	28 37	16 44	2 39	3 17	7 16			n.a.
T 14	15 29	12 37	2 45	13 49	0n10	17 59	1 19	19 39	0 41	20 6	1 23	6 54	2 46	15 16	0 48	19 52	1 14	28 37	16 45	2 41	3 19	7 12			n.a.
W15	15 47	17 49	3 37	14 42	0 20	17 35	1 6	19 50	0 42	20 5	1 23	6 54	2 46	15 16	0 48	19 51	1 14	28 37	16 45	2 43	3 20	7 9			n.a.
T 16	16 4	22 21	4 19	15 34	0 31	17 11	0 52	20 0	0 42	20 3	1 23	6 55	2 46	15 16	0 48	19 51	1 14	28 37	16 46	2 46	3 21	7 5			n.a.
F 17	16 22	25 55	4 49	16 25	0 40	16 46	0 38	20 10	0 43	20 2	1 23	6 55	2 46	15 16	0 48	19 51	1 14	28 37	16 46	2 50	3 22	7 2			n.a.
S 18	16 39	28 12	5 4	17 14	0 50	16 21	0 24	20 19	0 43	20 0	1 23	6 56	2 45	15 15	0 48	19 51	1 14	28 37	16 46	2 53	3 24	6 59			n.a.
S 19	16 56	28 54	5 4	18 1	0 59	15 56	0 10	20 29	0 44	19 58	1 22	6 56	2 45	15 15	0 48	19 50	1 14	28 38	16 47	2 56	3 25	6 55			n.a.
M20	17 12	27 53	4 46	18 47	1 7	15 32	0s 4	20 39	0 44	19 56	1 22	6 56	2 45	15 15	0 48	19 50	1 14	28 38	16 47	2 59	3 26	6 52			n.a.
T 21	17 29	25 12	4 13	19 30	1 15	15 7	0 17	20 48	0 44	19 55	1 22	6 57	2 45	15 15	0 47	19 50	1 14	28 38	16 47	3 1	3 28	6 48			n.a.
W22	17 45	21 1	3 24	20 11	1 22	14 43	0 31	20 57	0 45	19 53	1 22	6 57	2 44	15 15	0 47	19 49	1 14	28 38	16 48	3 1	3 29	6 45			n.a.
T 23	18 0	15 37	2 22	20 50	1 29	14 20	0 45	21 6	0 45	19 51	1 22	6 57	2 44	15 14	0 47	19 49	1 14	28 38	16 48	3 1	3 30	6 42			n.a.
F 24	18 16	9 20	1 11	21 26	1 35	13 57	0 58	21 15	0 46	19 49	1 21	6 57	2 44	15 14	0 47	19 49	1 14	28 39	16 48	3 1	3 31	6 38			n.a.
S 25	18 31	2 32	0s 5	22 0	1 40	13 35	1 11	21 23	0 46	19 47	1 21	6 57	2 44	15 14	0 47	19 48	1 14	28 39	16 49	3 1	3 33	6 35			n.a.
S 26	18 46	4s27	1 22	22 31	1 45	13 14	1 23	21 32	0 46	19 45	1 21	6 57	2 43	15 13	0 47	19 48	1 14	28 39	16 49	3 1	3 34	6 31			n.a.
M27	19 1	11 12	2 32	22 59	1 49	12 53	1 36	21 40	0 47	19 43	1 21	6 58	2 43	15 13	0 47	19 48	1 14	28 39	16 50	3 3	3 35	6 28			n.a.
T 28	19 15	17 21	3 33	23 25	1 52	12 34	1 48	21 48	0 47	19 41	1 21	6 58	2 43	15 13	0 47	19 47	1 14	28 40	16 50	3 5	3 36	6 24			n.a.
W29	19 29	22 29	4 20	23 48	1 54	12 15	1 59	21 56	0 48	19 39	1 21	6 58	2 43	15 12	0 47	19 47	1 14	28 40	16 50	3 8	3 38	6 21			n.a.
T 30	19 42	26 15	4 50	24 9	1 56	11 58	2 10	22 4	0 48	19 36	1 20	6 57	2 42	15 12	0 47	19 47	1 14	28 40	16 51	3 12	3 39	6 18			n.a.
F 31	19n56	28s23	5s 3	24n27	1n57	11n42	2s21	22n12	0n48	19n34	1n20	6n57	2n42	15n12	0n47	19s47	1n14	28s40	16s51	3s16	3s40	6s14			n.a.

Julian Day Number = 1305158.5, Delta T = 07h46m43s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'25, Lahiri = -19°41'24 Julian Calendar 1 May 1140 BCE == Greg. Calendar 20 Apr. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

JUNE 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 12	28♉28'11	2♋ 8	13♊16	6°R14	5♊14	9♌12	18°R51	21♌52	2°R21	26♒17	21°R44	20♓50	15♓39	n.a.	S 1
S 2	15 59 9	29°25'16	15° 8	15° 7	6♉ 1	5°53	9°20	18♍51	21°53	2♐20	26°17	21♓35	20°47	15°45	n.a.	S 2
M 3	16 3 5	0♊22'21	27°45	16°56	5°49	6°32	9°28	18°D51	21°54	2°18	26°17	21°29	20°43	15°52	n.a.	M 3
T 4	16 7 2	1°19'27	10♒ 4	18°43	5°40	7°10	9°36	18°51	21°56	2°16	26°18	21°24	20°40	15°59	n.a.	T 4
W 5	16 10 58	2°16'33	22° 8	20°28	5°34	7°49	9°44	18°51	21°57	2°15	26°18	21°22	20°37	16° 5	n.a.	W 5
T 6	16 14 55	3°13'40	4♓ 1	22°12	5°30	8°27	9°52	18°51	21°58	2°13	26°18	21°D22	20°34	16°12	n.a.	T 6
F 7	16 18 51	4°10'48	15°50	23°53	5°D28	9° 6	10° 0	18°52	22° 0	2°11	26°R18	21°R22	20°31	16°18	n.a.	F 7
S 8	16 22 48	5° 7'57	27°39	25°33	5°28	9°44	10° 9	18°52	22° 1	2°10	26°18	21°22	20°28	16°25	n.a.	S 8
S 9	16 26 45	6° 5'06	9♈34	27°10	5°31	10°22	10°17	18°53	22° 3	2° 8	26°18	21°21	20°24	16°32	n.a.	S 9
M10	16 30 41	7° 2'16	21°40	28°46	5°36	11° 1	10°26	18°53	22° 4	2° 7	26°17	21°17	20°21	16°38	n.a.	M10
T 11	16 34 38	7°59'28	3♉59	0♋20	5°43	11°39	10°35	18°54	22° 6	2° 5	26°17	21°11	20°18	16°45	n.a.	T 11
W12	16 38 34	8°56'40	16°36	1°51	5°53	12°18	10°44	18°55	22° 8	2° 3	26°17	21° 3	20°15	16°52	n.a.	W12
T 13	16 42 31	9°53'53	29°31	3°21	6° 4	12°56	10°53	18°56	22° 9	2° 2	26°17	20°52	20°12	16°58	n.a.	T 13
F 14	16 46 27	10°51'06	12♊44	4°49	6°18	13°35	11° 2	18°57	22°11	2° 0	26°17	20°40	20° 8	17° 5	n.a.	F 14
S 15	16 50 24	11°48'21	26°13	6°15	6°33	14°13	11°11	18°58	22°13	1°59	26°17	20°28	20° 5	17°12	n.a.	S 15
S 16	16 54 21	12°45'36	9♋56	7°39	6°51	14°51	11°21	18°59	22°15	1°57	26°17	20°17	20° 2	17°18	n.a.	S 16
M17	16 58 17	13°42'52	23°49	9° 1	7°10	15°30	11°30	19° 0	22°17	1°55	26°16	20° 8	19°59	17°25	n.a.	M17
T 18	17 2 14	14°40'08	7♌49	10°20	7°31	16° 8	11°40	19° 2	22°19	1°54	26°16	20° 2	19°56	17°32	n.a.	T 18
W19	17 6 10	15°37'26	21°53	11°38	7°54	16°46	11°49	19° 3	22°21	1°52	26°16	19°58	19°53	17°38	n.a.	W19
T 20	17 10 7	16°34'43	6♍ 0	12°53	8°18	17°25	11°59	19° 5	22°23	1°51	26°16	19°57	19°49	17°45	n.a.	T 20
F 21	17 14 3	17°32'02	20° 7	14° 6	8°44	18° 3	12° 9	19° 7	22°25	1°49	26°15	19°57	19°46	17°52	n.a.	F 21
S 22	17 18 0	18°29'21	4♎15	15°17	9°12	18°41	12°19	19° 8	22°27	1°48	26°15	19°57	19°43	17°58	n.a.	S 22
S 23	17 21 56	19°26'40	18°21	16°25	9°41	19°20	12°29	19°10	22°29	1°46	26°15	19°55	19°40	18° 5	n.a.	S 23
M24	17 25 53	20°24'01	2♏24	17°31	10°11	19°58	12°39	19°12	22°31	1°45	26°14	19°51	19°37	18°11	n.a.	M24
T 25	17 29 50	21°21'22	16°23	18°35	10°43	20°36	12°49	19°14	22°33	1°43	26°14	19°44	19°33	18°18	n.a.	T 25
W26	17 33 46	22°18'45	0♐13	19°35	11°17	21°15	12°59	19°16	22°36	1°42	26°14	19°35	19°30	18°25	n.a.	W26
T 27	17 37 43	23°16'08	13°53	20°33	11°51	21°53	13°10	19°19	22°38	1°40	26°13	19°23	19°27	18°31	n.a.	T 27
F 28	17 41 39	24°13'33	27°17	21°28	12°27	22°31	13°20	19°21	22°40	1°39	26°13	19°11	19°24	18°38	n.a.	F 28
S 29	17 45 36	25°10'59	10♑25	22°20	13° 4	23°10	13°30	19°23	22°43	1°37	26°12	18°59	19°21	18°45	n.a.	S 29
S 30	17 49 32	26♊ 8'26	23♑14	23♋ 8	13♉42	23♊48	13♌41	19♍26	22♌45	1♐36	26♒12	18♓48	19♓18	18♓51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 9	28s47	4s58	24n43	1n58	11n27	2s31	22n20	0n49	19n32	1n20	6n57	2n42	15n11	0n47	19s46	1n14	28s41	16s51	3s20	3s42	6s11		n.a.
S 2	20 21	27 34	4 38	24 56	1 58	11 13	2 40	22 27	0 49	19 30	1 20	6 57	2 42	15 11	0 47	19 46	1 14	28 41	16 52	3 23	3 43	6 7		n.a.
M 3	20 34	24 57	4 5	25 7	1 57	11 1	2 50	22 34	0 50	19 27	1 20	6 57	2 41	15 10	0 47	19 46	1 14	28 41	16 52	3 26	3 44	6 4		n.a.
T 4	20 46	21 14	3 21	25 16	1 56	10 50	2 58	22 41	0 50	19 25	1 20	6 57	2 41	15 10	0 47	19 45	1 14	28 42	16 53	3 28	3 45	6 0		n.a.
W 5	20 57	16 42	2 29	25 23	1 54	10 40	3 7	22 48	0 50	19 23	1 19	6 56	2 41	15 10	0 47	19 45	1 14	28 42	16 53	3 28	3 47	5 57		n.a.
T 6	21 9	11 36	1 31	25 27	1 51	10 31	3 14	22 54	0 51	19 20	1 19	6 56	2 41	15 9	0 47	19 45	1 14	28 42	16 53	3 29	3 48	5 54		n.a.
F 7	21 20	6 8	0 29	25 29	1 48	10 24	3 22	23 1	0 51	19 18	1 19	6 56	2 40	15 9	0 47	19 44	1 14	28 43	16 54	3 29	3 49	5 50		n.a.
S 8	21 30	0 26	0n33	25 30	1 45	10 17	3 28	23 7	0 51	19 15	1 19	6 55	2 40	15 8	0 47	19 44	1 14	28 43	16 54	3 29	3 50	5 47		n.a.
S 9	21 41	5n18	1 35	25 28	1 40	10 12	3 35	23 13	0 52	19 13	1 19	6 55	2 40	15 7	0 47	19 44	1 14	28 43	16 54	3 29	3 52	5 43		n.a.
M10	21 51	10 56	2 33	25 25	1 36	10 8	3 41	23 19	0 52	19 10	1 19	6 54	2 40	15 7	0 47	19 43	1 14	28 44	16 55	3 31	3 53	5 40		n.a.
T 11	22 0	16 16	3 26	25 21	1 31	10 6	3 46	23 25	0 52	19 8	1 18	6 54	2 39	15 6	0 47	19 43	1 14	28 44	16 55	3 33	3 54	5 36		n.a.
W12	22 9	21 2	4 9	25 14	1 25	10 4	3 51	23 31	0 53	19 5	1 18	6 53	2 39	15 6	0 47	19 43	1 14	28 45	16 56	3 36	3 56	5 33		n.a.
T 13	22 18	24 56	4 40	25 6	1 19	10 3	3 56	23 36	0 53	19 2	1 18	6 53	2 39	15 5	0 47	19 42	1 13	28 45	16 56	3 41	3 57	5 30		n.a.
F 14	22 26	27 37	4 58	24 57	1 12	10 4	4 0	23 41	0 54	19 0	1 18	6 52	2 38	15 5	0 46	19 42	1 13	28 45	16 56	3 45	3 58	5 26		n.a.
S 15	22 34	28 46	4 59	24 46	1 5	10 5	4 4	23 46	0 54	18 57	1 18	6 51	2 38	15 4	0 46	19 42	1 13	28 46	16 57	3 50	3 59	5 23		n.a.
S 16	22 42	28 10	4 43	24 34	0 58	10 8	4 8	23 51	0 54	18 54	1 18	6 51	2 38	15 3	0 46	19 42	1 13	28 46	16 57	3 55	4 1	5 19		n.a.
M17	22 49	25 49	4 11	24 21	0 50	10 11	4 11	23 56	0 55	18 51	1 18	6 50	2 38	15 3	0 46	19 41	1 13	28 47	16 57	3 58	4 2	5 16		n.a.
T 18	22 56	21 53	3 23	24 7	0 42	10 15	4 14	24 0	0 55	18 49	1 17	6 49	2 37	15 2	0 46	19 41	1 13	28 47	16 58	4 1	4 3	5 12		n.a.
W19	23 3	16 41	2 23	23 52	0 33	10 20	4 16	24 5	0 55	18 46	1 17	6 48	2 37	15 1	0 46	19 41	1 13	28 47	16 58	4 2	4 4	5 9		n.a.
T 20	23 9	10 35	1 13	23 36	0 24	10 26	4 19	24 9	0 56	18 43	1 17	6 47	2 37	15 0	0 46	19 40	1 13	28 48	16 58	4 3	4 6	5 5		n.a.
F 21	23 14	3 58	0s 1	23 19	0 15	10 32	4 20	24 13	0 56	18 40	1 17	6 46	2 37	15 0	0 46	19 40	1 13	28 48	16 59	4 3	4 7	5 2		n.a.
S 22	23 19	2s51	1 15	23 2	0 5	10 40	4 22	24 17	0 56	18 37	1 17	6 45	2 36	14 59	0 46	19 40	1 13	28 49	16 59	4 3	4 8	4 59		n.a.
S 23	23 24	9 31	2 24	22 43	0s 5	10 47	4 23	24 20	0 57	18 34	1 17	6 44	2 36	14 58	0 46	19 40	1 13	28 49	17 0	4 3	4 9	4 55		n.a.
M24	23 29	15 41	3 24	22 25	0 15	10 56	4 24	24 23	0 57	18 31	1 17	6 43	2 36	14 58	0 46	19 39	1 13	28 50	17 0	4 5	4 11	4 52		n.a.
T 25	23 33	21 1	4 12	22 6	0 26	11 5	4 25	24 27	0 57	18 28	1 17	6 42	2 36	14 57	0 46	19 39	1 13	28 50	17 0	4 8	4 12	4 48		n.a.
W26	23 36	25 9	4 44	21 46	0 37	11 15	4 26	24 30	0 58	18 25	1 16	6 41	2 35	14 56	0 46	19 39	1 13	28 50	17 1	4 11	4 13	4 45		n.a.
T 27	23 39	27 47	4 59	21 27	0 48	11 26	4 26	24 32	0 58	18 22	1 16	6 40	2 35	14 55	0 46	19 38	1 13	28 51	17 1	4 16	4 15	4 41		n.a.
F 28	23 42	28 46	4 57	21 7	0 59	11 36	4 26	24 35	0 58	18 18	1 16	6 39	2 35	14 54	0 46	19 38	1 13	28 51	17 1	4 21	4 16	4 38		n.a.
S 29	23 45	28 4	4 40	20 47	1 11	11 48	4 26	24 38	0 58	18 15	1 16	6 38	2 35	14 53	0 46	19 38	1 13	28 52	17 2	4 26	4 17	4 34		n.a.
S 30	23n46	25s53	4s 9	20n28	1s22	12n 0	4s25	24n40	0n59	18n12	1n16	6n37	2n34	14n53	0n46	19s38	1n13	28s52	17s 2	4s30	4s18	4s31		n.a.

Julian Day Number = 1305189.5, Delta T = 07h46m41s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'21, Lahiri = -19°41'20 Julian Calendar 1 June 1140 BCE == Greg. Calendar 21 May 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

JULY 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 53 29	27♊ 5'54	5♒46	23♋53	14♉22	24♊26	13♌52	19♍28	22♌48	1°R34	26°R11	18°R40	19♓14	18♓58	n.a.	M 1
T 2	17 57 26	28° 3'24	18° 1	24°35	15° 2	25° 4	14° 2	19°31	22°50	1♐33	26♒11	18♓34	19°11	19° 5	n.a.	T 2
W 3	18 1 22	29° 0'56	0♓ 2	25°13	15°44	25°43	14°13	19°34	22°53	1°31	26°10	18°31	19° 8	19°11	n.a.	W 3
T 4	18 5 19	29°58'28	11°55	25°47	16°26	26°21	14°24	19°37	22°56	1°30	26°10	18°30	19° 5	19°18	n.a.	T 4
F 5	18 9 15	0♋56'03	23°43	26°17	17°10	26°59	14°35	19°40	22°58	1°29	26° 9	18°D30	19° 2	19°25	n.a.	F 5
S 6	18 13 12	1°53'39	5♈33	26°42	17°54	27°37	14°46	19°43	23° 1	1°27	26° 8	18°R30	18°59	19°31	n.a.	S 6
S 7	18 17 8	2°51'17	17°29	27° 3	18°40	28°16	14°57	19°46	23° 4	1°26	26° 8	18°29	18°55	19°38	n.a.	S 7
M 8	18 21 5	3°48'57	29°37	27°19	19°26	28°54	15° 9	19°49	23° 6	1°25	26° 7	18°26	18°52	19°44	n.a.	M 8
T 9	18 25 1	4°46'38	12♉ 1	27°30	20°13	29°32	15°20	19°52	23° 9	1°23	26° 7	18°21	18°49	19°51	n.a.	T 9
W10	18 28 58	5°44'21	24°46	27°36	21° 1	0♋10	15°31	19°55	23°12	1°22	26° 6	18°14	18°46	19°58	n.a.	W10
T 11	18 32 55	6°42'06	7♊52	27°R37	21°50	0°49	15°43	19°59	23°15	1°21	26° 5	18° 4	18°43	20° 4	n.a.	T 11
F 12	18 36 51	7°39'53	21°22	27°32	22°39	1°27	15°54	20° 2	23°18	1°20	26° 5	17°53	18°39	20°11	n.a.	F 12
S 13	18 40 48	8°37'41	5♋12	27°21	23°29	2° 5	16° 6	20° 6	23°21	1°18	26° 4	17°42	18°36	20°18	n.a.	S 13
S 14	18 44 44	9°35'31	19°18	27° 4	24°20	2°43	16°17	20°10	23°24	1°17	26° 3	17°32	18°33	20°24	n.a.	S 14
M15	18 48 41	10°33'22	3♌37	26°42	25°11	3°21	16°29	20°14	23°27	1°16	26° 2	17°24	18°30	20°31	n.a.	M15
T 16	18 52 37	11°31'15	18° 2	26°14	26° 4	4° 0	16°41	20°17	23°30	1°15	26° 1	17°18	18°27	20°38	n.a.	T 16
W17	18 56 34	12°29'10	2♍27	25°40	26°56	4°38	16°52	20°21	23°33	1°14	26° 1	17°15	18°24	20°44	n.a.	W17
T 18	19 0 30	13°27'06	16°49	25° 1	27°50	5°16	17° 4	20°25	23°36	1°13	26° 0	17°D15	18°20	20°51	n.a.	T 18
F 19	19 4 27	14°25'03	1♎ 4	24°18	28°43	5°54	17°16	20°29	23°39	1°12	25°59	17°15	18°17	20°58	n.a.	F 19
S 20	19 8 24	15°23'01	15°11	23°30	29°38	6°33	17°28	20°33	23°42	1°11	25°58	17°R15	18°14	21° 4	n.a.	S 20
S 21	19 12 20	16°21'01	29° 9	22°38	0♊33	7°11	17°40	20°38	23°46	1°10	25°57	17°15	18°11	21°11	n.a.	S 21
M22	19 16 17	17°19'03	12♏57	21°44	1°29	7°49	17°52	20°42	23°49	1° 9	25°56	17°12	18° 8	21°18	n.a.	M22
T 23	19 20 13	18°17'06	26°35	20°48	2°25	8°27	18° 4	20°46	23°52	1° 8	25°56	17° 7	18° 5	21°24	n.a.	T 23
W24	19 24 10	19°15'11	10♐ 1	19°52	3°21	9° 5	18°16	20°51	23°55	1° 7	25°55	17° 0	18° 1	21°31	n.a.	W24
T 25	19 28 6	20°13'18	23°16	18°56	4°18	9°44	18°28	20°55	23°59	1° 6	25°54	16°51	17°58	21°37	n.a.	T 25
F 26	19 32 3	21°11'26	6♑19	18° 2	5°16	10°22	18°41	21° 0	24° 2	1° 5	25°53	16°41	17°55	21°44	n.a.	F 26
S 27	19 35 59	22° 9'36	19° 7	17°11	6°14	11° 0	18°53	21° 5	24° 5	1° 4	25°52	16°31	17°52	21°51	n.a.	S 27
S 28	19 39 56	23° 7'48	1♒41	16°24	7°12	11°38	19° 5	21° 9	24° 9	1° 3	25°51	16°23	17°49	21°57	n.a.	S 28
M29	19 43 53	24° 6'02	14° 1	15°42	8°11	12°16	19°18	21°14	24°12	1° 2	25°50	16°16	17°46	22° 4	n.a.	M29
T 30	19 47 49	25° 4'18	26° 9	15° 7	9°10	12°55	19°30	21°19	24°16	1° 2	25°49	16°12	17°42	22°11	n.a.	T 30
W31	19 51 46	26♋ 2'36	8♓ 6	14♋39	10♊10	13♋33	19♌42	21♍24	24♌19	1♐ 1	25♒48	16♓10	17♓39	22♓17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n48	22s28	3s26	20n 8	1s34	12n12	4s25	24n42	0n59	18n 9	1n16	6n35	2n34	14n52	0n46	19s37	1n13	28s53	17s 2	4s33	4s20	4s27		n.a.
T 2	23 49	18 7	2 34	19 49	1 46	12 25	4 24	24 44	0 59	18 6	1 16	6 34	2 34	14 51	0 46	19 37	1 13	28 53	17 3	4 36	4 21	4 24		n.a.
W 3	23 50	13 8	1 36	19 30	1 58	12 38	4 23	24 45	1 0	18 2	1 16	6 33	2 34	14 50	0 46	19 37	1 13	28 54	17 3	4 37	4 22	4 21		n.a.
T 4	23 50	7 44	0 35	19 12	2 11	12 51	4 22	24 47	1 0	17 59	1 16	6 31	2 33	14 49	0 46	19 37	1 13	28 54	17 3	4 37	4 23	4 17		n.a.
F 5	23 50	2 7	0n28	18 54	2 23	13 5	4 20	24 48	1 0	17 56	1 15	6 30	2 33	14 48	0 46	19 36	1 13	28 55	17 4	4 37	4 25	4 14		n.a.
S 6	23 49	3n36	1 29	18 38	2 35	13 19	4 19	24 49	1 1	17 52	1 15	6 29	2 33	14 47	0 46	19 36	1 13	28 55	17 4	4 37	4 26	4 10		n.a.
S 7	23 48	9 14	2 28	18 22	2 47	13 33	4 17	24 50	1 1	17 49	1 15	6 27	2 33	14 46	0 46	19 36	1 13	28 56	17 4	4 38	4 27	4 7		n.a.
M 8	23 47	14 38	3 20	18 7	2 59	13 47	4 15	24 51	1 1	17 45	1 15	6 26	2 32	14 45	0 46	19 36	1 13	28 56	17 5	4 39	4 28	4 3		n.a.
T 9	23 45	19 33	4 4	17 53	3 10	14 2	4 13	24 51	1 1	17 42	1 15	6 24	2 32	14 44	0 46	19 35	1 13	28 57	17 5	4 41	4 30	4 0		n.a.
W10	23 42	23 45	4 38	17 41	3 22	14 16	4 11	24 52	1 2	17 38	1 15	6 23	2 32	14 43	0 46	19 35	1 13	28 57	17 5	4 44	4 31	3 56		n.a.
T 11	23 40	26 52	4 58	17 31	3 32	14 31	4 9	24 52	1 2	17 35	1 15	6 21	2 32	14 42	0 46	19 35	1 13	28 58	17 5	4 47	4 32	3 53		n.a.
F 12	23 36	28 34	5 2	17 22	3 43	14 46	4 6	24 52	1 2	17 31	1 15	6 19	2 32	14 41	0 46	19 35	1 13	28 59	17 6	4 52	4 33	3 49		n.a.
S 13	23 33	28 32	4 49	17 14	3 52	15 1	4 4	24 52	1 3	17 28	1 15	6 18	2 31	14 40	0 46	19 34	1 13	28 59	17 6	4 56	4 35	3 46		n.a.
S 14	23 29	26 40	4 18	17 9	4 1	15 16	4 1	24 51	1 3	17 24	1 15	6 16	2 31	14 39	0 45	19 34	1 13	29 0	17 6	5 0	4 36	3 43		n.a.
M15	23 24	23 4	3 30	17 5	4 9	15 31	3 58	24 51	1 3	17 20	1 15	6 14	2 31	14 38	0 45	19 34	1 13	29 0	17 7	5 3	4 37	3 39		n.a.
T 16	23 19	18 2	2 29	17 4	4 16	15 47	3 55	24 50	1 3	17 17	1 14	6 13	2 31	14 37	0 45	19 34	1 13	29 1	17 7	5 6	4 39	3 36		n.a.
W17	23 14	11 59	1 18	17 5	4 21	16 2	3 52	24 49	1 4	17 13	1 14	6 11	2 30	14 36	0 45	19 34	1 13	29 1	17 7	5 7	4 40	3 32		n.a.
T 18	23 8	5 19	0 2	17 8	4 25	16 17	3 49	24 47	1 4	17 9	1 14	6 9	2 30	14 35	0 45	19 33	1 12	29 2	17 7	5 7	4 41	3 29		n.a.
F 19	23 2	1s33	1s13	17 13	4 28	16 32	3 46	24 46	1 4	17 5	1 14	6 7	2 30	14 34	0 45	19 33	1 12	29 2	17 8	5 7	4 42	3 25		n.a.
S 20	22 56	8 17	2 23	17 20	4 29	16 47	3 43	24 45	1 5	17 2	1 14	6 5	2 30	14 33	0 45	19 33	1 12	29 3	17 8	5 7	4 44	3 22		n.a.
S 21	22 49	14 32	3 24	17 30	4 28	17 2	3 39	24 43	1 5	16 58	1 14	6 3	2 30	14 32	0 45	19 33	1 12	29 3	17 8	5 7	4 45	3 18		n.a.
M22	22 41	19 59	4 13	17 41	4 25	17 17	3 36	24 41	1 5	16 54	1 14	6 1	2 29	14 31	0 45	19 33	1 12	29 4	17 8	5 8	4 46	3 15		n.a.
T 23	22 34	24 20	4 46	17 55	4 20	17 31	3 32	24 39	1 5	16 50	1 14	6 0	2 29	14 30	0 45	19 33	1 12	29 5	17 9	5 10	4 47	3 11		n.a.
W24	22 25	27 18	5 3	18 10	4 13	17 46	3 28	24 36	1 6	16 46	1 14	5 58	2 29	14 29	0 45	19 32	1 12	29 5	17 9	5 13	4 49	3 8		n.a.
T 25	22 17	28 42	5 3	18 26	4 4	18 0	3 24	24 34	1 6	16 42	1 14	5 56	2 29	14 27	0 45	19 32	1 12	29 6	17 9	5 17	4 50	3 4		n.a.
F 26	22 8	28 28	4 48	18 44	3 54	18 14	3 21	24 31	1 6	16 38	1 14	5 54	2 29	14 26	0 45	19 32	1 12	29 6	17 9	5 20	4 51	3 1		n.a.
S 27	21 59	26 42	4 18	19 3	3 41	18 28	3 17	24 28	1 6	16 35	1 14	5 51	2 28	14 25	0 45	19 32	1 12	29 7	17 10	5 24	4 52	2 57		n.a.
S 28	21 49	23 37	3 36	19 23	3 27	18 42	3 13	24 25	1 7	16 31	1 14	5 49	2 28	14 24	0 45	19 32	1 12	29 7	17 10	5 28	4 54	2 54		n.a.
M29	21 39	19 30	2 44	19 43	3 12	18 56	3 9	24 22	1 7	16 27	1 14	5 47	2 28	14 23	0 45	19 32	1 12	29 8	17 10	5 30	4 55	2 50		n.a.
T 30	21 28	14 40	1 46	20 3	2 56	19 9	3 5	24 18	1 7	16 23	1 14	5 45	2 28	14 22	0 45	19 32	1 12	29 8	17 10	5 32	4 56	2 47		n.a.
W31	21n17	9s20	0s43	20n23	2s39	19n22	3s 0	24n15	1n 7	16n19	1n14	5n43	2n28	14n20	0n45	19s32	1n12	29s 9	17s10	5s33	4s57	2s44		n.a.

Julian Day Number = 1305219.5, Delta T = 07h46m39s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'17, Lahiri = -19°41'16 Julian Calendar 1 July 1140 BCE == Greg. Calendar 20 June 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

AUGUST 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 42	27♋ 0'56	19♓57	14°R19	11♊10	14♋11	19♌55	21♍29	24♌22	1°R 0	25°R47	16°D 9	17♓36	22♓24	n.a.	T 1
F 2	19 59 39	27°59'18	1♈44	14♋ 7	12°11	14°49	20° 7	21°34	24°26	0♐59	25♒46	16♓10	17°33	22°31	n.a.	F 2
S 3	20 3 35	28°57'42	13°33	14°D 4	13°11	15°27	20°20	21°39	24°29	0°59	25°45	16°12	17°30	22°37	n.a.	S 3
S 4	20 7 32	29°56'09	25°28	14°10	14°13	16° 6	20°33	21°44	24°33	0°58	25°44	16°R13	17°26	22°44	n.a.	S 4
M 5	20 11 28	0♌54'38	7♉35	14°25	15°14	16°44	20°45	21°49	24°37	0°57	25°43	16°13	17°23	22°51	n.a.	M 5
T 6	20 15 25	1°53'10	19°59	14°50	16°16	17°22	20°58	21°55	24°40	0°57	25°42	16°11	17°20	22°57	n.a.	T 6
W 7	20 19 22	2°51'43	2♊44	15°23	17°18	18° 0	21°11	22° 0	24°44	0°56	25°41	16° 7	17°17	23° 4	n.a.	W 7
T 8	20 23 18	3°50'19	15°54	16° 5	18°21	18°39	21°23	22° 6	24°47	0°56	25°40	16° 2	17°14	23°11	n.a.	T 8
F 9	20 27 15	4°48'58	29°29	16°55	19°24	19°17	21°36	22°11	24°51	0°55	25°39	15°56	17°11	23°17	n.a.	F 9
S 10	20 31 11	5°47'39	13♋30	17°53	20°27	19°55	21°49	22°17	24°55	0°55	25°37	15°49	17° 7	23°24	n.a.	S 10
S 11	20 35 8	6°46'22	27°53	18°58	21°31	20°33	22° 2	22°22	24°58	0°54	25°36	15°43	17° 4	23°30	n.a.	S 11
M12	20 39 4	7°45'07	12♌33	20°10	22°34	21°12	22°15	22°28	25° 2	0°54	25°35	15°38	17° 1	23°37	n.a.	M12
T 13	20 43 1	8°43'54	27°21	21°27	23°39	21°50	22°27	22°34	25° 6	0°54	25°34	15°35	16°58	23°44	n.a.	T 13
W14	20 46 57	9°42'43	12♍11	22°51	24°43	22°28	22°40	22°39	25° 9	0°53	25°33	15°D34	16°55	23°50	n.a.	W14
T 15	20 50 54	10°41'34	26°56	24°19	25°47	23° 6	22°53	22°45	25°13	0°53	25°32	15°35	16°51	23°57	n.a.	T 15
F 16	20 54 50	11°40'27	11♎29	25°51	26°52	23°45	23° 6	22°51	25°17	0°53	25°31	15°36	16°48	24° 4	n.a.	F 16
S 17	20 58 47	12°39'22	25°47	27°27	27°57	24°23	23°19	22°57	25°20	0°52	25°30	15°37	16°45	24°10	n.a.	S 17
S 18	21 2 44	13°38'18	9♏48	29° 6	29° 3	25° 1	23°32	23° 3	25°24	0°52	25°28	15°R38	16°42	24°17	n.a.	S 18
M19	21 6 40	14°37'17	23°31	0♌47	0♋ 9	25°39	23°45	23° 9	25°28	0°52	25°27	15°38	16°39	24°24	n.a.	M19
T 20	21 10 37	15°36'18	6♐57	2°30	1°14	26°18	23°58	23°15	25°32	0°52	25°26	15°36	16°36	24°30	n.a.	T 20
W21	21 14 33	16°35'20	20° 7	4°15	2°20	26°56	24°11	23°21	25°35	0°52	25°25	15°33	16°32	24°37	n.a.	W21
T 22	21 18 30	17°34'25	3♑ 3	6° 2	3°27	27°34	24°24	23°27	25°39	0°52	25°24	15°29	16°29	24°44	n.a.	T 22
F 23	21 22 26	18°33'31	15°44	7°49	4°33	28°13	24°37	23°33	25°43	0°52	25°23	15°25	16°26	24°50	n.a.	F 23
S 24	21 26 23	19°32'39	28°13	9°37	5°40	28°51	24°50	23°39	25°47	0°D52	25°21	15°20	16°23	24°57	n.a.	S 24
S 25	21 30 19	20°31'50	10♒31	11°25	6°47	29°29	25° 3	23°46	25°51	0°52	25°20	15°17	16°20	25° 4	n.a.	S 25
M26	21 34 16	21°31'02	22°38	13°13	7°54	0♌ 7	25°16	23°52	25°54	0°52	25°19	15°14	16°17	25°10	n.a.	M26
T 27	21 38 13	22°30'17	4♓37	15° 1	9° 2	0°46	25°30	23°58	25°58	0°52	25°18	15°12	16°13	25°17	n.a.	T 27
W28	21 42 9	23°29'34	16°30	16°49	10° 9	1°24	25°43	24° 5	26° 2	0°52	25°17	15°D12	16°10	25°23	n.a.	W28
T 29	21 46 6	24°28'53	28°18	18°37	11°17	2° 2	25°56	24°11	26° 6	0°52	25°15	15°12	16° 7	25°30	n.a.	T 29
F 30	21 50 2	25°28'15	10♈ 4	20°24	12°25	2°41	26° 9	24°18	26°10	0°52	25°14	15°14	16° 4	25°37	n.a.	F 30
S 31	21 53 59	26♌27'39	21♈53	22♌11	13♋33	3♌19	26♌22	24♍24	26♌13	0♐52	25♒13	15♓15	16♓ 1	25♓43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n 6	3s44	0n20	20n43	2s21	19n35	2s56	24n11	1n 8	16n14	1n13	5n41	2n27	14n19	0n45	19s31	1n12	29s 9	17s11	5s33	4s59	2s40		n.a.
F 2	20 54	1n58	1 23	21 2	2 3	19 47	2 52	24 7	1 8	16 10	1 13	5 39	2 27	14 18	0 45	19 31	1 12	29 10	17 11	5 33	5 0	2 37		n.a.
S 3	20 42	7 37	2 23	21 21	1 44	19 59	2 48	24 3	1 8	16 6	1 13	5 36	2 27	14 17	0 45	19 31	1 12	29 11	17 11	5 32	5 1	2 33		n.a.
S 4	20 30	13 3	3 17	21 39	1 26	20 11	2 43	23 58	1 8	16 2	1 13	5 34	2 27	14 16	0 45	19 31	1 12	29 11	17 11	5 32	5 2	2 30		n.a.
M 5	20 17	18 5	4 3	21 55	1 8	20 22	2 39	23 54	1 8	15 58	1 13	5 32	2 27	14 14	0 45	19 31	1 12	29 12	17 11	5 32	5 4	2 26		n.a.
T 6	20 4	22 29	4 38	22 10	0 50	20 33	2 35	23 49	1 9	15 54	1 13	5 30	2 26	14 13	0 45	19 31	1 12	29 12	17 11	5 32	5 5	2 23		n.a.
W 7	19 50	25 58	5 2	22 23	0 33	20 44	2 30	23 44	1 9	15 50	1 13	5 27	2 26	14 12	0 45	19 31	1 12	29 13	17 12	5 34	5 6	2 19		n.a.
T 8	19 37	28 12	5 10	22 35	0 16	20 54	2 26	23 39	1 9	15 45	1 13	5 25	2 26	14 11	0 45	19 31	1 12	29 13	17 12	5 36	5 7	2 16		n.a.
F 9	19 22	28 51	5 1	22 44	0 1	21 3	2 21	23 34	1 9	15 41	1 13	5 23	2 26	14 9	0 45	19 31	1 12	29 14	17 12	5 38	5 9	2 12		n.a.
S 10	19 8	27 41	4 35	22 51	0n14	21 13	2 17	23 28	1 10	15 37	1 13	5 20	2 26	14 8	0 45	19 31	1 11	29 14	17 12	5 41	5 10	2 9		n.a.
S 11	18 53	24 41	3 50	22 55	0 28	21 22	2 12	23 23	1 10	15 33	1 13	5 18	2 26	14 7	0 45	19 31	1 11	29 15	17 12	5 43	5 11	2 5		n.a.
M12	18 38	20 2	2 50	22 57	0 40	21 30	2 8	23 17	1 10	15 29	1 13	5 16	2 25	14 6	0 45	19 31	1 11	29 15	17 12	5 45	5 13	2 2		n.a.
T 13	18 22	14 7	1 38	22 57	0 52	21 38	2 3	23 11	1 10	15 24	1 13	5 13	2 25	14 4	0 45	19 31	1 11	29 16	17 12	5 46	5 14	1 58		n.a.
W14	18 7	7 23	0 18	22 53	1 3	21 45	1 58	23 5	1 10	15 20	1 13	5 11	2 25	14 3	0 45	19 31	1 11	29 16	17 13	5 47	5 15	1 55		n.a.
T 15	17 50	0 18	1s 2	22 47	1 12	21 52	1 54	22 59	1 11	15 16	1 13	5 8	2 25	14 2	0 45	19 31	1 11	29 17	17 13	5 47	5 16	1 51		n.a.
F 16	17 34	6s42	2 17	22 38	1 20	21 59	1 49	22 52	1 11	15 11	1 13	5 6	2 25	14 1	0 45	19 31	1 11	29 17	17 13	5 46	5 18	1 48		n.a.
S 17	17 17	13 15	3 22	22 27	1 28	22 4	1 45	22 46	1 11	15 7	1 13	5 3	2 25	13 59	0 45	19 31	1 11	29 18	17 13	5 46	5 19	1 44		n.a.
S 18	17 0	19 0	4 14	22 12	1 34	22 10	1 40	22 39	1 11	15 3	1 13	5 1	2 25	13 58	0 45	19 31	1 11	29 18	17 13	5 45	5 20	1 41		n.a.
M19	16 43	23 38	4 50	21 56	1 39	22 15	1 35	22 32	1 11	14 58	1 13	4 58	2 24	13 57	0 45	19 31	1 11	29 19	17 13	5 45	5 21	1 38		n.a.
T 20	16 25	26 55	5 10	21 36	1 44	22 19	1 31	22 25	1 12	14 54	1 13	4 56	2 24	13 55	0 45	19 31	1 11	29 19	17 13	5 46	5 23	1 34		n.a.
W21	16 7	28 39	5 12	21 14	1 47	22 23	1 26	22 17	1 12	14 49	1 13	4 53	2 24	13 54	0 45	19 31	1 11	29 20	17 13	5 47	5 24	1 31		n.a.
T 22	15 49	28 46	4 59	20 50	1 49	22 26	1 22	22 10	1 12	14 45	1 13	4 50	2 24	13 53	0 45	19 31	1 11	29 20	17 13	5 49	5 25	1 27		n.a.
F 23	15 31	27 22	4 31	20 24	1 51	22 28	1 17	22 2	1 12	14 41	1 13	4 48	2 24	13 51	0 45	19 31	1 11	29 21	17 13	5 50	5 26	1 24		n.a.
S 24	15 12	24 37	3 50	19 56	1 52	22 30	1 12	21 54	1 12	14 36	1 13	4 45	2 24	13 50	0 45	19 31	1 11	29 21	17 13	5 52	5 28	1 20		n.a.
S 25	14 53	20 46	2 59	19 26	1 52	22 32	1 8	21 47	1 13	14 32	1 13	4 42	2 24	13 49	0 45	19 31	1 11	29 22	17 13	5 54	5 29	1 17		n.a.
M26	14 34	16 6	2 1	18 55	1 52	22 32	1 3	21 38	1 13	14 27	1 13	4 40	2 24	13 48	0 45	19 31	1 11	29 22	17 13	5 55	5 30	1 13		n.a.
T 27	14 14	10 52	0 58	18 22	1 51	22 32	0 59	21 30	1 13	14 23	1 13	4 37	2 23	13 46	0 45	19 31	1 11	29 23	17 13	5 55	5 31	1 10		n.a.
W28	13 55	5 18	0n 7	17 47	1 49	22 32	0 54	21 22	1 13	14 18	1 13	4 35	2 23	13 45	0 45	19 31	1 11	29 23	17 13	5 56	5 33	1 6		n.a.
T 29	13 35	0n24	1 12	17 12	1 47	22 31	0 50	21 13	1 13	14 14	1 13	4 32	2 23	13 44	0 45	19 31	1 11	29 24	17 13	5 55	5 34	1 3		n.a.
F 30	13 14	6 5	2 13	16 35	1 45	22 29	0 45	21 4	1 13	14 9	1 13	4 29	2 23	13 42	0 45	19 31	1 10	29 24	17 13	5 55	5 35	0 59		n.a.
S 31	12n54	11n35	3n 9	15n57	1n42	22n27	0s41	20n56	1n14	14n 5	1n13	4n26	2n23	13n41	0n45	19s31	1n10	29s25	17s13	5s54	5s36	0s56		n.a.

Julian Day Number = 1305250.5, Delta T = 07h46m38s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'12, Lahiri = -19°41'12 Julian Calendar 1 Aug. 1140 BCE == Greg. Calendar 21 July 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

SEPTEMBER 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 55	27♌27'05	3♉49	23♌57	14♋42	3♌57	26♌35	24♍31	26♌17	0♐53	25°R12	15♓17	15♓57	25♓50	n.a.	S 1
M 2	22 1 52	28°26'34	15°55	25°43	15°50	4°36	26°48	24°37	26°21	0°53	25♒11	15°18	15°54	25°57	n.a.	M 2
T 3	22 5 48	29°26'05	28°16	27°28	16°59	5°14	27° 1	24°44	26°25	0°53	25° 9	15°R18	15°51	26° 3	n.a.	T 3
W 4	22 9 45	0♍25'39	10♊57	29°12	18° 8	5°52	27°14	24°51	26°29	0°54	25° 8	15°18	15°48	26°10	n.a.	W 4
T 5	22 13 41	1°25'15	24° 1	0♍56	19°17	6°31	27°27	24°57	26°32	0°54	25° 7	15°17	15°45	26°17	n.a.	T 5
F 6	22 17 38	2°24'54	7♋32	2°39	20°27	7° 9	27°40	25° 4	26°36	0°54	25° 6	15°16	15°42	26°23	n.a.	F 6
S 7	22 21 35	3°24'35	21°31	4°21	21°36	7°48	27°54	25°11	26°40	0°55	25° 5	15°14	15°38	26°30	n.a.	S 7
S 8	22 25 31	4°24'19	5♌56	6° 3	22°46	8°26	28° 7	25°17	26°44	0°55	25° 4	15°13	15°35	26°37	n.a.	S 8
M 9	22 29 28	5°24'04	20°42	7°44	23°56	9° 4	28°20	25°24	26°48	0°56	25° 2	15°12	15°32	26°43	n.a.	M 9
T 10	22 33 24	6°23'52	5♍44	9°24	25° 5	9°43	28°33	25°31	26°51	0°56	25° 1	15°11	15°29	26°50	n.a.	T 10
W11	22 37 21	7°23'42	20°53	11° 4	26°16	10°21	28°46	25°38	26°55	0°57	25° 0	15°D11	15°26	26°57	n.a.	W11
T 12	22 41 17	8°23'34	5♎58	12°43	27°26	10°59	28°59	25°45	26°59	0°58	24°59	15°11	15°23	27° 3	n.a.	T 12
F 13	22 45 14	9°23'28	20°53	14°21	28°36	11°38	29°12	25°51	27° 3	0°58	24°58	15°12	15°19	27°10	n.a.	F 13
S 14	22 49 10	10°23'24	5♏29	15°59	29°47	12°16	29°25	25°58	27° 6	0°59	24°57	15°12	15°16	27°16	n.a.	S 14
S 15	22 53 7	11°23'22	19°44	17°36	0♌57	12°55	29°38	26° 5	27°10	1° 0	24°56	15°13	15°13	27°23	n.a.	S 15
M16	22 57 3	12°23'21	3♐33	19°13	2° 8	13°33	29°51	26°12	27°14	1° 0	24°54	15°13	15°10	27°30	n.a.	M16
T 17	23 1 0	13°23'23	16°59	20°49	3°19	14°12	0♍ 4	26°19	27°18	1° 1	24°53	15°R13	15° 7	27°36	n.a.	T 17
W18	23 4 57	14°23'26	0♑ 3	22°24	4°30	14°50	0°17	26°26	27°21	1° 2	24°52	15°13	15° 3	27°43	n.a.	W18
T 19	23 8 53	15°23'30	12°47	23°59	5°41	15°28	0°30	26°33	27°25	1° 3	24°51	15°D13	15° 0	27°50	n.a.	T 19
F 20	23 12 50	16°23'37	25°15	25°33	6°52	16° 7	0°43	26°40	27°29	1° 4	24°50	15°13	14°57	27°56	n.a.	F 20
S 21	23 16 46	17°23'45	7♒29	27° 7	8° 4	16°45	0°55	26°47	27°32	1° 5	24°49	15°13	14°54	28° 3	n.a.	S 21
S 22	23 20 43	18°23'55	19°33	28°40	9°15	17°24	1° 8	26°54	27°36	1° 6	24°48	15°13	14°51	28°10	n.a.	S 22
M23	23 24 39	19°24'07	1♓30	0♎13	10°27	18° 2	1°21	27° 1	27°40	1° 7	24°47	15°14	14°48	28°16	n.a.	M23
T 24	23 28 36	20°24'21	13°22	1°46	11°39	18°41	1°34	27° 8	27°43	1° 8	24°46	15°R14	14°44	28°23	n.a.	T 24
W25	23 32 32	21°24'37	25°10	3°18	12°51	19°19	1°46	27°15	27°47	1° 9	24°45	15°14	14°41	28°30	n.a.	W25
T 26	23 36 29	22°24'54	6♈58	4°49	14° 2	19°58	1°59	27°22	27°50	1°10	24°44	15°13	14°38	28°36	n.a.	T 26
F 27	23 40 26	23°25'14	18°47	6°20	15°15	20°36	2°12	27°29	27°54	1°11	24°43	15°12	14°35	28°43	n.a.	F 27
S 28	23 44 22	24°25'35	0♉40	7°51	16°27	21°15	2°25	27°36	27°57	1°12	24°42	15°11	14°32	28°50	n.a.	S 28
S 29	23 48 19	25°25'59	12°40	9°21	17°39	21°53	2°37	27°43	28° 1	1°13	24°41	15°10	14°28	28°56	n.a.	S 29
M30	23 52 15	26♍26'24	24♉49	10♎51	18♌51	22♌32	2♍50	27♍50	28♌ 4	1♐14	24♒40	15♓ 8	14♓25	29♓ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n33	16n42	3n58	15n18	1n38	22n24	0s37	20n47	1n14	14n 0	1n13	4n24	2n23	13n40	0n45	19s31	1n10	29s25	17s13	5s54	5s38	0s52		n.a.
M 2	12 13	21 16	4 36	14 38	1 34	22 20	0 32	20 37	1 14	13 56	1 13	4 21	2 23	13 38	0 45	19 31	1 10	29 25	17 13	5 53	5 39	0 49		n.a.
T 3	11 51	25 1	5 3	13 58	1 30	22 16	0 28	20 28	1 14	13 51	1 13	4 18	2 23	13 37	0 45	19 32	1 10	29 26	17 13	5 53	5 40	0 45		n.a.
W 4	11 30	27 40	5 16	13 17	1 26	22 11	0 24	20 19	1 14	13 47	1 13	4 15	2 23	13 36	0 45	19 32	1 10	29 26	17 13	5 53	5 41	0 42		n.a.
T 5	11 9	28 55	5 13	12 35	1 21	22 6	0 20	20 9	1 14	13 42	1 13	4 13	2 23	13 34	0 45	19 32	1 10	29 27	17 13	5 54	5 43	0 38		n.a.
F 6	10 47	28 30	4 53	11 53	1 16	22 0	0 15	19 59	1 15	13 37	1 13	4 10	2 22	13 33	0 45	19 32	1 10	29 27	17 13	5 54	5 44	0 35		n.a.
S 7	10 25	26 17	4 16	11 10	1 11	21 53	0 11	19 49	1 15	13 33	1 13	4 7	2 22	13 32	0 45	19 32	1 10	29 27	17 13	5 55	5 45	0 31		n.a.
S 8	10 3	22 20	3 21	10 27	1 5	21 45	0 7	19 39	1 15	13 28	1 13	4 4	2 22	13 30	0 45	19 32	1 10	29 28	17 13	5 55	5 46	0 28		n.a.
M 9	9 41	16 54	2 12	9 44	1 0	21 37	0 3	19 29	1 15	13 24	1 14	4 2	2 22	13 29	0 45	19 32	1 10	29 28	17 13	5 56	5 48	0 25		n.a.
T 10	9 19	10 22	0 52	9 0	0 54	21 29	0n 1	19 19	1 15	13 19	1 14	3 59	2 22	13 28	0 45	19 33	1 10	29 28	17 13	5 56	5 49	0 21		n.a.
W11	8 56	3 11	0s32	8 16	0 48	21 19	0 5	19 9	1 15	13 15	1 14	3 56	2 22	13 27	0 45	19 33	1 10	29 29	17 13	5 56	5 50	0 18		n.a.
T 12	8 33	4s 8	1 53	7 32	0 42	21 9	0 8	18 58	1 16	13 10	1 14	3 53	2 22	13 25	0 45	19 33	1 10	29 29	17 13	5 56	5 51	0 14		n.a.
F 13	8 11	11 8	3 6	6 48	0 36	20 59	0 12	18 47	1 16	13 5	1 14	3 50	2 22	13 24	0 45	19 33	1 10	29 29	17 13	5 56	5 53	0 11		n.a.
S 14	7 48	17 24	4 5	6 4	0 29	20 48	0 16	18 36	1 16	13 1	1 14	3 47	2 22	13 23	0 45	19 33	1 10	29 30	17 13	5 55	5 54	0 7		n.a.
S 15	7 25	22 33	4 47	5 20	0 23	20 36	0 20	18 26	1 16	12 56	1 14	3 45	2 22	13 21	0 45	19 34	1 10	29 30	17 13	5 55	5 55	0 4		n.a.
M16	7 1	26 18	5 11	4 35	0 16	20 23	0 23	18 14	1 16	12 52	1 14	3 42	2 22	13 20	0 45	19 34	1 10	29 30	17 13	5 55	5 56	0 0		n.a.
T 17	6 38	28 27	5 18	3 51	0 10	20 10	0 27	18 3	1 16	12 47	1 14	3 39	2 22	13 19	0 45	19 34	1 10	29 31	17 12	5 55	5 58	0n 3		n.a.
W18	6 15	28 57	5 7	3 7	0 3	19 57	0 30	17 52	1 16	12 43	1 14	3 36	2 22	13 18	0 45	19 34	1 10	29 31	17 12	5 55	5 59	0 7		n.a.
T 19	5 51	27 53	4 42	2 23	0s 3	19 42	0 34	17 40	1 16	12 38	1 14	3 33	2 22	13 16	0 45	19 34	1 9	29 31	17 12	5 55	6 0	0 10		n.a.
F 20	5 27	25 26	4 4	1 39	0 10	19 28	0 37	17 29	1 17	12 33	1 14	3 30	2 22	13 15	0 45	19 35	1 9	29 32	17 12	5 55	6 1	0 14		n.a.
S 21	5 4	21 50	3 15	0 55	0 17	19 12	0 41	17 17	1 17	12 29	1 14	3 27	2 22	13 14	0 45	19 35	1 9	29 32	17 12	5 55	6 3	0 17		n.a.
S 22	4 40	17 22	2 18	0 11	0 23	18 56	0 44	17 5	1 17	12 24	1 14	3 25	2 22	13 12	0 45	19 35	1 9	29 32	17 12	5 55	6 4	0 21		n.a.
M23	4 16	12 17	1 16	0s33	0 30	18 40	0 47	16 54	1 17	12 20	1 14	3 22	2 22	13 11	0 45	19 35	1 9	29 32	17 12	5 55	6 5	0 24		n.a.
T 24	3 52	6 48	0 10	1 16	0 37	18 22	0 50	16 42	1 17	12 15	1 15	3 19	2 22	13 10	0 45	19 36	1 9	29 33	17 11	5 55	6 6	0 28		n.a.
W25	3 28	1 7	0n55	1 59	0 43	18 5	0 53	16 29	1 17	12 11	1 15	3 16	2 22	13 9	0 45	19 36	1 9	29 33	17 11	5 55	6 8	0 31		n.a.
T 26	3 3	4n36	1 58	2 42	0 50	17 47	0 56	16 17	1 17	12 6	1 15	3 13	2 21	13 7	0 45	19 36	1 9	29 33	17 11	5 55	6 9	0 35		n.a.
F 27	2 39	10 11	2 56	3 25	0 56	17 28	0 59	16 5	1 17	12 1	1 15	3 10	2 21	13 6	0 45	19 36	1 9	29 33	17 11	5 55	6 10	0 38		n.a.
S 28	2 15	15 25	3 46	4 7	1 3	17 9	1 2	15 52	1 17	11 57	1 15	3 7	2 21	13 5	0 45	19 37	1 9	29 33	17 11	5 56	6 11	0 41		n.a.
S 29	1 51	20 8	4 28	4 49	1 9	16 49	1 4	15 40	1 18	11 52	1 15	3 5	2 21	13 4	0 45	19 37	1 9	29 34	17 11	5 56	6 13	0 45		n.a.
M30	1n26	24n 5	4n57	5s31	1s15	16n29	1n 7	15n27	1n18	11n48	1n15	3n 2	2n21	13n 3	0n45	19s37	1n 9	29s34	17s10	5s57	6s14	0n48		n.a.

Julian Day Number = 1305281.5, Delta T = 07h46m36s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'08, Lahiri = -19°41'08 Julian Calendar 1 Sept. 1140 BCE == Greg. Calendar 21 Aug. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

OCTOBER 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 12	27♍26'52	7♊10	12♎20	20♌ 4	23♌10	3♍ 2	27♍58	28♌ 8	1♐15	24°R39	15°R 7	14♓22	29♓10	n.a.	T 1
W 2	0 0 8	28°27'21	19°48	13°49	21°17	23°49	3°15	28° 5	28°11	1°17	24♒38	15♓ 6	14°19	29°16	n.a.	W 2
T 3	0 4 5	29°27'53	2♋46	15°17	22°29	24°27	3°27	28°12	28°15	1°18	24°37	15°D 6	14°16	29°23	n.a.	T 3
F 4	0 8 1	0♎28'27	16° 8	16°45	23°42	25° 6	3°40	28°19	28°18	1°19	24°36	15° 6	14°13	29°29	n.a.	F 4
S 5	0 11 58	1°29'03	29°54	18°12	24°55	25°44	3°52	28°26	28°21	1°21	24°35	15° 7	14° 9	29°36	n.a.	S 5
S 6	0 15 55	2°29'40	14♌ 7	19°39	26° 8	26°23	4° 4	28°33	28°25	1°22	24°34	15° 9	14° 6	29°43	n.a.	S 6
M 7	0 19 51	3°30'20	28°44	21° 5	27°21	27° 2	4°17	28°40	28°28	1°23	24°33	15°10	14° 3	29°49	n.a.	M 7
T 8	0 23 48	4°31'01	13♍41	22°31	28°34	27°40	4°29	28°47	28°31	1°25	24°32	15°R10	14° 0	29°56	n.a.	T 8
W 9	0 27 44	5°31'44	28°52	23°56	29°47	28°19	4°41	28°54	28°35	1°26	24°31	15°10	13°57	0♈ 3	n.a.	W 9
T 10	0 31 41	6°32'29	14♎ 6	25°20	1♍ 0	28°57	4°53	29° 1	28°38	1°28	24°30	15° 8	13°54	0° 9	n.a.	T 10
F 11	0 35 37	7°33'15	29°14	26°43	2°14	29°36	5° 5	29° 8	28°41	1°29	24°30	15° 6	13°50	0°16	n.a.	F 11
S 12	0 39 34	8°34'03	14♏ 7	28° 5	3°27	0♍14	5°17	29°15	28°44	1°31	24°29	15° 3	13°47	0°23	n.a.	S 12
S 13	0 43 30	9°34'52	28°37	29°26	4°41	0°53	5°29	29°22	28°47	1°32	24°28	14°59	13°44	0°29	n.a.	S 13
M14	0 47 27	10°35'42	12♐40	0♏46	5°54	1°32	5°41	29°29	28°50	1°34	24°27	14°56	13°41	0°36	n.a.	M14
T 15	0 51 24	11°36'33	26°14	2° 4	7° 8	2°10	5°53	29°36	28°53	1°35	24°26	14°54	13°38	0°43	n.a.	T 15
W16	0 55 20	12°37'26	9♑20	3°21	8°22	2°49	6° 5	29°43	28°56	1°37	24°26	14°D53	13°34	0°49	n.a.	W16
T 17	0 59 17	13°38'19	22° 3	4°36	9°35	3°28	6°16	29°50	28°59	1°39	24°25	14°53	13°31	0°56	n.a.	T 17
F 18	1 3 13	14°39'14	4♒26	5°49	10°49	4° 6	6°28	29°57	29° 2	1°40	24°24	14°54	13°28	1° 3	n.a.	F 18
S 19	1 7 10	15°40'09	16°33	7° 0	12° 3	4°45	6°39	0♎ 4	29° 5	1°42	24°24	14°56	13°25	1° 9	n.a.	S 19
S 20	1 11 6	16°41'06	28°30	8° 8	13°17	5°23	6°51	0°11	29° 8	1°44	24°23	14°58	13°22	1°16	n.a.	S 20
M21	1 15 3	17°42'03	10♓20	9°13	14°31	6° 2	7° 2	0°18	29°11	1°46	24°22	14°R59	13°19	1°23	n.a.	M21
T 22	1 18 59	18°43'02	22° 7	10°14	15°45	6°41	7°14	0°24	29°14	1°47	24°22	14°59	13°15	1°29	n.a.	T 22
W23	1 22 56	19°44'01	3♈55	11°11	16°59	7°19	7°25	0°31	29°17	1°49	24°21	14°57	13°12	1°36	n.a.	W23
T 24	1 26 53	20°45'02	15°45	12° 4	18°13	7°58	7°36	0°38	29°19	1°51	24°21	14°53	13° 9	1°43	n.a.	T 24
F 25	1 30 49	21°46'04	27°41	12°52	19°27	8°37	7°47	0°45	29°22	1°53	24°20	14°48	13° 6	1°49	n.a.	F 25
S 26	1 34 46	22°47'06	9♉42	13°34	20°42	9°15	7°58	0°52	29°25	1°55	24°19	14°41	13° 3	1°56	n.a.	S 26
S 27	1 38 42	23°48'10	21°52	14° 9	21°56	9°54	8° 9	0°58	29°27	1°57	24°19	14°34	13° 0	2° 2	n.a.	S 27
M28	1 42 39	24°49'16	4♊12	14°37	23°10	10°33	8°20	1° 5	29°30	1°58	24°18	14°26	12°56	2° 9	n.a.	M28
T 29	1 46 35	25°50'22	16°42	14°56	24°24	11°11	8°31	1°12	29°32	2° 0	24°18	14°19	12°53	2°16	n.a.	T 29
W30	1 50 32	26°51'29	29°25	15° 6	25°39	11°50	8°42	1°18	29°35	2° 2	24°17	14°14	12°50	2°22	n.a.	W30
T 31	1 54 28	27♎52'38	12♋23	15°R 7	26♍53	12♍29	8♍53	1♎25	29♌37	2♐ 4	24♒17	14♓11	12♓47	2♈29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1n 2	27n 1	5n14	6s12	1s21	16n 8	1n 9	15n14	1n18	11n43	1n15	2n59	2n21	13n 1	0n45	19s38	1n 9	29s34	17s10	5s58	6s15	0n52			n.a.
W 2	0 37	28 41	5 16	6 53	1 27	15 47	1 12	15 1	1 18	11 39	1 15	2 56	2 21	13 0	0 45	19 38	1 9	29 34	17 10	5 58	6 16	0 55			n.a.
T 3	0 13	28 50	5 2	7 33	1 33	15 25	1 14	14 48	1 18	11 34	1 15	2 53	2 21	12 59	0 45	19 38	1 9	29 34	17 10	5 58	6 18	0 59			n.a.
F 4	0s11	27 20	4 32	8 12	1 39	15 3	1 17	14 35	1 18	11 30	1 15	2 50	2 21	12 58	0 45	19 38	1 9	29 34	17 10	5 58	6 19	1 2			n.a.
S 5	0 36	24 10	3 45	8 52	1 45	14 40	1 19	14 22	1 18	11 25	1 16	2 47	2 21	12 57	0 45	19 39	1 9	29 35	17 9	5 57	6 20	1 6			n.a.
S 6	1 0	19 28	2 44	9 30	1 50	14 17	1 21	14 9	1 18	11 21	1 16	2 45	2 21	12 56	0 45	19 39	1 9	29 35	17 9	5 57	6 21	1 9			n.a.
M 7	1 25	13 30	1 30	10 8	1 55	13 53	1 23	13 56	1 18	11 16	1 16	2 42	2 21	12 54	0 45	19 39	1 9	29 35	17 9	5 56	6 22	1 13			n.a.
T 8	1 49	6 39	0 8	10 45	2 0	13 29	1 25	13 42	1 18	11 12	1 16	2 39	2 22	12 53	0 45	19 40	1 9	29 35	17 9	5 56	6 24	1 16			n.a.
W 9	2 14	0s41	1s15	11 22	2 5	13 5	1 27	13 29	1 18	11 8	1 16	2 36	2 22	12 52	0 45	19 40	1 9	29 35	17 8	5 56	6 25	1 20			n.a.
T 10	2 38	8 0	2 33	11 57	2 9	12 40	1 29	13 15	1 18	11 3	1 16	2 33	2 22	12 51	0 45	19 40	1 9	29 35	17 8	5 57	6 26	1 23			n.a.
F 11	3 3	14 48	3 40	12 32	2 13	12 15	1 30	13 1	1 18	10 59	1 16	2 30	2 22	12 50	0 45	19 41	1 9	29 35	17 8	5 58	6 27	1 27			n.a.
S 12	3 27	20 37	4 30	13 5	2 17	11 50	1 32	12 47	1 19	10 54	1 16	2 28	2 22	12 49	0 45	19 41	1 8	29 35	17 8	5 59	6 29	1 30			n.a.
S 13	3 51	25 5	5 2	13 38	2 20	11 24	1 34	12 34	1 19	10 50	1 17	2 25	2 22	12 48	0 45	19 42	1 8	29 35	17 7	6 1	6 30	1 33			n.a.
M14	4 16	27 53	5 14	14 10	2 23	10 58	1 35	12 20	1 19	10 46	1 17	2 22	2 22	12 47	0 45	19 42	1 8	29 35	17 7	6 2	6 31	1 37			n.a.
T 15	4 40	28 55	5 8	14 40	2 26	10 31	1 36	12 6	1 19	10 41	1 17	2 19	2 22	12 46	0 46	19 42	1 8	29 35	17 7	6 3	6 32	1 40			n.a.
W16	5 4	28 16	4 46	15 9	2 28	10 4	1 38	11 52	1 19	10 37	1 17	2 17	2 22	12 45	0 46	19 43	1 8	29 35	17 7	6 3	6 34	1 44			n.a.
T 17	5 28	26 7	4 11	15 37	2 30	9 37	1 39	11 37	1 19	10 33	1 17	2 14	2 22	12 44	0 46	19 43	1 8	29 35	17 6	6 3	6 35	1 47			n.a.
F 18	5 52	22 46	3 24	16 3	2 31	9 10	1 40	11 23	1 19	10 29	1 17	2 11	2 22	12 43	0 46	19 43	1 8	29 35	17 6	6 2	6 36	1 51			n.a.
S 19	6 16	18 30	2 30	16 27	2 32	8 42	1 41	11 9	1 19	10 24	1 17	2 8	2 22	12 42	0 46	19 44	1 8	29 35	17 6	6 2	6 37	1 54			n.a.
S 20	6 40	13 35	1 29	16 50	2 32	8 14	1 42	10 54	1 19	10 20	1 17	2 6	2 22	12 41	0 46	19 44	1 8	29 35	17 5	6 1	6 39	1 58			n.a.
M21	7 3	8 13	0 25	17 10	2 31	7 46	1 43	10 40	1 19	10 16	1 18	2 3	2 22	12 40	0 46	19 45	1 8	29 35	17 5	6 1	6 40	2 1			n.a.
T 22	7 27	2 35	0n39	17 29	2 29	7 18	1 43	10 25	1 19	10 12	1 18	2 0	2 22	12 39	0 46	19 45	1 8	29 35	17 5	6 1	6 41	2 5			n.a.
W23	7 50	3n 8	1 42	17 45	2 26	6 49	1 44	10 11	1 19	10 8	1 18	1 57	2 22	12 38	0 46	19 45	1 8	29 35	17 5	6 1	6 42	2 8			n.a.
T 24	8 14	8 45	2 40	17 58	2 23	6 20	1 45	9 56	1 19	10 4	1 18	1 55	2 22	12 37	0 46	19 46	1 8	29 35	17 4	6 3	6 44	2 12			n.a.
F 25	8 37	14 6	3 32	18 9	2 19	5 51	1 45	9 42	1 19	10 0	1 18	1 52	2 22	12 36	0 46	19 46	1 8	29 35	17 4	6 5	6 45	2 15			n.a.
S 26	9 0	18 58	4 14	18 17	2 13	5 22	1 46	9 27	1 19	9 56	1 18	1 49	2 22	12 35	0 46	19 47	1 8	29 35	17 4	6 8	6 46	2 18			n.a.
S 27	9 23	23 7	4 46	18 21	2 6	4 52	1 46	9 12	1 19	9 51	1 19	1 47	2 23	12 34	0 46	19 47	1 8	29 35	17 3	6 11	6 47	2 22			n.a.
M28	9 46	26 19	5 5	18 22	1 58	4 23	1 46	8 57	1 19	9 47	1 19	1 44	2 23	12 33	0 46	19 47	1 8	29 35	17 3	6 14	6 49	2 25			n.a.
T 29	10 9	28 17	5 9	18 18	1 48	3 53	1 46	8 42	1 19	9 44	1 19	1 42	2 23	12 32	0 46	19 48	1 8	29 34	17 3	6 16	6 50	2 29			n.a.
W30	10 31	28 49	4 59	18 11	1 37	3 23	1 46	8 27	1 19	9 40	1 19	1 39	2 23	12 31	0 46	19 48	1 8	29 34	17 2	6 18	6 51	2 32			n.a.
T 31	10s53	27n46	4n33	17s59	1s25	2n53	1n46	8n12	1n19	9n36	1n19	1n36	2n23	12n30	0n46	19s49	1n 8	29s34	17s 2	6s19	6s52	2n36			n.a.

Julian Day Number = 1305311.5, Delta T = 07h46m35s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'04, Lahiri = -19°41'04 Julian Calendar 1 Oct. 1140 BCE == Greg. Calendar 20 Sept. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

NOVEMBER 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 58 25	28♎53'48	25♋38	14°R57	28♍ 8	13♍ 7	9♍ 3	1♎31	29♌40	2♐ 6	24°R17	14°D 9	12♓44	2♈36	n.a.	F 1
S 2	2 2 22	29°54'58	9♌13	14♏35	29°22	13°46	9°14	1°38	29°42	2° 8	24♒16	14♓10	12°40	2°42	n.a.	S 2
S 3	2 6 18	0♏56'10	23°10	14° 2	0♎37	14°25	9°24	1°44	29°44	2°10	24°16	14°11	12°37	2°49	n.a.	S 3
M 4	2 10 15	1°57'23	7♍28	13°18	1°52	15° 3	9°34	1°51	29°47	2°12	24°15	14°R12	12°34	2°56	n.a.	M 4
T 5	2 14 11	2°58'37	22° 7	12°23	3° 6	15°42	9°45	1°57	29°49	2°14	24°15	14°12	12°31	3° 2	n.a.	T 5
W 6	2 18 8	3°59'51	7♎ 1	11°19	4°21	16°21	9°55	2° 4	29°51	2°16	24°15	14°10	12°28	3° 9	n.a.	W 6
T 7	2 22 4	5° 1'07	22° 5	10° 6	5°36	16°59	10° 5	2°10	29°53	2°18	24°15	14° 5	12°25	3°16	n.a.	T 7
F 8	2 26 1	6° 2'23	7♏ 9	8°47	6°50	17°38	10°15	2°16	29°55	2°20	24°14	13°58	12°21	3°22	n.a.	F 8
S 9	2 29 57	7° 3'39	22° 3	7°25	8° 5	18°17	10°24	2°23	29°57	2°22	24°14	13°50	12°18	3°29	n.a.	S 9
S 10	2 33 54	8° 4'56	6♐39	6° 2	9°20	18°56	10°34	2°29	29°59	2°25	24°14	13°41	12°15	3°36	n.a.	S 10
M11	2 37 51	9° 6'14	20°51	4°42	10°35	19°34	10°44	2°35	0♍ 1	2°27	24°14	13°32	12°12	3°42	n.a.	M11
T 12	2 41 47	10° 7'31	4♑34	3°26	11°49	20°13	10°53	2°41	0° 3	2°29	24°13	13°25	12° 9	3°49	n.a.	T 12
W13	2 45 44	11° 8'49	17°48	2°18	13° 4	20°52	11° 2	2°47	0° 5	2°31	24°13	13°20	12° 6	3°56	n.a.	W13
T 14	2 49 40	12°10'07	0♒35	1°18	14°19	21°30	11°12	2°53	0° 7	2°33	24°13	13°17	12° 2	4° 2	n.a.	T 14
F 15	2 53 37	13°11'25	13° 0	0°28	15°34	22° 9	11°21	2°59	0° 9	2°35	24°13	13°D16	11°59	4° 9	n.a.	F 15
S 16	2 57 33	14°12'42	25° 7	29♎48	16°49	22°48	11°30	3° 5	0°10	2°37	24°13	13°17	11°56	4°16	n.a.	S 16
S 17	3 1 30	15°14'00	7♓ 2	29°19	18° 4	23°27	11°39	3°11	0°12	2°40	24°13	13°R17	11°53	4°22	n.a.	S 17
M18	3 5 27	16°15'17	18°50	29° 1	19°18	24° 5	11°48	3°17	0°13	2°42	24°13	13°17	11°50	4°29	n.a.	M18
T 19	3 9 23	17°16'34	0♈36	28°D53	20°33	24°44	11°56	3°22	0°15	2°44	24°D13	13°16	11°46	4°36	n.a.	T 19
W20	3 13 20	18°17'51	12°25	28°55	21°48	25°23	12° 5	3°28	0°16	2°46	24°13	13°12	11°43	4°42	n.a.	W20
T 21	3 17 16	19°19'09	24°20	29° 6	23° 3	26° 1	12°13	3°34	0°18	2°48	24°13	13° 5	11°40	4°49	n.a.	T 21
F 22	3 21 13	20°20'26	6♉24	29°25	24°18	26°40	12°22	3°39	0°19	2°51	24°13	12°55	11°37	4°56	n.a.	F 22
S 23	3 25 9	21°21'42	18°37	29°51	25°33	27°19	12°30	3°45	0°21	2°53	24°13	12°43	11°34	5° 2	n.a.	S 23
S 24	3 29 6	22°22'59	1♊ 2	0♏24	26°48	27°58	12°38	3°50	0°22	2°55	24°13	12°30	11°31	5° 9	n.a.	S 24
M25	3 33 2	23°24'16	13°38	1° 3	28° 3	28°36	12°46	3°56	0°23	2°57	24°13	12°17	11°27	5°16	n.a.	M25
T 26	3 36 59	24°25'33	26°26	1°48	29°18	29°15	12°54	4° 1	0°24	3° 0	24°14	12° 5	11°24	5°22	n.a.	T 26
W27	3 40 56	25°26'50	9♋25	2°37	0♏33	29°54	13° 1	4° 6	0°25	3° 2	24°14	11°55	11°21	5°29	n.a.	W27
T 28	3 44 52	26°28'06	22°34	3°31	1°48	0♎32	13° 9	4°12	0°26	3° 4	24°14	11°48	11°18	5°35	n.a.	T 28
F 29	3 48 49	27°29'23	5♌56	4°28	3° 3	1°11	13°16	4°17	0°27	3° 6	24°14	11°43	11°15	5°42	n.a.	F 29
S 30	3 52 45	28♏30'40	19♌31	5♏29	4♏18	1♎50	13♍24	4♎22	0♍28	3♐ 9	24♒14	11♓42	11♓11	5♈49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s16	25n10	3n52	17s43	1s11	2n23	1n46	7n57	1n19	9n32	1n19	1n34	2n23	12n30	0n46	19s49	1n 8	29s34	17s 2	6s20	6s53	2n39		n.a.
S 2	11 38	21 5	2 58	17 21	0 55	1 52	1 46	7 42	1 19	9 28	1 20	1 31	2 23	12 29	0 46	19 49	1 8	29 34	17 1	6 20	6 55	2 43		n.a.
S 3	11 59	15 46	1 51	16 55	0 38	1 22	1 46	7 27	1 19	9 24	1 20	1 29	2 23	12 28	0 46	19 50	1 8	29 34	17 1	6 19	6 56	2 46		n.a.
M 4	12 21	9 28	0 36	16 24	0 20	0 52	1 46	7 11	1 19	9 20	1 20	1 26	2 23	12 27	0 46	19 50	1 8	29 34	17 1	6 19	6 57	2 49		n.a.
T 5	12 42	2 32	0s43	15 49	0 0	0 21	1 45	6 56	1 19	9 17	1 20	1 24	2 23	12 26	0 46	19 51	1 8	29 33	17 0	6 19	6 58	2 53		n.a.
W 6	13 3	4s40	2 0	15 9	0n20	0s 9	1 45	6 41	1 19	9 13	1 20	1 21	2 24	12 26	0 46	19 51	1 8	29 33	17 0	6 20	7 0	2 56		n.a.
T 7	13 24	11 39	3 9	14 27	0 40	0 40	1 44	6 26	1 19	9 9	1 21	1 19	2 24	12 25	0 46	19 52	1 8	29 33	17 0	6 22	7 1	3 0		n.a.
F 8	13 45	17 59	4 6	13 42	1 1	1 11	1 44	6 10	1 19	9 6	1 21	1 16	2 24	12 24	0 46	19 52	1 8	29 33	16 59	6 24	7 2	3 3		n.a.
S 9	14 6	23 9	4 44	12 57	1 21	1 41	1 43	5 55	1 19	9 2	1 21	1 14	2 24	12 24	0 46	19 53	1 8	29 32	16 59	6 28	7 3	3 7		n.a.
S 10	14 26	26 46	5 4	12 12	1 39	2 12	1 42	5 39	1 19	8 58	1 21	1 12	2 24	12 23	0 46	19 53	1 7	29 32	16 59	6 31	7 5	3 10		n.a.
M11	14 46	28 33	5 3	11 29	1 56	2 42	1 41	5 24	1 19	8 55	1 21	1 9	2 24	12 22	0 46	19 53	1 7	29 32	16 58	6 35	7 6	3 14		n.a.
T 12	15 6	28 31	4 46	10 49	2 11	3 13	1 40	5 8	1 19	8 51	1 22	1 7	2 24	12 22	0 47	19 54	1 7	29 32	16 58	6 37	7 7	3 17		n.a.
W13	15 25	26 48	4 13	10 13	2 24	3 43	1 39	4 53	1 19	8 48	1 22	1 5	2 24	12 21	0 47	19 54	1 7	29 31	16 57	6 39	7 8	3 20		n.a.
T 14	15 44	23 44	3 28	9 42	2 35	4 14	1 38	4 37	1 18	8 45	1 22	1 2	2 25	12 20	0 47	19 55	1 7	29 31	16 57	6 40	7 9	3 24		n.a.
F 15	16 3	19 40	2 35	9 16	2 44	4 44	1 37	4 22	1 18	8 41	1 22	1 0	2 25	12 20	0 47	19 55	1 7	29 31	16 57	6 41	7 11	3 27		n.a.
S 16	16 22	14 52	1 36	8 56	2 50	5 14	1 36	4 6	1 18	8 38	1 22	0 58	2 25	12 19	0 47	19 56	1 7	29 30	16 56	6 41	7 12	3 31		n.a.
S 17	16 40	9 35	0 33	8 42	2 54	5 44	1 35	3 50	1 18	8 35	1 23	0 56	2 25	12 19	0 47	19 56	1 7	29 30	16 56	6 40	7 13	3 34		n.a.
M18	16 58	4 2	0n30	8 33	2 57	6 15	1 33	3 35	1 18	8 32	1 23	0 53	2 25	12 18	0 47	19 57	1 7	29 30	16 56	6 40	7 14	3 38		n.a.
T 19	17 16	1n38	1 31	8 30	2 58	6 44	1 32	3 19	1 18	8 28	1 23	0 51	2 25	12 18	0 47	19 57	1 7	29 29	16 55	6 41	7 16	3 41		n.a.
W20	17 34	7 16	2 29	8 31	2 57	7 14	1 30	3 3	1 18	8 25	1 23	0 49	2 25	12 17	0 47	19 57	1 7	29 29	16 55	6 43	7 17	3 44		n.a.
T 21	17 51	12 41	3 20	8 37	2 55	7 44	1 29	2 48	1 18	8 22	1 24	0 47	2 26	12 17	0 47	19 58	1 7	29 29	16 55	6 45	7 18	3 48		n.a.
F 22	18 7	17 41	4 3	8 46	2 52	8 13	1 27	2 32	1 18	8 19	1 24	0 45	2 26	12 16	0 47	19 58	1 7	29 28	16 54	6 49	7 19	3 51		n.a.
S 23	18 24	22 3	4 36	8 59	2 48	8 43	1 26	2 16	1 18	8 16	1 24	0 43	2 26	12 16	0 47	19 59	1 7	29 28	16 54	6 54	7 21	3 55		n.a.
S 24	18 40	25 31	4 55	9 15	2 43	9 12	1 24	2 0	1 18	8 13	1 24	0 41	2 26	12 15	0 47	19 59	1 7	29 28	16 53	6 59	7 22	3 58		n.a.
M25	18 56	27 48	5 1	9 34	2 38	9 40	1 22	1 45	1 17	8 10	1 24	0 39	2 26	12 15	0 47	20 0	1 7	29 27	16 53	7 4	7 23	4 2		n.a.
T 26	19 11	28 39	4 52	9 56	2 31	10 9	1 21	1 29	1 17	8 8	1 25	0 37	2 26	12 15	0 47	20 0	1 7	29 27	16 53	7 9	7 24	4 5		n.a.
W27	19 26	27 57	4 28	10 19	2 25	10 38	1 19	1 13	1 17	8 5	1 25	0 35	2 27	12 14	0 47	20 1	1 7	29 26	16 52	7 12	7 25	4 8		n.a.
T 28	19 41	25 40	3 49	10 44	2 18	11 6	1 17	0 57	1 17	8 2	1 25	0 33	2 27	12 14	0 47	20 1	1 7	29 26	16 52	7 15	7 27	4 12		n.a.
F 29	19 55	21 57	2 57	11 10	2 11	11 34	1 15	0 42	1 17	7 59	1 25	0 31	2 27	12 14	0 47	20 2	1 7	29 26	16 52	7 17	7 28	4 15		n.a.
S 30	20s 9	17n 1	1n55	11s38	2n 3	12s 1	1n13	0n26	1n17	7n57	1n26	0n29	2n27	12n13	0n47	20s 2	1n 7	29s25	16s51	7s18	7s29	4n19		n.a.

Julian Day Number = 1305342.5, Delta T = 07h46m33s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°48'00, Lahiri = -19°40'59 Julian Calendar 1 Nov. 1140 BCE == Greg. Calendar 21 Oct. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1140 BCE
geocentric

DECEMBER 1140 BCE (-1139) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 42	29♏31'56	3♍19	6♏33	5♏33	2♎29	13♍31	4♎27	0♍29	3♐11	24♒15	11°R41	11♓ 8	5♈55	n.a.	S 1
M 2	4 0 38	0♐33'12	17°22	7°39	6°48	3° 7	13°38	4°32	0°30	3°13	24°15	11♓41	11° 5	6° 2	n.a.	M 2
T 3	4 4 35	1°34'28	1♎40	8°48	8° 3	3°46	13°44	4°37	0°31	3°16	24°15	11°40	11° 2	6° 9	n.a.	T 3
W 4	4 8 32	2°35'44	16°10	9°59	9°18	4°25	13°51	4°41	0°31	3°18	24°16	11°37	10°59	6°15	n.a.	W 4
T 5	4 12 28	3°37'00	0♏49	11°12	10°33	5° 3	13°58	4°46	0°32	3°20	24°16	11°30	10°56	6°22	n.a.	T 5
F 6	4 16 25	4°38'15	15°31	12°27	11°48	5°42	14° 4	4°51	0°33	3°22	24°16	11°21	10°52	6°29	n.a.	F 6
S 7	4 20 21	5°39'30	0♐ 9	13°43	13° 3	6°21	14°10	4°55	0°33	3°25	24°17	11° 9	10°49	6°35	n.a.	S 7
S 8	4 24 18	6°40'44	14°34	15° 1	14°18	6°59	14°16	5° 0	0°34	3°27	24°17	10°57	10°46	6°42	n.a.	S 8
M 9	4 28 14	7°41'58	28°40	16°20	15°33	7°38	14°22	5° 4	0°34	3°29	24°18	10°44	10°43	6°49	n.a.	M 9
T 10	4 32 11	8°43'11	12♑22	17°41	16°48	8°17	14°28	5° 9	0°34	3°31	24°18	10°33	10°40	6°55	n.a.	T 10
W11	4 36 8	9°44'23	25°38	19° 2	18° 4	8°55	14°34	5°13	0°35	3°34	24°19	10°25	10°37	7° 2	n.a.	W11
T 12	4 40 4	10°45'33	8♒29	20°25	19°19	9°34	14°39	5°17	0°35	3°36	24°19	10°20	10°33	7° 9	n.a.	T 12
F 13	4 44 1	11°46'43	20°58	21°48	20°34	10°13	14°44	5°21	0°35	3°38	24°20	10°17	10°30	7°15	n.a.	F 13
S 14	4 47 57	12°47'51	3♓ 8	23°12	21°49	10°51	14°50	5°25	0°35	3°41	24°20	10°16	10°27	7°22	n.a.	S 14
S 15	4 51 54	13°48'59	15° 5	24°38	23° 4	11°30	14°55	5°29	0°35	3°43	24°21	10°16	10°24	7°29	n.a.	S 15
M16	4 55 50	14°50'05	26°54	26° 4	24°19	12° 8	14°59	5°33	0°R35	3°45	24°22	10°15	10°21	7°35	n.a.	M16
T 17	4 59 47	15°51'09	8♈42	27°31	25°34	12°47	15° 4	5°37	0°35	3°47	24°22	10°14	10°17	7°42	n.a.	T 17
W18	5 3 43	16°52'13	20°32	28°58	26°49	13°26	15° 8	5°41	0°35	3°49	24°23	10° 9	10°14	7°49	n.a.	W18
T 19	5 7 40	17°53'15	2♉31	0♐27	28° 4	14° 4	15°13	5°44	0°35	3°52	24°24	10° 2	10°11	7°55	n.a.	T 19
F 20	5 11 37	18°54'16	14°41	1°56	29°18	14°43	15°17	5°48	0°35	3°54	24°24	9°53	10° 8	8° 2	n.a.	F 20
S 21	5 15 33	19°55'16	27° 6	3°26	0♐33	15°21	15°21	5°51	0°35	3°56	24°25	9°41	10° 5	8° 9	n.a.	S 21
S 22	5 19 30	20°56'14	9♊45	4°56	1°48	16° 0	15°25	5°55	0°34	3°58	24°26	9°27	10° 2	8°15	n.a.	S 22
M23	5 23 26	21°57'12	22°40	6°28	3° 3	16°38	15°28	5°58	0°34	4° 1	24°27	9°14	9°58	8°22	n.a.	M23
T 24	5 27 23	22°58'08	5♋50	8° 0	4°18	17°17	15°32	6° 1	0°34	4° 3	24°27	9° 1	9°55	8°29	n.a.	T 24
W25	5 31 19	23°59'02	19°12	9°32	5°33	17°56	15°35	6° 4	0°33	4° 5	24°28	8°51	9°52	8°35	n.a.	W25
T 26	5 35 16	24°59'56	2♌44	11° 6	6°48	18°34	15°38	6° 7	0°33	4° 7	24°29	8°43	9°49	8°42	n.a.	T 26
F 27	5 39 13	26° 0'49	16°25	12°40	8° 3	19°13	15°41	6°10	0°32	4° 9	24°30	8°39	9°46	8°49	n.a.	F 27
S 28	5 43 9	27° 1'40	0♍13	14°15	9°18	19°51	15°44	6°13	0°31	4°11	24°31	8°37	9°43	8°55	n.a.	S 28
S 29	5 47 6	28° 2'30	14° 8	15°50	10°33	20°30	15°46	6°16	0°31	4°13	24°32	8°D37	9°39	9° 2	n.a.	S 29
M30	5 51 2	29° 3'19	28°10	17°27	11°48	21° 8	15°48	6°18	0°30	4°16	24°33	8°R37	9°36	9° 9	n.a.	M30
T 31	5 54 59	0♑ 4'07	12♎16	19♐ 4	13♐ 3	21♎47	15♍51	6♎21	0♍29	4♐18	24♒33	8♓37	9♓33	9♈15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20s23	11n 8	0n44	12s 7	1n55	12s29	1n11	0n10	1n17	7n54	1n26	0n27	2n27	12n13	0n47	20s 2	1n 7	29s25	16s51	7s18	7s30	4n22			n.a.
M 2	20 36	4 37	0s30	12 36	1 47	12 56	1 9	0s 6	1 16	7 52	1 26	0 25	2 28	12 13	0 47	20 3	1 7	29 24	16 51	7 18	7 32	4 26			n.a.
T 3	20 49	2s15	1 44	13 6	1 39	13 22	1 7	0 22	1 16	7 49	1 26	0 24	2 28	12 13	0 47	20 3	1 7	29 24	16 50	7 18	7 33	4 29			n.a.
W 4	21 1	9 5	2 51	13 36	1 31	13 49	1 5	0 37	1 16	7 47	1 27	0 22	2 28	12 12	0 47	20 4	1 7	29 23	16 50	7 19	7 34	4 32			n.a.
T 5	21 13	15 30	3 49	14 7	1 23	14 15	1 2	0 53	1 16	7 45	1 27	0 20	2 28	12 12	0 48	20 4	1 7	29 23	16 49	7 22	7 35	4 36			n.a.
F 6	21 25	21 4	4 31	14 38	1 15	14 40	1 0	1 9	1 16	7 42	1 27	0 18	2 28	12 12	0 48	20 5	1 7	29 22	16 49	7 25	7 36	4 39			n.a.
S 7	21 36	25 18	4 55	15 9	1 7	15 6	0 58	1 24	1 15	7 40	1 28	0 17	2 29	12 12	0 48	20 5	1 7	29 22	16 49	7 30	7 38	4 43			n.a.
S 8	21 47	27 53	5 0	15 40	0 59	15 31	0 56	1 40	1 15	7 38	1 28	0 15	2 29	12 12	0 48	20 6	1 7	29 22	16 48	7 35	7 39	4 46			n.a.
M 9	21 57	28 35	4 46	16 11	0 51	15 55	0 53	1 56	1 15	7 36	1 28	0 13	2 29	12 12	0 48	20 6	1 7	29 21	16 48	7 40	7 40	4 49			n.a.
T 10	22 7	27 29	4 16	16 42	0 42	16 19	0 51	2 12	1 15	7 34	1 28	0 12	2 29	12 12	0 48	20 7	1 7	29 21	16 48	7 44	7 41	4 53			n.a.
W11	22 17	24 50	3 33	17 13	0 34	16 43	0 49	2 27	1 15	7 32	1 29	0 10	2 29	12 11	0 48	20 7	1 7	29 20	16 47	7 47	7 43	4 56			n.a.
T 12	22 26	21 0	2 40	17 43	0 27	17 6	0 46	2 43	1 14	7 30	1 29	0 9	2 30	12 11	0 48	20 7	1 7	29 19	16 47	7 49	7 44	5 0			n.a.
F 13	22 34	16 20	1 40	18 13	0 19	17 29	0 44	2 58	1 14	7 28	1 29	0 7	2 30	12 11	0 48	20 8	1 7	29 19	16 47	7 50	7 45	5 3			n.a.
S 14	22 42	11 7	0 38	18 42	0 11	17 51	0 41	3 14	1 14	7 26	1 29	0 6	2 30	12 11	0 48	20 8	1 7	29 18	16 46	7 51	7 46	5 6			n.a.
S 15	22 50	5 35	0n25	19 11	0 3	18 13	0 39	3 30	1 14	7 25	1 30	0 5	2 30	12 11	0 48	20 9	1 7	29 18	16 46	7 51	7 47	5 10			n.a.
M16	22 57	0n 4	1 27	19 39	0s 4	18 34	0 37	3 45	1 13	7 23	1 30	0 3	2 30	12 11	0 48	20 9	1 7	29 17	16 46	7 51	7 49	5 13			n.a.
T 17	23 4	5 42	2 24	20 7	0 11	18 55	0 34	4 1	1 13	7 22	1 30	0 2	2 31	12 12	0 48	20 10	1 7	29 17	16 45	7 51	7 50	5 17			n.a.
W18	23 10	11 10	3 16	20 34	0 19	19 15	0 32	4 16	1 13	7 20	1 31	0 1	2 31	12 12	0 48	20 10	1 7	29 16	16 45	7 53	7 51	5 20			n.a.
T 19	23 16	16 17	3 59	21 0	0 26	19 35	0 29	4 32	1 13	7 19	1 31	0s 1	2 31	12 12	0 48	20 10	1 7	29 16	16 45	7 56	7 52	5 23			n.a.
F 20	23 22	20 50	4 32	21 25	0 32	19 54	0 27	4 47	1 12	7 17	1 31	0 2	2 31	12 12	0 48	20 11	1 7	29 15	16 44	7 59	7 54	5 27			n.a.
S 21	23 27	24 35	4 53	21 49	0 39	20 13	0 24	5 2	1 12	7 16	1 31	0 3	2 32	12 12	0 48	20 11	1 7	29 15	16 44	8 4	7 55	5 30			n.a.
S 22	23 31	27 13	5 0	22 13	0 46	20 31	0 21	5 18	1 12	7 15	1 32	0 4	2 32	12 12	0 48	20 12	1 7	29 14	16 44	8 9	7 56	5 34			n.a.
M23	23 35	28 29	4 52	22 36	0 52	20 48	0 19	5 33	1 11	7 14	1 32	0 5	2 32	12 12	0 48	20 12	1 7	29 13	16 43	8 14	7 57	5 37			n.a.
T 24	23 39	28 10	4 29	22 57	0 58	21 5	0 16	5 48	1 11	7 13	1 32	0 6	2 32	12 12	0 48	20 12	1 7	29 13	16 43	8 19	7 58	5 40			n.a.
W25	23 42	26 13	3 50	23 18	1 4	21 21	0 14	6 3	1 11	7 12	1 33	0 7	2 33	12 13	0 48	20 13	1 7	29 12	16 43	8 23	8 0	5 44			n.a.
T 26	23 44	22 45	2 58	23 37	1 9	21 37	0 11	6 19	1 10	7 11	1 33	0 8	2 33	12 13	0 48	20 13	1 7	29 12	16 42	8 26	8 1	5 47			n.a.
F 27	23 46	18 0	1 55	23 55	1 15	21 52	0 9	6 34	1 10	7 10	1 33	0 9	2 33	12 13	0 48	20 14	1 7	29 11	16 42	8 28	8 2	5 51			n.a.
S 28	23 48	12 16	0 44	24 13	1 20	22 6	0 6	6 49	1 10	7 9	1 33	0 10	2 33	12 13	0 49	20 14	1 7	29 11	16 42	8 28	8 3	5 54			n.a.
S 29	23 49	5 53	0s29	24 28	1 25	22 20	0 4	7 4	1 9	7 8	1 34	0 11	2 33	12 14	0 49	20 14	1 7	29 10	16 42	8 28	8 5	5 57			n.a.
M30	23 50	0s49	1 42	24 43	1 30	22 33	0 1	7 19	1 9	7 8	1 34	0 12	2 34	12 14	0 49	20 15	1 7	29 9	16 41	8 28	8 6	6 1			n.a.
T 31	23s50	7s31	2s49	24s56	1s34	22s46	0s 1	7s34	1n 9	7n 7	1n34	0s13	2n34	12n14	0n49	20s15	1n 7	29s 9	16s41	8s28	8s 7	6n 4			n.a.

Julian Day Number = 1305372.5, Delta T = 07h46m31s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'56, Lahiri = -19°40'55 Julian Calendar 1 Dec. 1140 BCE == Greg. Calendar 20 Nov. 1140 BCE

The year -1139 astronomical counting style corresponds to year 1140 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

JANUARY 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 58 55	1♉ 4'53	26♎28	20♐42	14♐18	22♎25	15♍53	6♎23	0°R28	4♐20	24♒34	8°R34	9♓30	9♈22	n.a.	W 1
T 2	6 2 52	2° 5'39	10♏43	22°20	15°32	23° 3	15°54	6°26	0♍27	4°22	24°35	8♓29	9°27	9°29	n.a.	T 2
F 3	6 6 48	3° 6'23	24°57	24° 0	16°47	23°42	15°56	6°28	0°26	4°24	24°36	8°21	9°23	9°35	n.a.	F 3
S 4	6 10 45	4° 7'06	9♐ 6	25°40	18° 2	24°20	15°57	6°30	0°25	4°26	24°37	8°11	9°20	9°42	n.a.	S 4
S 5	6 14 42	5° 7'48	23° 6	27°21	19°17	24°59	15°59	6°32	0°24	4°28	24°38	8° 1	9°17	9°49	n.a.	S 5
M 6	6 18 38	6° 8'28	6♉52	29° 3	20°32	25°37	16° 0	6°34	0°23	4°30	24°39	7°50	9°14	9°55	n.a.	M 6
T 7	6 22 35	7° 9'06	20°20	0♉46	21°47	26°15	16° 0	6°36	0°22	4°32	24°40	7°40	9°11	10° 2	n.a.	T 7
W 8	6 26 31	8° 9'42	3♒27	2°30	23° 2	26°54	16° 1	6°38	0°21	4°34	24°42	7°33	9° 8	10° 9	n.a.	W 8
T 9	6 30 28	9°10'17	16°14	4°14	24°16	27°32	16° 2	6°40	0°20	4°36	24°43	7°28	9° 4	10°15	n.a.	T 9
F 10	6 34 24	10°10'50	28°41	6° 0	25°31	28°10	16° 2	6°41	0°18	4°38	24°44	7°26	9° 1	10°22	n.a.	F 10
S 11	6 38 21	11°11'20	10♓52	7°46	26°46	28°48	16°R 2	6°43	0°17	4°40	24°45	7°D25	8°58	10°29	n.a.	S 11
S 12	6 42 17	12°11'49	22°50	9°33	28° 1	29°27	16° 2	6°44	0°16	4°42	24°46	7°26	8°55	10°35	n.a.	S 12
M13	6 46 14	13°12'15	4♈41	11°22	29°16	0♏ 5	16° 1	6°45	0°14	4°44	24°47	7°27	8°52	10°42	n.a.	M13
T 14	6 50 11	14°12'40	16°30	13°11	0♉30	0°43	16° 1	6°47	0°13	4°46	24°48	7°R27	8°49	10°49	n.a.	T 14
W15	6 54 7	15°13'02	28°22	15° 1	1°45	1°21	16° 0	6°48	0°11	4°47	24°49	7°26	8°45	10°55	n.a.	W15
T 16	6 58 4	16°13'22	10♉23	16°51	3° 0	1°59	15°59	6°49	0°10	4°49	24°51	7°23	8°42	11° 2	n.a.	T 16
F 17	7 2 0	17°13'41	22°36	18°43	4°15	2°37	15°58	6°49	0° 8	4°51	24°52	7°18	8°39	11° 9	n.a.	F 17
S 18	7 5 57	18°13'57	5♊ 6	20°35	5°29	3°16	15°57	6°50	0° 6	4°53	24°53	7°11	8°36	11°15	n.a.	S 18
S 19	7 9 53	19°14'11	17°55	22°28	6°44	3°54	15°56	6°51	0° 5	4°55	24°54	7° 3	8°33	11°22	n.a.	S 19
M20	7 13 50	20°14'23	1♋ 4	24°22	7°59	4°32	15°54	6°52	0° 3	4°56	24°55	6°54	8°29	11°29	n.a.	M20
T 21	7 17 46	21°14'33	14°32	26°17	9°13	5°10	15°52	6°52	0° 1	4°58	24°57	6°46	8°26	11°35	n.a.	T 21
W22	7 21 43	22°14'41	28°16	28°11	10°28	5°48	15°50	6°52	29♌59	5° 0	24°58	6°40	8°23	11°42	n.a.	W22
T 23	7 25 40	23°14'46	12♌15	0♒ 6	11°43	6°26	15°48	6°53	29°57	5° 1	24°59	6°35	8°20	11°49	n.a.	T 23
F 24	7 29 36	24°14'50	26°23	2° 2	12°57	7° 4	15°46	6°53	29°55	5° 3	25° 1	6°33	8°17	11°55	n.a.	F 24
S 25	7 33 33	25°14'52	10♍37	3°57	14°12	7°41	15°43	6°R53	29°54	5° 5	25° 2	6°D32	8°14	12° 2	n.a.	S 25
S 26	7 37 29	26°14'52	24°52	5°52	15°26	8°19	15°40	6°53	29°52	5° 6	25° 3	6°33	8°10	12° 9	n.a.	S 26
M27	7 41 26	27°14'51	9♎ 6	7°46	16°41	8°57	15°38	6°53	29°50	5° 8	25° 4	6°35	8° 7	12°15	n.a.	M27
T 28	7 45 22	28°14'47	23°18	9°39	17°56	9°35	15°34	6°53	29°47	5° 9	25° 6	6°R36	8° 4	12°22	n.a.	T 28
W29	7 49 19	29°14'42	7♏24	11°31	19°10	10°13	15°31	6°52	29°45	5°11	25° 7	6°36	8° 1	12°29	n.a.	W29
T 30	7 53 15	0♒14'35	21°24	13°22	20°25	10°50	15°28	6°52	29°43	5°12	25° 8	6°34	7°58	12°35	n.a.	T 30
F 31	7 57 12	1♒14'27	5♐17	15♒10	21♉39	11♏28	15♍24	6♎51	29♌41	5♐14	25♒10	6♓30	7♓55	12♈42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s50	13s52	3s45	25s 8	1s38	22s57	0s 4	7s49	1n 8	7n 6	1n35	0s13	2n34	12n15	0n49	20s16	1n 7	29s 8	16s41	8s29	8s 8	6n 7		n.a.
T 2	23 49	19 31	4 28	25 18	1 42	23 8	0 6	8 4	1 8	7 6	1 35	0 14	2 34	12 15	0 49	20 16	1 7	29 8	16 40	8 31	8 9	6 11		n.a.
F 3	23 48	24 4	4 55	25 27	1 45	23 19	0 9	8 18	1 7	7 6	1 35	0 15	2 35	12 15	0 49	20 16	1 7	29 7	16 40	8 34	8 11	6 14		n.a.
S 4	23 46	27 10	5 3	25 34	1 48	23 28	0 11	8 33	1 7	7 5	1 36	0 15	2 35	12 16	0 49	20 17	1 7	29 6	16 40	8 38	8 12	6 18		n.a.
S 5	23 44	28 31	4 53	25 40	1 51	23 37	0 14	8 48	1 6	7 5	1 36	0 16	2 35	12 16	0 49	20 17	1 7	29 6	16 40	8 42	8 13	6 21		n.a.
M 6	23 41	28 4	4 25	25 43	1 54	23 45	0 16	9 2	1 6	7 5	1 36	0 17	2 35	12 17	0 49	20 18	1 7	29 5	16 39	8 46	8 14	6 24		n.a.
T 7	23 38	25 57	3 44	25 46	1 56	23 53	0 19	9 17	1 6	7 5	1 36	0 17	2 36	12 17	0 49	20 18	1 7	29 4	16 39	8 50	8 15	6 28		n.a.
W 8	23 35	22 28	2 51	25 46	1 57	24 0	0 21	9 31	1 5	7 5	1 37	0 18	2 36	12 18	0 49	20 18	1 7	29 4	16 39	8 53	8 17	6 31		n.a.
T 9	23 31	18 0	1 51	25 45	1 59	24 6	0 23	9 46	1 5	7 5	1 37	0 18	2 36	12 18	0 49	20 19	1 7	29 3	16 38	8 54	8 18	6 34		n.a.
F 10	23 26	12 51	0 47	25 41	2 0	24 11	0 26	10 0	1 4	7 5	1 37	0 18	2 37	12 19	0 49	20 19	1 7	29 3	16 38	8 55	8 19	6 38		n.a.
S 11	23 21	7 20	0n18	25 36	2 0	24 16	0 28	10 14	1 4	7 6	1 38	0 19	2 37	12 19	0 49	20 19	1 7	29 2	16 38	8 55	8 20	6 41		n.a.
S 12	23 16	1 38	1 22	25 29	2 0	24 19	0 30	10 28	1 3	7 6	1 38	0 19	2 37	12 20	0 49	20 20	1 7	29 1	16 38	8 55	8 21	6 44		n.a.
M13	23 10	4n 3	2 21	25 20	2 0	24 22	0 33	10 43	1 3	7 6	1 38	0 19	2 37	12 20	0 49	20 20	1 7	29 1	16 37	8 55	8 23	6 48		n.a.
T 14	23 4	9 34	3 14	25 8	1 59	24 25	0 35	10 57	1 2	7 7	1 38	0 20	2 38	12 21	0 49	20 20	1 7	29 0	16 37	8 55	8 24	6 51		n.a.
W15	22 57	14 47	3 59	24 55	1 57	24 26	0 37	11 11	1 2	7 7	1 39	0 20	2 38	12 21	0 49	20 21	1 7	28 59	16 37	8 55	8 25	6 54		n.a.
T 16	22 50	19 30	4 34	24 39	1 55	24 27	0 39	11 24	1 1	7 8	1 39	0 20	2 38	12 22	0 49	20 21	1 7	28 59	16 37	8 56	8 26	6 58		n.a.
F 17	22 42	23 30	4 57	24 22	1 53	24 27	0 41	11 38	1 0	7 9	1 39	0 20	2 38	12 23	0 49	20 21	1 7	28 58	16 37	8 58	8 28	7 1		n.a.
S 18	22 34	26 32	5 7	24 2	1 50	24 26	0 43	11 52	1 0	7 9	1 40	0 20	2 39	12 23	0 49	20 22	1 7	28 57	16 36	9 1	8 29	7 5		n.a.
S 19	22 26	28 17	5 2	23 40	1 46	24 25	0 45	12 6	0 59	7 10	1 40	0 20	2 39	12 24	0 49	20 22	1 7	28 57	16 36	9 4	8 30	7 8		n.a.
M20	22 17	28 30	4 41	23 16	1 42	24 23	0 47	12 19	0 59	7 11	1 40	0 20	2 39	12 24	0 49	20 22	1 7	28 56	16 36	9 7	8 31	7 11		n.a.
T 21	22 7	27 4	4 4	22 50	1 37	24 20	0 49	12 33	0 58	7 12	1 41	0 20	2 39	12 25	0 49	20 22	1 7	28 56	16 36	9 10	8 32	7 15		n.a.
W22	21 58	23 58	3 12	22 21	1 32	24 16	0 51	12 46	0 57	7 13	1 41	0 20	2 40	12 26	0 49	20 23	1 7	28 55	16 36	9 13	8 34	7 18		n.a.
T 23	21 48	19 27	2 8	21 51	1 25	24 11	0 53	12 59	0 57	7 14	1 41	0 20	2 40	12 27	0 49	20 23	1 7	28 54	16 35	9 14	8 35	7 21		n.a.
F 24	21 37	13 47	0 55	21 18	1 18	24 6	0 55	13 13	0 56	7 15	1 41	0 20	2 40	12 27	0 50	20 23	1 7	28 54	16 35	9 15	8 36	7 25		n.a.
S 25	21 26	7 22	0s22	20 44	1 11	24 0	0 57	13 26	0 56	7 17	1 42	0 20	2 40	12 28	0 50	20 24	1 7	28 53	16 35	9 15	8 37	7 28		n.a.
S 26	21 15	0 35	1 38	20 8	1 3	23 53	0 58	13 39	0 55	7 18	1 42	0 19	2 41	12 29	0 50	20 24	1 7	28 52	16 35	9 15	8 38	7 31		n.a.
M27	21 3	6s14	2 48	19 30	0 54	23 46	1 0	13 52	0 54	7 19	1 42	0 19	2 41	12 29	0 50	20 24	1 7	28 52	16 35	9 15	8 40	7 35		n.a.
T 28	20 51	12 42	3 47	18 50	0 44	23 38	1 2	14 5	0 53	7 21	1 42	0 19	2 41	12 30	0 50	20 24	1 7	28 51	16 35	9 14	8 41	7 38		n.a.
W29	20 39	18 29	4 32	18 9	0 34	23 29	1 3	14 17	0 53	7 22	1 43	0 18	2 41	12 31	0 50	20 25	1 7	28 50	16 34	9 14	8 42	7 41		n.a.
T 30	20 26	23 14	5 0	17 27	0 23	23 19	1 5	14 30	0 52	7 24	1 43	0 18	2 42	12 32	0 50	20 25	1 7	28 50	16 34	9 15	8 43	7 45		n.a.
F 31	20s13	26s38	5s11	16s44	0s12	23s 9	1s 6	14s43	0n51	7n26	1n43	0s18	2n42	12n33	0n50	20s25	1n 7	28s49	16s34	9s16	8s44	7n48		n.a.

Julian Day Number = 1305403.5, Delta T = 07h46m30s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'52, Lahiri = -19°40'51 Julian Calendar 1 Jan. 1139 BCE == Greg. Calendar 21 Dec. 1140 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

FEBRUARY 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 9	2♒14'16	19♐ 0	16♒56	22♑54	12♏ 6	15°R20	6°R51	29°R39	5♐15	25♒11	6°R26	7♓51	12♈49	n.a.	S 1
S 2	8 5 5	3°14'04	2♑31	18°39	24° 8	12°43	15♍16	6♎50	29♌37	5°17	25°13	6♓20	7°48	12°55	n.a.	S 2
M 3	8 9 2	4°13'50	15°50	20°19	25°23	13°21	15°12	6°49	29°35	5°18	25°14	6°15	7°45	13° 2	n.a.	M 3
T 4	8 12 58	5°13'33	28°55	21°54	26°38	13°59	15° 8	6°48	29°32	5°20	25°15	6°10	7°42	13° 9	n.a.	T 4
W 5	8 16 55	6°13'15	11♒44	23°25	27°52	14°36	15° 4	6°47	29°30	5°21	25°17	6° 6	7°39	13°15	n.a.	W 5
T 6	8 20 51	7°12'54	24°18	24°51	29° 7	15°14	14°59	6°46	29°28	5°22	25°18	6° 4	7°35	13°22	n.a.	T 6
F 7	8 24 48	8°12'31	6♓37	26°12	0♒21	15°51	14°54	6°45	29°25	5°24	25°20	6°D 4	7°32	13°29	n.a.	F 7
S 8	8 28 44	9°12'05	18°44	27°27	1°36	16°28	14°49	6°43	29°23	5°25	25°21	6° 4	7°29	13°35	n.a.	S 8
S 9	8 32 41	10°11'38	0♈42	28°35	2°50	17° 6	14°44	6°42	29°21	5°26	25°22	6° 6	7°26	13°42	n.a.	S 9
M10	8 36 37	11°11'07	12°33	29°37	4° 4	17°43	14°39	6°41	29°18	5°27	25°24	6° 7	7°23	13°49	n.a.	M10
T 11	8 40 34	12°10'35	24°22	0♓31	5°19	18°20	14°34	6°39	29°16	5°28	25°25	6° 9	7°20	13°55	n.a.	T 11
W12	8 44 31	13°10'00	6♉15	1°19	6°33	18°57	14°28	6°37	29°13	5°30	25°27	6°10	7°16	14° 2	n.a.	W12
T 13	8 48 27	14° 9'22	18°15	1°59	7°48	19°34	14°23	6°35	29°11	5°31	25°28	6°R10	7°13	14° 9	n.a.	T 13
F 14	8 52 24	15° 8'43	0♊27	2°31	9° 2	20°11	14°17	6°34	29° 8	5°32	25°30	6° 9	7°10	14°16	n.a.	F 14
S 15	8 56 20	16° 8'00	12°57	2°55	10°16	20°48	14°11	6°32	29° 6	5°33	25°31	6° 8	7° 7	14°22	n.a.	S 15
S 16	9 0 17	17° 7'16	25°47	3°12	11°31	21°25	14° 5	6°30	29° 3	5°34	25°33	6° 5	7° 4	14°29	n.a.	S 16
M17	9 4 13	18° 6'29	9♋ 0	3°21	12°45	22° 2	13°59	6°27	29° 1	5°35	25°34	6° 3	7° 1	14°36	n.a.	M17
T 18	9 8 10	19° 5'39	22°37	3°R22	14° 0	22°39	13°52	6°25	28°58	5°36	25°35	6° 0	6°57	14°42	n.a.	T 18
W19	9 12 6	20° 4'48	6♌37	3°16	15°14	23°16	13°46	6°23	28°56	5°37	25°37	5°58	6°54	14°49	n.a.	W19
T 20	9 16 3	21° 3'53	20°55	3° 2	16°28	23°53	13°40	6°21	28°53	5°38	25°38	5°57	6°51	14°56	n.a.	T 20
F 21	9 20 0	22° 2'57	5♍28	2°43	17°42	24°29	13°33	6°18	28°51	5°38	25°40	5°D57	6°48	15° 2	n.a.	F 21
S 22	9 23 56	23° 1'59	20° 9	2°16	18°57	25° 6	13°26	6°15	28°48	5°39	25°41	5°57	6°45	15° 9	n.a.	S 22
S 23	9 27 53	24° 0'58	4♎52	1°45	20°11	25°42	13°19	6°13	28°46	5°40	25°43	5°58	6°41	15°16	n.a.	S 23
M24	9 31 49	24°59'56	19°30	1° 8	21°25	26°19	13°13	6°10	28°43	5°41	25°44	5°58	6°38	15°22	n.a.	M24
T 25	9 35 46	25°58'51	3♏58	0°28	22°39	26°55	13° 6	6° 7	28°41	5°42	25°46	5°59	6°35	15°29	n.a.	T 25
W26	9 39 42	26°57'45	18°12	29♒44	23°54	27°32	12°59	6° 4	28°38	5°42	25°47	6° 0	6°32	15°36	n.a.	W26
T 27	9 43 39	27°56'37	2♐11	28°58	25° 8	28° 8	12°51	6° 2	28°35	5°43	25°49	6°R 0	6°29	15°42	n.a.	T 27
F 28	9 47 35	28♒55'27	15♐54	28♒11	26♒22	28♏44	12♍44	5♎58	28♌33	5♐44	25♒50	6♓ 0	6♓26	15♈49	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s59	28s25	5s 4	16s 1	0n 0	22s58	1s 8	14s55	0n50	7n27	1n43	0s17	2n42	12n33	0n50	20s25	1n 7	28s49	16s34	9s18	8s46	7n51		n.a.
S 2	19 45	28 28	4 40	15 17	0 13	22 46	1 9	15 7	0 50	7 29	1 44	0 17	2 42	12 34	0 50	20 26	1 7	28 48	16 34	9 20	8 47	7 54		n.a.
M 3	19 31	26 51	4 0	14 33	0 26	22 34	1 11	15 20	0 49	7 31	1 44	0 16	2 43	12 35	0 50	20 26	1 7	28 47	16 34	9 22	8 48	7 58		n.a.
T 4	19 16	23 48	3 9	13 49	0 39	22 21	1 12	15 32	0 48	7 33	1 44	0 15	2 43	12 36	0 50	20 26	1 7	28 47	16 34	9 24	8 49	8 1		n.a.
W 5	19 1	19 37	2 9	13 6	0 53	22 7	1 13	15 44	0 47	7 35	1 44	0 15	2 43	12 37	0 50	20 26	1 7	28 46	16 33	9 25	8 50	8 4		n.a.
T 6	18 46	14 39	1 4	12 25	1 6	21 53	1 14	15 56	0 46	7 37	1 45	0 14	2 43	12 37	0 50	20 27	1 8	28 46	16 33	9 26	8 52	8 8		n.a.
F 7	18 31	9 11	0n 3	11 44	1 20	21 38	1 15	16 8	0 46	7 39	1 45	0 13	2 44	12 38	0 50	20 27	1 8	28 45	16 33	9 26	8 53	8 11		n.a.
S 8	18 15	3 28	1 9	11 5	1 34	21 22	1 16	16 19	0 45	7 41	1 45	0 13	2 44	12 39	0 50	20 27	1 8	28 44	16 33	9 26	8 54	8 14		n.a.
S 9	17 59	2n17	2 11	10 28	1 48	21 6	1 17	16 31	0 44	7 43	1 45	0 12	2 44	12 40	0 50	20 27	1 8	28 44	16 33	9 25	8 55	8 18		n.a.
M10	17 42	7 54	3 7	9 54	2 2	20 49	1 18	16 43	0 43	7 45	1 46	0 11	2 44	12 41	0 50	20 27	1 8	28 43	16 33	9 25	8 56	8 21		n.a.
T 11	17 25	13 14	3 55	9 22	2 15	20 32	1 19	16 54	0 42	7 48	1 46	0 10	2 45	12 42	0 50	20 28	1 8	28 42	16 33	9 24	8 58	8 24		n.a.
W12	17 8	18 6	4 33	8 53	2 27	20 14	1 20	17 5	0 41	7 50	1 46	0 9	2 45	12 43	0 50	20 28	1 8	28 42	16 33	9 24	8 59	8 27		n.a.
T 13	16 51	22 20	5 0	8 28	2 40	19 55	1 21	17 16	0 40	7 52	1 46	0 8	2 45	12 44	0 50	20 28	1 8	28 41	16 33	9 24	9 0	8 31		n.a.
F 14	16 33	25 41	5 14	8 6	2 51	19 36	1 21	17 27	0 39	7 55	1 46	0 7	2 45	12 44	0 50	20 28	1 8	28 41	16 33	9 24	9 1	8 34		n.a.
S 15	16 16	27 54	5 13	7 47	3 2	19 16	1 22	17 38	0 38	7 57	1 46	0 6	2 45	12 45	0 50	20 28	1 8	28 40	16 33	9 25	9 2	8 37		n.a.
S 16	15 58	28 43	4 57	7 32	3 11	18 56	1 23	17 49	0 37	8 0	1 47	0 5	2 46	12 46	0 50	20 28	1 8	28 40	16 33	9 26	9 4	8 41		n.a.
M17	15 39	27 55	4 25	7 21	3 20	18 35	1 23	18 0	0 36	8 3	1 47	0 4	2 46	12 47	0 50	20 29	1 8	28 39	16 32	9 27	9 5	8 44		n.a.
T 18	15 21	25 28	3 37	7 14	3 27	18 14	1 24	18 10	0 35	8 5	1 47	0 3	2 46	12 48	0 50	20 29	1 8	28 38	16 32	9 28	9 6	8 47		n.a.
W19	15 2	21 26	2 35	7 10	3 33	17 52	1 24	18 21	0 34	8 8	1 47	0 2	2 46	12 49	0 50	20 29	1 8	28 38	16 32	9 28	9 7	8 50		n.a.
T 20	14 43	16 3	1 22	7 11	3 37	17 30	1 24	18 31	0 33	8 10	1 47	0 1	2 47	12 50	0 50	20 29	1 8	28 37	16 32	9 29	9 8	8 54		n.a.
F 21	14 23	9 42	0 3	7 16	3 40	17 7	1 25	18 41	0 32	8 13	1 47	0n 0	2 47	12 51	0 50	20 29	1 8	28 37	16 32	9 29	9 10	8 57		n.a.
S 22	14 4	2 46	1s18	7 24	3 41	16 44	1 25	18 52	0 31	8 16	1 48	0 1	2 47	12 52	0 50	20 29	1 8	28 36	16 32	9 29	9 11	9 0		n.a.
S 23	13 44	4s18	2 33	7 36	3 41	16 20	1 25	19 2	0 29	8 19	1 48	0 3	2 47	12 53	0 50	20 29	1 8	28 36	16 32	9 28	9 12	9 4		n.a.
M24	13 24	11 7	3 39	7 51	3 39	15 56	1 25	19 11	0 28	8 21	1 48	0 4	2 47	12 53	0 50	20 29	1 8	28 35	16 32	9 28	9 13	9 7		n.a.
T 25	13 4	17 15	4 29	8 9	3 35	15 31	1 25	19 21	0 27	8 24	1 48	0 5	2 48	12 54	0 50	20 30	1 8	28 35	16 32	9 28	9 14	9 10		n.a.
W26	12 44	22 21	5 2	8 30	3 29	15 6	1 25	19 31	0 26	8 27	1 48	0 7	2 48	12 55	0 50	20 30	1 8	28 34	16 32	9 28	9 16	9 13		n.a.
T 27	12 23	26 6	5 16	8 53	3 22	14 41	1 25	19 40	0 25	8 30	1 48	0 8	2 48	12 56	0 50	20 30	1 8	28 34	16 32	9 28	9 17	9 17		n.a.
F 28	12s 2	28s15	5s12	9s17	3n13	14s15	1s25	19s50	0n23	8n33	1n48	0n 9	2n48	12n57	0n50	20s30	1n 8	28s33	16s32	9s28	9s18	9n20		n.a.

Julian Day Number = 1305434.5, Delta T = 07h46m28s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'47, Lahiri = -19°40'47 Julian Calendar 1 Feb. 1139 BCE == Greg. Calendar 21 Jan. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

MARCH 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 32	29♒54'16	29♐20	27°R23	27♒36	29♏20	12°R37	5°R55	28°R30	5♐44	25♒52	5°R59	6♓22	15♈56	n.a.	S 1
S 2	9 55 28	0♓53'02	12♑30	26♒36	28°51	29°56	12♍30	5♎52	28♌28	5°45	25°53	5♓58	6°19	16° 2	n.a.	S 2
M 3	9 59 25	1°51'47	25°26	25°50	0♓ 5	0♐32	12°22	5°49	28°25	5°45	25°55	5°58	6°16	16° 9	n.a.	M 3
T 4	10 3 22	2°50'30	8♒ 7	25° 7	1°19	1° 8	12°15	5°46	28°22	5°46	25°56	5°57	6°13	16°16	n.a.	T 4
W 5	10 7 18	3°49'10	20°37	24°26	2°33	1°44	12° 7	5°42	28°20	5°46	25°58	5°57	6°10	16°22	n.a.	W 5
T 6	10 11 15	4°47'49	2♓55	23°49	3°47	2°19	12° 0	5°39	28°17	5°47	25°59	5°D57	6° 7	16°29	n.a.	T 6
F 7	10 15 11	5°46'25	15° 3	23°16	5° 1	2°55	11°52	5°35	28°15	5°47	26° 0	5°R57	6° 3	16°36	n.a.	F 7
S 8	10 19 8	6°44'59	27° 2	22°47	6°16	3°30	11°45	5°32	28°12	5°48	26° 2	5°57	6° 0	16°42	n.a.	S 8
S 9	10 23 4	7°43'32	8♈56	22°23	7°30	4° 6	11°37	5°28	28°10	5°48	26° 3	5°57	5°57	16°49	n.a.	S 9
M10	10 27 1	8°42'01	20°46	22° 4	8°44	4°41	11°29	5°24	28° 7	5°48	26° 5	5°57	5°54	16°56	n.a.	M10
T 11	10 30 57	9°40'29	2♉36	21°50	9°58	5°16	11°22	5°21	28° 5	5°49	26° 6	5°56	5°51	17° 2	n.a.	T 11
W12	10 34 54	10°38'55	14°28	21°41	11°12	5°51	11°14	5°17	28° 2	5°49	26° 8	5°56	5°47	17° 9	n.a.	W12
T 13	10 38 50	11°37'18	26°28	21°D37	12°26	6°26	11° 6	5°13	28° 0	5°49	26° 9	5°55	5°44	17°16	n.a.	T 13
F 14	10 42 47	12°35'40	8♊38	21°38	13°40	7° 1	10°59	5° 9	27°57	5°49	26°11	5°D55	5°41	17°22	n.a.	F 14
S 15	10 46 44	13°33'59	21° 5	21°44	14°54	7°36	10°51	5° 5	27°55	5°49	26°12	5°55	5°38	17°29	n.a.	S 15
S 16	10 50 40	14°32'15	3♋51	21°56	16° 8	8°10	10°43	5° 1	27°52	5°49	26°13	5°56	5°35	17°36	n.a.	S 16
M17	10 54 37	15°30'30	17° 1	22°12	17°22	8°45	10°36	4°57	27°50	5°50	26°15	5°56	5°32	17°43	n.a.	M17
T 18	10 58 33	16°28'42	0♌36	22°32	18°36	9°19	10°28	4°53	27°47	5°50	26°16	5°57	5°28	17°49	n.a.	T 18
W19	11 2 30	17°26'53	14°38	22°57	19°50	9°53	10°20	4°49	27°45	5°R50	26°18	5°58	5°25	17°56	n.a.	W19
T 20	11 6 26	18°25'01	29° 4	23°27	21° 4	10°28	10°13	4°45	27°43	5°50	26°19	5°R58	5°22	18° 3	n.a.	T 20
F 21	11 10 23	19°23'07	13♍51	24° 0	22°18	11° 2	10° 5	4°41	27°40	5°50	26°20	5°58	5°19	18° 9	n.a.	F 21
S 22	11 14 19	20°21'11	28°51	24°38	23°32	11°35	9°58	4°37	27°38	5°49	26°22	5°58	5°16	18°16	n.a.	S 22
S 23	11 18 16	21°19'13	13♎57	25°19	24°46	12° 9	9°50	4°32	27°36	5°49	26°23	5°56	5°12	18°23	n.a.	S 23
M24	11 22 13	22°17'14	28°58	26° 4	26° 0	12°43	9°43	4°28	27°33	5°49	26°24	5°54	5° 9	18°29	n.a.	M24
T 25	11 26 9	23°15'13	13♏48	26°52	27°13	13°16	9°36	4°24	27°31	5°49	26°26	5°52	5° 6	18°36	n.a.	T 25
W26	11 30 6	24°13'11	28°18	27°44	28°27	13°50	9°28	4°19	27°29	5°49	26°27	5°51	5° 3	18°43	n.a.	W26
T 27	11 34 2	25°11'07	12♐26	28°39	29°41	14°23	9°21	4°15	27°27	5°49	26°28	5°49	5° 0	18°49	n.a.	T 27
F 28	11 37 59	26° 9'02	26°10	29°37	0♈55	14°56	9°14	4°11	27°24	5°48	26°30	5°D49	4°57	18°56	n.a.	F 28
S 29	11 41 55	27° 6'56	9♑31	0♓39	2° 9	15°28	9° 7	4° 6	27°22	5°48	26°31	5°49	4°53	19° 3	n.a.	S 29
S 30	11 45 52	28° 4'48	22°30	1°43	3°23	16° 1	9° 0	4° 2	27°20	5°48	26°32	5°50	4°50	19° 9	n.a.	S 30
M31	11 49 48	29♓ 2'39	5♒11	2♓49	4♈36	16♐34	8♍53	3♎58	27♌18	5♐47	26♒34	5♓52	4♓47	19♈16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s41	28s41	4s51	9s43	3n 3	13s49	1s24	19s59	0n22	8n36	1n48	0n11	2n48	12n58	0n50	20s30	1n 8	28s32	16s32	9s28	9s19	9n23		n.a.
S 2	11 20	27 28	4 15	10 10	2 51	13 23	1 24	20 8	0 21	8 39	1 48	0 12	2 48	12 59	0 50	20 30	1 8	28 32	16 32	9 28	9 20	9 26		n.a.
M 3	10 59	24 47	3 26	10 38	2 38	12 56	1 24	20 17	0 19	8 42	1 49	0 14	2 49	13 0	0 50	20 30	1 8	28 31	16 32	9 28	9 22	9 30		n.a.
T 4	10 38	20 55	2 28	11 6	2 25	12 29	1 23	20 26	0 18	8 45	1 49	0 15	2 49	13 1	0 50	20 30	1 8	28 31	16 33	9 29	9 23	9 33		n.a.
W 5	10 16	16 11	1 24	11 33	2 10	12 1	1 23	20 35	0 17	8 48	1 49	0 17	2 49	13 2	0 50	20 30	1 8	28 30	16 33	9 29	9 24	9 36		n.a.
T 6	9 54	10 52	0 17	12 0	1 55	11 33	1 22	20 43	0 15	8 51	1 49	0 18	2 49	13 3	0 50	20 30	1 8	28 30	16 33	9 29	9 25	9 39		n.a.
F 7	9 33	5 13	0n50	12 25	1 40	11 5	1 22	20 52	0 14	8 54	1 49	0 20	2 49	13 4	0 50	20 30	1 8	28 30	16 33	9 29	9 26	9 43		n.a.
S 8	9 11	0n33	1 54	12 50	1 24	10 37	1 21	21 0	0 12	8 57	1 49	0 21	2 49	13 4	0 50	20 30	1 8	28 29	16 33	9 29	9 28	9 46		n.a.
S 9	8 49	6 14	2 53	13 12	1 8	10 8	1 20	21 8	0 11	9 0	1 49	0 23	2 49	13 5	0 50	20 30	1 8	28 29	16 33	9 29	9 29	9 49		n.a.
M10	8 26	11 41	3 44	13 34	0 52	9 39	1 19	21 16	0 9	9 3	1 49	0 24	2 50	13 6	0 50	20 30	1 8	28 28	16 33	9 29	9 30	9 52		n.a.
T 11	8 4	16 42	4 25	13 53	0 37	9 10	1 19	21 24	0 8	9 6	1 49	0 26	2 50	13 7	0 50	20 30	1 8	28 28	16 33	9 29	9 31	9 56		n.a.
W12	7 42	21 8	4 55	14 11	0 21	8 41	1 18	21 32	0 6	9 9	1 49	0 28	2 50	13 8	0 50	20 30	1 8	28 27	16 33	9 29	9 32	9 59		n.a.
T 13	7 19	24 44	5 13	14 26	0 6	8 11	1 17	21 40	0 5	9 12	1 49	0 29	2 50	13 9	0 50	20 30	1 8	28 27	16 33	9 29	9 33	10 2		n.a.
F 14	6 57	27 19	5 17	14 39	0s 8	7 41	1 16	21 47	0 3	9 15	1 49	0 31	2 50	13 10	0 50	20 30	1 8	28 26	16 33	9 29	9 35	10 5		n.a.
S 15	6 34	28 37	5 6	14 51	0 22	7 11	1 15	21 55	0 1	9 18	1 49	0 33	2 50	13 11	0 50	20 30	1 8	28 26	16 33	9 29	9 36	10 8		n.a.
S 16	6 11	28 27	4 40	15 0	0 36	6 41	1 13	22 2	0s 0	9 20	1 49	0 34	2 50	13 11	0 50	20 30	1 9	28 26	16 33	9 29	9 37	10 12		n.a.
M17	5 48	26 41	3 59	15 7	0 49	6 11	1 12	22 9	0 2	9 23	1 49	0 36	2 50	13 12	0 50	20 30	1 9	28 25	16 34	9 29	9 38	10 15		n.a.
T 18	5 25	23 20	3 4	15 11	1 1	5 40	1 11	22 16	0 4	9 26	1 49	0 38	2 51	13 13	0 50	20 30	1 9	28 25	16 34	9 29	9 39	10 18		n.a.
W19	5 2	18 33	1 56	15 14	1 13	5 9	1 10	22 23	0 5	9 29	1 49	0 39	2 51	13 14	0 50	20 30	1 9	28 24	16 34	9 28	9 41	10 21		n.a.
T 20	4 39	12 35	0 38	15 14	1 24	4 39	1 8	22 30	0 7	9 32	1 49	0 41	2 51	13 15	0 50	20 30	1 9	28 24	16 34	9 28	9 42	10 24		n.a.
F 21	4 16	5 47	0s43	15 13	1 34	4 8	1 7	22 37	0 9	9 35	1 49	0 43	2 51	13 16	0 50	20 30	1 9	28 24	16 34	9 28	9 43	10 28		n.a.
S 22	3 53	1s25	2 3	15 9	1 44	3 37	1 5	22 43	0 11	9 38	1 49	0 45	2 51	13 16	0 50	20 30	1 9	28 23	16 34	9 28	9 44	10 31		n.a.
S 23	3 30	8 34	3 15	15 3	1 53	3 5	1 4	22 50	0 13	9 41	1 49	0 46	2 51	13 17	0 50	20 30	1 9	28 23	16 34	9 29	9 45	10 34		n.a.
M24	3 7	15 13	4 13	14 55	2 1	2 34	1 2	22 56	0 15	9 43	1 48	0 48	2 51	13 18	0 50	20 30	1 9	28 23	16 35	9 30	9 46	10 37		n.a.
T 25	2 43	20 53	4 53	14 46	2 8	2 3	1 1	23 2	0 16	9 46	1 48	0 50	2 51	13 19	0 50	20 30	1 9	28 22	16 35	9 30	9 48	10 40		n.a.
W26	2 20	25 11	5 13	14 34	2 15	1 32	0 59	23 8	0 18	9 49	1 48	0 52	2 51	13 19	0 50	20 30	1 9	28 22	16 35	9 31	9 49	10 44		n.a.
T 27	1 57	27 50	5 14	14 20	2 21	1 0	0 57	23 14	0 20	9 51	1 48	0 54	2 51	13 20	0 50	20 30	1 9	28 21	16 35	9 32	9 50	10 47		n.a.
F 28	1 33	28 42	4 56	14 4	2 27	0 29	0 56	23 20	0 22	9 54	1 48	0 55	2 51	13 21	0 50	20 30	1 9	28 21	16 35	9 32	9 51	10 50		n.a.
S 29	1 10	27 51	4 23	13 47	2 31	0n 3	0 54	23 26	0 24	9 57	1 48	0 57	2 51	13 22	0 50	20 30	1 9	28 21	16 35	9 32	9 52	10 53		n.a.
S 30	0 47	25 29	3 37	13 27	2 36	0 34	0 52	23 32	0 27	9 59	1 48	0 59	2 51	13 22	0 50	20 30	1 9	28 21	16 36	9 31	9 54	10 56		n.a.
M31	0s23	21s53	2s41	13s 6	2s39	1n 6	0s50	23s37	0s29	10n 2	1n48	1n 1	2n51	13n23	0n50	20s30	1n 9	28s20	16s36	9s31	9s55	11n 0		n.a.

Julian Day Number = 1305462.5, Delta T = 07h46m27s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'44, Lahiri = -19°40'43 Julian Calendar 1 March 1139 BCE == Greg. Calendar 18 Feb. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

APRIL 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 45	0♈ 0'28	17♒37	3♓59	5♈50	17♐ 6	8°R47	3°R53	27°R16	5°R47	26♒35	5♓53	4♓44	19♈23	n.a.	T 1
W 2	11 57 42	0°58'16	29°50	5°11	7° 4	17°38	8♍40	3♎49	27♌14	5♐47	26°36	5°R54	4°41	19°29	n.a.	W 2
T 3	12 1 38	1°56'02	11♓54	6°26	8°18	18°10	8°33	3°44	27°12	5°46	26°37	5°54	4°38	19°36	n.a.	T 3
F 4	12 5 35	2°53'47	23°52	7°43	9°32	18°42	8°27	3°40	27°10	5°46	26°39	5°53	4°34	19°43	n.a.	F 4
S 5	12 9 31	3°51'30	5♈45	9° 2	10°45	19°13	8°20	3°35	27° 8	5°45	26°40	5°50	4°31	19°50	n.a.	S 5
S 6	12 13 28	4°49'12	17°35	10°24	11°59	19°45	8°14	3°31	27° 6	5°44	26°41	5°46	4°28	19°56	n.a.	S 6
M 7	12 17 24	5°46'52	29°25	11°48	13°13	20°16	8° 8	3°27	27° 4	5°44	26°42	5°42	4°25	20° 3	n.a.	M 7
T 8	12 21 21	6°44'31	11♉16	13°15	14°27	20°46	8° 2	3°22	27° 3	5°43	26°43	5°36	4°22	20°10	n.a.	T 8
W 9	12 25 17	7°42'08	23°11	14°44	15°40	21°17	7°56	3°18	27° 1	5°43	26°45	5°31	4°18	20°16	n.a.	W 9
T 10	12 29 14	8°39'44	5♊12	16°15	16°54	21°48	7°50	3°13	26°59	5°42	26°46	5°26	4°15	20°23	n.a.	T 10
F 11	12 33 10	9°37'18	17°24	17°48	18° 8	22°18	7°45	3° 9	26°58	5°41	26°47	5°22	4°12	20°30	n.a.	F 11
S 12	12 37 7	10°34'51	29°49	19°24	19°21	22°48	7°39	3° 4	26°56	5°41	26°48	5°20	4° 9	20°36	n.a.	S 12
S 13	12 41 4	11°32'22	12♋31	21° 1	20°35	23°17	7°34	3° 0	26°54	5°40	26°49	5°D20	4° 6	20°43	n.a.	S 13
M14	12 45 0	12°29'51	25°34	22°41	21°49	23°47	7°29	2°56	26°53	5°39	26°50	5°20	4° 3	20°50	n.a.	M14
T 15	12 48 57	13°27'19	9♌ 2	24°23	23° 2	24°16	7°24	2°51	26°51	5°38	26°51	5°22	3°59	20°56	n.a.	T 15
W16	12 52 53	14°24'45	22°57	26° 8	24°16	24°45	7°19	2°47	26°50	5°37	26°52	5°23	3°56	21° 3	n.a.	W16
T 17	12 56 50	15°22'10	7♍19	27°54	25°30	25°14	7°14	2°43	26°48	5°37	26°53	5°R24	3°53	21°10	n.a.	T 17
F 18	13 0 46	16°19'34	22° 4	29°43	26°43	25°42	7° 9	2°39	26°47	5°36	26°54	5°22	3°50	21°16	n.a.	F 18
S 19	13 4 43	17°16'56	7♎ 9	1♈34	27°57	26°10	7° 5	2°34	26°46	5°35	26°55	5°20	3°47	21°23	n.a.	S 19
S 20	13 8 39	18°14'17	22°25	3°27	29°10	26°38	7° 1	2°30	26°44	5°34	26°56	5°15	3°44	21°30	n.a.	S 20
M21	13 12 36	19°11'37	7♏40	5°22	0♉24	27° 6	6°56	2°26	26°43	5°33	26°57	5° 9	3°40	21°37	n.a.	M21
T 22	13 16 33	20° 8'56	22°45	7°19	1°37	27°33	6°53	2°22	26°42	5°32	26°58	5° 2	3°37	21°43	n.a.	T 22
W23	13 20 29	21° 6'14	7♐31	9°18	2°51	28° 0	6°49	2°18	26°41	5°31	26°59	4°56	3°34	21°50	n.a.	W23
T 24	13 24 26	22° 3'31	21°51	11°20	4° 4	28°27	6°45	2°14	26°40	5°30	27° 0	4°51	3°31	21°57	n.a.	T 24
F 25	13 28 22	23° 0'48	5♑43	13°23	5°18	28°53	6°42	2°10	26°38	5°29	27° 1	4°48	3°28	22° 3	n.a.	F 25
S 26	13 32 19	23°58'05	19° 6	15°27	6°31	29°19	6°38	2° 6	26°37	5°28	27° 2	4°D47	3°24	22°10	n.a.	S 26
S 27	13 36 15	24°55'20	2♒ 3	17°34	7°45	29°45	6°35	2° 2	26°36	5°26	27° 3	4°47	3°21	22°17	n.a.	S 27
M28	13 40 12	25°52'35	14°39	19°42	8°58	0♑10	6°32	1°58	26°36	5°25	27° 4	4°48	3°18	22°23	n.a.	M28
T 29	13 44 9	26°49'49	26°57	21°51	10°12	0°35	6°29	1°54	26°35	5°24	27° 5	4°49	3°15	22°30	n.a.	T 29
W30	13 48 5	27♈47'03	9♓ 2	24♈ 1	11♉25	0♑59	6♍27	1♎50	26♌34	5♐23	27♒ 6	4°R49	3♓12	22♈37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 0	17s23	1s39	12s43	2s42	1n37	0s48	23s42	0s31	10n 4	1n48	1n 3	2n51	13n24	0n50	20s30	1n 9	28s20	16s36	9s30	9s56	11n 3		n.a.
W 2	0 24	12 14	0 33	12 18	2 44	2 9	0 46	23 48	0 33	10 7	1 47	1 4	2 51	13 24	0 50	20 29	1 9	28 20	16 36	9 30	9 57	11 6		n.a.
T 3	0 47	6 42	0n33	11 51	2 45	2 40	0 44	23 53	0 35	10 9	1 47	1 6	2 51	13 25	0 50	20 29	1 9	28 19	16 36	9 30	9 58	11 9		n.a.
F 4	1 10	1 0	1 37	11 23	2 46	3 11	0 42	23 58	0 38	10 11	1 47	1 8	2 51	13 26	0 50	20 29	1 9	28 19	16 37	9 30	9 59	11 12		n.a.
S 5	1 33	4n42	2 36	10 52	2 46	3 43	0 40	24 3	0 40	10 13	1 47	1 10	2 51	13 26	0 50	20 29	1 9	28 19	16 37	9 31	10 1	11 15		n.a.
S 6	1 57	10 13	3 29	10 21	2 46	4 14	0 38	24 8	0 42	10 16	1 47	1 12	2 51	13 27	0 50	20 29	1 9	28 19	16 37	9 33	10 2	11 19		n.a.
M 7	2 20	15 22	4 12	9 47	2 45	4 45	0 36	24 13	0 45	10 18	1 47	1 13	2 51	13 28	0 49	20 29	1 9	28 18	16 37	9 34	10 3	11 22		n.a.
T 8	2 43	19 57	4 44	9 12	2 43	5 16	0 34	24 17	0 47	10 20	1 46	1 15	2 51	13 28	0 49	20 29	1 9	28 18	16 38	9 37	10 4	11 25		n.a.
W 9	3 6	23 46	5 5	8 35	2 41	5 47	0 32	24 22	0 49	10 22	1 46	1 17	2 51	13 29	0 49	20 29	1 9	28 18	16 38	9 39	10 5	11 28		n.a.
T 10	3 29	26 37	5 12	7 56	2 38	6 18	0 29	24 26	0 52	10 24	1 46	1 19	2 51	13 29	0 49	20 28	1 9	28 18	16 38	9 40	10 7	11 31		n.a.
F 11	3 52	28 17	5 5	7 16	2 35	6 48	0 27	24 31	0 54	10 26	1 46	1 20	2 51	13 30	0 49	20 28	1 9	28 18	16 38	9 42	10 8	11 34		n.a.
S 12	4 15	28 34	4 44	6 34	2 31	7 19	0 25	24 35	0 57	10 28	1 46	1 22	2 51	13 30	0 49	20 28	1 9	28 17	16 38	9 42	10 9	11 37		n.a.
S 13	4 38	27 21	4 9	5 51	2 26	7 49	0 23	24 39	1 0	10 30	1 45	1 24	2 51	13 31	0 49	20 28	1 9	28 17	16 39	9 43	10 10	11 41		n.a.
M14	5 1	24 39	3 20	5 6	2 21	8 19	0 20	24 43	1 2	10 32	1 45	1 25	2 51	13 32	0 49	20 28	1 9	28 17	16 39	9 42	10 11	11 44		n.a.
T 15	5 24	20 31	2 18	4 20	2 15	8 49	0 18	24 47	1 5	10 33	1 45	1 27	2 51	13 32	0 49	20 28	1 9	28 17	16 39	9 42	10 12	11 47		n.a.
W16	5 46	15 9	1 7	3 32	2 9	9 19	0 16	24 51	1 8	10 35	1 45	1 29	2 51	13 32	0 49	20 28	1 9	28 17	16 40	9 41	10 14	11 50		n.a.
T 17	6 9	8 48	0s10	2 43	2 2	9 49	0 13	24 55	1 11	10 37	1 45	1 30	2 51	13 33	0 49	20 27	1 9	28 17	16 40	9 41	10 15	11 53		n.a.
F 18	6 31	1 50	1 29	1 52	1 55	10 18	0 11	24 59	1 13	10 38	1 44	1 32	2 51	13 33	0 49	20 27	1 9	28 17	16 40	9 42	10 16	11 56		n.a.
S 19	6 54	5s23	2 44	1 0	1 47	10 47	0 9	25 3	1 16	10 40	1 44	1 34	2 51	13 34	0 49	20 27	1 9	28 16	16 40	9 43	10 17	11 59		n.a.
S 20	7 16	12 22	3 47	0 7	1 39	11 16	0 6	25 6	1 19	10 41	1 44	1 35	2 50	13 34	0 49	20 27	1 9	28 16	16 41	9 44	10 18	12 2		n.a.
M21	7 38	18 36	4 34	0n47	1 31	11 44	0 4	25 10	1 22	10 42	1 44	1 37	2 50	13 35	0 49	20 27	1 9	28 16	16 41	9 47	10 19	12 6		n.a.
T 22	8 0	23 37	5 1	1 42	1 21	12 13	0 1	25 14	1 25	10 44	1 43	1 39	2 50	13 35	0 49	20 26	1 9	28 16	16 41	9 49	10 21	12 9		n.a.
W23	8 22	26 59	5 8	2 39	1 12	12 41	0n 1	25 17	1 28	10 45	1 43	1 40	2 50	13 35	0 49	20 26	1 9	28 16	16 41	9 51	10 22	12 12		n.a.
T 24	8 44	28 29	4 55	3 36	1 2	13 8	0 4	25 21	1 31	10 46	1 43	1 42	2 50	13 36	0 49	20 26	1 9	28 16	16 42	9 53	10 23	12 15		n.a.
F 25	9 5	28 7	4 25	4 34	0 52	13 36	0 6	25 24	1 34	10 47	1 43	1 43	2 50	13 36	0 49	20 26	1 9	28 16	16 42	9 54	10 24	12 18		n.a.
S 26	9 27	26 6	3 41	5 32	0 42	14 3	0 8	25 27	1 38	10 48	1 42	1 45	2 50	13 36	0 49	20 26	1 9	28 16	16 42	9 55	10 25	12 21		n.a.
S 27	9 48	22 44	2 47	6 31	0 31	14 30	0 11	25 31	1 41	10 49	1 42	1 46	2 50	13 37	0 49	20 25	1 9	28 16	16 43	9 55	10 26	12 24		n.a.
M28	10 9	18 24	1 47	7 30	0 21	14 56	0 13	25 34	1 44	10 50	1 42	1 48	2 50	13 37	0 49	20 25	1 9	28 16	16 43	9 55	10 28	12 27		n.a.
T 29	10 30	13 24	0 42	8 29	0 10	15 22	0 16	25 37	1 47	10 51	1 42	1 49	2 49	13 37	0 49	20 25	1 10	28 16	16 43	9 54	10 29	12 30		n.a.
W30	10n51	7s58	0n23	9n28	0n 0	15n48	0n18	25s40	1s51	10n51	1n41	1n50	2n49	13n38	0n49	20s25	1n10	28s16	16s44	9s54	10s30	12n33		n.a.

Julian Day Number = 1305493.5, Delta T = 07h46m25s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'39, Lahiri = -19°40'39 Julian Calendar 1 Apr. 1139 BCE == Greg. Calendar 21 March 1139 BCE

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

MAY 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 2	28♈44'16	20♓58	26♈12	12♉39	1♊23	6°R24	1°R47	26°R33	5°R22	27♒ 6	4°R47	3♓ 9	22♈43	n.a.	T 1
F 2	13 55 58	29°41'29	2♈49	28°23	13°52	1°47	6♍22	1♎43	26♌32	5♐21	27° 7	4♓44	3° 5	22°50	n.a.	F 2
S 3	13 59 55	0♉38'41	14°38	0♉35	15° 6	2°10	6°20	1°39	26°32	5°19	27° 8	4°38	3° 2	22°57	n.a.	S 3
S 4	14 3 51	1°35'52	26°28	2°46	16°19	2°33	6°18	1°36	26°31	5°18	27° 9	4°29	2°59	23° 3	n.a.	S 4
M 5	14 7 48	2°33'03	8♉20	4°57	17°32	2°56	6°16	1°32	26°30	5°17	27° 9	4°19	2°56	23°10	n.a.	M 5
T 6	14 11 44	3°30'13	20°15	7° 8	18°46	3°17	6°14	1°29	26°30	5°16	27°10	4° 8	2°53	23°17	n.a.	T 6
W 7	14 15 41	4°27'23	2♊16	9°18	19°59	3°39	6°13	1°25	26°29	5°14	27°11	3°57	2°49	23°24	n.a.	W 7
T 8	14 19 38	5°24'32	14°25	11°27	21°13	4° 0	6°12	1°22	26°29	5°13	27°11	3°47	2°46	23°30	n.a.	T 8
F 9	14 23 34	6°21'40	26°42	13°35	22°26	4°21	6°11	1°19	26°29	5°12	27°12	3°39	2°43	23°37	n.a.	F 9
S 10	14 27 31	7°18'48	9♋11	15°41	23°39	4°41	6°10	1°16	26°28	5°10	27°13	3°33	2°40	23°44	n.a.	S 10
S 11	14 31 27	8°15'55	21°54	17°46	24°53	5° 0	6° 9	1°13	26°28	5° 9	27°13	3°30	2°37	23°50	n.a.	S 11
M12	14 35 24	9°13'01	4♌54	19°49	26° 6	5°19	6° 9	1°10	26°28	5° 7	27°14	3°D29	2°34	23°57	n.a.	M12
T 13	14 39 20	10°10'06	18°16	21°50	27°19	5°38	6° 8	1° 7	26°28	5° 6	27°15	3°29	2°30	24° 4	n.a.	T 13
W14	14 43 17	11° 7'11	2♍ 1	23°49	28°33	5°56	6°D 8	1° 4	26°28	5° 5	27°15	3°R29	2°27	24°10	n.a.	W14
T 15	14 47 13	12° 4'16	16°12	25°46	29°46	6°14	6° 8	1° 1	26°D28	5° 3	27°16	3°29	2°24	24°17	n.a.	T 15
F 16	14 51 10	13° 1'19	0♎46	27°42	0♊59	6°30	6° 9	0°58	26°28	5° 2	27°16	3°26	2°21	24°24	n.a.	F 16
S 17	14 55 7	13°58'23	15°41	29°35	2°12	6°47	6° 9	0°55	26°28	5° 0	27°17	3°22	2°18	24°30	n.a.	S 17
S 18	14 59 3	14°55'26	0♏51	1♊25	3°26	7° 3	6°10	0°53	26°28	4°59	27°17	3°14	2°15	24°37	n.a.	S 18
M19	15 3 0	15°52'28	16° 5	3°14	4°39	7°18	6°10	0°50	26°28	4°57	27°18	3° 5	2°11	24°44	n.a.	M19
T 20	15 6 56	16°49'31	1♐12	5° 1	5°52	7°33	6°11	0°48	26°28	4°56	27°18	2°55	2° 8	24°51	n.a.	T 20
W21	15 10 53	17°46'34	16° 3	6°45	7° 5	7°47	6°12	0°46	26°28	4°54	27°18	2°45	2° 5	24°57	n.a.	W21
T 22	15 14 49	18°43'37	0♑30	8°27	8°18	8° 0	6°14	0°43	26°29	4°53	27°19	2°36	2° 2	25° 4	n.a.	T 22
F 23	15 18 46	19°40'40	14°28	10° 7	9°32	8°13	6°15	0°41	26°29	4°51	27°19	2°30	1°59	25°11	n.a.	F 23
S 24	15 22 43	20°37'43	27°57	11°45	10°45	8°25	6°17	0°39	26°30	4°49	27°20	2°26	1°55	25°17	n.a.	S 24
S 25	15 26 39	21°34'47	10♒57	13°20	11°58	8°37	6°19	0°37	26°30	4°48	27°20	2°25	1°52	25°24	n.a.	S 25
M26	15 30 36	22°31'51	23°34	14°54	13°11	8°47	6°21	0°35	26°31	4°46	27°20	2°D24	1°49	25°31	n.a.	M26
T 27	15 34 32	23°28'55	5♓51	16°25	14°24	8°57	6°23	0°33	26°31	4°45	27°20	2°R24	1°46	25°37	n.a.	T 27
W28	15 38 29	24°25'59	17°54	17°54	15°37	9° 7	6°25	0°32	26°32	4°43	27°21	2°24	1°43	25°44	n.a.	W28
T 29	15 42 25	25°23'04	29°47	19°20	16°50	9°16	6°28	0°30	26°32	4°42	27°21	2°21	1°40	25°51	n.a.	T 29
F 30	15 46 22	26°20'10	11♈37	20°44	18° 3	9°23	6°30	0°28	26°33	4°40	27°21	2°16	1°36	25°58	n.a.	F 30
S 31	15 50 18	27♉17'16	23♈26	22♊ 6	19♊17	9♊31	6♍33	0♎27	26♌34	4♐38	27♒21	2♓ 9	1♓33	26♈ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n12	2s20	1n26	10n27	0n11	16n13	0n21	25s44	1s54	10n52	1n41	1n52	2n49	13n38	0n49	20s25	1n10	28s16	16s44	9s55	10s31	12n36		n.a.
F 2	11 33	3n21	2 24	11 24	0 21	16 38	0 23	25 47	1 58	10 53	1 41	1 53	2 49	13 38	0 49	20 24	1 10	28 16	16 44	9 56	10 32	12 40		n.a.
S 3	11 53	8 52	3 17	12 21	0 32	17 2	0 26	25 50	2 1	10 53	1 40	1 54	2 49	13 38	0 49	20 24	1 10	28 16	16 45	9 58	10 33	12 43		n.a.
S 4	12 13	14 6	4 0	13 17	0 42	17 26	0 28	25 53	2 5	10 54	1 40	1 56	2 49	13 38	0 49	20 24	1 10	28 16	16 45	10 1	10 35	12 46		n.a.
M 5	12 33	18 49	4 33	14 11	0 51	17 50	0 30	25 56	2 8	10 54	1 40	1 57	2 49	13 38	0 48	20 24	1 10	28 16	16 45	10 5	10 36	12 49		n.a.
T 6	12 53	22 49	4 55	15 4	1 0	18 13	0 33	25 59	2 12	10 54	1 40	1 58	2 48	13 39	0 48	20 23	1 10	28 16	16 46	10 9	10 37	12 52		n.a.
W 7	13 13	25 54	5 3	15 55	1 9	18 35	0 35	26 3	2 16	10 55	1 39	1 59	2 48	13 39	0 48	20 23	1 10	28 16	16 46	10 13	10 38	12 55		n.a.
T 8	13 32	27 51	4 58	16 44	1 17	18 58	0 37	26 6	2 19	10 55	1 39	2 1	2 48	13 39	0 48	20 23	1 10	28 16	16 46	10 17	10 39	12 58		n.a.
F 9	13 52	28 27	4 40	17 31	1 25	19 19	0 40	26 9	2 23	10 55	1 39	2 2	2 48	13 39	0 48	20 23	1 10	28 16	16 47	10 20	10 40	13 1		n.a.
S 10	14 11	27 37	4 7	18 16	1 32	19 40	0 42	26 12	2 27	10 55	1 38	2 3	2 48	13 39	0 48	20 22	1 10	28 16	16 47	10 22	10 42	13 4		n.a.
S 11	14 29	25 21	3 22	18 58	1 38	20 1	0 44	26 15	2 31	10 55	1 38	2 4	2 47	13 39	0 48	20 22	1 10	28 16	16 47	10 23	10 43	13 7		n.a.
M12	14 48	21 43	2 26	19 39	1 44	20 21	0 47	26 18	2 35	10 55	1 38	2 5	2 47	13 39	0 48	20 22	1 10	28 16	16 48	10 24	10 44	13 10		n.a.
T 13	15 6	16 52	1 20	20 16	1 49	20 41	0 49	26 21	2 39	10 55	1 38	2 6	2 47	13 39	0 48	20 22	1 10	28 16	16 48	10 24	10 45	13 13		n.a.
W14	15 25	11 3	0 8	20 51	1 53	21 0	0 51	26 25	2 43	10 55	1 37	2 7	2 47	13 39	0 48	20 21	1 10	28 17	16 48	10 23	10 46	13 16		n.a.
T 15	15 43	4 30	1s 7	21 24	1 57	21 18	0 53	26 28	2 47	10 54	1 37	2 8	2 47	13 39	0 48	20 21	1 10	28 17	16 49	10 24	10 47	13 19		n.a.
F 16	16 0	2s26	2 19	21 54	2 0	21 36	0 55	26 31	2 51	10 54	1 37	2 9	2 46	13 39	0 48	20 21	1 10	28 17	16 49	10 25	10 49	13 22		n.a.
S 17	16 18	9 24	3 24	22 22	2 2	21 53	0 58	26 35	2 56	10 54	1 36	2 10	2 46	13 39	0 48	20 20	1 10	28 17	16 49	10 26	10 50	13 25		n.a.
S 18	16 35	15 56	4 15	22 48	2 3	22 10	1 0	26 38	3 0	10 53	1 36	2 11	2 46	13 39	0 48	20 20	1 10	28 17	16 50	10 29	10 51	13 28		n.a.
M19	16 52	21 31	4 49	23 11	2 4	22 26	1 2	26 41	3 4	10 52	1 36	2 11	2 46	13 39	0 48	20 20	1 10	28 17	16 50	10 32	10 52	13 31		n.a.
T 20	17 8	25 39	5 1	23 31	2 4	22 41	1 4	26 45	3 8	10 52	1 35	2 12	2 46	13 39	0 48	20 20	1 10	28 18	16 51	10 36	10 53	13 34		n.a.
W21	17 25	27 57	4 54	23 50	2 4	22 56	1 6	26 48	3 13	10 51	1 35	2 13	2 45	13 39	0 48	20 19	1 10	28 18	16 51	10 40	10 54	13 37		n.a.
T 22	17 41	28 17	4 27	24 6	2 3	23 10	1 8	26 52	3 17	10 50	1 35	2 14	2 45	13 38	0 48	20 19	1 10	28 18	16 51	10 43	10 55	13 40		n.a.
F 23	17 57	26 46	3 45	24 20	2 1	23 23	1 9	26 56	3 22	10 50	1 35	2 14	2 45	13 38	0 48	20 19	1 10	28 18	16 52	10 45	10 57	13 43		n.a.
S 24	18 12	23 43	2 52	24 31	1 59	23 36	1 11	26 59	3 26	10 49	1 34	2 15	2 45	13 38	0 48	20 18	1 10	28 18	16 52	10 46	10 58	13 46		n.a.
S 25	18 27	19 33	1 51	24 41	1 56	23 48	1 13	27 3	3 31	10 48	1 34	2 15	2 44	13 38	0 48	20 18	1 10	28 19	16 52	10 47	10 59	13 49		n.a.
M26	18 42	14 37	0 47	24 49	1 52	24 0	1 15	27 7	3 35	10 47	1 34	2 16	2 44	13 38	0 48	20 18	1 10	28 19	16 53	10 47	11 0	13 52		n.a.
T 27	18 57	9 14	0n18	24 55	1 48	24 10	1 17	27 11	3 40	10 46	1 33	2 17	2 44	13 37	0 48	20 18	1 10	28 19	16 53	10 47	11 1	13 55		n.a.
W28	19 11	3 37	1 21	24 59	1 43	24 20	1 18	27 15	3 45	10 44	1 33	2 17	2 44	13 37	0 47	20 17	1 10	28 19	16 53	10 47	11 2	13 58		n.a.
T 29	19 25	2n 2	2 19	25 1	1 38	24 30	1 20	27 19	3 49	10 43	1 33	2 17	2 43	13 37	0 47	20 17	1 10	28 19	16 54	10 48	11 4	14 1		n.a.
F 30	19 39	7 35	3 11	25 2	1 32	24 38	1 21	27 23	3 54	10 42	1 33	2 18	2 43	13 37	0 47	20 17	1 10	28 20	16 54	10 50	11 5	14 4		n.a.
S 31	19n53	12n52	3n55	25n 1	1n25	24n46	1n23	27s27	3s59	10n41	1n32	2n18	2n43	13n36	0n47	20s16	1n10	28s20	16s55	10s53	11s 6	14n 7		n.a.

Julian Day Number = 1305523.5, Delta T = 07h46m23s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'35, Lahiri = -19°40'35 Julian Calendar 1 May 1139 BCE == Greg. Calendar 20 Apr. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

JUNE 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 15	28♉14'22	5♉17	23♊26	20♊30	9♑37	6♍36	0°R26	26♌35	4°R37	27♒21	1°R58	1♓30	26♈11	n.a.	S 1
M 2	15 58 12	29°11'29	17°14	24°43	21°43	9°43	6°39	0♎24	26°36	4♐35	27°22	1♓46	1°27	26°18	n.a.	M 2
T 3	16 2 8	0♊ 8'36	29°17	25°58	22°56	9°48	6°43	0°23	26°37	4°34	27°22	1°32	1°24	26°24	n.a.	T 3
W 4	16 6 5	1° 5'44	11♊28	27°10	24° 9	9°52	6°46	0°22	26°38	4°32	27°22	1°19	1°21	26°31	n.a.	W 4
T 5	16 10 1	2° 2'52	23°48	28°19	25°22	9°55	6°50	0°21	26°39	4°30	27°22	1° 6	1°17	26°38	n.a.	T 5
F 6	16 13 58	3° 0'00	6♋17	29°26	26°35	9°58	6°54	0°20	26°40	4°29	27°22	0°56	1°14	26°44	n.a.	F 6
S 7	16 17 54	3°57'09	18°57	0♋30	27°48	10° 0	6°58	0°19	26°41	4°27	27°22	0°48	1°11	26°51	n.a.	S 7
S 8	16 21 51	4°54'18	1♌49	1°31	29° 1	10° 1	7° 2	0°18	26°42	4°25	27°R22	0°44	1° 8	26°58	n.a.	S 8
M 9	16 25 48	5°51'28	14°55	2°30	0♋14	10°R 1	7° 7	0°18	26°43	4°24	27°22	0°41	1° 5	27° 5	n.a.	M 9
T 10	16 29 44	6°48'37	28°18	3°25	1°27	10° 1	7°11	0°17	26°45	4°22	27°22	0°41	1° 1	27°11	n.a.	T 10
W11	16 33 41	7°45'47	11♍58	4°17	2°40	9°59	7°16	0°17	26°46	4°21	27°22	0°41	0°58	27°18	n.a.	W11
T 12	16 37 37	8°42'57	25°59	5° 6	3°52	9°57	7°21	0°16	26°47	4°19	27°22	0°40	0°55	27°25	n.a.	T 12
F 13	16 41 34	9°40'08	10♎19	5°51	5° 5	9°54	7°26	0°16	26°49	4°17	27°22	0°38	0°52	27°31	n.a.	F 13
S 14	16 45 30	10°37'19	24°57	6°32	6°18	9°51	7°31	0°16	26°50	4°16	27°22	0°33	0°49	27°38	n.a.	S 14
S 15	16 49 27	11°34'31	9♏48	7°10	7°31	9°46	7°36	0°D16	26°52	4°14	27°22	0°25	0°46	27°45	n.a.	S 15
M16	16 53 23	12°31'43	24°46	7°44	8°44	9°41	7°41	0°16	26°54	4°13	27°21	0°15	0°42	27°51	n.a.	M16
T 17	16 57 20	13°28'56	9♐40	8°14	9°57	9°35	7°47	0°16	26°55	4°11	27°21	0° 5	0°39	27°58	n.a.	T 17
W18	17 1 17	14°26'10	24°22	8°39	11° 9	9°29	7°53	0°16	26°57	4° 9	27°21	29♒55	0°36	28° 5	n.a.	W18
T 19	17 5 13	15°23'25	8♑45	9° 0	12°22	9°22	7°59	0°17	26°59	4° 8	27°21	29°45	0°33	28°12	n.a.	T 19
F 20	17 9 10	16°20'41	22°42	9°17	13°35	9°14	8° 5	0°17	27° 1	4° 6	27°21	29°39	0°30	28°18	n.a.	F 20
S 21	17 13 6	17°17'58	6♒12	9°28	14°48	9° 5	8°11	0°18	27° 2	4° 5	27°20	29°34	0°27	28°25	n.a.	S 21
S 22	17 17 3	18°15'17	19°15	9°35	16° 0	8°55	8°17	0°18	27° 4	4° 3	27°20	29°32	0°23	28°32	n.a.	S 22
M23	17 20 59	19°12'36	1♓54	9°R37	17°13	8°45	8°24	0°19	27° 6	4° 2	27°20	29°D32	0°20	28°38	n.a.	M23
T 24	17 24 56	20° 9'57	14°13	9°34	18°26	8°35	8°30	0°20	27° 8	4° 0	27°19	29°R32	0°17	28°45	n.a.	T 24
W25	17 28 53	21° 7'19	26°17	9°25	19°38	8°23	8°37	0°20	27°10	3°58	27°19	29°32	0°14	28°52	n.a.	W25
T 26	17 32 49	22° 4'42	8♈12	9°11	20°51	8°12	8°44	0°21	27°12	3°57	27°19	29°31	0°11	28°59	n.a.	T 26
F 27	17 36 46	23° 2'07	20° 3	8°53	22° 3	7°59	8°51	0°23	27°14	3°55	27°18	29°28	0° 7	29° 5	n.a.	F 27
S 28	17 40 42	23°59'33	1♉53	8°29	23°16	7°46	8°58	0°24	27°16	3°54	27°18	29°22	0° 4	29°12	n.a.	S 28
S 29	17 44 39	24°57'01	13°48	8° 0	24°29	7°33	9° 5	0°25	27°19	3°52	27°17	29°14	0° 1	29°19	n.a.	S 29
M30	17 48 35	25♊54'30	25♉51	7♋27	25♋41	7♑19	9♍13	0♎26	27♌21	3♐51	27♒17	29♒ 4	29♒58	29♈25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 6	17n42	4n28	24n58	1n18	24n53	1n24	27s31	4s 3	10n39	1n32	2n19	2n43	13n36	0n47	20s16	1n10	28s20	16s55	10s57	11s 7	14n10		n.a.
M 2	20 18	21 53	4 50	24 54	1 11	25 0	1 26	27 36	4 8	10 38	1 32	2 19	2 42	13 36	0 47	20 16	1 10	28 21	16 55	11 1	11 8	14 13		n.a.
T 3	20 31	25 11	4 59	24 49	1 3	25 5	1 27	27 40	4 13	10 36	1 31	2 19	2 42	13 35	0 47	20 16	1 10	28 21	16 56	11 6	11 9	14 16		n.a.
W 4	20 43	27 24	4 55	24 42	0 54	25 10	1 28	27 45	4 18	10 34	1 31	2 19	2 42	13 35	0 47	20 15	1 10	28 21	16 56	11 11	11 10	14 19		n.a.
T 5	20 55	28 18	4 37	24 34	0 45	25 14	1 29	27 49	4 23	10 33	1 31	2 19	2 42	13 34	0 47	20 15	1 10	28 22	16 56	11 16	11 12	14 22		n.a.
F 6	21 6	27 46	4 5	24 25	0 36	25 18	1 31	27 54	4 27	10 31	1 30	2 20	2 41	13 34	0 47	20 15	1 10	28 22	16 57	11 19	11 13	14 25		n.a.
S 7	21 17	25 47	3 21	24 15	0 26	25 21	1 32	27 58	4 32	10 29	1 30	2 20	2 41	13 34	0 47	20 14	1 10	28 22	16 57	11 22	11 14	14 28		n.a.
S 8	21 28	22 27	2 26	24 5	0 15	25 22	1 33	28 3	4 37	10 27	1 30	2 20	2 41	13 33	0 47	20 14	1 10	28 23	16 58	11 24	11 15	14 31		n.a.
M 9	21 38	17 56	1 22	23 53	0 4	25 24	1 34	28 8	4 42	10 26	1 30	2 20	2 41	13 33	0 47	20 14	1 10	28 23	16 58	11 25	11 16	14 34		n.a.
T 10	21 48	12 27	0 13	23 40	0s 7	25 24	1 35	28 13	4 47	10 24	1 29	2 20	2 40	13 32	0 47	20 14	1 10	28 23	16 58	11 25	11 17	14 37		n.a.
W11	21 58	6 16	0s59	23 27	0 19	25 24	1 35	28 18	4 51	10 22	1 29	2 20	2 40	13 32	0 47	20 13	1 10	28 24	16 59	11 25	11 18	14 40		n.a.
T 12	22 7	0s21	2 9	23 13	0 31	25 23	1 36	28 22	4 56	10 19	1 29	2 20	2 40	13 31	0 47	20 13	1 10	28 24	16 59	11 25	11 20	14 43		n.a.
F 13	22 16	7 6	3 13	22 59	0 43	25 21	1 37	28 27	5 1	10 17	1 28	2 19	2 40	13 30	0 47	20 13	1 10	28 24	16 59	11 26	11 21	14 46		n.a.
S 14	22 24	13 36	4 5	22 45	0 56	25 18	1 37	28 32	5 6	10 15	1 28	2 19	2 39	13 30	0 47	20 12	1 9	28 25	17 0	11 28	11 22	14 49		n.a.
S 15	22 32	19 26	4 42	22 30	1 8	25 15	1 38	28 37	5 10	10 13	1 28	2 19	2 39	13 29	0 47	20 12	1 9	28 25	17 0	11 30	11 23	14 52		n.a.
M16	22 40	24 6	5 0	22 15	1 22	25 11	1 38	28 42	5 15	10 11	1 28	2 19	2 39	13 29	0 47	20 12	1 9	28 25	17 1	11 34	11 24	14 54		n.a.
T 17	22 47	27 9	4 57	21 59	1 35	25 6	1 39	28 47	5 19	10 8	1 27	2 19	2 39	13 28	0 47	20 12	1 9	28 26	17 1	11 38	11 25	14 57		n.a.
W18	22 54	28 17	4 34	21 44	1 49	25 0	1 39	28 52	5 24	10 6	1 27	2 18	2 38	13 28	0 47	20 11	1 9	28 26	17 1	11 41	11 26	15 0		n.a.
T 19	23 1	27 27	3 55	21 29	2 2	24 54	1 39	28 57	5 28	10 3	1 27	2 18	2 38	13 27	0 47	20 11	1 9	28 27	17 2	11 45	11 28	15 3		n.a.
F 20	23 7	24 53	3 2	21 14	2 16	24 47	1 40	29 2	5 33	10 1	1 27	2 17	2 38	13 26	0 47	20 11	1 9	28 27	17 2	11 47	11 29	15 6		n.a.
S 21	23 13	20 58	2 0	21 0	2 30	24 39	1 40	29 7	5 37	9 58	1 26	2 17	2 37	13 26	0 46	20 10	1 9	28 28	17 2	11 49	11 30	15 9		n.a.
S 22	23 18	16 9	0 54	20 46	2 43	24 30	1 40	29 12	5 41	9 55	1 26	2 16	2 37	13 25	0 46	20 10	1 9	28 28	17 3	11 49	11 31	15 12		n.a.
M23	23 23	10 47	0n13	20 32	2 57	24 21	1 40	29 16	5 45	9 53	1 26	2 16	2 37	13 24	0 46	20 10	1 9	28 28	17 3	11 49	11 32	15 15		n.a.
T 24	23 28	5 8	1 17	20 20	3 10	24 11	1 40	29 21	5 49	9 50	1 26	2 15	2 37	13 23	0 46	20 10	1 9	28 29	17 3	11 49	11 33	15 18		n.a.
W25	23 32	0n36	2 17	20 8	3 22	24 0	1 39	29 26	5 53	9 47	1 25	2 15	2 36	13 23	0 46	20 9	1 9	28 29	17 4	11 49	11 34	15 21		n.a.
T 26	23 35	6 13	3 10	19 56	3 35	23 49	1 39	29 30	5 56	9 44	1 25	2 14	2 36	13 22	0 46	20 9	1 9	28 30	17 4	11 50	11 36	15 23		n.a.
F 27	23 39	11 34	3 55	19 46	3 46	23 37	1 39	29 35	6 0	9 41	1 25	2 13	2 36	13 21	0 46	20 9	1 9	28 30	17 4	11 51	11 37	15 26		n.a.
S 28	23 42	16 31	4 29	19 37	3 57	23 24	1 38	29 39	6 3	9 38	1 25	2 13	2 36	13 20	0 46	20 9	1 9	28 31	17 5	11 53	11 38	15 29		n.a.
S 29	23 44	20 53	4 52	19 29	4 7	23 11	1 38	29 43	6 7	9 35	1 24	2 12	2 35	13 20	0 46	20 8	1 9	28 31	17 5	11 56	11 39	15 32		n.a.
M30	23n46	24n25	5n 3	19n22	4s15	22n57	1n37	29s47	6s10	9n32	1n24	2n11	2n35	13n19	0n46	20s 8	1n 9	28s32	17s 5	11s59	11s40	15n35		n.a.

Julian Day Number = 1305554.5, Delta T = 07h46m22s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'31, Lahiri = -19°40'31 Julian Calendar 1 June 1139 BCE == Greg. Calendar 21 May 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

JULY 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 32	26♊52'00	8♊ 3	6°R49	26♋54	7°R 4	9♍20	0♎28	27♌23	3°R50	27°R16	28°R52	29♒55	29♈32	n.a.	T 1
W 2	17 56 28	27°49'32	20°26	6♋ 8	28° 6	6♏50	9°28	0°29	27°26	3♐48	27♒16	28♒41	29°52	29°39	n.a.	W 2
T 3	18 0 25	28°47'05	3♋ 1	5°23	29°19	6°35	9°36	0°31	27°28	3°47	27°15	28°31	29°48	29°45	n.a.	T 3
F 4	18 4 22	29°44'40	15°47	4°37	0♌31	6°19	9°43	0°33	27°30	3°45	27°15	28°23	29°45	29°52	n.a.	F 4
S 5	18 8 18	0♋42'16	28°46	3°48	1°43	6° 4	9°51	0°35	27°33	3°44	27°14	28°17	29°42	29°59	n.a.	S 5
S 6	18 12 15	1°39'53	11♌55	2°59	2°56	5°48	10° 0	0°36	27°35	3°42	27°14	28°13	29°39	0♉ 6	n.a.	S 6
M 7	18 16 11	2°37'31	25°17	2°10	4° 8	5°32	10° 8	0°39	27°38	3°41	27°13	28°D12	29°36	0°12	n.a.	M 7
T 8	18 20 8	3°35'10	8♍50	1°21	5°20	5°16	10°16	0°41	27°40	3°40	27°13	28°12	29°33	0°19	n.a.	T 8
W 9	18 24 4	4°32'51	22°35	0°35	6°33	5° 0	10°25	0°43	27°43	3°38	27°12	28°13	29°29	0°26	n.a.	W 9
T 10	18 28 1	5°30'32	6♎34	29♊52	7°45	4°44	10°33	0°45	27°46	3°37	27°11	28°R14	29°26	0°32	n.a.	T 10
F 11	18 31 57	6°28'15	20°44	29°13	8°57	4°29	10°42	0°47	27°48	3°36	27°11	28°13	29°23	0°39	n.a.	F 11
S 12	18 35 54	7°26'00	5♏ 6	28°38	10° 9	4°13	10°51	0°50	27°51	3°34	27°10	28°10	29°20	0°46	n.a.	S 12
S 13	18 39 51	8°23'45	19°36	28° 9	11°22	3°57	11° 0	0°53	27°54	3°33	27° 9	28° 5	29°17	0°53	n.a.	S 13
M14	18 43 47	9°21'32	4♐ 8	27°46	12°34	3°42	11° 9	0°55	27°57	3°32	27° 8	27°59	29°13	0°59	n.a.	M14
T 15	18 47 44	10°19'21	18°38	27°30	13°46	3°26	11°18	0°58	27°59	3°31	27° 8	27°51	29°10	1° 6	n.a.	T 15
W16	18 51 40	11°17'11	2♑58	27°21	14°58	3°11	11°27	1° 1	28° 2	3°30	27° 7	27°44	29° 7	1°13	n.a.	W16
T 17	18 55 37	12°15'02	17° 3	27°D19	16°10	2°57	11°37	1° 4	28° 5	3°28	27° 6	27°38	29° 4	1°19	n.a.	T 17
F 18	18 59 33	13°12'56	0♒49	27°26	17°22	2°42	11°46	1° 7	28° 8	3°27	27° 5	27°33	29° 1	1°26	n.a.	F 18
S 19	19 3 30	14°10'51	14°11	27°40	18°34	2°29	11°56	1°10	28°11	3°26	27° 5	27°30	28°58	1°33	n.a.	S 19
S 20	19 7 27	15° 8'47	27°11	28° 2	19°46	2°15	12° 6	1°13	28°14	3°25	27° 4	27°D29	28°54	1°39	n.a.	S 20
M21	19 11 23	16° 6'46	9♓50	28°32	20°57	2° 2	12°15	1°16	28°17	3°24	27° 3	27°30	28°51	1°46	n.a.	M21
T 22	19 15 20	17° 4'47	22°11	29°10	22° 9	1°49	12°25	1°19	28°20	3°23	27° 2	27°31	28°48	1°53	n.a.	T 22
W23	19 19 16	18° 2'50	4♈17	29°56	23°21	1°37	12°35	1°23	28°23	3°22	27° 1	27°33	28°45	2° 0	n.a.	W23
T 24	19 23 13	19° 0'55	16°14	0♋49	24°33	1°26	12°45	1°26	28°26	3°21	27° 0	27°R34	28°42	2° 6	n.a.	T 24
F 25	19 27 9	19°59'02	28° 6	1°49	25°44	1°15	12°55	1°30	28°30	3°20	26°59	27°33	28°39	2°13	n.a.	F 25
S 26	19 31 6	20°57'11	9♉58	2°57	26°56	1° 5	13° 6	1°34	28°33	3°19	26°59	27°32	28°35	2°20	n.a.	S 26
S 27	19 35 2	21°55'22	21°56	4°10	28° 8	0°55	13°16	1°37	28°36	3°18	26°58	27°28	28°32	2°26	n.a.	S 27
M28	19 38 59	22°53'36	4♊ 2	5°30	29°19	0°46	13°26	1°41	28°39	3°17	26°57	27°23	28°29	2°33	n.a.	M28
T 29	19 42 55	23°51'51	16°21	6°55	0♍31	0°38	13°37	1°45	28°43	3°16	26°56	27°18	28°26	2°40	n.a.	T 29
W30	19 46 52	24°50'09	28°55	8°24	1°42	0°30	13°48	1°49	28°46	3°15	26°55	27°12	28°23	2°47	n.a.	W30
T 31	19 50 49	25♋48'29	11♋44	9♋59	2♍54	0♑24	13♍58	1♎53	28♌49	3♐14	26♒54	27♒ 7	28♒19	2♉53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	26n56	4n59	19n17	4s23	22n42	1n36	29s51	6s13	9n29	1n24	2n10	2n35	13n18	0n46	20s 8	1n 9	28s32	17s 6	12s 3	11s41	15n38		n.a.	T 1
W 2	23 49	28 10	4 42	19 13	4 29	22 27	1 36	29 54	6 16	9 26	1 24	2 9	2 35	13 17	0 46	20 8	1 9	28 33	17 6	12 7	11 42	15 41		n.a.	W 2
T 3	23 50	27 58	4 11	19 10	4 33	22 11	1 35	29 58	6 19	9 23	1 23	2 9	2 34	13 16	0 46	20 7	1 9	28 33	17 6	12 11	11 43	15 44		n.a.	T 3
F 4	23 50	26 18	3 26	19 9	4 36	21 54	1 34	30 1	6 21	9 20	1 23	2 8	2 34	13 15	0 46	20 7	1 9	28 34	17 7	12 14	11 45	15 46		n.a.	F 4
S 5	23 50	23 12	2 31	19 10	4 37	21 37	1 33	30 4	6 23	9 16	1 23	2 7	2 34	13 14	0 46	20 7	1 9	28 34	17 7	12 16	11 46	15 49		n.a.	S 5
S 6	23 49	18 52	1 26	19 12	4 36	21 19	1 32	30 7	6 25	9 13	1 23	2 6	2 33	13 13	0 46	20 7	1 9	28 35	17 7	12 17	11 47	15 52		n.a.	S 6
M 7	23 48	13 33	0 16	19 15	4 34	21 0	1 31	30 10	6 27	9 10	1 22	2 5	2 33	13 13	0 46	20 6	1 9	28 35	17 8	12 18	11 48	15 55		n.a.	M 7
T 8	23 47	7 31	0s57	19 20	4 29	20 41	1 30	30 12	6 29	9 6	1 22	2 3	2 33	13 12	0 46	20 6	1 9	28 36	17 8	12 18	11 49	15 58		n.a.	T 8
W 9	23 45	1 3	2 7	19 27	4 23	20 22	1 28	30 15	6 31	9 3	1 22	2 2	2 33	13 11	0 46	20 6	1 9	28 36	17 8	12 17	11 50	16 1		n.a.	W 9
T 10	23 43	5s34	3 11	19 35	4 15	20 2	1 27	30 17	6 32	8 59	1 22	2 1	2 32	13 10	0 46	20 6	1 9	28 37	17 9	12 17	11 51	16 3		n.a.	T 10
F 11	23 40	11 59	4 4	19 44	4 5	19 41	1 25	30 18	6 33	8 56	1 21	2 0	2 32	13 9	0 46	20 5	1 9	28 37	17 9	12 17	11 53	16 6		n.a.	F 11
S 12	23 37	17 52	4 43	19 55	3 54	19 20	1 24	30 20	6 34	8 52	1 21	1 59	2 32	13 8	0 46	20 5	1 9	28 38	17 9	12 18	11 54	16 9		n.a.	S 12
S 13	23 34	22 47	5 4	20 8	3 42	18 58	1 22	30 21	6 35	8 48	1 21	1 57	2 32	13 7	0 46	20 5	1 9	28 38	17 10	12 20	11 55	16 12		n.a.	S 13
M14	23 30	26 19	5 5	20 21	3 28	18 36	1 20	30 22	6 36	8 45	1 21	1 56	2 31	13 6	0 46	20 5	1 9	28 39	17 10	12 22	11 56	16 15		n.a.	M14
T 15	23 25	28 6	4 47	20 35	3 13	18 13	1 19	30 23	6 36	8 41	1 21	1 55	2 31	13 5	0 46	20 5	1 9	28 39	17 10	12 25	11 57	16 17		n.a.	T 15
W16	23 21	27 59	4 11	20 51	2 58	17 50	1 17	30 24	6 36	8 37	1 20	1 53	2 31	13 4	0 46	20 4	1 9	28 40	17 10	12 27	11 58	16 20		n.a.	W16
T 17	23 15	26 2	3 21	21 7	2 41	17 26	1 15	30 24	6 37	8 33	1 20	1 52	2 31	13 3	0 46	20 4	1 9	28 40	17 11	12 30	11 59	16 23		n.a.	T 17
F 18	23 10	22 34	2 19	21 24	2 25	17 2	1 13	30 25	6 36	8 29	1 20	1 51	2 30	13 2	0 46	20 4	1 9	28 41	17 11	12 31	12 0	16 26		n.a.	F 18
S 19	23 4	17 59	1 11	21 41	2 8	16 38	1 11	30 24	6 36	8 26	1 20	1 49	2 30	13 1	0 46	20 4	1 9	28 42	17 11	12 32	12 2	16 29		n.a.	S 19
S 20	22 57	12 40	0 2	21 58	1 51	16 13	1 9	30 24	6 36	8 22	1 20	1 48	2 30	12 59	0 45	20 4	1 9	28 42	17 11	12 33	12 3	16 31		n.a.	S 20
M21	22 50	6 59	1n 7	22 16	1 34	15 47	1 6	30 24	6 35	8 18	1 19	1 46	2 30	12 58	0 45	20 4	1 8	28 43	17 12	12 32	12 4	16 34		n.a.	M21
T 22	22 43	1 10	2 10	22 33	1 17	15 22	1 4	30 23	6 34	8 14	1 19	1 45	2 29	12 57	0 45	20 3	1 8	28 43	17 12	12 32	12 5	16 37		n.a.	T 22
W23	22 36	4n34	3 6	22 50	1 0	14 56	1 2	30 22	6 33	8 10	1 19	1 43	2 29	12 56	0 45	20 3	1 8	28 44	17 12	12 31	12 6	16 40		n.a.	W23
T 24	22 27	10 4	3 54	23 6	0 44	14 29	0 59	30 21	6 32	8 5	1 19	1 41	2 29	12 55	0 45	20 3	1 8	28 44	17 12	12 31	12 7	16 42		n.a.	T 24
F 25	22 19	15 10	4 31	23 21	0 28	14 2	0 57	30 20	6 30	8 1	1 19	1 40	2 29	12 54	0 45	20 3	1 8	28 45	17 13	12 31	12 8	16 45		n.a.	F 25
S 26	22 10	19 43	4 57	23 35	0 13	13 35	0 54	30 19	6 29	7 57	1 18	1 38	2 28	12 53	0 45	20 3	1 8	28 45	17 13	12 32	12 9	16 48		n.a.	S 26
S 27	22 1	23 31	5 10	23 47	0n 1	13 7	0 51	30 17	6 27	7 53	1 18	1 36	2 28	12 52	0 45	20 3	1 8	28 46	17 13	12 33	12 11	16 51		n.a.	S 27
M28	21 51	26 21	5 9	23 58	0 15	12 39	0 49	30 15	6 25	7 49	1 18	1 34	2 28	12 50	0 45	20 3	1 8	28 46	17 13	12 35	12 12	16 53		n.a.	M28
T 29	21 41	28 0	4 54	24 6	0 27	12 11	0 46	30 13	6 23	7 44	1 18	1 33	2 28	12 49	0 45	20 2	1 8	28 47	17 14	12 37	12 13	16 56		n.a.	T 29
W30	21 31	28 15	4 25	24 13	0 39	11 43	0 43	30 11	6 21	7 40	1 18	1 31	2 27	12 48	0 45	20 2	1 8	28 48	17 14	12 39	12 14	16 59		n.a.	W30
T 31	21n20	27n 0	3n42	24n17	0n50	11n14	0n40	30s 9	6s19	7n36	1n18	1n29	2n27	12n47	0n45	20s 2	1n 8	28s48	17s14	12s40	12s15	17n 2		n.a.	T 31

Julian Day Number = 1305584.5, Delta T = 07h46m20s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'27, Lahiri = -19°40'27 Julian Calendar 1 July 1139 BCE == Greg. Calendar 20 June 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

AUGUST 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 54 45	26♋46'51	24♋49	11♋37	4♍ 5	0°R18	14♍ 9	1♎57	28♌53	3°R14	26°R53	27°R 3	28♒16	3♉ 0	n.a.	F 1
S 2	19 58 42	27°45'15	8♌ 9	13°19	5°17	0♏12	14°20	2° 1	28°56	3♐13	26♒52	27♒ 0	28°13	3° 7	n.a.	S 2
S 3	20 2 38	28°43'40	21°42	15° 3	6°28	0° 8	14°31	2° 6	28°59	3°12	26°51	26°D59	28°10	3°13	n.a.	S 3
M 4	20 6 35	29°42'08	5♍28	16°50	7°39	0° 4	14°42	2°10	29° 3	3°11	26°50	26°59	28° 7	3°20	n.a.	M 4
T 5	20 10 31	0♌40'37	19°23	18°39	8°50	0° 1	14°53	2°14	29° 6	3°11	26°49	27° 0	28° 4	3°27	n.a.	T 5
W 6	20 14 28	1°39'08	3♎25	20°30	10° 2	29♐59	15° 4	2°19	29°10	3°10	26°48	27° 2	28° 0	3°34	n.a.	W 6
T 7	20 18 24	2°37'41	17°32	22°21	11°13	29°58	15°15	2°23	29°13	3° 9	26°47	27° 3	27°57	3°40	n.a.	T 7
F 8	20 22 21	3°36'16	1♏44	24°14	12°24	29°D57	15°27	2°28	29°17	3° 9	26°46	27°R 3	27°54	3°47	n.a.	F 8
S 9	20 26 18	4°34'53	15°56	26° 7	13°35	29°58	15°38	2°33	29°20	3° 8	26°44	27° 3	27°51	3°54	n.a.	S 9
S 10	20 30 14	5°33'31	0♐ 8	28° 0	14°46	29°59	15°50	2°37	29°24	3° 8	26°43	27° 2	27°48	4° 0	n.a.	S 10
M11	20 34 11	6°32'11	14°17	29°53	15°57	0♑ 1	16° 1	2°42	29°27	3° 7	26°42	26°59	27°45	4° 7	n.a.	M11
T 12	20 38 7	7°30'53	28°19	1♌46	17° 7	0° 3	16°13	2°47	29°31	3° 7	26°41	26°57	27°41	4°14	n.a.	T 12
W13	20 42 4	8°29'37	12♑11	3°39	18°18	0° 7	16°24	2°52	29°35	3° 6	26°40	26°54	27°38	4°21	n.a.	W13
T 14	20 46 0	9°28'23	25°50	5°31	19°29	0°11	16°36	2°57	29°38	3° 6	26°39	26°52	27°35	4°27	n.a.	T 14
F 15	20 49 57	10°27'12	9♒14	7°22	20°39	0°16	16°48	3° 2	29°42	3° 5	26°38	26°50	27°32	4°34	n.a.	F 15
S 16	20 53 53	11°26'02	22°22	9°13	21°50	0°22	17° 0	3° 7	29°45	3° 5	26°37	26°D50	27°29	4°41	n.a.	S 16
S 17	20 57 50	12°24'54	5♓11	11° 3	23° 0	0°29	17°12	3°13	29°49	3° 5	26°36	26°50	27°25	4°47	n.a.	S 17
M18	21 1 47	13°23'48	17°44	12°53	24°11	0°36	17°24	3°18	29°53	3° 4	26°34	26°51	27°22	4°54	n.a.	M18
T 19	21 5 43	14°22'45	0♈ 2	14°41	25°21	0°44	17°36	3°23	29°56	3° 4	26°33	26°52	27°19	5° 1	n.a.	T 19
W20	21 9 40	15°21'44	12° 8	16°29	26°31	0°53	17°48	3°29	0♍ 0	3° 4	26°32	26°53	27°16	5° 8	n.a.	W20
T 21	21 13 36	16°20'46	24° 5	18°16	27°42	1° 2	18° 0	3°34	0° 4	3° 4	26°31	26°54	27°13	5°14	n.a.	T 21
F 22	21 17 33	17°19'50	5♉58	20° 2	28°52	1°12	18°12	3°40	0° 8	3° 4	26°30	26°55	27°10	5°21	n.a.	F 22
S 23	21 21 29	18°18'57	17°51	21°47	0♎ 2	1°23	18°24	3°45	0°11	3° 3	26°29	26°R55	27° 6	5°28	n.a.	S 23
S 24	21 25 26	19°18'06	29°48	23°31	1°12	1°35	18°37	3°51	0°15	3° 3	26°27	26°55	27° 3	5°34	n.a.	S 24
M25	21 29 22	20°17'17	11♊55	25°14	2°22	1°47	18°49	3°56	0°19	3° 3	26°26	26°54	27° 0	5°41	n.a.	M25
T 26	21 33 19	21°16'31	24°16	26°57	3°31	2° 0	19° 1	4° 2	0°23	3°D 3	26°25	26°53	26°57	5°48	n.a.	T 26
W27	21 37 15	22°15'48	6♋53	28°38	4°41	2°14	19°14	4° 8	0°26	3° 3	26°24	26°53	26°54	5°55	n.a.	W27
T 28	21 41 12	23°15'06	19°50	0♍19	5°51	2°28	19°26	4°14	0°30	3° 3	26°23	26°52	26°51	6° 1	n.a.	T 28
F 29	21 45 9	24°14'28	3♌ 9	1°59	7° 0	2°43	19°39	4°20	0°34	3° 3	26°22	26°52	26°47	6° 8	n.a.	F 29
S 30	21 49 5	25°13'51	16°48	3°38	8°10	2°58	19°51	4°26	0°38	3° 3	26°20	26°52	26°44	6°15	n.a.	S 30
S 31	21 53 2	26♌13'17	0♍45	5♍16	9♎19	3♏14	20♍ 4	4♎32	0♍42	3♐ 4	26♒19	26°D52	26♒41	6♉21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 9	24n15	2n47	24n19	1n 0	10n45	0n37	30s 7	6s17	7n31	1n17	1n27	2n27	12n46	0n45	20s 2	1n 8	28s49	17s14	12s42	12s16	17n 4		n.a.
S 2	20 57	20 9	1 41	24 18	1 9	10 15	0 34	30 4	6 14	7 27	1 17	1 25	2 27	12 44	0 45	20 2	1 8	28 49	17 14	12 43	12 17	17 7		n.a.
S 3	20 45	14 57	0 29	24 15	1 17	9 46	0 31	30 2	6 12	7 22	1 17	1 23	2 27	12 43	0 45	20 2	1 8	28 50	17 15	12 43	12 18	17 10		n.a.
M 4	20 33	8 57	0s46	24 9	1 24	9 16	0 28	29 59	6 9	7 18	1 17	1 21	2 26	12 42	0 45	20 2	1 8	28 50	17 15	12 43	12 19	17 13		n.a.
T 5	20 20	2 26	2 0	24 0	1 30	8 46	0 25	29 56	6 7	7 13	1 17	1 19	2 26	12 41	0 45	20 2	1 8	28 51	17 15	12 43	12 21	17 15		n.a.
W 6	20 7	4s14	3 7	23 49	1 35	8 16	0 21	29 54	6 4	7 9	1 17	1 17	2 26	12 39	0 45	20 2	1 8	28 51	17 15	12 42	12 22	17 18		n.a.
T 7	19 54	10 43	4 3	23 35	1 40	7 45	0 18	29 51	6 1	7 4	1 16	1 15	2 26	12 38	0 45	20 1	1 8	28 52	17 15	12 42	12 23	17 21		n.a.
F 8	19 40	16 42	4 44	23 19	1 43	7 15	0 15	29 48	5 58	7 0	1 16	1 13	2 25	12 37	0 45	20 1	1 8	28 52	17 15	12 42	12 24	17 23		n.a.
S 9	19 26	21 47	5 9	23 0	1 46	6 44	0 11	29 45	5 55	6 55	1 16	1 11	2 25	12 36	0 45	20 1	1 8	28 53	17 16	12 42	12 25	17 26		n.a.
S 10	19 11	25 37	5 14	22 40	1 48	6 13	0 8	29 42	5 52	6 50	1 16	1 9	2 25	12 34	0 45	20 1	1 8	28 54	17 16	12 42	12 26	17 29		n.a.
M11	18 57	27 52	5 0	22 17	1 49	5 42	0 4	29 38	5 49	6 46	1 16	1 7	2 25	12 33	0 45	20 1	1 8	28 54	17 16	12 43	12 27	17 31		n.a.
T 12	18 42	28 18	4 29	21 52	1 50	5 10	0 0	29 35	5 45	6 41	1 16	1 5	2 25	12 32	0 45	20 1	1 8	28 55	17 16	12 44	12 28	17 34		n.a.
W13	18 26	26 57	3 42	21 26	1 49	4 39	0s 3	29 32	5 42	6 36	1 16	1 3	2 24	12 30	0 45	20 1	1 7	28 55	17 16	12 45	12 29	17 37		n.a.
T 14	18 10	23 59	2 43	20 57	1 49	4 8	0 7	29 29	5 39	6 32	1 15	1 0	2 24	12 29	0 45	20 1	1 7	28 56	17 16	12 46	12 31	17 39		n.a.
F 15	17 54	19 46	1 36	20 27	1 47	3 36	0 11	29 25	5 35	6 27	1 15	0 58	2 24	12 28	0 45	20 1	1 7	28 56	17 16	12 46	12 32	17 42		n.a.
S 16	17 38	14 40	0 25	19 56	1 45	3 4	0 14	29 22	5 32	6 22	1 15	0 56	2 24	12 27	0 45	20 1	1 7	28 57	17 17	12 46	12 33	17 45		n.a.
S 17	17 21	9 3	0n46	19 23	1 43	2 33	0 18	29 18	5 29	6 17	1 15	0 54	2 24	12 25	0 45	20 1	1 7	28 57	17 17	12 46	12 34	17 47		n.a.
M18	17 4	3 11	1 53	18 49	1 40	2 1	0 22	29 15	5 25	6 12	1 15	0 51	2 24	12 24	0 45	20 1	1 7	28 58	17 17	12 46	12 35	17 50		n.a.
T 19	16 47	2n40	2 54	18 14	1 37	1 29	0 26	29 11	5 22	6 7	1 15	0 49	2 23	12 23	0 45	20 1	1 7	28 58	17 17	12 46	12 36	17 53		n.a.
W20	16 30	8 19	3 45	17 38	1 34	0 57	0 30	29 8	5 18	6 2	1 15	0 47	2 23	12 21	0 45	20 1	1 7	28 59	17 17	12 45	12 37	17 55		n.a.
T 21	16 12	13 36	4 26	17 1	1 30	0 25	0 34	29 4	5 15	5 58	1 14	0 44	2 23	12 20	0 45	20 1	1 7	28 59	17 17	12 45	12 38	17 58		n.a.
F 22	15 54	18 22	4 56	16 23	1 25	0s 7	0 38	29 1	5 11	5 53	1 14	0 42	2 23	12 19	0 45	20 1	1 7	29 0	17 17	12 45	12 39	18 1		n.a.
S 23	15 35	22 25	5 13	15 45	1 21	0 39	0 42	28 57	5 8	5 48	1 14	0 40	2 23	12 17	0 45	20 1	1 7	29 0	17 17	12 45	12 41	18 3		n.a.
S 24	15 17	25 35	5 16	15 5	1 16	1 11	0 46	28 53	5 4	5 43	1 14	0 37	2 22	12 16	0 45	20 1	1 7	29 1	17 17	12 45	12 42	18 6		n.a.
M25	14 58	27 38	5 6	14 26	1 11	1 42	0 50	28 50	5 1	5 38	1 14	0 35	2 22	12 14	0 45	20 1	1 7	29 1	17 17	12 45	12 43	18 8		n.a.
T 26	14 38	28 23	4 41	13 45	1 5	2 14	0 54	28 46	4 57	5 33	1 14	0 32	2 22	12 13	0 45	20 1	1 7	29 2	17 17	12 45	12 44	18 11		n.a.
W27	14 19	27 42	4 3	13 4	1 0	2 46	0 58	28 42	4 53	5 27	1 14	0 30	2 22	12 12	0 45	20 1	1 7	29 2	17 17	12 45	12 45	18 14		n.a.
T 28	13 59	25 29	3 11	12 23	0 54	3 18	1 2	28 38	4 50	5 22	1 14	0 27	2 22	12 10	0 45	20 1	1 7	29 3	17 17	12 45	12 46	18 16		n.a.
F 29	13 39	21 51	2 8	11 41	0 48	3 50	1 6	28 35	4 46	5 17	1 14	0 25	2 22	12 9	0 45	20 1	1 7	29 3	17 17	12 46	12 47	18 19		n.a.
S 30	13 19	16 56	0 56	10 59	0 42	4 21	1 10	28 31	4 43	5 12	1 13	0 22	2 22	12 8	0 45	20 1	1 7	29 3	17 17	12 46	12 48	18 21		n.a.
S 31	12n59	11n 3	0s22	10n17	0n35	4s53	1s14	28s27	4s39	5n 7	1n13	0n20	2n21	12n 6	0n45	20s 1	1n 7	29s 4	17s17	12s46	12s49	18n24		n.a.

Julian Day Number = 1305615.5, Delta T = 07h46m19s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'23, Lahiri = -19°40'22 Julian Calendar 1 Aug. 1139 BCE == Greg. Calendar 21 July 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

SEPTEMBER 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 56 58	27♌12'44	14♍58	6♍54	10♎28	3♏31	20♍17	4♎38	0♍45	3♐ 4	26°R18	26°R52	26♒38	6♉28	n.a.	M 1
T 2	22 0 55	28°12'14	29°21	8°31	11°38	3°48	20°29	4°44	0°49	3° 4	26♒17	26♒52	26°35	6°35	n.a.	T 2
W 3	22 4 51	29°11'46	13♎50	10° 7	12°47	4° 6	20°42	4°50	0°53	3° 4	26°16	26°52	26°31	6°42	n.a.	W 3
T 4	22 8 48	0♍11'20	28°18	11°42	13°56	4°25	20°55	4°56	0°57	3° 4	26°14	26°51	26°28	6°48	n.a.	T 4
F 5	22 12 44	1°10'55	12♏42	13°17	15° 5	4°44	21° 8	5° 2	1° 1	3° 5	26°13	26°51	26°25	6°55	n.a.	F 5
S 6	22 16 41	2°10'33	26°58	14°51	16°13	5° 3	21°21	5° 8	1° 4	3° 5	26°12	26°D51	26°22	7° 2	n.a.	S 6
S 7	22 20 37	3°10'13	11♐ 3	16°24	17°22	5°23	21°33	5°15	1° 8	3° 5	26°11	26°51	26°19	7° 8	n.a.	S 7
M 8	22 24 34	4° 9'54	24°55	17°56	18°31	5°44	21°46	5°21	1°12	3° 6	26°10	26°51	26°16	7°15	n.a.	M 8
T 9	22 28 31	5° 9'37	8♑35	19°28	19°39	6° 5	21°59	5°27	1°16	3° 6	26° 9	26°52	26°12	7°22	n.a.	T 9
W10	22 32 27	6° 9'22	22° 1	20°59	20°47	6°27	22°12	5°34	1°20	3° 7	26° 7	26°53	26° 9	7°29	n.a.	W10
T 11	22 36 24	7° 9'09	5♒14	22°30	21°55	6°49	22°25	5°40	1°23	3° 7	26° 6	26°53	26° 6	7°35	n.a.	T 11
F 12	22 40 20	8° 8'58	18°14	24° 0	23° 3	7°11	22°38	5°47	1°27	3° 8	26° 5	26°54	26° 3	7°42	n.a.	F 12
S 13	22 44 17	9° 8'49	1♓ 0	25°29	24°11	7°34	22°51	5°53	1°31	3° 8	26° 4	26°R54	26° 0	7°49	n.a.	S 13
S 14	22 48 13	10° 8'42	13°34	26°57	25°19	7°58	23° 5	6° 0	1°35	3° 9	26° 3	26°54	25°56	7°55	n.a.	S 14
M15	22 52 10	11° 8'37	25°57	28°25	26°27	8°21	23°18	6° 6	1°39	3°10	26° 2	26°52	25°53	8° 2	n.a.	M15
T 16	22 56 6	12° 8'34	8♈ 8	29°52	27°34	8°46	23°31	6°13	1°42	3°10	26° 1	26°50	25°50	8° 9	n.a.	T 16
W17	23 0 3	13° 8'33	20°11	1♎19	28°41	9°10	23°44	6°19	1°46	3°11	25°59	26°48	25°47	8°16	n.a.	W17
T 18	23 4 0	14° 8'35	2♉ 6	2°44	29°49	9°35	23°57	6°26	1°50	3°12	25°58	26°45	25°44	8°22	n.a.	T 18
F 19	23 7 56	15° 8'39	13°58	4° 9	0♏56	10° 1	24°10	6°33	1°54	3°13	25°57	26°42	25°41	8°29	n.a.	F 19
S 20	23 11 53	16° 8'45	25°50	5°33	2° 2	10°27	24°23	6°40	1°57	3°13	25°56	26°40	25°37	8°36	n.a.	S 20
S 21	23 15 49	17° 8'53	7♊46	6°57	3° 9	10°53	24°37	6°46	2° 1	3°14	25°55	26°39	25°34	8°42	n.a.	S 21
M22	23 19 46	18° 9'04	19°50	8°19	4°16	11°19	24°50	6°53	2° 5	3°15	25°54	26°D39	25°31	8°49	n.a.	M22
T 23	23 23 42	19° 9'17	2♋ 7	9°41	5°22	11°46	25° 3	7° 0	2° 8	3°16	25°53	26°39	25°28	8°56	n.a.	T 23
W24	23 27 39	20° 9'32	14°41	11° 1	6°28	12°13	25°16	7° 7	2°12	3°17	25°52	26°41	25°25	9° 3	n.a.	W24
T 25	23 31 35	21° 9'49	27°38	12°20	7°34	12°41	25°30	7°14	2°16	3°18	25°51	26°42	25°22	9° 9	n.a.	T 25
F 26	23 35 32	22°10'09	10♌58	13°39	8°40	13° 9	25°43	7°20	2°19	3°19	25°50	26°44	25°18	9°16	n.a.	F 26
S 27	23 39 28	23°10'30	24°45	14°55	9°45	13°37	25°56	7°27	2°23	3°20	25°49	26°R44	25°15	9°23	n.a.	S 27
S 28	23 43 25	24°10'54	8♍57	16°11	10°51	14° 6	26°10	7°34	2°27	3°21	25°48	26°44	25°12	9°29	n.a.	S 28
M29	23 47 22	25°11'19	23°31	17°25	11°56	14°34	26°23	7°41	2°30	3°22	25°47	26°42	25° 9	9°36	n.a.	M29
T 30	23 51 18	26♍11'46	8♎20	18♎37	13♏ 1	15♏ 4	26♍36	7♎48	2♍34	3♐23	25♒46	26♒39	25♒ 6	9♉43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n38	4n30	1s39	9n34	0n29	5s24	1s18	28s23	4s36	5n 2	1n13	0n17	2n21	12n 5	0n45	20s 2	1n 7	29s 4	17s17	12s46	12s50	18n27		n.a.
T 2	12 18	2s20	2 51	8 52	0 23	5 56	1 22	28 19	4 32	4 57	1 13	0 15	2 21	12 4	0 45	20 2	1 7	29 5	17 17	12 46	12 52	18 29		n.a.
W 3	11 57	9 5	3 52	8 9	0 16	6 27	1 26	28 15	4 29	4 52	1 13	0 12	2 21	12 2	0 45	20 2	1 6	29 5	17 17	12 46	12 53	18 32		n.a.
T 4	11 35	15 22	4 39	7 26	0 9	6 58	1 30	28 11	4 25	4 46	1 13	0 9	2 21	12 1	0 45	20 2	1 6	29 6	17 17	12 46	12 54	18 34		n.a.
F 5	11 14	20 46	5 7	6 43	0 2	7 29	1 34	28 7	4 22	4 41	1 13	0 7	2 21	11 59	0 45	20 2	1 6	29 6	17 17	12 46	12 55	18 37		n.a.
S 6	10 52	24 56	5 17	6 0	0s 4	8 0	1 39	28 2	4 18	4 36	1 13	0 4	2 21	11 58	0 45	20 2	1 6	29 6	17 17	12 46	12 56	18 39		n.a.
S 7	10 30	27 32	5 7	5 17	0 11	8 30	1 43	27 58	4 15	4 31	1 13	0 2	2 20	11 57	0 45	20 2	1 6	29 7	17 17	12 46	12 57	18 42		n.a.
M 8	10 8	28 24	4 40	4 34	0 18	9 1	1 47	27 54	4 12	4 25	1 13	0s 1	2 20	11 55	0 45	20 2	1 6	29 7	17 17	12 46	12 58	18 45		n.a.
T 9	9 46	27 29	3 57	3 51	0 25	9 31	1 51	27 49	4 8	4 20	1 13	0 4	2 20	11 54	0 45	20 2	1 6	29 8	17 17	12 46	12 59	18 47		n.a.
W10	9 24	24 59	3 1	3 8	0 32	10 1	1 55	27 45	4 5	4 15	1 12	0 6	2 20	11 53	0 45	20 3	1 6	29 8	17 17	12 45	13 0	18 50		n.a.
T 11	9 2	21 10	1 57	2 26	0 39	10 30	1 59	27 40	4 2	4 10	1 12	0 9	2 20	11 51	0 45	20 3	1 6	29 8	17 17	12 45	13 1	18 52		n.a.
F 12	8 39	16 22	0 48	1 43	0 46	11 0	2 3	27 36	3 58	4 4	1 12	0 12	2 20	11 50	0 45	20 3	1 6	29 9	17 17	12 45	13 3	18 55		n.a.
S 13	8 16	10 57	0n23	1 1	0 53	11 29	2 7	27 31	3 55	3 59	1 12	0 15	2 20	11 48	0 45	20 3	1 6	29 9	17 17	12 45	13 4	18 57		n.a.
S 14	7 53	5 10	1 31	0 19	1 0	11 58	2 10	27 27	3 52	3 54	1 12	0 17	2 20	11 47	0 45	20 3	1 6	29 9	17 17	12 45	13 5	19 0		n.a.
M15	7 30	0n42	2 34	0s22	1 6	12 27	2 14	27 22	3 48	3 48	1 12	0 20	2 20	11 46	0 45	20 3	1 6	29 10	17 17	12 45	13 6	19 2		n.a.
T 16	7 7	6 28	3 28	1 4	1 13	12 55	2 18	27 17	3 45	3 43	1 12	0 23	2 19	11 44	0 45	20 4	1 6	29 10	17 17	12 46	13 7	19 5		n.a.
W17	6 44	11 54	4 13	1 45	1 20	13 23	2 22	27 12	3 42	3 38	1 12	0 26	2 19	11 43	0 45	20 4	1 6	29 10	17 16	12 47	13 8	19 7		n.a.
T 18	6 20	16 52	4 46	2 25	1 26	13 51	2 26	27 7	3 39	3 32	1 12	0 28	2 19	11 42	0 45	20 4	1 6	29 11	17 16	12 48	13 9	19 10		n.a.
F 19	5 57	21 10	5 7	3 6	1 33	14 19	2 29	27 2	3 36	3 27	1 12	0 31	2 19	11 40	0 45	20 4	1 6	29 11	17 16	12 49	13 10	19 12		n.a.
S 20	5 33	24 37	5 15	3 45	1 39	14 46	2 33	26 57	3 33	3 22	1 12	0 34	2 19	11 39	0 45	20 4	1 6	29 11	17 16	12 50	13 11	19 15		n.a.
S 21	5 9	27 2	5 9	4 24	1 45	15 13	2 37	26 52	3 30	3 16	1 12	0 37	2 19	11 38	0 45	20 4	1 6	29 12	17 16	12 50	13 12	19 17		n.a.
M22	4 46	28 15	4 50	5 3	1 51	15 39	2 40	26 46	3 26	3 11	1 12	0 39	2 19	11 36	0 45	20 5	1 6	29 12	17 16	12 50	13 13	19 20		n.a.
T 23	4 22	28 6	4 17	5 41	1 57	16 5	2 44	26 41	3 23	3 5	1 12	0 42	2 19	11 35	0 45	20 5	1 6	29 12	17 16	12 50	13 15	19 22		n.a.
W24	3 58	26 30	3 31	6 18	2 3	16 31	2 47	26 35	3 20	3 0	1 12	0 45	2 19	11 34	0 45	20 5	1 5	29 12	17 16	12 50	13 16	19 25		n.a.
T 25	3 34	23 29	2 33	6 55	2 8	16 57	2 51	26 30	3 17	2 55	1 12	0 48	2 19	11 32	0 45	20 5	1 5	29 13	17 15	12 49	13 17	19 27		n.a.
F 26	3 9	19 8	1 26	7 31	2 13	17 22	2 54	26 24	3 15	2 49	1 12	0 51	2 19	11 31	0 45	20 6	1 5	29 13	17 15	12 48	13 18	19 29		n.a.
S 27	2 45	13 39	0 11	8 6	2 18	17 46	2 57	26 18	3 12	2 44	1 11	0 53	2 19	11 30	0 45	20 6	1 5	29 13	17 15	12 48	13 19	19 32		n.a.
S 28	2 21	7 19	1s 7	8 40	2 23	18 10	3 0	26 12	3 9	2 38	1 11	0 56	2 18	11 28	0 45	20 6	1 5	29 13	17 15	12 48	13 20	19 34		n.a.
M29	1 57	0 27	2 21	9 12	2 27	18 34	3 3	26 6	3 6	2 33	1 11	0 59	2 18	11 27	0 45	20 6	1 5	29 13	17 15	12 49	13 21	19 37		n.a.
T 30	1n32	6s32	3s28	9s44	2s31	18s57	3s 6	26s 0	3s 3	2n28	1n11	1s 2	2n18	11n26	0n45	20s 7	1n 5	29s14	17s15	12s50	13s22	19n39		n.a.

Julian Day Number = 1305646.5, Delta T = 07h46m17s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'19, Lahiri = -19°40'18 Julian Calendar 1 Sept. 1139 BCE == Greg. Calendar 21 Aug. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

OCTOBER 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 55 15	27♍12'15	23♎17	19♎47	14♏ 5	15♑33	26♍50	7♎55	2♍37	3♐24	25°R45	26°R34	25♒ 2	9♉50	n.a.	W 1
T 2	23 59 11	28°12'46	8♏13	20°55	15°10	16° 3	27° 3	8° 2	2°41	3°25	25♒44	26♒30	24°59	9°56	n.a.	T 2
F 3	0 3 8	29°13'18	22°59	22° 0	16°14	16°33	27°16	8° 9	2°44	3°27	25°43	26°25	24°56	10° 3	n.a.	F 3
S 4	0 7 4	0♎13'52	7♐30	23° 3	17°18	17° 3	27°29	8°16	2°48	3°28	25°42	26°22	24°53	10°10	n.a.	S 4
S 5	0 11 1	1°14'27	21°41	24° 2	18°22	17°33	27°43	8°23	2°51	3°29	25°41	26°20	24°50	10°17	n.a.	S 5
M 6	0 14 57	2°15'03	5♑30	24°58	19°25	18° 4	27°56	8°30	2°55	3°30	25°40	26°D20	24°47	10°23	n.a.	M 6
T 7	0 18 54	3°15'41	18°59	25°50	20°28	18°35	28° 9	8°37	2°58	3°32	25°39	26°21	24°43	10°30	n.a.	T 7
W 8	0 22 51	4°16'21	2♒ 9	26°38	21°31	19° 7	28°23	8°44	3° 2	3°33	25°38	26°22	24°40	10°37	n.a.	W 8
T 9	0 26 47	5°17'01	15° 2	27°20	22°34	19°38	28°36	8°51	3° 5	3°34	25°37	26°24	24°37	10°43	n.a.	T 9
F 10	0 30 44	6°17'43	27°41	27°57	23°36	20°10	28°49	8°58	3° 9	3°36	25°36	26°R24	24°34	10°50	n.a.	F 10
S 11	0 34 40	7°18'26	10♓ 8	28°28	24°37	20°42	29° 2	9° 5	3°12	3°37	25°35	26°23	24°31	10°57	n.a.	S 11
S 12	0 38 37	8°19'11	22°26	28°52	25°39	21°14	29°16	9°12	3°15	3°39	25°35	26°20	24°28	11° 4	n.a.	S 12
M13	0 42 33	9°19'57	4♈36	29° 7	26°40	21°46	29°29	9°19	3°18	3°40	25°34	26°15	24°24	11°10	n.a.	M13
T 14	0 46 30	10°20'44	16°39	29°R15	27°41	22°19	29°42	9°26	3°22	3°42	25°33	26° 7	24°21	11°17	n.a.	T 14
W15	0 50 26	11°21'33	28°36	29°13	28°41	22°51	29°55	9°33	3°25	3°43	25°32	25°59	24°18	11°24	n.a.	W15
T 16	0 54 23	12°22'23	10♉30	29° 1	29°41	23°24	0♎ 8	9°40	3°28	3°45	25°31	25°49	24°15	11°30	n.a.	T 16
F 17	0 58 20	13°23'15	22°22	28°39	0♐41	23°57	0°22	9°47	3°31	3°46	25°31	25°40	24°12	11°37	n.a.	F 17
S 18	1 2 16	14°24'09	4♊13	28° 6	1°40	24°31	0°35	9°54	3°34	3°48	25°30	25°32	24° 8	11°44	n.a.	S 18
S 19	1 6 13	15°25'04	16° 8	27°22	2°38	25° 4	0°48	10° 1	3°37	3°50	25°29	25°25	24° 5	11°51	n.a.	S 19
M20	1 10 9	16°26'00	28°10	26°28	3°37	25°38	1° 1	10° 8	3°40	3°51	25°29	25°21	24° 2	11°57	n.a.	M20
T 21	1 14 6	17°26'59	10♋22	25°24	4°34	26°12	1°14	10°15	3°44	3°53	25°28	25°19	23°59	12° 4	n.a.	T 21
W22	1 18 2	18°27'58	22°51	24°12	5°32	26°46	1°27	10°22	3°47	3°55	25°27	25°D19	23°56	12°11	n.a.	W22
T 23	1 21 59	19°28'59	5♌40	22°55	6°28	27°20	1°40	10°29	3°49	3°57	25°27	25°20	23°53	12°17	n.a.	T 23
F 24	1 25 55	20°30'01	18°54	21°33	7°24	27°54	1°53	10°36	3°52	3°58	25°26	25°R21	23°49	12°24	n.a.	F 24
S 25	1 29 52	21°31'05	2♍36	20°11	8°20	28°28	2° 6	10°43	3°55	4° 0	25°25	25°21	23°46	12°31	n.a.	S 25
S 26	1 33 49	22°32'10	16°47	18°50	9°15	29° 3	2°19	10°50	3°58	4° 2	25°25	25°19	23°43	12°38	n.a.	S 26
M27	1 37 45	23°33'16	1♎26	17°33	10° 9	29°38	2°32	10°57	4° 1	4° 4	25°24	25°14	23°40	12°44	n.a.	M27
T 28	1 41 42	24°34'24	16°27	16°24	11° 3	0♒12	2°45	11° 4	4° 4	4° 6	25°24	25° 7	23°37	12°51	n.a.	T 28
W29	1 45 38	25°35'32	1♏42	15°23	11°56	0°47	2°58	11°11	4° 6	4° 7	25°23	24°58	23°33	12°58	n.a.	W29
T 30	1 49 35	26°36'41	17° 0	14°33	12°49	1°23	3°10	11°18	4° 9	4° 9	25°23	24°48	23°30	13° 5	n.a.	T 30
F 31	1 53 31	27♎37'51	2♐ 9	13♎53	13♐41	1♒58	3♎23	11♎24	4♍12	4♐11	25♒22	24♒39	23♒27	13♉11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	1n 8	13s13	4s21	10s14	2s35	19s20	3s 9	25s53	3s 0	2n22	1n11	1s 5	2n18	11n24	0n45	20s 7	1n 5	29s14	17s14	12s52	13s23	19n42			n.a.
T 2	0 43	19 8	4 56	10 43	2 38	19 42	3 12	25 47	2 57	2 17	1 11	1 8	2 18	11 23	0 45	20 7	1 5	29 14	17 14	12 53	13 24	19 44			n.a.
F 3	0 19	23 50	5 11	11 11	2 41	20 4	3 15	25 41	2 55	2 11	1 11	1 10	2 18	11 22	0 45	20 7	1 5	29 14	17 14	12 55	13 25	19 47			n.a.
S 4	0s 6	26 57	5 6	11 37	2 43	20 25	3 17	25 34	2 52	2 6	1 11	1 13	2 18	11 21	0 45	20 8	1 5	29 14	17 14	12 56	13 26	19 49			n.a.
S 5	0 30	28 15	4 42	12 0	2 44	20 46	3 20	25 27	2 49	2 1	1 11	1 16	2 18	11 19	0 45	20 8	1 5	29 14	17 14	12 57	13 28	19 51			n.a.
M 6	0 55	27 45	4 2	12 22	2 45	21 7	3 22	25 20	2 46	1 55	1 11	1 19	2 18	11 18	0 45	20 8	1 5	29 15	17 13	12 57	13 29	19 54			n.a.
T 7	1 19	25 35	3 9	12 42	2 45	21 26	3 25	25 13	2 44	1 50	1 11	1 22	2 18	11 17	0 45	20 9	1 5	29 15	17 13	12 56	13 30	19 56			n.a.
W 8	1 44	22 5	2 8	12 59	2 44	21 46	3 27	25 6	2 41	1 44	1 11	1 24	2 18	11 16	0 45	20 9	1 5	29 15	17 13	12 56	13 31	19 59			n.a.
T 9	2 8	17 34	1 1	13 13	2 43	22 4	3 29	24 59	2 39	1 39	1 11	1 27	2 18	11 14	0 45	20 9	1 5	29 15	17 13	12 55	13 32	20 1			n.a.
F 10	2 32	12 22	0n 7	13 24	2 40	22 23	3 31	24 52	2 36	1 34	1 11	1 30	2 18	11 13	0 45	20 10	1 5	29 15	17 12	12 55	13 33	20 3			n.a.
S 11	2 57	6 45	1 14	13 32	2 36	22 40	3 33	24 44	2 33	1 28	1 11	1 33	2 18	11 12	0 45	20 10	1 5	29 15	17 12	12 56	13 34	20 6			n.a.
S 12	3 21	0 58	2 16	13 36	2 31	22 57	3 35	24 36	2 31	1 23	1 11	1 36	2 18	11 11	0 45	20 10	1 5	29 15	17 12	12 57	13 35	20 8			n.a.
M13	3 45	4n47	3 12	13 35	2 25	23 14	3 36	24 29	2 28	1 18	1 11	1 39	2 18	11 10	0 45	20 10	1 5	29 15	17 12	12 58	13 36	20 10			n.a.
T 14	4 10	10 18	3 58	13 31	2 17	23 30	3 38	24 21	2 26	1 12	1 11	1 41	2 18	11 8	0 45	20 11	1 5	29 15	17 11	13 1	13 37	20 13			n.a.
W15	4 34	15 23	4 33	13 22	2 8	23 45	3 39	24 13	2 23	1 7	1 11	1 44	2 18	11 7	0 45	20 11	1 5	29 15	17 11	13 4	13 38	20 15			n.a.
T 16	4 58	19 53	4 56	13 7	1 57	24 0	3 40	24 5	2 21	1 2	1 11	1 47	2 18	11 6	0 45	20 11	1 5	29 15	17 11	13 7	13 39	20 17			n.a.
F 17	5 22	23 35	5 6	12 47	1 44	24 14	3 41	23 57	2 19	0 56	1 11	1 50	2 18	11 5	0 45	20 12	1 5	29 15	17 11	13 10	13 40	20 20			n.a.
S 18	5 46	26 18	5 3	12 22	1 30	24 27	3 42	23 48	2 16	0 51	1 11	1 53	2 18	11 4	0 45	20 12	1 4	29 15	17 10	13 13	13 42	20 22			n.a.
S 19	6 10	27 51	4 47	11 51	1 14	24 40	3 43	23 40	2 14	0 46	1 11	1 55	2 18	11 3	0 45	20 12	1 4	29 15	17 10	13 15	13 43	20 24			n.a.
M20	6 34	28 7	4 18	11 15	0 57	24 53	3 44	23 31	2 12	0 41	1 11	1 58	2 18	11 2	0 45	20 13	1 4	29 15	17 10	13 17	13 44	20 27			n.a.
T 21	6 58	27 2	3 37	10 34	0 38	25 4	3 44	23 22	2 9	0 35	1 11	2 1	2 18	11 1	0 45	20 13	1 4	29 15	17 9	13 17	13 45	20 29			n.a.
W22	7 21	24 34	2 45	9 49	0 18	25 15	3 44	23 13	2 7	0 30	1 11	2 4	2 18	10 59	0 46	20 14	1 4	29 15	17 9	13 18	13 46	20 31			n.a.
T 23	7 45	20 50	1 44	9 1	0n 2	25 26	3 44	23 4	2 5	0 25	1 11	2 6	2 18	10 58	0 46	20 14	1 4	29 15	17 9	13 17	13 47	20 34			n.a.
F 24	8 8	15 57	0 35	8 11	0 23	25 35	3 44	22 55	2 3	0 20	1 11	2 9	2 18	10 57	0 46	20 14	1 4	29 15	17 9	13 17	13 48	20 36			n.a.
S 25	8 31	10 7	0s39	7 21	0 43	25 44	3 44	22 46	2 0	0 14	1 11	2 12	2 18	10 56	0 46	20 15	1 4	29 15	17 8	13 17	13 49	20 38			n.a.
S 26	8 55	3 35	1 52	6 32	1 3	25 53	3 44	22 37	1 58	0 9	1 11	2 15	2 18	10 55	0 46	20 15	1 4	29 15	17 8	13 18	13 50	20 41			n.a.
M27	9 18	3s20	3 0	5 45	1 21	26 1	3 43	22 27	1 56	0 4	1 11	2 17	2 18	10 54	0 46	20 15	1 4	29 15	17 8	13 19	13 51	20 43			n.a.
T 28	9 40	10 13	3 58	5 3	1 38	26 8	3 42	22 17	1 54	0s 1	1 11	2 20	2 18	10 53	0 46	20 16	1 4	29 15	17 7	13 22	13 52	20 45			n.a.
W29	10 3	16 36	4 39	4 25	1 53	26 14	3 41	22 8	1 52	0 6	1 11	2 23	2 18	10 52	0 46	20 16	1 4	29 15	17 7	13 25	13 53	20 47			n.a.
T 30	10 26	21 59	5 1	3 54	2 6	26 20	3 40	21 58	1 50	0 11	1 12	2 26	2 18	10 51	0 46	20 17	1 4	29 15	17 7	13 28	13 54	20 50			n.a.
F 31	10s48	25s50	5s 1	3s28	2n16	26s25	3s38	21s48	1s48	0s17	1n12	2s28	2n18	10n50	0n46	20s17	1n 4	29s14	17s 6	13s31	13s55	20n52			n.a.

Julian Day Number = 1305676.5, Delta T = 07h46m15s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'14, Lahiri = -19°40'14 Julian Calendar 1 Oct. 1139 BCE == Greg. Calendar 20 Sept. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

NOVEMBER 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 28	28♎39'02	16♐59	13°R25	14♐32	2♒33	3♎36	11♎31	4♍14	4♐13	25°R22	24°R31	23♒24	13♉18	n.a.	S 1
S 2	2 1 24	29°40'14	1♑26	13♎ 8	15°22	3° 9	3°49	11°38	4°17	4°15	25♒21	24♒25	23°21	13°25	n.a.	S 2
M 3	2 5 21	0♏41'26	15°24	13°D 2	16°12	3°44	4° 1	11°45	4°20	4°17	25°21	24°22	23°18	13°31	n.a.	M 3
T 4	2 9 18	1°42'38	28°55	13° 7	17° 0	4°20	4°14	11°52	4°22	4°19	25°21	24°D21	23°14	13°38	n.a.	T 4
W 5	2 13 14	2°43'50	12♒ 1	13°20	17°48	4°56	4°26	11°58	4°24	4°21	25°20	24°21	23°11	13°45	n.a.	W 5
T 6	2 17 11	3°45'03	24°45	13°43	18°35	5°32	4°39	12° 5	4°27	4°23	25°20	24°R21	23° 8	13°52	n.a.	T 6
F 7	2 21 7	4°46'17	7♓13	14°14	19°21	6° 8	4°51	12°12	4°29	4°25	25°20	24°21	23° 5	13°58	n.a.	F 7
S 8	2 25 4	5°47'30	19°28	14°51	20° 5	6°44	5° 4	12°18	4°32	4°27	25°19	24°18	23° 2	14° 5	n.a.	S 8
S 9	2 29 0	6°48'44	1♈34	15°35	20°49	7°20	5°16	12°25	4°34	4°29	25°19	24°12	22°59	14°12	n.a.	S 9
M10	2 32 57	7°49'58	13°33	16°24	21°32	7°57	5°28	12°32	4°36	4°31	25°19	24° 3	22°55	14°18	n.a.	M10
T 11	2 36 54	8°51'13	25°29	17°19	22°14	8°33	5°40	12°38	4°38	4°33	25°19	23°52	22°52	14°25	n.a.	T 11
W12	2 40 50	9°52'28	7♉22	18°17	22°54	9°10	5°53	12°45	4°40	4°35	25°18	23°38	22°49	14°32	n.a.	W12
T 13	2 44 47	10°53'43	19°15	19°20	23°33	9°46	6° 5	12°51	4°42	4°37	25°18	23°23	22°46	14°39	n.a.	T 13
F 14	2 48 43	11°54'59	1♊ 8	20°26	24°11	10°23	6°17	12°58	4°44	4°40	25°18	23° 9	22°43	14°45	n.a.	F 14
S 15	2 52 40	12°56'16	13° 3	21°34	24°48	11° 0	6°29	13° 4	4°46	4°42	25°18	22°55	22°39	14°52	n.a.	S 15
S 16	2 56 36	13°57'32	25° 1	22°46	25°23	11°37	6°41	13°10	4°48	4°44	25°18	22°44	22°36	14°59	n.a.	S 16
M17	3 0 33	14°58'49	7♋ 5	23°59	25°57	12°13	6°53	13°17	4°50	4°46	25°18	22°36	22°33	15° 6	n.a.	M17
T 18	3 4 29	16° 0'07	19°19	25°15	26°29	12°50	7° 4	13°23	4°52	4°48	25°18	22°31	22°30	15°12	n.a.	T 18
W19	3 8 26	17° 1'25	1♌45	26°32	27° 0	13°27	7°16	13°29	4°54	4°50	25°18	22°29	22°27	15°19	n.a.	W19
T 20	3 12 23	18° 2'43	14°28	27°51	27°29	14° 5	7°28	13°36	4°56	4°53	25°D18	22°28	22°24	15°26	n.a.	T 20
F 21	3 16 19	19° 4'01	27°34	29°11	27°57	14°42	7°39	13°42	4°57	4°55	25°18	22°28	22°20	15°32	n.a.	F 21
S 22	3 20 16	20° 5'20	11♍ 5	0♏33	28°23	15°19	7°51	13°48	4°59	4°57	25°18	22°27	22°17	15°39	n.a.	S 22
S 23	3 24 12	21° 6'39	25° 4	1°55	28°47	15°56	8° 2	13°54	5° 0	4°59	25°18	22°25	22°14	15°46	n.a.	S 23
M24	3 28 9	22° 7'58	9♎32	3°19	29° 9	16°34	8°14	14° 0	5° 2	5° 1	25°18	22°19	22°11	15°53	n.a.	M24
T 25	3 32 5	23° 9'17	24°26	4°43	29°29	17°11	8°25	14° 6	5° 3	5° 4	25°18	22°11	22° 8	15°59	n.a.	T 25
W26	3 36 2	24°10'36	9♏39	6° 8	29°48	17°49	8°36	14°12	5° 5	5° 6	25°18	22° 1	22° 5	16° 6	n.a.	W26
T 27	3 39 58	25°11'56	25° 0	7°34	0♑ 4	18°26	8°47	14°18	5° 6	5° 8	25°18	21°49	22° 1	16°13	n.a.	T 27
F 28	3 43 55	26°13'15	10♐18	9° 1	0°18	19° 4	8°58	14°24	5° 8	5°10	25°18	21°37	21°58	16°20	n.a.	F 28
S 29	3 47 52	27°14'34	25°22	10°28	0°30	19°42	9° 9	14°30	5° 9	5°13	25°19	21°27	21°55	16°26	n.a.	S 29
S 30	3 51 48	28♏15'52	10♑ 2	11♏56	0♑40	20♒19	9♎20	14♎35	5♍10	5♐15	25♒19	21♒19	21♒52	16♉33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s10	27s50	4s41	3s 9	2n25	26s30	3s36	21s37	1s45	0s22	1n12	2s31	2n18	10n49	0n46	20s17	1n 4	29s14	17s 6	13s34	13s56	20n54		n.a.
S 2	11 32	27 52	4 3	2 57	2 32	26 34	3 35	21 27	1 43	0 27	1 12	2 34	2 18	10 48	0 46	20 18	1 4	29 14	17 6	13 36	13 57	20 56		n.a.
M 3	11 54	26 6	3 12	2 50	2 37	26 37	3 32	21 17	1 41	0 32	1 12	2 36	2 18	10 48	0 46	20 18	1 4	29 14	17 5	13 37	13 59	20 59		n.a.
T 4	12 16	22 51	2 11	2 49	2 40	26 40	3 30	21 6	1 39	0 37	1 12	2 39	2 18	10 47	0 46	20 19	1 4	29 14	17 5	13 37	14 0	21 1		n.a.
W 5	12 37	18 31	1 5	2 53	2 41	26 42	3 27	20 55	1 37	0 42	1 12	2 41	2 18	10 46	0 46	20 19	1 4	29 14	17 5	13 37	14 1	21 3		n.a.
T 6	12 58	13 27	0n 2	3 1	2 42	26 44	3 24	20 44	1 36	0 47	1 12	2 44	2 18	10 45	0 46	20 19	1 4	29 13	17 4	13 37	14 2	21 5		n.a.
F 7	13 19	7 57	1 8	3 14	2 41	26 44	3 21	20 33	1 34	0 52	1 12	2 47	2 19	10 44	0 46	20 20	1 4	29 13	17 4	13 37	14 3	21 8		n.a.
S 8	13 40	2 16	2 9	3 31	2 39	26 44	3 18	20 22	1 32	0 57	1 12	2 49	2 19	10 43	0 46	20 20	1 4	29 13	17 4	13 38	14 4	21 10		n.a.
S 9	14 1	3n26	3 3	3 50	2 36	26 44	3 14	20 11	1 30	1 2	1 12	2 52	2 19	10 42	0 46	20 21	1 4	29 13	17 3	13 40	14 5	21 12		n.a.
M10	14 21	8 56	3 49	4 13	2 32	26 43	3 10	20 0	1 28	1 6	1 12	2 54	2 19	10 42	0 46	20 21	1 4	29 13	17 3	13 43	14 6	21 14		n.a.
T 11	14 41	14 6	4 24	4 38	2 28	26 41	3 6	19 48	1 26	1 11	1 12	2 57	2 19	10 41	0 46	20 21	1 4	29 12	17 3	13 47	14 7	21 17		n.a.
W12	15 1	18 43	4 48	5 5	2 23	26 39	3 1	19 37	1 24	1 16	1 12	2 59	2 19	10 40	0 46	20 22	1 4	29 12	17 2	13 52	14 8	21 19		n.a.
T 13	15 20	22 36	4 59	5 34	2 18	26 36	2 56	19 25	1 23	1 21	1 12	3 2	2 19	10 39	0 46	20 22	1 4	29 12	17 2	13 57	14 9	21 21		n.a.
F 14	15 40	25 33	4 57	6 4	2 12	26 33	2 51	19 13	1 21	1 26	1 12	3 4	2 19	10 39	0 46	20 23	1 4	29 12	17 1	14 2	14 10	21 23		n.a.
S 15	15 59	27 23	4 42	6 36	2 6	26 29	2 46	19 1	1 19	1 30	1 12	3 7	2 19	10 38	0 46	20 23	1 4	29 11	17 1	14 6	14 11	21 25		n.a.
S 16	16 17	27 58	4 14	7 9	1 59	26 25	2 40	18 49	1 17	1 35	1 13	3 9	2 19	10 37	0 46	20 23	1 4	29 11	17 1	14 10	14 12	21 27		n.a.
M17	16 36	27 13	3 35	7 43	1 53	26 20	2 33	18 37	1 15	1 40	1 13	3 12	2 19	10 37	0 46	20 24	1 4	29 11	17 0	14 12	14 13	21 30		n.a.
T 18	16 54	25 9	2 45	8 17	1 46	26 14	2 27	18 25	1 14	1 45	1 13	3 14	2 19	10 36	0 46	20 24	1 4	29 10	17 0	14 14	14 14	21 32		n.a.
W19	17 12	21 50	1 47	8 52	1 38	26 8	2 20	18 12	1 12	1 49	1 13	3 16	2 20	10 35	0 47	20 25	1 4	29 10	17 0	14 15	14 15	21 34		n.a.
T 20	17 29	17 26	0 42	9 28	1 31	26 1	2 13	18 0	1 10	1 54	1 13	3 19	2 20	10 35	0 47	20 25	1 3	29 10	16 59	14 15	14 16	21 36		n.a.
F 21	17 46	12 6	0s27	10 3	1 24	25 54	2 5	17 47	1 9	1 58	1 13	3 21	2 20	10 34	0 47	20 26	1 3	29 9	16 59	14 15	14 18	21 38		n.a.
S 22	18 3	6 3	1 37	10 39	1 16	25 46	1 57	17 34	1 7	2 3	1 13	3 23	2 20	10 34	0 47	20 26	1 3	29 9	16 59	14 15	14 19	21 40		n.a.
S 23	18 20	0s30	2 43	11 15	1 9	25 38	1 49	17 22	1 6	2 7	1 13	3 26	2 20	10 33	0 47	20 26	1 3	29 9	16 58	14 16	14 20	21 42		n.a.
M24	18 36	7 13	3 41	11 52	1 2	25 30	1 40	17 9	1 4	2 12	1 13	3 28	2 20	10 33	0 47	20 27	1 3	29 8	16 58	14 18	14 21	21 45		n.a.
T 25	18 52	13 44	4 26	12 28	0 54	25 21	1 31	16 56	1 2	2 16	1 13	3 30	2 20	10 32	0 47	20 27	1 3	29 8	16 57	14 21	14 22	21 47		n.a.
W26	19 7	19 33	4 53	13 3	0 46	25 11	1 21	16 42	1 1	2 21	1 13	3 32	2 20	10 32	0 47	20 28	1 3	29 7	16 57	14 24	14 23	21 49		n.a.
T 27	19 23	24 10	4 59	13 39	0 39	25 1	1 11	16 29	0 59	2 25	1 13	3 35	2 20	10 31	0 47	20 28	1 3	29 7	16 57	14 28	14 24	21 51		n.a.
F 28	19 37	27 3	4 44	14 14	0 32	24 51	1 1	16 16	0 58	2 29	1 14	3 37	2 21	10 31	0 47	20 29	1 3	29 7	16 56	14 32	14 25	21 53		n.a.
S 29	19 52	27 54	4 9	14 49	0 24	24 40	0 50	16 2	0 56	2 34	1 14	3 39	2 21	10 30	0 47	20 29	1 3	29 6	16 56	14 35	14 26	21 55		n.a.
S 30	20s 6	26s45	3s19	15s24	0n17	24s29	0s39	15s49	0s55	2s38	1n14	3s41	2n21	10n30	0n47	20s29	1n 3	29s 6	16s56	14s38	14s27	21n57		n.a.

Julian Day Number = 1305707.5, Delta T = 07h46m14s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'10, Lahiri = -19°40'10 Julian Calendar 1 Nov. 1139 BCE == Greg. Calendar 21 Oct. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1139 BCE
geocentric

DECEMBER 1139 BCE (-1138) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 55 45	29♏17'10	24♉14	13♏25	0♉47	20♒57	9♎31	14♎41	5♍11	5♐17	25♒19	21°R14	21♒49	16♉40	n.a.	M 1
T 2	3 59 41	0♐18'27	7♒55	14°54	0°52	21°35	9°42	14°47	5°12	5°19	25°19	21♒12	21°45	16°46	n.a.	T 2
W 3	4 3 38	1°19'43	21° 7	16°23	0°55	22°13	9°52	14°52	5°13	5°22	25°20	21°D12	21°42	16°53	n.a.	W 3
T 4	4 7 34	2°20'58	3♓54	17°53	0°R55	22°51	10° 3	14°58	5°14	5°24	25°20	21°R12	21°39	17° 0	n.a.	T 4
F 5	4 11 31	3°22'13	16°21	19°24	0°52	23°29	10°13	15° 3	5°15	5°26	25°20	21°11	21°36	17° 7	n.a.	F 5
S 6	4 15 28	4°23'26	28°33	20°55	0°48	24° 7	10°24	15° 8	5°16	5°29	25°21	21° 8	21°33	17°13	n.a.	S 6
S 7	4 19 24	5°24'39	10♈33	22°27	0°40	24°45	10°34	15°14	5°17	5°31	25°21	21° 3	21°30	17°20	n.a.	S 7
M 8	4 23 21	6°25'51	22°28	23°59	0°30	25°23	10°44	15°19	5°18	5°33	25°21	20°55	21°26	17°27	n.a.	M 8
T 9	4 27 17	7°27'02	4♉20	25°31	0°18	26° 1	10°54	15°24	5°18	5°35	25°22	20°45	21°23	17°33	n.a.	T 9
W10	4 31 14	8°28'13	16°11	27° 4	0° 3	26°39	11° 4	15°29	5°19	5°38	25°22	20°32	21°20	17°40	n.a.	W10
T 11	4 35 10	9°29'22	28° 5	28°38	29♐45	27°17	11°14	15°34	5°20	5°40	25°23	20°18	21°17	17°47	n.a.	T 11
F 12	4 39 7	10°30'31	10♊ 1	0♐12	29°25	27°55	11°23	15°39	5°20	5°42	25°23	20° 4	21°14	17°54	n.a.	F 12
S 13	4 43 4	11°31'39	22° 3	1°47	29° 3	28°34	11°33	15°44	5°21	5°44	25°24	19°51	21°11	18° 0	n.a.	S 13
S 14	4 47 0	12°32'46	4♋10	3°22	28°38	29°12	11°42	15°49	5°21	5°47	25°24	19°41	21° 7	18° 7	n.a.	S 14
M15	4 50 57	13°33'52	16°24	4°58	28°11	29°50	11°52	15°54	5°21	5°49	25°25	19°33	21° 4	18°14	n.a.	M15
T 16	4 54 53	14°34'58	28°46	6°34	27°43	0♓28	12° 1	15°59	5°22	5°51	25°26	19°28	21° 1	18°21	n.a.	T 16
W17	4 58 50	15°36'03	11♌20	8°11	27°12	1° 7	12°10	16° 3	5°22	5°54	25°26	19°26	20°58	18°27	n.a.	W17
T 18	5 2 46	16°37'06	24° 7	9°49	26°40	1°45	12°19	16° 8	5°22	5°56	25°27	19°D26	20°55	18°34	n.a.	T 18
F 19	5 6 43	17°38'10	7♍12	11°27	26° 7	2°23	12°28	16°13	5°22	5°58	25°27	19°27	20°51	18°41	n.a.	F 19
S 20	5 10 39	18°39'12	20°37	13° 5	25°32	3° 2	12°37	16°17	5°22	6° 0	25°28	19°R27	20°48	18°47	n.a.	S 20
S 21	5 14 36	19°40'13	4♎25	14°45	24°56	3°40	12°46	16°21	5°R22	6° 2	25°29	19°26	20°45	18°54	n.a.	S 21
M22	5 18 33	20°41'14	18°38	16°25	24°20	4°19	12°54	16°26	5°22	6° 5	25°30	19°23	20°42	19° 1	n.a.	M22
T 23	5 22 29	21°42'13	3♏12	18° 6	23°43	4°57	13° 3	16°30	5°22	6° 7	25°30	19°17	20°39	19° 8	n.a.	T 23
W24	5 26 26	22°43'12	18° 6	19°47	23° 6	5°36	13°11	16°34	5°22	6° 9	25°31	19°10	20°36	19°14	n.a.	W24
T 25	5 30 22	23°44'10	3♐11	21°29	22°29	6°14	13°19	16°38	5°22	6°11	25°32	19° 1	20°32	19°21	n.a.	T 25
F 26	5 34 19	24°45'07	18°17	23°12	21°52	6°53	13°27	16°42	5°22	6°14	25°33	18°52	20°29	19°28	n.a.	F 26
S 27	5 38 15	25°46'02	3♉15	24°56	21°15	7°31	13°35	16°46	5°21	6°16	25°33	18°44	20°26	19°35	n.a.	S 27
S 28	5 42 12	26°46'56	17°56	26°40	20°40	8°10	13°43	16°50	5°21	6°18	25°34	18°38	20°23	19°41	n.a.	S 28
M29	5 46 9	27°47'48	2♒12	28°25	20° 5	8°48	13°51	16°53	5°21	6°20	25°35	18°35	20°20	19°48	n.a.	M29
T 30	5 50 5	28°48'39	16° 1	0♉11	19°31	9°27	13°58	16°57	5°20	6°22	25°36	18°D33	20°17	19°55	n.a.	T 30
W31	5 54 2	29♐49'28	29♒22	1♉58	18♐59	10♓ 6	14♎ 5	17♎ 1	5♍20	6♐24	25♒37	18♒34	20♒13	20♉ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s20	23s52	2s17	15s58	0n10	24s17	0s27	15s35	0s53	2s42	1n14	3s43	2n21	10n29	0n47	20s30	1n 3	29s 5	16s55	14s39	14s28	21n59			n.a.
T 2	20 33	19 43	1 10	16 32	0 2	24 5	0 15	15 21	0 52	2 46	1 14	3 45	2 21	10 29	0 47	20 30	1 3	29 5	16 55	14 40	14 29	22 1			n.a.
W 3	20 46	14 42	0 0	17 5	0s 5	23 52	0 3	15 8	0 50	2 50	1 14	3 47	2 21	10 29	0 47	20 31	1 3	29 5	16 54	14 40	14 30	22 3			n.a.
T 4	20 58	9 12	1n 7	17 38	0 12	23 40	0n10	14 54	0 49	2 54	1 14	3 49	2 21	10 28	0 47	20 31	1 3	29 4	16 54	14 40	14 31	22 5			n.a.
F 5	21 10	3 30	2 9	18 10	0 18	23 26	0 23	14 40	0 47	2 58	1 14	3 51	2 22	10 28	0 47	20 31	1 3	29 4	16 54	14 40	14 32	22 8			n.a.
S 6	21 22	2n13	3 4	18 41	0 25	23 13	0 37	14 25	0 46	3 2	1 14	3 53	2 22	10 28	0 47	20 32	1 3	29 3	16 53	14 41	14 33	22 10			n.a.
S 7	21 33	7 45	3 50	19 12	0 32	22 59	0 51	14 11	0 45	3 6	1 15	3 55	2 22	10 28	0 47	20 32	1 3	29 3	16 53	14 43	14 34	22 12			n.a.
M 8	21 44	12 58	4 25	19 41	0 38	22 45	1 5	13 57	0 43	3 10	1 15	3 57	2 22	10 27	0 47	20 33	1 3	29 2	16 53	14 45	14 35	22 14			n.a.
T 9	21 55	17 41	4 49	20 11	0 44	22 30	1 19	13 43	0 42	3 14	1 15	3 59	2 22	10 27	0 47	20 33	1 3	29 2	16 52	14 49	14 36	22 16			n.a.
W10	22 5	21 43	5 0	20 39	0 51	22 16	1 34	13 28	0 41	3 18	1 15	4 1	2 22	10 27	0 47	20 34	1 3	29 1	16 52	14 53	14 37	22 18			n.a.
T 11	22 14	24 53	4 58	21 6	0 57	22 1	1 49	13 14	0 39	3 22	1 15	4 3	2 22	10 27	0 47	20 34	1 3	29 1	16 52	14 57	14 38	22 20			n.a.
F 12	22 23	26 59	4 43	21 32	1 2	21 45	2 4	12 59	0 38	3 26	1 15	4 4	2 23	10 27	0 47	20 34	1 3	29 0	16 51	15 2	14 39	22 22			n.a.
S 13	22 32	27 50	4 15	21 58	1 8	21 30	2 20	12 44	0 37	3 29	1 15	4 6	2 23	10 26	0 48	20 35	1 3	29 0	16 51	15 6	14 40	22 24			n.a.
S 14	22 40	27 22	3 36	22 22	1 13	21 15	2 35	12 29	0 35	3 33	1 16	4 8	2 23	10 26	0 48	20 35	1 3	28 59	16 51	15 9	14 41	22 26			n.a.
M15	22 48	25 33	2 46	22 45	1 18	20 59	2 50	12 15	0 34	3 36	1 16	4 10	2 23	10 26	0 48	20 36	1 3	28 59	16 50	15 12	14 43	22 28			n.a.
T 16	22 55	22 30	1 48	23 8	1 23	20 43	3 6	12 0	0 33	3 40	1 16	4 11	2 23	10 26	0 48	20 36	1 3	28 58	16 50	15 13	14 44	22 30			n.a.
W17	23 2	18 21	0 43	23 29	1 28	20 27	3 21	11 45	0 31	3 43	1 16	4 13	2 23	10 26	0 48	20 36	1 3	28 58	16 50	15 14	14 45	22 32			n.a.
T 18	23 9	13 18	0s25	23 48	1 32	20 11	3 36	11 30	0 30	3 47	1 16	4 15	2 24	10 26	0 48	20 37	1 3	28 57	16 49	15 14	14 46	22 34			n.a.
F 19	23 15	7 34	1 33	24 7	1 36	19 56	3 51	11 15	0 29	3 50	1 16	4 16	2 24	10 26	0 48	20 37	1 3	28 57	16 49	15 14	14 47	22 36			n.a.
S 20	23 20	1 21	2 38	24 24	1 40	19 40	4 5	10 59	0 28	3 54	1 16	4 18	2 24	10 26	0 48	20 38	1 3	28 56	16 49	15 14	14 48	22 38			n.a.
S 21	23 25	5s 5	3 36	24 40	1 44	19 25	4 20	10 44	0 27	3 57	1 17	4 19	2 24	10 26	0 48	20 38	1 3	28 55	16 48	15 14	14 49	22 40			n.a.
M22	23 30	11 27	4 22	24 54	1 47	19 9	4 33	10 29	0 25	4 0	1 17	4 21	2 24	10 26	0 48	20 38	1 3	28 55	16 48	15 15	14 50	22 42			n.a.
T 23	23 34	17 22	4 53	25 7	1 50	18 54	4 47	10 13	0 24	4 3	1 17	4 22	2 25	10 26	0 48	20 39	1 3	28 54	16 48	15 17	14 51	22 44			n.a.
W24	23 38	22 22	5 5	25 18	1 53	18 40	5 0	9 58	0 23	4 6	1 17	4 24	2 25	10 26	0 48	20 39	1 3	28 54	16 47	15 19	14 52	22 45			n.a.
T 25	23 41	25 58	4 56	25 28	1 55	18 26	5 12	9 43	0 22	4 10	1 17	4 25	2 25	10 26	0 48	20 40	1 3	28 53	16 47	15 22	14 53	22 47			n.a.
F 26	23 44	27 43	4 26	25 36	1 57	18 12	5 23	9 27	0 21	4 13	1 17	4 26	2 25	10 26	0 48	20 40	1 3	28 53	16 47	15 25	14 54	22 49			n.a.
S 27	23 46	27 26	3 38	25 42	1 58	17 59	5 34	9 11	0 20	4 16	1 17	4 28	2 25	10 27	0 48	20 40	1 3	28 52	16 46	15 27	14 55	22 51			n.a.
S 28	23 48	25 12	2 37	25 47	1 59	17 46	5 44	8 56	0 19	4 18	1 18	4 29	2 26	10 27	0 48	20 41	1 3	28 51	16 46	15 29	14 56	22 53			n.a.
M29	23 49	21 24	1 27	25 49	2 0	17 35	5 54	8 40	0 17	4 21	1 18	4 30	2 26	10 27	0 48	20 41	1 3	28 51	16 46	15 30	14 57	22 55			n.a.
T 30	23 50	16 31	0 14	25 50	2 0	17 24	6 2	8 24	0 16	4 24	1 18	4 31	2 26	10 27	0 48	20 41	1 3	28 50	16 45	15 31	14 58	22 57			n.a.
W31	23s50	10s59	0n58	25s49	2s 0	17s13	6n10	8s 9	0s15	4s27	1n18	4s33	2n26	10n27	0n48	20s42	1n 3	28s50	16s45	15s31	14s59	22n59			n.a.

Julian Day Number = 1305737.5, Delta T = 07h46m12s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'06, Lahiri = -19°40'06 Julian Calendar 1 Dec. 1139 BCE == Greg. Calendar 20 Nov. 1139 BCE

The year -1138 astronomical counting style corresponds to year 1139 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

JANUARY 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 58	0♉50'15	12♓16	3♉45	18°R29	10♓44	14♎13	17♎ 4	5°R19	6♐26	25♒38	18♒35	20♒10	20♉ 8	n.a.	T 1
F 2	6 1 55	1°51'01	24°48	5°32	18♐ 0	11°23	14°20	17° 7	5♍18	6°29	25°39	18°36	20° 7	20°15	n.a.	F 2
S 3	6 5 51	2°51'44	7♈ 3	7°21	17°34	12° 2	14°27	17°11	5°18	6°31	25°40	18°R36	20° 4	20°22	n.a.	S 3
S 4	6 9 48	3°52'26	19° 5	9°10	17° 9	12°40	14°33	17°14	5°17	6°33	25°41	18°35	20° 1	20°28	n.a.	S 4
M 5	6 13 44	4°53'06	1♉ 0	10°59	16°47	13°19	14°40	17°17	5°16	6°35	25°42	18°31	19°57	20°35	n.a.	M 5
T 6	6 17 41	5°53'44	12°51	12°49	16°27	13°57	14°47	17°20	5°15	6°37	25°43	18°26	19°54	20°42	n.a.	T 6
W 7	6 21 38	6°54'21	24°43	14°39	16° 9	14°36	14°53	17°23	5°14	6°39	25°44	18°19	19°51	20°49	n.a.	W 7
T 8	6 25 34	7°54'55	6♊39	16°29	15°54	15°15	14°59	17°26	5°13	6°41	25°45	18°11	19°48	20°55	n.a.	T 8
F 9	6 29 31	8°55'28	18°41	18°19	15°41	15°53	15° 5	17°29	5°12	6°43	25°46	18° 4	19°45	21° 2	n.a.	F 9
S 10	6 33 27	9°55'59	0♋50	20° 9	15°30	16°32	15°11	17°31	5°11	6°45	25°47	17°56	19°42	21° 9	n.a.	S 10
S 11	6 37 24	10°56'28	13° 9	21°59	15°23	17°11	15°17	17°34	5°10	6°47	25°48	17°51	19°38	21°15	n.a.	S 11
M12	6 41 20	11°56'56	25°38	23°48	15°17	17°50	15°22	17°36	5° 9	6°49	25°49	17°47	19°35	21°22	n.a.	M12
T 13	6 45 17	12°57'21	8♌18	25°36	15°14	18°28	15°28	17°39	5° 8	6°51	25°50	17°45	19°32	21°29	n.a.	T 13
W14	6 49 13	13°57'45	21° 9	27°22	15°D14	19° 7	15°33	17°41	5° 7	6°53	25°51	17°D44	19°29	21°36	n.a.	W14
T 15	6 53 10	14°58'07	4♍13	29° 7	15°16	19°46	15°38	17°43	5° 5	6°55	25°52	17°45	19°26	21°42	n.a.	T 15
F 16	6 57 7	15°58'28	17°30	0♒50	15°20	20°24	15°43	17°45	5° 4	6°56	25°54	17°47	19°23	21°49	n.a.	F 16
S 17	7 1 3	16°58'47	1♎ 1	2°30	15°27	21° 3	15°48	17°47	5° 3	6°58	25°55	17°48	19°19	21°56	n.a.	S 17
S 18	7 5 0	17°59'04	14°49	4° 7	15°36	21°42	15°52	17°49	5° 1	7° 0	25°56	17°R49	19°16	22° 3	n.a.	S 18
M19	7 8 56	18°59'20	28°52	5°40	15°47	22°20	15°57	17°51	5° 0	7° 2	25°57	17°49	19°13	22° 9	n.a.	M19
T 20	7 12 53	19°59'34	13♏10	7° 8	16° 1	22°59	16° 1	17°53	4°58	7° 4	25°58	17°47	19°10	22°16	n.a.	T 20
W21	7 16 49	20°59'46	27°41	8°32	16°16	23°38	16° 5	17°54	4°57	7° 6	26° 0	17°44	19° 7	22°23	n.a.	W21
T 22	7 20 46	21°59'57	12♐19	9°51	16°34	24°16	16° 9	17°56	4°55	7° 7	26° 1	17°41	19° 3	22°29	n.a.	T 22
F 23	7 24 42	23° 0'06	26°59	11° 3	16°53	24°55	16°13	17°57	4°53	7° 9	26° 2	17°37	19° 0	22°36	n.a.	F 23
S 24	7 28 39	24° 0'14	11♑34	12° 8	17°15	25°34	16°16	17°59	4°52	7°11	26° 3	17°34	18°57	22°43	n.a.	S 24
S 25	7 32 36	25° 0'19	25°57	13° 6	17°38	26°12	16°20	18° 0	4°50	7°12	26° 5	17°31	18°54	22°50	n.a.	S 25
M26	7 36 32	26° 0'22	10♒ 3	13°57	18° 3	26°51	16°23	18° 1	4°48	7°14	26° 6	17°30	18°51	22°56	n.a.	M26
T 27	7 40 29	27° 0'23	23°47	14°39	18°29	27°30	16°26	18° 2	4°46	7°16	26° 7	17°D30	18°48	23° 3	n.a.	T 27
W28	7 44 25	28° 0'22	7♓ 8	15°13	18°57	28° 8	16°29	18° 3	4°44	7°17	26° 9	17°31	18°44	23°10	n.a.	W28
T 29	7 48 22	29° 0'18	20° 6	15°37	19°27	28°47	16°31	18° 4	4°43	7°19	26°10	17°32	18°41	23°17	n.a.	T 29
F 30	7 52 18	0♒ 0'12	2♈43	15°53	19°58	29°26	16°34	18° 4	4°41	7°21	26°11	17°34	18°38	23°23	n.a.	F 30
S 31	7 56 15	1♒ 0'04	15♈ 2	16°R 0	20♐31	0♈ 4	16♎36	18♎ 5	4♍39	7♐22	26♒13	17♒35	18♒35	23♉30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s50	5s10	2n 4	25s46	1s59	17s 4	6n17	7s53	0s14	4s30	1n18	4s34	2n26	10n28	0n48	20s42	1n 3	28s49	16s45	15s30	15s 0	23n 1			n.a.
F 2	23 49	0n42	3 3	25 41	1 58	16 55	6 23	7 37	0 13	4 32	1 19	4 35	2 27	10 28	0 48	20 43	1 3	28 48	16 44	15 30	15 1	23 3			n.a.
S 3	23 48	6 23	3 51	25 34	1 56	16 47	6 29	7 21	0 12	4 35	1 19	4 36	2 27	10 28	0 48	20 43	1 3	28 48	16 44	15 30	15 2	23 5			n.a.
S 4	23 46	11 44	4 29	25 24	1 54	16 40	6 34	7 5	0 11	4 37	1 19	4 37	2 27	10 29	0 48	20 43	1 3	28 47	16 44	15 30	15 3	23 6			n.a.
M 5	23 44	16 36	4 54	25 13	1 51	16 34	6 38	6 49	0 10	4 40	1 19	4 38	2 27	10 29	0 49	20 44	1 3	28 46	16 44	15 31	15 4	23 8			n.a.
T 6	23 42	20 49	5 7	24 59	1 48	16 29	6 41	6 33	0 9	4 42	1 19	4 39	2 27	10 29	0 49	20 44	1 3	28 46	16 43	15 33	15 5	23 10			n.a.
W 7	23 39	24 12	5 7	24 44	1 43	16 25	6 43	6 17	0 8	4 44	1 19	4 40	2 28	10 30	0 49	20 44	1 3	28 45	16 43	15 35	15 6	23 12			n.a.
T 8	23 35	26 35	4 53	24 26	1 39	16 21	6 45	6 1	0 7	4 47	1 20	4 41	2 28	10 30	0 49	20 45	1 3	28 45	16 43	15 38	15 7	23 14			n.a.
F 9	23 32	27 46	4 26	24 6	1 33	16 19	6 46	5 45	0 6	4 49	1 20	4 42	2 28	10 30	0 49	20 45	1 3	28 44	16 43	15 40	15 8	23 16			n.a.
S 10	23 27	27 37	3 47	23 44	1 27	16 17	6 47	5 29	0 5	4 51	1 20	4 42	2 28	10 31	0 49	20 45	1 3	28 43	16 42	15 42	15 9	23 17			n.a.
S 11	23 22	26 6	2 57	23 19	1 20	16 16	6 47	5 12	0 4	4 53	1 20	4 43	2 28	10 31	0 49	20 46	1 3	28 43	16 42	15 44	15 10	23 19			n.a.
M12	23 17	23 17	1 57	22 53	1 13	16 16	6 46	4 56	0 3	4 55	1 20	4 44	2 29	10 32	0 49	20 46	1 3	28 42	16 42	15 45	15 11	23 21			n.a.
T 13	23 11	19 19	0 51	22 25	1 4	16 17	6 45	4 40	0 2	4 57	1 20	4 45	2 29	10 32	0 49	20 46	1 3	28 41	16 42	15 46	15 12	23 23			n.a.
W14	23 5	14 23	0s19	21 56	0 55	16 19	6 44	4 24	0 1	4 59	1 21	4 45	2 29	10 33	0 49	20 47	1 3	28 41	16 41	15 46	15 13	23 25			n.a.
T 15	22 59	8 45	1 29	21 24	0 45	16 21	6 42	4 8	0 0	5 1	1 21	4 46	2 29	10 33	0 49	20 47	1 3	28 40	16 41	15 46	15 14	23 27			n.a.
F 16	22 51	2 38	2 35	20 52	0 34	16 24	6 39	3 51	0n 0	5 2	1 21	4 47	2 30	10 34	0 49	20 47	1 3	28 40	16 41	15 45	15 15	23 28			n.a.
S 17	22 44	3s41	3 35	20 18	0 23	16 27	6 36	3 35	0 1	5 4	1 21	4 47	2 30	10 34	0 49	20 47	1 3	28 39	16 41	15 45	15 16	23 30			n.a.
S 18	22 36	9 57	4 23	19 43	0 11	16 31	6 33	3 19	0 2	5 6	1 21	4 48	2 30	10 35	0 49	20 48	1 3	28 38	16 40	15 45	15 17	23 32			n.a.
M19	22 28	15 51	4 56	19 8	0n 2	16 36	6 30	3 2	0 3	5 7	1 22	4 48	2 30	10 36	0 49	20 48	1 3	28 38	16 40	15 45	15 18	23 34			n.a.
T 20	22 19	20 59	5 12	18 33	0 15	16 41	6 26	2 46	0 4	5 9	1 22	4 49	2 31	10 36	0 49	20 48	1 3	28 37	16 40	15 45	15 19	23 35			n.a.
W21	22 10	24 58	5 8	17 57	0 29	16 47	6 21	2 30	0 5	5 10	1 22	4 49	2 31	10 37	0 49	20 49	1 3	28 36	16 40	15 46	15 20	23 37			n.a.
T 22	22 0	27 21	4 45	17 22	0 44	16 53	6 17	2 13	0 6	5 11	1 22	4 49	2 31	10 37	0 49	20 49	1 3	28 36	16 40	15 47	15 21	23 39			n.a.
F 23	21 50	27 50	4 3	16 48	0 58	17 0	6 12	1 57	0 7	5 13	1 22	4 50	2 31	10 38	0 49	20 49	1 3	28 35	16 39	15 48	15 22	23 41			n.a.
S 24	21 40	26 23	3 5	16 16	1 14	17 7	6 7	1 41	0 7	5 14	1 23	4 50	2 31	10 39	0 49	20 49	1 3	28 34	16 39	15 49	15 23	23 42			n.a.
S 25	21 29	23 12	1 56	15 44	1 29	17 14	6 2	1 24	0 8	5 15	1 23	4 50	2 32	10 39	0 49	20 50	1 3	28 34	16 39	15 50	15 24	23 44			n.a.
M26	21 18	18 41	0 41	15 15	1 44	17 22	5 57	1 8	0 9	5 16	1 23	4 51	2 32	10 40	0 49	20 50	1 3	28 33	16 39	15 50	15 25	23 46			n.a.
T 27	21 6	13 16	0n35	14 48	1 59	17 29	5 51	0 52	0 10	5 17	1 23	4 51	2 32	10 41	0 49	20 50	1 3	28 33	16 39	15 50	15 26	23 48			n.a.
W28	20 54	7 24	1 46	14 24	2 14	17 37	5 46	0 35	0 11	5 18	1 23	4 51	2 32	10 41	0 49	20 51	1 3	28 32	16 38	15 50	15 27	23 49			n.a.
T 29	20 42	1 23	2 50	14 3	2 29	17 46	5 40	0 19	0 11	5 19	1 24	4 51	2 33	10 42	0 49	20 51	1 3	28 31	16 38	15 50	15 28	23 51			n.a.
F 30	20 29	4n31	3 44	13 45	2 43	17 54	5 34	0 3	0 12	5 20	1 24	4 51	2 33	10 43	0 49	20 51	1 3	28 31	16 38	15 49	15 29	23 53			n.a.
S 31	20s16	10n 6	4n26	13s30	2n56	18s 2	5n28	0n14	0n13	5s20	1n24	4s51	2n33	10n44	0n49	20s51	1n 3	28s30	16s38	15s49	15s30	23n54			n.a.

Julian Day Number = 1305768.5, Delta T = 07h46m11s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°47'02, Lahiri = -19°40'02 Julian Calendar 1 Jan. 1138 BCE == Greg. Calendar 21 Dec. 1139 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

FEBRUARY 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 11	1♒59'54	27♈ 8	15°R58	21♐ 5	0♈43	16♎38	18♎ 5	4°R37	7♐24	26♒14	17°R36	18♒32	23♉37	n.a.	S 1
M 2	8 4 8	2°59'41	9♉ 5	15♒47	21°40	1°22	16°40	18° 6	4♍35	7°25	26°15	17♒36	18°29	23°43	n.a.	M 2
T 3	8 8 5	3°59'26	20°58	15°28	22°17	2° 0	16°42	18° 6	4°33	7°27	26°17	17°35	18°25	23°50	n.a.	T 3
W 4	8 12 1	4°59'08	2♊51	15° 1	22°55	2°39	16°43	18° 6	4°30	7°28	26°18	17°34	18°22	23°57	n.a.	W 4
T 5	8 15 58	5°58'48	14°48	14°27	23°34	3°18	16°45	18° 7	4°28	7°29	26°19	17°32	18°19	24° 4	n.a.	T 5
F 6	8 19 54	6°58'26	26°54	13°47	24°14	3°56	16°46	18°R 7	4°26	7°31	26°21	17°31	18°16	24°10	n.a.	F 6
S 7	8 23 51	7°58'01	9♋11	13° 1	24°56	4°35	16°47	18° 7	4°24	7°32	26°22	17°29	18°13	24°17	n.a.	S 7
S 8	8 27 47	8°57'34	21°41	12°11	25°38	5°14	16°48	18° 6	4°22	7°33	26°24	17°28	18° 9	24°24	n.a.	S 8
M 9	8 31 44	9°57'05	4♌26	11°18	26°21	5°52	16°48	18° 6	4°20	7°35	26°25	17°27	18° 6	24°30	n.a.	M 9
T 10	8 35 40	10°56'34	17°26	10°24	27° 6	6°31	16°49	18° 6	4°17	7°36	26°26	17°D27	18° 3	24°37	n.a.	T 10
W11	8 39 37	11°56'00	0♍40	9°28	27°51	7° 9	16°49	18° 5	4°15	7°37	26°28	17°27	18° 0	24°44	n.a.	W11
T 12	8 43 33	12°55'24	14° 8	8°33	28°37	7°48	16°R49	18° 5	4°13	7°38	26°29	17°28	17°57	24°51	n.a.	T 12
F 13	8 47 30	13°54'46	27°49	7°40	29°24	8°26	16°49	18° 4	4°10	7°40	26°31	17°28	17°54	24°57	n.a.	F 13
S 14	8 51 27	14°54'07	11♎41	6°50	0♏12	9° 5	16°49	18° 3	4° 8	7°41	26°32	17°28	17°50	25° 4	n.a.	S 14
S 15	8 55 23	15°53'25	25°41	6° 2	1° 1	9°44	16°48	18° 2	4° 6	7°42	26°34	17°29	17°47	25°11	n.a.	S 15
M16	8 59 20	16°52'41	9♏48	5°19	1°50	10°22	16°48	18° 1	4° 3	7°43	26°35	17°29	17°44	25°18	n.a.	M16
T 17	9 3 16	17°51'56	24° 1	4°41	2°40	11° 1	16°47	18° 0	4° 1	7°44	26°37	17°29	17°41	25°24	n.a.	T 17
W18	9 7 13	18°51'09	8♐16	4° 8	3°31	11°39	16°46	17°59	3°58	7°45	26°38	17°29	17°38	25°31	n.a.	W18
T 19	9 11 9	19°50'20	22°31	3°41	4°23	12°18	16°44	17°58	3°56	7°46	26°39	17°29	17°35	25°38	n.a.	T 19
F 20	9 15 6	20°49'29	6♑42	3°19	5°15	12°56	16°43	17°57	3°53	7°47	26°41	17°29	17°31	25°44	n.a.	F 20
S 21	9 19 2	21°48'36	20°48	3° 3	6° 7	13°35	16°41	17°55	3°51	7°48	26°42	17°30	17°28	25°51	n.a.	S 21
S 22	9 22 59	22°47'41	4♒43	2°52	7° 1	14°13	16°39	17°54	3°48	7°49	26°44	17°30	17°25	25°58	n.a.	S 22
M23	9 26 56	23°46'44	18°26	2°D48	7°55	14°52	16°37	17°52	3°46	7°50	26°45	17°R30	17°22	26° 5	n.a.	M23
T 24	9 30 52	24°45'45	1♓53	2°49	8°49	15°30	16°35	17°50	3°43	7°51	26°47	17°30	17°19	26°11	n.a.	T 24
W25	9 34 49	25°44'43	15° 3	2°55	9°44	16° 9	16°33	17°49	3°41	7°52	26°48	17°29	17°15	26°18	n.a.	W25
T 26	9 38 45	26°43'39	27°56	3° 7	10°40	16°47	16°30	17°47	3°38	7°52	26°50	17°28	17°12	26°25	n.a.	T 26
F 27	9 42 42	27°42'33	10♈31	3°24	11°36	17°25	16°28	17°45	3°36	7°53	26°51	17°27	17° 9	26°32	n.a.	F 27
S 28	9 46 38	28♒41'25	22♈51	3♒45	12♏32	18♈ 4	16♎25	17♎43	3♍33	7♐54	26♒53	17♒25	17♒ 6	26♉38	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s 2	15n12	4n56	13s19	3n 8	18s11	5n22	0n30	0n14	5s21	1n24	4s51	2n33	10n44	0n49	20s52	1n 3	28s29	16s38	15s49	15s31	23n56			n.a.
M 2	19 49	19 41	5 12	13 12	3 19	18 19	5 15	0 46	0 15	5 22	1 24	4 51	2 34	10 45	0 49	20 52	1 3	28 29	16 38	15 49	15 32	23 58			n.a.
T 3	19 34	23 21	5 15	13 9	3 29	18 28	5 9	1 3	0 15	5 22	1 25	4 51	2 34	10 46	0 49	20 52	1 4	28 28	16 38	15 49	15 33	23 59			n.a.
W 4	19 20	26 3	5 5	13 9	3 37	18 36	5 3	1 19	0 16	5 22	1 25	4 51	2 34	10 47	0 50	20 52	1 4	28 27	16 37	15 49	15 34	24 1			n.a.
T 5	19 5	27 36	4 41	13 12	3 43	18 45	4 56	1 35	0 17	5 23	1 25	4 51	2 34	10 48	0 50	20 52	1 4	28 27	16 37	15 50	15 35	24 3			n.a.
F 6	18 50	27 52	4 4	13 20	3 48	18 53	4 49	1 51	0 17	5 23	1 25	4 50	2 34	10 49	0 50	20 53	1 4	28 26	16 37	15 50	15 36	24 4			n.a.
S 7	18 34	26 46	3 16	13 30	3 51	19 1	4 43	2 8	0 18	5 23	1 25	4 50	2 35	10 49	0 50	20 53	1 4	28 26	16 37	15 51	15 37	24 6			n.a.
S 8	18 19	24 19	2 18	13 43	3 51	19 10	4 36	2 24	0 19	5 23	1 26	4 50	2 35	10 50	0 50	20 53	1 4	28 25	16 37	15 51	15 38	24 8			n.a.
M 9	18 3	20 37	1 12	13 59	3 50	19 18	4 29	2 40	0 20	5 24	1 26	4 50	2 35	10 51	0 50	20 53	1 4	28 24	16 37	15 51	15 39	24 9			n.a.
T 10	17 46	15 52	0 0	14 17	3 47	19 25	4 23	2 56	0 20	5 24	1 26	4 49	2 35	10 52	0 50	20 53	1 4	28 24	16 37	15 51	15 40	24 11			n.a.
W11	17 30	10 17	1s13	14 36	3 42	19 33	4 16	3 12	0 21	5 23	1 26	4 49	2 36	10 53	0 50	20 54	1 4	28 23	16 37	15 51	15 41	24 13			n.a.
T 12	17 13	4 9	2 23	14 57	3 35	19 40	4 9	3 28	0 22	5 23	1 26	4 48	2 36	10 54	0 50	20 54	1 4	28 23	16 37	15 51	15 42	24 14			n.a.
F 13	16 55	2s15	3 25	15 19	3 27	19 48	4 2	3 44	0 22	5 23	1 27	4 48	2 36	10 55	0 50	20 54	1 4	28 22	16 37	15 51	15 43	24 16			n.a.
S 14	16 38	8 37	4 17	15 41	3 17	19 54	3 55	4 1	0 23	5 23	1 27	4 48	2 36	10 55	0 50	20 54	1 4	28 21	16 36	15 51	15 44	24 17			n.a.
S 15	16 20	14 38	4 54	16 4	3 6	20 1	3 49	4 17	0 24	5 22	1 27	4 47	2 36	10 56	0 50	20 54	1 4	28 21	16 36	15 51	15 45	24 19			n.a.
M16	16 2	19 56	5 14	16 26	2 54	20 7	3 42	4 33	0 24	5 22	1 27	4 46	2 37	10 57	0 50	20 54	1 4	28 20	16 36	15 51	15 46	24 21			n.a.
T 17	15 44	24 9	5 15	16 48	2 41	20 13	3 35	4 48	0 25	5 21	1 27	4 46	2 37	10 58	0 50	20 55	1 4	28 20	16 36	15 51	15 47	24 22			n.a.
W18	15 25	26 55	4 56	17 10	2 27	20 19	3 28	5 4	0 26	5 21	1 28	4 45	2 37	10 59	0 50	20 55	1 4	28 19	16 36	15 51	15 48	24 24			n.a.
T 19	15 6	27 56	4 20	17 30	2 13	20 24	3 21	5 20	0 26	5 20	1 28	4 44	2 37	11 0	0 50	20 55	1 4	28 18	16 36	15 51	15 49	24 25			n.a.
F 20	14 47	27 7	3 27	17 49	1 58	20 29	3 15	5 36	0 27	5 19	1 28	4 44	2 38	11 1	0 50	20 55	1 4	28 18	16 36	15 51	15 50	24 27			n.a.
S 21	14 28	24 33	2 23	18 7	1 43	20 34	3 8	5 52	0 28	5 19	1 28	4 43	2 38	11 2	0 50	20 55	1 4	28 17	16 36	15 51	15 51	24 28			n.a.
S 22	14 9	20 32	1 10	18 24	1 29	20 38	3 1	6 8	0 28	5 18	1 28	4 42	2 38	11 3	0 50	20 55	1 4	28 17	16 36	15 51	15 52	24 30			n.a.
M23	13 49	15 28	0n 5	18 40	1 14	20 41	2 55	6 23	0 29	5 17	1 28	4 41	2 38	11 4	0 50	20 55	1 4	28 16	16 36	15 50	15 53	24 31			n.a.
T 24	13 29	9 45	1 19	18 54	0 59	20 44	2 48	6 39	0 29	5 16	1 29	4 41	2 38	11 5	0 50	20 55	1 4	28 16	16 36	15 51	15 54	24 33			n.a.
W25	13 9	3 44	2 27	19 6	0 45	20 47	2 41	6 55	0 30	5 15	1 29	4 40	2 39	11 6	0 50	20 56	1 4	28 15	16 36	15 51	15 55	24 34			n.a.
T 26	12 48	2n18	3 26	19 17	0 31	20 50	2 35	7 10	0 31	5 14	1 29	4 39	2 39	11 7	0 50	20 56	1 4	28 15	16 36	15 51	15 56	24 36			n.a.
F 27	12 28	8 6	4 13	19 26	0 17	20 51	2 28	7 26	0 31	5 12	1 29	4 38	2 39	11 7	0 50	20 56	1 4	28 14	16 36	15 51	15 57	24 37			n.a.
S 28	12s 7	13n28	4n48	19s34	0n 4	20s53	2n22	7n41	0n32	5s11	1n29	4s37	2n39	11n 8	0n50	20s56	1n 4	28s14	16s36	15s52	15s58	24n39			n.a.

Julian Day Number = 1305799.5, Delta T = 07h46m09s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'58, Lahiri = -19°39'57 Julian Calendar 1 Feb. 1138 BCE == Greg. Calendar 21 Jan. 1138 BCE

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

MARCH 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 35	29♒40'14	4♉58	4♒11	13♉29	18♈42	16°R22	17°R40	3°R30	7♐54	26♒54	17°R24	17♒ 3	26♉45	n.a.	S 1
M 2	9 54 31	0♓39'01	16°57	4°42	14°27	19°21	16♎18	17♎38	3♍28	7°55	26°56	17♒23	17° 0	26°52	n.a.	M 2
T 3	9 58 28	1°37'45	28°50	5°17	15°24	19°59	16°15	17°36	3°25	7°56	26°57	17°D22	16°56	26°58	n.a.	T 3
W 4	10 2 24	2°36'28	10♊43	5°55	16°23	20°38	16°11	17°34	3°23	7°56	26°58	17°23	16°53	27° 5	n.a.	W 4
T 5	10 6 21	3°35'07	22°41	6°38	17°21	21°16	16° 8	17°31	3°20	7°57	27° 0	17°23	16°50	27°12	n.a.	T 5
F 6	10 10 18	4°33'45	4♋48	7°24	18°20	21°54	16° 4	17°28	3°18	7°57	27° 1	17°25	16°47	27°19	n.a.	F 6
S 7	10 14 14	5°32'20	17° 8	8°13	19°19	22°33	16° 0	17°26	3°15	7°58	27° 3	17°26	16°44	27°25	n.a.	S 7
S 8	10 18 11	6°30'53	29°45	9° 6	20°19	23°11	15°55	17°23	3°12	7°58	27° 4	17°27	16°40	27°32	n.a.	S 8
M 9	10 22 7	7°29'24	12♌41	10° 2	21°19	23°49	15°51	17°20	3°10	7°59	27° 6	17°R28	16°37	27°39	n.a.	M 9
T 10	10 26 4	8°27'52	25°58	11° 1	22°20	24°28	15°46	17°17	3° 7	7°59	27° 7	17°28	16°34	27°45	n.a.	T 10
W11	10 30 0	9°26'19	9♍35	12° 2	23°20	25° 6	15°42	17°14	3° 5	8° 0	27° 9	17°27	16°31	27°52	n.a.	W11
T 12	10 33 57	10°24'43	23°30	13° 7	24°21	25°44	15°37	17°11	3° 2	8° 0	27°10	17°24	16°28	27°59	n.a.	T 12
F 13	10 37 53	11°23'05	7♎39	14°14	25°23	26°23	15°32	17° 8	3° 0	8° 0	27°12	17°21	16°25	28° 6	n.a.	F 13
S 14	10 41 50	12°21'26	21°58	15°23	26°24	27° 1	15°26	17° 5	2°57	8° 0	27°13	17°18	16°21	28°12	n.a.	S 14
S 15	10 45 46	13°19'45	6♏22	16°35	27°26	27°39	15°21	17° 2	2°55	8° 1	27°14	17°15	16°18	28°19	n.a.	S 15
M16	10 49 43	14°18'02	20°45	17°49	28°28	28°17	15°16	16°59	2°52	8° 1	27°16	17°12	16°15	28°26	n.a.	M16
T 17	10 53 40	15°16'17	5♐ 5	19° 5	29°31	28°56	15°10	16°55	2°50	8° 1	27°17	17°10	16°12	28°33	n.a.	T 17
W18	10 57 36	16°14'31	19°16	20°24	0♒33	29°34	15° 4	16°52	2°47	8° 1	27°19	17°D10	16° 9	28°39	n.a.	W18
T 19	11 1 33	17°12'44	3♉19	21°45	1°36	0♉12	14°59	16°48	2°45	8° 1	27°20	17°11	16° 6	28°46	n.a.	T 19
F 20	11 5 29	18°10'55	17°10	23° 7	2°39	0°50	14°53	16°45	2°42	8° 1	27°21	17°12	16° 2	28°53	n.a.	F 20
S 21	11 9 26	19° 9'04	0♒51	24°32	3°43	1°29	14°46	16°41	2°40	8° 1	27°23	17°14	15°59	28°59	n.a.	S 21
S 22	11 13 22	20° 7'11	14°20	25°59	4°47	2° 7	14°40	16°38	2°37	8°R 1	27°24	17°R14	15°56	29° 6	n.a.	S 22
M23	11 17 19	21° 5'17	27°36	27°28	5°50	2°45	14°34	16°34	2°35	8° 1	27°26	17°14	15°53	29°13	n.a.	M23
T 24	11 21 15	22° 3'21	10♓41	28°59	6°54	3°23	14°27	16°30	2°32	8° 1	27°27	17°12	15°50	29°20	n.a.	T 24
W25	11 25 12	23° 1'23	23°33	0♓31	7°59	4° 1	14°21	16°26	2°30	8° 1	27°28	17° 8	15°46	29°26	n.a.	W25
T 26	11 29 9	23°59'24	6♈12	2° 6	9° 3	4°39	14°14	16°22	2°28	8° 1	27°30	17° 3	15°43	29°33	n.a.	T 26
F 27	11 33 5	24°57'23	18°39	3°42	10° 8	5°18	14° 7	16°18	2°25	8° 1	27°31	16°56	15°40	29°40	n.a.	F 27
S 28	11 37 2	25°55'19	0♉54	5°21	11°13	5°56	14° 1	16°14	2°23	8° 1	27°32	16°49	15°37	29°46	n.a.	S 28
S 29	11 40 58	26°53'15	12°58	7° 1	12°18	6°34	13°54	16°10	2°21	8° 1	27°34	16°43	15°34	29°53	n.a.	S 29
M30	11 44 55	27°51'08	24°55	8°43	13°23	7°12	13°47	16° 6	2°19	8° 0	27°35	16°37	15°31	29°59	n.a.	M30
T 31	11 48 51	28♓48'59	6♊48	10♓27	14♒28	7♉50	13♎40	16♎ 2	2♍16	8♐ 0	27♒36	16♒33	15♒27	0♊ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s46	18n13	5n 9	19s40	0s 9	20s54	2n15	7n56	0n32	5s10	1n29	4s36	2n39	11n 9	0n50	20s56	1n 4	28s13	16s36	15s52	15s59	24n40			n.a.
M 2	11 25	22 12	5 16	19 45	0 21	20 54	2 9	8 12	0 33	5 8	1 30	4 35	2 39	11 10	0 50	20 56	1 4	28 12	16 36	15 53	16 0	24 42			n.a.
T 3	11 4	25 15	5 10	19 48	0 33	20 54	2 2	8 27	0 33	5 7	1 30	4 34	2 40	11 11	0 50	20 56	1 4	28 12	16 36	15 53	16 1	24 43			n.a.
W 4	10 43	27 12	4 50	19 49	0 44	20 53	1 56	8 42	0 34	5 5	1 30	4 33	2 40	11 12	0 50	20 56	1 4	28 11	16 36	15 53	16 2	24 45			n.a.
T 5	10 21	27 55	4 18	19 48	0 55	20 52	1 50	8 58	0 34	5 4	1 30	4 32	2 40	11 13	0 50	20 56	1 4	28 11	16 36	15 53	16 3	24 46			n.a.
F 6	10 0	27 19	3 34	19 46	1 5	20 50	1 44	9 13	0 35	5 2	1 30	4 30	2 40	11 14	0 50	20 56	1 4	28 10	16 36	15 52	16 4	24 48			n.a.
S 7	9 38	25 21	2 40	19 43	1 15	20 48	1 38	9 28	0 36	5 0	1 30	4 29	2 40	11 15	0 50	20 56	1 4	28 10	16 36	15 52	16 5	24 49			n.a.
S 8	9 16	22 6	1 36	19 37	1 24	20 46	1 31	9 43	0 36	4 59	1 30	4 28	2 41	11 16	0 50	20 56	1 4	28 9	16 36	15 51	16 6	24 51			n.a.
M 9	8 54	17 42	0 26	19 30	1 33	20 42	1 25	9 58	0 37	4 57	1 31	4 27	2 41	11 17	0 50	20 57	1 4	28 9	16 36	15 51	16 7	24 52			n.a.
T 10	8 32	12 20	0s47	19 22	1 40	20 38	1 20	10 12	0 37	4 55	1 31	4 26	2 41	11 18	0 50	20 57	1 4	28 9	16 36	15 51	16 8	24 54			n.a.
W11	8 10	6 17	1 59	19 11	1 48	20 34	1 14	10 27	0 38	4 53	1 31	4 24	2 41	11 19	0 50	20 57	1 4	28 8	16 37	15 52	16 9	24 55			n.a.
T 12	7 47	0s12	3 5	18 59	1 55	20 29	1 8	10 42	0 38	4 51	1 31	4 23	2 41	11 20	0 50	20 57	1 4	28 8	16 37	15 52	16 10	24 56			n.a.
F 13	7 25	6 46	4 1	18 45	2 1	20 24	1 2	10 56	0 39	4 49	1 31	4 22	2 41	11 21	0 50	20 57	1 4	28 7	16 37	15 53	16 11	24 58			n.a.
S 14	7 2	13 3	4 43	18 30	2 7	20 18	0 56	11 11	0 39	4 47	1 31	4 20	2 41	11 22	0 50	20 57	1 4	28 7	16 37	15 54	16 12	24 59			n.a.
S 15	6 39	18 41	5 8	18 13	2 12	20 11	0 51	11 25	0 40	4 44	1 31	4 19	2 42	11 23	0 50	20 57	1 4	28 6	16 37	15 55	16 13	25 1			n.a.
M16	6 17	23 15	5 13	17 54	2 16	20 4	0 45	11 40	0 40	4 42	1 31	4 18	2 42	11 23	0 50	20 57	1 4	28 6	16 37	15 56	16 13	25 2			n.a.
T 17	5 54	26 23	4 58	17 34	2 20	19 56	0 40	11 54	0 41	4 40	1 31	4 16	2 42	11 24	0 50	20 57	1 4	28 5	16 37	15 57	16 14	25 3			n.a.
W18	5 31	27 48	4 26	17 12	2 24	19 48	0 34	12 8	0 41	4 38	1 32	4 15	2 42	11 25	0 50	20 57	1 5	28 5	16 37	15 57	16 15	25 5			n.a.
T 19	5 8	27 25	3 37	16 48	2 27	19 39	0 29	12 22	0 42	4 35	1 32	4 13	2 42	11 26	0 50	20 57	1 5	28 5	16 37	15 56	16 16	25 6			n.a.
F 20	4 45	25 18	2 37	16 22	2 29	19 30	0 24	12 37	0 42	4 33	1 32	4 12	2 42	11 27	0 50	20 57	1 5	28 4	16 37	15 56	16 17	25 7			n.a.
S 21	4 22	21 44	1 28	15 55	2 31	19 20	0 19	12 50	0 42	4 30	1 32	4 10	2 42	11 28	0 50	20 57	1 5	28 4	16 38	15 56	16 18	25 9			n.a.
S 22	3 59	17 3	0 16	15 26	2 32	19 10	0 14	13 4	0 43	4 28	1 32	4 9	2 42	11 29	0 50	20 57	1 5	28 3	16 38	15 55	16 19	25 10			n.a.
M23	3 35	11 37	0n56	14 56	2 32	18 59	0 9	13 18	0 43	4 25	1 32	4 7	2 43	11 30	0 50	20 57	1 5	28 3	16 38	15 55	16 20	25 11			n.a.
T 24	3 12	5 46	2 4	14 24	2 32	18 47	0 4	13 32	0 44	4 23	1 32	4 6	2 43	11 31	0 50	20 57	1 5	28 3	16 38	15 56	16 21	25 13			n.a.
W25	2 49	0n13	3 5	13 50	2 32	18 35	0s 1	13 46	0 44	4 20	1 32	4 4	2 43	11 31	0 50	20 56	1 5	28 2	16 38	15 57	16 22	25 14			n.a.
T 26	2 25	6 5	3 55	13 14	2 31	18 22	0 5	13 59	0 45	4 18	1 32	4 2	2 43	11 32	0 50	20 56	1 5	28 2	16 38	15 59	16 23	25 15			n.a.
F 27	2 2	11 37	4 33	12 37	2 29	18 9	0 10	14 12	0 45	4 15	1 32	4 1	2 43	11 33	0 50	20 56	1 5	28 2	16 39	16 1	16 24	25 17			n.a.
S 28	1 39	16 36	4 58	11 58	2 27	17 56	0 15	14 26	0 46	4 12	1 32	3 59	2 43	11 34	0 50	20 56	1 5	28 1	16 39	16 3	16 25	25 18			n.a.
S 29	1 15	20 52	5 9	11 18	2 24	17 42	0 19	14 39	0 46	4 9	1 32	3 58	2 43	11 35	0 50	20 56	1 5	28 1	16 39	16 5	16 26	25 19			n.a.
M30	0 52	24 15	5 6	10 36	2 21	17 27	0 23	14 52	0 46	4 7	1 32	3 56	2 43	11 36	0 50	20 56	1 5	28 1	16 39	16 7	16 27	25 21			n.a.
T 31	0s29	26n34	4n50	9s52	2s17	17s12	0s28	15n 5	0n47	4s 4	1n32	3s54	2n43	11n36	0n50	20s56	1n 5	28s 0	16s39	16s 8	16s28	25n22			n.a.

Julian Day Number = 1305827.5, Delta T = 07h46m07s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'54, Lahiri = -19°39'53 Julian Calendar 1 March 1138 BCE == Greg. Calendar 18 Feb. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

APRIL 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 52 48	29♓46'49	18♊40	12♓14	15♒34	8♉28	13°R32	15°R58	2°R14	8°R 0	27♒37	16°R30	15♒24	0♊13	n.a.	W 1
T 2	11 56 44	0♈44'37	0♋36	14° 1	16°39	9° 6	13♎25	15♎54	2♍12	7♐59	27°39	16°D29	15°21	0°20	n.a.	T 2
F 3	12 0 41	1°42'22	12°42	15°51	17°45	9°44	13°18	15°50	2°10	7°59	27°40	16♒30	15°18	0°27	n.a.	F 3
S 4	12 4 38	2°40'06	25° 1	17°43	18°51	10°23	13°11	15°46	2° 8	7°59	27°41	16°31	15°15	0°33	n.a.	S 4
S 5	12 8 34	3°37'49	7♌39	19°37	19°57	11° 1	13° 3	15°41	2° 6	7°58	27°42	16°32	15°12	0°40	n.a.	S 5
M 6	12 12 31	4°35'29	20°39	21°32	21° 4	11°39	12°56	15°37	2° 4	7°58	27°44	16°R33	15° 8	0°47	n.a.	M 6
T 7	12 16 27	5°33'08	4♍ 5	23°29	22°10	12°17	12°48	15°33	2° 2	7°57	27°45	16°31	15° 5	0°54	n.a.	T 7
W 8	12 20 24	6°30'45	17°56	25°29	23°17	12°55	12°41	15°29	2° 0	7°57	27°46	16°28	15° 2	1° 0	n.a.	W 8
T 9	12 24 20	7°28'20	2♎11	27°30	24°23	13°33	12°33	15°24	1°58	7°56	27°47	16°22	14°59	1° 7	n.a.	T 9
F 10	12 28 17	8°25'54	16°45	29°32	25°30	14°11	12°26	15°20	1°56	7°55	27°48	16°15	14°56	1°14	n.a.	F 10
S 11	12 32 13	9°23'27	1♏31	1♈37	26°37	14°49	12°18	15°16	1°54	7°55	27°50	16° 7	14°52	1°20	n.a.	S 11
S 12	12 36 10	10°20'59	16°22	3°42	27°44	15°27	12°10	15°11	1°52	7°54	27°51	15°59	14°49	1°27	n.a.	S 12
M13	12 40 6	11°18'29	1♐ 8	5°50	28°51	16° 5	12° 3	15° 7	1°50	7°53	27°52	15°53	14°46	1°34	n.a.	M13
T 14	12 44 3	12°15'59	15°43	7°58	29°59	16°43	11°55	15° 2	1°48	7°53	27°53	15°48	14°43	1°41	n.a.	T 14
W15	12 48 0	13°13'27	0♑ 3	10° 8	1♓ 6	17°21	11°47	14°58	1°47	7°52	27°54	15°45	14°40	1°47	n.a.	W15
T 16	12 51 56	14°10'55	14° 4	12°18	2°14	17°59	11°40	14°54	1°45	7°51	27°55	15°D44	14°37	1°54	n.a.	T 16
F 17	12 55 53	15° 8'22	27°47	14°29	3°21	18°37	11°32	14°49	1°43	7°50	27°56	15°45	14°33	2° 1	n.a.	F 17
S 18	12 59 49	16° 5'48	11♒13	16°40	4°29	19°15	11°25	14°45	1°42	7°50	27°57	15°R45	14°30	2° 8	n.a.	S 18
S 19	13 3 46	17° 3'12	24°23	18°52	5°37	19°53	11°17	14°40	1°40	7°49	27°58	15°45	14°27	2°14	n.a.	S 19
M20	13 7 42	18° 0'36	7♓20	21° 3	6°45	20°31	11° 9	14°36	1°39	7°48	27°59	15°43	14°24	2°21	n.a.	M20
T 21	13 11 39	18°57'59	20° 4	23°14	7°53	21° 9	11° 2	14°31	1°37	7°47	28° 0	15°39	14°21	2°28	n.a.	T 21
W22	13 15 35	19°55'21	2♈38	25°24	9° 1	21°47	10°54	14°27	1°36	7°46	28° 1	15°31	14°17	2°34	n.a.	W22
T 23	13 19 32	20°52'42	15° 2	27°33	10°10	22°25	10°47	14°23	1°34	7°45	28° 2	15°22	14°14	2°41	n.a.	T 23
F 24	13 23 29	21°50'03	27°16	29°41	11°18	23° 3	10°40	14°18	1°33	7°44	28° 3	15°10	14°11	2°48	n.a.	F 24
S 25	13 27 25	22°47'22	9♉23	1♉48	12°27	23°40	10°32	14°14	1°32	7°43	28° 4	14°58	14° 8	2°55	n.a.	S 25
S 26	13 31 22	23°44'40	21°22	3°53	13°35	24°18	10°25	14°10	1°30	7°42	28° 5	14°46	14° 5	3° 1	n.a.	S 26
M27	13 35 18	24°41'57	3♊16	5°56	14°44	24°56	10°18	14° 5	1°29	7°41	28° 6	14°35	14° 2	3° 8	n.a.	M27
T 28	13 39 15	25°39'13	15° 6	7°57	15°52	25°34	10°11	14° 1	1°28	7°40	28° 7	14°27	13°58	3°15	n.a.	T 28
W29	13 43 11	26°36'29	26°57	9°56	17° 1	26°12	10° 3	13°57	1°27	7°39	28° 8	14°20	13°55	3°21	n.a.	W29
T 30	13 47 8	27♈33'43	8♋52	11♉53	18♓10	26♉50	9♎56	13♎53	1♍26	7♐38	28♒ 9	14♒17	13♒52	3♊28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 5	27n42	4n22	9s 7	2s12	16s56	0s32	15n18	0n47	4s 1	1n32	3s53	2n43	11n37	0n50	20s56	1n 5	28s 0	16s39	16s 9	16s29	25n23		n.a.
T 2	0n18	27 32	3 43	8 20	2 7	16 40	0 36	15 31	0 48	3 58	1 32	3 51	2 43	11 38	0 50	20 56	1 5	28 0	16 40	16 9	16 30	25 24		n.a.
F 3	0 41	26 5	2 52	7 32	2 2	16 24	0 40	15 44	0 48	3 55	1 32	3 49	2 43	11 39	0 49	20 56	1 5	27 59	16 40	16 9	16 31	25 26		n.a.
S 4	1 5	23 20	1 54	6 42	1 56	16 6	0 44	15 56	0 48	3 52	1 32	3 48	2 43	11 39	0 49	20 56	1 5	27 59	16 40	16 9	16 32	25 27		n.a.
S 5	1 28	19 26	0 48	5 51	1 49	15 49	0 47	16 9	0 49	3 49	1 32	3 46	2 43	11 40	0 49	20 56	1 5	27 59	16 40	16 8	16 33	25 28		n.a.
M 6	1 51	14 30	0s22	4 58	1 42	15 31	0 51	16 21	0 49	3 47	1 32	3 44	2 43	11 41	0 49	20 56	1 5	27 59	16 40	16 8	16 34	25 29		n.a.
T 7	2 14	8 44	1 33	4 4	1 34	15 13	0 55	16 33	0 50	3 44	1 32	3 43	2 44	11 42	0 49	20 56	1 5	27 58	16 41	16 9	16 35	25 31		n.a.
W 8	2 38	2 23	2 41	3 8	1 26	14 54	0 58	16 46	0 50	3 41	1 32	3 41	2 44	11 42	0 49	20 55	1 5	27 58	16 41	16 10	16 36	25 32		n.a.
T 9	3 1	4s14	3 40	2 12	1 18	14 34	1 2	16 58	0 50	3 38	1 32	3 39	2 44	11 43	0 49	20 55	1 5	27 58	16 41	16 11	16 36	25 33		n.a.
F 10	3 24	10 46	4 26	1 14	1 9	14 15	1 5	17 10	0 51	3 35	1 32	3 37	2 44	11 44	0 49	20 55	1 5	27 58	16 41	16 13	16 37	25 34		n.a.
S 11	3 47	16 48	4 56	0 15	0 59	13 55	1 8	17 21	0 51	3 32	1 32	3 36	2 44	11 44	0 49	20 55	1 5	27 58	16 42	16 16	16 38	25 35		n.a.
S 12	4 10	21 52	5 5	0n44	0 50	13 34	1 11	17 33	0 51	3 29	1 32	3 34	2 44	11 45	0 49	20 55	1 5	27 57	16 42	16 18	16 39	25 37		n.a.
M13	4 33	25 31	4 55	1 45	0 40	13 13	1 14	17 45	0 52	3 26	1 32	3 32	2 44	11 46	0 49	20 55	1 5	27 57	16 42	16 20	16 40	25 38		n.a.
T 14	4 55	27 27	4 25	2 45	0 30	12 52	1 17	17 56	0 52	3 23	1 32	3 31	2 44	11 46	0 49	20 55	1 5	27 57	16 42	16 22	16 41	25 39		n.a.
W15	5 18	27 29	3 39	3 47	0 19	12 30	1 20	18 8	0 52	3 20	1 32	3 29	2 44	11 47	0 49	20 55	1 5	27 57	16 43	16 23	16 42	25 40		n.a.
T 16	5 41	25 45	2 41	4 48	0 9	12 8	1 22	18 19	0 53	3 17	1 32	3 27	2 44	11 47	0 49	20 54	1 5	27 57	16 43	16 23	16 43	25 41		n.a.
F 17	6 3	22 29	1 35	5 50	0n 2	11 45	1 25	18 30	0 53	3 14	1 31	3 25	2 44	11 48	0 49	20 54	1 5	27 56	16 43	16 23	16 44	25 42		n.a.
S 18	6 26	18 5	0 24	6 51	0 12	11 23	1 28	18 41	0 53	3 11	1 31	3 24	2 43	11 48	0 49	20 54	1 5	27 56	16 43	16 22	16 45	25 44		n.a.
S 19	6 48	12 53	0n46	7 51	0 23	11 0	1 30	18 52	0 54	3 8	1 31	3 22	2 43	11 49	0 49	20 54	1 5	27 56	16 44	16 23	16 46	25 45		n.a.
M20	7 11	7 13	1 52	8 51	0 33	10 36	1 32	19 2	0 54	3 5	1 31	3 20	2 43	11 49	0 49	20 54	1 5	27 56	16 44	16 23	16 47	25 46		n.a.
T 21	7 33	1 22	2 52	9 50	0 43	10 12	1 34	19 13	0 54	3 3	1 31	3 19	2 43	11 50	0 49	20 54	1 5	27 56	16 44	16 25	16 48	25 47		n.a.
W22	7 55	4n27	3 42	10 48	0 53	9 48	1 37	19 23	0 55	3 0	1 31	3 17	2 43	11 50	0 49	20 53	1 5	27 56	16 44	16 27	16 49	25 48		n.a.
T 23	8 17	10 1	4 21	11 44	1 2	9 24	1 39	19 34	0 55	2 57	1 31	3 15	2 43	11 51	0 49	20 53	1 5	27 56	16 45	16 30	16 50	25 49		n.a.
F 24	8 39	15 7	4 47	12 39	1 11	8 59	1 40	19 44	0 55	2 54	1 31	3 14	2 43	11 51	0 49	20 53	1 5	27 56	16 45	16 33	16 51	25 50		n.a.
S 25	9 0	19 35	5 0	13 32	1 20	8 34	1 42	19 54	0 56	2 51	1 30	3 12	2 43	11 52	0 49	20 53	1 5	27 56	16 45	16 37	16 52	25 51		n.a.
S 26	9 22	23 12	5 0	14 24	1 28	8 9	1 44	20 4	0 56	2 49	1 30	3 10	2 43	11 52	0 49	20 53	1 5	27 56	16 46	16 40	16 52	25 53		n.a.
M27	9 43	25 50	4 46	15 13	1 35	7 44	1 46	20 13	0 56	2 46	1 30	3 9	2 43	11 53	0 49	20 53	1 5	27 55	16 46	16 43	16 53	25 54		n.a.
T 28	10 4	27 18	4 20	16 0	1 42	7 18	1 47	20 23	0 57	2 43	1 30	3 7	2 43	11 53	0 49	20 52	1 5	27 55	16 46	16 46	16 54	25 55		n.a.
W29	10 26	27 31	3 43	16 45	1 48	6 52	1 48	20 32	0 57	2 40	1 30	3 6	2 43	11 53	0 49	20 52	1 5	27 55	16 47	16 48	16 55	25 56		n.a.
T 30	10n47	26n27	2n56	17n27	1n54	6s26	1s50	20n42	0n57	2s38	1n30	3s 4	2n43	11n54	0n49	20s52	1n 5	27s55	16s47	16s49	16s56	25n57		n.a.

Julian Day Number = 1305858.5, Delta T = 07h46m06s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'50, Lahiri = -19°39'49 Julian Calendar 1 Apr. 1138 BCE == Greg. Calendar 21 March 1138 BCE

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

MAY 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 51 5	28♈30'56	20♋55	13♉47	19♓19	27♉28	9°R50	13°R48	1°R25	7°R37	28♒ 9	14°R15	13♒49	3♊35	n.a.	F 1
S 2	13 55 1	29°28'08	3♌11	15°40	20°28	28° 6	9♎43	13♎44	1♍24	7♐35	28°10	14°D15	13°46	3°42	n.a.	S 2
S 3	13 58 58	0♉25'19	15°47	17°29	21°37	28°44	9°36	13°40	1°23	7°34	28°11	14°R15	13°43	3°48	n.a.	S 3
M 4	14 2 54	1°22'29	28°45	19°17	22°47	29°22	9°29	13°36	1°22	7°33	28°12	14♒15	13°39	3°55	n.a.	M 4
T 5	14 6 51	2°19'38	12♍11	21° 1	23°56	29°59	9°23	13°32	1°21	7°32	28°13	14°12	13°36	4° 2	n.a.	T 5
W 6	14 10 47	3°16'46	26° 6	22°44	25° 5	0♊37	9°16	13°28	1°20	7°31	28°13	14° 7	13°33	4° 8	n.a.	W 6
T 7	14 14 44	4°13'54	10♎29	24°23	26°15	1°15	9°10	13°24	1°20	7°29	28°14	14° 0	13°30	4°15	n.a.	T 7
F 8	14 18 40	5°11'01	25°17	26° 1	27°24	1°53	9° 4	13°20	1°19	7°28	28°15	13°51	13°27	4°22	n.a.	F 8
S 9	14 22 37	6° 8'07	10♏21	27°35	28°34	2°31	8°58	13°16	1°18	7°27	28°15	13°40	13°23	4°29	n.a.	S 9
S 10	14 26 34	7° 5'13	25°32	29° 7	29°43	3° 9	8°52	13°12	1°18	7°25	28°16	13°29	13°20	4°35	n.a.	S 10
M11	14 30 30	8° 2'19	10♐39	0♊37	0♈53	3°47	8°46	13° 8	1°17	7°24	28°17	13°20	13°17	4°42	n.a.	M11
T 12	14 34 27	8°59'24	25°33	2° 4	2° 3	4°25	8°40	13° 5	1°17	7°23	28°17	13°13	13°14	4°49	n.a.	T 12
W13	14 38 23	9°56'29	10♑ 6	3°28	3°13	5° 3	8°34	13° 1	1°16	7°21	28°18	13° 9	13°11	4°55	n.a.	W13
T 14	14 42 20	10°53'35	24°16	4°49	4°23	5°40	8°29	12°57	1°16	7°20	28°19	13° 7	13° 8	5° 2	n.a.	T 14
F 15	14 46 16	11°50'40	8♒ 1	6° 8	5°33	6°18	8°24	12°54	1°16	7°18	28°19	13° 6	13° 4	5° 9	n.a.	F 15
S 16	14 50 13	12°47'45	21°23	7°24	6°43	6°56	8°18	12°50	1°15	7°17	28°20	13° 6	13° 1	5°16	n.a.	S 16
S 17	14 54 9	13°44'50	4♓25	8°37	7°53	7°34	8°13	12°47	1°15	7°16	28°20	13° 5	12°58	5°22	n.a.	S 17
M18	14 58 6	14°41'55	17°10	9°47	9° 3	8°12	8° 8	12°43	1°15	7°14	28°21	13° 3	12°55	5°29	n.a.	M18
T 19	15 2 3	15°39'00	29°41	10°55	10°13	8°50	8° 4	12°40	1°15	7°13	28°21	12°57	12°52	5°36	n.a.	T 19
W20	15 5 59	16°36'05	12♈ 0	11°59	11°24	9°28	7°59	12°37	1°15	7°11	28°22	12°49	12°49	5°42	n.a.	W20
T 21	15 9 56	17°33'11	24°11	13° 0	12°34	10° 6	7°55	12°33	1°D15	7°10	28°22	12°38	12°45	5°49	n.a.	T 21
F 22	15 13 52	18°30'16	6♉15	13°58	13°45	10°43	7°50	12°30	1°15	7° 8	28°22	12°26	12°42	5°56	n.a.	F 22
S 23	15 17 49	19°27'21	18°14	14°53	14°55	11°21	7°46	12°27	1°15	7° 7	28°23	12°12	12°39	6° 3	n.a.	S 23
S 24	15 21 45	20°24'27	0♊ 8	15°44	16° 6	11°59	7°42	12°24	1°15	7° 5	28°23	11°58	12°36	6° 9	n.a.	S 24
M25	15 25 42	21°21'32	11°59	16°32	17°16	12°37	7°38	12°21	1°15	7° 4	28°24	11°46	12°33	6°16	n.a.	M25
T 26	15 29 39	22°18'38	23°49	17°16	18°27	13°15	7°35	12°18	1°16	7° 2	28°24	11°36	12°29	6°23	n.a.	T 26
W27	15 33 35	23°15'43	5♋40	17°57	19°38	13°53	7°31	12°16	1°16	7° 1	28°24	11°29	12°26	6°29	n.a.	W27
T 28	15 37 32	24°12'49	17°36	18°33	20°49	14°31	7°28	12°13	1°16	6°59	28°24	11°24	12°23	6°36	n.a.	T 28
F 29	15 41 28	25° 9'54	29°39	19° 6	22° 0	15° 9	7°25	12°10	1°17	6°57	28°25	11°22	12°20	6°43	n.a.	F 29
S 30	15 45 25	26° 6'59	11♌55	19°34	23°11	15°47	7°22	12° 8	1°17	6°56	28°25	11°D22	12°17	6°50	n.a.	S 30
S 31	15 49 21	27♉ 4'04	24♌28	19♊58	24♈21	16♊25	7♎19	12♎ 5	1♍18	6♐54	28♒25	11°R22	12♒14	6♊56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 7	24n 9	2n 0	18n 7	1n59	5s59	1s51	20n51	0n57	2s35	1n29	3s 3	2n43	11n54	0n49	20s52	1n 5	27s55	16s47	16s49	16s57	25n58		n.a.
S 2	11 28	20 43	0 58	18 45	2 3	5 33	1 52	21 0	0 58	2 33	1 29	3 1	2 43	11 54	0 49	20 52	1 5	27 55	16 48	16 49	16 58	25 59		n.a.
S 3	11 48	16 14	0s 8	19 21	2 6	5 6	1 53	21 9	0 58	2 30	1 29	2 59	2 42	11 55	0 49	20 51	1 5	27 55	16 48	16 49	16 59	26 0		n.a.
M 4	12 9	10 55	1 16	19 54	2 9	4 39	1 54	21 18	0 58	2 28	1 29	2 58	2 42	11 55	0 48	20 51	1 5	27 55	16 48	16 50	17 0	26 1		n.a.
T 5	12 29	4 55	2 22	20 25	2 11	4 12	1 55	21 26	0 59	2 25	1 29	2 56	2 42	11 55	0 48	20 51	1 5	27 55	16 48	16 50	17 1	26 2		n.a.
W 6	12 49	1s30	3 22	20 53	2 12	3 45	1 56	21 34	0 59	2 23	1 28	2 55	2 42	11 56	0 48	20 51	1 5	27 55	16 49	16 52	17 2	26 3		n.a.
T 7	13 8	8 3	4 11	21 19	2 13	3 17	1 56	21 43	0 59	2 21	1 28	2 54	2 42	11 56	0 48	20 50	1 5	27 55	16 49	16 54	17 3	26 4		n.a.
F 8	13 28	14 20	4 45	21 43	2 13	2 50	1 57	21 51	0 59	2 18	1 28	2 52	2 42	11 56	0 48	20 50	1 5	27 55	16 49	16 57	17 4	26 5		n.a.
S 9	13 47	19 54	5 0	22 5	2 12	2 22	1 57	21 59	1 0	2 16	1 28	2 51	2 42	11 56	0 48	20 50	1 5	27 56	16 50	17 0	17 4	26 6		n.a.
S 10	14 6	24 12	4 54	22 25	2 10	1 54	1 58	22 7	1 0	2 14	1 28	2 49	2 42	11 56	0 48	20 50	1 5	27 56	16 50	17 3	17 5	26 7		n.a.
M11	14 25	26 49	4 27	22 42	2 8	1 26	1 58	22 14	1 0	2 12	1 27	2 48	2 41	11 56	0 48	20 50	1 6	27 56	16 51	17 5	17 6	26 8		n.a.
T 12	14 44	27 28	3 43	22 57	2 5	0 58	1 58	22 22	1 0	2 10	1 27	2 47	2 41	11 57	0 48	20 49	1 6	27 56	16 51	17 7	17 7	26 9		n.a.
W13	15 2	26 11	2 45	23 11	2 2	0 30	1 58	22 29	1 1	2 8	1 27	2 45	2 41	11 57	0 48	20 49	1 6	27 56	16 51	17 9	17 8	26 10		n.a.
T 14	15 20	23 13	1 38	23 22	1 57	0 2	1 58	22 36	1 1	2 6	1 27	2 44	2 41	11 57	0 48	20 49	1 6	27 56	16 52	17 9	17 9	26 11		n.a.
F 15	15 38	19 0	0 27	23 32	1 52	0n26	1 58	22 43	1 1	2 4	1 26	2 43	2 41	11 57	0 48	20 49	1 6	27 56	16 52	17 9	17 10	26 12		n.a.
S 16	15 56	13 55	0n44	23 39	1 47	0 54	1 58	22 50	1 1	2 2	1 26	2 42	2 41	11 57	0 48	20 48	1 6	27 56	16 52	17 9	17 11	26 13		n.a.
S 17	16 13	8 21	1 50	23 45	1 40	1 23	1 58	22 57	1 2	2 0	1 26	2 40	2 40	11 57	0 48	20 48	1 6	27 56	16 53	17 10	17 12	26 14		n.a.
M18	16 31	2 33	2 49	23 49	1 33	1 51	1 57	23 3	1 2	1 58	1 26	2 39	2 40	11 57	0 48	20 48	1 6	27 56	16 53	17 11	17 13	26 15		n.a.
T 19	16 48	3n13	3 39	23 52	1 26	2 20	1 57	23 9	1 2	1 57	1 25	2 38	2 40	11 57	0 48	20 48	1 6	27 57	16 53	17 12	17 14	26 15		n.a.
W20	17 4	8 46	4 18	23 53	1 18	2 48	1 56	23 15	1 2	1 55	1 25	2 37	2 40	11 57	0 48	20 47	1 6	27 57	16 54	17 14	17 15	26 16		n.a.
T 21	17 21	13 55	4 45	23 52	1 9	3 16	1 56	23 21	1 2	1 53	1 25	2 36	2 40	11 57	0 48	20 47	1 6	27 57	16 54	17 18	17 16	26 17		n.a.
F 22	17 37	18 30	4 58	23 50	0 59	3 45	1 55	23 27	1 3	1 52	1 25	2 35	2 39	11 57	0 48	20 47	1 6	27 57	16 54	17 21	17 16	26 18		n.a.
S 23	17 53	22 18	4 58	23 46	0 49	4 13	1 54	23 33	1 3	1 51	1 24	2 34	2 39	11 57	0 48	20 47	1 6	27 57	16 55	17 25	17 17	26 19		n.a.
S 24	18 8	25 9	4 45	23 42	0 39	4 41	1 54	23 38	1 3	1 49	1 24	2 33	2 39	11 57	0 48	20 46	1 6	27 58	16 55	17 29	17 18	26 20		n.a.
M25	18 24	26 53	4 20	23 36	0 27	5 10	1 53	23 44	1 3	1 48	1 24	2 32	2 39	11 57	0 48	20 46	1 6	27 58	16 56	17 32	17 19	26 21		n.a.
T 26	18 39	27 24	3 43	23 28	0 16	5 38	1 52	23 49	1 3	1 47	1 23	2 31	2 39	11 57	0 48	20 46	1 6	27 58	16 56	17 35	17 20	26 22		n.a.
W27	18 54	26 39	2 57	23 20	0 3	6 6	1 51	23 54	1 4	1 46	1 23	2 30	2 38	11 56	0 47	20 46	1 6	27 58	16 56	17 37	17 21	26 22		n.a.
T 28	19 8	24 40	2 2	23 10	0s 9	6 34	1 50	23 58	1 4	1 45	1 23	2 29	2 38	11 56	0 47	20 45	1 6	27 58	16 57	17 38	17 22	26 23		n.a.
F 29	19 22	21 34	1 2	23 0	0 23	7 2	1 48	24 3	1 4	1 44	1 23	2 28	2 38	11 56	0 47	20 45	1 6	27 59	16 57	17 39	17 23	26 24		n.a.
S 30	19 36	17 27	0s 3	22 49	0 36	7 30	1 47	24 7	1 4	1 43	1 22	2 27	2 38	11 56	0 47	20 45	1 6	27 59	16 57	17 39	17 24	26 25		n.a.
S 31	19n49	12n30	1s 9	22n37	0s50	7n57	1s46	24n12	1n 4	1s42	1n22	2s26	2n38	11n56	0n47	20s45	1n 6	27s59	16s58	17s39	17s25	26n26		n.a.

Julian Day Number = 1305888.5, Delta T = 07h46m04s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'46, Lahiri = -19°39'45 Julian Calendar 1 May 1138 BCE == Greg. Calendar 20 Apr. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

JUNE 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 53 18	28♉ 1'09	7♍23	20♊18	25♈32	17♊ 2	7°R16	12°R 3	1♍18	6°R53	28♒25	11°R22	12♒10	7♊ 3	n.a.	M 1
T 2	15 57 14	28°58'15	20°44	20°33	26°44	17°40	7♎14	12♎ 0	1°19	6♐51	28°26	11♒20	12° 7	7°10	n.a.	T 2
W 3	16 1 11	29°55'20	4♎34	20°44	27°55	18°18	7°12	11°58	1°20	6°49	28°26	11°16	12° 4	7°16	n.a.	W 3
T 4	16 5 8	0♊52'25	18°54	20°50	29° 6	18°56	7° 9	11°56	1°20	6°48	28°26	11°10	12° 1	7°23	n.a.	T 4
F 5	16 9 4	1°49'31	3♏40	20°R51	0♉17	19°34	7° 7	11°54	1°21	6°46	28°26	11° 1	11°58	7°30	n.a.	F 5
S 6	16 13 1	2°46'36	18°47	20°47	1°28	20°12	7° 6	11°52	1°22	6°45	28°26	10°52	11°54	7°37	n.a.	S 6
S 7	16 16 57	3°43'43	4♐ 5	20°39	2°40	20°50	7° 4	11°50	1°23	6°43	28°26	10°43	11°51	7°43	n.a.	S 7
M 8	16 20 54	4°40'50	19°23	20°26	3°51	21°28	7° 3	11°48	1°24	6°41	28°26	10°34	11°48	7°50	n.a.	M 8
T 9	16 24 50	5°37'57	4♑29	20° 8	5° 3	22° 6	7° 2	11°46	1°25	6°40	28°26	10°28	11°45	7°57	n.a.	T 9
W10	16 28 47	6°35'06	19°15	19°45	6°14	22°44	7° 1	11°45	1°26	6°38	28°R26	10°24	11°42	8° 3	n.a.	W10
T 11	16 32 44	7°32'15	3♒37	19°19	7°26	23°22	7° 0	11°43	1°27	6°37	28°26	10°22	11°39	8°10	n.a.	T 11
F 12	16 36 40	8°29'25	17°30	18°49	8°37	24° 0	6°59	11°42	1°28	6°35	28°26	10°D22	11°35	8°17	n.a.	F 12
S 13	16 40 37	9°26'35	0♓57	18°15	9°49	24°38	6°59	11°40	1°29	6°33	28°26	10°23	11°32	8°23	n.a.	S 13
S 14	16 44 33	10°23'47	13°59	17°38	11° 1	25°15	6°58	11°39	1°30	6°32	28°26	10°R23	11°29	8°30	n.a.	S 14
M15	16 48 30	11°21'00	26°41	16°59	12°13	25°53	6°D58	11°38	1°32	6°30	28°26	10°22	11°26	8°37	n.a.	M15
T 16	16 52 26	12°18'14	9♈ 6	16°18	13°25	26°31	6°58	11°37	1°33	6°28	28°26	10°19	11°23	8°44	n.a.	T 16
W17	16 56 23	13°15'29	21°18	15°36	14°36	27° 9	6°59	11°36	1°34	6°27	28°26	10°13	11°20	8°50	n.a.	W17
T 18	17 0 19	14°12'44	3♉22	14°53	15°48	27°47	6°59	11°35	1°36	6°25	28°25	10° 5	11°16	8°57	n.a.	T 18
F 19	17 4 16	15°10'01	15°19	14°10	17° 0	28°25	7° 0	11°34	1°37	6°24	28°25	9°56	11°13	9° 4	n.a.	F 19
S 20	17 8 13	16° 7'20	27°12	13°29	18°12	29° 3	7° 0	11°33	1°39	6°22	28°25	9°46	11°10	9°10	n.a.	S 20
S 21	17 12 9	17° 4'39	9♊ 3	12°50	19°25	29°41	7° 1	11°33	1°40	6°20	28°25	9°36	11° 7	9°17	n.a.	S 21
M22	17 16 6	18° 1'59	20°54	12°13	20°37	0♋20	7° 3	11°32	1°42	6°19	28°24	9°27	11° 4	9°24	n.a.	M22
T 23	17 20 2	18°59'20	2♋46	11°39	21°49	0°58	7° 4	11°32	1°44	6°17	28°24	9°19	11° 0	9°31	n.a.	T 23
W24	17 23 59	19°56'42	14°42	11° 9	23° 1	1°36	7° 6	11°31	1°46	6°16	28°24	9°14	10°57	9°37	n.a.	W24
T 25	17 27 55	20°54'05	26°43	10°44	24°14	2°14	7° 7	11°31	1°47	6°14	28°24	9°11	10°54	9°44	n.a.	T 25
F 26	17 31 52	21°51'29	8♌52	10°24	25°26	2°52	7° 9	11°31	1°49	6°13	28°23	9°D10	10°51	9°51	n.a.	F 26
S 27	17 35 49	22°48'54	21°13	10° 9	26°38	3°30	7°11	11°D31	1°51	6°11	28°23	9°11	10°48	9°57	n.a.	S 27
S 28	17 39 45	23°46'20	3♍49	10° 1	27°51	4° 8	7°14	11°31	1°53	6°10	28°22	9°12	10°45	10° 4	n.a.	S 28
M29	17 43 42	24°43'46	16°44	9°D58	29° 3	4°46	7°16	11°31	1°55	6° 8	28°22	9°13	10°41	10°11	n.a.	M29
T 30	17 47 38	25♊41'14	0♎ 2	10♊ 2	0♊16	5♋24	7♎19	11♎31	1♍57	6♐ 7	28♒22	9°R14	10♒38	10♊18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 3	6n53	2s13	22n24	1s 5	8n25	1s44	24n16	1n 5	1s41	1n22	2s26	2n37	11n55	0n47	20s44	1n 6	27s59	16s58	17s39	17s25	26n27		n.a.
T 2	20 15	0 47	3 13	22 10	1 20	8 52	1 43	24 19	1 5	1 40	1 21	2 25	2 37	11 55	0 47	20 44	1 6	28 0	16 58	17 40	17 26	26 27		n.a.
W 3	20 28	5s33	4 3	21 56	1 34	9 20	1 41	24 23	1 5	1 40	1 21	2 24	2 37	11 55	0 47	20 44	1 6	28 0	16 59	17 41	17 27	26 28		n.a.
T 4	20 40	11 49	4 40	21 41	1 50	9 47	1 40	24 27	1 5	1 39	1 21	2 24	2 37	11 54	0 47	20 43	1 6	28 0	16 59	17 43	17 28	26 29		n.a.
F 5	20 52	17 38	5 0	21 26	2 5	10 14	1 38	24 30	1 5	1 39	1 21	2 23	2 36	11 54	0 47	20 43	1 5	28 1	17 0	17 45	17 29	26 30		n.a.
S 6	21 3	22 29	5 0	21 11	2 20	10 40	1 37	24 33	1 5	1 38	1 20	2 23	2 36	11 54	0 47	20 43	1 5	28 1	17 0	17 48	17 30	26 31		n.a.
S 7	21 15	25 51	4 38	20 55	2 35	11 7	1 35	24 36	1 6	1 38	1 20	2 22	2 36	11 53	0 47	20 43	1 5	28 1	17 0	17 50	17 31	26 31		n.a.
M 8	21 25	27 20	3 56	20 40	2 49	11 33	1 33	24 39	1 6	1 38	1 20	2 22	2 36	11 53	0 47	20 42	1 5	28 2	17 1	17 52	17 32	26 32		n.a.
T 9	21 36	26 44	2 59	20 24	3 4	11 59	1 31	24 41	1 6	1 37	1 19	2 21	2 35	11 53	0 47	20 42	1 5	28 2	17 1	17 54	17 33	26 33		n.a.
W10	21 46	24 14	1 50	20 9	3 18	12 25	1 29	24 44	1 6	1 37	1 19	2 21	2 35	11 52	0 47	20 42	1 5	28 2	17 1	17 55	17 34	26 34		n.a.
T 11	21 55	20 15	0 36	19 54	3 31	12 51	1 27	24 46	1 6	1 37	1 19	2 20	2 35	11 52	0 47	20 42	1 5	28 3	17 2	17 56	17 34	26 34		n.a.
F 12	22 5	15 14	0n38	19 39	3 43	13 16	1 25	24 48	1 6	1 37	1 18	2 20	2 35	11 51	0 47	20 41	1 5	28 3	17 2	17 56	17 35	26 35		n.a.
S 13	22 14	9 39	1 48	19 25	3 54	13 41	1 23	24 50	1 7	1 37	1 18	2 20	2 34	11 51	0 47	20 41	1 5	28 3	17 3	17 56	17 36	26 36		n.a.
S 14	22 22	3 48	2 49	19 11	4 5	14 6	1 21	24 51	1 7	1 37	1 18	2 19	2 34	11 50	0 47	20 41	1 5	28 4	17 3	17 56	17 37	26 36		n.a.
M15	22 31	2n 2	3 41	18 59	4 14	14 30	1 19	24 53	1 7	1 38	1 17	2 19	2 34	11 50	0 47	20 41	1 5	28 4	17 3	17 56	17 38	26 37		n.a.
T 16	22 38	7 39	4 21	18 47	4 21	14 54	1 17	24 54	1 7	1 38	1 17	2 19	2 34	11 49	0 47	20 40	1 5	28 4	17 4	17 57	17 39	26 38		n.a.
W17	22 46	12 53	4 49	18 36	4 27	15 18	1 14	24 55	1 7	1 38	1 17	2 19	2 33	11 49	0 47	20 40	1 5	28 5	17 4	17 58	17 40	26 39		n.a.
T 18	22 53	17 34	5 3	18 27	4 32	15 41	1 12	24 56	1 7	1 39	1 17	2 19	2 33	11 48	0 47	20 40	1 5	28 5	17 4	18 0	17 41	26 39		n.a.
F 19	22 59	21 31	5 4	18 20	4 35	16 4	1 10	24 57	1 7	1 39	1 16	2 18	2 33	11 48	0 46	20 39	1 5	28 6	17 5	18 3	17 42	26 40		n.a.
S 20	23 6	24 34	4 51	18 14	4 36	16 27	1 7	24 57	1 8	1 40	1 16	2 18	2 33	11 47	0 46	20 39	1 5	28 6	17 5	18 6	17 42	26 41		n.a.
S 21	23 12	26 33	4 26	18 9	4 36	16 50	1 5	24 58	1 8	1 41	1 16	2 18	2 32	11 46	0 46	20 39	1 5	28 7	17 5	18 8	17 43	26 41		n.a.
M22	23 17	27 20	3 50	18 7	4 33	17 11	1 3	24 58	1 8	1 41	1 15	2 18	2 32	11 46	0 46	20 39	1 5	28 7	17 6	18 11	17 44	26 42		n.a.
T 23	23 22	26 51	3 3	18 6	4 29	17 33	1 0	24 58	1 8	1 42	1 15	2 19	2 32	11 45	0 46	20 38	1 5	28 7	17 6	18 13	17 45	26 43		n.a.
W24	23 27	25 8	2 8	18 7	4 24	17 54	0 58	24 57	1 8	1 43	1 15	2 19	2 32	11 44	0 46	20 38	1 5	28 8	17 7	18 14	17 46	26 43		n.a.
T 25	23 31	22 15	1 7	18 11	4 17	18 15	0 55	24 57	1 8	1 44	1 14	2 19	2 31	11 44	0 46	20 38	1 5	28 8	17 7	18 15	17 47	26 44		n.a.
F 26	23 35	18 22	0 2	18 16	4 9	18 35	0 53	24 56	1 8	1 45	1 14	2 19	2 31	11 43	0 46	20 38	1 5	28 9	17 7	18 15	17 48	26 44		n.a.
S 27	23 38	13 38	1s 5	18 24	3 59	18 55	0 50	24 55	1 8	1 46	1 14	2 19	2 31	11 42	0 46	20 37	1 5	28 9	17 8	18 15	17 49	26 45		n.a.
S 28	23 41	8 16	2 9	18 33	3 48	19 14	0 48	24 54	1 8	1 47	1 13	2 19	2 30	11 42	0 46	20 37	1 5	28 10	17 8	18 15	17 50	26 46		n.a.
M29	23 43	2 25	3 9	18 45	3 36	19 33	0 45	24 53	1 8	1 49	1 13	2 20	2 30	11 41	0 46	20 37	1 5	28 10	17 8	18 14	17 50	26 46		n.a.
T 30	23n46	3s41	4s 1	18n58	3s24	19n51	0s42	24n52	1n 9	1s50	1n13	2s20	2n30	11n40	0n46	20s37	1n 5	28s11	17s 9	18s14	17s51	26n47		n.a.

Julian Day Number = 1305919.5, Delta T = 07h46m03s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'41, Lahiri = -19°39'41 Julian Calendar 1 June 1138 BCE == Greg. Calendar 21 May 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

JULY 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 51 35	26♊38'42	13♎45	10♊13	1♊29	6♋ 2	7♎21	11♎32	1♍59	6°R 5	28°R21	9°R12	10♒35	10♊24	n.a.	W 1
T 2	17 55 31	27°36'11	27°54	10°30	2°41	6°40	7°24	11°32	2° 1	6♐ 4	28♒21	9♒ 9	10°32	10°31	n.a.	T 2
F 3	17 59 28	28°33'42	12♏28	10°54	3°54	7°19	7°27	11°32	2° 3	6° 2	28°20	9° 5	10°29	10°38	n.a.	F 3
S 4	18 3 24	29°31'13	27°23	11°25	5° 7	7°57	7°31	11°33	2° 5	6° 1	28°20	8°59	10°26	10°44	n.a.	S 4
S 5	18 7 21	0♋28'46	12♐32	12° 3	6°19	8°35	7°34	11°34	2° 8	5°59	28°19	8°54	10°22	10°51	n.a.	S 5
M 6	18 11 18	1°26'20	27°44	12°47	7°32	9°13	7°38	11°35	2°10	5°58	28°19	8°49	10°19	10°58	n.a.	M 6
T 7	18 15 14	2°23'56	12♑50	13°38	8°45	9°51	7°42	11°35	2°12	5°56	28°18	8°45	10°16	11° 4	n.a.	T 7
W 8	18 19 11	3°21'33	27°40	14°36	9°58	10°29	7°46	11°36	2°15	5°55	28°17	8°43	10°13	11°11	n.a.	W 8
T 9	18 23 7	4°19'12	12♒ 8	15°40	11°11	11° 8	7°50	11°37	2°17	5°54	28°17	8°D43	10°10	11°18	n.a.	T 9
F 10	18 27 4	5°16'52	26° 9	16°50	12°24	11°46	7°54	11°39	2°19	5°52	28°16	8°43	10° 6	11°25	n.a.	F 10
S 11	18 31 0	6°14'34	9♓43	18° 5	13°37	12°24	7°59	11°40	2°22	5°51	28°16	8°45	10° 3	11°31	n.a.	S 11
S 12	18 34 57	7°12'17	22°51	19°27	14°50	13° 2	8° 3	11°41	2°24	5°50	28°15	8°46	10° 0	11°38	n.a.	S 12
M13	18 38 53	8°10'03	5♈36	20°53	16° 4	13°41	8° 8	11°43	2°27	5°48	28°14	8°R47	9°57	11°45	n.a.	M13
T 14	18 42 50	9° 7'50	18° 2	22°25	17°17	14°19	8°13	11°44	2°30	5°47	28°14	8°47	9°54	11°51	n.a.	T 14
W15	18 46 47	10° 5'39	0♉13	24° 0	18°30	14°57	8°18	11°46	2°32	5°46	28°13	8°45	9°51	11°58	n.a.	W15
T 16	18 50 43	11° 3'30	12°14	25°40	19°44	15°36	8°23	11°48	2°35	5°44	28°12	8°42	9°47	12° 5	n.a.	T 16
F 17	18 54 40	12° 1'23	24° 8	27°24	20°57	16°14	8°29	11°49	2°38	5°43	28°11	8°39	9°44	12°12	n.a.	F 17
S 18	18 58 36	12°59'18	5♊59	29°11	22°11	16°52	8°34	11°51	2°40	5°42	28°11	8°34	9°41	12°18	n.a.	S 18
S 19	19 2 33	13°57'15	17°50	1♋ 0	23°24	17°31	8°40	11°53	2°43	5°41	28°10	8°30	9°38	12°25	n.a.	S 19
M20	19 6 29	14°55'14	29°43	2°52	24°38	18° 9	8°46	11°56	2°46	5°40	28° 9	8°26	9°35	12°32	n.a.	M20
T 21	19 10 26	15°53'14	11♋41	4°46	25°51	18°47	8°52	11°58	2°49	5°38	28° 8	8°23	9°32	12°38	n.a.	T 21
W22	19 14 22	16°51'16	23°46	6°41	27° 5	19°26	8°58	12° 0	2°52	5°37	28° 7	8°21	9°28	12°45	n.a.	W22
T 23	19 18 19	17°49'20	5♌58	8°38	28°19	20° 4	9° 5	12° 2	2°55	5°36	28° 7	8°D21	9°25	12°52	n.a.	T 23
F 24	19 22 16	18°47'26	18°20	10°35	29°32	20°43	9°11	12° 5	2°58	5°35	28° 6	8°21	9°22	12°58	n.a.	F 24
S 25	19 26 12	19°45'34	0♍54	12°33	0♋46	21°21	9°18	12° 7	3° 1	5°34	28° 5	8°22	9°19	13° 5	n.a.	S 25
S 26	19 30 9	20°43'42	13°42	14°30	2° 0	22° 0	9°25	12°10	3° 4	5°33	28° 4	8°23	9°16	13°12	n.a.	S 26
M27	19 34 5	21°41'53	26°45	16°28	3°14	22°38	9°31	12°13	3° 7	5°32	28° 3	8°24	9°12	13°19	n.a.	M27
T 28	19 38 2	22°40'05	10♎ 6	18°26	4°28	23°17	9°39	12°16	3°10	5°31	28° 2	8°25	9° 9	13°25	n.a.	T 28
W29	19 41 58	23°38'19	23°46	20°23	5°42	23°55	9°46	12°19	3°13	5°30	28° 1	8°R26	9° 6	13°32	n.a.	W29
T 30	19 45 55	24°36'35	7♏46	22°19	6°56	24°34	9°53	12°22	3°16	5°29	28° 0	8°25	9° 3	13°39	n.a.	T 30
F 31	19 49 51	25♋34'52	22♏ 5	24♋15	8♋10	25♋12	10♎ 1	12♎25	3♍19	5♐28	27♒59	8♒24	9♒ 0	13♊45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n47	9s48	4s40	19n13	3s10	20n 9	0s40	24n50	1n 9	1s51	1n13	2s20	2n30	11n39	0n46	20s37	1n 5	28s11	17s 9	18s15	17s52	26n47			n.a.
T 2	23 49	15 37	5 4	19 29	2 56	20 26	0 37	24 48	1 9	1 53	1 12	2 21	2 29	11 38	0 46	20 36	1 5	28 12	17 9	18 16	17 53	26 48			n.a.
F 3	23 49	20 44	5 9	19 47	2 41	20 43	0 35	24 46	1 9	1 54	1 12	2 21	2 29	11 38	0 46	20 36	1 5	28 12	17 10	18 17	17 54	26 49			n.a.
S 4	23 50	24 40	4 54	20 6	2 26	20 59	0 32	24 44	1 9	1 56	1 12	2 22	2 29	11 37	0 46	20 36	1 5	28 12	17 10	18 18	17 55	26 49			n.a.
S 5	23 50	26 56	4 18	20 27	2 11	21 14	0 29	24 42	1 9	1 58	1 11	2 22	2 29	11 36	0 46	20 36	1 5	28 13	17 10	18 20	17 56	26 50			n.a.
M 6	23 49	27 13	3 24	20 48	1 55	21 29	0 27	24 39	1 9	1 59	1 11	2 23	2 28	11 35	0 46	20 35	1 5	28 13	17 11	18 21	17 57	26 50			n.a.
T 7	23 49	25 28	2 16	21 10	1 40	21 44	0 24	24 37	1 9	2 1	1 11	2 23	2 28	11 34	0 46	20 35	1 5	28 14	17 11	18 22	17 57	26 51			n.a.
W 8	23 47	21 57	1 0	21 32	1 24	21 58	0 21	24 34	1 9	2 3	1 10	2 24	2 28	11 33	0 46	20 35	1 5	28 14	17 11	18 23	17 58	26 51			n.a.
T 9	23 46	17 8	0n19	21 54	1 9	22 11	0 18	24 30	1 9	2 5	1 10	2 25	2 28	11 32	0 46	20 35	1 5	28 15	17 12	18 23	17 59	26 52			n.a.
F 10	23 43	11 32	1 34	22 17	0 54	22 24	0 16	24 27	1 9	2 7	1 10	2 26	2 27	11 32	0 46	20 34	1 5	28 16	17 12	18 22	18 0	26 52			n.a.
S 11	23 41	5 34	2 41	22 39	0 39	22 36	0 13	24 24	1 9	2 9	1 10	2 26	2 27	11 31	0 46	20 34	1 5	28 16	17 12	18 22	18 1	26 53			n.a.
S 12	23 38	0n27	3 38	23 0	0 25	22 47	0 10	24 20	1 10	2 11	1 9	2 27	2 27	11 30	0 46	20 34	1 5	28 17	17 12	18 22	18 2	26 53			n.a.
M13	23 35	6 16	4 22	23 20	0 11	22 58	0 8	24 16	1 10	2 13	1 9	2 28	2 26	11 29	0 46	20 34	1 5	28 17	17 13	18 21	18 3	26 54			n.a.
T 14	23 31	11 41	4 53	23 39	0n 3	23 8	0 5	24 12	1 10	2 16	1 9	2 29	2 26	11 28	0 46	20 34	1 5	28 18	17 13	18 22	18 4	26 54			n.a.
W15	23 26	16 33	5 10	23 57	0 15	23 17	0 2	24 8	1 10	2 18	1 8	2 30	2 26	11 27	0 46	20 33	1 5	28 18	17 13	18 22	18 4	26 55			n.a.
T 16	23 22	20 42	5 12	24 13	0 27	23 26	0n 0	24 3	1 10	2 20	1 8	2 31	2 26	11 26	0 45	20 33	1 5	28 19	17 14	18 23	18 5	26 55			n.a.
F 17	23 17	23 59	5 2	24 27	0 38	23 34	0 3	23 59	1 10	2 23	1 8	2 32	2 25	11 25	0 45	20 33	1 5	28 19	17 14	18 24	18 6	26 56			n.a.
S 18	23 11	26 13	4 38	24 38	0 49	23 41	0 5	23 54	1 10	2 25	1 8	2 33	2 25	11 24	0 45	20 33	1 5	28 20	17 14	18 25	18 7	26 56			n.a.
S 19	23 5	27 18	4 3	24 48	0 58	23 48	0 8	23 49	1 10	2 28	1 7	2 34	2 25	11 23	0 45	20 33	1 5	28 20	17 14	18 26	18 8	26 57			n.a.
M20	22 59	27 6	3 17	24 55	1 7	23 54	0 11	23 44	1 10	2 30	1 7	2 35	2 25	11 21	0 45	20 33	1 4	28 21	17 15	18 27	18 9	26 57			n.a.
T 21	22 52	25 39	2 22	24 59	1 15	23 59	0 13	23 39	1 10	2 33	1 7	2 36	2 24	11 20	0 45	20 32	1 4	28 21	17 15	18 28	18 10	26 58			n.a.
W22	22 45	23 0	1 20	25 1	1 22	24 4	0 16	23 33	1 10	2 36	1 6	2 37	2 24	11 19	0 45	20 32	1 4	28 22	17 15	18 28	18 10	26 58			n.a.
T 23	22 37	19 18	0 13	25 0	1 28	24 7	0 18	23 27	1 10	2 39	1 6	2 38	2 24	11 18	0 45	20 32	1 4	28 22	17 16	18 29	18 11	26 58			n.a.
F 24	22 29	14 43	0s55	24 57	1 33	24 11	0 21	23 22	1 10	2 41	1 6	2 39	2 24	11 17	0 45	20 32	1 4	28 23	17 16	18 28	18 12	26 59			n.a.
S 25	22 21	9 27	2 1	24 51	1 37	24 13	0 23	23 16	1 10	2 44	1 6	2 41	2 23	11 16	0 45	20 32	1 4	28 24	17 16	18 28	18 13	26 59			n.a.
S 26	22 12	3 42	3 3	24 42	1 41	24 15	0 26	23 9	1 10	2 47	1 5	2 42	2 23	11 15	0 45	20 32	1 4	28 24	17 16	18 28	18 14	27 0			n.a.
M27	22 3	2s18	3 57	24 31	1 44	24 15	0 28	23 3	1 10	2 50	1 5	2 43	2 23	11 14	0 45	20 31	1 4	28 25	17 16	18 28	18 15	27 0			n.a.
T 28	21 53	8 19	4 39	24 17	1 46	24 16	0 30	22 56	1 10	2 53	1 5	2 44	2 22	11 13	0 45	20 31	1 4	28 25	17 17	18 27	18 16	27 0			n.a.
W29	21 43	14 6	5 6	24 1	1 47	24 15	0 33	22 50	1 10	2 56	1 5	2 46	2 22	11 11	0 45	20 31	1 4	28 26	17 17	18 27	18 16	27 1			n.a.
T 30	21 33	19 18	5 16	23 43	1 48	24 14	0 35	22 43	1 10	3 0	1 4	2 47	2 22	11 10	0 45	20 31	1 4	28 26	17 17	18 27	18 17	27 1			n.a.
F 31	21n22	23s31	5s 7	23n23	1n48	24n12	0n37	22n36	1n10	3s 3	1n 4	2s49	2n22	11n 9	0n45	20s31	1n 4	28s27	17s17	18s28	18s18	27n 1			n.a.

Julian Day Number = 1305949.5, Delta T = 07h46m01s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'37, Lahiri = -19°39'37 Julian Calendar 1 July 1138 BCE == Greg. Calendar 20 June 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

AUGUST 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 48	26♋33'11	6♐40	26♋10	9♋24	25♋51	10♎ 8	12♎28	3♍23	5°R27	27°R58	8°R23	8♒57	13♊52	n.a.	S 1
S 2	19 57 45	27°31'31	21°27	28° 4	10°38	26°29	10°16	12°31	3°26	5♐27	27♒57	8♒22	8°53	13°59	n.a.	S 2
M 3	20 1 41	28°29'54	6♉19	29°57	11°52	27° 8	10°24	12°34	3°29	5°26	27°56	8°21	8°50	14° 5	n.a.	M 3
T 4	20 5 38	29°28'18	21° 9	1♌49	13° 6	27°47	10°32	12°38	3°32	5°25	27°55	8°20	8°47	14°12	n.a.	T 4
W 5	20 9 34	0♌26'45	5♒49	3°40	14°20	28°25	10°40	12°41	3°36	5°24	27°54	8°D20	8°44	14°19	n.a.	W 5
T 6	20 13 31	1°25'13	20°12	5°29	15°35	29° 4	10°48	12°45	3°39	5°23	27°53	8°20	8°41	14°26	n.a.	T 6
F 7	20 17 27	2°23'43	4♓14	7°18	16°49	29°43	10°56	12°48	3°42	5°23	27°52	8°20	8°38	14°32	n.a.	F 7
S 8	20 21 24	3°22'16	17°52	9° 6	18° 3	0♌21	11° 5	12°52	3°46	5°22	27°51	8°21	8°34	14°39	n.a.	S 8
S 9	20 25 20	4°20'51	1♈ 4	10°53	19°18	1° 0	11°14	12°56	3°49	5°21	27°50	8°21	8°31	14°46	n.a.	S 9
M10	20 29 17	5°19'28	13°54	12°38	20°32	1°39	11°22	13° 0	3°53	5°21	27°49	8°22	8°28	14°52	n.a.	M10
T 11	20 33 14	6°18'07	26°23	14°23	21°47	2°18	11°31	13° 4	3°56	5°20	27°48	8°22	8°25	14°59	n.a.	T 11
W12	20 37 10	7°16'49	8♉36	16° 7	23° 1	2°57	11°40	13° 8	4° 0	5°20	27°47	8°R22	8°22	15° 6	n.a.	W12
T 13	20 41 7	8°15'33	20°37	17°49	24°16	3°35	11°49	13°12	4° 3	5°19	27°46	8°D22	8°18	15°12	n.a.	T 13
F 14	20 45 3	9°14'20	2♊31	19°31	25°30	4°14	11°58	13°16	4° 7	5°19	27°45	8°22	8°15	15°19	n.a.	F 14
S 15	20 49 0	10°13'09	14°22	21°11	26°45	4°53	12° 8	13°20	4°10	5°18	27°44	8°22	8°12	15°26	n.a.	S 15
S 16	20 52 56	11°12'01	26°14	22°51	27°59	5°32	12°17	13°25	4°14	5°18	27°42	8°22	8° 9	15°32	n.a.	S 16
M17	20 56 53	12°10'55	8♋11	24°29	29°14	6°11	12°27	13°29	4°17	5°17	27°41	8°23	8° 6	15°39	n.a.	M17
T 18	21 0 49	13° 9'51	20°16	26° 7	0♌29	6°50	12°36	13°34	4°21	5°17	27°40	8°23	8° 3	15°46	n.a.	T 18
W19	21 4 46	14° 8'49	2♌31	27°43	1°44	7°29	12°46	13°38	4°25	5°17	27°39	8°R23	7°59	15°53	n.a.	W19
T 20	21 8 42	15° 7'50	14°58	29°19	2°58	8° 8	12°56	13°43	4°28	5°16	27°38	8°23	7°56	15°59	n.a.	T 20
F 21	21 12 39	16° 6'53	27°39	0♍54	4°13	8°47	13° 6	13°48	4°32	5°16	27°37	8°23	7°53	16° 6	n.a.	F 21
S 22	21 16 36	17° 5'57	10♍33	2°28	5°28	9°26	13°16	13°52	4°35	5°16	27°36	8°22	7°50	16°13	n.a.	S 22
S 23	21 20 32	18° 5'04	23°42	4° 1	6°43	10° 5	13°26	13°57	4°39	5°16	27°34	8°21	7°47	16°19	n.a.	S 23
M24	21 24 29	19° 4'13	7♎ 4	5°33	7°58	10°44	13°36	14° 2	4°43	5°15	27°33	8°19	7°44	16°26	n.a.	M24
T 25	21 28 25	20° 3'24	20°39	7° 4	9°13	11°23	13°47	14° 7	4°47	5°15	27°32	8°18	7°40	16°33	n.a.	T 25
W26	21 32 22	21° 2'37	4♏26	8°35	10°28	12° 2	13°57	14°12	4°50	5°15	27°31	8°17	7°37	16°39	n.a.	W26
T 27	21 36 18	22° 1'51	18°25	10° 4	11°43	12°41	14° 8	14°17	4°54	5°15	27°30	8°D17	7°34	16°46	n.a.	T 27
F 28	21 40 15	23° 1'08	2♐34	11°33	12°58	13°20	14°18	14°22	4°58	5°15	27°29	8°17	7°31	16°53	n.a.	F 28
S 29	21 44 11	24° 0'27	16°51	13° 0	14°13	14° 0	14°29	14°28	5° 1	5°D15	27°27	8°18	7°28	17° 0	n.a.	S 29
S 30	21 48 8	24°59'47	1♑13	14°27	15°28	14°39	14°40	14°33	5° 5	5°15	27°26	8°19	7°24	17° 6	n.a.	S 30
M31	21 52 5	25♌59'10	15♑39	15♍53	16♌43	15♌18	14♎51	14♎38	5♍ 9	5♐15	27♒25	8♒20	7♒21	17♊13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n11	26s21	4s39	23n 1	1n48	24n 9	0n39	22n28	1n10	3s 6	1n 4	2s50	2n21	11n 8	0n45	20s31	1n 4	28s27	17s18	18s28	18s19	27n 2		n.a.
S 2	21 0	27 24	3 51	22 38	1 46	24 5	0 42	22 21	1 10	3 9	1 4	2 52	2 21	11 7	0 45	20 31	1 4	28 28	17 18	18 28	18 20	27 2		n.a.
M 3	20 48	26 29	2 48	22 12	1 45	24 1	0 44	22 13	1 10	3 13	1 3	2 53	2 21	11 5	0 45	20 31	1 4	28 29	17 18	18 29	18 21	27 2		n.a.
T 4	20 36	23 41	1 34	21 45	1 43	23 56	0 46	22 5	1 10	3 16	1 3	2 55	2 21	11 4	0 45	20 31	1 4	28 29	17 18	18 29	18 22	27 3		n.a.
W 5	20 23	19 21	0 14	21 16	1 40	23 50	0 48	21 58	1 10	3 20	1 3	2 56	2 21	11 3	0 45	20 30	1 4	28 30	17 18	18 29	18 22	27 3		n.a.
T 6	20 10	13 57	1n 5	20 46	1 37	23 44	0 50	21 49	1 10	3 23	1 3	2 58	2 20	11 2	0 45	20 30	1 4	28 30	17 19	18 29	18 23	27 3		n.a.
F 7	19 57	7 58	2 19	20 15	1 34	23 37	0 52	21 41	1 10	3 27	1 2	3 0	2 20	11 0	0 45	20 30	1 4	28 31	17 19	18 29	18 24	27 4		n.a.
S 8	19 43	1 47	3 22	19 43	1 30	23 29	0 54	21 33	1 10	3 30	1 2	3 1	2 20	10 59	0 45	20 30	1 4	28 31	17 19	18 29	18 25	27 4		n.a.
S 9	19 29	4n17	4 13	19 9	1 26	23 20	0 56	21 24	1 10	3 34	1 2	3 3	2 20	10 58	0 45	20 30	1 4	28 32	17 19	18 28	18 26	27 4		n.a.
M10	19 15	10 0	4 49	18 35	1 21	23 11	0 58	21 15	1 10	3 38	1 2	3 5	2 19	10 57	0 45	20 30	1 4	28 32	17 19	18 28	18 27	27 4		n.a.
T 11	19 0	15 9	5 10	18 0	1 16	23 1	0 59	21 6	1 10	3 41	1 1	3 7	2 19	10 55	0 45	20 30	1 4	28 33	17 19	18 28	18 27	27 5		n.a.
W12	18 45	19 36	5 17	17 24	1 11	22 50	1 1	20 57	1 10	3 45	1 1	3 8	2 19	10 54	0 45	20 30	1 4	28 33	17 19	18 28	18 28	27 5		n.a.
T 13	18 30	23 10	5 10	16 47	1 6	22 39	1 3	20 48	1 10	3 49	1 1	3 10	2 19	10 53	0 45	20 30	1 4	28 34	17 20	18 28	18 29	27 5		n.a.
F 14	18 14	25 44	4 50	16 10	1 0	22 27	1 4	20 39	1 10	3 53	1 1	3 12	2 18	10 51	0 45	20 30	1 3	28 34	17 20	18 28	18 30	27 5		n.a.
S 15	17 58	27 9	4 17	15 32	0 54	22 14	1 6	20 29	1 10	3 57	1 1	3 14	2 18	10 50	0 45	20 30	1 3	28 35	17 20	18 28	18 31	27 6		n.a.
S 16	17 42	27 20	3 33	14 53	0 48	22 0	1 8	20 19	1 10	4 1	1 0	3 16	2 18	10 49	0 45	20 30	1 3	28 36	17 20	18 28	18 32	27 6		n.a.
M17	17 25	26 14	2 40	14 14	0 42	21 46	1 9	20 10	1 10	4 5	1 0	3 18	2 18	10 47	0 45	20 30	1 3	28 36	17 20	18 28	18 32	27 6		n.a.
T 18	17 8	23 54	1 39	13 35	0 36	21 31	1 10	20 0	1 10	4 9	1 0	3 20	2 18	10 46	0 45	20 30	1 3	28 37	17 20	18 28	18 33	27 6		n.a.
W19	16 51	20 27	0 33	12 55	0 29	21 16	1 12	19 49	1 10	4 13	1 0	3 22	2 17	10 45	0 45	20 30	1 3	28 37	17 20	18 28	18 34	27 7		n.a.
T 20	16 34	16 2	0s36	12 15	0 22	21 0	1 13	19 39	1 10	4 17	0 59	3 24	2 17	10 43	0 45	20 30	1 3	28 38	17 20	18 28	18 35	27 7		n.a.
F 21	16 16	10 51	1 45	11 35	0 16	20 43	1 14	19 29	1 10	4 21	0 59	3 26	2 17	10 42	0 45	20 30	1 3	28 38	17 20	18 28	18 36	27 7		n.a.
S 22	15 58	5 8	2 49	10 54	0 9	20 26	1 15	19 18	1 10	4 25	0 59	3 28	2 17	10 40	0 45	20 30	1 3	28 39	17 21	18 28	18 37	27 7		n.a.
S 23	15 40	0s54	3 45	10 13	0 2	20 8	1 16	19 7	1 10	4 29	0 59	3 30	2 16	10 39	0 45	20 30	1 3	28 39	17 21	18 28	18 37	27 7		n.a.
M24	15 21	6 58	4 31	9 33	0s 5	19 49	1 18	18 56	1 9	4 33	0 59	3 32	2 16	10 38	0 45	20 30	1 3	28 40	17 21	18 29	18 38	27 7		n.a.
T 25	15 2	12 50	5 1	8 52	0 13	19 30	1 19	18 45	1 9	4 38	0 58	3 34	2 16	10 36	0 45	20 30	1 3	28 40	17 21	18 29	18 39	27 8		n.a.
W26	14 43	18 8	5 16	8 11	0 20	19 11	1 19	18 34	1 9	4 42	0 58	3 36	2 16	10 35	0 45	20 30	1 3	28 41	17 21	18 29	18 40	27 8		n.a.
T 27	14 24	22 34	5 11	7 30	0 27	18 50	1 20	18 23	1 9	4 46	0 58	3 39	2 16	10 34	0 45	20 30	1 3	28 41	17 21	18 30	18 41	27 8		n.a.
F 28	14 4	25 43	4 48	6 49	0 34	18 30	1 21	18 12	1 9	4 51	0 58	3 41	2 16	10 32	0 45	20 30	1 3	28 42	17 21	18 30	18 42	27 8		n.a.
S 29	13 44	27 16	4 8	6 8	0 42	18 8	1 22	18 0	1 9	4 55	0 58	3 43	2 15	10 31	0 45	20 30	1 3	28 42	17 21	18 29	18 42	27 8		n.a.
S 30	13 24	27 0	3 11	5 28	0 49	17 46	1 22	17 48	1 9	5 0	0 57	3 45	2 15	10 29	0 45	20 30	1 3	28 42	17 21	18 29	18 43	27 8		n.a.
M31	13n 4	24s55	2s 2	4n47	0s56	17n24	1n23	17n36	1n 9	5s 4	0n57	3s47	2n15	10n28	0n45	20s30	1n 3	28s43	17s21	18s29	18s44	27n 8		n.a.

Julian Day Number = 1305980.5, Delta T = 07h45m59s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'33, Lahiri = -19°39'33 Julian Calendar 1 Aug. 1138 BCE == Greg. Calendar 21 July 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

SEPTEMBER 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 1	26♌58'34	0♒ 2	17♍18	17♌58	15♌57	15♎ 2	14♎44	5♍13	5♐15	27°R24	8♒21	7♒18	17♊20	n.a.	T 1
W 2	21 59 58	27°58'00	14°19	18°42	19°13	16°37	15°13	14°49	5°17	5°15	27♒23	8°R21	7°15	17°26	n.a.	W 2
T 3	22 3 54	28°57'29	28°24	20° 5	20°28	17°16	15°24	14°55	5°20	5°15	27°21	8°20	7°12	17°33	n.a.	T 3
F 4	22 7 51	29°56'59	12♓15	21°27	21°44	17°55	15°35	15° 0	5°24	5°16	27°20	8°18	7° 9	17°40	n.a.	F 4
S 5	22 11 47	0♍56'32	25°46	22°48	22°59	18°35	15°47	15° 6	5°28	5°16	27°19	8°15	7° 5	17°46	n.a.	S 5
S 6	22 15 44	1°56'07	8♈57	24° 7	24°14	19°14	15°58	15°11	5°32	5°16	27°18	8°11	7° 2	17°53	n.a.	S 6
M 7	22 19 40	2°55'45	21°48	25°26	25°29	19°53	16°10	15°17	5°36	5°16	27°17	8° 7	6°59	18° 0	n.a.	M 7
T 8	22 23 37	3°55'24	4♉19	26°43	26°45	20°33	16°21	15°23	5°39	5°17	27°16	8° 4	6°56	18° 6	n.a.	T 8
W 9	22 27 33	4°55'07	16°34	27°59	28° 0	21°12	16°33	15°29	5°43	5°17	27°14	8° 1	6°53	18°13	n.a.	W 9
T 10	22 31 30	5°54'51	28°36	29°14	29°15	21°52	16°45	15°35	5°47	5°18	27°13	8° 0	6°50	18°20	n.a.	T 10
F 11	22 35 27	6°54'38	10♊30	0♎27	0♍31	22°31	16°56	15°41	5°51	5°18	27°12	8°D 0	6°46	18°27	n.a.	F 11
S 12	22 39 23	7°54'28	22°20	1°38	1°46	23°11	17° 8	15°47	5°55	5°18	27°11	8° 0	6°43	18°33	n.a.	S 12
S 13	22 43 20	8°54'20	4♋13	2°48	3° 1	23°50	17°20	15°53	5°58	5°19	27°10	8° 2	6°40	18°40	n.a.	S 13
M14	22 47 16	9°54'14	16°11	3°55	4°17	24°30	17°32	15°59	6° 2	5°19	27° 9	8° 4	6°37	18°47	n.a.	M14
T 15	22 51 13	10°54'10	28°21	5° 0	5°32	25° 9	17°44	16° 5	6° 6	5°20	27° 7	8° 5	6°34	18°53	n.a.	T 15
W16	22 55 9	11°54'09	10♌45	6° 3	6°47	25°49	17°56	16°11	6°10	5°21	27° 6	8°R 6	6°30	19° 0	n.a.	W16
T 17	22 59 6	12°54'10	23°26	7° 3	8° 3	26°29	18° 8	16°17	6°14	5°21	27° 5	8° 5	6°27	19° 7	n.a.	T 17
F 18	23 3 2	13°54'13	6♍26	8° 1	9°18	27° 8	18°21	16°23	6°17	5°22	27° 4	8° 2	6°24	19°13	n.a.	F 18
S 19	23 6 59	14°54'18	19°44	8°55	10°34	27°48	18°33	16°30	6°21	5°23	27° 3	7°57	6°21	19°20	n.a.	S 19
S 20	23 10 55	15°54'25	3♎18	9°45	11°49	28°28	18°45	16°36	6°25	5°23	27° 2	7°51	6°18	19°27	n.a.	S 20
M21	23 14 52	16°54'34	17° 7	10°32	13° 5	29° 8	18°58	16°42	6°29	5°24	27° 1	7°45	6°15	19°33	n.a.	M21
T 22	23 18 49	17°54'45	1♏ 7	11°14	14°20	29°48	19°10	16°49	6°32	5°25	27° 0	7°38	6°11	19°40	n.a.	T 22
W23	23 22 45	18°54'58	15°14	11°51	15°36	0♍27	19°23	16°55	6°36	5°26	26°59	7°33	6° 8	19°47	n.a.	W23
T 24	23 26 42	19°55'12	29°23	12°22	16°51	1° 7	19°35	17° 2	6°40	5°26	26°57	7°29	6° 5	19°53	n.a.	T 24
F 25	23 30 38	20°55'28	13♐34	12°48	18° 7	1°47	19°48	17° 8	6°44	5°27	26°56	7°27	6° 2	20° 0	n.a.	F 25
S 26	23 34 35	21°55'46	27°43	13° 7	19°22	2°27	20° 1	17°15	6°47	5°28	26°55	7°D27	5°59	20° 7	n.a.	S 26
S 27	23 38 31	22°56'05	11♑48	13°18	20°38	3° 7	20°14	17°21	6°51	5°29	26°54	7°28	5°55	20°14	n.a.	S 27
M28	23 42 28	23°56'26	25°50	13°R22	21°53	3°47	20°26	17°28	6°55	5°30	26°53	7°29	5°52	20°20	n.a.	M28
T 29	23 46 24	24°56'48	9♒46	13°16	23° 9	4°27	20°39	17°34	6°58	5°31	26°52	7°R30	5°49	20°27	n.a.	T 29
W30	23 50 21	25♍57'12	23♒34	13♎ 2	24♍24	5♍ 7	20♎52	17♎41	7♍ 2	5♐32	26♒51	7♒29	5♒46	20♊34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n43	21s13	0s46	4n 7	1s 4	17n 1	1n24	17n24	1n 9	5s 8	0n57	3s50	2n15	10n26	0n45	20s30	1n 3	28s43	17s21	18s29	18s45	27n 9		n.a.
W 2	12 23	16 17	0n33	3 27	1 11	16 38	1 24	17 12	1 9	5 13	0 57	3 52	2 15	10 25	0 45	20 30	1 3	28 44	17 21	18 28	18 46	27 9		n.a.
T 3	12 2	10 32	1 48	2 48	1 18	16 14	1 24	17 0	1 9	5 18	0 57	3 54	2 14	10 24	0 45	20 30	1 3	28 44	17 21	18 29	18 47	27 9		n.a.
F 4	11 40	4 22	2 56	2 8	1 26	15 50	1 25	16 48	1 9	5 22	0 56	3 57	2 14	10 22	0 45	20 30	1 3	28 45	17 21	18 29	18 47	27 9		n.a.
S 5	11 19	1n50	3 52	1 29	1 33	15 25	1 25	16 35	1 8	5 27	0 56	3 59	2 14	10 21	0 45	20 30	1 2	28 45	17 21	18 30	18 48	27 9		n.a.
S 6	10 57	7 47	4 34	0 51	1 40	15 0	1 25	16 23	1 8	5 31	0 56	4 1	2 14	10 19	0 45	20 30	1 2	28 45	17 21	18 31	18 49	27 9		n.a.
M 7	10 36	13 16	5 1	0 13	1 47	14 34	1 25	16 10	1 8	5 36	0 56	4 4	2 14	10 18	0 45	20 31	1 2	28 46	17 21	18 32	18 50	27 9		n.a.
T 8	10 14	18 4	5 13	0s24	1 53	14 8	1 26	15 57	1 8	5 41	0 56	4 6	2 14	10 17	0 45	20 31	1 2	28 46	17 21	18 33	18 51	27 9		n.a.
W 9	9 52	22 0	5 10	1 1	2 0	13 42	1 26	15 44	1 8	5 45	0 56	4 9	2 13	10 15	0 45	20 31	1 2	28 47	17 21	18 34	18 51	27 9		n.a.
T 10	9 29	24 56	4 54	1 37	2 7	13 15	1 25	15 31	1 8	5 50	0 55	4 11	2 13	10 14	0 45	20 31	1 2	28 47	17 21	18 34	18 52	27 9		n.a.
F 11	9 7	26 45	4 25	2 12	2 13	12 48	1 25	15 18	1 8	5 55	0 55	4 14	2 13	10 12	0 44	20 31	1 2	28 47	17 21	18 34	18 53	27 9		n.a.
S 12	8 44	27 21	3 45	2 47	2 19	12 21	1 25	15 5	1 8	5 59	0 55	4 16	2 13	10 11	0 44	20 31	1 2	28 48	17 21	18 34	18 54	27 9		n.a.
S 13	8 22	26 41	2 55	3 20	2 25	11 53	1 25	14 51	1 8	6 4	0 55	4 19	2 13	10 9	0 44	20 31	1 2	28 48	17 21	18 33	18 55	27 9		n.a.
M14	7 59	24 46	1 57	3 53	2 30	11 25	1 25	14 38	1 7	6 9	0 55	4 21	2 13	10 8	0 44	20 31	1 2	28 49	17 20	18 33	18 55	27 9		n.a.
T 15	7 36	21 42	0 53	4 24	2 36	10 56	1 24	14 24	1 7	6 14	0 55	4 24	2 12	10 7	0 45	20 32	1 2	28 49	17 20	18 33	18 56	27 9		n.a.
W16	7 13	17 36	0s15	4 54	2 41	10 27	1 24	14 10	1 7	6 19	0 54	4 26	2 12	10 5	0 45	20 32	1 2	28 49	17 20	18 32	18 57	27 9		n.a.
T 17	6 49	12 38	1 23	5 22	2 45	9 58	1 23	13 56	1 7	6 24	0 54	4 29	2 12	10 4	0 45	20 32	1 2	28 50	17 20	18 33	18 58	27 9		n.a.
F 18	6 26	7 1	2 28	5 49	2 49	9 29	1 23	13 42	1 7	6 28	0 54	4 31	2 12	10 2	0 45	20 32	1 2	28 50	17 20	18 34	18 59	27 9		n.a.
S 19	6 2	0 58	3 27	6 14	2 53	8 59	1 22	13 28	1 7	6 33	0 54	4 34	2 12	10 1	0 45	20 32	1 2	28 50	17 20	18 35	19 0	27 9		n.a.
S 20	5 39	5s14	4 15	6 37	2 56	8 30	1 21	13 14	1 7	6 38	0 54	4 36	2 12	9 59	0 45	20 32	1 2	28 50	17 20	18 36	19 0	27 9		n.a.
M21	5 15	11 17	4 50	6 58	2 58	7 59	1 21	13 0	1 6	6 43	0 54	4 39	2 12	9 58	0 45	20 33	1 2	28 51	17 20	18 38	19 1	27 9		n.a.
T 22	4 51	16 50	5 7	7 16	3 0	7 29	1 20	12 46	1 6	6 48	0 53	4 41	2 12	9 57	0 45	20 33	1 2	28 51	17 20	18 40	19 2	27 9		n.a.
W23	4 27	21 33	5 7	7 32	3 1	6 59	1 19	12 31	1 6	6 53	0 53	4 44	2 11	9 55	0 45	20 33	1 2	28 51	17 19	18 41	19 3	27 9		n.a.
T 24	4 3	25 1	4 47	7 44	3 1	6 28	1 18	12 17	1 6	6 58	0 53	4 47	2 11	9 54	0 45	20 33	1 2	28 52	17 19	18 42	19 4	27 9		n.a.
F 25	3 39	26 56	4 10	7 54	3 0	5 57	1 17	12 2	1 6	7 3	0 53	4 49	2 11	9 52	0 45	20 33	1 2	28 52	17 19	18 42	19 4	27 9		n.a.
S 26	3 15	27 7	3 18	7 59	2 58	5 26	1 16	11 47	1 6	7 8	0 53	4 52	2 11	9 51	0 45	20 33	1 2	28 52	17 19	18 43	19 5	27 9		n.a.
S 27	2 51	25 32	2 14	8 1	2 55	4 55	1 15	11 32	1 5	7 13	0 53	4 55	2 11	9 50	0 45	20 34	1 1	28 52	17 19	18 42	19 6	27 8		n.a.
M28	2 27	22 21	1 3	7 58	2 51	4 24	1 14	11 18	1 5	7 18	0 53	4 57	2 11	9 48	0 45	20 34	1 1	28 53	17 19	18 42	19 7	27 8		n.a.
T 29	2 2	17 54	0n12	7 51	2 45	3 52	1 12	11 3	1 5	7 23	0 53	5 0	2 11	9 47	0 45	20 34	1 1	28 53	17 18	18 42	19 8	27 8		n.a.
W30	1n38	12s32	1n26	7s38	2s38	3n21	1n11	10n48	1n 5	7s28	0n52	5s 3	2n11	9n46	0n45	20s34	1n 1	28s53	17s18	18s42	19s 8	27n 8		n.a.

Julian Day Number = 1306011.5, Delta T = 07h45m58s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'29, Lahiri = -19°39'28 Julian Calendar 1 Sept. 1138 BCE == Greg. Calendar 21 Aug. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

OCTOBER 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 18	26♍57'38	7♓14	12°R38	25♍40	5♍47	21♎ 5	17♎48	7♍ 6	5♐33	26°R50	7°R25	5♒43	20♊40	n.a.	T 1
F 2	23 58 14	27°58'05	20°43	12♎ 4	26°55	6°27	21°18	17°54	7° 9	5°34	26♒49	7♒19	5°40	20°47	n.a.	F 2
S 3	0 2 11	28°58'34	3♈58	11°21	28°11	7° 7	21°31	18° 1	7°13	5°36	26°48	7°11	5°36	20°54	n.a.	S 3
S 4	0 6 7	29°59'05	16°59	10°27	29°26	7°47	21°44	18° 8	7°17	5°37	26°47	7° 2	5°33	21° 0	n.a.	S 4
M 5	0 10 4	0♎59'37	29°43	9°25	0♎42	8°27	21°57	18°15	7°20	5°38	26°46	6°51	5°30	21° 7	n.a.	M 5
T 6	0 14 0	2° 0'12	12♉10	8°16	1°58	9° 7	22°10	18°22	7°24	5°39	26°45	6°42	5°27	21°14	n.a.	T 6
W 7	0 17 57	3° 0'48	24°24	7° 0	3°13	9°48	22°24	18°28	7°27	5°40	26°44	6°33	5°24	21°20	n.a.	W 7
T 8	0 21 53	4° 1'26	6♊25	5°40	4°29	10°28	22°37	18°35	7°31	5°42	26°44	6°27	5°21	21°27	n.a.	T 8
F 9	0 25 50	5° 2'06	18°18	4°20	5°44	11° 8	22°50	18°42	7°34	5°43	26°43	6°23	5°17	21°34	n.a.	F 9
S 10	0 29 47	6° 2'48	0♋ 8	3° 0	7° 0	11°48	23° 3	18°49	7°38	5°44	26°42	6°21	5°14	21°40	n.a.	S 10
S 11	0 33 43	7° 3'32	11°58	1°45	8°15	12°29	23°17	18°56	7°41	5°46	26°41	6°D21	5°11	21°47	n.a.	S 11
M12	0 37 40	8° 4'18	23°56	0°36	9°31	13° 9	23°30	19° 3	7°45	5°47	26°40	6°22	5° 8	21°54	n.a.	M12
T 13	0 41 36	9° 5'05	6♌ 6	29♍35	10°47	13°49	23°43	19°10	7°48	5°49	26°39	6°R22	5° 5	22° 0	n.a.	T 13
W14	0 45 33	10° 5'54	18°32	28°44	12° 2	14°30	23°57	19°17	7°51	5°50	26°38	6°22	5° 1	22° 7	n.a.	W14
T 15	0 49 29	11° 6'45	1♍20	28° 5	13°18	15°10	24°10	19°24	7°55	5°51	26°38	6°19	4°58	22°14	n.a.	T 15
F 16	0 53 26	12° 7'37	14°32	27°37	14°33	15°51	24°23	19°31	7°58	5°53	26°37	6°13	4°55	22°20	n.a.	F 16
S 17	0 57 22	13° 8'31	28° 8	27°20	15°49	16°31	24°37	19°38	8° 1	5°54	26°36	6° 5	4°52	22°27	n.a.	S 17
S 18	1 1 19	14° 9'26	12♎ 6	27°D15	17° 4	17°12	24°50	19°44	8° 5	5°56	26°35	5°55	4°49	22°34	n.a.	S 18
M19	1 5 15	15°10'22	26°23	27°21	18°20	17°52	25° 4	19°51	8° 8	5°58	26°35	5°43	4°46	22°41	n.a.	M19
T 20	1 9 12	16°11'20	10♏52	27°38	19°36	18°33	25°17	19°58	8°11	5°59	26°34	5°32	4°42	22°47	n.a.	T 20
W21	1 13 9	17°12'19	25°27	28° 3	20°51	19°14	25°31	20° 5	8°14	6° 1	26°33	5°22	4°39	22°54	n.a.	W21
T 22	1 17 5	18°13'19	9♐59	28°37	22° 7	19°54	25°45	20°12	8°17	6° 2	26°32	5°15	4°36	23° 1	n.a.	T 22
F 23	1 21 2	19°14'20	24°25	29°18	23°22	20°35	25°58	20°19	8°21	6° 4	26°32	5°10	4°33	23° 7	n.a.	F 23
S 24	1 24 58	20°15'22	8♑39	0♎ 6	24°38	21°16	26°12	20°26	8°24	6° 6	26°31	5° 8	4°30	23°14	n.a.	S 24
S 25	1 28 55	21°16'25	22°42	1° 0	25°53	21°56	26°25	20°34	8°27	6° 8	26°31	5°D 7	4°27	23°21	n.a.	S 25
M26	1 32 51	22°17'28	6♒31	1°59	27° 9	22°37	26°39	20°41	8°30	6° 9	26°30	5°R 7	4°23	23°27	n.a.	M26
T 27	1 36 48	23°18'32	20° 9	3° 2	28°24	23°18	26°53	20°48	8°33	6°11	26°29	5° 7	4°20	23°34	n.a.	T 27
W28	1 40 45	24°19'37	3♓35	4°10	29°40	23°59	27° 6	20°55	8°36	6°13	26°29	5° 4	4°17	23°41	n.a.	W28
T 29	1 44 41	25°20'42	16°50	5°21	0♏55	24°39	27°20	21° 2	8°39	6°15	26°28	4°58	4°14	23°47	n.a.	T 29
F 30	1 48 38	26°21'49	29°55	6°34	2°11	25°20	27°33	21° 8	8°41	6°17	26°28	4°50	4°11	23°54	n.a.	F 30
S 31	1 52 34	27♎22'56	12♈49	7♎50	3♏26	26♍ 1	27♎47	21♎15	8♍44	6♐18	26♒27	4♒38	4♒ 7	24♊ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	1n14	6s38	2n33	7s20	2s28	2n49	1n10	10n32	1n 5	7s33	0n52	5s 5	2n11	9n44	0n45	20s35	1n 1	28s53	17s18	18s43	19s 9	27n 8					n.a.
F 2	0 49	0 31	3 31	6 57	2 17	2 17	1 8	10 17	1 4	7 38	0 52	5 8	2 10	9 43	0 45	20 35	1 1	28 53	17 18	18 45	19 10	27 8					n.a.
S 3	0 25	5n31	4 16	6 28	2 5	1 45	1 7	10 2	1 4	7 43	0 52	5 11	2 10	9 41	0 45	20 35	1 1	28 54	17 18	18 47	19 11	27 8					n.a.
S 4	0 0	11 11	4 47	5 53	1 50	1 13	1 5	9 46	1 4	7 48	0 52	5 13	2 10	9 40	0 45	20 35	1 1	28 54	17 18	18 49	19 11	27 8					n.a.
M 5	0s24	16 15	5 3	5 13	1 34	0 42	1 4	9 31	1 4	7 53	0 52	5 16	2 10	9 39	0 45	20 36	1 1	28 54	17 17	18 52	19 12	27 7					n.a.
T 6	0 49	20 33	5 4	4 29	1 16	0 10	1 2	9 15	1 4	7 58	0 52	5 19	2 10	9 37	0 45	20 36	1 1	28 54	17 17	18 54	19 13	27 7					n.a.
W 7	1 13	23 52	4 51	3 41	0 57	0s22	1 1	9 0	1 3	8 4	0 51	5 21	2 10	9 36	0 45	20 36	1 1	28 54	17 17	18 56	19 14	27 7					n.a.
T 8	1 37	26 5	4 25	2 51	0 36	0 54	0 59	8 44	1 3	8 9	0 51	5 24	2 10	9 35	0 45	20 36	1 1	28 54	17 17	18 58	19 15	27 7					n.a.
F 9	2 2	27 5	3 48	1 59	0 16	1 26	0 57	8 28	1 3	8 14	0 51	5 27	2 10	9 34	0 45	20 37	1 1	28 54	17 16	18 59	19 15	27 7					n.a.
S 10	2 26	26 51	3 1	1 8	0n 5	1 58	0 56	8 13	1 3	8 19	0 51	5 29	2 10	9 32	0 45	20 37	1 1	28 55	17 16	18 59	19 16	27 7					n.a.
S 11	2 51	25 23	2 7	0 19	0 25	2 30	0 54	7 57	1 2	8 24	0 51	5 32	2 10	9 31	0 45	20 37	1 1	28 55	17 16	18 59	19 17	27 6					n.a.
M12	3 15	22 45	1 6	0n26	0 44	3 2	0 52	7 41	1 2	8 29	0 51	5 35	2 10	9 30	0 45	20 38	1 1	28 55	17 16	18 59	19 18	27 6					n.a.
T 13	3 39	19 5	0 1	1 7	1 2	3 34	0 50	7 25	1 2	8 34	0 51	5 38	2 10	9 28	0 45	20 38	1 1	28 55	17 15	18 59	19 19	27 6					n.a.
W14	4 4	14 30	1s 4	1 43	1 19	4 6	0 48	7 9	1 2	8 39	0 51	5 40	2 10	9 27	0 45	20 38	1 1	28 55	17 15	18 59	19 19	27 6					n.a.
T 15	4 28	9 10	2 9	2 12	1 34	4 38	0 46	6 53	1 2	8 44	0 51	5 43	2 9	9 26	0 45	20 38	1 1	28 55	17 15	19 0	19 20	27 5					n.a.
F 16	4 52	3 18	3 8	2 35	1 47	5 9	0 44	6 36	1 1	8 49	0 50	5 46	2 9	9 25	0 45	20 39	1 1	28 55	17 15	19 1	19 21	27 5					n.a.
S 17	5 16	2s53	3 59	2 52	1 58	5 41	0 42	6 20	1 1	8 55	0 50	5 48	2 9	9 23	0 45	20 39	1 1	28 55	17 14	19 4	19 22	27 5					n.a.
S 18	5 40	9 5	4 36	3 2	2 7	6 12	0 40	6 4	1 1	9 0	0 50	5 51	2 9	9 22	0 45	20 39	1 1	28 55	17 14	19 6	19 22	27 5					n.a.
M19	6 4	14 57	4 58	3 7	2 14	6 43	0 38	5 48	1 0	9 5	0 50	5 54	2 9	9 21	0 45	20 40	1 1	28 55	17 14	19 9	19 23	27 4					n.a.
T 20	6 28	20 4	5 0	3 5	2 19	7 14	0 36	5 31	1 0	9 10	0 50	5 57	2 9	9 20	0 45	20 40	1 1	28 55	17 14	19 12	19 24	27 4					n.a.
W21	6 52	24 1	4 44	2 59	2 24	7 45	0 34	5 15	1 0	9 15	0 50	5 59	2 9	9 19	0 45	20 40	1 1	28 55	17 13	19 14	19 25	27 4					n.a.
T 22	7 16	26 24	4 9	2 47	2 26	8 16	0 31	4 58	1 0	9 20	0 50	6 2	2 9	9 17	0 45	20 41	1 0	28 55	17 13	19 16	19 26	27 4					n.a.
F 23	7 39	27 0	3 18	2 32	2 28	8 46	0 29	4 42	0 59	9 25	0 50	6 5	2 9	9 16	0 45	20 41	1 0	28 55	17 13	19 17	19 26	27 3					n.a.
S 24	8 2	25 48	2 15	2 13	2 28	9 17	0 27	4 25	0 59	9 30	0 50	6 7	2 9	9 15	0 45	20 41	1 0	28 55	17 12	19 18	19 27	27 3					n.a.
S 25	8 26	22 58	1 5	1 50	2 27	9 47	0 25	4 9	0 59	9 35	0 50	6 10	2 9	9 14	0 45	20 42	1 0	28 55	17 12	19 18	19 28	27 3					n.a.
M26	8 49	18 50	0n 7	1 25	2 25	10 17	0 22	3 52	0 58	9 40	0 50	6 13	2 9	9 13	0 45	20 42	1 0	28 55	17 12	19 18	19 29	27 2					n.a.
T 27	9 12	13 46	1 19	0 57	2 23	10 46	0 20	3 35	0 58	9 45	0 49	6 15	2 9	9 12	0 45	20 42	1 0	28 55	17 11	19 18	19 29	27 2					n.a.
W28	9 35	8 7	2 24	0 27	2 20	11 15	0 18	3 19	0 58	9 51	0 49	6 18	2 9	9 11	0 45	20 43	1 0	28 55	17 11	19 19	19 30	27 2					n.a.
T 29	9 58	2 12	3 21	0s 5	2 16	11 45	0 16	3 2	0 58	9 56	0 49	6 21	2 9	9 10	0 45	20 43	1 0	28 55	17 11	19 20	19 31	27 1					n.a.
F 30	10 20	3n43	4 7	0 38	2 12	12 13	0 13	2 45	0 57	10 1	0 49	6 23	2 9	9 8	0 45	20 43	1 0	28 54	17 11	19 22	19 32	27 1					n.a.
S 31	10s43	9n24	4n39	1s13	2n 7	12s42	0n11	2n29	0n57	10s 6	0n49	6s26	2n 9	9n 7	0n45	20s44	1n 0	28s54	17s10	19s25	19s32	27n 1					n.a.

Julian Day Number = 1306041.5, Delta T = 07h45m56s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'25, Lahiri = -19°39'24 Julian Calendar 1 Oct. 1138 BCE == Greg. Calendar 20 Sept. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

NOVEMBER 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 31	28♎24'03	25♈31	9♎ 9	4♏42	26♍42	28♎ 1	21♎22	8♍47	6♐20	26°R27	4°R25	4♒ 4	24♊ 7	n.a.	S 1
M 2	2 0 27	29°25'12	8♉ 2	10°29	5°57	27°23	28°14	21°29	8°50	6°22	26♒26	4♒10	4° 1	24°14	n.a.	M 2
T 3	2 4 24	0♏26'22	20°21	11°51	7°13	28° 4	28°28	21°36	8°53	6°24	26°26	3°56	3°58	24°21	n.a.	T 3
W 4	2 8 20	1°27'32	2♊28	13°14	8°28	28°45	28°42	21°43	8°55	6°26	26°26	3°43	3°55	24°27	n.a.	W 4
T 5	2 12 17	2°28'43	14°26	14°38	9°44	29°26	28°55	21°50	8°58	6°28	26°25	3°33	3°52	24°34	n.a.	T 5
F 6	2 16 14	3°29'56	26°18	16° 4	10°59	0♎ 7	29° 9	21°57	9° 1	6°30	26°25	3°26	3°48	24°41	n.a.	F 6
S 7	2 20 10	4°31'09	8♋ 5	17°30	12°15	0°48	29°23	22° 4	9° 3	6°32	26°24	3°22	3°45	24°47	n.a.	S 7
S 8	2 24 7	5°32'22	19°54	18°57	13°30	1°29	29°36	22°11	9° 6	6°34	26°24	3°20	3°42	24°54	n.a.	S 8
M 9	2 28 3	6°33'37	1♌49	20°25	14°46	2°10	29°50	22°18	9° 8	6°36	26°24	3°20	3°39	25° 1	n.a.	M 9
T 10	2 32 0	7°34'53	13°55	21°53	16° 1	2°52	0♏ 3	22°25	9°11	6°38	26°24	3°20	3°36	25° 7	n.a.	T 10
W11	2 35 56	8°36'09	26°19	23°22	17°16	3°33	0°17	22°32	9°13	6°40	26°23	3°19	3°32	25°14	n.a.	W11
T 12	2 39 53	9°37'25	9♍ 5	24°52	18°32	4°14	0°31	22°38	9°15	6°42	26°23	3°16	3°29	25°21	n.a.	T 12
F 13	2 43 49	10°38'43	22°18	26°21	19°47	4°55	0°44	22°45	9°18	6°44	26°23	3°10	3°26	25°27	n.a.	F 13
S 14	2 47 46	11°40'01	5♎59	27°51	21° 3	5°37	0°58	22°52	9°20	6°46	26°23	3° 2	3°23	25°34	n.a.	S 14
S 15	2 51 43	12°41'19	20° 9	29°22	22°18	6°18	1°11	22°59	9°22	6°48	26°23	2°52	3°20	25°41	n.a.	S 15
M16	2 55 39	13°42'38	4♏43	0♏53	23°33	6°59	1°25	23° 5	9°24	6°51	26°22	2°40	3°17	25°48	n.a.	M16
T 17	2 59 36	14°43'58	19°34	2°24	24°49	7°41	1°38	23°12	9°26	6°53	26°22	2°28	3°13	25°54	n.a.	T 17
W18	3 3 32	15°45'17	4♐34	3°55	26° 4	8°22	1°52	23°19	9°28	6°55	26°22	2°17	3°10	26° 1	n.a.	W18
T 19	3 7 29	16°46'37	19°33	5°27	27°19	9° 3	2° 5	23°25	9°30	6°57	26°22	2° 9	3° 7	26° 8	n.a.	T 19
F 20	3 11 25	17°47'56	4♑22	6°59	28°35	9°45	2°19	23°32	9°32	6°59	26°22	2° 3	3° 4	26°14	n.a.	F 20
S 21	3 15 22	18°49'16	18°55	8°32	29°50	10°26	2°32	23°39	9°34	7° 1	26°D22	2° 1	3° 1	26°21	n.a.	S 21
S 22	3 19 19	19°50'35	3♒ 9	10° 4	1♐ 5	11° 8	2°45	23°45	9°36	7° 4	26°22	2°D 0	2°58	26°28	n.a.	S 22
M23	3 23 15	20°51'53	17° 1	11°37	2°21	11°49	2°59	23°52	9°38	7° 6	26°22	2°R 1	2°54	26°34	n.a.	M23
T 24	3 27 12	21°53'12	0♓34	13°10	3°36	12°31	3°12	23°58	9°40	7° 8	26°22	2° 0	2°51	26°41	n.a.	T 24
W25	3 31 8	22°54'29	13°50	14°44	4°51	13°13	3°25	24° 5	9°42	7°10	26°22	1°58	2°48	26°48	n.a.	W25
T 26	3 35 5	23°55'47	26°49	16°18	6° 7	13°54	3°39	24°11	9°43	7°12	26°22	1°54	2°45	26°54	n.a.	T 26
F 27	3 39 1	24°57'04	9♈36	17°52	7°22	14°36	3°52	24°17	9°45	7°15	26°22	1°46	2°42	27° 1	n.a.	F 27
S 28	3 42 58	25°58'20	22°11	19°26	8°37	15°18	4° 5	24°24	9°46	7°17	26°23	1°37	2°38	27° 8	n.a.	S 28
S 29	3 46 54	26°59'36	4♉36	21° 1	9°52	15°59	4°18	24°30	9°48	7°19	26°23	1°25	2°35	27°14	n.a.	S 29
M30	3 50 51	28♏ 0'52	16♉51	22♏36	11♐ 8	16♎41	4♏31	24♎36	9♍49	7♐21	26♒23	1♒12	2♒32	27♊21	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 5	14n36	4n56	1s49	2n 2	13s10	0n 8	2n12	0n57	10s11	0n49	6s29	2n 9	9n 6	0n45	20s44	1n 0	28s54	17s10	19s28	19s33	27n 0		n.a.
M 2	11 27	19 7	4 59	2 26	1 56	13 38	0 6	1 55	0 56	10 16	0 49	6 31	2 9	9 5	0 45	20 44	1 0	28 54	17 10	19 32	19 34	27 0		n.a.
T 3	11 49	22 44	4 48	3 4	1 50	14 5	0 4	1 38	0 56	10 21	0 49	6 34	2 9	9 4	0 45	20 45	1 0	28 54	17 9	19 35	19 35	27 0		n.a.
W 4	12 10	25 18	4 23	3 43	1 44	14 32	0 1	1 21	0 56	10 26	0 49	6 37	2 9	9 3	0 45	20 45	1 0	28 54	17 9	19 38	19 36	26 59		n.a.
T 5	12 32	26 41	3 48	4 22	1 38	14 59	0s 1	1 4	0 55	10 31	0 49	6 39	2 9	9 2	0 45	20 45	1 0	28 54	17 9	19 41	19 36	26 59		n.a.
F 6	12 53	26 49	3 2	5 1	1 32	15 25	0 3	0 47	0 55	10 36	0 49	6 42	2 9	9 1	0 45	20 46	1 0	28 53	17 8	19 42	19 37	26 58		n.a.
S 7	13 14	25 44	2 9	5 40	1 25	15 51	0 6	0 30	0 55	10 41	0 49	6 44	2 9	9 0	0 45	20 46	1 0	28 53	17 8	19 43	19 38	26 58		n.a.
S 8	13 35	23 29	1 10	6 20	1 18	16 17	0 8	0 13	0 54	10 45	0 49	6 47	2 9	8 59	0 46	20 47	1 0	28 53	17 7	19 44	19 39	26 57		n.a.
M 9	13 56	20 13	0 8	7 0	1 11	16 42	0 11	0s 3	0 54	10 50	0 48	6 50	2 9	8 59	0 46	20 47	1 0	28 53	17 7	19 44	19 39	26 57		n.a.
T 10	14 16	16 2	0s56	7 40	1 4	17 7	0 13	0 20	0 53	10 55	0 48	6 52	2 9	8 58	0 46	20 47	1 0	28 53	17 7	19 44	19 40	26 57		n.a.
W11	14 36	11 6	1 59	8 20	0 57	17 31	0 15	0 37	0 53	11 0	0 48	6 55	2 9	8 57	0 46	20 48	1 0	28 52	17 6	19 44	19 41	26 56		n.a.
T 12	14 56	5 34	2 57	9 0	0 50	17 54	0 18	0 54	0 53	11 5	0 48	6 57	2 9	8 56	0 46	20 48	1 0	28 52	17 6	19 45	19 42	26 56		n.a.
F 13	15 16	0s23	3 48	9 40	0 43	18 18	0 20	1 11	0 52	11 10	0 48	7 0	2 9	8 55	0 46	20 48	1 0	28 52	17 6	19 46	19 42	26 55		n.a.
S 14	15 35	6 31	4 28	10 19	0 36	18 40	0 23	1 28	0 52	11 15	0 48	7 2	2 9	8 54	0 46	20 49	1 0	28 52	17 5	19 48	19 43	26 55		n.a.
S 15	15 54	12 31	4 53	10 58	0 29	19 3	0 25	1 45	0 51	11 20	0 48	7 5	2 9	8 53	0 46	20 49	1 0	28 51	17 5	19 50	19 44	26 54		n.a.
M16	16 13	18 0	5 0	11 37	0 22	19 24	0 27	2 2	0 51	11 24	0 48	7 7	2 9	8 53	0 46	20 50	1 0	28 51	17 5	19 53	19 45	26 54		n.a.
T 17	16 31	22 31	4 48	12 16	0 15	19 46	0 30	2 19	0 51	11 29	0 48	7 10	2 9	8 52	0 46	20 50	1 0	28 51	17 4	19 56	19 45	26 53		n.a.
W18	16 49	25 34	4 15	12 54	0 8	20 6	0 32	2 36	0 50	11 34	0 48	7 12	2 9	8 51	0 46	20 50	1 0	28 50	17 4	19 58	19 46	26 53		n.a.
T 19	17 7	26 49	3 25	13 32	0 1	20 26	0 34	2 53	0 50	11 39	0 48	7 15	2 9	8 50	0 46	20 51	1 0	28 50	17 4	20 0	19 47	26 52		n.a.
F 20	17 25	26 6	2 21	14 9	0s 5	20 46	0 36	3 10	0 49	11 44	0 48	7 17	2 9	8 50	0 46	20 51	1 0	28 50	17 3	20 2	19 48	26 52		n.a.
S 21	17 42	23 36	1 9	14 46	0 12	21 4	0 39	3 27	0 49	11 48	0 48	7 19	2 9	8 49	0 46	20 52	1 0	28 49	17 3	20 2	19 48	26 51		n.a.
S 22	17 59	19 41	0n 6	15 22	0 19	21 23	0 41	3 44	0 49	11 53	0 48	7 22	2 9	8 48	0 46	20 52	1 0	28 49	17 2	20 2	19 49	26 51		n.a.
M23	18 16	14 44	1 19	15 58	0 25	21 40	0 43	4 1	0 48	11 58	0 48	7 24	2 10	8 48	0 46	20 52	1 0	28 49	17 2	20 2	19 50	26 50		n.a.
T 24	18 32	9 11	2 26	16 33	0 32	21 57	0 45	4 18	0 48	12 2	0 48	7 27	2 10	8 47	0 46	20 53	1 0	28 48	17 2	20 2	19 51	26 50		n.a.
W25	18 48	3 21	3 23	17 7	0 38	22 14	0 47	4 35	0 47	12 7	0 48	7 29	2 10	8 46	0 46	20 53	1 0	28 48	17 1	20 3	19 51	26 49		n.a.
T 26	19 4	2n30	4 8	17 41	0 44	22 29	0 49	4 51	0 47	12 11	0 48	7 31	2 10	8 46	0 46	20 54	1 0	28 48	17 1	20 4	19 52	26 49		n.a.
F 27	19 19	8 9	4 40	18 14	0 50	22 44	0 51	5 8	0 46	12 16	0 48	7 34	2 10	8 45	0 46	20 54	0 59	28 47	17 1	20 5	19 53	26 48		n.a.
S 28	19 34	13 22	4 58	18 46	0 56	22 59	0 53	5 25	0 46	12 21	0 47	7 36	2 10	8 45	0 46	20 54	0 59	28 47	17 0	20 8	19 53	26 48		n.a.
S 29	19 48	17 59	5 2	19 18	1 2	23 13	0 55	5 42	0 45	12 25	0 47	7 38	2 10	8 44	0 46	20 55	0 59	28 46	17 0	20 10	19 54	26 47		n.a.
M30	20s 2	21n47	4n52	19s48	1s 7	23s26	0s57	5s58	0n45	12s30	0n47	7s40	2n10	8n43	0n46	20s55	0n59	28s46	17s 0	20s13	19s55	26n46		n.a.

Julian Day Number = 1306072.5, Delta T = 07h45m55s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'21, Lahiri = -19°39'20 Julian Calendar 1 Nov. 1138 BCE == Greg. Calendar 21 Oct. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1138 BCE
geocentric

DECEMBER 1138 BCE (-1137) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 48	29♏ 2'08	28♉58	24♏12	12♐23	17♎23	4♏44	24♎42	9♍51	7♐24	26♒23	1°R 0	2♒29	27♊28	n.a.	T 1
W 2	3 58 44	0♐ 3'23	10♊58	25°48	13°38	18° 5	4°57	24°49	9°52	7°26	26°23	0♒49	2°26	27°34	n.a.	W 2
T 3	4 2 41	1° 4'38	22°51	27°24	14°53	18°46	5°10	24°55	9°54	7°28	26°24	0°40	2°23	27°41	n.a.	T 3
F 4	4 6 37	2° 5'52	4♋40	29° 1	16° 8	19°28	5°23	25° 1	9°55	7°30	26°24	0°34	2°19	27°48	n.a.	F 4
S 5	4 10 34	3° 7'06	16°28	0♐38	17°23	20°10	5°36	25° 7	9°56	7°33	26°24	0°30	2°16	27°54	n.a.	S 5
S 6	4 14 30	4° 8'20	28°16	2°16	18°38	20°52	5°49	25°13	9°57	7°35	26°25	0°D29	2°13	28° 1	n.a.	S 6
M 7	4 18 27	5° 9'33	10♌11	3°54	19°54	21°34	6° 2	25°19	9°58	7°37	26°25	0°29	2°10	28° 8	n.a.	M 7
T 8	4 22 24	6°10'46	22°15	5°33	21° 9	22°16	6°15	25°25	9°59	7°39	26°25	0°30	2° 7	28°14	n.a.	T 8
W 9	4 26 20	7°11'58	4♍36	7°12	22°24	22°58	6°27	25°30	10° 0	7°42	26°26	0°R31	2° 4	28°21	n.a.	W 9
T 10	4 30 17	8°13'10	17°17	8°52	23°39	23°40	6°40	25°36	10° 1	7°44	26°26	0°31	2° 0	28°28	n.a.	T 10
F 11	4 34 13	9°14'21	0♎23	10°32	24°54	24°22	6°53	25°42	10° 2	7°46	26°27	0°28	1°57	28°34	n.a.	F 11
S 12	4 38 10	10°15'32	13°58	12°13	26° 9	25° 4	7° 5	25°48	10° 3	7°49	26°27	0°24	1°54	28°41	n.a.	S 12
S 13	4 42 6	11°16'43	28° 3	13°54	27°24	25°46	7°18	25°53	10° 4	7°51	26°28	0°18	1°51	28°48	n.a.	S 13
M14	4 46 3	12°17'53	12♏36	15°36	28°39	26°28	7°30	25°59	10° 4	7°53	26°28	0°10	1°48	28°54	n.a.	M14
T 15	4 49 59	13°19'02	27°32	17°19	29°54	27°10	7°42	26° 4	10° 5	7°55	26°29	0° 2	1°44	29° 1	n.a.	T 15
W16	4 53 56	14°20'11	12♐43	19° 1	1♑ 9	27°53	7°55	26°10	10° 6	7°58	26°29	29♑55	1°41	29° 8	n.a.	W16
T 17	4 57 53	15°21'18	27°58	20°45	2°24	28°35	8° 7	26°15	10° 6	8° 0	26°30	29°50	1°38	29°14	n.a.	T 17
F 18	5 1 49	16°22'25	13♑ 7	22°28	3°39	29°17	8°19	26°20	10° 7	8° 2	26°30	29°47	1°35	29°21	n.a.	F 18
S 19	5 5 46	17°23'30	28° 1	24°13	4°54	29°59	8°31	26°26	10° 7	8° 4	26°31	29°D45	1°32	29°28	n.a.	S 19
S 20	5 9 42	18°24'34	12♒33	25°57	6° 9	0♏41	8°43	26°31	10° 7	8° 7	26°32	29°46	1°29	29°34	n.a.	S 20
M21	5 13 39	19°25'36	26°40	27°42	7°23	1°24	8°55	26°36	10° 8	8° 9	26°32	29°47	1°25	29°41	n.a.	M21
T 22	5 17 35	20°26'37	10♓22	29°27	8°38	2° 6	9° 7	26°41	10° 8	8°11	26°33	29°49	1°22	29°48	n.a.	T 22
W23	5 21 32	21°27'37	23°40	1♑12	9°53	2°48	9°19	26°46	10° 8	8°13	26°34	29°R49	1°19	29°54	n.a.	W23
T 24	5 25 29	22°28'34	6♈37	2°57	11° 8	3°31	9°31	26°51	10° 8	8°16	26°34	29°48	1°16	0♋ 1	n.a.	T 24
F 25	5 29 25	23°29'31	19°15	4°42	12°23	4°13	9°43	26°56	10° 8	8°18	26°35	29°45	1°13	0° 8	n.a.	F 25
S 26	5 33 22	24°30'26	1♉39	6°26	13°38	4°56	9°54	27° 1	10°R 8	8°20	26°36	29°41	1°10	0°14	n.a.	S 26
S 27	5 37 18	25°31'19	13°52	8°10	14°52	5°38	10° 6	27° 5	10° 8	8°22	26°37	29°35	1° 6	0°21	n.a.	S 27
M28	5 41 15	26°32'11	25°56	9°53	16° 7	6°20	10°17	27°10	10° 8	8°24	26°38	29°29	1° 3	0°28	n.a.	M28
T 29	5 45 11	27°33'02	7♊53	11°35	17°22	7° 3	10°29	27°15	10° 8	8°27	26°38	29°23	1° 0	0°34	n.a.	T 29
W30	5 49 8	28°33'51	19°45	13°16	18°36	7°45	10°40	27°19	10° 8	8°29	26°39	29°17	0°57	0°41	n.a.	W30
T 31	5 53 4	29♐34'38	1♋34	14♑54	19♑51	8♏28	10♏51	27♎24	10♍ 8	8♐31	26♒40	29♑13	0♒54	0♋48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s16	24n36	4n28	20s18	1s12	23s38	0s59	6s15	0n44	12s34	0n47	7s43	2n10	8n43	0n46	20s55	0n59	28s46	16s59	20s16	19s56	26n46			n.a.
W 2	20 30	26 17	3 52	20 47	1 17	23 49	1 1	6 32	0 44	12 39	0 47	7 45	2 10	8 42	0 46	20 56	0 59	28 45	16 59	20 18	19 56	26 45			n.a.
T 3	20 43	26 45	3 7	21 14	1 22	24 0	1 3	6 48	0 43	12 43	0 47	7 47	2 10	8 42	0 46	20 56	0 59	28 45	16 58	20 20	19 57	26 45			n.a.
F 4	20 55	25 58	2 14	21 41	1 27	24 10	1 5	7 5	0 43	12 47	0 47	7 49	2 10	8 42	0 47	20 57	0 59	28 44	16 58	20 22	19 58	26 44			n.a.
S 5	21 7	24 2	1 15	22 7	1 32	24 20	1 7	7 21	0 42	12 52	0 47	7 51	2 10	8 41	0 47	20 57	0 59	28 44	16 58	20 22	19 59	26 43			n.a.
S 6	21 19	21 2	0 12	22 31	1 36	24 28	1 8	7 38	0 42	12 56	0 47	7 53	2 11	8 41	0 47	20 57	0 59	28 43	16 57	20 23	19 59	26 43			n.a.
M 7	21 31	17 9	0s52	22 54	1 40	24 36	1 10	7 54	0 41	13 0	0 47	7 55	2 11	8 40	0 47	20 58	0 59	28 43	16 57	20 23	20 0	26 42			n.a.
T 8	21 42	12 31	1 54	23 17	1 43	24 43	1 12	8 11	0 41	13 5	0 47	7 58	2 11	8 40	0 47	20 58	0 59	28 42	16 57	20 22	20 1	26 42			n.a.
W 9	21 52	7 18	2 53	23 37	1 47	24 50	1 13	8 27	0 40	13 9	0 47	8 0	2 11	8 40	0 47	20 59	0 59	28 42	16 56	20 22	20 2	26 41			n.a.
T 10	22 2	1 40	3 45	23 57	1 50	24 55	1 15	8 43	0 40	13 13	0 47	8 2	2 11	8 39	0 47	20 59	0 59	28 42	16 56	20 22	20 2	26 40			n.a.
F 11	22 12	4s13	4 27	24 15	1 53	25 0	1 16	8 59	0 39	13 18	0 47	8 4	2 11	8 39	0 47	20 59	0 59	28 41	16 56	20 23	20 3	26 40			n.a.
S 12	22 21	10 7	4 55	24 32	1 55	25 4	1 18	9 16	0 38	13 22	0 47	8 6	2 11	8 39	0 47	21 0	0 59	28 41	16 55	20 24	20 4	26 39			n.a.
S 13	22 30	15 43	5 7	24 47	1 57	25 7	1 19	9 32	0 38	13 26	0 47	8 8	2 11	8 38	0 47	21 0	0 59	28 40	16 55	20 25	20 4	26 38			n.a.
M14	22 38	20 38	5 1	25 1	1 59	25 10	1 20	9 48	0 37	13 30	0 47	8 10	2 11	8 38	0 47	21 0	0 59	28 40	16 54	20 27	20 5	26 38			n.a.
T 15	22 46	24 22	4 33	25 13	2 0	25 12	1 22	10 4	0 37	13 34	0 47	8 11	2 12	8 38	0 47	21 1	0 59	28 39	16 54	20 28	20 6	26 37			n.a.
W16	22 54	26 26	3 47	25 23	2 1	25 12	1 23	10 20	0 36	13 38	0 47	8 13	2 12	8 38	0 47	21 1	0 59	28 38	16 54	20 30	20 7	26 36			n.a.
T 17	23 1	26 32	2 43	25 31	2 2	25 13	1 24	10 35	0 36	13 42	0 47	8 15	2 12	8 38	0 47	21 2	0 59	28 38	16 53	20 31	20 7	26 35			n.a.
F 18	23 7	24 39	1 29	25 38	2 2	25 12	1 25	10 51	0 35	13 46	0 47	8 17	2 12	8 38	0 47	21 2	0 59	28 37	16 53	20 32	20 8	26 35			n.a.
S 19	23 13	21 3	0 9	25 43	2 1	25 10	1 26	11 7	0 34	13 50	0 47	8 19	2 12	8 37	0 47	21 2	0 59	28 37	16 53	20 32	20 9	26 34			n.a.
S 20	23 19	16 13	1n 9	25 46	2 0	25 8	1 27	11 23	0 34	13 54	0 47	8 21	2 12	8 37	0 47	21 3	0 59	28 36	16 52	20 32	20 9	26 33			n.a.
M21	23 24	10 37	2 21	25 47	1 59	25 5	1 28	11 38	0 33	13 58	0 47	8 22	2 12	8 37	0 47	21 3	0 59	28 36	16 52	20 32	20 10	26 33			n.a.
T 22	23 29	4 41	3 23	25 46	1 56	25 1	1 29	11 53	0 32	14 2	0 47	8 24	2 12	8 37	0 47	21 3	0 59	28 35	16 52	20 31	20 11	26 32			n.a.
W23	23 33	1n17	4 12	25 43	1 54	24 57	1 30	12 9	0 32	14 6	0 47	8 26	2 13	8 37	0 47	21 4	0 59	28 35	16 51	20 31	20 12	26 31			n.a.
T 24	23 37	7 2	4 46	25 38	1 50	24 51	1 30	12 24	0 31	14 9	0 47	8 27	2 13	8 37	0 47	21 4	0 59	28 34	16 51	20 32	20 12	26 30			n.a.
F 25	23 40	12 22	5 6	25 31	1 46	24 45	1 31	12 39	0 31	14 13	0 47	8 29	2 13	8 37	0 47	21 5	0 59	28 33	16 51	20 32	20 13	26 30			n.a.
S 26	23 43	17 5	5 11	25 22	1 42	24 38	1 32	12 54	0 30	14 17	0 47	8 31	2 13	8 37	0 47	21 5	0 59	28 33	16 50	20 33	20 14	26 29			n.a.
S 27	23 45	21 3	5 2	25 10	1 36	24 31	1 32	13 9	0 29	14 21	0 47	8 32	2 13	8 37	0 47	21 5	0 59	28 32	16 50	20 34	20 14	26 28			n.a.
M28	23 47	24 4	4 39	24 57	1 30	24 22	1 33	13 24	0 29	14 24	0 47	8 34	2 13	8 37	0 48	21 6	0 59	28 32	16 50	20 36	20 15	26 27			n.a.
T 29	23 48	26 0	4 4	24 41	1 23	24 13	1 33	13 39	0 28	14 28	0 47	8 35	2 13	8 37	0 48	21 6	0 59	28 31	16 50	20 37	20 16	26 26			n.a.
W30	23 49	26 44	3 19	24 24	1 15	24 3	1 33	13 54	0 27	14 31	0 47	8 37	2 14	8 38	0 48	21 6	0 59	28 31	16 49	20 38	20 17	26 26			n.a.
T 31	23s50	26n15	2n25	24s 5	1s 6	23s53	1s34	14s 8	0n26	14s35	0n47	8s38	2n14	8n38	0n48	21s 7	0n59	28s30	16s49	20s39	20s17	26n25			n.a.

Julian Day Number = 1306102.5, Delta T = 07h45m53s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'17, Lahiri = -19°39'16 Julian Calendar 1 Dec. 1138 BCE == Greg. Calendar 20 Nov. 1138 BCE

The year -1137 astronomical counting style corresponds to year 1138 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

JANUARY 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 57 1	0♉35'24	13♋23	16♉30	21♉ 6	9♏10	11♏ 2	27♎28	10°R 7	8♐33	26♒41	29°R10	0♒50	0♋54	n.a.	F 1
S 2	6 0 58	1°36'09	25°13	18° 4	22°20	9°53	11°13	27°32	10♍ 7	8°35	26°42	29°D 9	0°47	1° 1	n.a.	S 2
S 3	6 4 54	2°36'52	7♌ 6	19°33	23°35	10°36	11°24	27°36	10° 7	8°37	26°43	29♉ 9	0°44	1° 8	n.a.	S 3
M 4	6 8 51	3°37'33	19° 5	20°59	24°49	11°18	11°35	27°41	10° 6	8°40	26°44	29°10	0°41	1°14	n.a.	M 4
T 5	6 12 47	4°38'14	1♍15	22°20	26° 4	12° 1	11°46	27°45	10° 6	8°42	26°45	29°12	0°38	1°21	n.a.	T 5
W 6	6 16 44	5°38'53	13°37	23°36	27°18	12°44	11°56	27°49	10° 5	8°44	26°46	29°14	0°35	1°28	n.a.	W 6
T 7	6 20 40	6°39'30	26°17	24°46	28°33	13°26	12° 7	27°52	10° 4	8°46	26°47	29°15	0°31	1°34	n.a.	T 7
F 8	6 24 37	7°40'06	9♎19	25°49	29°47	14° 9	12°17	27°56	10° 4	8°48	26°48	29°R15	0°28	1°41	n.a.	F 8
S 9	6 28 33	8°40'41	22°45	26°44	1♒ 1	14°52	12°28	28° 0	10° 3	8°50	26°49	29°15	0°25	1°48	n.a.	S 9
S 10	6 32 30	9°41'14	6♏37	27°32	2°16	15°35	12°38	28° 4	10° 2	8°52	26°50	29°13	0°22	1°54	n.a.	S 10
M11	6 36 27	10°41'46	20°57	28°10	3°30	16°17	12°48	28° 7	10° 1	8°54	26°51	29°11	0°19	2° 1	n.a.	M11
T 12	6 40 23	11°42'17	5♐40	28°39	4°44	17° 0	12°58	28°11	10° 0	8°56	26°52	29° 9	0°16	2° 8	n.a.	T 12
W13	6 44 20	12°42'45	20°42	28°59	5°59	17°43	13° 8	28°14	9°59	8°58	26°53	29° 6	0°12	2°14	n.a.	W13
T 14	6 48 16	13°43'13	5♑54	29°R 8	7°13	18°26	13°18	28°17	9°58	9° 0	26°54	29° 5	0° 9	2°21	n.a.	T 14
F 15	6 52 13	14°43'38	21° 6	29° 7	8°27	19° 9	13°28	28°21	9°57	9° 2	26°55	29° 4	0° 6	2°28	n.a.	F 15
S 16	6 56 9	15°44'02	6♒ 9	28°57	9°41	19°52	13°37	28°24	9°56	9° 4	26°56	29°D 4	0° 3	2°34	n.a.	S 16
S 17	7 0 6	16°44'23	20°55	28°36	10°55	20°35	13°47	28°27	9°55	9° 6	26°58	29° 4	29♉59	2°41	n.a.	S 17
M18	7 4 3	17°44'43	5♓16	28° 6	12° 9	21°17	13°56	28°30	9°54	9° 8	26°59	29° 5	29°56	2°48	n.a.	M18
T 19	7 7 59	18°45'00	19°12	27°28	13°24	22° 0	14° 6	28°33	9°53	9° 9	27° 0	29° 6	29°53	2°54	n.a.	T 19
W20	7 11 56	19°45'15	2♈40	26°42	14°38	22°43	14°15	28°35	9°51	9°11	27° 1	29° 7	29°50	3° 1	n.a.	W20
T 21	7 15 52	20°45'27	15°43	25°50	15°52	23°26	14°24	28°38	9°50	9°13	27° 2	29°R 8	29°47	3° 8	n.a.	T 21
F 22	7 19 49	21°45'38	28°23	24°53	17° 5	24° 9	14°33	28°41	9°49	9°15	27° 4	29° 7	29°44	3°14	n.a.	F 22
S 23	7 23 45	22°45'46	10♉45	23°52	18°19	24°52	14°42	28°43	9°47	9°17	27° 5	29° 7	29°41	3°21	n.a.	S 23
S 24	7 27 42	23°45'52	22°53	22°50	19°33	25°35	14°50	28°46	9°46	9°18	27° 6	29° 7	29°37	3°28	n.a.	S 24
M25	7 31 38	24°45'56	4♊51	21°47	20°47	26°18	14°59	28°48	9°44	9°20	27° 7	29° 6	29°34	3°34	n.a.	M25
T 26	7 35 35	25°45'57	16°42	20°45	22° 1	27° 1	15° 7	28°50	9°43	9°22	27° 9	29° 5	29°31	3°41	n.a.	T 26
W27	7 39 31	26°45'57	28°30	19°46	23°14	27°44	15°15	28°52	9°41	9°24	27°10	29° 5	29°28	3°48	n.a.	W27
T 28	7 43 28	27°45'54	10♋19	18°50	24°28	28°28	15°24	28°54	9°39	9°25	27°11	29° 5	29°25	3°54	n.a.	T 28
F 29	7 47 25	28°45'49	22°10	17°59	25°42	29°11	15°32	28°56	9°38	9°27	27°12	29° 5	29°22	4° 1	n.a.	F 29
S 30	7 51 21	29°45'42	4♌ 5	17°12	26°55	29°54	15°40	28°58	9°36	9°29	27°14	29° 5	29°18	4° 8	n.a.	S 30
S 31	7 55 18	0♒45'32	16♌ 7	16♉32	28♒ 9	0♐37	15♏47	29♎ 0	9♍34	9♐30	27♒15	29♉ 5	29♉15	4♋14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	24n34	1n26	23s44	0s57	23s41	1s34	14s23	0n26	14s38	0n47	8s40	2n14	8n38	0n48	21s 7	0n59	28s29	16s49	20s40	20s18	26n24		n.a.
S 2	23 49	21 48	0 22	23 21	0 46	23 29	1 34	14 37	0 25	14 42	0 47	8 41	2 14	8 38	0 48	21 7	0 59	28 29	16 48	20 40	20 19	26 23		n.a.
S 3	23 48	18 6	0s44	22 58	0 35	23 17	1 34	14 52	0 24	14 45	0 47	8 42	2 14	8 38	0 48	21 8	0 59	28 28	16 48	20 40	20 19	26 22		n.a.
M 4	23 47	13 38	1 48	22 33	0 23	23 3	1 34	15 6	0 24	14 49	0 47	8 44	2 14	8 38	0 48	21 8	0 59	28 27	16 48	20 40	20 20	26 22		n.a.
T 5	23 45	8 36	2 48	22 7	0 10	22 49	1 34	15 20	0 23	14 52	0 47	8 45	2 14	8 39	0 48	21 8	0 59	28 27	16 47	20 39	20 21	26 21		n.a.
W 6	23 43	3 9	3 41	21 40	0n 4	22 34	1 34	15 34	0 22	14 55	0 47	8 46	2 15	8 39	0 48	21 9	0 59	28 26	16 47	20 39	20 21	26 20		n.a.
T 7	23 40	2s33	4 25	21 13	0 18	22 19	1 33	15 47	0 21	14 59	0 47	8 48	2 15	8 39	0 48	21 9	0 59	28 26	16 47	20 39	20 22	26 19		n.a.
F 8	23 36	8 17	4 57	20 47	0 33	22 3	1 33	16 1	0 21	15 2	0 47	8 49	2 15	8 39	0 48	21 9	0 59	28 25	16 47	20 38	20 23	26 18		n.a.
S 9	23 33	13 49	5 14	20 21	0 49	21 46	1 33	16 15	0 20	15 5	0 47	8 50	2 15	8 40	0 48	21 10	0 59	28 24	16 46	20 39	20 23	26 17		n.a.
S 10	23 28	18 52	5 13	19 56	1 5	21 29	1 32	16 28	0 19	15 8	0 47	8 51	2 15	8 40	0 48	21 10	0 59	28 24	16 46	20 39	20 24	26 16		n.a.
M11	23 24	23 0	4 53	19 32	1 22	21 11	1 32	16 41	0 18	15 11	0 47	8 52	2 15	8 41	0 48	21 10	0 59	28 23	16 46	20 39	20 25	26 16		n.a.
T 12	23 18	25 46	4 14	19 9	1 39	20 52	1 31	16 55	0 17	15 14	0 47	8 53	2 16	8 41	0 48	21 11	0 59	28 22	16 46	20 40	20 26	26 15		n.a.
W13	23 13	26 46	3 17	18 49	1 56	20 33	1 31	17 8	0 17	15 17	0 47	8 55	2 16	8 41	0 48	21 11	0 59	28 22	16 45	20 40	20 26	26 14		n.a.
T 14	23 7	25 47	2 5	18 31	2 12	20 13	1 30	17 20	0 16	15 20	0 47	8 56	2 16	8 42	0 48	21 11	0 59	28 21	16 45	20 41	20 27	26 13		n.a.
F 15	23 0	22 52	0 44	18 15	2 28	19 53	1 29	17 33	0 15	15 23	0 47	8 57	2 16	8 42	0 48	21 11	0 59	28 21	16 45	20 41	20 28	26 12		n.a.
S 16	22 53	18 24	0n39	18 2	2 44	19 32	1 28	17 46	0 14	15 26	0 47	8 57	2 16	8 43	0 48	21 12	0 59	28 20	16 45	20 41	20 28	26 11		n.a.
S 17	22 46	12 54	1 58	17 52	2 58	19 10	1 27	17 58	0 13	15 29	0 47	8 58	2 17	8 43	0 48	21 12	0 59	28 19	16 44	20 41	20 29	26 10		n.a.
M18	22 38	6 50	3 8	17 45	3 11	18 48	1 26	18 11	0 13	15 32	0 47	8 59	2 17	8 44	0 48	21 12	0 59	28 19	16 44	20 41	20 30	26 9		n.a.
T 19	22 30	0 37	4 4	17 41	3 23	18 26	1 25	18 23	0 12	15 35	0 47	9 0	2 17	8 44	0 48	21 13	0 59	28 18	16 44	20 40	20 30	26 8		n.a.
W20	22 21	5n25	4 44	17 40	3 33	18 3	1 24	18 35	0 11	15 37	0 47	9 1	2 17	8 45	0 48	21 13	0 59	28 17	16 44	20 40	20 31	26 7		n.a.
T 21	22 12	11 1	5 9	17 42	3 42	17 39	1 23	18 47	0 10	15 40	0 47	9 2	2 17	8 45	0 48	21 13	0 59	28 17	16 43	20 40	20 32	26 6		n.a.
F 22	22 2	16 0	5 17	17 46	3 48	17 16	1 21	18 58	0 9	15 43	0 47	9 3	2 17	8 46	0 48	21 13	0 59	28 16	16 43	20 40	20 32	26 5		n.a.
S 23	21 52	20 12	5 11	17 52	3 52	16 51	1 20	19 10	0 8	15 45	0 47	9 3	2 18	8 46	0 49	21 14	0 59	28 15	16 43	20 40	20 33	26 4		n.a.
S 24	21 42	23 28	4 51	18 1	3 54	16 26	1 19	19 21	0 7	15 48	0 47	9 4	2 18	8 47	0 49	21 14	0 59	28 15	16 43	20 40	20 34	26 3		n.a.
M25	21 31	25 41	4 18	18 11	3 54	16 1	1 17	19 32	0 6	15 50	0 47	9 5	2 18	8 48	0 49	21 14	0 59	28 14	16 43	20 40	20 34	26 3		n.a.
T 26	21 20	26 43	3 34	18 23	3 51	15 35	1 16	19 43	0 6	15 53	0 47	9 5	2 18	8 48	0 49	21 14	0 59	28 14	16 42	20 41	20 35	26 2		n.a.
W27	21 9	26 31	2 42	18 36	3 47	15 9	1 14	19 54	0 5	15 55	0 47	9 6	2 18	8 49	0 49	21 15	0 59	28 13	16 42	20 41	20 36	26 1		n.a.
T 28	20 57	25 8	1 42	18 50	3 41	14 43	1 12	20 5	0 4	15 58	0 47	9 6	2 19	8 49	0 49	21 15	0 59	28 12	16 42	20 41	20 36	26 0		n.a.
F 29	20 45	22 36	0 38	19 5	3 33	14 16	1 11	20 16	0 3	16 0	0 47	9 7	2 19	8 50	0 49	21 15	0 59	28 12	16 42	20 41	20 37	25 59		n.a.
S 30	20 32	19 6	0s28	19 20	3 24	13 49	1 9	20 26	0 2	16 2	0 48	9 7	2 19	8 51	0 49	21 15	0 59	28 11	16 42	20 41	20 38	25 58		n.a.
S 31	20s19	14n47	1s33	19s35	3n14	13s21	1s 7	20s36	0n 1	16s 5	0n48	9s 8	2n19	8n52	0n49	21s16	0n59	28s10	16s42	20s41	20s38	25n56		n.a.

Julian Day Number = 1306133.5, Delta T = 07h45m51s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'12, Lahiri = -19°39'12 Julian Calendar 1 Jan. 1137 BCE == Greg. Calendar 21 Dec. 1138 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

FEBRUARY 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 59 14	1♒45'21	28♌18	15°R58	29♒22	1♐20	15♏55	29♎ 1	9°R32	9♐32	27♒16	29°R 5	29♉12	4♋21	n.a.	M 1
T 2	8 3 11	2°45'08	10♍40	15♉30	0♓36	2° 3	16° 2	29° 3	9♍30	9°33	27°18	29♉ 4	29° 9	4°28	n.a.	T 2
W 3	8 7 7	3°44'52	23°14	15° 9	1°49	2°46	16°10	29° 4	9°29	9°35	27°19	29° 4	29° 6	4°34	n.a.	W 3
T 4	8 11 4	4°44'35	6♎ 2	14°55	3° 2	3°30	16°17	29° 6	9°27	9°36	27°20	29° 3	29° 2	4°41	n.a.	T 4
F 5	8 15 0	5°44'16	19° 7	14°47	4°16	4°13	16°24	29° 7	9°25	9°38	27°22	29° 2	28°59	4°48	n.a.	F 5
S 6	8 18 57	6°43'55	2♏31	14°D45	5°29	4°56	16°31	29° 8	9°23	9°39	27°23	29°D 2	28°56	4°54	n.a.	S 6
S 7	8 22 54	7°43'32	16°15	14°49	6°42	5°39	16°38	29° 9	9°21	9°41	27°25	29° 2	28°53	5° 1	n.a.	S 7
M 8	8 26 50	8°43'07	0♐20	14°59	7°55	6°23	16°44	29°10	9°19	9°42	27°26	29° 3	28°50	5° 8	n.a.	M 8
T 9	8 30 47	9°42'41	14°44	15°15	9° 8	7° 6	16°51	29°11	9°17	9°43	27°27	29° 4	28°47	5°14	n.a.	T 9
W10	8 34 43	10°42'13	29°24	15°36	10°21	7°49	16°57	29°12	9°14	9°45	27°29	29° 4	28°43	5°21	n.a.	W10
T 11	8 38 40	11°41'43	14♉17	16° 1	11°34	8°32	17° 3	29°12	9°12	9°46	27°30	29° 5	28°40	5°28	n.a.	T 11
F 12	8 42 36	12°41'10	29°14	16°32	12°47	9°16	17° 9	29°13	9°10	9°47	27°32	29°R 6	28°37	5°34	n.a.	F 12
S 13	8 46 33	13°40'36	14♒ 8	17° 6	14° 0	9°59	17°15	29°14	9° 8	9°49	27°33	29° 5	28°34	5°41	n.a.	S 13
S 14	8 50 29	14°39'59	28°51	17°45	15°13	10°42	17°21	29°14	9° 6	9°50	27°34	29° 4	28°31	5°47	n.a.	S 14
M15	8 54 26	15°39'20	13♓16	18°27	16°25	11°26	17°26	29°14	9° 3	9°51	27°36	29° 2	28°28	5°54	n.a.	M15
T 16	8 58 23	16°38'38	27°18	19°13	17°38	12° 9	17°32	29°14	9° 1	9°52	27°37	29° 0	28°24	6° 1	n.a.	T 16
W17	9 2 19	17°37'55	10♈54	20° 3	18°51	12°52	17°37	29°R14	8°59	9°53	27°39	28°57	28°21	6° 7	n.a.	W17
T 18	9 6 16	18°37'08	24° 4	20°56	20° 3	13°36	17°42	29°14	8°56	9°54	27°40	28°55	28°18	6°14	n.a.	T 18
F 19	9 10 12	19°36'20	6♉50	21°52	21°16	14°19	17°47	29°14	8°54	9°56	27°42	28°54	28°15	6°21	n.a.	F 19
S 20	9 14 9	20°35'29	19°15	22°50	22°28	15° 2	17°51	29°14	8°52	9°57	27°43	28°D53	28°12	6°27	n.a.	S 20
S 21	9 18 5	21°34'35	1♊24	23°52	23°40	15°46	17°56	29°14	8°49	9°58	27°45	28°53	28° 8	6°34	n.a.	S 21
M22	9 22 2	22°33'39	13°20	24°56	24°53	16°29	18° 0	29°13	8°47	9°59	27°46	28°54	28° 5	6°41	n.a.	M22
T 23	9 25 58	23°32'41	25°10	26° 2	26° 5	17°12	18° 5	29°13	8°44	10° 0	27°47	28°56	28° 2	6°47	n.a.	T 23
W24	9 29 55	24°31'40	6♋58	27°11	27°17	17°56	18° 9	29°12	8°42	10° 1	27°49	28°58	27°59	6°54	n.a.	W24
T 25	9 33 51	25°30'37	18°47	28°22	28°29	18°39	18°12	29°11	8°39	10° 1	27°50	28°59	27°56	7° 1	n.a.	T 25
F 26	9 37 48	26°29'32	0♌42	29°35	29°41	19°22	18°16	29°11	8°37	10° 2	27°52	29°R 0	27°53	7° 7	n.a.	F 26
S 27	9 41 45	27°28'24	12°46	0♒50	0♈53	20° 6	18°20	29°10	8°35	10° 3	27°53	28°59	27°49	7°14	n.a.	S 27
S 28	9 45 41	28°27'14	25° 0	2° 8	2° 5	20°49	18°23	29° 9	8°32	10° 4	27°55	28°56	27°46	7°21	n.a.	S 28
M29	9 49 38	29♒26'02	7♍27	3♒27	3♈16	21♐32	18♏26	29♎ 8	8♍29	10♐ 5	27♒56	28♉53	27♉43	7♋27	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	20s 6	9n50	2s35	19s50	3n 2	12s53	1s 5	20s46	0s 0	16s 7	0n48	9s 8	2n19	8n52	0n49	21s16	0n59	28s10	16s41	20s41	20s39	25n55		n.a.	M 1
T 2	19 52	4 26	3 31	20 6	2 50	12 25	1 3	20 56	0 1	16 9	0 48	9 9	2 20	8 53	0 49	21 16	0 59	28 9	16 41	20 41	20 40	25 54		n.a.	T 2
W 3	19 38	1s12	4 18	20 21	2 38	11 57	1 1	21 5	0 2	16 11	0 48	9 9	2 20	8 54	0 49	21 16	0 59	28 8	16 41	20 41	20 40	25 53		n.a.	W 3
T 4	19 23	6 54	4 52	20 35	2 24	11 28	0 59	21 15	0 3	16 13	0 48	9 9	2 20	8 55	0 49	21 16	0 59	28 8	16 41	20 41	20 41	25 52		n.a.	T 4
F 5	19 9	12 25	5 13	20 50	2 11	10 59	0 56	21 24	0 4	16 15	0 48	9 9	2 20	8 55	0 49	21 17	1 0	28 7	16 41	20 41	20 42	25 51		n.a.	F 5
S 6	18 54	17 29	5 17	21 3	1 57	10 29	0 54	21 33	0 5	16 17	0 48	9 10	2 20	8 56	0 49	21 17	1 0	28 7	16 41	20 41	20 42	25 50		n.a.	S 6
S 7	18 38	21 48	5 3	21 16	1 44	10 0	0 52	21 42	0 6	16 19	0 48	9 10	2 21	8 57	0 49	21 17	1 0	28 6	16 41	20 41	20 43	25 49		n.a.	S 7
M 8	18 23	24 58	4 31	21 29	1 30	9 30	0 50	21 51	0 7	16 21	0 48	9 10	2 21	8 58	0 49	21 17	1 0	28 5	16 41	20 41	20 44	25 48		n.a.	M 8
T 9	18 7	26 37	3 42	21 40	1 17	9 0	0 47	21 59	0 8	16 23	0 48	9 10	2 21	8 58	0 49	21 17	1 0	28 5	16 40	20 41	20 44	25 47		n.a.	T 9
W10	17 50	26 27	2 37	21 51	1 4	8 30	0 45	22 7	0 9	16 25	0 48	9 10	2 21	8 59	0 49	21 18	1 0	28 4	16 40	20 41	20 45	25 46		n.a.	W10
T 11	17 34	24 24	1 21	22 1	0 51	7 59	0 42	22 15	0 10	16 26	0 48	9 10	2 21	9 0	0 49	21 18	1 0	28 3	16 40	20 41	20 46	25 45		n.a.	T 11
F 12	17 17	20 38	0n 1	22 10	0 38	7 28	0 39	22 23	0 11	16 28	0 48	9 10	2 22	9 1	0 49	21 18	1 0	28 3	16 40	20 41	20 46	25 44		n.a.	F 12
S 13	16 59	15 33	1 22	22 18	0 26	6 58	0 37	22 31	0 12	16 30	0 48	9 10	2 22	9 2	0 49	21 18	1 0	28 2	16 40	20 41	20 47	25 43		n.a.	S 13
S 14	16 42	9 36	2 37	22 24	0 14	6 27	0 34	22 38	0 13	16 31	0 48	9 10	2 22	9 3	0 49	21 18	1 0	28 2	16 40	20 41	20 48	25 42		n.a.	S 14
M15	16 24	3 17	3 41	22 30	0 2	5 55	0 31	22 46	0 14	16 33	0 48	9 10	2 22	9 4	0 49	21 18	1 0	28 1	16 40	20 41	20 48	25 40		n.a.	M15
T 16	16 6	3n 1	4 29	22 35	0s 9	5 24	0 29	22 53	0 16	16 34	0 48	9 10	2 22	9 5	0 49	21 19	1 0	28 0	16 40	20 42	20 49	25 39		n.a.	T 16
W17	15 48	8 58	5 0	22 38	0 20	4 53	0 26	22 59	0 17	16 36	0 48	9 10	2 23	9 5	0 49	21 19	1 0	28 0	16 40	20 42	20 50	25 38		n.a.	W17
T 18	15 29	14 20	5 15	22 40	0 30	4 21	0 23	23 6	0 18	16 37	0 48	9 10	2 23	9 6	0 49	21 19	1 0	27 59	16 40	20 43	20 50	25 37		n.a.	T 18
F 19	15 11	18 55	5 13	22 41	0 40	3 50	0 20	23 12	0 19	16 38	0 48	9 9	2 23	9 7	0 49	21 19	1 0	27 59	16 40	20 43	20 51	25 36		n.a.	F 19
S 20	14 52	22 34	4 56	22 41	0 50	3 18	0 17	23 18	0 20	16 40	0 48	9 9	2 23	9 8	0 49	21 19	1 0	27 58	16 40	20 43	20 52	25 35		n.a.	S 20
S 21	14 33	25 7	4 27	22 39	0 59	2 46	0 14	23 24	0 21	16 41	0 48	9 9	2 23	9 9	0 49	21 19	1 0	27 57	16 40	20 43	20 52	25 34		n.a.	S 21
M22	14 13	26 30	3 46	22 36	1 8	2 14	0 11	23 30	0 22	16 42	0 48	9 9	2 23	9 10	0 49	21 19	1 0	27 57	16 39	20 43	20 53	25 32		n.a.	M22
T 23	13 53	26 40	2 56	22 32	1 16	1 42	0 8	23 36	0 23	16 43	0 48	9 8	2 24	9 11	0 49	21 20	1 0	27 56	16 39	20 42	20 54	25 31		n.a.	T 23
W24	13 34	25 37	1 58	22 26	1 24	1 10	0 5	23 41	0 25	16 44	0 48	9 8	2 24	9 12	0 49	21 20	1 0	27 56	16 39	20 42	20 54	25 30		n.a.	W24
T 25	13 14	23 25	0 56	22 18	1 31	0 39	0 2	23 46	0 26	16 45	0 48	9 7	2 24	9 13	0 49	21 20	1 0	27 55	16 39	20 42	20 55	25 29		n.a.	T 25
F 26	12 53	20 10	0s 9	22 10	1 38	0 7	0n 1	23 51	0 27	16 46	0 49	9 7	2 24	9 14	0 49	21 20	1 0	27 55	16 39	20 42	20 56	25 28		n.a.	F 26
S 27	12 33	16 3	1 15	21 59	1 44	0n25	0 4	23 55	0 28	16 47	0 49	9 7	2 24	9 15	0 49	21 20	1 0	27 54	16 39	20 42	20 56	25 26		n.a.	S 27
S 28	12 12	11 14	2 18	21 47	1 50	0 57	0 8	24 0	0 29	16 48	0 49	9 6	2 25	9 16	0 49	21 20	1 0	27 54	16 39	20 42	20 57	25 25		n.a.	S 28
M29	11s51	5n54	3s15	21s34	1s55	1n29	0n11	24s 4	0s30	16s49	0n49	9s 5	2n25	9n17	0n49	21s20	1n 0	27s53	16s39	20s43	20s57	25n24		n.a.	M29

Julian Day Number = 1306164.5, Delta T = 07h45m50s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'08, Lahiri = -19°39'08 Julian Calendar 1 Feb. 1137 BCE == Greg. Calendar 21 Jan. 1137 BCE

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

MARCH 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 53 34	0♓24'47	20♍ 6	4♒48	4♈28	22♐16	18♏29	29°R 7	8°R27	10♐ 5	27♒58	28°R48	27♑40	7♋34	n.a.	T 1
W 2	9 57 31	1°23'31	2♎59	6°11	5°40	22°59	18°32	29♎ 5	8♍24	10° 6	27°59	28♑43	27°37	7°41	n.a.	W 2
T 3	10 1 27	2°22'13	16° 6	7°36	6°51	23°42	18°34	29° 4	8°22	10° 7	28° 1	28°37	27°33	7°47	n.a.	T 3
F 4	10 5 24	3°20'52	29°26	9° 2	8° 2	24°26	18°37	29° 2	8°19	10° 7	28° 2	28°33	27°30	7°54	n.a.	F 4
S 5	10 9 20	4°19'30	12♏59	10°31	9°14	25° 9	18°39	29° 1	8°17	10° 8	28° 4	28°29	27°27	8° 1	n.a.	S 5
S 6	10 13 17	5°18'07	26°45	12° 1	10°25	25°53	18°41	28°59	8°14	10° 9	28° 5	28°27	27°24	8° 7	n.a.	S 6
M 7	10 17 13	6°16'41	10♐43	13°32	11°36	26°36	18°43	28°58	8°12	10° 9	28° 6	28°D27	27°21	8°14	n.a.	M 7
T 8	10 21 10	7°15'14	24°53	15° 6	12°47	27°19	18°45	28°56	8° 9	10°10	28° 8	28°28	27°18	8°21	n.a.	T 8
W 9	10 25 7	8°13'45	9♑13	16°41	13°58	28° 3	18°46	28°54	8° 6	10°10	28° 9	28°29	27°14	8°27	n.a.	W 9
T 10	10 29 3	9°12'14	23°41	18°18	15° 9	28°46	18°48	28°52	8° 4	10°11	28°11	28°R30	27°11	8°34	n.a.	T 10
F 11	10 33 0	10°10'42	8♒13	19°56	16°20	29°29	18°49	28°50	8° 1	10°11	28°12	28°30	27° 8	8°41	n.a.	F 11
S 12	10 36 56	11° 9'07	22°45	21°36	17°31	0♑12	18°50	28°48	7°59	10°11	28°14	28°28	27° 5	8°47	n.a.	S 12
S 13	10 40 53	12° 7'31	7♓10	23°18	18°41	0°56	18°50	28°45	7°56	10°12	28°15	28°24	27° 2	8°54	n.a.	S 13
M14	10 44 49	13° 5'53	21°23	25° 1	19°52	1°39	18°51	28°43	7°54	10°12	28°17	28°18	26°59	9° 0	n.a.	M14
T 15	10 48 46	14° 4'12	5♈18	26°46	21° 2	2°22	18°51	28°41	7°51	10°12	28°18	28°10	26°55	9° 7	n.a.	T 15
W16	10 52 42	15° 2'30	18°51	28°33	22°13	3° 5	18°R51	28°38	7°49	10°13	28°19	28° 3	26°52	9°14	n.a.	W16
T 17	10 56 39	16° 0'45	2♉ 2	0♓21	23°23	3°49	18°51	28°35	7°46	10°13	28°21	27°55	26°49	9°20	n.a.	T 17
F 18	11 0 36	16°58'59	14°50	2°11	24°33	4°32	18°51	28°33	7°43	10°13	28°22	27°49	26°46	9°27	n.a.	F 18
S 19	11 4 32	17°57'10	27°17	4° 3	25°43	5°15	18°51	28°30	7°41	10°13	28°24	27°45	26°43	9°34	n.a.	S 19
S 20	11 8 29	18°55'19	9♊27	5°56	26°53	5°58	18°50	28°27	7°38	10°13	28°25	27°43	26°39	9°40	n.a.	S 20
M21	11 12 25	19°53'26	21°25	7°51	28° 3	6°41	18°50	28°24	7°36	10°13	28°26	27°D42	26°36	9°47	n.a.	M21
T 22	11 16 22	20°51'31	3♋16	9°48	29°13	7°24	18°49	28°21	7°33	10°13	28°28	27°43	26°33	9°54	n.a.	T 22
W23	11 20 18	21°49'34	15° 4	11°46	0♌22	8° 7	18°48	28°18	7°31	10°R13	28°29	27°44	26°30	10° 0	n.a.	W23
T 24	11 24 15	22°47'35	26°55	13°46	1°32	8°50	18°46	28°15	7°28	10°13	28°30	27°R45	26°27	10° 7	n.a.	T 24
F 25	11 28 11	23°45'34	8♎54	15°48	2°41	9°33	18°45	28°12	7°26	10°13	28°32	27°44	26°24	10°14	n.a.	F 25
S 26	11 32 8	24°43'31	21° 5	17°51	3°50	10°16	18°43	28° 9	7°24	10°13	28°33	27°41	26°20	10°20	n.a.	S 26
S 27	11 36 4	25°41'26	3♍31	19°56	4°59	10°59	18°41	28° 6	7°21	10°13	28°34	27°36	26°17	10°27	n.a.	S 27
M28	11 40 1	26°39'19	16°13	22° 1	6° 8	11°42	18°39	28° 2	7°19	10°13	28°36	27°29	26°14	10°34	n.a.	M28
T 29	11 43 58	27°37'11	29°13	24° 8	7°17	12°25	18°37	27°59	7°16	10°13	28°37	27°20	26°11	10°40	n.a.	T 29
W30	11 47 54	28°35'00	12♎29	26°17	8°26	13° 8	18°34	27°55	7°14	10°13	28°38	27°10	26° 8	10°47	n.a.	W30
T 31	11 51 51	29♓32'49	26♎ 0	28♓26	9♌35	13♑51	18♏32	27♎52	7♍12	10♐12	28♒40	26♑59	26♑ 5	10♋54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s30	0n15	4s 4	21s19	2s 0	2n 1	0n14	24s 8	0s32	16s50	0n49	9s 5	2n25	9n18	0n49	21s20	1n 0	27s53	16s39	20s44	20s58	25n23		n.a.
W 2	11 9	5s30	4 41	21 2	2 4	2 33	0 17	24 11	0 33	16 51	0 49	9 4	2 25	9 19	0 49	21 20	1 0	27 52	16 39	20 45	20 59	25 22		n.a.
T 3	10 48	11 6	5 4	20 44	2 8	3 5	0 21	24 15	0 34	16 51	0 49	9 4	2 25	9 20	0 49	21 20	1 0	27 51	16 39	20 46	20 59	25 20		n.a.
F 4	10 27	16 18	5 12	20 24	2 12	3 36	0 24	24 18	0 35	16 52	0 49	9 3	2 25	9 21	0 49	21 21	1 0	27 51	16 40	20 47	21 0	25 19		n.a.
S 5	10 5	20 46	5 2	20 3	2 15	4 8	0 27	24 21	0 37	16 53	0 49	9 2	2 26	9 22	0 49	21 21	1 0	27 50	16 40	20 48	21 1	25 18		n.a.
S 6	9 43	24 12	4 35	19 39	2 17	4 39	0 31	24 24	0 38	16 53	0 49	9 1	2 26	9 23	0 49	21 21	1 0	27 50	16 40	20 48	21 1	25 17		n.a.
M 7	9 21	26 14	3 51	19 15	2 19	5 11	0 34	24 26	0 39	16 54	0 49	9 1	2 26	9 24	0 49	21 21	1 0	27 49	16 40	20 48	21 2	25 15		n.a.
T 8	8 59	26 36	2 53	18 48	2 20	5 42	0 37	24 29	0 40	16 54	0 49	9 0	2 26	9 25	0 49	21 21	1 0	27 49	16 40	20 48	21 3	25 14		n.a.
W 9	8 37	25 13	1 43	18 20	2 21	6 13	0 41	24 31	0 42	16 54	0 49	8 59	2 26	9 26	0 49	21 21	1 0	27 48	16 40	20 48	21 3	25 13		n.a.
T 10	8 15	22 9	0 26	17 50	2 22	6 44	0 44	24 32	0 43	16 55	0 49	8 58	2 26	9 26	0 49	21 21	1 0	27 48	16 40	20 48	21 4	25 12		n.a.
F 11	7 52	17 40	0n53	17 18	2 21	7 15	0 47	24 34	0 44	16 55	0 49	8 57	2 27	9 27	0 49	21 21	1 0	27 48	16 40	20 48	21 4	25 10		n.a.
S 12	7 30	12 9	2 8	16 45	2 21	7 46	0 51	24 35	0 45	16 55	0 49	8 56	2 27	9 28	0 49	21 21	1 0	27 47	16 40	20 48	21 5	25 9		n.a.
S 13	7 7	6 2	3 14	16 10	2 19	8 16	0 54	24 36	0 47	16 55	0 49	8 55	2 27	9 29	0 49	21 21	1 0	27 47	16 40	20 49	21 6	25 8		n.a.
M14	6 45	0n18	4 7	15 33	2 18	8 46	0 57	24 37	0 48	16 56	0 49	8 54	2 27	9 30	0 49	21 21	1 0	27 46	16 40	20 50	21 6	25 6		n.a.
T 15	6 22	6 28	4 44	14 55	2 15	9 17	1 1	24 38	0 49	16 56	0 49	8 53	2 27	9 31	0 49	21 21	1 0	27 46	16 40	20 52	21 7	25 5		n.a.
W16	5 59	12 11	5 4	14 14	2 13	9 46	1 4	24 38	0 51	16 56	0 49	8 52	2 27	9 32	0 49	21 21	1 0	27 45	16 40	20 54	21 8	25 4		n.a.
T 17	5 36	17 10	5 7	13 32	2 9	10 16	1 7	24 39	0 52	16 56	0 49	8 51	2 27	9 33	0 49	21 21	1 0	27 45	16 40	20 55	21 8	25 2		n.a.
F 18	5 13	21 14	4 55	12 49	2 5	10 45	1 11	24 38	0 53	16 56	0 49	8 50	2 28	9 34	0 49	21 21	1 0	27 44	16 41	20 56	21 9	25 1		n.a.
S 19	4 50	24 13	4 28	12 3	2 1	11 15	1 14	24 38	0 55	16 55	0 49	8 49	2 28	9 35	0 49	21 21	1 0	27 44	16 41	20 57	21 9	25 0		n.a.
S 20	4 27	26 2	3 50	11 16	1 56	11 43	1 17	24 38	0 56	16 55	0 49	8 48	2 28	9 36	0 49	21 21	1 0	27 44	16 41	20 58	21 10	24 58		n.a.
M21	4 4	26 35	3 3	10 28	1 50	12 12	1 20	24 37	0 57	16 55	0 49	8 47	2 28	9 37	0 49	21 21	1 0	27 43	16 41	20 58	21 11	24 57		n.a.
T 22	3 41	25 55	2 8	9 37	1 44	12 40	1 24	24 36	0 59	16 55	0 49	8 46	2 28	9 38	0 49	21 21	1 0	27 43	16 41	20 58	21 11	24 56		n.a.
W23	3 18	24 5	1 8	8 46	1 38	13 8	1 27	24 35	1 0	16 54	0 49	8 44	2 28	9 39	0 49	21 21	1 0	27 42	16 41	20 57	21 12	24 54		n.a.
T 24	2 54	21 11	0 4	7 52	1 31	13 36	1 30	24 33	1 2	16 54	0 49	8 43	2 28	9 40	0 49	21 21	1 1	27 42	16 41	20 57	21 13	24 53		n.a.
F 25	2 31	17 22	1s 0	6 58	1 23	14 4	1 33	24 32	1 3	16 54	0 49	8 42	2 28	9 41	0 49	21 21	1 1	27 42	16 41	20 57	21 13	24 52		n.a.
S 26	2 8	12 47	2 2	6 1	1 15	14 31	1 36	24 30	1 4	16 53	0 49	8 41	2 29	9 42	0 49	21 21	1 1	27 41	16 42	20 58	21 14	24 50		n.a.
S 27	1 44	7 36	2 59	5 4	1 6	14 57	1 39	24 28	1 6	16 53	0 49	8 39	2 29	9 43	0 49	21 21	1 1	27 41	16 42	20 59	21 14	24 49		n.a.
M28	1 21	2 0	3 49	4 5	0 57	15 24	1 43	24 25	1 7	16 52	0 49	8 38	2 29	9 43	0 49	21 21	1 1	27 41	16 42	21 0	21 15	24 48		n.a.
T 29	0 58	3s47	4 28	3 6	0 48	15 50	1 46	24 23	1 9	16 51	0 49	8 37	2 29	9 44	0 49	21 21	1 1	27 40	16 42	21 2	21 16	24 46		n.a.
W30	0 34	9 30	4 54	2 5	0 38	16 15	1 49	24 20	1 10	16 51	0 49	8 35	2 29	9 45	0 49	21 21	1 1	27 40	16 42	21 4	21 16	24 45		n.a.
T 31	0s11	14s54	5s 4	1s 4	0s28	16n41	1n51	24s17	1s11	16s50	0n49	8s34	2n29	9n46	0n49	21s21	1n 1	27s40	16s42	21s 6	21s17	24n43		n.a.

Julian Day Number = 1306193.5, Delta T = 07h45m48s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'04, Lahiri = -19°39'04 Julian Calendar 1 March 1137 BCE == Greg. Calendar 19 Feb. 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

APRIL 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 55 47	0♈30'35	9♏43	0♈35	10♉43	14♑34	18°R29	27°R48	7°R10	10°R12	28♒41	26°R50	26♑ 1	11♋ 0	n.a.	F 1
S 2	11 59 44	1°28'21	23°35	2°45	11°52	15°16	18♏26	27♎44	7♍ 7	10♐12	28°42	26♑43	25°58	11° 7	n.a.	S 2
S 3	12 3 40	2°26'05	7♐34	4°56	13° 0	15°59	18°23	27°41	7° 5	10°11	28°43	26°38	25°55	11°14	n.a.	S 3
M 4	12 7 37	3°23'48	21°38	7° 6	14° 8	16°42	18°20	27°37	7° 3	10°11	28°45	26°36	25°52	11°20	n.a.	M 4
T 5	12 11 33	4°21'30	5♑44	9°16	15°16	17°25	18°16	27°33	7° 1	10°11	28°46	26°D36	25°49	11°27	n.a.	T 5
W 6	12 15 30	5°19'10	19°53	11°25	16°24	18° 7	18°13	27°29	6°58	10°10	28°47	26°R36	25°45	11°33	n.a.	W 6
T 7	12 19 27	6°16'49	4♒ 2	13°34	17°31	18°50	18° 9	27°25	6°56	10°10	28°48	26°36	25°42	11°40	n.a.	T 7
F 8	12 23 23	7°14'28	18°11	15°41	18°39	19°32	18° 5	27°21	6°54	10° 9	28°50	26°34	25°39	11°47	n.a.	F 8
S 9	12 27 20	8°12'04	2♓17	17°47	19°46	20°15	18° 1	27°17	6°52	10° 9	28°51	26°30	25°36	11°53	n.a.	S 9
S 10	12 31 16	9° 9'40	16°17	19°51	20°53	20°57	17°56	27°13	6°50	10° 8	28°52	26°23	25°33	12° 0	n.a.	S 10
M11	12 35 13	10° 7'14	0♈ 7	21°54	22° 0	21°40	17°52	27° 9	6°48	10° 8	28°53	26°14	25°30	12° 7	n.a.	M11
T 12	12 39 9	11° 4'48	13°44	23°54	23° 7	22°22	17°47	27° 5	6°46	10° 7	28°54	26° 3	25°26	12°13	n.a.	T 12
W13	12 43 6	12° 2'19	27° 4	25°52	24°14	23° 4	17°42	27° 1	6°44	10° 6	28°55	25°51	25°23	12°20	n.a.	W13
T 14	12 47 2	12°59'50	10♉ 6	27°47	25°20	23°46	17°37	26°57	6°42	10° 6	28°56	25°39	25°20	12°27	n.a.	T 14
F 15	12 50 59	13°57'19	22°48	29°40	26°27	24°29	17°32	26°53	6°40	10° 5	28°58	25°29	25°17	12°33	n.a.	F 15
S 16	12 54 56	14°54'47	5♊13	1♉31	27°33	25°11	17°27	26°49	6°38	10° 4	28°59	25°21	25°14	12°40	n.a.	S 16
S 17	12 58 52	15°52'13	17°22	3°18	28°39	25°53	17°22	26°44	6°37	10° 4	29° 0	25°16	25°10	12°47	n.a.	S 17
M18	13 2 49	16°49'38	29°19	5° 3	29°45	26°35	17°16	26°40	6°35	10° 3	29° 1	25°13	25° 7	12°53	n.a.	M18
T 19	13 6 45	17°47'02	11♋ 9	6°45	0♊50	27°17	17°11	26°36	6°33	10° 2	29° 2	25°12	25° 4	13° 0	n.a.	T 19
W20	13 10 42	18°44'24	22°58	8°23	1°56	27°58	17° 5	26°31	6°31	10° 1	29° 3	25°12	25° 1	13° 7	n.a.	W20
T 21	13 14 38	19°41'45	4♌50	9°59	3° 1	28°40	16°59	26°27	6°30	10° 0	29° 4	25°12	24°58	13°13	n.a.	T 21
F 22	13 18 35	20°39'05	16°51	11°32	4° 6	29°22	16°53	26°23	6°28	9°59	29° 5	25°10	24°55	13°20	n.a.	F 22
S 23	13 22 31	21°36'23	29° 7	13° 2	5°11	0♒ 3	16°47	26°18	6°27	9°59	29° 6	25° 7	24°51	13°26	n.a.	S 23
S 24	13 26 28	22°33'41	11♍40	14°29	6°15	0°45	16°40	26°14	6°25	9°58	29° 7	25° 1	24°48	13°33	n.a.	S 24
M25	13 30 25	23°30'57	24°34	15°52	7°20	1°26	16°34	26°10	6°24	9°57	29° 8	24°53	24°45	13°40	n.a.	M25
T 26	13 34 21	24°28'11	7♎50	17°13	8°24	2° 8	16°28	26° 5	6°22	9°56	29° 9	24°42	24°42	13°46	n.a.	T 26
W27	13 38 18	25°25'25	21°27	18°30	9°28	2°49	16°21	26° 1	6°21	9°55	29°10	24°30	24°39	13°53	n.a.	W27
T 28	13 42 14	26°22'39	5♏22	19°44	10°31	3°30	16°14	25°56	6°19	9°54	29°10	24°19	24°36	14° 0	n.a.	T 28
F 29	13 46 11	27°19'51	19°31	20°55	11°35	4°11	16° 8	25°52	6°18	9°53	29°11	24° 8	24°32	14° 6	n.a.	F 29
S 30	13 50 7	28♈17'03	3♐48	22♉ 2	12♊38	4♒52	16♏ 1	25♎48	6♍17	9♐51	29♒12	23♑59	24♑29	14♋13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n12	19s38	4s56	0s 2	0s18	17n 5	1n54	24s14	1s13	16s49	0n49	8s33	2n29	9n47	0n49	21s21	1n 1	27s39	16s43	21s 8	21s17	24n42		n.a.
S 2	0 36	23 21	4 31	1n 0	0 8	17 30	1 57	24 10	1 14	16 48	0 49	8 31	2 29	9 48	0 49	21 21	1 1	27 39	16 43	21 9	21 18	24 41		n.a.
S 3	0 59	25 43	3 50	2 2	0n 3	17 54	2 0	24 7	1 16	16 48	0 49	8 30	2 29	9 49	0 49	21 20	1 1	27 39	16 43	21 10	21 19	24 39		n.a.
M 4	1 22	26 28	2 55	3 4	0 14	18 17	2 3	24 3	1 17	16 47	0 49	8 29	2 29	9 49	0 49	21 20	1 1	27 39	16 43	21 11	21 19	24 38		n.a.
T 5	1 46	25 31	1 49	4 6	0 24	18 40	2 5	23 59	1 19	16 46	0 49	8 27	2 29	9 50	0 49	21 20	1 1	27 38	16 43	21 11	21 20	24 36		n.a.
W 6	2 9	22 55	0 36	5 7	0 35	19 3	2 8	23 54	1 20	16 45	0 49	8 26	2 30	9 51	0 49	21 20	1 1	27 38	16 44	21 11	21 20	24 35		n.a.
T 7	2 32	18 55	0n40	6 8	0 45	19 25	2 11	23 50	1 22	16 44	0 49	8 24	2 30	9 52	0 49	21 20	1 1	27 38	16 44	21 11	21 21	24 33		n.a.
F 8	2 55	13 51	1 52	7 7	0 55	19 47	2 13	23 45	1 23	16 42	0 49	8 23	2 30	9 53	0 49	21 20	1 1	27 38	16 44	21 11	21 22	24 32		n.a.
S 9	3 18	8 4	2 57	8 6	1 5	20 8	2 15	23 40	1 25	16 41	0 49	8 21	2 30	9 53	0 49	21 20	1 1	27 37	16 44	21 12	21 22	24 30		n.a.
S 10	3 41	1 57	3 51	9 2	1 15	20 29	2 18	23 35	1 26	16 40	0 49	8 20	2 30	9 54	0 49	21 20	1 1	27 37	16 45	21 13	21 23	24 29		n.a.
M11	4 4	4n11	4 31	9 58	1 24	20 49	2 20	23 30	1 28	16 39	0 49	8 18	2 30	9 55	0 49	21 20	1 1	27 37	16 45	21 15	21 23	24 27		n.a.
T 12	4 27	10 1	4 55	10 51	1 32	21 9	2 22	23 24	1 29	16 38	0 49	8 17	2 30	9 55	0 49	21 20	1 1	27 37	16 45	21 17	21 24	24 26		n.a.
W13	4 50	15 16	5 1	11 42	1 40	21 28	2 25	23 19	1 31	16 36	0 49	8 15	2 30	9 56	0 49	21 20	1 1	27 36	16 45	21 19	21 25	24 25		n.a.
T 14	5 13	19 41	4 52	12 32	1 48	21 47	2 27	23 13	1 32	16 35	0 49	8 14	2 30	9 57	0 49	21 19	1 1	27 36	16 46	21 22	21 25	24 23		n.a.
F 15	5 36	23 5	4 28	13 19	1 55	22 5	2 29	23 7	1 34	16 33	0 49	8 12	2 30	9 58	0 49	21 19	1 1	27 36	16 46	21 23	21 26	24 22		n.a.
S 16	5 58	25 19	3 52	14 5	2 1	22 22	2 30	23 0	1 35	16 32	0 49	8 10	2 30	9 58	0 49	21 19	1 1	27 36	16 46	21 25	21 26	24 20		n.a.
S 17	6 21	26 19	3 6	14 47	2 6	22 39	2 32	22 54	1 37	16 31	0 49	8 9	2 30	9 59	0 49	21 19	1 1	27 36	16 46	21 26	21 27	24 19		n.a.
M18	6 43	26 2	2 13	15 28	2 11	22 56	2 34	22 47	1 38	16 29	0 49	8 7	2 30	10 0	0 49	21 19	1 1	27 36	16 47	21 26	21 28	24 17		n.a.
T 19	7 5	24 35	1 14	16 7	2 15	23 12	2 36	22 40	1 40	16 27	0 49	8 6	2 30	10 0	0 49	21 19	1 1	27 35	16 47	21 27	21 28	24 15		n.a.
W20	7 28	22 2	0 12	16 43	2 19	23 27	2 37	22 33	1 41	16 26	0 49	8 4	2 30	10 1	0 49	21 19	1 1	27 35	16 47	21 27	21 29	24 14		n.a.
T 21	7 50	18 33	0s51	17 16	2 21	23 42	2 39	22 26	1 43	16 24	0 49	8 3	2 30	10 1	0 49	21 18	1 1	27 35	16 47	21 27	21 29	24 12		n.a.
F 22	8 12	14 16	1 52	17 48	2 23	23 56	2 40	22 19	1 44	16 22	0 49	8 1	2 30	10 2	0 48	21 18	1 1	27 35	16 48	21 27	21 30	24 11		n.a.
S 23	8 33	9 20	2 49	18 17	2 24	24 9	2 41	22 12	1 46	16 21	0 49	7 59	2 30	10 2	0 48	21 18	1 1	27 35	16 48	21 28	21 30	24 9		n.a.
S 24	8 55	3 55	3 40	18 44	2 24	24 22	2 42	22 4	1 47	16 19	0 49	7 58	2 30	10 3	0 48	21 18	1 1	27 35	16 48	21 29	21 31	24 8		n.a.
M25	9 17	1s47	4 20	19 9	2 24	24 34	2 43	21 56	1 49	16 17	0 49	7 56	2 30	10 4	0 48	21 18	1 1	27 35	16 49	21 30	21 32	24 6		n.a.
T 26	9 38	7 33	4 48	19 31	2 22	24 46	2 44	21 48	1 51	16 15	0 49	7 55	2 30	10 4	0 48	21 18	1 1	27 35	16 49	21 32	21 32	24 5		n.a.
W27	9 59	13 7	5 0	19 51	2 20	24 57	2 45	21 40	1 52	16 14	0 48	7 53	2 30	10 5	0 48	21 18	1 1	27 35	16 49	21 34	21 33	24 3		n.a.
T 28	10 20	18 9	4 55	20 9	2 17	25 8	2 46	21 32	1 54	16 12	0 48	7 52	2 30	10 5	0 48	21 17	1 1	27 35	16 49	21 36	21 33	24 2		n.a.
F 29	10 41	22 15	4 32	20 25	2 14	25 17	2 46	21 23	1 55	16 10	0 48	7 50	2 30	10 5	0 48	21 17	1 1	27 35	16 50	21 38	21 34	24 0		n.a.
S 30	11n 2	25s 3	3s52	20n39	2n 9	25n26	2n47	21s15	1s57	16s 8	0n48	7s48	2n30	10n 6	0n48	21s17	1n 1	27s35	16s50	21s40	21s34	23n58		n.a.

Julian Day Number = 1306224.5, Delta T = 07h45m47s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°46'00, Lahiri = -19°39'00 Julian Calendar 1 Apr. 1137 BCE == Greg. Calendar 21 March 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

MAY 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 4	29♈14'14	18♐ 9	23♉ 6	13♊41	5♒33	15°R54	25°R43	6°R16	9°R50	29♒13	23°R54	24♑26	14♋20	n.a.	S 1
M 2	13 58 0	0♉11'25	2♑28	24° 7	14°43	6°14	15♏47	25♎39	6♍14	9♐49	29°14	23♑51	24°23	14°26	n.a.	M 2
T 3	14 1 57	1° 8'35	16°43	25° 4	15°45	6°55	15°40	25°34	6°13	9°48	29°15	23°49	24°20	14°33	n.a.	T 3
W 4	14 5 54	2° 5'45	0♒52	25°57	16°47	7°36	15°32	25°30	6°12	9°47	29°15	23°49	24°16	14°40	n.a.	W 4
T 5	14 9 50	3° 2'55	14°54	26°47	17°49	8°16	15°25	25°26	6°11	9°46	29°16	23°49	24°13	14°46	n.a.	T 5
F 6	14 13 47	4° 0'04	28°47	27°33	18°51	8°57	15°18	25°21	6°10	9°44	29°17	23°47	24°10	14°53	n.a.	F 6
S 7	14 17 43	4°57'13	12♓33	28°15	19°52	9°37	15°10	25°17	6° 9	9°43	29°18	23°43	24° 7	15° 0	n.a.	S 7
S 8	14 21 40	5°54'22	26° 9	28°53	20°53	10°17	15° 3	25°13	6° 8	9°42	29°18	23°36	24° 4	15° 6	n.a.	S 8
M 9	14 25 36	6°51'30	9♈35	29°26	21°53	10°58	14°55	25° 9	6° 8	9°41	29°19	23°27	24° 1	15°13	n.a.	M 9
T 10	14 29 33	7°48'39	22°48	29°56	22°53	11°38	14°48	25° 4	6° 7	9°39	29°20	23°16	23°57	15°19	n.a.	T 10
W11	14 33 29	8°45'46	5♉48	0♊21	23°53	12°18	14°40	25° 0	6° 6	9°38	29°20	23° 4	23°54	15°26	n.a.	W11
T 12	14 37 26	9°42'54	18°34	0°42	24°52	12°57	14°33	24°56	6° 5	9°37	29°21	22°52	23°51	15°33	n.a.	T 12
F 13	14 41 23	10°40'01	1♊ 5	0°59	25°51	13°37	14°25	24°52	6° 5	9°35	29°22	22°41	23°48	15°39	n.a.	F 13
S 14	14 45 19	11°37'08	13°21	1°11	26°50	14°16	14°17	24°48	6° 4	9°34	29°22	22°33	23°45	15°46	n.a.	S 14
S 15	14 49 16	12°34'14	25°25	1°18	27°48	14°56	14°10	24°44	6° 4	9°33	29°23	22°28	23°42	15°53	n.a.	S 15
M16	14 53 12	13°31'20	7♋19	1°R21	28°46	15°35	14° 2	24°40	6° 3	9°31	29°23	22°24	23°38	15°59	n.a.	M16
T 17	14 57 9	14°28'25	19° 8	1°20	29°44	16°14	13°54	24°36	6° 3	9°30	29°24	22°D23	23°35	16° 6	n.a.	T 17
W18	15 1 5	15°25'30	0♌56	1°13	0♋41	16°53	13°47	24°32	6° 2	9°28	29°24	22°23	23°32	16°13	n.a.	W18
T 19	15 5 2	16°22'35	12°47	1° 3	1°37	17°32	13°39	24°28	6° 2	9°27	29°25	22°R24	23°29	16°19	n.a.	T 19
F 20	15 8 59	17°19'39	24°49	0°48	2°34	18°11	13°31	24°24	6° 2	9°25	29°25	22°24	23°26	16°26	n.a.	F 20
S 21	15 12 55	18°16'43	7♍ 5	0°29	3°29	18°49	13°24	24°20	6° 1	9°24	29°26	22°22	23°22	16°33	n.a.	S 21
S 22	15 16 52	19°13'46	19°40	0° 6	4°24	19°27	13°16	24°16	6° 1	9°22	29°26	22°18	23°19	16°39	n.a.	S 22
M23	15 20 48	20°10'49	2♎39	29♉40	5°19	20° 6	13° 9	24°12	6° 1	9°21	29°27	22°12	23°16	16°46	n.a.	M23
T 24	15 24 45	21° 7'52	16° 3	29°10	6°13	20°44	13° 1	24° 9	6° 1	9°19	29°27	22° 4	23°13	16°53	n.a.	T 24
W25	15 28 41	22° 4'55	29°53	28°38	7° 6	21°22	12°54	24° 5	6°D 1	9°18	29°27	21°55	23°10	16°59	n.a.	W25
T 26	15 32 38	23° 1'58	14♏ 5	28° 4	7°59	21°59	12°46	24° 2	6° 1	9°16	29°28	21°46	23° 7	17° 6	n.a.	T 26
F 27	15 36 34	23°59'01	28°35	27°28	8°52	22°37	12°39	23°58	6° 1	9°15	29°28	21°38	23° 3	17°12	n.a.	F 27
S 28	15 40 31	24°56'04	13♐16	26°51	9°43	23°14	12°31	23°55	6° 1	9°13	29°28	21°31	23° 0	17°19	n.a.	S 28
S 29	15 44 28	25°53'08	28° 1	26°14	10°34	23°51	12°24	23°51	6° 1	9°12	29°28	21°27	22°57	17°26	n.a.	S 29
M30	15 48 24	26°50'12	12♑42	25°37	11°25	24°28	12°17	23°48	6° 2	9°10	29°29	21°25	22°54	17°32	n.a.	M30
T 31	15 52 21	27♉47'17	27♑15	25♉ 1	12♋15	25♒ 5	12♏10	23♎45	6♍ 2	9♐ 9	29♒29	21°D24	22♑51	17♋39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n23	26s13	2s57	20n51	2n 4	25n35	2n47	21s 6	1s58	16s 6	0n48	7s47	2n30	10n 6	0n48	21s17	1n 1	27s35	16s50	21s41	21s35	23n57			n.a.
M 2	11 43	25 39	1 50	21 1	1 58	25 43	2 48	20 57	2 0	16 4	0 48	7 45	2 30	10 7	0 48	21 17	1 1	27 35	16 51	21 41	21 36	23 55			n.a.
T 3	12 4	23 23	0 38	21 8	1 51	25 50	2 48	20 48	2 2	16 2	0 48	7 44	2 29	10 7	0 48	21 16	1 1	27 34	16 51	21 42	21 36	23 54			n.a.
W 4	12 24	19 41	0n37	21 14	1 44	25 57	2 48	20 39	2 3	16 0	0 48	7 42	2 29	10 8	0 48	21 16	1 1	27 35	16 51	21 42	21 37	23 52			n.a.
T 5	12 44	14 54	1 49	21 18	1 35	26 3	2 47	20 30	2 5	15 58	0 48	7 41	2 29	10 8	0 48	21 16	1 1	27 35	16 52	21 42	21 37	23 50			n.a.
F 6	13 4	9 22	2 54	21 20	1 26	26 8	2 47	20 21	2 6	15 56	0 48	7 39	2 29	10 8	0 48	21 16	1 1	27 35	16 52	21 42	21 38	23 49			n.a.
S 7	13 23	3 28	3 48	21 20	1 16	26 12	2 47	20 11	2 8	15 54	0 48	7 38	2 29	10 9	0 48	21 16	1 1	27 35	16 52	21 43	21 38	23 47			n.a.
S 8	13 42	2n32	4 28	21 18	1 6	26 16	2 46	20 2	2 10	15 52	0 47	7 36	2 29	10 9	0 48	21 16	1 1	27 35	16 53	21 44	21 39	23 45			n.a.
M 9	14 2	8 19	4 53	21 15	0 54	26 20	2 46	19 52	2 11	15 49	0 47	7 35	2 29	10 9	0 48	21 15	1 1	27 35	16 53	21 45	21 40	23 44			n.a.
T 10	14 20	13 39	5 1	21 9	0 42	26 23	2 45	19 42	2 13	15 47	0 47	7 33	2 29	10 9	0 48	21 15	1 1	27 35	16 53	21 47	21 40	23 42			n.a.
W11	14 39	18 17	4 54	21 2	0 29	26 25	2 44	19 32	2 14	15 45	0 47	7 32	2 29	10 10	0 48	21 15	1 1	27 35	16 54	21 49	21 41	23 41			n.a.
T 12	14 58	21 59	4 32	20 54	0 16	26 26	2 42	19 22	2 16	15 43	0 47	7 30	2 29	10 10	0 48	21 15	1 1	27 35	16 54	21 51	21 41	23 39			n.a.
F 13	15 16	24 34	3 57	20 43	0 2	26 27	2 41	19 12	2 18	15 41	0 47	7 29	2 29	10 10	0 48	21 15	1 1	27 35	16 54	21 53	21 42	23 37			n.a.
S 14	15 34	25 57	3 12	20 32	0s12	26 27	2 40	19 2	2 19	15 39	0 47	7 28	2 28	10 10	0 48	21 14	1 1	27 35	16 55	21 55	21 42	23 36			n.a.
S 15	15 52	26 3	2 18	20 19	0 27	26 27	2 38	18 52	2 21	15 37	0 47	7 26	2 28	10 10	0 48	21 14	1 1	27 35	16 55	21 56	21 43	23 34			n.a.
M16	16 9	24 57	1 19	20 4	0 43	26 26	2 36	18 41	2 22	15 34	0 46	7 25	2 28	10 10	0 48	21 14	1 1	27 35	16 55	21 56	21 43	23 32			n.a.
T 17	16 27	22 44	0 17	19 48	0 59	26 24	2 34	18 31	2 24	15 32	0 46	7 23	2 28	10 11	0 48	21 14	1 1	27 35	16 56	21 56	21 44	23 31			n.a.
W18	16 44	19 32	0s45	19 31	1 15	26 22	2 32	18 20	2 26	15 30	0 46	7 22	2 28	10 11	0 47	21 13	1 1	27 36	16 56	21 56	21 45	23 29			n.a.
T 19	17 0	15 33	1 47	19 13	1 31	26 19	2 30	18 10	2 27	15 28	0 46	7 21	2 28	10 11	0 47	21 13	1 1	27 36	16 56	21 56	21 45	23 27			n.a.
F 20	17 17	10 53	2 44	18 54	1 47	26 16	2 27	17 59	2 29	15 26	0 46	7 19	2 28	10 11	0 47	21 13	1 1	27 36	16 57	21 56	21 46	23 25			n.a.
S 21	17 33	5 44	3 35	18 34	2 3	26 12	2 25	17 49	2 31	15 23	0 46	7 18	2 27	10 11	0 47	21 13	1 1	27 36	16 57	21 56	21 46	23 24			n.a.
S 22	17 49	0 13	4 17	18 14	2 19	26 7	2 22	17 38	2 32	15 21	0 46	7 17	2 27	10 11	0 47	21 13	1 1	27 36	16 58	21 57	21 47	23 22			n.a.
M23	18 5	5s27	4 47	17 53	2 35	26 2	2 19	17 27	2 34	15 19	0 45	7 16	2 27	10 11	0 47	21 12	1 1	27 36	16 58	21 58	21 47	23 20			n.a.
T 24	18 20	11 4	5 3	17 32	2 50	25 57	2 16	17 16	2 36	15 17	0 45	7 14	2 27	10 11	0 47	21 12	1 1	27 37	16 58	21 59	21 48	23 19			n.a.
W25	18 35	16 18	5 2	17 11	3 4	25 50	2 12	17 5	2 37	15 15	0 45	7 13	2 27	10 11	0 47	21 12	1 1	27 37	16 59	22 1	21 48	23 17			n.a.
T 26	18 50	20 48	4 42	16 50	3 18	25 44	2 9	16 54	2 39	15 13	0 45	7 12	2 27	10 11	0 47	21 12	1 1	27 37	16 59	22 2	21 49	23 15			n.a.
F 27	19 4	24 8	4 4	16 30	3 31	25 36	2 5	16 43	2 40	15 11	0 45	7 11	2 26	10 11	0 47	21 11	1 1	27 37	16 59	22 4	21 49	23 13			n.a.
S 28	19 19	25 54	3 10	16 10	3 42	25 29	2 1	16 32	2 42	15 9	0 45	7 10	2 26	10 11	0 47	21 11	1 1	27 37	17 0	22 5	21 50	23 12			n.a.
S 29	19 33	25 51	2 2	15 52	3 52	25 21	1 57	16 21	2 44	15 6	0 44	7 9	2 26	10 11	0 47	21 11	1 1	27 38	17 0	22 5	21 51	23 10			n.a.
M30	19 46	23 59	0 47	15 34	4 1	25 12	1 52	16 10	2 45	15 4	0 44	7 8	2 26	10 10	0 47	21 11	1 1	27 38	17 1	22 6	21 51	23 8			n.a.
T 31	19n59	20s32	0n31	15n18	4s 9	25n 3	1n48	15s59	2s47	15s 2	0n44	7s 7	2n26	10n10	0n47	21s10	1n 1	27s38	17s 1	22s 6	21s52	23n 6			n.a.

Julian Day Number = 1306254.5, Delta T = 07h45m45s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'56, Lahiri = -19°38'55 Julian Calendar 1 May 1137 BCE == Greg. Calendar 20 Apr. 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

JUNE 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 56 17	28♉44'22	11♒34	24°R26	13♋ 4	25♒42	12°R 3	23°R41	6♍ 2	9°R 7	29♒29	21♑25	22♑47	17♋46	n.a.	W 1
T 2	16 0 14	29°41'27	25°39	23♉54	13°52	26°18	11♏56	23♎38	6° 3	9♐ 5	29°29	21°R26	22°44	17°52	n.a.	T 2
F 3	16 4 10	0♊38'33	9♓29	23°24	14°39	26°55	11°49	23°35	6° 3	9° 4	29°29	21°26	22°41	17°59	n.a.	F 3
S 4	16 8 7	1°35'40	23° 3	22°57	15°26	27°31	11°42	23°32	6° 4	9° 2	29°30	21°24	22°38	18° 6	n.a.	S 4
S 5	16 12 4	2°32'48	6♈23	22°34	16°12	28° 6	11°35	23°29	6° 4	9° 1	29°30	21°20	22°35	18°12	n.a.	S 5
M 6	16 16 0	3°29'56	19°29	22°16	16°57	28°42	11°28	23°26	6° 5	8°59	29°30	21°14	22°32	18°19	n.a.	M 6
T 7	16 19 57	4°27'05	2♉22	22° 2	17°41	29°17	11°22	23°24	6° 6	8°57	29°30	21° 6	22°28	18°26	n.a.	T 7
W 8	16 23 53	5°24'15	15° 2	21°52	18°25	29°53	11°16	23°21	6° 6	8°56	29°30	20°58	22°25	18°32	n.a.	W 8
T 9	16 27 50	6°21'25	27°29	21°D48	19° 7	0♓27	11° 9	23°18	6° 7	8°54	29°30	20°50	22°22	18°39	n.a.	T 9
F 10	16 31 46	7°18'36	9♊45	21°49	19°48	1° 2	11° 3	23°16	6° 8	8°53	29°R30	20°43	22°19	18°46	n.a.	F 10
S 11	16 35 43	8°15'48	21°51	21°56	20°29	1°36	10°57	23°13	6° 9	8°51	29°30	20°38	22°16	18°52	n.a.	S 11
S 12	16 39 39	9°13'00	3♋48	22° 8	21° 8	2°11	10°51	23°11	6°10	8°49	29°30	20°35	22°13	18°59	n.a.	S 12
M13	16 43 36	10°10'13	15°38	22°26	21°46	2°44	10°45	23° 9	6°11	8°48	29°30	20°D33	22° 9	19° 5	n.a.	M13
T 14	16 47 33	11° 7'27	27°25	22°50	22°23	3°18	10°39	23° 6	6°12	8°46	29°30	20°33	22° 6	19°12	n.a.	T 14
W15	16 51 29	12° 4'41	9♌12	23°19	22°59	3°51	10°34	23° 4	6°13	8°44	29°30	20°34	22° 3	19°19	n.a.	W15
T 16	16 55 26	13° 1'55	21° 3	23°54	23°33	4°24	10°28	23° 2	6°14	8°43	29°30	20°36	22° 0	19°25	n.a.	T 16
F 17	16 59 22	13°59'11	3♍ 4	24°35	24° 7	4°57	10°23	23° 0	6°15	8°41	29°29	20°37	21°57	19°32	n.a.	F 17
S 18	17 3 19	14°56'26	15°19	25°22	24°39	5°30	10°18	22°58	6°16	8°40	29°29	20°R38	21°53	19°39	n.a.	S 18
S 19	17 7 15	15°53'43	27°52	26°14	25° 9	6° 2	10°13	22°56	6°18	8°38	29°29	20°37	21°50	19°45	n.a.	S 19
M20	17 11 12	16°51'00	10♎50	27°12	25°38	6°34	10° 8	22°55	6°19	8°36	29°29	20°35	21°47	19°52	n.a.	M20
T 21	17 15 8	17°48'17	24°13	28°15	26° 6	7° 5	10° 3	22°53	6°20	8°35	29°29	20°32	21°44	19°59	n.a.	T 21
W22	17 19 5	18°45'36	8♏ 4	29°23	26°32	7°37	9°59	22°52	6°22	8°33	29°28	20°27	21°41	20° 5	n.a.	W22
T 23	17 23 2	19°42'55	22°22	0♊37	26°56	8° 7	9°55	22°50	6°23	8°32	29°28	20°23	21°38	20°12	n.a.	T 23
F 24	17 26 58	20°40'15	7♐ 1	1°56	27°18	8°38	9°50	22°49	6°25	8°30	29°28	20°19	21°34	20°19	n.a.	F 24
S 25	17 30 55	21°37'37	21°57	3°19	27°39	9° 8	9°46	22°47	6°26	8°29	29°27	20°16	21°31	20°25	n.a.	S 25
S 26	17 34 51	22°34'59	7♑ 1	4°47	27°58	9°38	9°42	22°46	6°28	8°27	29°27	20°14	21°28	20°32	n.a.	S 26
M27	17 38 48	23°32'23	22° 3	6°20	28°16	10° 8	9°39	22°45	6°30	8°25	29°27	20°D13	21°25	20°39	n.a.	M27
T 28	17 42 44	24°29'48	6♒55	7°57	28°31	10°37	9°35	22°44	6°31	8°24	29°26	20°14	21°22	20°45	n.a.	T 28
W29	17 46 41	25°27'14	21°32	9°39	28°44	11° 6	9°32	22°43	6°33	8°22	29°26	20°15	21°19	20°52	n.a.	W29
T 30	17 50 38	26♊24'41	5♓49	11♊23	28♋56	11♓34	9♏29	22♎42	6♍35	8♐21	29♒26	20♑17	21♑15	20♋58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n12	15s54	1n46	15n 4	4s15	24n53	1n43	15s48	2s49	15s 0	0n44	7s 6	2n26	10n10	0n47	21s10	1n 1	27s38	17s 1	22s 6	21s52	23n 5		n.a.
T 2	20 25	10 27	2 54	14 52	4 20	24 43	1 38	15 37	2 50	14 58	0 44	7 5	2 25	10 10	0 47	21 10	1 1	27 39	17 2	22 6	21 53	23 3		n.a.
F 3	20 37	4 36	3 49	14 41	4 23	24 33	1 33	15 26	2 52	14 56	0 43	7 4	2 25	10 10	0 47	21 10	1 1	27 39	17 2	22 6	21 53	23 1		n.a.
S 4	20 49	1n20	4 31	14 33	4 24	24 22	1 27	15 14	2 53	14 54	0 43	7 3	2 25	10 9	0 47	21 9	1 1	27 39	17 2	22 6	21 54	22 59		n.a.
S 5	21 1	7 7	4 58	14 27	4 24	24 11	1 21	15 3	2 55	14 53	0 43	7 2	2 25	10 9	0 47	21 9	1 1	27 40	17 3	22 7	21 54	22 58		n.a.
M 6	21 12	12 28	5 8	14 24	4 23	23 59	1 15	14 52	2 57	14 51	0 43	7 1	2 25	10 9	0 47	21 9	1 1	27 40	17 3	22 7	21 55	22 56		n.a.
T 7	21 23	17 12	5 2	14 23	4 20	23 47	1 9	14 41	2 58	14 49	0 43	7 0	2 24	10 9	0 47	21 9	1 1	27 40	17 3	22 9	21 55	22 54		n.a.
W 8	21 33	21 5	4 41	14 25	4 16	23 35	1 3	14 30	3 0	14 47	0 42	6 59	2 24	10 8	0 47	21 8	1 1	27 41	17 4	22 10	21 56	22 52		n.a.
T 9	21 43	23 56	4 8	14 29	4 11	23 22	0 56	14 19	3 2	14 45	0 42	6 58	2 24	10 8	0 47	21 8	1 1	27 41	17 4	22 11	21 56	22 50		n.a.
F 10	21 53	25 37	3 23	14 36	4 4	23 9	0 49	14 8	3 3	14 43	0 42	6 58	2 24	10 8	0 46	21 8	1 1	27 41	17 5	22 12	21 57	22 49		n.a.
S 11	22 3	26 4	2 29	14 45	3 56	22 56	0 42	13 57	3 5	14 42	0 42	6 57	2 23	10 7	0 46	21 8	1 1	27 42	17 5	22 13	21 57	22 47		n.a.
S 12	22 12	25 16	1 30	14 56	3 47	22 42	0 35	13 46	3 7	14 40	0 42	6 56	2 23	10 7	0 46	21 8	1 1	27 42	17 5	22 14	21 58	22 45		n.a.
M13	22 20	23 20	0 27	15 10	3 38	22 29	0 27	13 35	3 8	14 38	0 41	6 56	2 23	10 6	0 46	21 7	1 1	27 42	17 6	22 14	21 59	22 43		n.a.
T 14	22 29	20 25	0s37	15 26	3 27	22 15	0 19	13 24	3 10	14 37	0 41	6 55	2 23	10 6	0 46	21 7	1 1	27 43	17 6	22 14	21 59	22 41		n.a.
W15	22 36	16 39	1 40	15 45	3 16	22 1	0 11	13 13	3 11	14 35	0 41	6 54	2 23	10 6	0 46	21 7	1 1	27 43	17 6	22 14	22 0	22 39		n.a.
T 16	22 44	12 13	2 39	16 5	3 4	21 46	0 2	13 2	3 13	14 34	0 41	6 54	2 22	10 5	0 46	21 7	1 1	27 43	17 7	22 13	22 0	22 38		n.a.
F 17	22 51	7 16	3 31	16 27	2 52	21 32	0s 7	12 52	3 15	14 32	0 40	6 53	2 22	10 5	0 46	21 6	1 1	27 44	17 7	22 13	22 1	22 36		n.a.
S 18	22 58	1 58	4 15	16 51	2 39	21 17	0 16	12 41	3 16	14 31	0 40	6 53	2 22	10 4	0 46	21 6	1 1	27 44	17 8	22 13	22 1	22 34		n.a.
S 19	23 4	3s32	4 49	17 16	2 26	21 2	0 25	12 30	3 18	14 29	0 40	6 52	2 22	10 4	0 46	21 6	1 1	27 45	17 8	22 13	22 2	22 32		n.a.
M20	23 10	9 4	5 8	17 43	2 12	20 48	0 35	12 20	3 20	14 28	0 40	6 52	2 21	10 3	0 46	21 6	1 1	27 45	17 8	22 13	22 2	22 30		n.a.
T 21	23 16	14 21	5 12	18 11	1 58	20 33	0 45	12 9	3 21	14 27	0 40	6 52	2 21	10 3	0 46	21 5	1 1	27 45	17 9	22 14	22 3	22 28		n.a.
W22	23 21	19 7	4 58	18 39	1 44	20 18	0 55	11 59	3 23	14 26	0 39	6 51	2 21	10 2	0 46	21 5	1 1	27 46	17 9	22 15	22 3	22 27		n.a.
T 23	23 25	22 56	4 26	19 9	1 30	20 3	1 5	11 49	3 24	14 24	0 39	6 51	2 21	10 1	0 46	21 5	1 1	27 46	17 9	22 15	22 4	22 25		n.a.
F 24	23 30	25 22	3 35	19 39	1 16	19 48	1 16	11 38	3 26	14 23	0 39	6 51	2 20	10 1	0 46	21 5	1 1	27 47	17 10	22 16	22 4	22 23		n.a.
S 25	23 34	26 4	2 29	20 9	1 2	19 33	1 27	11 28	3 28	14 22	0 39	6 50	2 20	10 0	0 46	21 4	1 1	27 47	17 10	22 16	22 5	22 21		n.a.
S 26	23 37	24 50	1 12	20 39	0 48	19 18	1 39	11 18	3 29	14 21	0 38	6 50	2 20	9 59	0 46	21 4	1 1	27 48	17 10	22 17	22 5	22 19		n.a.
M27	23 40	21 50	0n10	21 9	0 35	19 3	1 50	11 8	3 31	14 20	0 38	6 50	2 20	9 59	0 46	21 4	1 1	27 48	17 11	22 17	22 6	22 17		n.a.
T 28	23 43	17 23	1 31	21 39	0 21	18 48	2 2	10 58	3 32	14 19	0 38	6 50	2 19	9 58	0 46	21 4	1 1	27 49	17 11	22 17	22 6	22 15		n.a.
W29	23 45	11 58	2 44	22 7	0 8	18 34	2 14	10 49	3 34	14 18	0 38	6 50	2 19	9 57	0 46	21 4	1 1	27 49	17 11	22 16	22 7	22 13		n.a.
T 30	23n47	6s 2	3n45	22n35	0n 4	18n19	2s27	10s39	3s36	14s18	0n37	6s50	2n19	9n57	0n46	21s 3	1n 1	27s49	17s12	22s16	22s 7	22n11		n.a.

Julian Day Number = 1306285.5, Delta T = 07h45m43s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'52, Lahiri = -19°38'51 Julian Calendar 1 June 1137 BCE == Greg. Calendar 21 May 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

JULY 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 54 34	27♊22'11	19♓45	13♊11	29♋ 5	12♓ 3	9°R26	22°R42	6♍37	8°R19	29°R25	20♑18	21♑12	21♋ 5	n.a.	F 1
S 2	17 58 31	28°19'41	3♈18	15° 3	29°12	12°30	9♏23	22♎41	6°39	8♐18	29♒25	20°R18	21° 9	21°12	n.a.	S 2
S 3	18 2 27	29°17'14	16°31	16°56	29°17	12°58	9°20	22°41	6°41	8°16	29°24	20°17	21° 6	21°18	n.a.	S 3
M 4	18 6 24	0♋14'48	29°25	18°52	29°20	13°24	9°17	22°40	6°43	8°15	29°24	20°15	21° 3	21°25	n.a.	M 4
T 5	18 10 20	1°12'23	12♉ 3	20°50	29°R20	13°51	9°15	22°40	6°45	8°13	29°23	20°13	20°59	21°32	n.a.	T 5
W 6	18 14 17	2°10'01	24°27	22°49	29°18	14°17	9°13	22°40	6°47	8°12	29°23	20°10	20°56	21°38	n.a.	W 6
T 7	18 18 13	3° 7'40	6♊40	24°50	29°14	14°42	9°11	22°39	6°49	8°10	29°22	20° 7	20°53	21°45	n.a.	T 7
F 8	18 22 10	4° 5'20	18°43	26°51	29° 7	15° 7	9° 9	22°D39	6°51	8° 9	29°22	20° 5	20°50	21°52	n.a.	F 8
S 9	18 26 7	5° 3'02	0♋39	28°53	28°59	15°32	9° 8	22°39	6°53	8° 8	29°21	20° 3	20°47	21°58	n.a.	S 9
S 10	18 30 3	6° 0'46	12°29	0♋55	28°47	15°56	9° 6	22°40	6°56	8° 6	29°20	20° 3	20°44	22° 5	n.a.	S 10
M11	18 34 0	6°58'31	24°17	2°57	28°34	16°20	9° 5	22°40	6°58	8° 5	29°20	20°D 2	20°40	22°12	n.a.	M11
T 12	18 37 56	7°56'17	6♌ 3	4°58	28°18	16°43	9° 4	22°40	7° 0	8° 3	29°19	20° 3	20°37	22°18	n.a.	T 12
W13	18 41 53	8°54'05	17°52	7° 0	27°59	17° 6	9° 3	22°41	7° 3	8° 2	29°18	20° 4	20°34	22°25	n.a.	W13
T 14	18 45 49	9°51'55	29°46	9° 0	27°39	17°28	9° 3	22°41	7° 5	8° 1	29°18	20° 5	20°31	22°32	n.a.	T 14
F 15	18 49 46	10°49'45	11♍48	10°59	27°16	17°49	9° 2	22°42	7° 8	8° 0	29°17	20° 6	20°28	22°38	n.a.	F 15
S 16	18 53 42	11°47'37	24° 4	12°58	26°52	18°10	9° 2	22°42	7°10	7°58	29°16	20° 7	20°25	22°45	n.a.	S 16
S 17	18 57 39	12°45'31	6♎36	14°56	26°25	18°31	9°D 2	22°43	7°13	7°57	29°15	20° 7	20°21	22°51	n.a.	S 17
M18	19 1 36	13°43'26	19°29	16°52	25°56	18°50	9° 2	22°44	7°15	7°56	29°15	20°R 7	20°18	22°58	n.a.	M18
T 19	19 5 32	14°41'22	2♏46	18°48	25°26	19°10	9° 2	22°45	7°18	7°55	29°14	20° 7	20°15	23° 5	n.a.	T 19
W20	19 9 29	15°39'20	16°30	20°42	24°54	19°28	9° 3	22°46	7°21	7°53	29°13	20° 6	20°12	23°11	n.a.	W20
T 21	19 13 25	16°37'20	0♐40	22°35	24°21	19°46	9° 4	22°47	7°23	7°52	29°12	20° 6	20° 9	23°18	n.a.	T 21
F 22	19 17 22	17°35'21	15°16	24°26	23°47	20° 4	9° 4	22°49	7°26	7°51	29°12	20° 6	20° 5	23°25	n.a.	F 22
S 23	19 21 18	18°33'24	0♑11	26°17	23°11	20°21	9° 6	22°50	7°29	7°50	29°11	20° 5	20° 2	23°31	n.a.	S 23
S 24	19 25 15	19°31'28	15°20	28° 6	22°35	20°37	9° 7	22°52	7°32	7°49	29°10	20°D 5	19°59	23°38	n.a.	S 24
M25	19 29 11	20°29'34	0♒33	29°54	21°58	20°53	9° 8	22°53	7°34	7°48	29° 9	20°R 5	19°56	23°45	n.a.	M25
T 26	19 33 8	21°27'42	15°41	1♌41	21°21	21° 7	9°10	22°55	7°37	7°47	29° 8	20° 5	19°53	23°51	n.a.	T 26
W27	19 37 5	22°25'52	0♓34	3°26	20°45	21°22	9°12	22°57	7°40	7°46	29° 7	20° 5	19°50	23°58	n.a.	W27
T 28	19 41 1	23°24'04	15° 6	5°10	20° 8	21°35	9°14	22°58	7°43	7°45	29° 6	20° 5	19°46	24° 5	n.a.	T 28
F 29	19 44 58	24°22'19	29°12	6°53	19°32	21°48	9°16	23° 0	7°46	7°44	29° 5	20° 4	19°43	24°11	n.a.	F 29
S 30	19 48 54	25°20'35	12♈53	8°35	18°56	22° 0	9°18	23° 2	7°49	7°43	29° 4	20° 4	19°40	24°18	n.a.	S 30
S 31	19 52 51	26♋18'54	26♈ 7	10♌16	18♋21	22♓11	9♏21	23♎ 5	7♍52	7♐42	29♒ 3	20°D 4	19♑37	24♋24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	0n 2	4n32	23n 1	0n16	18n 5	2s39	10s29	3s37	14s17	0n37	6s50	2n19	9n56	0n46	21s 3	1n 1	27s50	17s12	22s16	22s 8	22n 9		n.a.
S 2	23 49	5 56	5 2	23 26	0 27	17 51	2 52	10 20	3 39	14 16	0 37	6 50	2 18	9 55	0 46	21 3	1 1	27 50	17 12	22 16	22 8	22 8		n.a.
S 3	23 50	11 25	5 15	23 48	0 38	17 37	3 5	10 11	3 40	14 15	0 37	6 50	2 18	9 54	0 45	21 3	1 1	27 51	17 13	22 16	22 9	22 6		n.a.
M 4	23 50	16 17	5 11	24 9	0 48	17 24	3 18	10 2	3 42	14 15	0 37	6 50	2 18	9 54	0 45	21 2	1 1	27 51	17 13	22 17	22 9	22 4		n.a.
T 5	23 50	20 20	4 53	24 27	0 57	17 10	3 32	9 53	3 43	14 14	0 36	6 50	2 18	9 53	0 45	21 2	1 1	27 52	17 13	22 17	22 10	22 2		n.a.
W 6	23 49	23 24	4 21	24 43	1 5	16 58	3 45	9 44	3 45	14 14	0 36	6 50	2 17	9 52	0 45	21 2	1 1	27 52	17 14	22 17	22 10	22 0		n.a.
T 7	23 48	25 21	3 38	24 57	1 13	16 45	3 59	9 35	3 47	14 14	0 36	6 50	2 17	9 51	0 45	21 2	1 1	27 53	17 14	22 18	22 11	21 58		n.a.
F 8	23 46	26 5	2 45	25 8	1 20	16 33	4 13	9 27	3 48	14 13	0 36	6 50	2 17	9 50	0 45	21 2	1 1	27 53	17 14	22 18	22 11	21 56		n.a.
S 9	23 44	25 35	1 45	25 16	1 26	16 21	4 26	9 19	3 50	14 13	0 35	6 51	2 17	9 49	0 45	21 1	1 1	27 54	17 15	22 18	22 12	21 54		n.a.
S 10	23 41	23 56	0 42	25 21	1 31	16 10	4 40	9 10	3 51	14 13	0 35	6 51	2 16	9 49	0 45	21 1	1 1	27 54	17 15	22 18	22 12	21 52		n.a.
M11	23 39	21 14	0s23	25 24	1 36	15 59	4 54	9 2	3 53	14 12	0 35	6 51	2 16	9 48	0 45	21 1	1 1	27 55	17 15	22 18	22 13	21 50		n.a.
T 12	23 35	17 39	1 28	25 24	1 40	15 49	5 8	8 55	3 54	14 12	0 35	6 52	2 16	9 47	0 45	21 1	1 1	27 55	17 16	22 18	22 13	21 48		n.a.
W13	23 32	13 23	2 28	25 21	1 43	15 39	5 22	8 47	3 56	14 12	0 34	6 52	2 16	9 46	0 45	21 1	1 1	27 56	17 16	22 18	22 14	21 46		n.a.
T 14	23 27	8 34	3 23	25 16	1 45	15 30	5 35	8 40	3 57	14 12	0 34	6 53	2 15	9 45	0 45	21 0	1 1	27 57	17 16	22 18	22 14	21 44		n.a.
F 15	23 23	3 25	4 10	25 8	1 47	15 21	5 48	8 32	3 59	14 12	0 34	6 53	2 15	9 44	0 45	21 0	1 0	27 57	17 16	22 18	22 15	21 42		n.a.
S 16	23 18	1s58	4 46	24 58	1 48	15 13	6 1	8 25	4 0	14 13	0 34	6 54	2 15	9 43	0 45	21 0	1 0	27 58	17 17	22 18	22 15	21 40		n.a.
S 17	23 12	7 22	5 9	24 46	1 48	15 6	6 14	8 19	4 2	14 13	0 33	6 54	2 14	9 42	0 45	21 0	1 0	27 58	17 17	22 18	22 16	21 38		n.a.
M18	23 7	12 38	5 18	24 31	1 48	14 59	6 26	8 12	4 3	14 13	0 33	6 55	2 14	9 41	0 45	21 0	1 0	27 59	17 17	22 18	22 16	21 36		n.a.
T 19	23 0	17 28	5 10	24 15	1 47	14 53	6 38	8 6	4 4	14 13	0 33	6 55	2 14	9 40	0 45	21 0	1 0	27 59	17 18	22 18	22 17	21 34		n.a.
W20	22 54	21 35	4 45	23 56	1 45	14 47	6 49	7 59	4 6	14 14	0 33	6 56	2 14	9 39	0 45	20 59	1 0	28 0	17 18	22 18	22 17	21 32		n.a.
T 21	22 47	24 34	4 2	23 36	1 43	14 43	7 0	7 53	4 7	14 14	0 33	6 57	2 13	9 38	0 45	20 59	1 0	28 0	17 18	22 18	22 18	21 30		n.a.
F 22	22 39	26 1	3 2	23 14	1 41	14 38	7 10	7 48	4 9	14 15	0 32	6 57	2 13	9 37	0 45	20 59	1 0	28 1	17 18	22 18	22 18	21 28		n.a.
S 23	22 31	25 38	1 48	22 51	1 38	14 35	7 19	7 42	4 10	14 15	0 32	6 58	2 13	9 36	0 45	20 59	1 0	28 1	17 19	22 18	22 18	21 26		n.a.
S 24	22 23	23 22	0 26	22 26	1 35	14 32	7 28	7 37	4 11	14 16	0 32	6 59	2 13	9 34	0 45	20 59	1 0	28 2	17 19	22 18	22 19	21 24		n.a.
M25	22 14	19 25	0n58	21 59	1 31	14 30	7 36	7 32	4 13	14 17	0 32	7 0	2 12	9 33	0 45	20 59	1 0	28 2	17 19	22 18	22 19	21 22		n.a.
T 26	22 5	14 13	2 18	21 31	1 27	14 29	7 43	7 27	4 14	14 17	0 31	7 1	2 12	9 32	0 45	20 59	1 0	28 3	17 19	22 18	22 20	21 20		n.a.
W27	21 56	8 14	3 27	21 2	1 22	14 28	7 49	7 22	4 15	14 18	0 31	7 2	2 12	9 31	0 45	20 58	1 0	28 4	17 20	22 18	22 20	21 18		n.a.
T 28	21 46	1 58	4 21	20 32	1 18	14 28	7 55	7 18	4 16	14 19	0 31	7 2	2 12	9 30	0 45	20 58	1 0	28 4	17 20	22 18	22 21	21 16		n.a.
F 29	21 36	4n13	4 57	20 1	1 13	14 29	7 59	7 14	4 18	14 20	0 31	7 3	2 11	9 29	0 45	20 58	1 0	28 5	17 20	22 18	22 21	21 14		n.a.
S 30	21 25	9 59	5 15	19 29	1 7	14 30	8 3	7 10	4 19	14 21	0 30	7 4	2 11	9 28	0 45	20 58	1 0	28 5	17 20	22 18	22 22	21 12		n.a.
S 31	21n14	15n 8	5n16	18n57	1n 1	14n32	8s 6	7s 7	4s20	14s22	0n30	7s 5	2n11	9n26	0n45	20s58	1n 0	28s 6	17s20	22s18	22s22	21n10		n.a.

Julian Day Number = 1306315.5, Delta T = 07h45m42s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'48, Lahiri = -19°38'47 Julian Calendar 1 July 1137 BCE == Greg. Calendar 20 June 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

AUGUST 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 56 47	27♋17'15	8♉58	11♌55	17°R48	22♓22	9♏23	23♎ 7	7♍55	7°R41	29°R 3	20♑ 4	19♑34	24♋31	n.a.	M 1
T 2	20 0 44	28°15'38	21°30	13°34	17♋16	22°32	9°26	23° 9	7°58	7♐40	29♒ 2	20° 5	19°31	24°38	n.a.	T 2
W 3	20 4 40	29°14'04	3♊45	15°11	16°45	22°41	9°29	23°11	8° 2	7°39	29° 1	20° 5	19°27	24°44	n.a.	W 3
T 4	20 8 37	0♌12'31	15°48	16°47	16°16	22°49	9°33	23°14	8° 5	7°38	29° 0	20° 6	19°24	24°51	n.a.	T 4
F 5	20 12 34	1°11'02	27°42	18°22	15°49	22°56	9°36	23°17	8° 8	7°37	28°59	20° 7	19°21	24°58	n.a.	F 5
S 6	20 16 30	2° 9'34	9♋32	19°56	15°24	23° 3	9°40	23°19	8°11	7°37	28°58	20° 8	19°18	25° 4	n.a.	S 6
S 7	20 20 27	3° 8'08	21°19	21°28	15° 1	23° 9	9°44	23°22	8°14	7°36	28°56	20°R 8	19°15	25°11	n.a.	S 7
M 8	20 24 23	4° 6'45	3♌ 6	23° 0	14°40	23°14	9°48	23°25	8°18	7°35	28°55	20° 8	19°11	25°18	n.a.	M 8
T 9	20 28 20	5° 5'23	14°56	24°31	14°22	23°18	9°52	23°28	8°21	7°34	28°54	20° 7	19° 8	25°24	n.a.	T 9
W10	20 32 16	6° 4'04	26°50	26° 0	14° 5	23°21	9°56	23°31	8°24	7°34	28°53	20° 5	19° 5	25°31	n.a.	W10
T 11	20 36 13	7° 2'46	8♍51	27°29	13°51	23°23	10° 1	23°34	8°28	7°33	28°52	20° 2	19° 2	25°38	n.a.	T 11
F 12	20 40 9	8° 1'31	21° 2	28°56	13°40	23°25	10° 5	23°37	8°31	7°32	28°51	20° 0	18°59	25°44	n.a.	F 12
S 13	20 44 6	9° 0'17	3♎23	0♍22	13°31	23°R25	10°10	23°40	8°35	7°32	28°50	19°57	18°56	25°51	n.a.	S 13
S 14	20 48 2	9°59'05	15°59	1°47	13°24	23°25	10°15	23°44	8°38	7°31	28°49	19°55	18°52	25°58	n.a.	S 14
M15	20 51 59	10°57'56	28°51	3°11	13°20	23°24	10°20	23°47	8°41	7°31	28°48	19°53	18°49	26° 4	n.a.	M15
T 16	20 55 56	11°56'48	12♏ 3	4°33	13°D18	23°22	10°26	23°51	8°45	7°30	28°47	19°D53	18°46	26°11	n.a.	T 16
W17	20 59 52	12°55'42	25°37	5°55	13°18	23°19	10°31	23°54	8°48	7°30	28°46	19°53	18°43	26°17	n.a.	W17
T 18	21 3 49	13°54'38	9♐34	7°15	13°21	23°15	10°37	23°58	8°52	7°30	28°44	19°54	18°40	26°24	n.a.	T 18
F 19	21 7 45	14°53'36	23°55	8°33	13°26	23°10	10°43	24° 2	8°56	7°29	28°43	19°56	18°37	26°31	n.a.	F 19
S 20	21 11 42	15°52'36	8♑37	9°51	13°33	23° 5	10°49	24° 6	8°59	7°29	28°42	19°57	18°33	26°37	n.a.	S 20
S 21	21 15 38	16°51'37	23°35	11° 7	13°42	22°58	10°55	24° 9	9° 3	7°28	28°41	19°R57	18°30	26°44	n.a.	S 21
M22	21 19 35	17°50'41	8♒42	12°21	13°54	22°51	11° 1	24°13	9° 6	7°28	28°40	19°56	18°27	26°51	n.a.	M22
T 23	21 23 31	18°49'47	23°50	13°34	14° 7	22°43	11° 7	24°18	9°10	7°28	28°39	19°54	18°24	26°57	n.a.	T 23
W24	21 27 28	19°48'55	8♓49	14°45	14°23	22°34	11°14	24°22	9°14	7°28	28°38	19°50	18°21	27° 4	n.a.	W24
T 25	21 31 25	20°48'05	23°30	15°54	14°41	22°24	11°21	24°26	9°17	7°27	28°36	19°46	18°17	27°11	n.a.	T 25
F 26	21 35 21	21°47'18	7♈47	17° 2	15° 1	22°13	11°28	24°30	9°21	7°27	28°35	19°41	18°14	27°17	n.a.	F 26
S 27	21 39 18	22°46'33	21°36	18° 7	15°22	22° 1	11°35	24°35	9°24	7°27	28°34	19°37	18°11	27°24	n.a.	S 27
S 28	21 43 14	23°45'50	4♉57	19°10	15°46	21°49	11°42	24°39	9°28	7°27	28°33	19°34	18° 8	27°31	n.a.	S 28
M29	21 47 11	24°45'10	17°52	20°11	16°11	21°36	11°49	24°44	9°32	7°27	28°32	19°32	18° 5	27°37	n.a.	M29
T 30	21 51 7	25°44'33	0♊23	21° 9	16°37	21°22	11°57	24°48	9°36	7°D27	28°31	19°D32	18° 2	27°44	n.a.	T 30
W31	21 55 4	26♌43'58	12♊36	22♍ 4	17♋ 6	21♓ 7	12♏ 4	24♎53	9♍39	7♐27	28♒29	19♑33	17♑58	27♋51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n 3	19n27	5n 1	18n23	0n56	14n34	8s 8	7s 4	4s21	14s23	0n30	7s 7	2n11	9n25	0n45	20s58	1n 0	28s 6	17s21	22s18	22s23	21n 8			n.a.
T 2	20 51	22 47	4 31	17 49	0 49	14 37	8 9	7 1	4 22	14 24	0 30	7 8	2 10	9 24	0 44	20 58	1 0	28 7	17 21	22 18	22 23	21 6			n.a.
W 3	20 39	25 0	3 50	17 14	0 43	14 40	8 9	6 58	4 23	14 25	0 30	7 9	2 10	9 23	0 44	20 58	1 0	28 7	17 21	22 18	22 24	21 4			n.a.
T 4	20 26	26 2	2 59	16 38	0 36	14 44	8 8	6 56	4 24	14 27	0 29	7 10	2 10	9 22	0 44	20 57	1 0	28 8	17 21	22 18	22 24	21 2			n.a.
F 5	20 13	25 50	2 1	16 2	0 30	14 49	8 7	6 54	4 25	14 28	0 29	7 11	2 10	9 20	0 44	20 57	1 0	28 9	17 21	22 18	22 25	20 59			n.a.
S 6	20 0	24 27	0 59	15 26	0 23	14 54	8 5	6 52	4 26	14 29	0 29	7 12	2 9	9 19	0 44	20 57	1 0	28 9	17 22	22 18	22 25	20 57			n.a.
S 7	19 47	22 0	0s 7	14 49	0 16	14 59	8 2	6 50	4 27	14 31	0 29	7 14	2 9	9 18	0 44	20 57	1 0	28 10	17 22	22 18	22 25	20 55			n.a.
M 8	19 33	18 38	1 11	14 12	0 8	15 5	7 59	6 49	4 28	14 32	0 29	7 15	2 9	9 17	0 44	20 57	1 0	28 10	17 22	22 18	22 26	20 53			n.a.
T 9	19 18	14 30	2 13	13 35	0 1	15 11	7 54	6 48	4 29	14 34	0 28	7 16	2 9	9 15	0 44	20 57	1 0	28 11	17 22	22 18	22 26	20 51			n.a.
W10	19 4	9 48	3 9	12 57	0s 7	15 17	7 50	6 48	4 29	14 35	0 28	7 18	2 8	9 14	0 44	20 57	1 0	28 11	17 22	22 18	22 27	20 49			n.a.
T 11	18 49	4 43	3 58	12 19	0 14	15 24	7 44	6 47	4 30	14 37	0 28	7 19	2 8	9 13	0 44	20 57	1 0	28 12	17 22	22 18	22 27	20 47			n.a.
F 12	18 34	0s36	4 36	11 42	0 22	15 31	7 39	6 47	4 31	14 39	0 28	7 20	2 8	9 11	0 44	20 57	0 59	28 12	17 23	22 19	22 28	20 45			n.a.
S 13	18 18	5 59	5 2	11 4	0 30	15 38	7 32	6 47	4 31	14 40	0 27	7 22	2 8	9 10	0 44	20 57	0 59	28 13	17 23	22 19	22 28	20 43			n.a.
S 14	18 2	11 12	5 15	10 26	0 38	15 45	7 26	6 48	4 32	14 42	0 27	7 23	2 7	9 9	0 44	20 57	0 59	28 13	17 23	22 20	22 29	20 41			n.a.
M15	17 46	16 5	5 12	9 48	0 45	15 53	7 19	6 49	4 32	14 44	0 27	7 25	2 7	9 7	0 44	20 57	0 59	28 14	17 23	22 20	22 29	20 38			n.a.
T 16	17 29	20 19	4 52	9 10	0 53	16 0	7 11	6 50	4 33	14 46	0 27	7 26	2 7	9 6	0 44	20 57	0 59	28 14	17 23	22 20	22 30	20 36			n.a.
W17	17 12	23 37	4 16	8 33	1 1	16 8	7 3	6 52	4 33	14 48	0 27	7 28	2 7	9 5	0 44	20 57	0 59	28 15	17 23	22 20	22 30	20 34			n.a.
T 18	16 55	25 37	3 24	7 55	1 9	16 16	6 55	6 53	4 33	14 50	0 26	7 29	2 6	9 3	0 44	20 57	0 59	28 16	17 23	22 20	22 30	20 32			n.a.
F 19	16 38	26 0	2 19	7 18	1 17	16 23	6 47	6 55	4 33	14 52	0 26	7 31	2 6	9 2	0 44	20 57	0 59	28 16	17 23	22 19	22 31	20 30			n.a.
S 20	16 20	24 35	1 2	6 41	1 25	16 31	6 39	6 58	4 33	14 54	0 26	7 33	2 6	9 1	0 44	20 57	0 59	28 17	17 24	22 19	22 31	20 28			n.a.
S 21	16 2	21 24	0n20	6 5	1 33	16 39	6 30	7 0	4 33	14 56	0 26	7 34	2 6	8 59	0 44	20 57	0 59	28 17	17 24	22 19	22 32	20 26			n.a.
M22	15 44	16 45	1 41	5 29	1 41	16 46	6 21	7 3	4 33	14 58	0 26	7 36	2 6	8 58	0 44	20 57	0 59	28 18	17 24	22 19	22 32	20 24			n.a.
T 23	15 26	11 2	2 55	4 54	1 49	16 54	6 12	7 6	4 33	15 1	0 25	7 38	2 5	8 56	0 44	20 57	0 59	28 18	17 24	22 20	22 33	20 21			n.a.
W24	15 7	4 45	3 57	4 19	1 56	17 1	6 3	7 9	4 33	15 3	0 25	7 40	2 5	8 55	0 44	20 57	0 59	28 19	17 24	22 20	22 33	20 19			n.a.
T 25	14 48	1n40	4 41	3 45	2 4	17 9	5 54	7 13	4 32	15 5	0 25	7 41	2 5	8 54	0 44	20 57	0 59	28 19	17 24	22 21	22 34	20 17			n.a.
F 26	14 28	7 48	5 6	3 11	2 11	17 16	5 45	7 17	4 32	15 7	0 25	7 43	2 5	8 52	0 44	20 57	0 59	28 20	17 24	22 22	22 34	20 15			n.a.
S 27	14 9	13 22	5 13	2 39	2 19	17 23	5 35	7 21	4 31	15 10	0 25	7 45	2 4	8 51	0 44	20 57	0 59	28 20	17 24	22 22	22 34	20 13			n.a.
S 28	13 49	18 6	5 2	2 7	2 26	17 29	5 26	7 25	4 30	15 12	0 24	7 47	2 4	8 49	0 44	20 57	0 59	28 20	17 24	22 23	22 35	20 11			n.a.
M29	13 29	21 50	4 36	1 37	2 33	17 36	5 16	7 30	4 29	15 15	0 24	7 49	2 4	8 48	0 44	20 57	0 59	28 21	17 24	22 23	22 35	20 8			n.a.
T 30	13 9	24 25	3 57	1 8	2 39	17 42	5 7	7 35	4 29	15 17	0 24	7 51	2 4	8 47	0 44	20 57	0 59	28 21	17 24	22 23	22 36	20 6			n.a.
W31	12n48	25n47	3n 8	0n40	2s46	17n48	4s58	7s40	4s28	15s20	0n24	7s52	2n 4	8n45	0n44	20s57	0n59	28s22	17s24	22s23	22s36	20n 4			n.a.

Julian Day Number = 1306346.5, Delta T = 07h45m40s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'43, Lahiri = -19°38'43 Julian Calendar 1 Aug. 1137 BCE == Greg. Calendar 21 July 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

SEPTEMBER 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 0	27♌43'26	24♊35	22♍55	17♋36	20°R52	12♏12	24♎57	9♍43	7♐27	28°R28	19♑35	17♑55	27♋57	n.a.	T 1
F 2	22 2 57	28°42'55	6♋26	23°44	18° 8	20♓36	12°20	25° 2	9°47	7°27	28♒27	19°36	17°52	28° 4	n.a.	F 2
S 3	22 6 53	29°42'28	18°13	24°29	18°41	20°19	12°28	25° 7	9°51	7°27	28°26	19°R37	17°49	28°11	n.a.	S 3
S 4	22 10 50	0♍42'02	29°59	25° 9	19°15	20° 2	12°36	25°12	9°54	7°27	28°25	19°37	17°46	28°17	n.a.	S 4
M 5	22 14 47	1°41'39	11♌49	25°45	19°51	19°44	12°45	25°17	9°58	7°28	28°23	19°34	17°43	28°24	n.a.	M 5
T 6	22 18 43	2°41'18	23°46	26°17	20°28	19°25	12°53	25°22	10° 2	7°28	28°22	19°29	17°39	28°30	n.a.	T 6
W 7	22 22 40	3°41'00	5♍50	26°42	21° 6	19° 7	13° 2	25°27	10° 6	7°28	28°21	19°23	17°36	28°37	n.a.	W 7
T 8	22 26 36	4°40'43	18° 4	27° 2	21°46	18°47	13°10	25°32	10° 9	7°28	28°20	19°15	17°33	28°44	n.a.	T 8
F 9	22 30 33	5°40'29	0♎28	27°15	22°26	18°27	13°19	25°38	10°13	7°29	28°19	19° 6	17°30	28°50	n.a.	F 9
S 10	22 34 29	6°40'16	13° 4	27°R22	23° 8	18° 7	13°28	25°43	10°17	7°29	28°18	18°57	17°27	28°57	n.a.	S 10
S 11	22 38 26	7°40'06	25°51	27°21	23°51	17°47	13°37	25°48	10°21	7°29	28°16	18°50	17°23	29° 4	n.a.	S 11
M12	22 42 22	8°39'57	8♏52	27°11	24°35	17°26	13°46	25°54	10°25	7°30	28°15	18°44	17°20	29°10	n.a.	M12
T 13	22 46 19	9°39'51	22° 7	26°54	25°20	17° 5	13°56	25°59	10°28	7°30	28°14	18°40	17°17	29°17	n.a.	T 13
W14	22 50 15	10°39'46	5♐37	26°27	26° 6	16°44	14° 5	26° 5	10°32	7°31	28°13	18°D38	17°14	29°24	n.a.	W14
T 15	22 54 12	11°39'43	19°24	25°52	26°53	16°23	14°15	26°10	10°36	7°31	28°12	18°38	17°11	29°30	n.a.	T 15
F 16	22 58 9	12°39'42	3♑29	25° 8	27°41	16° 2	14°25	26°16	10°40	7°32	28°11	18°39	17° 8	29°37	n.a.	F 16
S 17	23 2 5	13°39'42	17°51	24°15	28°29	15°41	14°34	26°22	10°44	7°32	28°10	18°R40	17° 4	29°44	n.a.	S 17
S 18	23 6 2	14°39'45	2♒27	23°14	29°19	15°20	14°44	26°27	10°47	7°33	28° 8	18°39	17° 1	29°50	n.a.	S 18
M19	23 9 58	15°39'49	17°15	22° 7	0♌ 9	14°59	14°54	26°33	10°51	7°34	28° 7	18°36	16°58	29°57	n.a.	M19
T 20	23 13 55	16°39'55	2♓ 6	20°54	1° 0	14°38	15° 4	26°39	10°55	7°34	28° 6	18°31	16°55	0♌ 4	n.a.	T 20
W21	23 17 51	17°40'02	16°54	19°38	1°52	14°18	15°15	26°45	10°59	7°35	28° 5	18°23	16°52	0°10	n.a.	W21
T 22	23 21 48	18°40'12	1♈30	18°21	2°44	13°57	15°25	26°51	11° 3	7°36	28° 4	18°13	16°48	0°17	n.a.	T 22
F 23	23 25 44	19°40'24	15°47	17° 4	3°38	13°37	15°35	26°57	11° 6	7°36	28° 3	18° 3	16°45	0°23	n.a.	F 23
S 24	23 29 41	20°40'38	29°39	15°51	4°32	13°18	15°46	27° 3	11°10	7°37	28° 2	17°53	16°42	0°30	n.a.	S 24
S 25	23 33 38	21°40'54	13♉ 5	14°45	5°26	12°58	15°57	27° 9	11°14	7°38	28° 1	17°46	16°39	0°37	n.a.	S 25
M26	23 37 34	22°41'12	26° 3	13°45	6°21	12°39	16° 7	27°15	11°18	7°39	28° 0	17°40	16°36	0°43	n.a.	M26
T 27	23 41 31	23°41'32	8♊38	12°56	7°17	12°21	16°18	27°21	11°21	7°40	27°59	17°37	16°33	0°50	n.a.	T 27
W28	23 45 27	24°41'55	20°52	12°17	8°14	12° 3	16°29	27°28	11°25	7°41	27°58	17°D35	16°29	0°57	n.a.	W28
T 29	23 49 24	25°42'19	2♋52	11°49	9°11	11°46	16°40	27°34	11°29	7°42	27°57	17°35	16°26	1° 3	n.a.	T 29
F 30	23 53 20	26♍42'46	14♋43	11♍34	10♌ 8	11♓29	16♏51	27♎40	11♍32	7♐43	27♒56	17°R36	16♑23	1♌10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n28	25n55	2n12	0n14	2s52	17n53	4s48	7s45	4s26	15s22	0n24	7s54	2n 3	8n44	0n44	20s57	0n59	28s22	17s24	22s23	22s37	20n 2		n.a.
F 2	12 7	24 52	1 11	0s11	2 57	17 59	4 39	7 50	4 25	15 25	0 23	7 56	2 3	8 42	0 44	20 57	0 59	28 23	17 24	22 22	22 37	20 0		n.a.
S 3	11 46	22 42	0 8	0 33	3 3	18 3	4 29	7 55	4 24	15 28	0 23	7 58	2 3	8 41	0 44	20 57	0 59	28 23	17 24	22 22	22 37	19 57		n.a.
S 4	11 24	19 34	0s56	0 54	3 7	18 8	4 20	8 1	4 22	15 30	0 23	8 0	2 3	8 39	0 44	20 57	0 58	28 24	17 24	22 22	22 38	19 55		n.a.
M 5	11 3	15 39	1 58	1 12	3 11	18 12	4 11	8 7	4 21	15 33	0 23	8 2	2 3	8 38	0 44	20 57	0 58	28 24	17 24	22 23	22 38	19 53		n.a.
T 6	10 41	11 5	2 54	1 28	3 15	18 16	4 2	8 12	4 19	15 36	0 23	8 4	2 2	8 36	0 44	20 57	0 58	28 24	17 24	22 23	22 39	19 51		n.a.
W 7	10 19	6 4	3 44	1 41	3 18	18 19	3 52	8 18	4 17	15 39	0 23	8 6	2 2	8 35	0 44	20 57	0 58	28 25	17 24	22 24	22 39	19 49		n.a.
T 8	9 57	0 46	4 24	1 51	3 19	18 22	3 43	8 24	4 15	15 42	0 22	8 9	2 2	8 34	0 44	20 57	0 58	28 25	17 24	22 25	22 40	19 46		n.a.
F 9	9 35	4s38	4 52	1 57	3 20	18 24	3 34	8 30	4 13	15 44	0 22	8 11	2 2	8 32	0 44	20 57	0 58	28 26	17 24	22 27	22 40	19 44		n.a.
S 10	9 12	9 55	5 6	1 59	3 20	18 26	3 25	8 36	4 11	15 47	0 22	8 13	2 2	8 31	0 44	20 58	0 58	28 26	17 24	22 28	22 40	19 42		n.a.
S 11	8 50	14 52	5 5	1 58	3 19	18 28	3 17	8 42	4 8	15 50	0 22	8 15	2 1	8 29	0 44	20 58	0 58	28 26	17 24	22 29	22 41	19 40		n.a.
M12	8 27	19 14	4 49	1 51	3 16	18 29	3 8	8 48	4 6	15 53	0 22	8 17	2 1	8 28	0 44	20 58	0 58	28 27	17 24	22 30	22 41	19 37		n.a.
T 13	8 4	22 43	4 17	1 40	3 12	18 29	2 59	8 54	4 3	15 56	0 22	8 19	2 1	8 26	0 44	20 58	0 58	28 27	17 24	22 30	22 42	19 35		n.a.
W14	7 41	25 2	3 30	1 24	3 6	18 29	2 50	9 0	4 0	15 59	0 21	8 21	2 1	8 25	0 44	20 58	0 58	28 28	17 24	22 31	22 42	19 33		n.a.
T 15	7 18	25 54	2 31	1 3	2 58	18 29	2 42	9 6	3 58	16 2	0 21	8 24	2 1	8 23	0 44	20 58	0 58	28 28	17 24	22 31	22 42	19 31		n.a.
F 16	6 55	25 8	1 21	0 37	2 49	18 28	2 33	9 11	3 55	16 5	0 21	8 26	2 1	8 22	0 44	20 58	0 58	28 28	17 23	22 30	22 43	19 28		n.a.
S 17	6 32	22 42	0 4	0 5	2 38	18 26	2 25	9 17	3 52	16 8	0 21	8 28	2 0	8 20	0 44	20 58	0 58	28 29	17 23	22 30	22 43	19 26		n.a.
S 18	6 8	18 45	1n13	0n31	2 24	18 24	2 17	9 22	3 49	16 12	0 21	8 30	2 0	8 19	0 44	20 59	0 58	28 29	17 23	22 30	22 44	19 24		n.a.
M19	5 45	13 35	2 27	1 12	2 9	18 21	2 9	9 28	3 45	16 15	0 21	8 33	2 0	8 17	0 44	20 59	0 58	28 29	17 23	22 31	22 44	19 22		n.a.
T 20	5 21	7 37	3 31	1 57	1 52	18 18	2 1	9 33	3 42	16 18	0 20	8 35	2 0	8 16	0 44	20 59	0 58	28 30	17 23	22 32	22 44	19 19		n.a.
W21	4 57	1 16	4 20	2 44	1 34	18 14	1 53	9 38	3 39	16 21	0 20	8 37	2 0	8 14	0 44	20 59	0 58	28 30	17 23	22 33	22 45	19 17		n.a.
T 22	4 33	5n 3	4 52	3 33	1 14	18 10	1 45	9 43	3 35	16 24	0 20	8 40	2 0	8 13	0 44	20 59	0 58	28 30	17 23	22 34	22 45	19 15		n.a.
F 23	4 9	10 58	5 4	4 21	0 54	18 5	1 37	9 47	3 32	16 28	0 20	8 42	1 59	8 12	0 44	20 59	0 58	28 30	17 23	22 35	22 46	19 13		n.a.
S 24	3 45	16 10	4 58	5 9	0 33	18 0	1 30	9 52	3 28	16 31	0 20	8 44	1 59	8 10	0 44	21 0	0 58	28 31	17 22	22 37	22 46	19 10		n.a.
S 25	3 21	20 23	4 35	5 54	0 13	17 54	1 22	9 56	3 25	16 34	0 20	8 47	1 59	8 9	0 44	21 0	0 58	28 31	17 22	22 38	22 46	19 8		n.a.
M26	2 57	23 27	3 59	6 36	0n 7	17 47	1 15	10 0	3 21	16 37	0 19	8 49	1 59	8 7	0 44	21 0	0 58	28 31	17 22	22 39	22 47	19 6		n.a.
T 27	2 33	25 16	3 12	7 13	0 26	17 40	1 8	10 4	3 17	16 41	0 19	8 51	1 59	8 6	0 44	21 0	0 57	28 31	17 22	22 39	22 47	19 3		n.a.
W28	2 8	25 48	2 18	7 44	0 44	17 32	1 0	10 7	3 13	16 44	0 19	8 54	1 59	8 4	0 44	21 0	0 57	28 32	17 22	22 39	22 48	19 1		n.a.
T 29	1 44	25 6	1 18	8 10	1 0	17 24	0 53	10 11	3 10	16 47	0 19	8 56	1 59	8 3	0 44	21 0	0 57	28 32	17 22	22 39	22 48	18 59		n.a.
F 30	1n20	23n16	0n15	8n30	1n15	17n15	0s47	10s14	3s 6	16s51	0n19	8s58	1n58	8n 1	0n44	21s 1	0n57	28s32	17s22	22s39	22s48	18n57		n.a.

Julian Day Number = 1306377.5, Delta T = 07h45m38s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'39, Lahiri = -19°38'39 Julian Calendar 1 Sept. 1137 BCE == Greg. Calendar 21 Aug. 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

OCTOBER 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 17	27♍43'15	26♋29	11°D29	11♌ 7	11°R13	17♏ 3	27♎47	11♍36	7♐44	27°R55	17°R35	16♑20	1♌17	n.a.	S 1
S 2	0 1 13	28°43'46	8♌17	11♍36	12° 5	10♓57	17°14	27°53	11°40	7°45	27♒54	17♑33	16°17	1°23	n.a.	S 2
M 3	0 5 10	29°44'18	20°11	11°54	13° 4	10°42	17°25	27°59	11°44	7°46	27°53	17°29	16°14	1°30	n.a.	M 3
T 4	0 9 7	0♎44'53	2♍15	12°21	14° 4	10°28	17°37	28° 6	11°47	7°47	27°52	17°21	16°10	1°37	n.a.	T 4
W 5	0 13 3	1°45'29	14°30	12°57	15° 4	10°15	17°48	28°12	11°51	7°48	27°51	17°11	16° 7	1°43	n.a.	W 5
T 6	0 17 0	2°46'07	26°59	13°42	16° 5	10° 2	18° 0	28°19	11°54	7°49	27°50	16°59	16° 4	1°50	n.a.	T 6
F 7	0 20 56	3°46'47	9♎41	14°33	17° 6	9°50	18°12	28°25	11°58	7°51	27°49	16°45	16° 1	1°57	n.a.	F 7
S 8	0 24 53	4°47'29	22°37	15°31	18° 7	9°39	18°24	28°32	12° 2	7°52	27°48	16°32	15°58	2° 3	n.a.	S 8
S 9	0 28 49	5°48'12	5♏46	16°34	19° 9	9°28	18°35	28°39	12° 5	7°53	27°47	16°20	15°54	2°10	n.a.	S 9
M10	0 32 46	6°48'56	19° 5	17°42	20°11	9°19	18°47	28°45	12° 9	7°54	27°46	16°10	15°51	2°17	n.a.	M10
T 11	0 36 42	7°49'42	2♐35	18°54	21°14	9°10	19° 0	28°52	12°12	7°56	27°45	16° 3	15°48	2°23	n.a.	T 11
W12	0 40 39	8°50'29	16°14	20°10	22°17	9° 2	19°12	28°59	12°16	7°57	27°44	15°59	15°45	2°30	n.a.	W12
T 13	0 44 36	9°51'18	0♑ 2	21°28	23°20	8°55	19°24	29° 5	12°19	7°58	27°44	15°58	15°42	2°36	n.a.	T 13
F 14	0 48 32	10°52'07	14° 0	22°49	24°24	8°49	19°36	29°12	12°23	8° 0	27°43	15°58	15°39	2°43	n.a.	F 14
S 15	0 52 29	11°52'58	28° 6	24°13	25°28	8°43	19°49	29°19	12°26	8° 1	27°42	15°57	15°35	2°50	n.a.	S 15
S 16	0 56 25	12°53'49	12♒22	25°38	26°32	8°39	20° 1	29°26	12°30	8° 3	27°41	15°56	15°32	2°56	n.a.	S 16
M17	1 0 22	13°54'42	26°44	27° 4	27°37	8°35	20°13	29°32	12°33	8° 4	27°40	15°51	15°29	3° 3	n.a.	M17
T 18	1 4 18	14°55'36	11♓ 9	28°32	28°41	8°32	20°26	29°39	12°36	8° 6	27°40	15°44	15°26	3°10	n.a.	T 18
W19	1 8 15	15°56'31	25°33	0♎ 1	29°47	8°30	20°39	29°46	12°40	8° 7	27°39	15°34	15°23	3°16	n.a.	W19
T 20	1 12 11	16°57'27	9♈48	1°31	0♍52	8°28	20°51	29°53	12°43	8° 9	27°38	15°22	15°19	3°23	n.a.	T 20
F 21	1 16 8	17°58'24	23°50	3° 1	1°58	8°D28	21° 4	29°59	12°46	8°10	27°37	15° 9	15°16	3°30	n.a.	F 21
S 22	1 20 4	18°59'22	7♉32	4°32	3° 4	8°28	21°17	0♏ 7	12°50	8°12	27°37	14°57	15°13	3°36	n.a.	S 22
S 23	1 24 1	20° 0'22	20°53	6° 4	4°10	8°29	21°30	0°14	12°53	8°14	27°36	14°46	15°10	3°43	n.a.	S 23
M24	1 27 58	21° 1'23	3♊50	7°36	5°17	8°31	21°43	0°21	12°56	8°15	27°35	14°38	15° 7	3°50	n.a.	M24
T 25	1 31 54	22° 2'26	16°26	9° 8	6°24	8°33	21°56	0°28	12°59	8°17	27°35	14°33	15° 4	3°56	n.a.	T 25
W26	1 35 51	23° 3'30	28°42	10°40	7°31	8°37	22° 9	0°35	13° 2	8°19	27°34	14°30	15° 0	4° 3	n.a.	W26
T 27	1 39 47	24° 4'35	10♋43	12°13	8°38	8°41	22°22	0°41	13° 6	8°21	27°34	14°D29	14°57	4°10	n.a.	T 27
F 28	1 43 44	25° 5'41	22°35	13°46	9°46	8°46	22°35	0°48	13° 9	8°22	27°33	14°R29	14°54	4°16	n.a.	F 28
S 29	1 47 40	26° 6'48	4♌23	15°19	10°54	8°51	22°48	0°55	13°12	8°24	27°33	14°29	14°51	4°23	n.a.	S 29
S 30	1 51 37	27° 7'57	16°12	16°52	12° 2	8°57	23° 1	1° 2	13°15	8°26	27°32	14°27	14°48	4°30	n.a.	S 30
M31	1 55 34	28♎ 9'07	28♌ 8	18♎25	13♍10	9♓ 4	23♏14	1♏ 9	13♍18	8♐28	27♒32	14♑23	14♑45	4♌36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n55	20n26	0s47	8n43	1n28	17n 5	0s40	10s16	3s 2	16s54	0n19	9s 1	1n58	8n 0	0n44	21s 1	0n57	28s32	17s21	22s39	22s49	18n54		n.a.
S 2	0 31	16 45	1 48	8 51	1 39	16 55	0 33	10 19	2 58	16 58	0 18	9 3	1 58	7 59	0 44	21 1	0 57	28 32	17 21	22 39	22 49	18 52		n.a.
M 3	0 6	12 24	2 44	8 53	1 49	16 44	0 27	10 21	2 54	17 1	0 18	9 6	1 58	7 57	0 44	21 1	0 57	28 33	17 21	22 40	22 50	18 50		n.a.
T 4	0s18	7 32	3 33	8 50	1 57	16 33	0 20	10 23	2 50	17 4	0 18	9 8	1 58	7 56	0 44	21 2	0 57	28 33	17 21	22 41	22 50	18 47		n.a.
W 5	0 43	2 18	4 14	8 42	2 3	16 21	0 14	10 24	2 46	17 8	0 18	9 11	1 58	7 54	0 44	21 2	0 57	28 33	17 21	22 42	22 50	18 45		n.a.
T 6	1 7	3s 5	4 43	8 29	2 8	16 9	0 8	10 26	2 42	17 11	0 18	9 13	1 58	7 53	0 44	21 2	0 57	28 33	17 20	22 44	22 51	18 43		n.a.
F 7	1 32	8 27	4 58	8 12	2 12	15 56	0 2	10 27	2 38	17 15	0 18	9 16	1 58	7 52	0 44	21 2	0 57	28 33	17 20	22 46	22 51	18 40		n.a.
S 8	1 56	13 33	4 59	7 52	2 15	15 43	0n 4	10 27	2 35	17 18	0 18	9 18	1 58	7 50	0 44	21 2	0 57	28 33	17 20	22 47	22 52	18 38		n.a.
S 9	2 20	18 6	4 44	7 28	2 16	15 29	0 10	10 28	2 31	17 22	0 17	9 21	1 57	7 49	0 44	21 3	0 57	28 34	17 20	22 49	22 52	18 36		n.a.
M10	2 45	21 50	4 13	7 1	2 16	15 14	0 15	10 28	2 27	17 25	0 17	9 23	1 57	7 48	0 44	21 3	0 57	28 34	17 19	22 50	22 52	18 33		n.a.
T 11	3 9	24 25	3 28	6 32	2 16	14 59	0 21	10 28	2 23	17 29	0 17	9 26	1 57	7 46	0 44	21 3	0 57	28 34	17 19	22 51	22 53	18 31		n.a.
W12	3 34	25 36	2 30	6 1	2 14	14 44	0 26	10 27	2 19	17 32	0 17	9 28	1 57	7 45	0 44	21 3	0 57	28 34	17 19	22 51	22 53	18 29		n.a.
T 13	3 58	25 13	1 23	5 27	2 12	14 27	0 31	10 26	2 15	17 36	0 17	9 31	1 57	7 43	0 44	21 4	0 57	28 34	17 19	22 52	22 53	18 26		n.a.
F 14	4 22	23 15	0 10	4 52	2 10	14 11	0 37	10 25	2 11	17 39	0 17	9 33	1 57	7 42	0 44	21 4	0 57	28 34	17 18	22 52	22 54	18 24		n.a.
S 15	4 46	19 50	1n 4	4 16	2 6	13 54	0 42	10 24	2 8	17 43	0 17	9 36	1 57	7 41	0 44	21 4	0 57	28 34	17 18	22 52	22 54	18 22		n.a.
S 16	5 10	15 13	2 15	3 38	2 3	13 36	0 46	10 22	2 4	17 46	0 16	9 38	1 57	7 40	0 44	21 5	0 57	28 34	17 18	22 52	22 55	18 19		n.a.
M17	5 34	9 43	3 18	2 59	1 58	13 18	0 51	10 20	2 0	17 50	0 16	9 41	1 57	7 38	0 44	21 5	0 57	28 34	17 18	22 52	22 55	18 17		n.a.
T 18	5 58	3 41	4 8	2 20	1 54	12 59	0 56	10 18	1 57	17 53	0 16	9 43	1 57	7 37	0 44	21 5	0 57	28 34	17 17	22 53	22 55	18 15		n.a.
W19	6 22	2n30	4 42	1 39	1 49	12 40	1 0	10 15	1 53	17 57	0 16	9 46	1 56	7 36	0 44	21 5	0 57	28 34	17 17	22 54	22 56	18 12		n.a.
T 20	6 46	8 30	4 59	0 58	1 43	12 21	1 5	10 13	1 49	18 0	0 16	9 48	1 56	7 34	0 44	21 6	0 57	28 34	17 17	22 56	22 56	18 10		n.a.
F 21	7 10	13 58	4 57	0 16	1 38	12 1	1 9	10 10	1 46	18 4	0 16	9 51	1 56	7 33	0 44	21 6	0 57	28 34	17 17	22 57	22 56	18 7		n.a.
S 22	7 33	18 37	4 38	0s26	1 32	11 40	1 13	10 6	1 42	18 7	0 16	9 53	1 56	7 32	0 44	21 6	0 56	28 34	17 16	22 59	22 57	18 5		n.a.
S 23	7 57	22 10	4 3	1 8	1 26	11 20	1 17	10 3	1 39	18 11	0 16	9 56	1 56	7 31	0 44	21 7	0 56	28 34	17 16	23 0	22 57	18 3		n.a.
M24	8 20	24 29	3 17	1 50	1 20	10 58	1 21	9 59	1 36	18 14	0 15	9 58	1 56	7 29	0 44	21 7	0 56	28 34	17 16	23 1	22 58	18 0		n.a.
T 25	8 43	25 30	2 23	2 33	1 14	10 37	1 24	9 55	1 32	18 18	0 15	10 1	1 56	7 28	0 44	21 7	0 56	28 34	17 15	23 1	22 58	17 58		n.a.
W26	9 6	25 12	1 23	3 16	1 7	10 14	1 28	9 51	1 29	18 22	0 15	10 3	1 56	7 27	0 44	21 7	0 56	28 34	17 15	23 2	22 58	17 55		n.a.
T 27	9 29	23 43	0 20	3 59	1 1	9 52	1 31	9 46	1 26	18 25	0 15	10 6	1 56	7 26	0 44	21 8	0 56	28 34	17 15	23 2	22 59	17 53		n.a.
F 28	9 52	21 12	0s43	4 41	0 54	9 29	1 34	9 41	1 22	18 29	0 15	10 8	1 56	7 25	0 44	21 8	0 56	28 34	17 14	23 2	22 59	17 51		n.a.
S 29	10 15	17 48	1 44	5 24	0 48	9 6	1 38	9 36	1 19	18 32	0 15	10 11	1 56	7 23	0 44	21 8	0 56	28 34	17 14	23 2	22 59	17 48		n.a.
S 30	10 37	13 42	2 40	6 6	0 41	8 42	1 41	9 31	1 16	18 36	0 15	10 13	1 56	7 22	0 44	21 9	0 56	28 34	17 14	23 2	23 0	17 46		n.a.
M31	10s59	9n 2	3s30	6s49	0n34	8n18	1n43	9s26	1s13	18s39	0n14	10s16	1n56	7n21	0n44	21s 9	0n56	28s34	17s13	23s 2	23s 0	17n43		n.a.

Julian Day Number = 1306407.5, Delta T = 07h45m37s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'35, Lahiri = -19°38'35 Julian Calendar 1 Oct. 1137 BCE == Greg. Calendar 20 Sept. 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

NOVEMBER 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 59 30	29♎10'17	10♍16	19♎59	14♍19	9♓12	23♏28	1♏16	13♍21	8♐30	27°R31	14°R17	14♉41	4♌43	n.a.	T 1
W 2	2 3 27	0♏11'29	22°38	21°32	15°27	9°20	23°41	1°23	13°24	8°31	27♒31	14♉ 7	14°38	4°50	n.a.	W 2
T 3	2 7 23	1°12'42	5♎19	23° 6	16°36	9°29	23°55	1°30	13°26	8°33	27°30	13°56	14°35	4°56	n.a.	T 3
F 4	2 11 20	2°13'55	18°18	24°39	17°45	9°39	24° 8	1°37	13°29	8°35	27°30	13°43	14°32	5° 3	n.a.	F 4
S 5	2 15 16	3°15'10	1♏35	26°13	18°54	9°49	24°21	1°44	13°32	8°37	27°29	13°31	14°29	5° 9	n.a.	S 5
S 6	2 19 13	4°16'25	15° 7	27°46	20° 4	10° 0	24°35	1°51	13°35	8°39	27°29	13°19	14°25	5°16	n.a.	S 6
M 7	2 23 9	5°17'40	28°53	29°20	21°13	10°12	24°49	1°58	13°38	8°41	27°29	13°10	14°22	5°23	n.a.	M 7
T 8	2 27 6	6°18'57	12♐47	0♏54	22°23	10°24	25° 2	2° 5	13°40	8°43	27°28	13° 3	14°19	5°29	n.a.	T 8
W 9	2 31 3	7°20'13	26°48	2°28	23°33	10°37	25°16	2°12	13°43	8°45	27°28	13° 0	14°16	5°36	n.a.	W 9
T 10	2 34 59	8°21'30	10♑52	4° 2	24°43	10°50	25°29	2°19	13°45	8°47	27°28	12°D59	14°13	5°43	n.a.	T 10
F 11	2 38 56	9°22'47	24°57	5°36	25°53	11° 4	25°43	2°26	13°48	8°49	27°27	12°59	14°10	5°49	n.a.	F 11
S 12	2 42 52	10°24'04	9♒ 3	7°11	27° 3	11°18	25°57	2°33	13°51	8°51	27°27	13°R 0	14° 6	5°56	n.a.	S 12
S 13	2 46 49	11°25'21	23° 8	8°45	28°13	11°33	26°11	2°40	13°53	8°53	27°27	12°59	14° 3	6° 3	n.a.	S 13
M14	2 50 45	12°26'38	7♓12	10°20	29°24	11°49	26°24	2°47	13°55	8°55	27°27	12°56	14° 0	6° 9	n.a.	M14
T 15	2 54 42	13°27'54	21°12	11°55	0♎34	12° 5	26°38	2°54	13°58	8°57	27°27	12°51	13°57	6°16	n.a.	T 15
W16	2 58 38	14°29'11	5♈ 7	13°30	1°45	12°21	26°52	3° 1	14° 0	9° 0	27°27	12°43	13°54	6°23	n.a.	W16
T 17	3 2 35	15°30'28	18°55	15° 6	2°56	12°39	27° 6	3° 8	14° 2	9° 2	27°26	12°34	13°51	6°29	n.a.	T 17
F 18	3 6 32	16°31'45	2♉30	16°41	4° 7	12°56	27°20	3°15	14° 5	9° 4	27°26	12°24	13°47	6°36	n.a.	F 18
S 19	3 10 28	17°33'02	15°52	18°17	5°18	13°14	27°34	3°22	14° 7	9° 6	27°26	12°14	13°44	6°43	n.a.	S 19
S 20	3 14 25	18°34'19	28°56	19°53	6°29	13°32	27°48	3°29	14° 9	9° 8	27°26	12° 5	13°41	6°49	n.a.	S 20
M21	3 18 21	19°35'37	11♊43	21°30	7°41	13°51	28° 1	3°35	14°11	9°10	27°26	11°59	13°38	6°56	n.a.	M21
T 22	3 22 18	20°36'54	24°13	23° 6	8°52	14°11	28°15	3°42	14°13	9°12	27°D26	11°55	13°35	7° 3	n.a.	T 22
W23	3 26 14	21°38'12	6♋26	24°43	10° 4	14°30	28°29	3°49	14°15	9°15	27°26	11°D53	13°31	7° 9	n.a.	W23
T 24	3 30 11	22°39'29	18°27	26°21	11°15	14°51	28°43	3°56	14°17	9°17	27°26	11°53	13°28	7°16	n.a.	T 24
F 25	3 34 8	23°40'47	0♌20	27°58	12°27	15°11	28°57	4° 2	14°19	9°19	27°26	11°54	13°25	7°23	n.a.	F 25
S 26	3 38 4	24°42'05	12° 8	29°36	13°39	15°32	29°11	4° 9	14°21	9°21	27°26	11°55	13°22	7°29	n.a.	S 26
S 27	3 42 1	25°43'22	23°58	1♐15	14°51	15°53	29°25	4°16	14°23	9°23	27°27	11°R56	13°19	7°36	n.a.	S 27
M28	3 45 57	26°44'40	5♍54	2°53	16° 3	16°15	29°39	4°23	14°25	9°26	27°27	11°56	13°16	7°43	n.a.	M28
T 29	3 49 54	27°45'58	18° 1	4°32	17°15	16°37	29°53	4°29	14°26	9°28	27°27	11°53	13°12	7°49	n.a.	T 29
W30	3 53 50	28♏47'15	0♎26	6♐11	18♎27	16♓59	0♐ 7	4♏36	14♍28	9♐30	27♒27	11♉49	13♉ 9	7♌56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s21	3n59	4s11	7s31	0n27	7n54	1n46	9s20	1s10	18s43	0n14	10s18	1n56	7n20	0n44	21s 9	0n56	28s33	17s13	23s 3	23s 0	17n41		n.a.
W 2	11 43	1s19	4 41	8 13	0 21	7 29	1 49	9 14	1 7	18 46	0 14	10 21	1 56	7 19	0 45	21 10	0 56	28 33	17 13	23 4	23 1	17 39		n.a.
T 3	12 5	6 42	4 58	8 54	0 14	7 5	1 51	9 8	1 4	18 50	0 14	10 23	1 56	7 18	0 45	21 10	0 56	28 33	17 12	23 5	23 1	17 36		n.a.
F 4	12 27	11 54	5 1	9 35	0 7	6 39	1 54	9 2	1 2	18 53	0 14	10 26	1 55	7 17	0 45	21 10	0 56	28 33	17 12	23 7	23 1	17 34		n.a.
S 5	12 48	16 41	4 47	10 16	0 1	6 14	1 56	8 55	0 59	18 57	0 14	10 28	1 55	7 16	0 45	21 11	0 56	28 33	17 12	23 8	23 2	17 31		n.a.
S 6	13 9	20 43	4 17	10 57	0s 6	5 48	1 58	8 48	0 56	19 0	0 14	10 31	1 55	7 15	0 45	21 11	0 56	28 33	17 11	23 9	23 2	17 29		n.a.
M 7	13 30	23 40	3 32	11 37	0 13	5 22	2 0	8 41	0 53	19 4	0 14	10 33	1 55	7 14	0 45	21 11	0 56	28 32	17 11	23 10	23 2	17 27		n.a.
T 8	13 51	25 14	2 33	12 16	0 19	4 56	2 2	8 34	0 51	19 7	0 14	10 36	1 55	7 13	0 45	21 12	0 56	28 32	17 11	23 11	23 3	17 24		n.a.
W 9	14 11	25 13	1 25	12 55	0 25	4 30	2 4	8 27	0 48	19 11	0 13	10 38	1 55	7 12	0 45	21 12	0 56	28 32	17 10	23 11	23 3	17 22		n.a.
T 10	14 31	23 34	0 11	13 34	0 32	4 3	2 5	8 20	0 46	19 14	0 13	10 41	1 55	7 11	0 45	21 12	0 56	28 32	17 10	23 11	23 4	17 19		n.a.
F 11	14 51	20 27	1n 3	14 12	0 38	3 36	2 7	8 12	0 43	19 17	0 13	10 43	1 55	7 10	0 45	21 13	0 56	28 32	17 10	23 11	23 4	17 17		n.a.
S 12	15 11	16 8	2 14	14 50	0 44	3 9	2 8	8 4	0 41	19 21	0 13	10 45	1 55	7 9	0 45	21 13	0 56	28 31	17 9	23 11	23 4	17 14		n.a.
S 13	15 30	10 56	3 17	15 26	0 50	2 42	2 10	7 56	0 38	19 24	0 13	10 48	1 55	7 8	0 45	21 13	0 56	28 31	17 9	23 11	23 5	17 12		n.a.
M14	15 49	5 11	4 8	16 3	0 56	2 14	2 11	7 48	0 36	19 28	0 13	10 50	1 55	7 7	0 45	21 14	0 56	28 31	17 9	23 11	23 5	17 9		n.a.
T 15	16 8	0n47	4 43	16 38	1 2	1 47	2 12	7 40	0 34	19 31	0 13	10 53	1 55	7 6	0 45	21 14	0 56	28 31	17 8	23 12	23 5	17 7		n.a.
W16	16 27	6 40	5 2	17 13	1 7	1 19	2 13	7 31	0 31	19 34	0 13	10 55	1 55	7 5	0 45	21 14	0 56	28 30	17 8	23 13	23 6	17 4		n.a.
T 17	16 45	12 11	5 3	17 47	1 12	0 51	2 13	7 22	0 29	19 38	0 12	10 57	1 55	7 4	0 45	21 15	0 56	28 30	17 7	23 14	23 6	17 2		n.a.
F 18	17 3	17 0	4 46	18 20	1 18	0 23	2 14	7 14	0 27	19 41	0 12	11 0	1 55	7 3	0 45	21 15	0 56	28 30	17 7	23 15	23 6	17 0		n.a.
S 19	17 21	20 54	4 14	18 53	1 23	0s 5	2 15	7 5	0 25	19 44	0 12	11 2	1 55	7 2	0 45	21 16	0 56	28 29	17 7	23 15	23 7	16 57		n.a.
S 20	17 38	23 39	3 30	19 24	1 27	0 33	2 15	6 55	0 23	19 48	0 12	11 4	1 55	7 2	0 45	21 16	0 56	28 29	17 6	23 16	23 7	16 55		n.a.
M21	17 55	25 7	2 35	19 55	1 32	1 2	2 15	6 46	0 21	19 51	0 12	11 7	1 55	7 1	0 45	21 16	0 56	28 29	17 6	23 17	23 7	16 52		n.a.
T 22	18 12	25 16	1 34	20 24	1 36	1 30	2 16	6 37	0 19	19 54	0 12	11 9	1 55	7 0	0 45	21 17	0 56	28 28	17 6	23 17	23 8	16 50		n.a.
W23	18 28	24 10	0 29	20 53	1 41	1 58	2 16	6 27	0 17	19 57	0 12	11 11	1 55	6 59	0 45	21 17	0 56	28 28	17 5	23 17	23 8	16 47		n.a.
T 24	18 44	21 57	0s35	21 21	1 44	2 27	2 16	6 18	0 15	20 1	0 12	11 14	1 55	6 59	0 45	21 17	0 56	28 28	17 5	23 17	23 8	16 45		n.a.
F 25	19 0	18 49	1 38	21 47	1 48	2 55	2 16	6 8	0 13	20 4	0 12	11 16	1 55	6 58	0 45	21 18	0 56	28 27	17 5	23 17	23 8	16 42		n.a.
S 26	19 15	14 56	2 36	22 12	1 51	3 24	2 16	5 58	0 11	20 7	0 11	11 18	1 55	6 57	0 45	21 18	0 56	28 27	17 4	23 17	23 9	16 40		n.a.
S 27	19 30	10 29	3 28	22 36	1 54	3 52	2 15	5 48	0 9	20 10	0 11	11 21	1 55	6 56	0 45	21 18	0 56	28 27	17 4	23 17	23 9	16 37		n.a.
M28	19 45	5 37	4 11	22 59	1 57	4 20	2 15	5 38	0 8	20 13	0 11	11 23	1 55	6 56	0 45	21 19	0 55	28 26	17 3	23 17	23 9	16 35		n.a.
T 29	19 59	0 28	4 43	23 21	1 59	4 49	2 14	5 27	0 6	20 17	0 11	11 25	1 55	6 55	0 45	21 19	0 55	28 26	17 3	23 17	23 10	16 32		n.a.
W30	20s13	4s48	5s 4	23s41	2s 1	5s17	2n14	5s17	0s 4	20s20	0n11	11s27	1n55	6n54	0n45	21s19	0n55	28s25	17s 3	23s18	23s10	16n30		n.a.

Julian Day Number = 1306438.5, Delta T = 07h45m35s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'31, Lahiri = -19°38'30 Julian Calendar 1 Nov. 1137 BCE == Greg. Calendar 21 Oct. 1137 BCE

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ASTRODIENST EPHEMERIS for the year 1137 BCE
geocentric

DECEMBER 1137 BCE (-1136) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 47	29♏48'33	13♎10	7♐51	19♎39	17♓22	0♐21	4♏42	14♍30	9♐32	27♒27	11°R43	13♉ 6	8♌ 3	n.a.	T 1
F 2	4 1 43	0♐49'50	26°16	9°30	20°51	17°45	0°35	4°49	14°31	9°35	27°27	11♉36	13° 3	8° 9	n.a.	F 2
S 3	4 5 40	1°51'07	9♏46	11°10	22° 4	18° 9	0°49	4°55	14°33	9°37	27°28	11°29	13° 0	8°16	n.a.	S 3
S 4	4 9 37	2°52'24	23°36	12°50	23°16	18°32	1° 3	5° 2	14°34	9°39	27°28	11°22	12°57	8°23	n.a.	S 4
M 5	4 13 33	3°53'40	7♐45	14°30	24°28	18°56	1°17	5° 8	14°36	9°41	27°28	11°17	12°53	8°29	n.a.	M 5
T 6	4 17 30	4°54'56	22° 7	16°10	25°41	19°21	1°31	5°15	14°37	9°44	27°29	11°14	12°50	8°36	n.a.	T 6
W 7	4 21 26	5°56'11	6♉36	17°50	26°54	19°46	1°46	5°21	14°38	9°46	27°29	11°D12	12°47	8°43	n.a.	W 7
T 8	4 25 23	6°57'25	21° 6	19°30	28° 6	20°11	2° 0	5°27	14°40	9°48	27°29	11°13	12°44	8°49	n.a.	T 8
F 9	4 29 19	7°58'39	5♒33	21° 9	29°19	20°36	2°14	5°34	14°41	9°50	27°30	11°14	12°41	8°56	n.a.	F 9
S 10	4 33 16	8°59'51	19°53	22°48	0♏32	21° 1	2°28	5°40	14°42	9°53	27°30	11°15	12°37	9° 3	n.a.	S 10
S 11	4 37 13	10° 1'02	4♓ 4	24°26	1°44	21°27	2°42	5°46	14°43	9°55	27°31	11°R17	12°34	9° 9	n.a.	S 11
M12	4 41 9	11° 2'12	18° 3	26° 2	2°57	21°53	2°55	5°52	14°44	9°57	27°31	11°16	12°31	9°16	n.a.	M12
T 13	4 45 6	12° 3'21	1♈50	27°38	4°10	22°20	3° 9	5°59	14°45	10° 0	27°31	11°15	12°28	9°23	n.a.	T 13
W14	4 49 2	13° 4'28	15°25	29°11	5°23	22°46	3°23	6° 5	14°46	10° 2	27°32	11°12	12°25	9°29	n.a.	W14
T 15	4 52 59	14° 5'35	28°47	0♉43	6°36	23°13	3°37	6°11	14°47	10° 4	27°33	11° 8	12°22	9°36	n.a.	T 15
F 16	4 56 55	15° 6'40	11♉57	2°12	7°49	23°40	3°51	6°17	14°48	10° 6	27°33	11° 4	12°18	9°43	n.a.	F 16
S 17	5 0 52	16° 7'44	24°53	3°38	9° 2	24° 7	4° 5	6°23	14°48	10° 9	27°34	11° 0	12°15	9°49	n.a.	S 17
S 18	5 4 48	17° 8'47	7♊36	5° 0	10°15	24°35	4°19	6°28	14°49	10°11	27°34	10°56	12°12	9°56	n.a.	S 18
M19	5 8 45	18° 9'49	20° 6	6°18	11°28	25° 3	4°33	6°34	14°50	10°13	27°35	10°53	12° 9	10° 3	n.a.	M19
T 20	5 12 42	19°10'50	2♋23	7°31	12°41	25°30	4°47	6°40	14°50	10°15	27°36	10°52	12° 6	10° 9	n.a.	T 20
W21	5 16 38	20°11'50	14°30	8°38	13°54	25°59	5° 0	6°46	14°51	10°18	27°36	10°D52	12° 3	10°16	n.a.	W21
T 22	5 20 35	21°12'49	26°27	9°38	15° 7	26°27	5°14	6°51	14°51	10°20	27°37	10°53	11°59	10°23	n.a.	T 22
F 23	5 24 31	22°13'46	8♌19	10°31	16°21	26°55	5°28	6°57	14°52	10°22	27°38	10°54	11°56	10°29	n.a.	F 23
S 24	5 28 28	23°14'43	20° 7	11°16	17°34	27°24	5°42	7° 3	14°52	10°24	27°38	10°56	11°53	10°36	n.a.	S 24
S 25	5 32 24	24°15'38	1♍57	11°52	18°47	27°53	5°55	7° 8	14°52	10°27	27°39	10°57	11°50	10°43	n.a.	S 25
M26	5 36 21	25°16'33	13°52	12°18	20° 0	28°22	6° 9	7°14	14°53	10°29	27°40	10°58	11°47	10°49	n.a.	M26
T 27	5 40 18	26°17'26	25°58	12°34	21°14	28°51	6°23	7°19	14°53	10°31	27°41	10°R59	11°43	10°56	n.a.	T 27
W28	5 44 14	27°18'18	8♎19	12°R40	22°27	29°21	6°36	7°24	14°53	10°33	27°41	10°58	11°40	11° 2	n.a.	W28
T 29	5 48 11	28°19'10	21° 0	12°34	23°41	29°50	6°50	7°30	14°53	10°36	27°42	10°57	11°37	11° 9	n.a.	T 29
F 30	5 52 7	29°20'00	4♏ 4	12°17	24°54	0♈20	7° 3	7°35	14°R53	10°38	27°43	10°56	11°34	11°16	n.a.	F 30
S 31	5 56 4	0♉20'48	17♏33	11♉49	26♏ 7	0♈50	7♐17	7♏40	14♍53	10♐40	27♒44	10♉54	11♉31	11♌22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s26	10s 1	5s10	24s 0	2s 3	5s46	2n13	5s 6	0s 2	20s23	0n11	11s30	1n55	6n54	0n45	21s20	0n55	28s25	17s 2	23s18	23s10	16n27			n.a.
F 2	20 39	14 56	5 0	24 17	2 4	6 14	2 12	4 56	0 1	20 26	0 11	11 32	1 55	6 53	0 46	21 20	0 55	28 25	17 2	23 19	23 11	16 25			n.a.
S 3	20 52	19 17	4 33	24 32	2 5	6 42	2 11	4 45	0n 1	20 29	0 11	11 34	1 55	6 53	0 46	21 21	0 55	28 24	17 2	23 19	23 11	16 22			n.a.
S 4	21 4	22 41	3 50	24 46	2 5	7 10	2 11	4 34	0 2	20 32	0 11	11 36	1 55	6 52	0 46	21 21	0 55	28 24	17 1	23 20	23 11	16 20			n.a.
M 5	21 16	24 47	2 52	24 58	2 4	7 38	2 9	4 23	0 4	20 35	0 10	11 38	1 56	6 52	0 46	21 21	0 55	28 23	17 1	23 21	23 12	16 17			n.a.
T 6	21 28	25 18	1 42	25 9	2 4	8 6	2 8	4 12	0 5	20 38	0 10	11 40	1 56	6 51	0 46	21 22	0 55	28 23	17 1	23 21	23 12	16 15			n.a.
W 7	21 39	24 5	0 25	25 18	2 2	8 33	2 7	4 1	0 7	20 41	0 10	11 42	1 56	6 51	0 46	21 22	0 55	28 22	17 0	23 21	23 12	16 12			n.a.
T 8	21 50	21 15	0n54	25 24	2 0	9 1	2 6	3 49	0 8	20 44	0 10	11 44	1 56	6 50	0 46	21 22	0 55	28 22	17 0	23 21	23 13	16 10			n.a.
F 9	22 0	17 6	2 9	25 29	1 58	9 28	2 4	3 38	0 10	20 47	0 10	11 47	1 56	6 50	0 46	21 23	0 55	28 21	16 59	23 21	23 13	16 7			n.a.
S 10	22 10	12 0	3 16	25 32	1 54	9 56	2 3	3 27	0 11	20 50	0 10	11 49	1 56	6 49	0 46	21 23	0 55	28 21	16 59	23 21	23 13	16 5			n.a.
S 11	22 19	6 18	4 10	25 33	1 50	10 23	2 1	3 15	0 13	20 53	0 10	11 51	1 56	6 49	0 46	21 23	0 55	28 20	16 59	23 21	23 14	16 2			n.a.
M12	22 28	0 23	4 48	25 32	1 46	10 49	2 0	3 3	0 14	20 56	0 10	11 53	1 56	6 49	0 46	21 24	0 55	28 20	16 58	23 21	23 14	16 0			n.a.
T 13	22 36	5n27	5 9	25 29	1 40	11 16	1 58	2 52	0 15	20 58	0 10	11 55	1 56	6 48	0 46	21 24	0 55	28 19	16 58	23 21	23 14	15 57			n.a.
W14	22 44	10 57	5 13	25 23	1 34	11 42	1 56	2 40	0 17	21 1	0 10	11 57	1 56	6 48	0 46	21 24	0 55	28 19	16 58	23 21	23 14	15 55			n.a.
T 15	22 52	15 51	4 59	25 16	1 27	12 8	1 55	2 28	0 18	21 4	0 9	11 59	1 56	6 48	0 46	21 25	0 55	28 18	16 57	23 21	23 15	15 52			n.a.
F 16	22 59	19 56	4 29	25 7	1 18	12 34	1 53	2 16	0 19	21 7	0 9	12 0	1 56	6 47	0 46	21 25	0 55	28 18	16 57	23 22	23 15	15 49			n.a.
S 17	23 6	22 57	3 47	24 56	1 9	13 0	1 51	2 4	0 20	21 10	0 9	12 2	1 56	6 47	0 46	21 25	0 55	28 17	16 57	23 22	23 15	15 47			n.a.
S 18	23 12	24 47	2 53	24 43	0 59	13 25	1 49	1 51	0 22	21 12	0 9	12 4	1 56	6 47	0 46	21 26	0 55	28 17	16 56	23 22	23 16	15 44			n.a.
M19	23 18	25 19	1 52	24 29	0 48	13 50	1 47	1 39	0 23	21 15	0 9	12 6	1 56	6 47	0 46	21 26	0 55	28 16	16 56	23 23	23 16	15 42			n.a.
T 20	23 23	24 35	0 47	24 13	0 36	14 15	1 44	1 27	0 24	21 18	0 9	12 8	1 56	6 47	0 46	21 26	0 55	28 16	16 56	23 23	23 16	15 39			n.a.
W21	23 28	22 42	0s20	23 56	0 23	14 39	1 42	1 15	0 25	21 20	0 9	12 10	1 56	6 46	0 46	21 27	0 55	28 15	16 55	23 23	23 16	15 37			n.a.
T 22	23 32	19 49	1 25	23 37	0 9	15 3	1 40	1 2	0 26	21 23	0 9	12 12	1 57	6 46	0 46	21 27	0 55	28 15	16 55	23 23	23 17	15 34			n.a.
F 23	23 36	16 8	2 26	23 18	0n 6	15 26	1 38	0 50	0 27	21 25	0 9	12 13	1 57	6 46	0 46	21 27	0 55	28 14	16 55	23 22	23 17	15 32			n.a.
S 24	23 39	11 51	3 20	22 59	0 22	15 50	1 35	0 37	0 28	21 28	0 8	12 15	1 57	6 46	0 46	21 28	0 55	28 13	16 54	23 22	23 17	15 29			n.a.
S 25	23 42	7 7	4 6	22 39	0 38	16 12	1 33	0 24	0 29	21 31	0 8	12 17	1 57	6 46	0 46	21 28	0 55	28 13	16 54	23 22	23 18	15 26			n.a.
M26	23 45	2 7	4 42	22 20	0 56	16 35	1 30	0 12	0 30	21 33	0 8	12 19	1 57	6 46	0 46	21 28	0 55	28 12	16 54	23 22	23 18	15 24			n.a.
T 27	23 47	3s 2	5 6	22 0	1 13	16 57	1 28	0n 1	0 31	21 36	0 8	12 20	1 57	6 46	0 47	21 29	0 55	28 12	16 53	23 22	23 18	15 21			n.a.
W28	23 48	8 11	5 17	21 42	1 31	17 19	1 25	0 14	0 32	21 38	0 8	12 22	1 57	6 46	0 47	21 29	0 55	28 11	16 53	23 22	23 18	15 19			n.a.
T 29	23 49	13 8	5 12	21 24	1 50	17 40	1 23	0 27	0 33	21 40	0 8	12 24	1 57	6 46	0 47	21 29	0 55	28 10	16 53	23 22	23 19	15 16			n.a.
F 30	23 50	17 38	4 52	21 8	2 7	18 0	1 20	0 40	0 34	21 43	0 8	12 25	1 57	6 46	0 47	21 30	0 55	28 10	16 52	23 22	23 19	15 14			n.a.
S 31	23s50	21s24	4s15	20s53	2n25	18s21	1n17	0n52	0n35	21s45	0n 8	12s27	1n57	6n46	0n47	21s30	0n55	28s 9	16s52	23s22	23s19	15n11			n.a.

Julian Day Number = 1306468.5, Delta T = 07h45m34s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'27, Lahiri = -19°38'26 Julian Calendar 1 Dec. 1137 BCE == Greg. Calendar 20 Nov. 1137 BCE

The year -1136 astronomical counting style corresponds to year 1137 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

JANUARY 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 0	1♉21'36	1♐28	11°R11	27♏21	1♈20	7♐30	7♏45	14°R53	10♐42	27♒45	10°R53	11♉28	11♌29	n.a.	S 1
M 2	6 3 57	2°22'22	15°48	10♉25	28°34	1°51	7°44	7°50	14♍53	10°44	27°46	10♉52	11°24	11°36	n.a.	M 2
T 3	6 7 53	3°23'07	0♉27	9°30	29°48	2°21	7°57	7°55	14°53	10°46	27°47	10°52	11°21	11°42	n.a.	T 3
W 4	6 11 50	4°23'50	15°19	8°29	1♐ 1	2°52	8°11	8° 0	14°52	10°49	27°47	10°D52	11°18	11°49	n.a.	W 4
T 5	6 15 47	5°24'32	0♒16	7°23	2°15	3°22	8°24	8° 5	14°52	10°51	27°48	10°52	11°15	11°56	n.a.	T 5
F 6	6 19 43	6°25'12	15°10	6°14	3°28	3°53	8°37	8° 9	14°52	10°53	27°49	10°52	11°12	12° 2	n.a.	F 6
S 7	6 23 40	7°25'49	29°54	5° 4	4°42	4°24	8°50	8°14	14°51	10°55	27°50	10°53	11° 9	12° 9	n.a.	S 7
S 8	6 27 36	8°26'25	14♓22	3°56	5°55	4°55	9° 4	8°19	14°51	10°57	27°51	10°53	11° 5	12°16	n.a.	S 8
M 9	6 31 33	9°26'59	28°31	2°49	7° 9	5°26	9°17	8°23	14°50	10°59	27°52	10°53	11° 2	12°22	n.a.	M 9
T 10	6 35 29	10°27'31	12♈19	1°47	8°22	5°58	9°30	8°28	14°50	11° 1	27°53	10°53	10°59	12°29	n.a.	T 10
W11	6 39 26	11°28'00	25°47	0°50	9°36	6°29	9°43	8°32	14°49	11° 3	27°55	10°53	10°56	12°36	n.a.	W11
T 12	6 43 22	12°28'28	8♉55	29♐59	10°49	7° 1	9°56	8°36	14°48	11° 5	27°56	10°53	10°53	12°42	n.a.	T 12
F 13	6 47 19	13°28'54	21°46	29°16	12° 3	7°33	10° 8	8°40	14°47	11° 7	27°57	10°53	10°49	12°49	n.a.	F 13
S 14	6 51 16	14°29'17	4♊23	28°39	13°16	8° 5	10°21	8°45	14°47	11° 9	27°58	10°54	10°46	12°56	n.a.	S 14
S 15	6 55 12	15°29'39	16°46	28° 9	14°30	8°37	10°34	8°49	14°46	11°11	27°59	10°54	10°43	13° 3	n.a.	S 15
M16	6 59 9	16°29'59	28°59	27°48	15°44	9° 9	10°47	8°53	14°45	11°13	28° 0	10°55	10°40	13° 9	n.a.	M16
T 17	7 3 5	17°30'16	11♋ 3	27°33	16°57	9°41	10°59	8°57	14°44	11°15	28° 1	10°R55	10°37	13°16	n.a.	T 17
W18	7 7 2	18°30'32	23° 1	27°26	18°11	10°13	11°12	9° 0	14°43	11°17	28° 2	10°54	10°34	13°23	n.a.	W18
T 19	7 10 58	19°30'46	4♌53	27°D25	19°24	10°45	11°25	9° 4	14°42	11°19	28° 4	10°54	10°30	13°29	n.a.	T 19
F 20	7 14 55	20°30'57	16°43	27°31	20°38	11°18	11°37	9° 8	14°41	11°21	28° 5	10°53	10°27	13°36	n.a.	F 20
S 21	7 18 51	21°31'07	28°32	27°43	21°52	11°50	11°49	9°11	14°40	11°22	28° 6	10°51	10°24	13°43	n.a.	S 21
S 22	7 22 48	22°31'15	10♍24	28° 1	23° 5	12°23	12° 2	9°15	14°39	11°24	28° 7	10°49	10°21	13°49	n.a.	S 22
M23	7 26 45	23°31'21	22°21	28°25	24°19	12°56	12°14	9°18	14°37	11°26	28° 8	10°48	10°18	13°56	n.a.	M23
T 24	7 30 41	24°31'26	4♎27	28°53	25°32	13°29	12°26	9°22	14°36	11°28	28°10	10°46	10°14	14° 3	n.a.	T 24
W25	7 34 38	25°31'29	16°45	29°26	26°46	14° 1	12°38	9°25	14°35	11°30	28°11	10°45	10°11	14° 9	n.a.	W25
T 26	7 38 34	26°31'29	29°21	0♉ 4	28° 0	14°34	12°50	9°28	14°33	11°31	28°12	10°D45	10° 8	14°16	n.a.	T 26
F 27	7 42 31	27°31'29	12♏18	0°45	29°13	15° 8	13° 2	9°31	14°32	11°33	28°13	10°46	10° 5	14°23	n.a.	F 27
S 28	7 46 27	28°31'26	25°40	1°31	0♉27	15°41	13°14	9°34	14°30	11°35	28°15	10°47	10° 2	14°29	n.a.	S 28
S 29	7 50 24	29°31'22	9♐28	2°19	1°41	16°14	13°26	9°37	14°29	11°37	28°16	10°48	9°59	14°36	n.a.	S 29
M30	7 54 20	0♒31'16	23°43	3°12	2°54	16°47	13°38	9°40	14°27	11°38	28°17	10°49	9°55	14°43	n.a.	M30
T 31	7 58 17	1♒31'08	8♉22	4♉ 7	4♉ 8	17♈21	13♐49	9♏42	14♍26	11♐40	28♒19	10°R50	9♉52	14♌49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s49	24s 5	3s22	20s40	2n41	18s40	1n15	1n 5	0n36	21s48	0n 8	12s28	1n57	6n46	0n47	21s30	0n55	28s 9	16s52	23s23	23s20	15n 8			n.a.
M 2	23 49	25 18	2 15	20 29	2 57	19 0	1 12	1 19	0 37	21 50	0 8	12 30	1 58	6 46	0 47	21 31	0 55	28 8	16 51	23 23	23 20	15 6			n.a.
T 3	23 47	24 47	0 58	20 19	3 10	19 19	1 9	1 32	0 38	21 52	0 7	12 31	1 58	6 46	0 47	21 31	0 55	28 7	16 51	23 23	23 20	15 3			n.a.
W 4	23 45	22 32	0n25	20 11	3 22	19 37	1 7	1 45	0 39	21 55	0 7	12 33	1 58	6 46	0 47	21 31	0 55	28 7	16 51	23 23	23 20	15 1			n.a.
T 5	23 43	18 42	1 46	20 5	3 32	19 55	1 4	1 58	0 40	21 57	0 7	12 34	1 58	6 46	0 47	21 32	0 55	28 6	16 51	23 23	23 21	14 58			n.a.
F 6	23 40	13 42	2 59	20 1	3 40	20 12	1 1	2 11	0 40	21 59	0 7	12 36	1 58	6 47	0 47	21 32	0 55	28 6	16 50	23 23	23 21	14 55			n.a.
S 7	23 37	7 57	4 0	19 59	3 45	20 28	0 58	2 24	0 41	22 1	0 7	12 37	1 58	6 47	0 47	21 32	0 55	28 5	16 50	23 23	23 21	14 53			n.a.
S 8	23 33	1 53	4 45	19 58	3 49	20 44	0 55	2 38	0 42	22 3	0 7	12 39	1 58	6 47	0 47	21 32	0 55	28 4	16 50	23 23	23 22	14 50			n.a.
M 9	23 29	4n 8	5 10	19 59	3 49	21 0	0 52	2 51	0 43	22 5	0 7	12 40	1 58	6 47	0 47	21 33	0 55	28 4	16 49	23 23	23 22	14 48			n.a.
T 10	23 25	9 48	5 18	20 1	3 48	21 15	0 49	3 4	0 44	22 8	0 7	12 41	1 58	6 48	0 47	21 33	0 55	28 3	16 49	23 23	23 22	14 45			n.a.
W11	23 20	14 52	5 7	20 5	3 45	21 29	0 47	3 18	0 44	22 10	0 7	12 43	1 59	6 48	0 47	21 33	0 55	28 2	16 49	23 23	23 22	14 42			n.a.
T 12	23 14	19 7	4 41	20 10	3 39	21 43	0 44	3 31	0 45	22 12	0 7	12 44	1 59	6 48	0 47	21 34	0 55	28 2	16 49	23 23	23 23	14 40			n.a.
F 13	23 8	22 22	4 1	20 17	3 33	21 56	0 41	3 44	0 46	22 14	0 6	12 45	1 59	6 48	0 47	21 34	0 55	28 1	16 48	23 23	23 23	14 37			n.a.
S 14	23 2	24 28	3 9	20 25	3 25	22 8	0 38	3 58	0 47	22 16	0 6	12 46	1 59	6 49	0 47	21 34	0 55	28 1	16 48	23 22	23 23	14 35			n.a.
S 15	22 55	25 19	2 10	20 34	3 15	22 20	0 35	4 11	0 47	22 18	0 6	12 47	1 59	6 49	0 47	21 34	0 55	28 0	16 48	23 22	23 23	14 32			n.a.
M16	22 48	24 55	1 6	20 43	3 5	22 31	0 32	4 25	0 48	22 20	0 6	12 49	1 59	6 50	0 47	21 35	0 55	27 59	16 48	23 22	23 24	14 29			n.a.
T 17	22 40	23 21	0s 1	20 54	2 55	22 42	0 29	4 38	0 49	22 22	0 6	12 50	1 59	6 50	0 47	21 35	0 55	27 59	16 47	23 22	23 24	14 27			n.a.
W18	22 32	20 44	1 7	21 5	2 43	22 52	0 26	4 52	0 49	22 23	0 6	12 51	1 59	6 50	0 47	21 35	0 55	27 58	16 47	23 22	23 24	14 24			n.a.
T 19	22 23	17 16	2 9	21 17	2 31	23 1	0 23	5 5	0 50	22 25	0 6	12 52	2 0	6 51	0 47	21 35	0 55	27 57	16 47	23 22	23 24	14 22			n.a.
F 20	22 14	13 8	3 6	21 29	2 19	23 10	0 20	5 19	0 51	22 27	0 6	12 53	2 0	6 51	0 47	21 36	0 55	27 57	16 47	23 23	23 25	14 19			n.a.
S 21	22 5	8 31	3 55	21 41	2 7	23 17	0 17	5 32	0 51	22 29	0 6	12 54	2 0	6 52	0 47	21 36	0 55	27 56	16 47	23 23	23 25	14 16			n.a.
S 22	21 55	3 35	4 33	21 54	1 55	23 25	0 14	5 46	0 52	22 31	0 5	12 55	2 0	6 52	0 48	21 36	0 55	27 55	16 46	23 23	23 25	14 14			n.a.
M23	21 45	1s30	5 0	22 7	1 43	23 31	0 11	5 59	0 52	22 32	0 5	12 56	2 0	6 53	0 48	21 36	0 55	27 55	16 46	23 23	23 25	14 11			n.a.
T 24	21 34	6 35	5 15	22 19	1 31	23 37	0 8	6 13	0 53	22 34	0 5	12 57	2 0	6 53	0 48	21 37	0 55	27 54	16 46	23 23	23 26	14 8			n.a.
W25	21 23	11 31	5 15	22 31	1 18	23 42	0 6	6 26	0 54	22 36	0 5	12 58	2 0	6 54	0 48	21 37	0 55	27 53	16 46	23 23	23 26	14 6			n.a.
T 26	21 12	16 5	5 0	22 43	1 7	23 46	0 3	6 40	0 54	22 38	0 5	12 59	2 1	6 54	0 48	21 37	0 55	27 53	16 46	23 23	23 26	14 3			n.a.
F 27	21 0	20 3	4 30	22 55	0 55	23 50	0s 0	6 53	0 55	22 39	0 5	13 0	2 1	6 55	0 48	21 37	0 55	27 52	16 45	23 23	23 26	14 1			n.a.
S 28	20 48	23 7	3 45	23 6	0 44	23 53	0 3	7 7	0 55	22 41	0 5	13 0	2 1	6 56	0 48	21 38	0 55	27 52	16 45	23 23	23 27	13 58			n.a.
S 29	20 35	24 57	2 45	23 16	0 32	23 55	0 6	7 20	0 56	22 42	0 5	13 1	2 1	6 56	0 48	21 38	0 55	27 51	16 45	23 23	23 27	13 55			n.a.
M30	20 22	25 14	1 33	23 26	0 21	23 56	0 9	7 34	0 56	22 44	0 5	13 2	2 1	6 57	0 48	21 38	0 55	27 50	16 45	23 23	23 27	13 53			n.a.
T 31	20s 9	23s47	0s14	23s35	0n11	23s57	0s11	7n47	0n57	22s45	0n 5	13s 3	2n 1	6n58	0n48	21s38	0n55	27s50	16s45	23s23	23s27	13n50			n.a.

Julian Day Number = 1306499.5, Delta T = 07h45m32s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'23, Lahiri = -19°38'22 Julian Calendar 1 Jan. 1136 BCE == Greg. Calendar 21 Dec. 1137 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

FEBRUARY 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 2 14	2♒30'57	23♉22	5♉ 5	5♉22	17♈54	14♐ 1	9♏45	14°R24	11♐42	28♒20	10°R50	9♉49	14♌56	n.a.	W 1
T 2	8 6 10	3°30'45	8♒33	6° 6	6°35	18°28	14°12	9°48	14♍22	11°43	28°21	10♉48	9°46	15° 3	n.a.	T 2
F 3	8 10 7	4°30'31	23°46	7° 9	7°49	19° 1	14°24	9°50	14°21	11°45	28°23	10°46	9°43	15° 9	n.a.	F 3
S 4	8 14 3	5°30'14	8♓51	8°15	9° 2	19°35	14°35	9°52	14°19	11°46	28°24	10°42	9°40	15°16	n.a.	S 4
S 5	8 18 0	6°29'55	23°39	9°23	10°16	20° 9	14°46	9°55	14°17	11°48	28°25	10°39	9°36	15°23	n.a.	S 5
M 6	8 21 56	7°29'33	8♈ 5	10°33	11°30	20°43	14°57	9°57	14°15	11°49	28°27	10°36	9°33	15°29	n.a.	M 6
T 7	8 25 53	8°29'09	22° 3	11°45	12°43	21°17	15° 8	9°59	14°13	11°51	28°28	10°33	9°30	15°36	n.a.	T 7
W 8	8 29 49	9°28'43	5♉35	12°59	13°57	21°51	15°19	10° 1	14°11	11°52	28°29	10°D32	9°27	15°43	n.a.	W 8
T 9	8 33 46	10°28'14	18°41	14°15	15°11	22°25	15°30	10° 3	14° 9	11°54	28°31	10°33	9°24	15°49	n.a.	T 9
F 10	8 37 42	11°27'43	1♊25	15°33	16°24	22°59	15°41	10° 5	14° 7	11°55	28°32	10°34	9°20	15°56	n.a.	F 10
S 11	8 41 39	12°27'09	13°51	16°53	17°38	23°33	15°51	10° 6	14° 5	11°56	28°34	10°35	9°17	16° 3	n.a.	S 11
S 12	8 45 36	13°26'33	26° 3	18°14	18°51	24° 7	16° 2	10° 8	14° 3	11°58	28°35	10°37	9°14	16° 9	n.a.	S 12
M13	8 49 32	14°25'55	8♋ 4	19°37	20° 5	24°41	16°12	10° 9	14° 1	11°59	28°36	10°R38	9°11	16°16	n.a.	M13
T 14	8 53 29	15°25'14	19°59	21° 1	21°19	25°16	16°23	10°11	13°59	12° 0	28°38	10°37	9° 8	16°23	n.a.	T 14
W15	8 57 25	16°24'31	1♌50	22°27	22°32	25°50	16°33	10°12	13°57	12° 1	28°39	10°35	9° 5	16°29	n.a.	W15
T 16	9 1 22	17°23'45	13°39	23°55	23°46	26°24	16°43	10°13	13°55	12° 3	28°41	10°31	9° 1	16°36	n.a.	T 16
F 17	9 5 18	18°22'57	25°29	25°24	24°59	26°59	16°53	10°14	13°53	12° 4	28°42	10°26	8°58	16°43	n.a.	F 17
S 18	9 9 15	19°22'07	7♍21	26°54	26°13	27°33	17° 3	10°15	13°50	12° 5	28°44	10°19	8°55	16°49	n.a.	S 18
S 19	9 13 11	20°21'15	19°18	28°26	27°27	28° 8	17°13	10°16	13°48	12° 6	28°45	10°11	8°52	16°56	n.a.	S 19
M20	9 17 8	21°20'21	1♎20	29°59	28°40	28°42	17°22	10°17	13°46	12° 7	28°47	10° 4	8°49	17° 3	n.a.	M20
T 21	9 21 5	22°19'25	13°31	1♒35	29°54	29°17	17°32	10°18	13°44	12° 8	28°48	9°57	8°46	17° 9	n.a.	T 21
W22	9 25 1	23°18'27	25°53	3°11	1♒ 8	29°52	17°41	10°18	13°41	12° 9	28°49	9°52	8°42	17°16	n.a.	W22
T 23	9 28 58	24°17'27	8♏29	4°49	2°21	0♉26	17°51	10°19	13°39	12°10	28°51	9°49	8°39	17°23	n.a.	T 23
F 24	9 32 54	25°16'25	21°22	6°28	3°35	1° 1	18° 0	10°19	13°37	12°11	28°52	9°D47	8°36	17°29	n.a.	F 24
S 25	9 36 51	26°15'21	4♐36	8° 8	4°48	1°36	18° 9	10°20	13°34	12°12	28°54	9°48	8°33	17°36	n.a.	S 25
S 26	9 40 47	27°14'16	18°14	9°50	6° 2	2°11	18°18	10°20	13°32	12°13	28°55	9°49	8°30	17°43	n.a.	S 26
M27	9 44 44	28°13'08	2♉16	11°34	7°16	2°46	18°27	10°20	13°29	12°14	28°57	9°50	8°26	17°49	n.a.	M27
T 28	9 48 40	29♒11'59	16♉44	13♒19	8♒29	3♉21	18♐36	10°R20	13♍27	12♐15	28♒58	9°R50	8♉23	17♌56	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s55	20s39	1n 9	23s43	0n 1	23s57	0s14	8n 1	0n57	22s47	0n 4	13s 3	2n 1	6n58	0n48	21s38	0n55	27s49	16s45	23s23	23s28	13n47		n.a.
T 2	19 41	16 4	2 27	23 51	0s 9	23 57	0 17	8 14	0 58	22 48	0 4	13 4	2 2	6 59	0 48	21 39	0 55	27 48	16 44	23 23	23 28	13 45		n.a.
F 3	19 27	10 26	3 35	23 57	0 19	23 55	0 19	8 28	0 58	22 50	0 4	13 5	2 2	7 0	0 48	21 39	0 55	27 48	16 44	23 23	23 28	13 42		n.a.
S 4	19 12	4 16	4 27	24 2	0 28	23 53	0 22	8 41	0 59	22 51	0 4	13 5	2 2	7 0	0 48	21 39	0 55	27 47	16 44	23 23	23 28	13 39		n.a.
S 5	18 57	2n 2	5 1	24 7	0 37	23 50	0 25	8 55	0 59	22 53	0 4	13 6	2 2	7 1	0 48	21 39	0 55	27 46	16 44	23 24	23 29	13 37		n.a.
M 6	18 42	8 3	5 14	24 10	0 46	23 47	0 27	9 8	1 0	22 54	0 4	13 6	2 2	7 2	0 48	21 39	0 55	27 46	16 44	23 24	23 29	13 34		n.a.
T 7	18 26	13 28	5 8	24 12	0 54	23 42	0 30	9 21	1 0	22 55	0 4	13 7	2 2	7 3	0 48	21 40	0 55	27 45	16 44	23 24	23 29	13 31		n.a.
W 8	18 10	18 4	4 45	24 13	1 2	23 37	0 32	9 35	1 1	22 57	0 4	13 7	2 2	7 3	0 48	21 40	0 55	27 45	16 44	23 24	23 29	13 29		n.a.
T 9	17 54	21 37	4 7	24 12	1 9	23 31	0 35	9 48	1 1	22 58	0 4	13 8	2 3	7 4	0 48	21 40	0 55	27 44	16 43	23 24	23 29	13 26		n.a.
F 10	17 37	24 1	3 19	24 10	1 16	23 25	0 37	10 1	1 2	22 59	0 3	13 8	2 3	7 5	0 48	21 40	0 55	27 43	16 43	23 24	23 30	13 23		n.a.
S 11	17 21	25 11	2 22	24 7	1 23	23 18	0 39	10 15	1 2	23 1	0 3	13 9	2 3	7 6	0 48	21 40	0 56	27 43	16 43	23 24	23 30	13 21		n.a.
S 12	17 4	25 5	1 19	24 3	1 30	23 10	0 42	10 28	1 2	23 2	0 3	13 9	2 3	7 7	0 48	21 41	0 56	27 42	16 43	23 24	23 30	13 18		n.a.
M13	16 46	23 49	0 14	23 57	1 35	23 2	0 44	10 41	1 3	23 3	0 3	13 9	2 3	7 7	0 48	21 41	0 56	27 41	16 43	23 24	23 30	13 15		n.a.
T 14	16 28	21 29	0s51	23 49	1 41	22 52	0 46	10 54	1 3	23 4	0 3	13 10	2 3	7 8	0 48	21 41	0 56	27 41	16 43	23 24	23 31	13 13		n.a.
W15	16 11	18 14	1 53	23 40	1 46	22 42	0 48	11 7	1 4	23 5	0 3	13 10	2 4	7 9	0 48	21 41	0 56	27 40	16 43	23 24	23 31	13 10		n.a.
T 16	15 52	14 17	2 50	23 30	1 51	22 32	0 51	11 20	1 4	23 7	0 3	13 10	2 4	7 10	0 48	21 41	0 56	27 40	16 43	23 24	23 31	13 7		n.a.
F 17	15 34	9 47	3 40	23 17	1 55	22 21	0 53	11 33	1 4	23 8	0 3	13 10	2 4	7 11	0 48	21 41	0 56	27 39	16 43	23 25	23 31	13 5		n.a.
S 18	15 15	4 56	4 20	23 4	1 59	22 9	0 55	11 46	1 5	23 9	0 2	13 10	2 4	7 12	0 48	21 41	0 56	27 38	16 43	23 25	23 31	13 2		n.a.
S 19	14 56	0s 7	4 49	22 48	2 2	21 56	0 57	11 59	1 5	23 10	0 2	13 11	2 4	7 13	0 48	21 42	0 56	27 38	16 43	23 26	23 32	12 59		n.a.
M20	14 37	5 12	5 6	22 31	2 5	21 43	0 59	12 12	1 5	23 11	0 2	13 11	2 4	7 14	0 48	21 42	0 56	27 37	16 43	23 27	23 32	12 57		n.a.
T 21	14 18	10 9	5 9	22 12	2 8	21 29	1 1	12 25	1 6	23 12	0 2	13 11	2 4	7 15	0 48	21 42	0 56	27 37	16 43	23 27	23 32	12 54		n.a.
W22	13 58	14 46	4 57	21 52	2 10	21 15	1 2	12 38	1 6	23 13	0 2	13 11	2 5	7 15	0 48	21 42	0 56	27 36	16 43	23 27	23 32	12 51		n.a.
T 23	13 38	18 50	4 32	21 30	2 11	21 0	1 4	12 51	1 6	23 14	0 2	13 11	2 5	7 16	0 48	21 42	0 56	27 36	16 42	23 28	23 33	12 49		n.a.
F 24	13 18	22 7	3 52	21 6	2 13	20 44	1 6	13 3	1 7	23 15	0 2	13 11	2 5	7 17	0 48	21 42	0 56	27 35	16 42	23 28	23 33	12 46		n.a.
S 25	12 58	24 20	2 59	20 40	2 13	20 28	1 8	13 16	1 7	23 16	0 2	13 11	2 5	7 18	0 48	21 42	0 56	27 34	16 42	23 28	23 33	12 43		n.a.
S 26	12 38	25 12	1 54	20 13	2 13	20 11	1 9	13 29	1 7	23 17	0 2	13 11	2 5	7 19	0 48	21 42	0 56	27 34	16 42	23 28	23 33	12 40		n.a.
M27	12 17	24 29	0 41	19 43	2 13	19 54	1 11	13 41	1 8	23 18	0 1	13 11	2 5	7 20	0 48	21 42	0 56	27 33	16 42	23 28	23 33	12 38		n.a.
T 28	11s56	22s 9	0n37	19s12	2s12	19s36	1s12	13n54	1n 8	23s19	0n 1	13s11	2n 6	7n21	0n48	21s43	0n56	27s33	16s42	23s28	23s34	12n35		n.a.

Julian Day Number = 1306530.5, Delta T = 07h45m30s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'18, Lahiri = -19°38'18 Julian Calendar 1 Feb. 1136 BCE == Greg. Calendar 21 Jan. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

MARCH 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 52 37	0♓10'48	1♒34	15♒ 5	9♒43	3♉56	18♐44	10°R20	13°R24	12♐16	29♒ 0	9°R48	8♑20	18♌ 3	n.a.	W 1
T 2	9 56 33	1° 9'34	16°41	16°53	10°56	4°31	18°53	10♏20	13♍22	12°16	29° 1	9♑44	8°17	18° 9	n.a.	T 2
F 3	10 0 30	2° 8'19	1♓56	18°43	12°10	5° 6	19° 1	10°20	13°19	12°17	29° 3	9°38	8°14	18°16	n.a.	F 3
S 4	10 4 27	3° 7'01	17° 8	20°34	13°24	5°41	19° 9	10°19	13°17	12°18	29° 4	9°30	8°11	18°23	n.a.	S 4
S 5	10 8 23	4° 5'42	2♈ 7	22°26	14°37	6°16	19°17	10°19	13°14	12°19	29° 5	9°21	8° 7	18°30	n.a.	S 5
M 6	10 12 20	5° 4'20	16°44	24°20	15°51	6°51	19°25	10°18	13°12	12°19	29° 7	9°13	8° 4	18°36	n.a.	M 6
T 7	10 16 16	6° 2'55	0♉53	26°16	17° 4	7°26	19°33	10°18	13° 9	12°20	29° 8	9° 7	8° 1	18°43	n.a.	T 7
W 8	10 20 13	7° 1'29	14°33	28°13	18°18	8° 2	19°41	10°17	13° 7	12°20	29°10	9° 2	7°58	18°50	n.a.	W 8
T 9	10 24 9	8° 0'00	27°44	0♓11	19°31	8°37	19°48	10°16	13° 4	12°21	29°11	9° 0	7°55	18°56	n.a.	T 9
F 10	10 28 6	8°58'29	10♊30	2°11	20°45	9°12	19°55	10°15	13° 2	12°22	29°13	9°D 0	7°52	19° 3	n.a.	F 10
S 11	10 32 2	9°56'56	22°54	4°12	21°59	9°48	20° 3	10°14	12°59	12°22	29°14	9° 0	7°48	19°10	n.a.	S 11
S 12	10 35 59	10°55'20	5♋ 2	6°14	23°12	10°23	20°10	10°13	12°57	12°23	29°16	9°R 1	7°45	19°16	n.a.	S 12
M13	10 39 56	11°53'42	16°59	8°18	24°26	10°59	20°17	10°12	12°54	12°23	29°17	9° 1	7°42	19°23	n.a.	M13
T 14	10 43 52	12°52'02	28°49	10°23	25°39	11°34	20°23	10°10	12°51	12°23	29°18	8°59	7°39	19°30	n.a.	T 14
W15	10 47 49	13°50'20	10♌37	12°29	26°53	12° 9	20°30	10° 9	12°49	12°24	29°20	8°54	7°36	19°36	n.a.	W15
T 16	10 51 45	14°48'35	22°26	14°36	28° 6	12°45	20°36	10° 8	12°46	12°24	29°21	8°47	7°32	19°43	n.a.	T 16
F 17	10 55 42	15°46'49	4♍19	16°43	29°20	13°21	20°43	10° 6	12°44	12°24	29°23	8°37	7°29	19°50	n.a.	F 17
S 18	10 59 38	16°45'00	16°17	18°52	0♓33	13°56	20°49	10° 4	12°41	12°25	29°24	8°26	7°26	19°56	n.a.	S 18
S 19	11 3 35	17°43'10	28°22	21° 0	1°47	14°32	20°55	10° 3	12°39	12°25	29°25	8°13	7°23	20° 3	n.a.	S 19
M20	11 7 31	18°41'17	10♎35	23° 8	3° 0	15° 7	21° 1	10° 1	12°36	12°25	29°27	8° 1	7°20	20°10	n.a.	M20
T 21	11 11 28	19°39'23	22°58	25°16	4°14	15°43	21° 6	9°59	12°34	12°25	29°28	7°50	7°17	20°16	n.a.	T 21
W22	11 15 24	20°37'28	5♏30	27°24	5°27	16°19	21°12	9°57	12°31	12°25	29°30	7°40	7°13	20°23	n.a.	W22
T 23	11 19 21	21°35'30	18°14	29°31	6°41	16°54	21°17	9°55	12°28	12°25	29°31	7°34	7°10	20°30	n.a.	T 23
F 24	11 23 18	22°33'31	1♐12	1♈37	7°55	17°30	21°23	9°52	12°26	12°25	29°32	7°30	7° 7	20°36	n.a.	F 24
S 25	11 27 14	23°31'31	14°26	3°41	9° 8	18° 6	21°28	9°50	12°23	12°26	29°34	7°28	7° 4	20°43	n.a.	S 25
S 26	11 31 11	24°29'30	27°58	5°44	10°22	18°42	21°32	9°48	12°21	12°R26	29°35	7°D28	7° 1	20°50	n.a.	S 26
M27	11 35 7	25°27'26	11♑50	7°44	11°35	19°17	21°37	9°45	12°18	12°26	29°36	7°R28	6°57	20°56	n.a.	M27
T 28	11 39 4	26°25'22	26° 4	9°43	12°49	19°53	21°42	9°43	12°16	12°25	29°38	7°27	6°54	21° 3	n.a.	T 28
W29	11 43 0	27°23'16	10♒37	11°38	14° 2	20°29	21°46	9°40	12°14	12°25	29°39	7°24	6°51	21°10	n.a.	W29
T 30	11 46 57	28°21'08	25°27	13°32	15°16	21° 5	21°50	9°38	12°11	12°25	29°40	7°18	6°48	21°17	n.a.	T 30
F 31	11 50 53	29♓18'59	10♓27	15♈22	16♓29	21♉41	21♐54	9♏35	12♍ 9	12♐25	29♒42	7♑10	6♑45	21♌23	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s35	18s17	1n54	18s39	2s11	19s17	1s14	14n 6	1n 8	23s19	0n 1	13s10	2n 6	7n22	0n48	21s43	0n56	27s32	16s42	23s28	23s34	12n32			n.a.
T 2	11 14	13 9	3 5	18 4	2 9	18 58	1 15	14 18	1 8	23 20	0 1	13 10	2 6	7 23	0 48	21 43	0 56	27 32	16 42	23 28	23 34	12 30			n.a.
F 3	10 53	7 11	4 3	17 28	2 7	18 39	1 16	14 31	1 9	23 21	0 1	13 10	2 6	7 24	0 48	21 43	0 56	27 31	16 42	23 28	23 34	12 27			n.a.
S 4	10 32	0 49	4 43	16 49	2 4	18 18	1 17	14 43	1 9	23 22	0 1	13 10	2 6	7 25	0 48	21 43	0 56	27 31	16 42	23 29	23 34	12 24			n.a.
S 5	10 10	5n29	5 4	16 9	2 0	17 58	1 19	14 55	1 9	23 23	0 1	13 9	2 6	7 26	0 48	21 43	0 56	27 30	16 43	23 30	23 35	12 22			n.a.
M 6	9 48	11 20	5 3	15 27	1 56	17 37	1 20	15 7	1 10	23 23	0 1	13 9	2 6	7 27	0 48	21 43	0 56	27 30	16 43	23 30	23 35	12 19			n.a.
T 7	9 26	16 24	4 44	14 43	1 52	17 15	1 21	15 19	1 10	23 24	0 0	13 9	2 7	7 28	0 48	21 43	0 56	27 29	16 43	23 31	23 35	12 16			n.a.
W 8	9 4	20 26	4 10	13 57	1 47	16 53	1 22	15 31	1 10	23 25	0 0	13 8	2 7	7 29	0 48	21 43	0 56	27 29	16 43	23 31	23 35	12 13			n.a.
T 9	8 42	23 16	3 22	13 10	1 41	16 31	1 23	15 43	1 10	23 26	0 0	13 8	2 7	7 30	0 48	21 43	0 56	27 28	16 43	23 31	23 35	12 11			n.a.
F 10	8 20	24 48	2 27	12 20	1 35	16 8	1 23	15 55	1 11	23 26	0 0	13 8	2 7	7 31	0 48	21 43	0 56	27 28	16 43	23 31	23 36	12 8			n.a.
S 11	7 58	25 3	1 25	11 29	1 28	15 44	1 24	16 6	1 11	23 27	0s 0	13 7	2 7	7 32	0 48	21 43	0 56	27 27	16 43	23 31	23 36	12 5			n.a.
S 12	7 35	24 5	0 21	10 37	1 21	15 20	1 25	16 18	1 11	23 28	0 0	13 7	2 7	7 33	0 48	21 43	0 56	27 27	16 43	23 31	23 36	12 3			n.a.
M13	7 13	22 2	0s42	9 43	1 13	14 56	1 26	16 29	1 11	23 28	0 0	13 6	2 7	7 34	0 48	21 43	0 56	27 26	16 43	23 31	23 36	12 0			n.a.
T 14	6 50	19 2	1 44	8 47	1 5	14 32	1 26	16 41	1 11	23 29	0 0	13 6	2 8	7 35	0 48	21 43	0 56	27 26	16 43	23 31	23 36	11 57			n.a.
W15	6 27	15 18	2 40	7 51	0 56	14 7	1 27	16 52	1 12	23 30	0 1	13 5	2 8	7 36	0 48	21 43	0 56	27 25	16 43	23 32	23 37	11 54			n.a.
T 16	6 5	10 58	3 30	6 53	0 47	13 41	1 27	17 3	1 12	23 30	0 1	13 4	2 8	7 37	0 48	21 43	0 56	27 25	16 43	23 32	23 37	11 52			n.a.
F 17	5 42	6 13	4 10	5 53	0 37	13 15	1 28	17 15	1 12	23 31	0 1	13 4	2 8	7 38	0 48	21 43	0 56	27 24	16 43	23 33	23 37	11 49			n.a.
S 18	5 19	1 13	4 40	4 54	0 27	12 49	1 28	17 26	1 12	23 31	0 1	13 3	2 8	7 39	0 48	21 43	0 56	27 24	16 43	23 33	23 37	11 46			n.a.
S 19	4 56	3s52	4 57	3 53	0 17	12 23	1 28	17 37	1 12	23 32	0 1	13 2	2 8	7 40	0 48	21 43	0 56	27 23	16 44	23 34	23 37	11 44			n.a.
M20	4 33	8 52	5 1	2 52	0 6	11 56	1 28	17 48	1 13	23 33	0 1	13 2	2 8	7 41	0 48	21 43	0 56	27 23	16 44	23 35	23 37	11 41			n.a.
T 21	4 10	13 34	4 51	1 50	0n 4	11 29	1 28	17 58	1 13	23 33	0 1	13 1	2 8	7 42	0 48	21 44	0 56	27 23	16 44	23 36	23 38	11 38			n.a.
W22	3 46	17 45	4 27	0 49	0 15	11 2	1 29	18 9	1 13	23 34	0 2	13 0	2 9	7 43	0 48	21 43	0 56	27 22	16 44	23 36	23 38	11 35			n.a.
T 23	3 23	21 12	3 50	0n12	0 26	10 34	1 29	18 20	1 13	23 34	0 2	12 59	2 9	7 44	0 48	21 43	0 56	27 22	16 44	23 37	23 38	11 33			n.a.
F 24	3 0	23 40	3 0	1 13	0 37	10 6	1 28	18 30	1 13	23 35	0 2	12 59	2 9	7 45	0 48	21 43	0 56	27 21	16 44	23 37	23 38	11 30			n.a.
S 25	2 37	24 52	1 59	2 13	0 48	9 38	1 28	18 40	1 13	23 35	0 2	12 58	2 9	7 46	0 48	21 43	0 56	27 21	16 44	23 37	23 38	11 27			n.a.
S 26	2 13	24 39	0 50	3 12	0 59	9 10	1 28	18 51	1 14	23 35	0 2	12 57	2 9	7 47	0 48	21 43	0 56	27 21	16 44	23 37	23 38	11 24			n.a.
M27	1 50	22 55	0n23	4 10	1 9	8 41	1 28	19 1	1 14	23 36	0 2	12 56	2 9	7 48	0 48	21 43	0 56	27 20	16 45	23 37	23 39	11 22			n.a.
T 28	1 27	19 42	1 37	5 7	1 19	8 12	1 28	19 11	1 14	23 36	0 2	12 55	2 9	7 49	0 48	21 43	0 56	27 20	16 45	23 37	23 39	11 19			n.a.
W29	1 3	15 12	2 46	6 2	1 29	7 43	1 27	19 21	1 14	23 37	0 3	12 54	2 9	7 50	0 48	21 43	0 56	27 20	16 45	23 37	23 39	11 16			n.a.
T 30	0 40	9 43	3 45	6 56	1 38	7 14	1 27	19 31	1 14	23 37	0 3	12 53	2 9	7 51	0 48	21 43	0 56	27 19	16 45	23 38	23 39	11 13			n.a.
F 31	0s17	3s38	4n29	7n47	1n47	6s44	1s26	19n41	1n14	23s38	0s 3	12s52	2n10	7n51	0n48	21s43	0n56	27s19	16s45	23s38	23s39	11n11			n.a.

Julian Day Number = 1306558.5, Delta T = 07h45m29s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'15, Lahiri = -19°38'14 Julian Calendar 1 March 1136 BCE == Greg. Calendar 18 Feb. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

APRIL 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 50	0♈16'49	25♓29	17♈ 9	17♓43	22♉17	21♐58	9°R32	12°R 6	12°R25	29♒43	7°R 0	6♑42	21♌30	n.a.	S 1
S 2	11 58 46	1°14'36	10♈21	18°53	18°56	22°53	22° 2	9♏29	12♍ 4	12♐25	29°44	6♑48	6°38	21°37	n.a.	S 2
M 3	12 2 43	2°12'23	24°57	20°34	20°10	23°29	22° 5	9°26	12° 2	12°24	29°46	6°38	6°35	21°43	n.a.	M 3
T 4	12 6 40	3°10'07	9♉ 8	22°11	21°23	24° 5	22° 9	9°23	11°59	12°24	29°47	6°28	6°32	21°50	n.a.	T 4
W 5	12 10 36	4° 7'50	22°52	23°45	22°37	24°41	22°12	9°20	11°57	12°24	29°48	6°21	6°29	21°57	n.a.	W 5
T 6	12 14 33	5° 5'31	6♊ 7	25°15	23°51	25°17	22°15	9°17	11°55	12°23	29°49	6°17	6°26	22° 3	n.a.	T 6
F 7	12 18 29	6° 3'11	18°56	26°42	25° 4	25°53	22°17	9°14	11°52	12°23	29°50	6°15	6°23	22°10	n.a.	F 7
S 8	12 22 26	7° 0'49	1♋23	28° 5	26°18	26°29	22°20	9°10	11°50	12°23	29°52	6°14	6°19	22°17	n.a.	S 8
S 9	12 26 22	7°58'25	13°32	29°24	27°31	27° 5	22°22	9° 7	11°48	12°22	29°53	6°14	6°16	22°23	n.a.	S 9
M10	12 30 19	8°55'59	25°29	0♌40	28°45	27°41	22°25	9° 3	11°46	12°22	29°54	6°14	6°13	22°30	n.a.	M10
T 11	12 34 15	9°53'32	7♌20	1°51	29°58	28°18	22°27	9° 0	11°44	12°21	29°55	6°11	6°10	22°37	n.a.	T 11
W12	12 38 12	10°51'03	19° 8	2°59	1♈12	28°54	22°29	8°56	11°41	12°21	29°56	6° 7	6° 7	22°43	n.a.	W12
T 13	12 42 9	11°48'33	1♍ 0	4° 3	2°25	29°30	22°30	8°53	11°39	12°20	29°58	5°59	6° 3	22°50	n.a.	T 13
F 14	12 46 5	12°46'01	12°57	5° 3	3°39	0♊ 6	22°32	8°49	11°37	12°20	29°59	5°49	6° 0	22°57	n.a.	F 14
S 15	12 50 2	13°43'28	25° 2	5°58	4°52	0°43	22°33	8°45	11°35	12°19	29°59	5°37	5°57	23° 4	n.a.	S 15
S 16	12 53 58	14°40'53	7♎18	6°50	6° 6	1°19	22°34	8°42	11°33	12°18	0♓ 1	5°24	5°54	23°10	n.a.	S 16
M17	12 57 55	15°38'18	19°45	7°37	7°19	1°55	22°35	8°38	11°31	12°18	0° 2	5°11	5°51	23°17	n.a.	M17
T 18	13 1 51	16°35'41	2♏23	8°20	8°33	2°31	22°36	8°34	11°29	12°17	0° 3	5° 0	5°48	23°24	n.a.	T 18
W19	13 5 48	17°33'03	15°12	8°59	9°46	3° 8	22°36	8°30	11°27	12°16	0° 4	4°50	5°44	23°30	n.a.	W19
T 20	13 9 44	18°30'24	28°13	9°33	11° 0	3°44	22°37	8°26	11°25	12°15	0° 5	4°43	5°41	23°37	n.a.	T 20
F 21	13 13 41	19°27'44	11♐25	10° 3	12°13	4°21	22°R37	8°22	11°24	12°15	0° 6	4°38	5°38	23°44	n.a.	F 21
S 22	13 17 38	20°25'04	24°49	10°28	13°27	4°57	22°37	8°18	11°22	12°14	0° 7	4°37	5°35	23°50	n.a.	S 22
S 23	13 21 34	21°22'23	8♑26	10°49	14°40	5°33	22°36	8°14	11°20	12°13	0° 8	4°D36	5°32	23°57	n.a.	S 23
M24	13 25 31	22°19'41	22°17	11° 5	15°54	6°10	22°36	8°10	11°18	12°12	0° 9	4°R37	5°29	24° 4	n.a.	M24
T 25	13 29 27	23°16'58	6♒22	11°16	17° 8	6°46	22°35	8° 6	11°17	12°11	0°10	4°36	5°25	24°10	n.a.	T 25
W26	13 33 24	24°14'15	20°41	11°23	18°21	7°23	22°35	8° 2	11°15	12°10	0°11	4°34	5°22	24°17	n.a.	W26
T 27	13 37 20	25°11'31	5♓11	11°R25	19°35	7°59	22°34	7°57	11°13	12° 9	0°12	4°29	5°19	24°24	n.a.	T 27
F 28	13 41 17	26° 8'47	19°49	11°23	20°48	8°36	22°32	7°53	11°12	12° 8	0°13	4°22	5°16	24°30	n.a.	F 28
S 29	13 45 13	27° 6'01	4♈27	11°16	22° 2	9°12	22°31	7°49	11°10	12° 7	0°14	4°13	5°13	24°37	n.a.	S 29
S 30	13 49 10	28♈ 3'16	19♈ 0	11♉ 5	23♈15	9♊49	22♐30	7♏45	11♍ 9	12♐ 6	0♓15	4♑ 3	5♑ 9	24♌44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 7	2n40	4n55	8n37	1n55	6s14	1s26	19n50	1n15	23s38	0s 3	12s51	2n10	7n52	0n48	21s43	0n56	27s19	16s45	23s39	23s39	11n 8		n.a.
S 2	0 30	8 45	5 0	9 24	2 3	5 45	1 25	20 0	1 15	23 38	0 3	12 50	2 10	7 53	0 48	21 43	0 56	27 18	16 46	23 39	23 40	11 5		n.a.
M 3	0 53	14 14	4 46	10 9	2 10	5 15	1 24	20 9	1 15	23 39	0 3	12 49	2 10	7 54	0 48	21 43	0 56	27 18	16 46	23 40	23 40	11 3		n.a.
T 4	1 17	18 46	4 14	10 52	2 16	4 44	1 23	20 18	1 15	23 39	0 3	12 48	2 10	7 55	0 48	21 43	0 56	27 18	16 46	23 40	23 40	11 0		n.a.
W 5	1 40	22 8	3 28	11 33	2 21	4 14	1 23	20 28	1 15	23 39	0 4	12 47	2 10	7 56	0 48	21 43	0 57	27 17	16 46	23 41	23 40	10 57		n.a.
T 6	2 3	24 11	2 32	12 11	2 26	3 44	1 22	20 37	1 15	23 40	0 4	12 46	2 10	7 57	0 48	21 43	0 57	27 17	16 46	23 41	23 40	10 54		n.a.
F 7	2 27	24 52	1 30	12 47	2 30	3 13	1 21	20 46	1 15	23 40	0 4	12 45	2 10	7 58	0 48	21 43	0 57	27 17	16 47	23 41	23 40	10 52		n.a.
S 8	2 50	24 15	0 26	13 21	2 34	2 43	1 20	20 54	1 15	23 40	0 4	12 44	2 10	7 59	0 48	21 43	0 57	27 17	16 47	23 41	23 41	10 49		n.a.
S 9	3 13	22 29	0s39	13 52	2 36	2 12	1 19	21 3	1 15	23 41	0 4	12 43	2 10	7 59	0 48	21 43	0 57	27 16	16 47	23 41	23 41	10 46		n.a.
M10	3 36	19 45	1 40	14 21	2 38	1 41	1 18	21 12	1 16	23 41	0 4	12 42	2 10	8 0	0 48	21 43	0 57	27 16	16 47	23 41	23 41	10 43		n.a.
T 11	3 59	16 13	2 37	14 47	2 38	1 11	1 16	21 20	1 16	23 41	0 5	12 40	2 10	8 1	0 48	21 43	0 57	27 16	16 47	23 41	23 41	10 40		n.a.
W12	4 22	12 4	3 26	15 11	2 38	0 40	1 15	21 28	1 16	23 41	0 5	12 39	2 10	8 2	0 48	21 42	0 57	27 16	16 48	23 41	23 41	10 38		n.a.
T 13	4 45	7 27	4 7	15 32	2 37	0 9	1 14	21 36	1 16	23 42	0 5	12 38	2 10	8 3	0 48	21 42	0 57	27 16	16 48	23 42	23 41	10 35		n.a.
F 14	5 7	2 33	4 37	15 51	2 35	0n22	1 13	21 44	1 16	23 42	0 5	12 37	2 11	8 3	0 48	21 42	0 57	27 15	16 48	23 42	23 42	10 32		n.a.
S 15	5 30	2s30	4 55	16 7	2 32	0 53	1 11	21 52	1 16	23 42	0 5	12 36	2 11	8 4	0 48	21 42	0 57	27 15	16 48	23 43	23 42	10 29		n.a.
S 16	5 53	7 31	5 0	16 21	2 28	1 24	1 10	22 0	1 16	23 42	0 5	12 34	2 11	8 5	0 48	21 42	0 57	27 15	16 49	23 43	23 42	10 27		n.a.
M17	6 15	12 19	4 51	16 32	2 24	1 55	1 8	22 7	1 16	23 43	0 5	12 33	2 11	8 6	0 48	21 42	0 57	27 15	16 49	23 44	23 42	10 24		n.a.
T 18	6 38	16 40	4 27	16 41	2 18	2 25	1 7	22 15	1 16	23 43	0 6	12 32	2 11	8 6	0 48	21 42	0 57	27 15	16 49	23 44	23 42	10 21		n.a.
W19	7 0	20 19	3 50	16 48	2 11	2 56	1 5	22 22	1 16	23 43	0 6	12 30	2 11	8 7	0 48	21 42	0 57	27 14	16 49	23 44	23 42	10 18		n.a.
T 20	7 22	23 0	3 0	16 52	2 4	3 27	1 4	22 29	1 16	23 43	0 6	12 29	2 11	8 8	0 48	21 42	0 57	27 14	16 50	23 45	23 42	10 16		n.a.
F 21	7 44	24 29	2 0	16 53	1 55	3 58	1 2	22 36	1 16	23 43	0 6	12 28	2 11	8 9	0 48	21 42	0 57	27 14	16 50	23 45	23 42	10 13		n.a.
S 22	8 6	24 35	0 52	16 53	1 46	4 28	1 0	22 43	1 16	23 44	0 6	12 27	2 11	8 9	0 48	21 41	0 57	27 14	16 50	23 45	23 43	10 10		n.a.
S 23	8 28	23 13	0n20	16 49	1 36	4 59	0 58	22 50	1 16	23 44	0 6	12 25	2 11	8 10	0 48	21 41	0 57	27 14	16 51	23 45	23 43	10 7		n.a.
M24	8 50	20 26	1 32	16 44	1 24	5 29	0 57	22 57	1 16	23 44	0 7	12 24	2 11	8 10	0 48	21 41	0 57	27 14	16 51	23 45	23 43	10 5		n.a.
T 25	9 11	16 24	2 40	16 36	1 12	5 59	0 55	23 3	1 17	23 44	0 7	12 22	2 11	8 11	0 48	21 41	0 57	27 14	16 51	23 45	23 43	10 2		n.a.
W26	9 33	11 23	3 39	16 26	0 59	6 30	0 53	23 9	1 17	23 44	0 7	12 21	2 11	8 12	0 48	21 41	0 57	27 14	16 51	23 45	23 43	9 59		n.a.
T 27	9 54	5 40	4 24	16 14	0 46	7 0	0 51	23 15	1 17	23 44	0 7	12 20	2 11	8 12	0 48	21 41	0 57	27 14	16 52	23 45	23 43	9 56		n.a.
F 28	10 15	0n23	4 53	15 59	0 31	7 30	0 49	23 21	1 17	23 44	0 7	12 18	2 11	8 13	0 48	21 41	0 57	27 13	16 52	23 45	23 43	9 53		n.a.
S 29	10 36	6 25	5 3	15 43	0 16	7 59	0 47	23 27	1 17	23 44	0 8	12 17	2 11	8 13	0 48	21 40	0 57	27 13	16 52	23 46	23 44	9 51		n.a.
S 30	10n57	12n 3	4n53	15n24	0n 0	8n29	0s45	23n33	1n17	23s44	0s 8	12s16	2n11	8n14	0n47	21s40	0n57	27s13	16s53	23s46	23s44	9n48		n.a.

Julian Day Number = 1306589.5, Delta T = 07h45m27s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'10, Lahiri = -19°38'10 Julian Calendar 1 Apr. 1136 BCE == Greg. Calendar 21 March 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

MAY 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 53 7	29♈ 0'29	3♉19	10°R50	24♈29	10♊26	22°R28	7°R40	11°R 7	12°R 5	0♓16	3°R53	5♋ 6	24♌51	n.a.	M 1
T 2	13 57 3	29°57'42	17°19	10♉32	25°43	11° 2	22♐26	7♏36	11♍ 6	12♐ 4	0°16	3♋44	5° 3	24°57	n.a.	T 2
W 3	14 1 0	0♉54'54	0♊56	10° 9	26°56	11°39	22°24	7°32	11° 4	12° 3	0°17	3°38	5° 0	25° 4	n.a.	W 3
T 4	14 4 56	1°52'05	14° 8	9°44	28°10	12°16	22°21	7°27	11° 3	12° 2	0°18	3°34	4°57	25°11	n.a.	T 4
F 5	14 8 53	2°49'16	26°57	9°16	29°23	12°52	22°19	7°23	11° 2	12° 1	0°19	3°32	4°54	25°17	n.a.	F 5
S 6	14 12 49	3°46'25	9♋25	8°45	0♉37	13°29	22°16	7°19	11° 1	12° 0	0°20	3°D32	4°50	25°24	n.a.	S 6
S 7	14 16 46	4°43'34	21°36	8°13	1°51	14° 6	22°13	7°14	10°59	11°58	0°20	3°33	4°47	25°31	n.a.	S 7
M 8	14 20 43	5°40'42	3♌35	7°40	3° 4	14°42	22°10	7°10	10°58	11°57	0°21	3°R34	4°44	25°37	n.a.	M 8
T 9	14 24 39	6°37'49	15°28	7° 6	4°18	15°19	22° 7	7° 6	10°57	11°56	0°22	3°33	4°41	25°44	n.a.	T 9
W10	14 28 36	7°34'56	27°19	6°32	5°31	15°56	22° 4	7° 1	10°56	11°55	0°22	3°31	4°38	25°51	n.a.	W10
T 11	14 32 32	8°32'02	9♍13	5°59	6°45	16°33	22° 0	6°57	10°55	11°53	0°23	3°27	4°34	25°57	n.a.	T 11
F 12	14 36 29	9°29'07	21°14	5°26	7°59	17°10	21°57	6°52	10°54	11°52	0°24	3°21	4°31	26° 4	n.a.	F 12
S 13	14 40 25	10°26'11	3♎26	4°55	9°12	17°47	21°53	6°48	10°53	11°51	0°24	3°13	4°28	26°11	n.a.	S 13
S 14	14 44 22	11°23'15	15°52	4°27	10°26	18°23	21°49	6°44	10°53	11°50	0°25	3° 4	4°25	26°18	n.a.	S 14
M15	14 48 18	12°20'19	28°32	4° 1	11°40	19° 0	21°44	6°39	10°52	11°48	0°26	2°55	4°22	26°24	n.a.	M15
T 16	14 52 15	13°17'22	11♏27	3°38	12°53	19°37	21°40	6°35	10°51	11°47	0°26	2°47	4°19	26°31	n.a.	T 16
W17	14 56 12	14°14'26	24°36	3°19	14° 7	20°14	21°35	6°31	10°50	11°45	0°27	2°40	4°15	26°38	n.a.	W17
T 18	15 0 8	15°11'29	7♐58	3° 3	15°21	20°51	21°31	6°26	10°50	11°44	0°27	2°35	4°12	26°44	n.a.	T 18
F 19	15 4 5	16° 8'32	21°32	2°52	16°34	21°28	21°26	6°22	10°49	11°43	0°28	2°33	4° 9	26°51	n.a.	F 19
S 20	15 8 1	17° 5'35	5♑16	2°45	17°48	22° 5	21°21	6°18	10°49	11°41	0°28	2°D33	4° 6	26°58	n.a.	S 20
S 21	15 11 58	18° 2'39	19° 9	2°D43	19° 2	22°42	21°16	6°13	10°48	11°40	0°29	2°33	4° 3	27° 4	n.a.	S 21
M22	15 15 54	18°59'42	3♒10	2°45	20°15	23°19	21°10	6° 9	10°48	11°38	0°29	2°35	4° 0	27°11	n.a.	M22
T 23	15 19 51	19°56'46	17°17	2°52	21°29	23°56	21° 5	6° 5	10°47	11°37	0°30	2°R35	3°56	27°18	n.a.	T 23
W24	15 23 47	20°53'50	1♓29	3° 5	22°43	24°33	20°59	6° 1	10°47	11°35	0°30	2°35	3°53	27°25	n.a.	W24
T 25	15 27 44	21°50'54	15°45	3°22	23°56	25°11	20°53	5°57	10°47	11°34	0°30	2°33	3°50	27°31	n.a.	T 25
F 26	15 31 41	22°47'59	0♈ 1	3°44	25°10	25°48	20°48	5°53	10°46	11°32	0°31	2°29	3°47	27°38	n.a.	F 26
S 27	15 35 37	23°45'04	14°14	4°10	26°24	26°25	20°42	5°49	10°46	11°31	0°31	2°24	3°44	27°45	n.a.	S 27
S 28	15 39 34	24°42'09	28°19	4°42	27°38	27° 2	20°35	5°45	10°46	11°29	0°31	2°18	3°40	27°51	n.a.	S 28
M29	15 43 30	25°39'15	12♉13	5°19	28°51	27°39	20°29	5°41	10°46	11°28	0°32	2°13	3°37	27°58	n.a.	M29
T 30	15 47 27	26°36'21	25°52	6° 0	0♊ 5	28°17	20°23	5°37	10°D46	11°26	0°32	2° 8	3°34	28° 5	n.a.	T 30
W31	15 51 23	27♉33'28	9♊12	6♉47	1♊19	28♊54	20♐16	5♏33	10♍46	11♐25	0♓32	2♋ 4	3♋31	28♌11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n18	16n57	4n24	15n 4	0s16	8n58	0s43	23n38	1n17	23s45	0s 8	12s14	2n11	8n15	0n47	21s40	0n57	27s13	16s53	23s46	23s44	9n45		n.a.
T 2	11 38	20 47	3 40	14 43	0 32	9 28	0 41	23 44	1 17	23 45	0 8	12 13	2 11	8 15	0 47	21 40	0 57	27 13	16 53	23 47	23 44	9 42		n.a.
W 3	11 59	23 22	2 45	14 20	0 49	9 57	0 39	23 49	1 17	23 45	0 8	12 11	2 11	8 16	0 47	21 40	0 57	27 13	16 54	23 47	23 44	9 40		n.a.
T 4	12 19	24 33	1 42	13 55	1 6	10 25	0 37	23 54	1 17	23 45	0 8	12 10	2 11	8 16	0 47	21 40	0 57	27 13	16 54	23 47	23 44	9 37		n.a.
F 5	12 39	24 23	0 35	13 30	1 23	10 54	0 35	23 59	1 17	23 45	0 9	12 9	2 11	8 16	0 47	21 40	0 57	27 13	16 54	23 47	23 44	9 34		n.a.
S 6	12 59	22 58	0s31	13 5	1 40	11 22	0 32	24 4	1 17	23 45	0 9	12 7	2 11	8 17	0 47	21 39	0 57	27 13	16 55	23 47	23 44	9 31		n.a.
S 7	13 18	20 30	1 35	12 39	1 56	11 50	0 30	24 8	1 17	23 45	0 9	12 6	2 11	8 17	0 47	21 39	0 57	27 13	16 55	23 47	23 45	9 28		n.a.
M 8	13 38	17 11	2 34	12 13	2 12	12 18	0 28	24 13	1 17	23 45	0 9	12 4	2 11	8 18	0 47	21 39	0 57	27 13	16 55	23 47	23 45	9 26		n.a.
T 9	13 57	13 12	3 25	11 48	2 27	12 45	0 26	24 17	1 17	23 45	0 9	12 3	2 10	8 18	0 47	21 39	0 57	27 13	16 56	23 47	23 45	9 23		n.a.
W10	14 16	8 44	4 7	11 23	2 42	13 13	0 23	24 21	1 17	23 45	0 9	12 2	2 10	8 18	0 47	21 39	0 57	27 13	16 56	23 47	23 45	9 20		n.a.
T 11	14 35	3 56	4 39	10 59	2 55	13 39	0 21	24 25	1 17	23 45	0 10	12 0	2 10	8 19	0 47	21 39	0 57	27 13	16 56	23 47	23 45	9 17		n.a.
F 12	14 53	1s 2	4 59	10 36	3 8	14 6	0 19	24 28	1 17	23 45	0 10	11 59	2 10	8 19	0 47	21 38	0 57	27 14	16 57	23 47	23 45	9 15		n.a.
S 13	15 12	6 3	5 6	10 15	3 19	14 32	0 17	24 32	1 17	23 45	0 10	11 58	2 10	8 19	0 47	21 38	0 57	27 14	16 57	23 47	23 45	9 12		n.a.
S 14	15 30	10 55	4 58	9 56	3 29	14 58	0 14	24 35	1 17	23 45	0 10	11 56	2 10	8 20	0 47	21 38	0 57	27 14	16 57	23 48	23 45	9 9		n.a.
M15	15 47	15 25	4 36	9 39	3 38	15 23	0 12	24 38	1 17	23 44	0 10	11 55	2 10	8 20	0 47	21 38	0 57	27 14	16 58	23 48	23 45	9 6		n.a.
T 16	16 5	19 18	4 0	9 24	3 46	15 49	0 10	24 41	1 17	23 44	0 11	11 53	2 10	8 20	0 47	21 38	0 57	27 14	16 58	23 48	23 46	9 3		n.a.
W17	16 22	22 17	3 10	9 11	3 52	16 13	0 7	24 44	1 17	23 44	0 11	11 52	2 10	8 20	0 47	21 37	0 57	27 14	16 58	23 48	23 46	9 1		n.a.
T 18	16 39	24 7	2 9	9 1	3 57	16 38	0 5	24 47	1 17	23 44	0 11	11 51	2 10	8 21	0 47	21 37	0 57	27 14	16 59	23 48	23 46	8 58		n.a.
F 19	16 56	24 32	0 59	8 54	4 1	17 1	0 2	24 49	1 17	23 44	0 11	11 49	2 10	8 21	0 47	21 37	0 57	27 14	16 59	23 48	23 46	8 55		n.a.
S 20	17 13	23 29	0n15	8 49	4 3	17 25	0 0	24 52	1 17	23 44	0 11	11 48	2 10	8 21	0 47	21 37	0 57	27 14	16 59	23 48	23 46	8 52		n.a.
S 21	17 29	20 58	1 29	8 47	4 4	17 48	0n 2	24 54	1 17	23 44	0 11	11 47	2 10	8 21	0 47	21 37	0 57	27 15	17 0	23 48	23 46	8 49		n.a.
M22	17 45	17 12	2 38	8 48	4 4	18 10	0 5	24 56	1 16	23 43	0 12	11 45	2 9	8 21	0 47	21 36	0 57	27 15	17 0	23 48	23 46	8 47		n.a.
T 23	18 1	12 27	3 38	8 52	4 3	18 32	0 7	24 58	1 16	23 43	0 12	11 44	2 9	8 21	0 47	21 36	0 57	27 15	17 0	23 48	23 46	8 44		n.a.
W24	18 16	6 59	4 26	8 59	4 0	18 54	0 9	24 59	1 16	23 43	0 12	11 43	2 9	8 22	0 47	21 36	0 57	27 15	17 1	23 48	23 46	8 41		n.a.
T 25	18 31	1 10	4 57	9 8	3 57	19 15	0 12	25 1	1 16	23 43	0 12	11 42	2 9	8 22	0 46	21 36	0 57	27 15	17 1	23 48	23 46	8 38		n.a.
F 26	18 46	4n43	5 10	9 19	3 52	19 36	0 14	25 2	1 16	23 43	0 12	11 40	2 9	8 22	0 46	21 36	0 57	27 15	17 1	23 48	23 47	8 36		n.a.
S 27	19 1	10 21	5 3	9 34	3 47	19 56	0 16	25 3	1 16	23 42	0 13	11 39	2 9	8 22	0 46	21 35	0 57	27 16	17 2	23 48	23 47	8 33		n.a.
S 28	19 15	15 23	4 39	9 51	3 40	20 15	0 19	25 4	1 16	23 42	0 13	11 38	2 9	8 22	0 46	21 35	0 57	27 16	17 2	23 49	23 47	8 30		n.a.
M29	19 29	19 31	3 58	10 10	3 33	20 34	0 21	25 5	1 16	23 42	0 13	11 37	2 9	8 22	0 46	21 35	0 57	27 16	17 3	23 49	23 47	8 27		n.a.
T 30	19 43	22 31	3 4	10 31	3 25	20 53	0 23	25 5	1 16	23 42	0 13	11 35	2 8	8 22	0 46	21 35	0 57	27 16	17 3	23 49	23 47	8 24		n.a.
W31	19n56	24n11	2n 1	10n55	3s16	21n11	0n26	25n 5	1n16	23s41	0s13	11s34	2n 8	8n22	0n46	21s35	0n57	27s17	17s 3	23s49	23s47	8n22		n.a.

Julian Day Number = 1306619.5, Delta T = 07h45m26s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'06, Lahiri = -19°38'06 Julian Calendar 1 May 1136 BCE == Greg. Calendar 20 Apr. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

JUNE 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 20	28♉30'35	22♊13	7♉38	2♊33	29♊31	20°R10	5°R29	10♍46	11°R23	0♓32	2°R 2	3♑28	28♌18	n.a.	T 1
F 2	15 59 17	29°27'42	4♋55	8°33	3°47	0♋ 8	20♐ 3	5♏25	10°46	11♐22	0°33	2°D 2	3°25	28°25	n.a.	F 2
S 3	16 3 13	0♊24'49	17°20	9°34	5° 0	0°46	19°56	5°21	10°46	11°20	0°33	2♑ 3	3°21	28°31	n.a.	S 3
S 4	16 7 10	1°21'56	29°31	10°38	6°14	1°23	19°49	5°17	10°47	11°18	0°33	2° 4	3°18	28°38	n.a.	S 4
M 5	16 11 6	2°19'04	11♌30	11°48	7°28	2° 1	19°42	5°14	10°47	11°17	0°33	2° 6	3°15	28°45	n.a.	M 5
T 6	16 15 3	3°16'11	23°23	13° 1	8°42	2°38	19°35	5°10	10°47	11°15	0°33	2° 7	3°12	28°52	n.a.	T 6
W 7	16 18 59	4°13'19	5♍15	14°20	9°56	3°15	19°28	5° 7	10°48	11°14	0°33	2°R 8	3° 9	28°58	n.a.	W 7
T 8	16 22 56	5°10'27	17°11	15°42	11° 9	3°53	19°21	5° 3	10°48	11°12	0°33	2° 7	3° 6	29° 5	n.a.	T 8
F 9	16 26 52	6° 7'36	29°14	17° 8	12°23	4°30	19°13	5° 0	10°48	11°10	0°34	2° 5	3° 2	29°12	n.a.	F 9
S 10	16 30 49	7° 4'44	11♎29	18°39	13°37	5° 8	19° 6	4°56	10°49	11° 9	0°34	2° 2	2°59	29°18	n.a.	S 10
S 11	16 34 46	8° 1'53	24° 0	20°14	14°51	5°45	18°58	4°53	10°50	11° 7	0°R34	1°59	2°56	29°25	n.a.	S 11
M12	16 38 42	8°59'03	6♏49	21°52	16° 5	6°23	18°51	4°50	10°50	11° 6	0°34	1°56	2°53	29°32	n.a.	M12
T 13	16 42 39	9°56'13	19°58	23°34	17°19	7° 1	18°43	4°47	10°51	11° 4	0°34	1°52	2°50	29°38	n.a.	T 13
W14	16 46 35	10°53'24	3♐25	25°20	18°33	7°38	18°36	4°43	10°52	11° 2	0°33	1°50	2°46	29°45	n.a.	W14
T 15	16 50 32	11°50'36	17° 9	27° 8	19°46	8°16	18°28	4°40	10°53	11° 1	0°33	1°48	2°43	29°52	n.a.	T 15
F 16	16 54 28	12°47'49	1♑ 8	29° 0	21° 0	8°53	18°20	4°37	10°53	10°59	0°33	1°D48	2°40	29°59	n.a.	F 16
S 17	16 58 25	13°45'02	15°19	0♊55	22°14	9°31	18°13	4°34	10°54	10°57	0°33	1°48	2°37	0♍ 5	n.a.	S 17
S 18	17 2 22	14°42'17	29°36	2°52	23°28	10° 9	18° 5	4°32	10°55	10°56	0°33	1°49	2°34	0°12	n.a.	S 18
M19	17 6 18	15°39'32	13♒57	4°51	24°42	10°47	17°57	4°29	10°56	10°54	0°33	1°50	2°31	0°19	n.a.	M19
T 20	17 10 15	16°36'49	28°17	6°52	25°56	11°24	17°50	4°26	10°57	10°53	0°33	1°51	2°27	0°25	n.a.	T 20
W21	17 14 11	17°34'07	12♓33	8°55	27°10	12° 2	17°42	4°24	10°58	10°51	0°33	1°R52	2°24	0°32	n.a.	W21
T 22	17 18 8	18°31'26	26°43	10°59	28°24	12°40	17°34	4°21	11° 0	10°49	0°32	1°52	2°21	0°39	n.a.	T 22
F 23	17 22 4	19°28'46	10♈45	13° 4	29°38	13°18	17°26	4°19	11° 1	10°48	0°32	1°51	2°18	0°46	n.a.	F 23
S 24	17 26 1	20°26'08	24°37	15° 9	0♋52	13°56	17°18	4°16	11° 2	10°46	0°32	1°50	2°15	0°52	n.a.	S 24
S 25	17 29 57	21°23'31	8♉17	17°14	2° 6	14°34	17°11	4°14	11° 3	10°45	0°31	1°49	2°12	0°59	n.a.	S 25
M26	17 33 54	22°20'56	21°44	19°20	3°20	15°11	17° 3	4°12	11° 5	10°43	0°31	1°47	2° 8	1° 6	n.a.	M26
T 27	17 37 51	23°18'21	4♊57	21°25	4°34	15°49	16°55	4°10	11° 6	10°41	0°31	1°46	2° 5	1°12	n.a.	T 27
W28	17 41 47	24°15'49	17°56	23°29	5°48	16°27	16°48	4° 8	11° 8	10°40	0°30	1°46	2° 2	1°19	n.a.	W28
T 29	17 45 44	25°13'17	0♋40	25°33	7° 2	17° 5	16°40	4° 6	11° 9	10°38	0°30	1°D46	1°59	1°26	n.a.	T 29
F 30	17 49 40	26♊10'46	13♋10	27♊36	8♋16	17♋44	16♐32	4♏ 4	11♍11	10♐37	0♓30	1♑46	1♑56	1♍32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 9	24n29	0n53	11n20	3s 7	21n28	0n28	25n 6	1n16	23s41	0s13	11s33	2n 8	8n22	0n46	21s34	0n57	27s17	17s 4	23s49	23s47	8n19		n.a.
F 2	20 22	23 28	0s16	11 48	2 57	21 45	0 30	25 6	1 16	23 41	0 14	11 32	2 8	8 21	0 46	21 34	0 57	27 17	17 4	23 49	23 47	8 16		n.a.
S 3	20 34	21 19	1 23	12 17	2 46	22 1	0 32	25 5	1 16	23 40	0 14	11 31	2 8	8 21	0 46	21 34	0 57	27 17	17 4	23 49	23 47	8 13		n.a.
S 4	20 46	18 14	2 25	12 48	2 35	22 16	0 35	25 5	1 16	23 40	0 14	11 30	2 8	8 21	0 46	21 34	0 57	27 18	17 5	23 49	23 47	8 10		n.a.
M 5	20 58	14 25	3 19	13 21	2 24	22 31	0 37	25 4	1 16	23 40	0 14	11 29	2 7	8 21	0 46	21 33	0 57	27 18	17 5	23 49	23 47	8 8		n.a.
T 6	21 9	10 5	4 5	13 54	2 12	22 45	0 39	25 4	1 15	23 39	0 14	11 28	2 7	8 21	0 46	21 33	0 57	27 18	17 6	23 49	23 47	8 5		n.a.
W 7	21 20	5 24	4 40	14 30	2 0	22 59	0 41	25 3	1 15	23 39	0 15	11 27	2 7	8 21	0 46	21 33	0 57	27 18	17 6	23 49	23 48	8 2		n.a.
T 8	21 31	0 30	5 3	15 6	1 47	23 12	0 43	25 2	1 15	23 38	0 15	11 26	2 7	8 20	0 46	21 33	0 57	27 19	17 6	23 49	23 48	7 59		n.a.
F 9	21 41	4s28	5 13	15 43	1 35	23 24	0 45	25 0	1 15	23 38	0 15	11 25	2 7	8 20	0 46	21 33	0 57	27 19	17 7	23 49	23 48	7 56		n.a.
S 10	21 51	9 21	5 10	16 21	1 22	23 35	0 47	24 59	1 15	23 37	0 15	11 24	2 7	8 20	0 46	21 32	0 57	27 19	17 7	23 49	23 48	7 54		n.a.
S 11	22 0	13 57	4 51	16 59	1 9	23 46	0 49	24 57	1 15	23 37	0 15	11 23	2 6	8 20	0 46	21 32	0 57	27 20	17 7	23 49	23 48	7 51		n.a.
M12	22 9	18 4	4 18	17 37	0 56	23 56	0 51	24 55	1 15	23 37	0 15	11 22	2 6	8 19	0 46	21 32	0 57	27 20	17 8	23 49	23 48	7 48		n.a.
T 13	22 18	21 23	3 30	18 16	0 44	24 6	0 53	24 53	1 15	23 36	0 16	11 21	2 6	8 19	0 46	21 32	0 57	27 20	17 8	23 49	23 48	7 45		n.a.
W14	22 27	23 38	2 30	18 54	0 31	24 14	0 55	24 51	1 15	23 36	0 16	11 20	2 6	8 19	0 46	21 32	0 57	27 21	17 8	23 49	23 48	7 42		n.a.
T 15	22 35	24 31	1 20	19 32	0 19	24 22	0 57	24 49	1 15	23 35	0 16	11 19	2 6	8 18	0 46	21 31	0 57	27 21	17 9	23 49	23 48	7 39		n.a.
F 16	22 42	23 53	0 4	20 9	0 7	24 30	0 59	24 46	1 15	23 35	0 16	11 18	2 6	8 18	0 46	21 31	0 57	27 22	17 9	23 49	23 48	7 37		n.a.
S 17	22 49	21 43	1n14	20 46	0n 5	24 36	1 0	24 43	1 14	23 34	0 16	11 17	2 5	8 18	0 45	21 31	0 57	27 22	17 10	23 49	23 48	7 34		n.a.
S 18	22 56	18 10	2 28	21 21	0 16	24 42	1 2	24 40	1 14	23 34	0 16	11 17	2 5	8 17	0 45	21 31	0 57	27 22	17 10	23 49	23 48	7 31		n.a.
M19	23 3	13 32	3 32	21 54	0 27	24 47	1 4	24 37	1 14	23 33	0 17	11 16	2 5	8 17	0 45	21 30	0 57	27 23	17 10	23 49	23 48	7 28		n.a.
T 20	23 9	8 9	4 24	22 26	0 38	24 52	1 6	24 34	1 14	23 32	0 17	11 15	2 5	8 16	0 45	21 30	0 57	27 23	17 11	23 49	23 48	7 25		n.a.
W21	23 14	2 22	4 58	22 56	0 47	24 55	1 7	24 30	1 14	23 32	0 17	11 14	2 5	8 16	0 45	21 30	0 57	27 24	17 11	23 49	23 48	7 23		n.a.
T 22	23 19	3n29	5 15	23 23	0 56	24 58	1 9	24 26	1 14	23 31	0 17	11 14	2 4	8 15	0 45	21 30	0 57	27 24	17 11	23 49	23 49	7 20		n.a.
F 23	23 24	9 6	5 12	23 48	1 5	25 0	1 10	24 22	1 14	23 31	0 17	11 13	2 4	8 15	0 45	21 30	0 57	27 24	17 12	23 49	23 49	7 17		n.a.
S 24	23 29	14 11	4 52	24 11	1 12	25 1	1 12	24 18	1 14	23 30	0 17	11 13	2 4	8 14	0 45	21 29	0 57	27 25	17 12	23 49	23 49	7 14		n.a.
S 25	23 33	18 30	4 15	24 31	1 19	25 2	1 13	24 14	1 13	23 30	0 18	11 12	2 4	8 14	0 45	21 29	0 57	27 25	17 12	23 49	23 49	7 11		n.a.
M26	23 36	21 46	3 24	24 49	1 25	25 2	1 14	24 10	1 13	23 29	0 18	11 11	2 3	8 13	0 45	21 29	0 57	27 26	17 13	23 49	23 49	7 9		n.a.
T 27	23 39	23 49	2 23	25 4	1 31	25 1	1 16	24 5	1 13	23 28	0 18	11 11	2 3	8 13	0 45	21 29	0 57	27 26	17 13	23 49	23 49	7 6		n.a.
W28	23 42	24 32	1 16	25 15	1 36	24 59	1 17	24 0	1 13	23 28	0 18	11 10	2 3	8 12	0 45	21 29	0 57	27 27	17 14	23 49	23 49	7 3		n.a.
T 29	23 45	23 56	0 6	25 25	1 40	24 56	1 18	23 55	1 13	23 27	0 18	11 10	2 3	8 11	0 45	21 28	0 57	27 27	17 14	23 49	23 49	7 0		n.a.
F 30	23n46	22n 7	1s 3	25n31	1n43	24n53	1n19	23n50	1n13	23s26	0s18	11s10	2n 3	8n11	0n45	21s28	0n57	27s27	17s14	23s49	23s49	6n57		n.a.

Julian Day Number = 1306650.5, Delta T = 07h45m24s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°45'02, Lahiri = -19°38'02 Julian Calendar 1 June 1136 BCE == Greg. Calendar 21 May 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

JULY 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 37	27♊ 8'17	25♋27	29♊38	9♋30	18♋22	16°R25	4°R 2	11♍12	10°R35	0°R29	1♉46	1♉52	1♍39	n.a.	S 1
S 2	17 57 33	28° 5'49	7♌33	1♋39	10°44	19° 0	16♐17	4♏ 0	11°14	10♐34	0♓29	1°46	1°49	1°46	n.a.	S 2
M 3	18 1 30	29° 3'22	19°31	3°39	11°58	19°38	16°10	3°59	11°16	10°32	0°28	1°47	1°46	1°53	n.a.	M 3
T 4	18 5 26	0♋ 0'56	1♍23	5°37	13°12	20°16	16° 3	3°57	11°18	10°31	0°28	1°47	1°43	1°59	n.a.	T 4
W 5	18 9 23	0°58'31	13°15	7°34	14°26	20°54	15°55	3°56	11°19	10°29	0°27	1°47	1°40	2° 6	n.a.	W 5
T 6	18 13 20	1°56'07	25° 9	9°30	15°40	21°32	15°48	3°54	11°21	10°28	0°27	1°47	1°37	2°13	n.a.	T 6
F 7	18 17 16	2°53'44	7♎12	11°25	16°54	22°11	15°41	3°53	11°23	10°26	0°26	1°47	1°33	2°19	n.a.	F 7
S 8	18 21 13	3°51'23	19°26	13°17	18° 8	22°49	15°34	3°52	11°25	10°25	0°26	1°47	1°30	2°26	n.a.	S 8
S 9	18 25 9	4°49'03	1♏57	15° 9	19°22	23°27	15°27	3°51	11°27	10°23	0°25	1°48	1°27	2°33	n.a.	S 9
M10	18 29 6	5°46'44	14°48	16°59	20°36	24° 6	15°20	3°50	11°29	10°22	0°25	1°48	1°24	2°40	n.a.	M10
T 11	18 33 2	6°44'26	28° 1	18°48	21°50	24°44	15°13	3°49	11°31	10°20	0°24	1°48	1°21	2°46	n.a.	T 11
W12	18 36 59	7°42'10	11♐39	20°35	23° 4	25°22	15° 7	3°48	11°33	10°19	0°23	1°49	1°18	2°53	n.a.	W12
T 13	18 40 55	8°39'56	25°39	22°21	24°18	26° 1	15° 0	3°47	11°36	10°18	0°23	1°R49	1°14	3° 0	n.a.	T 13
F 14	18 44 52	9°37'43	9♑59	24° 5	25°32	26°39	14°54	3°47	11°38	10°16	0°22	1°49	1°11	3° 6	n.a.	F 14
S 15	18 48 49	10°35'31	24°35	25°48	26°46	27°18	14°47	3°46	11°40	10°15	0°21	1°49	1° 8	3°13	n.a.	S 15
S 16	18 52 45	11°33'21	9♒19	27°30	28° 1	27°56	14°41	3°46	11°42	10°14	0°21	1°48	1° 5	3°20	n.a.	S 16
M17	18 56 42	12°31'13	24° 6	29°10	29°15	28°35	14°35	3°46	11°45	10°12	0°20	1°47	1° 2	3°26	n.a.	M17
T 18	19 0 38	13°29'07	8♓47	0♌49	0♌29	29°14	14°29	3°45	11°47	10°11	0°19	1°45	0°58	3°33	n.a.	T 18
W19	19 4 35	14°27'02	23°17	2°26	1°43	29°52	14°24	3°45	11°49	10°10	0°19	1°44	0°55	3°40	n.a.	W19
T 20	19 8 31	15°25'00	7♈33	4° 3	2°57	0♌31	14°18	3°D45	11°52	10° 8	0°18	1°44	0°52	3°47	n.a.	T 20
F 21	19 12 28	16°23'00	21°31	5°37	4°11	1°10	14°12	3°45	11°54	10° 7	0°17	1°D43	0°49	3°53	n.a.	F 21
S 22	19 16 24	17°21'02	5♉11	7°11	5°25	1°48	14° 7	3°46	11°57	10° 6	0°16	1°44	0°46	4° 0	n.a.	S 22
S 23	19 20 21	18°19'06	18°33	8°43	6°39	2°27	14° 2	3°46	12° 0	10° 5	0°15	1°45	0°43	4° 7	n.a.	S 23
M24	19 24 18	19°17'12	1♊39	10°14	7°53	3° 6	13°57	3°46	12° 2	10° 4	0°15	1°46	0°39	4°13	n.a.	M24
T 25	19 28 14	20°15'20	14°30	11°44	9° 7	3°45	13°52	3°47	12° 5	10° 3	0°14	1°48	0°36	4°20	n.a.	T 25
W26	19 32 11	21°13'31	27° 8	13°12	10°21	4°24	13°47	3°47	12° 8	10° 1	0°13	1°R48	0°33	4°27	n.a.	W26
T 27	19 36 7	22°11'43	9♋34	14°39	11°35	5° 2	13°42	3°48	12°10	10° 0	0°12	1°48	0°30	4°34	n.a.	T 27
F 28	19 40 4	23° 9'57	21°50	16° 5	12°49	5°41	13°38	3°49	12°13	9°59	0°11	1°47	0°27	4°40	n.a.	F 28
S 29	19 44 0	24° 8'13	3♌57	17°29	14° 3	6°20	13°34	3°49	12°16	9°58	0°10	1°45	0°24	4°47	n.a.	S 29
S 30	19 47 57	25° 6'31	15°56	18°52	15°17	6°59	13°30	3°50	12°19	9°57	0° 9	1°41	0°20	4°54	n.a.	S 30
M31	19 51 53	26♋ 4'51	27♌51	20♌13	16♌32	7♌38	13♐26	3♏51	12♍22	9♐56	0♓ 8	1♉37	0♉17	5♍ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	19n18	2s 8	25n35	1n45	24n49	1n20	23n45	1n12	23s26	0s19	11s 9	2n 2	8n10	0n45	21s28	0n57	27s28	17s15	23s49	23s49	6n55		n.a.
S 2	23 49	15 41	3 6	25 36	1 47	24 44	1 21	23 39	1 12	23 25	0 19	11 9	2 2	8 9	0 45	21 28	0 57	27 28	17 15	23 49	23 49	6 52		n.a.
M 3	23 50	11 30	3 55	25 35	1 48	24 39	1 22	23 33	1 12	23 25	0 19	11 8	2 2	8 9	0 45	21 28	0 57	27 29	17 15	23 49	23 49	6 49		n.a.
T 4	23 50	6 54	4 34	25 31	1 49	24 33	1 23	23 28	1 12	23 24	0 19	11 8	2 2	8 8	0 45	21 27	0 57	27 29	17 16	23 49	23 49	6 46		n.a.
W 5	23 50	2 4	5 1	25 25	1 49	24 26	1 24	23 21	1 12	23 23	0 19	11 8	2 1	8 7	0 45	21 27	0 57	27 30	17 16	23 49	23 49	6 43		n.a.
T 6	23 49	2s51	5 15	25 17	1 48	24 18	1 25	23 15	1 12	23 23	0 19	11 8	2 1	8 7	0 45	21 27	0 57	27 30	17 16	23 49	23 49	6 41		n.a.
F 7	23 48	7 43	5 16	25 6	1 47	24 9	1 26	23 9	1 12	23 22	0 19	11 7	2 1	8 6	0 45	21 27	0 56	27 31	17 17	23 49	23 49	6 38		n.a.
S 8	23 46	12 22	5 2	24 54	1 45	24 0	1 26	23 2	1 11	23 21	0 20	11 7	2 1	8 5	0 45	21 27	0 56	27 31	17 17	23 49	23 49	6 35		n.a.
S 9	23 44	16 37	4 34	24 39	1 43	23 50	1 27	22 55	1 11	23 21	0 20	11 7	2 0	8 4	0 45	21 26	0 56	27 32	17 17	23 49	23 49	6 32		n.a.
M10	23 42	20 14	3 52	24 23	1 40	23 39	1 27	22 48	1 11	23 20	0 20	11 7	2 0	8 3	0 45	21 26	0 56	27 32	17 17	23 49	23 49	6 29		n.a.
T 11	23 39	22 54	2 57	24 5	1 37	23 28	1 28	22 41	1 11	23 20	0 20	11 7	2 0	8 2	0 44	21 26	0 56	27 33	17 18	23 49	23 49	6 26		n.a.
W12	23 36	24 21	1 50	23 46	1 33	23 16	1 28	22 34	1 11	23 19	0 20	11 7	2 0	8 2	0 44	21 26	0 56	27 33	17 18	23 49	23 49	6 24		n.a.
T 13	23 32	24 20	0 34	23 25	1 29	23 3	1 28	22 27	1 10	23 18	0 20	11 7	2 0	8 1	0 44	21 26	0 56	27 34	17 18	23 49	23 49	6 21		n.a.
F 14	23 28	22 42	0n45	23 2	1 25	22 50	1 29	22 19	1 10	23 18	0 20	11 7	1 59	8 0	0 44	21 25	0 56	27 34	17 19	23 49	23 49	6 18		n.a.
S 15	23 24	19 33	2 3	22 38	1 20	22 36	1 29	22 11	1 10	23 17	0 20	11 7	1 59	7 59	0 44	21 25	0 56	27 35	17 19	23 49	23 49	6 15		n.a.
S 16	23 19	15 7	3 13	22 13	1 15	22 21	1 29	22 3	1 10	23 17	0 21	11 7	1 59	7 58	0 44	21 25	0 56	27 36	17 19	23 49	23 50	6 12		n.a.
M17	23 14	9 46	4 11	21 47	1 9	22 6	1 29	21 55	1 10	23 16	0 21	11 7	1 59	7 57	0 44	21 25	0 56	27 36	17 20	23 49	23 50	6 10		n.a.
T 18	23 8	3 55	4 51	21 20	1 4	21 49	1 29	21 47	1 9	23 15	0 21	11 7	1 58	7 56	0 44	21 25	0 56	27 37	17 20	23 49	23 50	6 7		n.a.
W19	23 2	2n 4	5 13	20 52	0 57	21 33	1 29	21 38	1 9	23 15	0 21	11 8	1 58	7 55	0 44	21 25	0 56	27 37	17 20	23 49	23 50	6 4		n.a.
T 20	22 55	7 50	5 15	20 23	0 51	21 15	1 29	21 30	1 9	23 14	0 21	11 8	1 58	7 54	0 44	21 25	0 56	27 38	17 20	23 49	23 50	6 1		n.a.
F 21	22 48	13 6	4 58	19 53	0 44	20 58	1 29	21 21	1 9	23 14	0 21	11 8	1 58	7 53	0 44	21 24	0 56	27 38	17 21	23 49	23 50	5 58		n.a.
S 22	22 41	17 36	4 24	19 23	0 37	20 39	1 28	21 12	1 9	23 13	0 21	11 8	1 57	7 52	0 44	21 24	0 56	27 39	17 21	23 49	23 50	5 56		n.a.
S 23	22 33	21 5	3 37	18 52	0 30	20 20	1 28	21 3	1 8	23 13	0 21	11 9	1 57	7 51	0 44	21 24	0 56	27 39	17 21	23 49	23 50	5 53		n.a.
M24	22 25	23 25	2 39	18 20	0 23	20 0	1 27	20 53	1 8	23 12	0 22	11 9	1 57	7 50	0 44	21 24	0 56	27 40	17 21	23 49	23 50	5 50		n.a.
T 25	22 16	24 28	1 34	17 48	0 16	19 40	1 27	20 44	1 8	23 12	0 22	11 9	1 57	7 49	0 44	21 24	0 56	27 40	17 22	23 49	23 50	5 47		n.a.
W26	22 7	24 14	0 26	17 15	0 8	19 19	1 26	20 34	1 8	23 11	0 22	11 10	1 56	7 48	0 44	21 24	0 56	27 41	17 22	23 49	23 50	5 44		n.a.
T 27	21 58	22 46	0s43	16 42	0s 0	18 58	1 26	20 24	1 8	23 11	0 22	11 10	1 56	7 47	0 44	21 24	0 56	27 41	17 22	23 49	23 50	5 41		n.a.
F 28	21 48	20 15	1 48	16 9	0 8	18 36	1 25	20 15	1 7	23 10	0 22	11 11	1 56	7 46	0 44	21 23	0 56	27 42	17 22	23 49	23 50	5 39		n.a.
S 29	21 38	16 52	2 48	15 35	0 16	18 13	1 24	20 4	1 7	23 10	0 22	11 11	1 56	7 45	0 44	21 23	0 56	27 43	17 23	23 49	23 50	5 36		n.a.
S 30	21 28	12 50	3 39	15 1	0 25	17 50	1 23	19 54	1 7	23 9	0 22	11 12	1 55	7 43	0 44	21 23	0 56	27 43	17 23	23 49	23 50	5 33		n.a.
M31	21n17	8n21	4s21	14n28	0s33	17n27	1n23	19n44	1n 7	23s 9	0s22	11s12	1n55	7n42	0n44	21s23	0n56	27s44	17s23	23s49	23s50	5n30		n.a.

Julian Day Number = 1306680.5, Delta T = 07h45m23s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'58, Lahiri = -19°37'58 Julian Calendar 1 July 1136 BCE == Greg. Calendar 20 June 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

AUGUST 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 50	27♋ 3'12	9♍42	21♌33	17♌46	8♌17	13°R22	3♏53	12♍25	9°R55	0°R 7	1°R33	0♉14	5♍ 7	n.a.	T 1
W 2	19 59 47	28° 1'36	21°33	22°52	19° 0	8°57	13♐19	3°54	12°27	9♐54	0♓ 6	1♉29	0°11	5°14	n.a.	W 2
T 3	20 3 43	29° 0'01	3♎26	24° 8	20°14	9°36	13°15	3°55	12°30	9°53	0° 5	1°26	0° 8	5°21	n.a.	T 3
F 4	20 7 40	29°58'28	15°26	25°24	21°28	10°15	13°12	3°57	12°33	9°52	0° 5	1°23	0° 4	5°27	n.a.	F 4
S 5	20 11 36	0♌56'56	27°38	26°37	22°42	10°54	13° 9	3°58	12°36	9°51	0° 4	1°D22	0° 1	5°34	n.a.	S 5
S 6	20 15 33	1°55'27	10♏ 4	27°49	23°56	11°33	13° 6	4° 0	12°40	9°51	0° 3	1°23	29♐58	5°41	n.a.	S 6
M 7	20 19 29	2°53'59	22°51	28°58	25°10	12°13	13° 3	4° 1	12°43	9°50	0° 1	1°24	29°55	5°47	n.a.	M 7
T 8	20 23 26	3°52'33	6♐ 1	0♍ 6	26°24	12°52	13° 1	4° 3	12°46	9°49	0° 0	1°25	29°52	5°54	n.a.	T 8
W 9	20 27 22	4°51'09	19°37	1°12	27°38	13°31	12°59	4° 5	12°49	9°48	29♒59	1°27	29°49	6° 1	n.a.	W 9
T 10	20 31 19	5°49'47	3♉41	2°15	28°52	14°11	12°57	4° 7	12°52	9°48	29°58	1°R27	29°45	6° 8	n.a.	T 10
F 11	20 35 16	6°48'27	18°11	3°17	0♍ 6	14°50	12°55	4° 9	12°55	9°47	29°57	1°26	29°42	6°14	n.a.	F 11
S 12	20 39 12	7°47'09	3♒ 3	4°15	1°20	15°30	12°53	4°11	12°59	9°46	29°56	1°23	29°39	6°21	n.a.	S 12
S 13	20 43 9	8°45'52	18° 8	5°11	2°34	16° 9	12°52	4°14	13° 2	9°45	29°55	1°19	29°36	6°28	n.a.	S 13
M14	20 47 5	9°44'38	3♓18	6° 4	3°48	16°49	12°50	4°16	13° 5	9°45	29°54	1°14	29°33	6°34	n.a.	M14
T 15	20 51 2	10°43'26	18°22	6°54	5° 2	17°28	12°49	4°18	13° 9	9°44	29°53	1° 8	29°29	6°41	n.a.	T 15
W16	20 54 58	11°42'17	3♈13	7°40	6°15	18° 8	12°48	4°21	13°12	9°44	29°52	1° 3	29°26	6°48	n.a.	W16
T 17	20 58 55	12°41'10	17°42	8°23	7°29	18°47	12°48	4°23	13°15	9°43	29°51	0°59	29°23	6°55	n.a.	T 17
F 18	21 2 51	13°40'05	1♉46	9° 1	8°43	19°27	12°47	4°26	13°19	9°43	29°50	0°56	29°20	7° 1	n.a.	F 18
S 19	21 6 48	14°39'03	15°25	9°36	9°57	20° 7	12°47	4°29	13°22	9°42	29°49	0°D55	29°17	7° 8	n.a.	S 19
S 20	21 10 44	15°38'03	28°40	10° 6	11°11	20°47	12°D47	4°32	13°26	9°42	29°47	0°56	29°14	7°15	n.a.	S 20
M21	21 14 41	16°37'06	11♊34	10°30	12°25	21°26	12°47	4°35	13°29	9°41	29°46	0°57	29°10	7°21	n.a.	M21
T 22	21 18 38	17°36'11	24°10	10°50	13°39	22° 6	12°47	4°38	13°33	9°41	29°45	0°59	29° 7	7°28	n.a.	T 22
W23	21 22 34	18°35'19	6♋33	11° 3	14°53	22°46	12°47	4°41	13°36	9°41	29°44	0°R59	29° 4	7°35	n.a.	W23
T 24	21 26 31	19°34'29	18°45	11°10	16° 7	23°26	12°48	4°44	13°40	9°40	29°43	0°57	29° 1	7°42	n.a.	T 24
F 25	21 30 27	20°33'42	0♌48	11°R11	17°20	24° 6	12°49	4°48	13°43	9°40	29°42	0°53	28°58	7°48	n.a.	F 25
S 26	21 34 24	21°32'56	12°46	11° 4	18°34	24°46	12°50	4°51	13°47	9°40	29°41	0°46	28°55	7°55	n.a.	S 26
S 27	21 38 20	22°32'13	24°40	10°50	19°48	25°26	12°51	4°54	13°50	9°40	29°39	0°38	28°51	8° 2	n.a.	S 27
M28	21 42 17	23°31'32	6♍32	10°28	21° 2	26° 6	12°53	4°58	13°54	9°39	29°38	0°28	28°48	8° 8	n.a.	M28
T 29	21 46 13	24°30'53	18°23	9°59	22°16	26°46	12°54	5° 2	13°58	9°39	29°37	0°17	28°45	8°15	n.a.	T 29
W30	21 50 10	25°30'16	0♎15	9°21	23°29	27°27	12°56	5° 5	14° 1	9°39	29°36	0° 6	28°42	8°22	n.a.	W30
T 31	21 54 6	26♌29'41	12♎10	8♍36	24♍43	28♌ 7	12♐58	5♏ 9	14♍ 5	9♐39	29♒35	29♐57	28♐39	8♍29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n 5	3n35	4s51	13n54	0s42	17n 3	1n22	19n33	1n 6	23s 9	0s22	11s13	1n55	7n41	0n44	21s23	0n56	27s44	17s23	23s49	23s50	5n27			n.a.
W 2	20 54	1s18	5 8	13 20	0 50	16 39	1 21	19 23	1 6	23 8	0 22	11 14	1 55	7 40	0 44	21 23	0 56	27 45	17 23	23 49	23 50	5 25			n.a.
T 3	20 42	6 9	5 13	12 46	0 59	16 14	1 19	19 12	1 6	23 8	0 23	11 14	1 54	7 39	0 44	21 23	0 56	27 45	17 24	23 49	23 50	5 22			n.a.
F 4	20 29	10 50	5 4	12 12	1 8	15 49	1 18	19 1	1 6	23 8	0 23	11 15	1 54	7 38	0 44	21 23	0 56	27 46	17 24	23 49	23 50	5 19			n.a.
S 5	20 16	15 9	4 41	11 39	1 16	15 23	1 17	18 50	1 5	23 7	0 23	11 16	1 54	7 36	0 44	21 23	0 56	27 46	17 24	23 49	23 50	5 16			n.a.
S 6	20 3	18 56	4 5	11 6	1 25	14 57	1 16	18 38	1 5	23 7	0 23	11 17	1 54	7 35	0 44	21 22	0 56	27 47	17 24	23 49	23 50	5 13			n.a.
M 7	19 50	21 56	3 15	10 33	1 34	14 30	1 14	18 27	1 5	23 7	0 23	11 17	1 53	7 34	0 44	21 22	0 55	27 48	17 24	23 49	23 50	5 11			n.a.
T 8	19 36	23 52	2 15	10 1	1 43	14 4	1 13	18 15	1 5	23 7	0 23	11 18	1 53	7 33	0 44	21 22	0 55	27 48	17 25	23 49	23 50	5 8			n.a.
W 9	19 22	24 29	1 4	9 29	1 52	13 36	1 11	18 4	1 4	23 6	0 23	11 19	1 53	7 31	0 44	21 22	0 55	27 49	17 25	23 49	23 50	5 5			n.a.
T 10	19 7	23 34	0n12	8 58	2 0	13 9	1 10	17 52	1 4	23 6	0 23	11 20	1 53	7 30	0 43	21 22	0 55	27 49	17 25	23 49	23 50	5 2			n.a.
F 11	18 52	21 5	1 30	8 28	2 9	12 41	1 8	17 40	1 4	23 6	0 23	11 21	1 52	7 29	0 43	21 22	0 55	27 50	17 25	23 49	23 50	4 59			n.a.
S 12	18 37	17 9	2 43	7 59	2 17	12 13	1 7	17 28	1 4	23 6	0 23	11 22	1 52	7 28	0 43	21 22	0 55	27 50	17 25	23 49	23 50	4 56			n.a.
S 13	18 22	12 3	3 47	7 30	2 26	11 44	1 5	17 15	1 3	23 6	0 23	11 23	1 52	7 26	0 43	21 22	0 55	27 51	17 25	23 49	23 50	4 54			n.a.
M14	18 6	6 12	4 34	7 3	2 34	11 15	1 3	17 3	1 3	23 6	0 24	11 24	1 52	7 25	0 43	21 22	0 55	27 51	17 26	23 49	23 50	4 51			n.a.
T 15	17 50	0 3	5 2	6 37	2 42	10 46	1 1	16 51	1 3	23 6	0 24	11 25	1 51	7 24	0 43	21 22	0 55	27 52	17 26	23 50	23 50	4 48			n.a.
W16	17 33	6n 1	5 10	6 12	2 50	10 17	0 59	16 38	1 2	23 6	0 24	11 26	1 51	7 22	0 43	21 22	0 55	27 52	17 26	23 50	23 50	4 45			n.a.
T 17	17 17	11 36	4 57	5 49	2 58	9 47	0 57	16 25	1 2	23 6	0 24	11 27	1 51	7 21	0 43	21 22	0 55	27 53	17 26	23 50	23 50	4 42			n.a.
F 18	17 0	16 26	4 26	5 28	3 5	9 17	0 55	16 12	1 2	23 6	0 24	11 28	1 51	7 20	0 43	21 22	0 55	27 53	17 26	23 50	23 50	4 40			n.a.
S 19	16 42	20 15	3 41	5 9	3 12	8 47	0 53	15 59	1 2	23 6	0 24	11 29	1 51	7 18	0 43	21 22	0 55	27 54	17 26	23 50	23 50	4 37			n.a.
S 20	16 25	22 53	2 46	4 52	3 18	8 16	0 51	15 46	1 1	23 6	0 24	11 31	1 50	7 17	0 43	21 22	0 55	27 55	17 26	23 50	23 50	4 34			n.a.
M21	16 7	24 14	1 43	4 37	3 24	7 46	0 49	15 33	1 1	23 6	0 24	11 32	1 50	7 16	0 43	21 22	0 55	27 55	17 26	23 50	23 50	4 31			n.a.
T 22	15 48	24 19	0 37	4 25	3 29	7 15	0 46	15 19	1 1	23 6	0 24	11 33	1 50	7 14	0 43	21 22	0 55	27 56	17 26	23 50	23 50	4 28			n.a.
W23	15 30	23 10	0s30	4 15	3 33	6 44	0 44	15 6	1 0	23 6	0 24	11 34	1 50	7 13	0 43	21 22	0 55	27 56	17 26	23 50	23 50	4 26			n.a.
T 24	15 11	20 56	1 34	4 9	3 37	6 12	0 42	14 52	1 0	23 6	0 24	11 36	1 49	7 11	0 43	21 22	0 55	27 57	17 27	23 50	23 50	4 23			n.a.
F 25	14 52	17 49	2 33	4 7	3 39	5 41	0 39	14 38	1 0	23 6	0 24	11 37	1 49	7 10	0 43	21 22	0 55	27 57	17 27	23 50	23 50	4 20			n.a.
S 26	14 33	13 58	3 25	4 8	3 41	5 9	0 37	14 25	0 59	23 7	0 24	11 38	1 49	7 9	0 43	21 22	0 55	27 58	17 27	23 50	23 50	4 17			n.a.
S 27	14 14	9 38	4 8	4 13	3 41	4 38	0 35	14 11	0 59	23 7	0 24	11 40	1 49	7 7	0 43	21 22	0 55	27 58	17 27	23 50	23 49	4 14			n.a.
M28	13 54	4 57	4 39	4 22	3 40	4 6	0 32	13 56	0 59	23 7	0 25	11 41	1 49	7 6	0 43	21 22	0 55	27 59	17 27	23 50	23 49	4 12			n.a.
T 29	13 34	0 6	4 58	4 36	3 37	3 34	0 29	13 42	0 58	23 7	0 25	11 43	1 48	7 4	0 43	21 22	0 55	27 59	17 27	23 50	23 49	4 9			n.a.
W30	13 14	4s45	5 5	4 55	3 33	3 2	0 27	13 28	0 58	23 8	0 25	11 44	1 48	7 3	0 43	21 22	0 55	27 59	17 27	23 50	23 49	4 6			n.a.
T 31	12n53	9s26	4s58	5n18	3s27	2n30	0n24	13n14	0n58	23s 8	0s25	11s46	1n48	7n 1	0n43	21s22	0n55	28s 0	17s27	23s50	23s49	4n 3			n.a.

Julian Day Number = 1306711.5, Delta T = 07h45m21s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'54, Lahiri = -19°37'53 Julian Calendar 1 Aug. 1136 BCE == Greg. Calendar 21 July 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

SEPTEMBER 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 58 3	27♌29'08	24♎11	7°R43	25♍57	28♌47	13♐ 0	5♏13	14♍ 9	9°R39	29°R33	29°R50	28♐35	8♍35	n.a.	F 1
S 2	22 2 0	28°28'37	6♏21	6♍43	27°11	29°27	13° 3	5°17	14°12	9°D39	29♒32	29♐45	28°32	8°42	n.a.	S 2
S 3	22 5 56	29°28'09	18°45	5°38	28°24	0♍ 8	13° 6	5°21	14°16	9♐39	29°31	29°42	28°29	8°49	n.a.	S 3
M 4	22 9 53	0♍27'42	1♐25	4°29	29°38	0°48	13° 8	5°25	14°20	9°39	29°30	29°D42	28°26	8°55	n.a.	M 4
T 5	22 13 49	1°27'17	14°27	3°17	0♎52	1°28	13°11	5°29	14°23	9°39	29°29	29°42	28°23	9° 2	n.a.	T 5
W 6	22 17 46	2°26'54	27°55	2° 4	2° 5	2° 9	13°15	5°34	14°27	9°39	29°28	29°R43	28°20	9° 9	n.a.	W 6
T 7	22 21 42	3°26'32	11♑51	0°53	3°19	2°49	13°18	5°38	14°31	9°40	29°26	29°42	28°16	9°16	n.a.	T 7
F 8	22 25 39	4°26'13	26°16	29♌45	4°33	3°30	13°21	5°42	14°35	9°40	29°25	29°40	28°13	9°22	n.a.	F 8
S 9	22 29 35	5°25'56	11♒ 7	28°42	5°46	4°10	13°25	5°47	14°38	9°40	29°24	29°34	28°10	9°29	n.a.	S 9
S 10	22 33 32	6°25'40	26°18	27°47	7° 0	4°51	13°29	5°52	14°42	9°40	29°23	29°27	28° 7	9°36	n.a.	S 10
M11	22 37 29	7°25'27	11♓38	27° 0	8°13	5°32	13°33	5°56	14°46	9°41	29°22	29°17	28° 4	9°42	n.a.	M11
T 12	22 41 25	8°25'15	26°58	26°24	9°27	6°12	13°37	6° 1	14°50	9°41	29°21	29° 7	28° 1	9°49	n.a.	T 12
W13	22 45 22	9°25'06	12♈ 4	25°58	10°40	6°53	13°42	6° 6	14°53	9°41	29°19	28°57	27°57	9°56	n.a.	W13
T 14	22 49 18	10°24'59	26°49	25°44	11°54	7°34	13°47	6°10	14°57	9°42	29°18	28°49	27°54	10° 3	n.a.	T 14
F 15	22 53 15	11°24'55	11♉ 5	25°D40	13° 7	8°15	13°51	6°15	15° 1	9°42	29°17	28°43	27°51	10° 9	n.a.	F 15
S 16	22 57 11	12°24'53	24°52	25°48	14°21	8°55	13°56	6°20	15° 5	9°42	29°16	28°40	27°48	10°16	n.a.	S 16
S 17	23 1 8	13°24'53	8♊10	26° 7	15°34	9°36	14° 2	6°25	15° 9	9°43	29°15	28°38	27°45	10°23	n.a.	S 17
M18	23 5 4	14°24'55	21° 3	26°36	16°48	10°17	14° 7	6°30	15°12	9°44	29°14	28°D38	27°41	10°29	n.a.	M18
T 19	23 9 1	15°25'00	3♋34	27°14	18° 1	10°58	14°12	6°36	15°16	9°44	29°13	28°R38	27°38	10°36	n.a.	T 19
W20	23 12 57	16°25'08	15°50	28° 0	19°14	11°39	14°18	6°41	15°20	9°45	29°11	28°37	27°35	10°43	n.a.	W20
T 21	23 16 54	17°25'17	27°53	28°54	20°28	12°20	14°24	6°46	15°24	9°45	29°10	28°34	27°32	10°50	n.a.	T 21
F 22	23 20 51	18°25'29	9♌50	29°55	21°41	13° 1	14°30	6°52	15°27	9°46	29° 9	28°28	27°29	10°56	n.a.	F 22
S 23	23 24 47	19°25'42	21°42	1♍ 1	22°54	13°43	14°36	6°57	15°31	9°47	29° 8	28°19	27°26	11° 3	n.a.	S 23
S 24	23 28 44	20°25'58	3♍33	2°13	24° 8	14°24	14°42	7° 2	15°35	9°47	29° 7	28° 7	27°22	11°10	n.a.	S 24
M25	23 32 40	21°26'16	15°24	3°30	25°21	15° 5	14°49	7° 8	15°39	9°48	29° 6	27°53	27°19	11°16	n.a.	M25
T 26	23 36 37	22°26'35	27°18	4°50	26°34	15°46	14°56	7°14	15°43	9°49	29° 5	27°38	27°16	11°23	n.a.	T 26
W27	23 40 33	23°26'57	9♎15	6°13	27°47	16°28	15° 3	7°19	15°46	9°50	29° 4	27°23	27°13	11°30	n.a.	W27
T 28	23 44 30	24°27'20	21°16	7°39	29° 0	17° 9	15° 9	7°25	15°50	9°51	29° 3	27° 9	27°10	11°37	n.a.	T 28
F 29	23 48 26	25°27'45	3♏24	9° 7	0♏14	17°50	15°17	7°31	15°54	9°51	29° 2	26°59	27° 6	11°43	n.a.	F 29
S 30	23 52 23	26♍28'12	15♏39	10♍37	1♏27	18♍32	15♐24	7♏36	15♍58	9♐52	29♒ 1	26♐51	27♐ 3	11♍50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n33	13s49	4s38	5n45	3s19	1n58	0n22	12n59	0n57	23s 8	0s25	11s47	1n48	7n 0	0n43	21s22	0n54	28s 0	17s27	23s50	23s49	4n 0		n.a.
S 2	12 12	17 42	4 5	6 17	3 8	1 26	0 19	12 44	0 57	23 9	0 25	11 49	1 47	6 58	0 43	21 22	0 54	28 1	17 27	23 50	23 49	3 58		n.a.
S 3	11 51	20 53	3 21	6 52	2 56	0 53	0 16	12 30	0 57	23 9	0 25	11 50	1 47	6 57	0 43	21 22	0 54	28 1	17 27	23 50	23 49	3 55		n.a.
M 4	11 29	23 9	2 25	7 31	2 42	0 21	0 13	12 15	0 56	23 10	0 25	11 52	1 47	6 56	0 43	21 22	0 54	28 2	17 27	23 50	23 49	3 52		n.a.
T 5	11 8	24 14	1 21	8 12	2 26	0s11	0 10	12 0	0 56	23 10	0 25	11 53	1 47	6 54	0 43	21 22	0 54	28 2	17 27	23 50	23 49	3 49		n.a.
W 6	10 46	23 58	0 10	8 54	2 9	0 44	0 8	11 45	0 56	23 10	0 25	11 55	1 47	6 53	0 43	21 22	0 54	28 3	17 27	23 50	23 49	3 46		n.a.
T 7	10 24	22 13	1n 4	9 38	1 50	1 16	0 5	11 30	0 55	23 11	0 25	11 57	1 46	6 51	0 43	21 22	0 54	28 3	17 27	23 50	23 49	3 44		n.a.
F 8	10 2	19 1	2 16	10 20	1 30	1 48	0 2	11 14	0 55	23 11	0 25	11 58	1 46	6 50	0 43	21 22	0 54	28 3	17 27	23 50	23 49	3 41		n.a.
S 9	9 40	14 30	3 21	11 1	1 10	2 21	0s 1	10 59	0 55	23 12	0 25	12 0	1 46	6 48	0 43	21 22	0 54	28 4	17 27	23 50	23 49	3 38		n.a.
S 10	9 18	8 59	4 14	11 40	0 50	2 53	0 4	10 44	0 54	23 12	0 25	12 2	1 46	6 47	0 43	21 22	0 54	28 4	17 27	23 50	23 49	3 35		n.a.
M11	8 55	2 53	4 48	12 15	0 29	3 25	0 7	10 28	0 54	23 13	0 25	12 3	1 46	6 45	0 43	21 22	0 54	28 5	17 27	23 50	23 49	3 32		n.a.
T 12	8 33	3n23	5 2	12 46	0 10	3 57	0 10	10 13	0 54	23 14	0 25	12 5	1 45	6 44	0 43	21 22	0 54	28 5	17 27	23 50	23 49	3 30		n.a.
W13	8 10	9 21	4 54	13 12	0n 9	4 29	0 13	9 57	0 53	23 14	0 25	12 7	1 45	6 42	0 43	21 23	0 54	28 5	17 27	23 50	23 49	3 27		n.a.
T 14	7 47	14 38	4 27	13 34	0 26	5 1	0 16	9 41	0 53	23 15	0 25	12 9	1 45	6 41	0 43	21 23	0 54	28 6	17 27	23 49	23 49	3 24		n.a.
F 15	7 24	18 56	3 44	13 50	0 43	5 33	0 19	9 25	0 52	23 15	0 26	12 11	1 45	6 39	0 43	21 23	0 54	28 6	17 26	23 49	23 49	3 21		n.a.
S 16	7 1	22 1	2 49	14 1	0 57	6 5	0 22	9 9	0 52	23 16	0 26	12 12	1 45	6 38	0 43	21 23	0 54	28 6	17 26	23 49	23 49	3 18		n.a.
S 17	6 37	23 47	1 46	14 7	1 11	6 37	0 25	8 53	0 52	23 17	0 26	12 14	1 45	6 36	0 43	21 23	0 54	28 7	17 26	23 49	23 49	3 16		n.a.
M18	6 14	24 11	0 40	14 8	1 22	7 8	0 28	8 37	0 51	23 18	0 26	12 16	1 44	6 35	0 43	21 23	0 54	28 7	17 26	23 49	23 49	3 13		n.a.
T 19	5 50	23 21	0s26	14 5	1 32	7 39	0 31	8 21	0 51	23 18	0 26	12 18	1 44	6 33	0 43	21 23	0 54	28 8	17 26	23 49	23 49	3 10		n.a.
W20	5 27	21 23	1 30	13 56	1 41	8 11	0 34	8 5	0 51	23 19	0 26	12 20	1 44	6 32	0 43	21 23	0 54	28 8	17 26	23 49	23 48	3 7		n.a.
T 21	5 3	18 30	2 28	13 44	1 48	8 42	0 37	7 49	0 50	23 20	0 26	12 22	1 44	6 30	0 43	21 24	0 54	28 8	17 26	23 49	23 48	3 4		n.a.
F 22	4 39	14 53	3 19	13 28	1 54	9 12	0 40	7 32	0 50	23 20	0 26	12 24	1 44	6 29	0 43	21 24	0 54	28 8	17 26	23 49	23 48	3 2		n.a.
S 23	4 15	10 42	4 1	13 8	1 59	9 43	0 43	7 16	0 49	23 21	0 26	12 26	1 43	6 27	0 43	21 24	0 54	28 9	17 26	23 49	23 48	2 59		n.a.
S 24	3 51	6 8	4 33	12 45	2 3	10 13	0 46	6 59	0 49	23 22	0 26	12 28	1 43	6 26	0 43	21 24	0 54	28 9	17 25	23 49	23 48	2 56		n.a.
M25	3 27	1 22	4 52	12 20	2 5	10 43	0 49	6 43	0 49	23 23	0 26	12 30	1 43	6 24	0 43	21 24	0 53	28 9	17 25	23 49	23 48	2 53		n.a.
T 26	3 3	3s28	4 59	11 51	2 6	11 13	0 52	6 26	0 48	23 24	0 26	12 32	1 43	6 23	0 43	21 24	0 53	28 10	17 25	23 48	23 48	2 50		n.a.
W27	2 39	8 12	4 53	11 20	2 7	11 43	0 55	6 9	0 48	23 24	0 26	12 34	1 43	6 21	0 43	21 24	0 53	28 10	17 25	23 48	23 48	2 48		n.a.
T 28	2 14	12 39	4 34	10 48	2 7	12 12	0 58	5 53	0 47	23 25	0 26	12 36	1 43	6 20	0 43	21 25	0 53	28 10	17 25	23 48	23 48	2 45		n.a.
F 29	1 50	16 38	4 2	10 13	2 6	12 41	1 1	5 36	0 47	23 26	0 26	12 38	1 42	6 18	0 43	21 25	0 53	28 10	17 25	23 48	23 48	2 42		n.a.
S 30	1n26	19s57	3s18	9n37	2n 4	13s10	1s 4	5n19	0n46	23s27	0s26	12s40	1n42	6n17	0n43	21s25	0n53	28s11	17s25	23s48	23s48	2n39		n.a.

Julian Day Number = 1306742.5, Delta T = 07h45m19s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'50, Lahiri = -19°37'49 Julian Calendar 1 Sept. 1136 BCE == Greg. Calendar 21 Aug. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

OCTOBER 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 20	27♍28'40	28♏ 5	12♍ 9	2♏40	19♍13	15♐31	7♏42	16♍ 1	9♐53	29°R 0	26°R46	27♐ 0	11♍57	n.a.	S 1
M 2	0 0 16	28°29'10	10♐46	13°41	3°53	19°55	15°39	7°48	16° 5	9°54	28♒59	26♐44	26°57	12° 3	n.a.	M 2
T 3	0 4 13	29°29'42	23°44	15°15	5° 6	20°37	15°47	7°54	16° 9	9°55	28°58	26°43	26°54	12°10	n.a.	T 3
W 4	0 8 9	0♎30'15	7♑ 3	16°50	6°19	21°18	15°55	8° 0	16°13	9°56	28°57	26°43	26°51	12°17	n.a.	W 4
T 5	0 12 6	1°30'49	20°47	18°25	7°32	22° 0	16° 3	8° 6	16°16	9°57	28°56	26°42	26°47	12°24	n.a.	T 5
F 6	0 16 2	2°31'25	4♒58	20° 0	8°45	22°41	16°11	8°12	16°20	9°59	28°55	26°39	26°44	12°30	n.a.	F 6
S 7	0 19 59	3°32'02	19°34	21°36	9°58	23°23	16°19	8°18	16°24	10° 0	28°54	26°34	26°41	12°37	n.a.	S 7
S 8	0 23 55	4°32'40	4♓32	23°12	11°10	24° 5	16°28	8°25	16°27	10° 1	28°53	26°25	26°38	12°44	n.a.	S 8
M 9	0 27 52	5°33'20	19°44	24°48	12°23	24°47	16°36	8°31	16°31	10° 2	28°52	26°15	26°35	12°51	n.a.	M 9
T 10	0 31 48	6°34'01	5♈ 0	26°24	13°36	25°29	16°45	8°37	16°35	10° 3	28°51	26° 3	26°32	12°57	n.a.	T 10
W11	0 35 45	7°34'44	20° 9	28° 0	14°49	26°11	16°54	8°43	16°38	10° 5	28°50	25°52	26°28	13° 4	n.a.	W11
T 12	0 39 42	8°35'29	5♉ 0	29°36	16° 1	26°53	17° 3	8°50	16°42	10° 6	28°49	25°43	26°25	13°11	n.a.	T 12
F 13	0 43 38	9°36'15	19°25	1♎12	17°14	27°35	17°12	8°56	16°45	10° 7	28°48	25°36	26°22	13°17	n.a.	F 13
S 14	0 47 35	10°37'03	3♊21	2°48	18°27	28°17	17°21	9° 2	16°49	10° 9	28°48	25°32	26°19	13°24	n.a.	S 14
S 15	0 51 31	11°37'52	16°47	4°24	19°39	28°59	17°31	9° 9	16°53	10°10	28°47	25°30	26°16	13°31	n.a.	S 15
M16	0 55 28	12°38'44	29°46	6° 0	20°52	29°41	17°40	9°15	16°56	10°11	28°46	25°D30	26°12	13°38	n.a.	M16
T 17	0 59 24	13°39'37	12♋21	7°35	22° 4	0♎23	17°50	9°22	17° 0	10°13	28°45	25°R30	26° 9	13°44	n.a.	T 17
W18	1 3 21	14°40'31	24°37	9°11	23°16	1° 5	18° 0	9°29	17° 3	10°14	28°44	25°29	26° 6	13°51	n.a.	W18
T 19	1 7 18	15°41'27	6♌40	10°46	24°29	1°47	18°10	9°35	17° 7	10°16	28°44	25°27	26° 3	13°58	n.a.	T 19
F 20	1 11 14	16°42'25	18°34	12°21	25°41	2°30	18°20	9°42	17°10	10°17	28°43	25°22	26° 0	14° 4	n.a.	F 20
S 21	1 15 11	17°43'24	0♍25	13°56	26°53	3°12	18°30	9°48	17°13	10°19	28°42	25°15	25°57	14°11	n.a.	S 21
S 22	1 19 7	18°44'24	12°15	15°31	28° 5	3°55	18°40	9°55	17°17	10°20	28°42	25° 5	25°53	14°18	n.a.	S 22
M23	1 23 4	19°45'26	24° 8	17° 6	29°18	4°37	18°50	10° 2	17°20	10°22	28°41	24°53	25°50	14°25	n.a.	M23
T 24	1 27 0	20°46'29	6♎ 6	18°41	0♐30	5°19	19° 1	10° 8	17°23	10°23	28°40	24°40	25°47	14°31	n.a.	T 24
W25	1 30 57	21°47'33	18°11	20°15	1°42	6° 2	19°11	10°15	17°27	10°25	28°40	24°27	25°44	14°38	n.a.	W25
T 26	1 34 53	22°48'38	0♏23	21°50	2°54	6°45	19°22	10°22	17°30	10°27	28°39	24°16	25°41	14°45	n.a.	T 26
F 27	1 38 50	23°49'44	12°43	23°24	4° 6	7°27	19°33	10°29	17°33	10°28	28°38	24° 6	25°37	14°51	n.a.	F 27
S 28	1 42 46	24°50'52	25°12	24°59	5°18	8°10	19°44	10°36	17°37	10°30	28°38	24° 0	25°34	14°58	n.a.	S 28
S 29	1 46 43	25°52'00	7♐51	26°33	6°29	8°53	19°55	10°42	17°40	10°32	28°37	23°56	25°31	15° 5	n.a.	S 29
M30	1 50 40	26°53'08	20°42	28° 7	7°41	9°35	20° 6	10°49	17°43	10°34	28°37	23°D54	25°28	15°12	n.a.	M30
T 31	1 54 36	27♎54'18	3♑46	29♎42	8♐53	10♎18	20♐17	10♏56	17♍46	10♐35	28♒36	23♐55	25♐25	15♍18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	1n 1	22s25	2s25	8n59	2n 2	13s39	1s 7	5n 2	0n46	23s28	0s26	12s42	1n42	6n15	0n43	21s25	0n53	28s11	17s24	23s47	23s48	2n36			n.a.
M 2	0 37	23 48	1 23	8 20	1 59	14 7	1 10	4 45	0 46	23 29	0 26	12 44	1 42	6 14	0 43	21 25	0 53	28 11	17 24	23 47	23 48	2 34			n.a.
T 3	0 12	23 57	0 16	7 40	1 56	14 35	1 13	4 28	0 45	23 30	0 26	12 46	1 42	6 13	0 43	21 26	0 53	28 11	17 24	23 47	23 48	2 31			n.a.
W 4	0s12	22 44	0n54	7 0	1 52	15 2	1 16	4 11	0 45	23 31	0 26	12 48	1 42	6 11	0 43	21 26	0 53	28 11	17 24	23 47	23 47	2 28			n.a.
T 5	0 37	20 10	2 3	6 18	1 48	15 29	1 19	3 54	0 44	23 31	0 26	12 50	1 42	6 10	0 43	21 26	0 53	28 12	17 24	23 47	23 47	2 25			n.a.
F 6	1 1	16 19	3 7	5 36	1 43	15 56	1 22	3 37	0 44	23 32	0 27	12 52	1 41	6 8	0 43	21 26	0 53	28 12	17 23	23 47	23 47	2 23			n.a.
S 7	1 26	11 23	4 1	4 53	1 38	16 22	1 24	3 20	0 43	23 33	0 27	12 54	1 41	6 7	0 43	21 26	0 53	28 12	17 23	23 47	23 47	2 20			n.a.
S 8	1 50	5 41	4 39	4 10	1 33	16 48	1 27	3 2	0 43	23 34	0 27	12 57	1 41	6 5	0 43	21 27	0 53	28 12	17 23	23 47	23 47	2 17			n.a.
M 9	2 14	0n26	4 58	3 26	1 28	17 14	1 30	2 45	0 42	23 35	0 27	12 59	1 41	6 4	0 43	21 27	0 53	28 12	17 23	23 47	23 47	2 14			n.a.
T 10	2 39	6 33	4 57	2 42	1 22	17 39	1 32	2 28	0 42	23 36	0 27	13 1	1 41	6 2	0 43	21 27	0 53	28 12	17 23	23 46	23 47	2 11			n.a.
W11	3 3	12 13	4 34	1 58	1 16	18 3	1 35	2 11	0 41	23 37	0 27	13 3	1 41	6 1	0 43	21 27	0 53	28 12	17 22	23 46	23 47	2 9			n.a.
T 12	3 28	17 3	3 53	1 14	1 10	18 27	1 38	1 53	0 41	23 38	0 27	13 5	1 41	6 0	0 43	21 27	0 53	28 12	17 22	23 46	23 47	2 6			n.a.
F 13	3 52	20 44	2 58	0 30	1 4	18 51	1 40	1 36	0 40	23 39	0 27	13 7	1 40	5 58	0 43	21 28	0 53	28 13	17 22	23 45	23 47	2 3			n.a.
S 14	4 16	23 2	1 54	0s15	0 58	19 14	1 43	1 18	0 40	23 40	0 27	13 10	1 40	5 57	0 43	21 28	0 53	28 13	17 22	23 45	23 47	2 0			n.a.
S 15	4 40	23 55	0 46	0 59	0 52	19 37	1 45	1 1	0 40	23 41	0 27	13 12	1 40	5 55	0 43	21 28	0 53	28 13	17 21	23 45	23 47	1 58			n.a.
M16	5 4	23 27	0s23	1 44	0 45	19 59	1 47	0 43	0 39	23 42	0 27	13 14	1 40	5 54	0 43	21 28	0 53	28 13	17 21	23 45	23 46	1 55			n.a.
T 17	5 29	21 47	1 28	2 28	0 39	20 21	1 50	0 26	0 39	23 43	0 27	13 16	1 40	5 53	0 43	21 29	0 53	28 13	17 21	23 45	23 46	1 52			n.a.
W18	5 52	19 7	2 28	3 12	0 33	20 42	1 52	0 8	0 38	23 44	0 27	13 18	1 40	5 51	0 43	21 29	0 53	28 13	17 21	23 45	23 46	1 49			n.a.
T 19	6 16	15 41	3 20	3 56	0 26	21 2	1 54	0s 9	0 38	23 45	0 27	13 21	1 40	5 50	0 43	21 29	0 53	28 13	17 20	23 45	23 46	1 46			n.a.
F 20	6 40	11 40	4 3	4 40	0 19	21 22	1 56	0 27	0 37	23 46	0 27	13 23	1 40	5 49	0 43	21 29	0 53	28 13	17 20	23 45	23 46	1 44			n.a.
S 21	7 4	7 14	4 35	5 23	0 13	21 42	1 58	0 44	0 37	23 47	0 27	13 25	1 40	5 47	0 43	21 30	0 52	28 13	17 20	23 45	23 46	1 41			n.a.
S 22	7 27	2 33	4 55	6 7	0 6	22 1	2 0	1 2	0 36	23 47	0 27	13 27	1 39	5 46	0 43	21 30	0 52	28 13	17 19	23 44	23 46	1 38			n.a.
M23	7 51	2s15	5 2	6 50	0s 0	22 19	2 2	1 19	0 36	23 48	0 27	13 30	1 39	5 45	0 43	21 30	0 52	28 13	17 19	23 44	23 46	1 35			n.a.
T 24	8 14	6 59	4 56	7 32	0 7	22 36	2 4	1 37	0 35	23 49	0 27	13 32	1 39	5 43	0 43	21 30	0 52	28 13	17 19	23 43	23 46	1 33			n.a.
W25	8 38	11 30	4 37	8 15	0 13	22 53	2 6	1 54	0 34	23 50	0 27	13 34	1 39	5 42	0 43	21 31	0 52	28 13	17 18	23 43	23 46	1 30			n.a.
T 26	9 1	15 36	4 5	8 57	0 20	23 10	2 8	2 12	0 34	23 51	0 28	13 36	1 39	5 41	0 43	21 31	0 52	28 13	17 18	23 42	23 45	1 27			n.a.
F 27	9 24	19 6	3 21	9 38	0 26	23 26	2 9	2 30	0 33	23 52	0 28	13 39	1 39	5 39	0 43	21 31	0 52	28 13	17 18	23 42	23 45	1 24			n.a.
S 28	9 46	21 45	2 27	10 19	0 32	23 41	2 11	2 47	0 33	23 53	0 28	13 41	1 39	5 38	0 43	21 32	0 52	28 13	17 18	23 41	23 45	1 22			n.a.
S 29	10 9	23 22	1 25	11 0	0 39	23 55	2 12	3 5	0 32	23 54	0 28	13 43	1 39	5 37	0 43	21 32	0 52	28 13	17 17	23 41	23 45	1 19			n.a.
M30	10 32	23 47	0 17	11 40	0 45	24 9	2 14	3 22	0 32	23 55	0 28	13 45	1 39	5 36	0 43	21 32	0 52	28 13	17 17	23 41	23 45	1 16			n.a.
T 31	10s54	22s54	0n53	12s20	0s51	24s22	2s15	3s40	0n31	23s56	0s28	13s47	1n39	5n34	0n43	21s32	0n52	28s12	17s17	23s41	23s45	1n13			n.a.

Julian Day Number = 1306772.5, Delta T = 07h45m18s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'46, Lahiri = -19°37'45 Julian Calendar 1 Oct. 1136 BCE == Greg. Calendar 20 Sept. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

NOVEMBER 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 58 33	28♎55'28	17♑ 7	1♏16	10♐ 4	11♎ 1	20♐28	11♏ 3	17♍49	10♐37	28°R36	23♐56	25♐22	15♍25	n.a.	W 1
T 2	2 2 29	29°56'39	0♒46	2°51	11°16	11°44	20°40	11°10	17°52	10°39	28♒35	23°R56	25°18	15°32	n.a.	T 2
F 3	2 6 26	0♏57'50	14°44	4°25	12°27	12°27	20°51	11°17	17°55	10°41	28°35	23°55	25°15	15°39	n.a.	F 3
S 4	2 10 22	1°59'01	29° 2	6° 0	13°39	13°10	21° 3	11°24	17°58	10°43	28°34	23°52	25°12	15°45	n.a.	S 4
S 5	2 14 19	3° 0'13	13♓38	7°34	14°50	13°53	21°15	11°31	18° 1	10°45	28°34	23°47	25° 9	15°52	n.a.	S 5
M 6	2 18 16	4° 1'25	28°26	9° 9	16° 1	14°36	21°26	11°38	18° 4	10°47	28°33	23°40	25° 6	15°59	n.a.	M 6
T 7	2 22 12	5° 2'37	13♈21	10°44	17°12	15°19	21°38	11°45	18° 7	10°48	28°33	23°32	25° 3	16° 5	n.a.	T 7
W 8	2 26 9	6° 3'50	28°12	12°19	18°23	16° 2	21°50	11°52	18°10	10°50	28°33	23°24	24°59	16°12	n.a.	W 8
T 9	2 30 5	7° 5'04	12♉52	13°54	19°34	16°45	22° 2	11°59	18°13	10°52	28°32	23°18	24°56	16°19	n.a.	T 9
F 10	2 34 2	8° 6'18	27°12	15°29	20°45	17°28	22°14	12° 6	18°16	10°54	28°32	23°13	24°53	16°26	n.a.	F 10
S 11	2 37 58	9° 7'33	11♊ 9	17° 4	21°55	18°11	22°26	12°13	18°18	10°56	28°32	23°10	24°50	16°32	n.a.	S 11
S 12	2 41 55	10° 8'48	24°39	18°39	23° 6	18°55	22°39	12°20	18°21	10°58	28°31	23°D 9	24°47	16°39	n.a.	S 12
M13	2 45 51	11°10'04	7♋44	20°15	24°16	19°38	22°51	12°27	18°24	11° 0	28°31	23°10	24°43	16°46	n.a.	M13
T 14	2 49 48	12°11'21	20°24	21°50	25°27	20°21	23° 3	12°34	18°26	11° 2	28°31	23°12	24°40	16°53	n.a.	T 14
W15	2 53 45	13°12'38	2♌46	23°26	26°37	21° 5	23°16	12°41	18°29	11° 4	28°31	23°13	24°37	16°59	n.a.	W15
T 16	2 57 41	14°13'56	14°52	25° 1	27°47	21°48	23°29	12°48	18°32	11° 6	28°31	23°R14	24°34	17° 6	n.a.	T 16
F 17	3 1 38	15°15'14	26°49	26°37	28°57	22°32	23°41	12°55	18°34	11° 9	28°30	23°13	24°31	17°13	n.a.	F 17
S 18	3 5 34	16°16'32	8♍40	28°12	0♑ 7	23°15	23°54	13° 2	18°37	11°11	28°30	23°10	24°28	17°19	n.a.	S 18
S 19	3 9 31	17°17'51	20°32	29°48	1°17	23°59	24° 7	13° 9	18°39	11°13	28°30	23° 6	24°24	17°26	n.a.	S 19
M20	3 13 27	18°19'10	2♎27	1♐23	2°26	24°42	24°20	13°16	18°41	11°15	28°30	23° 0	24°21	17°33	n.a.	M20
T 21	3 17 24	19°20'29	14°29	2°58	3°36	25°26	24°32	13°23	18°44	11°17	28°30	22°54	24°18	17°40	n.a.	T 21
W22	3 21 20	20°21'49	26°41	4°32	4°45	26°10	24°45	13°30	18°46	11°19	28°30	22°48	24°15	17°46	n.a.	W22
T 23	3 25 17	21°23'08	9♏ 5	6° 7	5°54	26°53	24°58	13°37	18°48	11°21	28°D30	22°42	24°12	17°53	n.a.	T 23
F 24	3 29 14	22°24'28	21°40	7°40	7° 3	27°37	25°12	13°44	18°50	11°24	28°30	22°38	24° 9	18° 0	n.a.	F 24
S 25	3 33 10	23°25'48	4♐28	9°12	8°12	28°21	25°25	13°51	18°53	11°26	28°30	22°35	24° 5	18° 6	n.a.	S 25
S 26	3 37 7	24°27'07	17°29	10°44	9°21	29° 5	25°38	13°58	18°55	11°28	28°30	22°D33	24° 2	18°13	n.a.	S 26
M27	3 41 3	25°28'26	0♑41	12°14	10°30	29°49	25°51	14° 5	18°57	11°30	28°30	22°33	23°59	18°20	n.a.	M27
T 28	3 45 0	26°29'45	14° 5	13°42	11°38	0♏33	26° 5	14°11	18°59	11°32	28°30	22°35	23°56	18°27	n.a.	T 28
W29	3 48 56	27°31'03	27°41	15° 9	12°46	1°17	26°18	14°18	19° 1	11°35	28°30	22°36	23°53	18°33	n.a.	W29
T 30	3 52 53	28♏32'21	11♒28	16♐33	13♑54	2♏ 1	26♐31	14♏25	19♍ 3	11♐37	28♒31	22♐38	23♐49	18♍40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s16	20s43	2n 1	12s59	0s57	24s34	2s16	3s57	0n31	23s57	0s28	13s50	1n38	5n33	0n43	21s33	0n52	28s12	17s16	23s41	23s45	1n10		n.a.
T 2	11 38	17 19	3 4	13 38	1 2	24 46	2 17	4 15	0 30	23 57	0 28	13 52	1 38	5 32	0 43	21 33	0 52	28 12	17 16	23 41	23 45	1 8		n.a.
F 3	12 0	12 53	3 58	14 16	1 8	24 57	2 18	4 32	0 30	23 58	0 28	13 54	1 38	5 31	0 43	21 33	0 52	28 12	17 16	23 41	23 45	1 5		n.a.
S 4	12 21	7 39	4 39	14 53	1 13	25 7	2 19	4 50	0 29	23 59	0 28	13 56	1 38	5 30	0 43	21 34	0 52	28 12	17 15	23 41	23 44	1 2		n.a.
S 5	12 43	1 54	5 2	15 30	1 19	25 16	2 20	5 7	0 29	24 0	0 28	13 59	1 38	5 29	0 43	21 34	0 52	28 12	17 15	23 41	23 44	0 59		n.a.
M 6	13 4	4n 2	5 6	16 6	1 24	25 25	2 21	5 25	0 28	24 1	0 28	14 1	1 38	5 27	0 44	21 34	0 52	28 12	17 15	23 41	23 44	0 57		n.a.
T 7	13 25	9 46	4 49	16 41	1 29	25 33	2 22	5 42	0 27	24 2	0 28	14 3	1 38	5 26	0 44	21 34	0 52	28 11	17 14	23 40	23 44	0 54		n.a.
W 8	13 46	14 55	4 13	17 16	1 34	25 41	2 22	6 0	0 27	24 3	0 28	14 5	1 38	5 25	0 44	21 35	0 52	28 11	17 14	23 40	23 44	0 51		n.a.
T 9	14 6	19 7	3 20	17 50	1 38	25 47	2 23	6 17	0 26	24 3	0 28	14 8	1 38	5 24	0 44	21 35	0 52	28 11	17 14	23 39	23 44	0 48		n.a.
F 10	14 26	22 3	2 16	18 22	1 43	25 53	2 23	6 34	0 26	24 4	0 28	14 10	1 38	5 23	0 44	21 35	0 52	28 11	17 13	23 39	23 44	0 46		n.a.
S 11	14 46	23 33	1 5	18 54	1 47	25 58	2 24	6 52	0 25	24 5	0 28	14 12	1 38	5 22	0 44	21 36	0 52	28 11	17 13	23 39	23 44	0 43		n.a.
S 12	15 6	23 35	0s 8	19 25	1 50	26 2	2 24	7 9	0 24	24 6	0 28	14 14	1 38	5 21	0 44	21 36	0 52	28 10	17 13	23 39	23 43	0 40		n.a.
M13	15 25	22 18	1 18	19 55	1 54	26 6	2 24	7 26	0 24	24 6	0 28	14 17	1 38	5 20	0 44	21 36	0 52	28 10	17 12	23 39	23 43	0 37		n.a.
T 14	15 45	19 54	2 22	20 24	1 57	26 9	2 24	7 43	0 23	24 7	0 29	14 19	1 38	5 19	0 44	21 37	0 52	28 10	17 12	23 39	23 43	0 35		n.a.
W15	16 4	16 39	3 18	20 52	2 0	26 11	2 24	8 0	0 23	24 8	0 29	14 21	1 38	5 18	0 44	21 37	0 52	28 10	17 11	23 39	23 43	0 32		n.a.
T 16	16 22	12 45	4 4	21 19	2 3	26 12	2 23	8 17	0 22	24 9	0 29	14 23	1 38	5 17	0 44	21 37	0 52	28 9	17 11	23 39	23 43	0 29		n.a.
F 17	16 41	8 25	4 39	21 44	2 5	26 12	2 23	8 34	0 21	24 9	0 29	14 25	1 37	5 16	0 44	21 38	0 52	28 9	17 11	23 39	23 43	0 26		n.a.
S 18	16 59	3 48	5 1	22 8	2 7	26 12	2 22	8 51	0 21	24 10	0 29	14 27	1 37	5 15	0 44	21 38	0 52	28 9	17 10	23 39	23 43	0 24		n.a.
S 19	17 16	0s56	5 10	22 31	2 8	26 11	2 22	9 8	0 20	24 11	0 29	14 30	1 37	5 14	0 44	21 38	0 52	28 9	17 10	23 39	23 43	0 21		n.a.
M20	17 34	5 40	5 7	22 53	2 9	26 10	2 21	9 25	0 20	24 11	0 29	14 32	1 37	5 13	0 44	21 38	0 52	28 8	17 10	23 38	23 42	0 18		n.a.
T 21	17 51	10 14	4 49	23 12	2 10	26 7	2 20	9 42	0 19	24 12	0 29	14 34	1 37	5 12	0 44	21 39	0 52	28 8	17 9	23 38	23 42	0 16		n.a.
W22	18 8	14 28	4 19	23 31	2 9	26 4	2 19	9 59	0 18	24 12	0 29	14 36	1 37	5 11	0 44	21 39	0 52	28 8	17 9	23 38	23 42	0 13		n.a.
T 23	18 24	18 9	3 35	23 48	2 9	26 0	2 18	10 15	0 18	24 13	0 29	14 38	1 37	5 10	0 44	21 39	0 52	28 7	17 9	23 37	23 42	0 10		n.a.
F 24	18 40	21 4	2 41	24 3	2 8	25 55	2 17	10 32	0 17	24 14	0 29	14 40	1 37	5 10	0 44	21 40	0 52	28 7	17 8	23 37	23 42	0 7		n.a.
S 25	18 56	22 59	1 37	24 16	2 6	25 50	2 16	10 48	0 16	24 14	0 29	14 43	1 37	5 9	0 44	21 40	0 52	28 7	17 8	23 37	23 42	0 5		n.a.
S 26	19 11	23 41	0 28	24 27	2 3	25 44	2 14	11 5	0 16	24 15	0 29	14 45	1 37	5 8	0 44	21 40	0 51	28 6	17 7	23 37	23 42	0 2		n.a.
M27	19 27	23 5	0n44	24 37	2 0	25 37	2 13	11 21	0 15	24 15	0 29	14 47	1 37	5 7	0 44	21 41	0 51	28 6	17 7	23 37	23 41	0s 1		n.a.
T 28	19 41	21 9	1 56	24 44	1 56	25 29	2 11	11 37	0 14	24 16	0 29	14 49	1 37	5 6	0 44	21 41	0 51	28 5	17 7	23 37	23 41	0 4		n.a.
W29	19 56	18 0	3 1	24 50	1 51	25 21	2 9	11 54	0 14	24 16	0 29	14 51	1 37	5 6	0 44	21 41	0 51	28 5	17 6	23 37	23 41	0 6		n.a.
T 30	20s10	13s49	3n57	24s53	1s46	25s12	2s 7	12s10	0n13	24s17	0s30	14s53	1n37	5n 5	0n44	21s42	0n51	28s 5	17s 6	23s37	23s41	0s 9		n.a.

Julian Day Number = 1306803.5, Delta T = 07h45m16s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'41, Lahiri = -19°37'41 Julian Calendar 1 Nov. 1136 BCE == Greg. Calendar 21 Oct. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1136 BCE
geocentric

DECEMBER 1136 BCE (-1135) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 56 50	29♏33'38	25♒27	17♐54	15♉ 2	2♏45	26♐45	14♏32	19♍ 4	11♐39	28♒31	22°R38	23♐46	18♍47	n.a.	F 1
S 2	4 0 46	0♐34'54	9♓35	19°12	16°10	3°29	26°58	14°39	19° 6	11°41	28°31	22♐38	23°43	18°54	n.a.	S 2
S 3	4 4 43	1°36'09	23°52	20°26	17°17	4°13	27°12	14°46	19° 8	11°43	28°31	22°37	23°40	19° 0	n.a.	S 3
M 4	4 8 39	2°37'24	8♈15	21°35	18°24	4°57	27°26	14°53	19°10	11°46	28°31	22°35	23°37	19° 7	n.a.	M 4
T 5	4 12 36	3°38'37	22°40	22°39	19°31	5°41	27°39	14°59	19°11	11°48	28°32	22°32	23°34	19°14	n.a.	T 5
W 6	4 16 32	4°39'51	7♉ 2	23°36	20°38	6°25	27°53	15° 6	19°13	11°50	28°32	22°30	23°30	19°20	n.a.	W 6
T 7	4 20 29	5°41'03	21°15	24°27	21°45	7°10	28° 7	15°13	19°15	11°53	28°32	22°27	23°27	19°27	n.a.	T 7
F 8	4 24 25	6°42'15	5♊15	25° 9	22°51	7°54	28°21	15°20	19°16	11°55	28°33	22°26	23°24	19°34	n.a.	F 8
S 9	4 28 22	7°43'26	18°58	25°43	23°57	8°38	28°34	15°26	19°18	11°57	28°33	22°D25	23°21	19°41	n.a.	S 9
S 10	4 32 19	8°44'36	2♋21	26° 8	25° 3	9°23	28°48	15°33	19°19	11°59	28°33	22°25	23°18	19°47	n.a.	S 10
M11	4 36 15	9°45'46	15°23	26°21	26° 8	10° 7	29° 2	15°40	19°20	12° 2	28°34	22°26	23°15	19°54	n.a.	M11
T 12	4 40 12	10°46'55	28° 5	26°R24	27°14	10°51	29°16	15°46	19°22	12° 4	28°34	22°27	23°11	20° 1	n.a.	T 12
W13	4 44 8	11°48'03	10♌30	26°15	28°19	11°36	29°30	15°53	19°23	12° 6	28°35	22°28	23° 8	20° 8	n.a.	W13
T 14	4 48 5	12°49'11	22°40	25°55	29°23	12°20	29°44	15°59	19°24	12° 8	28°35	22°29	23° 5	20°14	n.a.	T 14
F 15	4 52 1	13°50'18	4♍39	25°23	0♒28	13° 5	29°58	16° 6	19°25	12°11	28°36	22°30	23° 2	20°21	n.a.	F 15
S 16	4 55 58	14°51'24	16°33	24°40	1°32	13°50	0♉12	16°12	19°26	12°13	28°36	22°R30	22°59	20°28	n.a.	S 16
S 17	4 59 55	15°52'30	28°25	23°48	2°36	14°34	0°26	16°19	19°27	12°15	28°37	22°30	22°55	20°34	n.a.	S 17
M18	5 3 51	16°53'35	10♎21	22°47	3°39	15°19	0°40	16°25	19°28	12°18	28°37	22°29	22°52	20°41	n.a.	M18
T 19	5 7 48	17°54'39	22°25	21°39	4°42	16° 3	0°54	16°31	19°29	12°20	28°38	22°29	22°49	20°48	n.a.	T 19
W20	5 11 44	18°55'42	4♏41	20°26	5°45	16°48	1° 9	16°38	19°30	12°22	28°38	22°28	22°46	20°55	n.a.	W20
T 21	5 15 41	19°56'45	17°12	19°11	6°47	17°33	1°23	16°44	19°31	12°24	28°39	22°28	22°43	21° 1	n.a.	T 21
F 22	5 19 37	20°57'46	29°59	17°56	7°49	18°18	1°37	16°50	19°32	12°27	28°40	22°28	22°40	21° 8	n.a.	F 22
S 23	5 23 34	21°58'46	13♐ 5	16°43	8°51	19° 3	1°51	16°56	19°32	12°29	28°40	22°D28	22°36	21°15	n.a.	S 23
S 24	5 27 30	22°59'46	26°28	15°34	9°52	19°47	2° 5	17° 2	19°33	12°31	28°41	22°R28	22°33	21°22	n.a.	S 24
M25	5 31 27	24° 0'44	10♉ 7	14°30	10°53	20°32	2°20	17° 9	19°33	12°33	28°42	22°28	22°30	21°28	n.a.	M25
T 26	5 35 24	25° 1'40	23°59	13°33	11°54	21°17	2°34	17°15	19°34	12°36	28°43	22°27	22°27	21°35	n.a.	T 26
W27	5 39 20	26° 2'35	8♒ 2	12°43	12°53	22° 2	2°48	17°21	19°34	12°38	28°43	22°27	22°24	21°42	n.a.	W27
T 28	5 43 17	27° 3'28	22°12	12° 1	13°53	22°47	3° 3	17°27	19°35	12°40	28°44	22°27	22°21	21°48	n.a.	T 28
F 29	5 47 13	28° 4'20	6♓25	11°28	14°52	23°32	3°17	17°32	19°35	12°42	28°45	22°26	22°17	21°55	n.a.	F 29
S 30	5 51 10	29° 5'10	20°39	11° 3	15°50	24°17	3°31	17°38	19°35	12°44	28°46	22°26	22°14	22° 2	n.a.	S 30
S 31	5 55 6	0♉ 5'58	4♈50	10♐47	16♒48	25♏ 2	3♉45	17♏44	19♍36	12♐47	28♒47	22°D26	22♐11	22♍ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s23	8s51	4n40	24s55	1s39	25s 2	2s 5	12s26	0n12	24s17	0s30	14s55	1n37	5n 4	0n44	21s42	0n51	28s 4	17s 6	23s37	23s41	0s12		n.a.
S 2	20 36	3 22	5 7	24 54	1 32	24 52	2 3	12 42	0 12	24 17	0 30	14 57	1 37	5 3	0 44	21 42	0 51	28 4	17 5	23 37	23 41	0 15		n.a.
S 3	20 49	2n20	5 15	24 51	1 23	24 41	2 1	12 57	0 11	24 18	0 30	14 59	1 37	5 3	0 44	21 43	0 51	28 3	17 5	23 37	23 41	0 17		n.a.
M 4	21 1	7 57	5 3	24 47	1 13	24 29	1 58	13 13	0 10	24 18	0 30	15 1	1 37	5 2	0 44	21 43	0 51	28 3	17 4	23 37	23 40	0 20		n.a.
T 5	21 13	13 10	4 33	24 40	1 2	24 17	1 55	13 29	0 10	24 18	0 30	15 3	1 37	5 1	0 44	21 43	0 51	28 3	17 4	23 37	23 40	0 23		n.a.
W 6	21 25	17 37	3 45	24 31	0 51	24 4	1 53	13 44	0 9	24 19	0 30	15 5	1 37	5 1	0 44	21 44	0 51	28 2	17 4	23 37	23 40	0 25		n.a.
T 7	21 36	21 0	2 44	24 20	0 37	23 51	1 50	14 0	0 8	24 19	0 30	15 7	1 37	5 0	0 44	21 44	0 51	28 2	17 3	23 37	23 40	0 28		n.a.
F 8	21 47	23 3	1 33	24 8	0 23	23 37	1 47	14 15	0 8	24 19	0 30	15 9	1 37	5 0	0 45	21 44	0 51	28 1	17 3	23 37	23 40	0 31		n.a.
S 9	21 57	23 41	0 19	23 53	0 8	23 22	1 44	14 30	0 7	24 20	0 30	15 11	1 37	4 59	0 45	21 45	0 51	28 1	17 3	23 37	23 40	0 34		n.a.
S 10	22 7	22 54	0s55	23 38	0n 8	23 7	1 40	14 45	0 6	24 20	0 30	15 13	1 37	4 59	0 45	21 45	0 51	28 0	17 2	23 37	23 39	0 36		n.a.
M11	22 17	20 53	2 4	23 21	0 26	22 51	1 37	15 0	0 6	24 20	0 30	15 15	1 37	4 58	0 45	21 45	0 51	28 0	17 2	23 37	23 39	0 39		n.a.
T 12	22 26	17 52	3 5	23 3	0 44	22 35	1 33	15 15	0 5	24 20	0 30	15 17	1 37	4 58	0 45	21 46	0 51	27 59	17 2	23 37	23 39	0 42		n.a.
W13	22 34	14 7	3 56	22 44	1 3	22 18	1 30	15 30	0 4	24 20	0 31	15 19	1 37	4 57	0 45	21 46	0 51	27 59	17 1	23 37	23 39	0 44		n.a.
T 14	22 42	9 51	4 35	22 24	1 22	22 0	1 26	15 44	0 3	24 20	0 31	15 21	1 37	4 57	0 45	21 46	0 51	27 58	17 1	23 37	23 39	0 47		n.a.
F 15	22 50	5 17	5 2	22 4	1 41	21 43	1 22	15 59	0 3	24 20	0 31	15 23	1 37	4 56	0 45	21 47	0 51	27 58	17 1	23 37	23 39	0 50		n.a.
S 16	22 57	0 34	5 15	21 43	2 0	21 24	1 18	16 13	0 2	24 21	0 31	15 24	1 37	4 56	0 45	21 47	0 51	27 57	17 0	23 37	23 38	0 53		n.a.
S 17	23 4	4s10	5 15	21 23	2 18	21 5	1 13	16 27	0 1	24 21	0 31	15 26	1 37	4 56	0 45	21 47	0 51	27 57	17 0	23 37	23 38	0 55		n.a.
M18	23 10	8 46	5 2	21 3	2 35	20 46	1 9	16 41	0 1	24 21	0 31	15 28	1 37	4 55	0 45	21 47	0 51	27 56	16 59	23 37	23 38	0 58		n.a.
T 19	23 16	13 6	4 35	20 44	2 51	20 26	1 4	16 55	0s 0	24 21	0 31	15 30	1 37	4 55	0 45	21 48	0 51	27 56	16 59	23 37	23 38	1 1		n.a.
W20	23 22	16 58	3 55	20 25	3 4	20 6	1 0	17 9	0 1	24 21	0 31	15 32	1 37	4 54	0 45	21 48	0 51	27 55	16 59	23 37	23 38	1 3		n.a.
T 21	23 26	20 10	3 3	20 8	3 16	19 46	0 55	17 22	0 2	24 21	0 31	15 34	1 37	4 54	0 45	21 48	0 51	27 55	16 58	23 37	23 38	1 6		n.a.
F 22	23 31	22 27	2 1	19 52	3 25	19 25	0 50	17 36	0 2	24 20	0 31	15 35	1 37	4 54	0 45	21 49	0 51	27 54	16 58	23 37	23 37	1 9		n.a.
S 23	23 35	23 36	0 52	19 38	3 32	19 3	0 45	17 49	0 3	24 20	0 31	15 37	1 37	4 54	0 45	21 49	0 51	27 53	16 58	23 37	23 37	1 11		n.a.
S 24	23 38	23 25	0n22	19 27	3 36	18 42	0 39	18 2	0 4	24 20	0 31	15 39	1 37	4 54	0 45	21 49	0 51	27 53	16 57	23 37	23 37	1 14		n.a.
M25	23 41	21 50	1 36	19 18	3 38	18 20	0 34	18 15	0 5	24 20	0 32	15 40	1 37	4 53	0 45	21 50	0 51	27 52	16 57	23 37	23 37	1 17		n.a.
T 26	23 44	18 56	2 46	19 11	3 38	17 57	0 28	18 28	0 5	24 20	0 32	15 42	1 37	4 53	0 45	21 50	0 51	27 52	16 57	23 37	23 37	1 20		n.a.
W27	23 46	14 54	3 47	19 7	3 36	17 35	0 23	18 40	0 6	24 20	0 32	15 44	1 37	4 53	0 45	21 50	0 51	27 51	16 56	23 37	23 36	1 22		n.a.
T 28	23 48	10 1	4 34	19 5	3 33	17 12	0 17	18 53	0 7	24 19	0 32	15 45	1 37	4 53	0 45	21 50	0 51	27 51	16 56	23 37	23 36	1 25		n.a.
F 29	23 49	4 35	5 5	19 6	3 27	16 49	0 11	19 5	0 8	24 19	0 32	15 47	1 37	4 53	0 45	21 51	0 51	27 50	16 56	23 37	23 36	1 28		n.a.
S 30	23 50	1n 5	5 17	19 9	3 21	16 25	0 4	19 17	0 8	24 19	0 32	15 49	1 37	4 53	0 45	21 51	0 51	27 49	16 55	23 37	23 36	1 30		n.a.
S 31	23s50	6n40	5n10	19s15	3n13	16s 1	0n 2	19s29	0s 9	24s19	0s32	15s50	1n37	4n53	0n45	21s51	0n51	27s49	16s55	23s37	23s36	1s33		n.a.

Julian Day Number = 1306833.5, Delta T = 07h45m14s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'37, Lahiri = -19°37'37 Julian Calendar 1 Dec. 1136 BCE == Greg. Calendar 20 Nov. 1136 BCE

The year -1135 astronomical counting style corresponds to year 1136 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

JANUARY 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 59 3	1♉ 6'44	18♈58	10°R38	17♒46	25♏47	4♉ 0	17♏50	19♍36	12♐49	28♒47	22♐26	22♐ 8	22♍15	n.a.	M 1
T 2	6 3 0	2° 7'29	2♊59	10°D37	18°43	26°32	4°14	17°56	19°36	12°51	28°48	22°27	22° 5	22°22	n.a.	T 2
W 3	6 6 56	3° 8'12	16°51	10♐44	19°39	27°17	4°28	18° 1	19°36	12°53	28°49	22°28	22° 1	22°29	n.a.	W 3
T 4	6 10 53	4° 8'53	0♋34	10°57	20°35	28° 3	4°43	18° 7	19°R36	12°55	28°50	22°29	21°58	22°35	n.a.	T 4
F 5	6 14 49	5° 9'32	14° 6	11°16	21°30	28°48	4°57	18°12	19°36	12°58	28°51	22°29	21°55	22°42	n.a.	F 5
S 6	6 18 46	6°10'10	27°25	11°41	22°24	29°33	5°11	18°18	19°36	13° 0	28°52	22°R29	21°52	22°49	n.a.	S 6
S 7	6 22 42	7°10'46	10♌30	12°11	23°18	0♐18	5°26	18°23	19°36	13° 2	28°53	22°29	21°49	22°56	n.a.	S 7
M 8	6 26 39	8°11'20	23°20	12°46	24°11	1° 4	5°40	18°29	19°36	13° 4	28°54	22°27	21°46	23° 2	n.a.	M 8
T 9	6 30 35	9°11'53	5♎56	13°26	25° 3	1°49	5°54	18°34	19°35	13° 6	28°55	22°25	21°42	23° 9	n.a.	T 9
W10	6 34 32	10°12'24	18°17	14°10	25°55	2°34	6° 9	18°39	19°35	13° 8	28°56	22°22	21°39	23°16	n.a.	W10
T 11	6 38 29	11°12'53	0♏27	14°57	26°46	3°20	6°23	18°44	19°35	13°10	28°57	22°19	21°36	23°23	n.a.	T 11
F 12	6 42 25	12°13'21	12°27	15°48	27°36	4° 5	6°37	18°49	19°34	13°12	28°58	22°16	21°33	23°29	n.a.	F 12
S 13	6 46 22	13°13'47	24°21	16°43	28°25	4°50	6°52	18°54	19°34	13°14	28°59	22°14	21°30	23°36	n.a.	S 13
S 14	6 50 18	14°14'11	6♎14	17°40	29°13	5°36	7° 6	18°59	19°33	13°16	29° 0	22°13	21°27	23°43	n.a.	S 14
M15	6 54 15	15°14'34	18° 9	18°40	0♓ 1	6°21	7°20	19° 4	19°33	13°18	29° 1	22°D13	21°23	23°49	n.a.	M15
T 16	6 58 11	16°14'56	0♏11	19°43	0°47	7° 7	7°34	19° 9	19°32	13°20	29° 2	22°13	21°20	23°56	n.a.	T 16
W17	7 2 8	17°15'15	12°26	20°48	1°33	7°52	7°49	19°14	19°31	13°22	29° 3	22°15	21°17	24° 3	n.a.	W17
T 18	7 6 4	18°15'34	24°58	21°55	2°17	8°38	8° 3	19°18	19°31	13°24	29° 5	22°17	21°14	24°10	n.a.	T 18
F 19	7 10 1	19°15'50	7♐50	23° 4	3° 1	9°23	8°17	19°23	19°30	13°26	29° 6	22°18	21°11	24°16	n.a.	F 19
S 20	7 13 58	20°16'05	21° 4	24°16	3°43	10° 9	8°31	19°28	19°29	13°28	29° 7	22°R19	21° 7	24°23	n.a.	S 20
S 21	7 17 54	21°16'18	4♉43	25°29	4°24	10°54	8°46	19°32	19°28	13°30	29° 8	22°18	21° 4	24°30	n.a.	S 21
M22	7 21 51	22°16'29	18°43	26°44	5° 5	11°40	9° 0	19°37	19°27	13°32	29° 9	22°16	21° 1	24°37	n.a.	M22
T 23	7 25 47	23°16'38	3♒ 3	28° 1	5°43	12°26	9°14	19°41	19°26	13°34	29°10	22°13	20°58	24°43	n.a.	T 23
W24	7 29 44	24°16'45	17°35	29°19	6°21	13°11	9°28	19°45	19°25	13°36	29°12	22° 8	20°55	24°50	n.a.	W24
T 25	7 33 40	25°16'50	2♓14	0♉39	6°57	13°57	9°42	19°49	19°24	13°37	29°13	22° 3	20°52	24°57	n.a.	T 25
F 26	7 37 37	26°16'52	16°53	2° 0	7°32	14°43	9°56	19°53	19°23	13°39	29°14	21°58	20°48	25° 3	n.a.	F 26
S 27	7 41 33	27°16'53	1♈25	3°23	8° 6	15°28	10°10	19°57	19°22	13°41	29°15	21°54	20°45	25°10	n.a.	S 27
S 28	7 45 30	28°16'50	15°45	4°47	8°38	16°14	10°24	20° 1	19°20	13°43	29°17	21°52	20°42	25°17	n.a.	S 28
M29	7 49 27	29°16'46	29°51	6°12	9° 9	17° 0	10°38	20° 5	19°19	13°45	29°18	21°D51	20°39	25°24	n.a.	M29
T 30	7 53 23	0♒16'39	13♉42	7°39	9°37	17°45	10°52	20° 9	19°18	13°46	29°19	21°52	20°36	25°30	n.a.	T 30
W31	7 57 20	1♒16'30	27♉16	9♉ 7	10♓ 5	18♐31	11♉ 6	20♏13	19♍16	13♐48	29♒21	21♐54	20♐33	25♍37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s49	11n54	4n44	19s22	3n 4	15s38	0n 8	19s41	0s10	24s18	0s32	15s52	1n38	4n53	0n45	21s52	0n51	27s48	16s55	23s37	23s35	1s36			n.a.
T 2	23 49	16 28	4 1	19 31	2 55	15 14	0 15	19 52	0 11	24 18	0 32	15 53	1 38	4 53	0 45	21 52	0 51	27 48	16 55	23 37	23 35	1 38			n.a.
W 3	23 47	20 5	3 5	19 42	2 45	14 49	0 22	20 4	0 11	24 18	0 32	15 55	1 38	4 53	0 46	21 52	0 51	27 47	16 54	23 37	23 35	1 41			n.a.
T 4	23 46	22 32	1 58	19 54	2 35	14 25	0 29	20 15	0 12	24 17	0 32	15 57	1 38	4 53	0 46	21 52	0 51	27 46	16 54	23 37	23 35	1 44			n.a.
F 5	23 44	23 38	0 46	20 7	2 24	14 0	0 36	20 26	0 13	24 17	0 33	15 58	1 38	4 53	0 46	21 53	0 51	27 46	16 54	23 37	23 35	1 46			n.a.
S 6	23 41	23 21	0s27	20 21	2 14	13 36	0 43	20 36	0 14	24 16	0 33	15 59	1 38	4 53	0 46	21 53	0 51	27 45	16 53	23 37	23 35	1 49			n.a.
S 7	23 38	21 47	1 38	20 36	2 3	13 11	0 50	20 47	0 15	24 16	0 33	16 1	1 38	4 53	0 46	21 53	0 51	27 45	16 53	23 37	23 34	1 52			n.a.
M 8	23 34	19 7	2 42	20 51	1 52	12 46	0 58	20 57	0 15	24 15	0 33	16 2	1 38	4 53	0 46	21 54	0 51	27 44	16 53	23 37	23 34	1 54			n.a.
T 9	23 30	15 35	3 37	21 7	1 41	12 21	1 5	21 8	0 16	24 15	0 33	16 4	1 38	4 53	0 46	21 54	0 51	27 43	16 53	23 36	23 34	1 57			n.a.
W10	23 26	11 27	4 21	21 23	1 30	11 57	1 13	21 17	0 17	24 14	0 33	16 5	1 38	4 53	0 46	21 54	0 51	27 43	16 52	23 36	23 34	2 0			n.a.
T 11	23 21	6 56	4 52	21 39	1 19	11 32	1 21	21 27	0 18	24 14	0 33	16 7	1 38	4 53	0 46	21 54	0 51	27 42	16 52	23 36	23 33	2 2			n.a.
F 12	23 15	2 14	5 10	21 55	1 9	11 7	1 29	21 37	0 19	24 13	0 33	16 8	1 38	4 54	0 46	21 55	0 51	27 41	16 52	23 36	23 33	2 5			n.a.
S 13	23 10	2s31	5 15	22 11	0 58	10 42	1 37	21 46	0 19	24 12	0 33	16 9	1 38	4 54	0 46	21 55	0 51	27 41	16 51	23 36	23 33	2 8			n.a.
S 14	23 3	7 10	5 5	22 27	0 48	10 17	1 45	21 55	0 20	24 12	0 34	16 11	1 38	4 54	0 46	21 55	0 51	27 40	16 51	23 36	23 33	2 10			n.a.
M15	22 57	11 35	4 43	22 43	0 38	9 53	1 54	22 4	0 21	24 11	0 34	16 12	1 38	4 54	0 46	21 55	0 51	27 39	16 51	23 36	23 33	2 13			n.a.
T 16	22 49	15 35	4 8	22 58	0 28	9 28	2 3	22 13	0 22	24 10	0 34	16 13	1 38	4 55	0 46	21 56	0 51	27 39	16 51	23 36	23 32	2 16			n.a.
W17	22 42	19 1	3 22	23 12	0 18	9 3	2 11	22 21	0 23	24 10	0 34	16 14	1 39	4 55	0 46	21 56	0 51	27 38	16 50	23 36	23 32	2 18			n.a.
T 18	22 34	21 39	2 25	23 26	0 9	8 39	2 20	22 29	0 23	24 9	0 34	16 16	1 39	4 55	0 46	21 56	0 51	27 38	16 50	23 36	23 32	2 21			n.a.
F 19	22 25	23 16	1 19	23 39	0s 1	8 15	2 29	22 37	0 24	24 8	0 34	16 17	1 39	4 56	0 46	21 56	0 51	27 37	16 50	23 36	23 32	2 24			n.a.
S 20	22 16	23 38	0 7	23 52	0 10	7 51	2 38	22 45	0 25	24 7	0 34	16 18	1 39	4 56	0 46	21 57	0 51	27 36	16 50	23 36	23 32	2 26			n.a.
S 21	22 7	22 37	1n 7	24 3	0 18	7 27	2 48	22 52	0 26	24 6	0 34	16 19	1 39	4 56	0 46	21 57	0 51	27 36	16 50	23 36	23 31	2 29			n.a.
M22	21 57	20 12	2 20	24 14	0 27	7 4	2 57	23 0	0 27	24 6	0 34	16 20	1 39	4 57	0 46	21 57	0 51	27 35	16 49	23 36	23 31	2 32			n.a.
T 23	21 47	16 29	3 24	24 24	0 35	6 40	3 7	23 7	0 28	24 5	0 35	16 21	1 39	4 57	0 46	21 57	0 51	27 34	16 49	23 36	23 31	2 34			n.a.
W24	21 37	11 44	4 17	24 32	0 43	6 17	3 16	23 13	0 28	24 4	0 35	16 22	1 39	4 58	0 46	21 57	0 51	27 34	16 49	23 35	23 31	2 37			n.a.
T 25	21 26	6 18	4 53	24 40	0 50	5 55	3 26	23 20	0 29	24 3	0 35	16 23	1 39	4 58	0 46	21 58	0 51	27 33	16 49	23 35	23 31	2 39			n.a.
F 26	21 14	0 31	5 10	24 46	0 58	5 33	3 36	23 26	0 30	24 2	0 35	16 24	1 39	4 59	0 46	21 58	0 51	27 32	16 49	23 35	23 30	2 42			n.a.
S 27	21 3	5n15	5 7	24 52	1 4	5 11	3 46	23 32	0 31	24 1	0 35	16 25	1 39	4 59	0 46	21 58	0 51	27 32	16 48	23 35	23 30	2 45			n.a.
S 28	20 50	10 40	4 45	24 56	1 11	4 49	3 56	23 38	0 32	24 0	0 35	16 26	1 39	5 0	0 46	21 58	0 51	27 31	16 48	23 35	23 30	2 47			n.a.
M29	20 38	15 25	4 6	24 58	1 17	4 29	4 6	23 43	0 33	23 59	0 35	16 27	1 40	5 0	0 46	21 58	0 51	27 30	16 48	23 34	23 30	2 50			n.a.
T 30	20 25	19 16	3 13	24 59	1 23	4 8	4 16	23 48	0 33	23 58	0 35	16 28	1 40	5 1	0 46	21 59	0 51	27 30	16 48	23 35	23 29	2 53			n.a.
W31	20s12	21n59	2n10	24s59	1s29	3s48	4n27	23s53	0s34	23s57	0s36	16s29	1n40	5n 1	0n47	21s59	0n51	27s29	16s48	23s35	23s29	2s55			n.a.

Julian Day Number = 1306864.5, Delta T = 07h45m13s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'33, Lahiri = -19°37'33 Julian Calendar 1 Jan. 1135 BCE == Greg. Calendar 21 Dec. 1136 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

FEBRUARY 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 16	2♒16'18	10♊37	10♑36	10♓30	19♐17	11♑20	20♏16	19°R15	13♐50	29♒22	21♐55	20♐29	25♍44	n.a.	T 1
F 2	8 5 13	3°16'04	23°44	12° 7	10°54	20° 3	11°34	20°20	19♍14	13°51	29°23	21°R55	20°26	25°51	n.a.	F 2
S 3	8 9 9	4°15'48	6♋39	13°39	11°16	20°48	11°47	20°23	19°12	13°53	29°25	21°54	20°23	25°57	n.a.	S 3
S 4	8 13 6	5°15'29	19°22	15°12	11°36	21°34	12° 1	20°27	19°10	13°55	29°26	21°51	20°20	26° 4	n.a.	S 4
M 5	8 17 2	6°15'08	1♌55	16°46	11°54	22°20	12°15	20°30	19° 9	13°56	29°27	21°46	20°17	26°11	n.a.	M 5
T 6	8 20 59	7°14'45	14°18	18°21	12°10	23° 6	12°29	20°33	19° 7	13°58	29°29	21°39	20°13	26°17	n.a.	T 6
W 7	8 24 55	8°14'20	26°31	19°58	12°24	23°52	12°42	20°36	19° 6	13°59	29°30	21°30	20°10	26°24	n.a.	W 7
T 8	8 28 52	9°13'53	8♍36	21°36	12°35	24°37	12°56	20°39	19° 4	14° 1	29°31	21°21	20° 7	26°31	n.a.	T 8
F 9	8 32 49	10°13'23	20°34	23°15	12°45	25°23	13° 9	20°42	19° 2	14° 2	29°33	21°12	20° 4	26°38	n.a.	F 9
S 10	8 36 45	11°12'52	2♎27	24°56	12°52	26° 9	13°23	20°45	19° 0	14° 4	29°34	21° 4	20° 1	26°44	n.a.	S 10
S 11	8 40 42	12°12'18	14°19	26°38	12°57	26°55	13°36	20°48	18°58	14° 5	29°35	20°58	19°58	26°51	n.a.	S 11
M12	8 44 38	13°11'43	26°13	28°21	12°59	27°41	13°50	20°51	18°57	14° 6	29°37	20°54	19°54	26°58	n.a.	M12
T 13	8 48 35	14°11'06	8♏13	0♒ 5	12°R59	28°27	14° 3	20°53	18°55	14° 8	29°38	20°52	19°51	27° 4	n.a.	T 13
W14	8 52 31	15°10'26	20°24	1°51	12°57	29°13	14°17	20°56	18°53	14° 9	29°40	20°D52	19°48	27°11	n.a.	W14
T 15	8 56 28	16° 9'45	2♐52	3°37	12°52	29°58	14°30	20°58	18°51	14°10	29°41	20°53	19°45	27°18	n.a.	T 15
F 16	9 0 24	17° 9'03	15°42	5°26	12°45	0♑44	14°43	21° 0	18°49	14°12	29°43	20°R54	19°42	27°25	n.a.	F 16
S 17	9 4 21	18° 8'18	28°56	7°15	12°35	1°30	14°56	21° 3	18°47	14°13	29°44	20°54	19°38	27°31	n.a.	S 17
S 18	9 8 18	19° 7'31	12♑38	9° 6	12°23	2°16	15° 9	21° 5	18°45	14°14	29°45	20°52	19°35	27°38	n.a.	S 18
M19	9 12 14	20° 6'42	26°48	10°58	12° 8	3° 2	15°22	21° 7	18°42	14°15	29°47	20°47	19°32	27°45	n.a.	M19
T 20	9 16 11	21° 5'51	11♒23	12°52	11°51	3°48	15°35	21° 9	18°40	14°17	29°48	20°40	19°29	27°52	n.a.	T 20
W21	9 20 7	22° 4'58	26°17	14°47	11°32	4°34	15°48	21°10	18°38	14°18	29°50	20°32	19°26	27°58	n.a.	W21
T 22	9 24 4	23° 4'03	11♓21	16°43	11°10	5°20	16° 1	21°12	18°36	14°19	29°51	20°22	19°23	28° 5	n.a.	T 22
F 23	9 28 0	24° 3'05	26°25	18°41	10°46	6° 6	16°14	21°14	18°34	14°20	29°53	20°13	19°19	28°12	n.a.	F 23
S 24	9 31 57	25° 2'05	11♈20	20°39	10°20	6°52	16°27	21°15	18°31	14°21	29°54	20° 5	19°16	28°18	n.a.	S 24
S 25	9 35 53	26° 1'02	25°57	22°39	9°51	7°37	16°39	21°17	18°29	14°22	29°55	19°59	19°13	28°25	n.a.	S 25
M26	9 39 50	26°59'58	10♉13	24°40	9°21	8°23	16°52	21°18	18°27	14°23	29°57	19°56	19°10	28°32	n.a.	M26
T 27	9 43 46	27°58'50	24° 6	26°43	8°49	9° 9	17° 4	21°20	18°25	14°24	29°58	19°D55	19° 7	28°39	n.a.	T 27
W28	9 47 43	28♒57'41	7♊37	28♒46	8♓16	9♑55	17♑17	21♏21	18♍22	14♐25	29♒59	19♐55	19♐ 4	28♍45	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s58	23n25	1n 1	24s58	1s34	3s29	4n37	23s58	0s35	23s56	0s36	16s30	1n40	5n 2	0n47	21s59	0n51	27s28	16s47	23s35	23s29	2s58		n.a.
F 2	19 45	23 31	0s10	24 55	1 39	3 10	4 47	24 3	0 36	23 55	0 36	16 31	1 40	5 3	0 47	21 59	0 51	27 28	16 47	23 35	23 29	3 1		n.a.
S 3	19 30	22 21	1 19	24 50	1 44	2 52	4 58	24 7	0 37	23 54	0 36	16 32	1 40	5 3	0 47	21 59	0 51	27 27	16 47	23 35	23 28	3 3		n.a.
S 4	19 16	20 3	2 23	24 44	1 48	2 35	5 8	24 11	0 38	23 53	0 36	16 33	1 40	5 4	0 47	22 0	0 51	27 27	16 47	23 34	23 28	3 6		n.a.
M 5	19 1	16 49	3 19	24 36	1 52	2 18	5 19	24 14	0 38	23 51	0 36	16 33	1 40	5 5	0 47	22 0	0 51	27 26	16 47	23 34	23 28	3 8		n.a.
T 6	18 46	12 54	4 5	24 27	1 55	2 3	5 29	24 18	0 39	23 50	0 36	16 34	1 40	5 5	0 47	22 0	0 51	27 25	16 47	23 34	23 28	3 11		n.a.
W 7	18 30	8 31	4 38	24 16	1 58	1 48	5 40	24 21	0 40	23 49	0 37	16 35	1 40	5 6	0 47	22 0	0 51	27 25	16 47	23 33	23 28	3 14		n.a.
T 8	18 14	3 52	4 59	24 3	2 1	1 34	5 50	24 24	0 41	23 48	0 37	16 36	1 40	5 7	0 47	22 0	0 51	27 24	16 46	23 32	23 27	3 16		n.a.
F 9	17 58	0s53	5 7	23 48	2 3	1 20	6 1	24 27	0 42	23 47	0 37	16 36	1 41	5 7	0 47	22 1	0 51	27 23	16 46	23 32	23 27	3 19		n.a.
S 10	17 42	5 35	5 1	23 32	2 5	1 8	6 11	24 29	0 43	23 45	0 37	16 37	1 41	5 8	0 47	22 1	0 51	27 23	16 46	23 31	23 27	3 22		n.a.
S 11	17 25	10 3	4 42	23 14	2 6	0 57	6 21	24 31	0 43	23 44	0 37	16 38	1 41	5 9	0 47	22 1	0 51	27 22	16 46	23 31	23 27	3 24		n.a.
M12	17 8	14 10	4 11	22 54	2 7	0 47	6 31	24 33	0 44	23 43	0 37	16 38	1 41	5 10	0 47	22 1	0 51	27 21	16 46	23 31	23 26	3 27		n.a.
T 13	16 50	17 45	3 28	22 32	2 7	0 38	6 41	24 34	0 45	23 42	0 37	16 39	1 41	5 10	0 47	22 1	0 51	27 21	16 46	23 31	23 26	3 29		n.a.
W14	16 33	20 39	2 36	22 8	2 7	0 30	6 50	24 36	0 46	23 40	0 38	16 39	1 41	5 11	0 47	22 1	0 51	27 20	16 46	23 31	23 26	3 32		n.a.
T 15	16 15	22 38	1 35	21 43	2 7	0 23	6 59	24 37	0 47	23 39	0 38	16 40	1 41	5 12	0 47	22 1	0 51	27 20	16 46	23 31	23 26	3 35		n.a.
F 16	15 57	23 31	0 28	21 15	2 6	0 18	7 8	24 37	0 48	23 38	0 38	16 40	1 41	5 13	0 47	22 2	0 51	27 19	16 46	23 31	23 25	3 37		n.a.
S 17	15 38	23 7	0n43	20 45	2 4	0 14	7 17	24 38	0 48	23 36	0 38	16 41	1 41	5 14	0 47	22 2	0 51	27 18	16 46	23 31	23 25	3 40		n.a.
S 18	15 20	21 20	1 54	20 14	2 2	0 11	7 25	24 38	0 49	23 35	0 38	16 41	1 41	5 15	0 47	22 2	0 51	27 18	16 45	23 31	23 25	3 42		n.a.
M19	15 1	18 12	3 0	19 40	2 0	0 9	7 33	24 38	0 50	23 34	0 38	16 42	1 42	5 15	0 47	22 2	0 51	27 17	16 45	23 30	23 25	3 45		n.a.
T 20	14 42	13 52	3 56	19 5	1 57	0 9	7 40	24 37	0 51	23 32	0 39	16 42	1 42	5 16	0 47	22 2	0 51	27 17	16 45	23 30	23 24	3 48		n.a.
W21	14 23	8 37	4 37	18 28	1 53	0 10	7 47	24 37	0 52	23 31	0 39	16 43	1 42	5 17	0 47	22 2	0 51	27 16	16 45	23 29	23 24	3 50		n.a.
T 22	14 3	2 49	5 0	17 48	1 49	0 13	7 53	24 36	0 53	23 30	0 39	16 43	1 42	5 18	0 47	22 2	0 51	27 15	16 45	23 28	23 24	3 53		n.a.
F 23	13 43	3n 9	5 2	17 7	1 44	0 17	7 59	24 35	0 53	23 28	0 39	16 43	1 42	5 19	0 47	22 2	0 51	27 15	16 45	23 28	23 24	3 55		n.a.
S 24	13 23	8 53	4 43	16 24	1 39	0 22	8 4	24 33	0 54	23 27	0 39	16 44	1 42	5 20	0 47	22 3	0 51	27 14	16 45	23 27	23 23	3 58		n.a.
S 25	13 3	14 0	4 6	15 39	1 33	0 29	8 8	24 31	0 55	23 25	0 39	16 44	1 42	5 21	0 47	22 3	0 52	27 14	16 45	23 27	23 23	4 0		n.a.
M26	12 43	18 12	3 15	14 52	1 26	0 37	8 11	24 29	0 56	23 24	0 40	16 44	1 42	5 22	0 47	22 3	0 52	27 13	16 45	23 26	23 23	4 3		n.a.
T 27	12 22	21 15	2 13	14 3	1 19	0 46	8 14	24 27	0 57	23 23	0 40	16 44	1 42	5 23	0 47	22 3	0 52	27 13	16 45	23 26	23 22	4 6		n.a.
W28	12s 1	23n 0	1n 5	13s13	1s12	0s57	8n16	24s24	0s58	23s21	0s40	16s45	1n43	5n24	0n47	22s 3	0n52	27s12	16s45	23s26	23s22	4s 8		n.a.

Julian Day Number = 1306895.5, Delta T = 07h45m11s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'29, Lahiri = -19°37'28 Julian Calendar 1 Feb. 1135 BCE == Greg. Calendar 21 Jan. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

MARCH 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 40	29♒56'28	20♊46	0♓50	7°R41	10♑41	17♑29	21♏22	18°R20	14♐26	0♓ 1	19°R55	19♐ 0	28♍52	n.a.	T 1
F 2	9 55 36	0♓55'14	3♋39	2°55	7♓ 5	11°27	17°42	21°23	18♍17	14°27	0° 3	19♐54	18°57	28°59	n.a.	F 2
S 3	9 59 33	1°53'57	16°17	5° 0	6°28	12°13	17°54	21°24	18°15	14°27	0° 4	19°52	18°54	29° 6	n.a.	S 3
S 4	10 3 29	2°52'38	28°44	7° 5	5°50	12°58	18° 6	21°24	18°13	14°28	0° 6	19°46	18°51	29°12	n.a.	S 4
M 5	10 7 26	3°51'16	11♌ 2	9°11	5°12	13°44	18°18	21°25	18°10	14°29	0° 7	19°38	18°48	29°19	n.a.	M 5
T 6	10 11 22	4°49'53	23°11	11°16	4°34	14°30	18°30	21°26	18° 8	14°30	0° 9	19°27	18°44	29°26	n.a.	T 6
W 7	10 15 19	5°48'27	5♍15	13°21	3°55	15°16	18°42	21°26	18° 5	14°30	0°10	19°14	18°41	29°32	n.a.	W 7
T 8	10 19 15	6°46'59	17°13	15°26	3°18	16° 2	18°54	21°27	18° 3	14°31	0°11	19° 0	18°38	29°39	n.a.	T 8
F 9	10 23 12	7°45'29	29° 8	17°29	2°40	16°48	19° 6	21°27	18° 0	14°32	0°13	18°47	18°35	29°46	n.a.	F 9
S 10	10 27 8	8°43'57	11♎ 0	19°31	2° 4	17°33	19°17	21°27	17°58	14°32	0°14	18°35	18°32	29°53	n.a.	S 10
S 11	10 31 5	9°42'23	22°51	21°31	1°28	18°19	19°29	21°27	17°55	14°33	0°16	18°25	18°29	29°59	n.a.	S 11
M12	10 35 2	10°40'47	4♏45	23°29	0°54	19° 5	19°40	21°R27	17°53	14°33	0°17	18°18	18°25	0♎ 6	n.a.	M12
T 13	10 38 58	11°39'10	16°45	25°24	0°21	19°51	19°52	21°27	17°50	14°34	0°19	18°13	18°22	0°13	n.a.	T 13
W14	10 42 55	12°37'31	28°55	27°17	29♒50	20°36	20° 3	21°27	17°48	14°34	0°20	18°11	18°19	0°19	n.a.	W14
T 15	10 46 51	13°35'50	11♐21	29° 7	29°21	21°22	20°14	21°27	17°45	14°35	0°21	18°11	18°16	0°26	n.a.	T 15
F 16	10 50 48	14°34'07	24° 5	0♈53	28°54	22° 8	20°26	21°26	17°43	14°35	0°23	18°11	18°13	0°33	n.a.	F 16
S 17	10 54 44	15°32'23	7♑15	2°36	28°29	22°53	20°37	21°26	17°40	14°36	0°24	18°10	18°10	0°40	n.a.	S 17
S 18	10 58 41	16°30'37	20°52	4°16	28° 6	23°39	20°48	21°25	17°37	14°36	0°26	18° 7	18° 6	0°46	n.a.	S 18
M19	11 2 37	17°28'50	5♒ 0	5°51	27°45	24°25	20°58	21°24	17°35	14°36	0°27	18° 2	18° 3	0°53	n.a.	M19
T 20	11 6 34	18°27'01	19°35	7°23	27°27	25°10	21° 9	21°24	17°32	14°37	0°29	17°54	18° 0	1° 0	n.a.	T 20
W21	11 10 31	19°25'10	4♓35	8°50	27°11	25°56	21°20	21°23	17°30	14°37	0°30	17°45	17°57	1° 6	n.a.	W21
T 22	11 14 27	20°23'17	19°49	10°13	26°57	26°42	21°30	21°22	17°27	14°37	0°31	17°34	17°54	1°13	n.a.	T 22
F 23	11 18 24	21°21'23	5♈ 7	11°31	26°46	27°27	21°41	21°21	17°25	14°37	0°33	17°23	17°50	1°20	n.a.	F 23
S 24	11 22 20	22°19'26	20°18	12°45	26°38	28°13	21°51	21°20	17°22	14°37	0°34	17°13	17°47	1°27	n.a.	S 24
S 25	11 26 17	23°17'28	5♉12	13°55	26°31	28°58	22° 1	21°18	17°20	14°38	0°35	17° 6	17°44	1°33	n.a.	S 25
M26	11 30 13	24°15'28	19°42	15° 0	26°27	29°44	22°12	21°17	17°17	14°38	0°37	17° 2	17°41	1°40	n.a.	M26
T 27	11 34 10	25°13'26	3♊44	16° 0	26°D26	0♒29	22°22	21°16	17°15	14°38	0°38	17° 0	17°38	1°47	n.a.	T 27
W28	11 38 6	26°11'21	17°20	16°55	26°27	1°14	22°32	21°14	17°12	14°R38	0°39	17°D 0	17°35	1°54	n.a.	W28
T 29	11 42 3	27° 9'15	0♋30	17°46	26°30	2° 0	22°41	21°13	17° 9	14°38	0°41	17°R 0	17°31	2° 0	n.a.	T 29
F 30	11 45 59	28° 7'07	13°19	18°31	26°35	2°45	22°51	21°11	17° 7	14°38	0°42	16°59	17°28	2° 7	n.a.	F 30
S 31	11 49 56	29♓ 4'57	25♋50	19♈12	26♒43	3♒30	23♑ 1	21♏ 9	17♍ 5	14♐38	0♓43	16♐56	17♐25	2♎14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s41	23n26	0s 5	12s21	1s 4	1s 9	8n17	24s22	0s58	23s20	0s40	16s45	1n43	5n25	0n47	22s 3	0n52	27s11	16s45	23s26	23s22	4s11			n.a.
F 2	11 19	22 34	1 12	11 27	0 55	1 22	8 17	24 19	0 59	23 18	0 40	16 45	1 43	5 25	0 47	22 3	0 52	27 11	16 45	23 26	23 22	4 13			n.a.
S 3	10 58	20 35	2 15	10 33	0 46	1 37	8 16	24 15	1 0	23 17	0 40	16 45	1 43	5 26	0 47	22 3	0 52	27 10	16 45	23 26	23 21	4 16			n.a.
S 4	10 37	17 39	3 10	9 37	0 36	1 52	8 14	24 12	1 1	23 15	0 41	16 45	1 43	5 27	0 47	22 3	0 52	27 10	16 45	23 26	23 21	4 18			n.a.
M 5	10 15	13 58	3 56	8 40	0 26	2 9	8 11	24 8	1 2	23 14	0 41	16 45	1 43	5 28	0 47	22 3	0 52	27 9	16 45	23 25	23 21	4 21			n.a.
T 6	9 54	9 46	4 30	7 42	0 16	2 26	8 8	24 4	1 2	23 12	0 41	16 45	1 43	5 29	0 47	22 3	0 52	27 9	16 45	23 24	23 21	4 24			n.a.
W 7	9 32	5 14	4 51	6 43	0 5	2 44	8 3	23 59	1 3	23 11	0 41	16 45	1 43	5 30	0 47	22 3	0 52	27 8	16 45	23 23	23 20	4 26			n.a.
T 8	9 10	0 32	5 0	5 45	0n 6	3 3	7 58	23 55	1 4	23 9	0 41	16 45	1 43	5 31	0 47	22 4	0 52	27 8	16 45	23 22	23 20	4 29			n.a.
F 9	8 48	4s 9	4 55	4 46	0 17	3 22	7 51	23 50	1 5	23 8	0 41	16 45	1 44	5 32	0 47	22 4	0 52	27 7	16 45	23 21	23 20	4 31			n.a.
S 10	8 26	8 40	4 38	3 47	0 29	3 41	7 44	23 44	1 6	23 6	0 42	16 45	1 44	5 33	0 47	22 4	0 52	27 7	16 45	23 20	23 20	4 34			n.a.
S 11	8 3	12 52	4 8	2 49	0 40	4 1	7 37	23 39	1 6	23 5	0 42	16 45	1 44	5 34	0 47	22 4	0 52	27 6	16 45	23 19	23 19	4 36			n.a.
M12	7 41	16 34	3 28	1 51	0 51	4 21	7 28	23 33	1 7	23 3	0 42	16 45	1 44	5 35	0 47	22 4	0 52	27 6	16 45	23 18	23 19	4 39			n.a.
T 13	7 18	19 38	2 38	0 54	1 3	4 41	7 19	23 27	1 8	23 2	0 42	16 45	1 44	5 36	0 47	22 4	0 52	27 5	16 46	23 18	23 19	4 42			n.a.
W14	6 56	21 52	1 40	0n 2	1 14	5 2	7 9	23 21	1 9	23 0	0 42	16 45	1 44	5 37	0 47	22 4	0 52	27 5	16 46	23 18	23 18	4 44			n.a.
T 15	6 33	23 6	0 36	0 56	1 25	5 21	6 58	23 15	1 10	22 59	0 43	16 45	1 44	5 38	0 47	22 4	0 52	27 4	16 46	23 18	23 18	4 47			n.a.
F 16	6 10	23 11	0n31	1 49	1 35	5 41	6 47	23 8	1 10	22 57	0 43	16 44	1 44	5 39	0 47	22 4	0 52	27 4	16 46	23 18	23 18	4 49			n.a.
S 17	5 47	21 59	1 39	2 40	1 45	6 0	6 36	23 1	1 11	22 56	0 43	16 44	1 44	5 40	0 47	22 4	0 52	27 3	16 46	23 18	23 18	4 52			n.a.
S 18	5 24	19 29	2 44	3 29	1 55	6 19	6 24	22 54	1 12	22 54	0 43	16 44	1 44	5 41	0 47	22 4	0 52	27 3	16 46	23 17	23 17	4 54			n.a.
M19	5 1	15 46	3 40	4 15	2 4	6 38	6 12	22 47	1 13	22 53	0 43	16 44	1 45	5 42	0 47	22 4	0 52	27 3	16 46	23 17	23 17	4 57			n.a.
T 20	4 38	11 0	4 25	5 0	2 13	6 56	6 0	22 39	1 14	22 51	0 44	16 43	1 45	5 43	0 47	22 4	0 52	27 2	16 46	23 16	23 17	4 59			n.a.
W21	4 15	5 27	4 52	5 42	2 21	7 13	5 47	22 31	1 14	22 50	0 44	16 43	1 45	5 44	0 47	22 4	0 52	27 2	16 46	23 15	23 16	5 2			n.a.
T 22	3 52	0n29	5 0	6 22	2 28	7 30	5 34	22 23	1 15	22 48	0 44	16 43	1 45	5 45	0 47	22 4	0 52	27 1	16 46	23 14	23 16	5 4			n.a.
F 23	3 29	6 26	4 46	6 59	2 34	7 45	5 22	22 15	1 16	22 47	0 44	16 42	1 45	5 46	0 47	22 4	0 52	27 1	16 46	23 13	23 16	5 7			n.a.
S 24	3 6	11 56	4 12	7 34	2 40	8 1	5 9	22 6	1 17	22 45	0 45	16 42	1 45	5 47	0 47	22 4	0 52	27 0	16 47	23 12	23 15	5 9			n.a.
S 25	2 42	16 37	3 22	8 6	2 45	8 15	4 56	21 58	1 17	22 44	0 45	16 42	1 45	5 48	0 47	22 4	0 52	27 0	16 47	23 12	23 15	5 12			n.a.
M26	2 19	20 10	2 19	8 35	2 49	8 28	4 43	21 49	1 18	22 42	0 45	16 41	1 45	5 49	0 47	22 4	0 52	27 0	16 47	23 11	23 15	5 14			n.a.
T 27	1 56	22 23	1 10	9 2	2 52	8 41	4 30	21 39	1 19	22 41	0 45	16 41	1 45	5 50	0 47	22 4	0 52	26 59	16 47	23 11	23 15	5 17			n.a.
W28	1 32	23 11	0s 2	9 25	2 54	8 53	4 17	21 30	1 20	22 40	0 45	16 40	1 45	5 51	0 47	22 4	0 52	26 59	16 47	23 11	23 14	5 19			n.a.
T 29	1 9	22 39	1 11	9 46	2 55	9 4	4 4	21 20	1 20	22 38	0 46	16 40	1 45	5 52	0 47	22 4	0 52	26 59	16 47	23 11	23 14	5 22			n.a.
F 30	0 46	20 55	2 14	10 4	2 55	9 14	3 51	21 11	1 21	22 37	0 46	16 39	1 46	5 53	0 47	22 4	0 52	26 58	16 47	23 11	23 14	5 25			n.a.
S 31	0s22	18n13	3s10	10n19	2n54	9s23	3n39	21s 1	1s22	22s35	0s46	16s39	1n46	5n54	0n47	22s 4	0n52	26s58	16s48	23s11	23s13	5s27			n.a.

Julian Day Number = 1306923.5, Delta T = 07h45m10s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'25, Lahiri = -19°37'25 Julian Calendar 1 March 1135 BCE == Greg. Calendar 18 Feb. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

APRIL 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 53	0♈ 2'45	8♌ 8	19♈47	26♒53	4♒16	23♉10	21°R 7	17°R 2	14°R37	0♓45	16°R51	17♐22	2♎20	n.a.	S 1
M 2	11 57 49	1° 0'31	20°16	20°17	27° 5	5° 1	23°19	21♏ 5	17♍ 0	14♐37	0°46	16♐43	17°19	2°27	n.a.	M 2
T 3	12 1 46	1°58'15	2♍17	20°43	27°19	5°46	23°29	21° 3	16°57	14°37	0°47	16°33	17°15	2°34	n.a.	T 3
W 4	12 5 42	2°55'58	14°14	21° 3	27°35	6°31	23°38	21° 1	16°55	14°37	0°49	16°21	17°12	2°41	n.a.	W 4
T 5	12 9 39	3°53'39	26° 7	21°18	27°53	7°16	23°47	20°59	16°52	14°37	0°50	16° 8	17° 9	2°47	n.a.	T 5
F 6	12 13 35	4°51'18	7♎59	21°28	28°12	8° 2	23°55	20°57	16°50	14°36	0°51	15°55	17° 6	2°54	n.a.	F 6
S 7	12 17 32	5°48'56	19°52	21°33	28°34	8°47	24° 4	20°54	16°48	14°36	0°52	15°43	17° 3	3° 1	n.a.	S 7
S 8	12 21 28	6°46'33	1♏46	21°R33	28°57	9°32	24°13	20°52	16°45	14°36	0°54	15°34	17° 0	3° 7	n.a.	S 8
M 9	12 25 25	7°44'08	13°44	21°29	29°22	10°17	24°21	20°49	16°43	14°35	0°55	15°27	16°56	3°14	n.a.	M 9
T 10	12 29 21	8°41'43	25°49	21°19	29°49	11° 2	24°30	20°47	16°40	14°35	0°56	15°23	16°53	3°21	n.a.	T 10
W11	12 33 18	9°39'16	8♐ 3	21° 6	0♓17	11°46	24°38	20°44	16°38	14°35	0°57	15°21	16°50	3°28	n.a.	W11
T 12	12 37 15	10°36'48	20°30	20°48	0°46	12°31	24°46	20°41	16°36	14°34	0°58	15°D21	16°47	3°34	n.a.	T 12
F 13	12 41 11	11°34'18	3♉14	20°27	1°18	13°16	24°54	20°38	16°34	14°34	0°59	15°21	16°44	3°41	n.a.	F 13
S 14	12 45 8	12°31'48	16°21	20° 2	1°50	14° 1	25° 1	20°35	16°31	14°33	1° 1	15°R22	16°41	3°48	n.a.	S 14
S 15	12 49 4	13°29'17	29°52	19°35	2°24	14°46	25° 9	20°33	16°29	14°33	1° 2	15°20	16°37	3°54	n.a.	S 15
M16	12 53 1	14°26'45	13♒51	19° 5	2°59	15°30	25°17	20°29	16°27	14°32	1° 3	15°17	16°34	4° 1	n.a.	M16
T 17	12 56 57	15°24'12	28°17	18°33	3°35	16°15	25°24	20°26	16°25	14°31	1° 4	15°12	16°31	4° 8	n.a.	T 17
W18	13 0 54	16°21'38	13♓ 7	18° 0	4°13	17° 0	25°31	20°23	16°23	14°31	1° 5	15° 5	16°28	4°15	n.a.	W18
T 19	13 4 50	17°19'03	28°15	17°26	4°52	17°44	25°38	20°20	16°21	14°30	1° 6	14°56	16°25	4°21	n.a.	T 19
F 20	13 8 47	18°16'27	13♈31	16°52	5°31	18°29	25°45	20°17	16°19	14°29	1° 7	14°48	16°21	4°28	n.a.	F 20
S 21	13 12 44	19°13'50	28°43	16°18	6°12	19°13	25°52	20°13	16°17	14°29	1° 8	14°40	16°18	4°35	n.a.	S 21
S 22	13 16 40	20°11'12	13♉43	15°46	6°54	19°57	25°58	20°10	16°15	14°28	1° 9	14°35	16°15	4°41	n.a.	S 22
M23	13 20 37	21° 8'33	28°21	15°15	7°37	20°42	26° 5	20° 6	16°13	14°27	1°10	14°32	16°12	4°48	n.a.	M23
T 24	13 24 33	22° 5'53	12♊32	14°46	8°20	21°26	26°11	20° 3	16°11	14°26	1°11	14°D31	16° 9	4°55	n.a.	T 24
W25	13 28 30	23° 3'11	26°15	14°19	9° 5	22°10	26°17	19°59	16° 9	14°26	1°12	14°31	16° 6	5° 2	n.a.	W25
T 26	13 32 26	24° 0'28	9♋32	13°56	9°50	22°54	26°23	19°55	16° 7	14°25	1°13	14°32	16° 2	5° 8	n.a.	T 26
F 27	13 36 23	24°57'44	22°24	13°36	10°37	23°38	26°29	19°52	16° 5	14°24	1°14	14°R33	15°59	5°15	n.a.	F 27
S 28	13 40 20	25°54'59	4♌56	13°19	11°24	24°22	26°35	19°48	16° 4	14°23	1°15	14°33	15°56	5°22	n.a.	S 28
S 29	13 44 16	26°52'13	17°12	13° 6	12°12	25° 6	26°40	19°44	16° 2	14°22	1°16	14°30	15°53	5°28	n.a.	S 29
M30	13 48 13	27♈49'26	29♌16	12♈58	13♓ 0	25♒50	26♉46	19♏40	16♍ 0	14♐21	1♓17	14♐26	15♐50	5♎35	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 1	14n44	3s56	10n31	2n52	9s32	3n26	20s50	1s22	22s34	0s46	16s38	1n46	5n55	0n47	22s 4	0n52	26s58	16s48	23s10	23s13	5s30		n.a.
M 2	0 24	10 42	4 30	10 39	2 49	9 39	3 14	20 40	1 23	22 32	0 47	16 37	1 46	5 56	0 47	22 4	0 52	26 57	16 48	23 9	23 13	5 32		n.a.
T 3	0 48	6 18	4 52	10 45	2 45	9 46	3 2	20 29	1 24	22 31	0 47	16 37	1 46	5 57	0 47	22 4	0 52	26 57	16 48	23 8	23 12	5 35		n.a.
W 4	1 11	1 42	5 1	10 48	2 40	9 51	2 50	20 18	1 25	22 30	0 47	16 36	1 46	5 58	0 47	22 4	0 52	26 57	16 48	23 7	23 12	5 37		n.a.
T 5	1 34	2s57	4 56	10 48	2 33	9 56	2 38	20 8	1 25	22 28	0 47	16 36	1 46	5 59	0 47	22 4	0 52	26 56	16 49	23 6	23 12	5 40		n.a.
F 6	1 58	7 29	4 39	10 45	2 26	10 0	2 27	19 56	1 26	22 27	0 47	16 35	1 46	6 0	0 47	22 4	0 52	26 56	16 49	23 4	23 12	5 42		n.a.
S 7	2 21	11 44	4 10	10 39	2 17	10 3	2 15	19 45	1 27	22 26	0 48	16 34	1 46	6 1	0 47	22 4	0 52	26 56	16 49	23 3	23 11	5 45		n.a.
S 8	2 44	15 33	3 30	10 30	2 7	10 5	2 4	19 33	1 27	22 24	0 48	16 33	1 46	6 2	0 47	22 4	0 52	26 55	16 49	23 2	23 11	5 47		n.a.
M 9	3 7	18 45	2 40	10 18	1 56	10 7	1 54	19 22	1 28	22 23	0 48	16 33	1 46	6 3	0 47	22 3	0 52	26 55	16 49	23 1	23 11	5 49		n.a.
T 10	3 30	21 10	1 42	10 3	1 44	10 7	1 43	19 10	1 29	22 22	0 48	16 32	1 46	6 4	0 47	22 3	0 52	26 55	16 50	23 1	23 10	5 52		n.a.
W11	3 53	22 39	0 39	9 46	1 32	10 7	1 33	18 58	1 29	22 21	0 49	16 31	1 46	6 5	0 47	22 3	0 52	26 55	16 50	23 1	23 10	5 54		n.a.
T 12	4 16	23 2	0n27	9 27	1 18	10 5	1 23	18 46	1 30	22 19	0 49	16 30	1 46	6 5	0 47	22 3	0 52	26 54	16 50	23 1	23 10	5 57		n.a.
F 13	4 39	22 13	1 34	9 5	1 3	10 3	1 13	18 33	1 31	22 18	0 49	16 30	1 46	6 6	0 47	22 3	0 52	26 54	16 50	23 1	23 9	5 59		n.a.
S 14	5 2	20 12	2 38	8 41	0 48	10 1	1 3	18 21	1 31	22 17	0 49	16 29	1 47	6 7	0 47	22 3	0 52	26 54	16 51	23 1	23 9	6 2		n.a.
S 15	5 24	17 1	3 34	8 16	0 32	9 57	0 54	18 8	1 32	22 16	0 50	16 28	1 47	6 8	0 47	22 3	0 52	26 54	16 51	23 0	23 9	6 4		n.a.
M16	5 47	12 47	4 20	7 49	0 15	9 53	0 45	17 55	1 32	22 15	0 50	16 27	1 47	6 9	0 47	22 3	0 52	26 54	16 51	23 0	23 8	6 7		n.a.
T 17	6 10	7 42	4 52	7 21	0s 2	9 48	0 36	17 42	1 33	22 14	0 50	16 26	1 47	6 10	0 47	22 3	0 52	26 53	16 51	23 0	23 8	6 9		n.a.
W18	6 32	2 4	5 5	6 53	0 19	9 42	0 27	17 29	1 34	22 13	0 50	16 25	1 47	6 11	0 47	22 3	0 52	26 53	16 51	22 59	23 8	6 12		n.a.
T 19	6 54	3n49	4 57	6 24	0 36	9 36	0 19	17 16	1 34	22 11	0 51	16 24	1 47	6 11	0 47	22 3	0 52	26 53	16 52	22 58	23 7	6 14		n.a.
F 20	7 17	9 31	4 28	5 55	0 53	9 28	0 11	17 2	1 35	22 10	0 51	16 23	1 47	6 12	0 47	22 3	0 52	26 53	16 52	22 57	23 7	6 17		n.a.
S 21	7 39	14 37	3 40	5 27	1 10	9 21	0 3	16 49	1 35	22 9	0 51	16 22	1 47	6 13	0 47	22 3	0 52	26 53	16 52	22 56	23 7	6 19		n.a.
S 22	8 1	18 43	2 37	4 59	1 26	9 12	0s 5	16 35	1 36	22 8	0 52	16 22	1 47	6 14	0 47	22 2	0 52	26 53	16 53	22 55	23 6	6 22		n.a.
M23	8 23	21 30	1 26	4 32	1 42	9 3	0 13	16 21	1 37	22 7	0 52	16 21	1 47	6 14	0 47	22 2	0 52	26 52	16 53	22 55	23 6	6 24		n.a.
T 24	8 45	22 51	0 11	4 7	1 57	8 53	0 20	16 7	1 37	22 7	0 52	16 20	1 47	6 15	0 47	22 2	0 52	26 52	16 53	22 55	23 6	6 27		n.a.
W25	9 6	22 44	1s 3	3 44	2 11	8 43	0 27	15 53	1 38	22 6	0 52	16 19	1 47	6 16	0 47	22 2	0 52	26 52	16 53	22 55	23 5	6 29		n.a.
T 26	9 28	21 19	2 10	3 22	2 24	8 32	0 34	15 39	1 38	22 5	0 53	16 18	1 47	6 17	0 47	22 2	0 52	26 52	16 54	22 55	23 5	6 31		n.a.
F 27	9 49	18 49	3 9	3 3	2 37	8 20	0 41	15 25	1 39	22 4	0 53	16 17	1 47	6 17	0 47	22 2	0 52	26 52	16 54	22 55	23 5	6 34		n.a.
S 28	10 10	15 30	3 58	2 46	2 48	8 8	0 47	15 10	1 39	22 3	0 53	16 15	1 47	6 18	0 47	22 2	0 52	26 52	16 54	22 55	23 4	6 36		n.a.
S 29	10 31	11 35	4 34	2 32	2 58	7 55	0 53	14 56	1 40	22 2	0 53	16 14	1 47	6 19	0 46	22 2	0 53	26 52	16 55	22 55	23 4	6 39		n.a.
M30	10n52	7n17	4s57	2n20	3s 7	7s41	0s59	14s41	1s40	22s 1	0s54	16s13	1n47	6n19	0n46	22s 2	0n53	26s52	16s55	22s54	23s 4	6s41		n.a.

Julian Day Number = 1306954.5, Delta T = 07h45m08s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'21, Lahiri = -19°37'20 Julian Calendar 1 Apr. 1135 BCE == Greg. Calendar 21 March 1135 BCE

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

MAY 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 9	28♈46'37	11♍14	12°D54	13♓49	26♒34	26♉51	19°R36	15°R59	14°R20	1♓18	14°R20	15♐46	5♎42	n.a.	T 1
W 2	13 56 6	29°43'48	23° 7	12♈54	14°39	27°18	26°56	19♏32	15♍57	14♐19	1°19	14♐13	15°43	5°49	n.a.	W 2
T 3	14 0 2	0♉40'58	4♎58	12°59	15°30	28° 2	27° 1	19°28	15°55	14°18	1°19	14° 5	15°40	5°55	n.a.	T 3
F 4	14 3 59	1°38'07	16°51	13° 8	16°21	28°45	27° 5	19°24	15°54	14°17	1°20	13°57	15°37	6° 2	n.a.	F 4
S 5	14 7 55	2°35'16	28°47	13°22	17°13	29°29	27°10	19°20	15°52	14°16	1°21	13°50	15°34	6° 9	n.a.	S 5
S 6	14 11 52	3°32'23	10♏47	13°40	18° 6	0♓12	27°14	19°16	15°51	14°15	1°22	13°45	15°31	6°15	n.a.	S 6
M 7	14 15 49	4°29'31	22°54	14° 3	18°59	0°56	27°18	19°12	15°49	14°14	1°23	13°41	15°27	6°22	n.a.	M 7
T 8	14 19 45	5°26'38	5♐ 9	14°30	19°52	1°39	27°22	19° 8	15°48	14°12	1°23	13°39	15°24	6°29	n.a.	T 8
W 9	14 23 42	6°23'44	17°34	15° 2	20°47	2°22	27°26	19° 4	15°47	14°11	1°24	13°D38	15°21	6°36	n.a.	W 9
T 10	14 27 38	7°20'51	0♑11	15°38	21°41	3° 6	27°30	18°59	15°45	14°10	1°25	13°39	15°18	6°42	n.a.	T 10
F 11	14 31 35	8°17'57	13° 3	16°18	22°36	3°49	27°33	18°55	15°44	14° 9	1°26	13°41	15°15	6°49	n.a.	F 11
S 12	14 35 31	9°15'03	26°13	17° 2	23°32	4°32	27°36	18°51	15°43	14° 8	1°26	13°42	15°12	6°56	n.a.	S 12
S 13	14 39 28	10°12'08	9♒44	17°51	24°28	5°15	27°39	18°46	15°42	14° 6	1°27	13°R43	15° 8	7° 2	n.a.	S 13
M14	14 43 24	11° 9'14	23°36	18°43	25°25	5°58	27°42	18°42	15°41	14° 5	1°28	13°42	15° 5	7° 9	n.a.	M14
T 15	14 47 21	12° 6'20	7♓50	19°40	26°22	6°41	27°45	18°38	15°40	14° 4	1°28	13°40	15° 2	7°16	n.a.	T 15
W16	14 51 18	13° 3'26	22°24	20°40	27°19	7°23	27°47	18°33	15°39	14° 2	1°29	13°37	14°59	7°23	n.a.	W16
T 17	14 55 14	14° 0'31	7♈14	21°45	28°17	8° 6	27°50	18°29	15°38	14° 1	1°29	13°33	14°56	7°29	n.a.	T 17
F 18	14 59 11	14°57'37	22°12	22°53	29°15	8°49	27°52	18°25	15°37	14° 0	1°30	13°29	14°52	7°36	n.a.	F 18
S 19	15 3 7	15°54'43	7♉11	24° 4	0♈14	9°31	27°54	18°20	15°36	13°58	1°30	13°26	14°49	7°43	n.a.	S 19
S 20	15 7 4	16°51'49	22° 1	25°20	1°13	10°14	27°56	18°16	15°35	13°57	1°31	13°23	14°46	7°49	n.a.	S 20
M21	15 11 0	17°48'54	6♊35	26°39	2°12	10°56	27°57	18°12	15°35	13°56	1°31	13°D22	14°43	7°56	n.a.	M21
T 22	15 14 57	18°46'00	20°46	28° 1	3°12	11°38	27°59	18° 7	15°34	13°54	1°32	13°22	14°40	8° 3	n.a.	T 22
W23	15 18 54	19°43'05	4♋33	29°28	4°12	12°20	28° 0	18° 3	15°33	13°53	1°32	13°23	14°37	8°10	n.a.	W23
T 24	15 22 50	20°40'10	17°54	0♌57	5°13	13° 2	28° 1	17°58	15°33	13°51	1°33	13°25	14°33	8°16	n.a.	T 24
F 25	15 26 47	21°37'15	0♎51	2°30	6°13	13°44	28° 2	17°54	15°32	13°50	1°33	13°26	14°30	8°23	n.a.	F 25
S 26	15 30 43	22°34'20	13°26	4° 7	7°14	14°26	28° 2	17°50	15°32	13°48	1°34	13°27	14°27	8°30	n.a.	S 26
S 27	15 34 40	23°31'24	25°45	5°47	8°15	15° 8	28° 3	17°45	15°31	13°47	1°34	13°R27	14°24	8°36	n.a.	S 27
M28	15 38 36	24°28'29	7♏50	7°30	9°17	15°50	28° 3	17°41	15°31	13°45	1°34	13°27	14°21	8°43	n.a.	M28
T 29	15 42 33	25°25'33	19°47	9°16	10°19	16°31	28°R 3	17°37	15°30	13°44	1°35	13°25	14°18	8°50	n.a.	T 29
W30	15 46 29	26°22'37	1♎39	11° 5	11°21	17°13	28° 3	17°32	15°30	13°42	1°35	13°23	14°14	8°57	n.a.	W30
T 31	15 50 26	27♉19'41	13♎32	12♉57	12♈23	17♓54	28♉ 2	17♏28	15♍30	13♐41	1♓35	13♐21	14♐11	9♎ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n13	2n44	5s 7	2n11	3s15	7s28	1s 5	14s26	1s41	22s 1	0s54	16s12	1n47	6n20	0n46	22s 1	0n53	26s52	16s55	22s54	23s 3	6s44			n.a.
W 2	11 33	1s52	5 4	2 5	3 22	7 13	1 11	14 12	1 42	22 0	0 54	16 11	1 47	6 20	0 46	22 1	0 53	26 52	16 55	22 53	23 3	6 46			n.a.
T 3	11 54	6 24	4 48	2 1	3 28	6 58	1 16	13 57	1 42	21 59	0 55	16 10	1 47	6 21	0 46	22 1	0 53	26 52	16 56	22 52	23 3	6 48			n.a.
F 4	12 14	10 42	4 19	2 1	3 33	6 43	1 21	13 42	1 43	21 59	0 55	16 9	1 47	6 22	0 46	22 1	0 53	26 52	16 56	22 51	23 2	6 51			n.a.
S 5	12 34	14 37	3 39	2 3	3 36	6 27	1 26	13 27	1 43	21 58	0 55	16 8	1 47	6 22	0 46	22 1	0 53	26 52	16 56	22 50	23 2	6 53			n.a.
S 6	12 54	17 58	2 49	2 8	3 38	6 10	1 31	13 11	1 43	21 58	0 55	16 7	1 47	6 23	0 46	22 1	0 53	26 52	16 57	22 49	23 2	6 56			n.a.
M 7	13 14	20 34	1 50	2 15	3 40	5 53	1 36	12 56	1 44	21 57	0 56	16 6	1 47	6 23	0 46	22 1	0 53	26 52	16 57	22 49	23 1	6 58			n.a.
T 8	13 33	22 16	0 46	2 26	3 40	5 36	1 40	12 41	1 44	21 56	0 56	16 5	1 47	6 24	0 46	22 0	0 53	26 52	16 57	22 49	23 1	7 1			n.a.
W 9	13 52	22 53	0n21	2 39	3 40	5 18	1 44	12 25	1 45	21 56	0 56	16 3	1 47	6 24	0 46	22 0	0 53	26 52	16 58	22 49	23 1	7 3			n.a.
T 10	14 11	22 21	1 29	2 54	3 38	5 0	1 48	12 10	1 45	21 56	0 57	16 2	1 47	6 25	0 46	22 0	0 53	26 52	16 58	22 49	23 0	7 5			n.a.
F 11	14 30	20 38	2 33	3 12	3 36	4 42	1 52	11 54	1 46	21 55	0 57	16 1	1 47	6 25	0 46	22 0	0 53	26 52	16 58	22 49	23 0	7 8			n.a.
S 12	14 49	17 47	3 31	3 32	3 33	4 23	1 56	11 39	1 46	21 55	0 57	16 0	1 47	6 26	0 46	22 0	0 53	26 52	16 59	22 49	22 59	7 10			n.a.
S 13	15 7	13 56	4 19	3 54	3 29	4 3	1 59	11 23	1 47	21 54	0 58	15 59	1 47	6 26	0 46	22 0	0 53	26 52	16 59	22 49	22 59	7 13			n.a.
M14	15 25	9 15	4 54	4 19	3 24	3 43	2 3	11 8	1 47	21 54	0 58	15 58	1 47	6 26	0 46	22 0	0 53	26 52	16 59	22 49	22 59	7 15			n.a.
T 15	15 43	3 58	5 11	4 46	3 18	3 23	2 6	10 52	1 47	21 54	0 58	15 57	1 47	6 27	0 46	21 59	0 53	26 52	17 0	22 49	22 58	7 17			n.a.
W16	16 1	1n39	5 9	5 15	3 12	3 3	2 9	10 36	1 48	21 54	0 58	15 55	1 47	6 27	0 46	21 59	0 53	26 52	17 0	22 48	22 58	7 20			n.a.
T 17	16 18	7 17	4 46	5 45	3 5	2 42	2 12	10 20	1 48	21 54	0 59	15 54	1 47	6 27	0 46	21 59	0 53	26 52	17 0	22 48	22 58	7 22			n.a.
F 18	16 35	12 33	4 4	6 18	2 57	2 21	2 15	10 4	1 49	21 53	0 59	15 53	1 46	6 28	0 46	21 59	0 53	26 52	17 1	22 47	22 57	7 25			n.a.
S 19	16 52	17 3	3 5	6 52	2 49	2 0	2 17	9 48	1 49	21 53	0 59	15 52	1 46	6 28	0 46	21 59	0 53	26 52	17 1	22 47	22 57	7 27			n.a.
S 20	17 9	20 25	1 55	7 28	2 40	1 38	2 20	9 32	1 49	21 53	1 0	15 51	1 46	6 28	0 46	21 59	0 53	26 53	17 1	22 47	22 57	7 29			n.a.
M21	17 25	22 22	0 37	8 6	2 31	1 16	2 22	9 16	1 50	21 53	1 0	15 50	1 46	6 29	0 46	21 58	0 53	26 53	17 2	22 47	22 56	7 32			n.a.
T 22	17 41	22 50	0s41	8 45	2 21	0 54	2 24	9 0	1 50	21 53	1 0	15 48	1 46	6 29	0 46	21 58	0 53	26 53	17 2	22 47	22 56	7 34			n.a.
W23	17 57	21 51	1 54	9 25	2 11	0 32	2 26	8 44	1 50	21 53	1 1	15 47	1 46	6 29	0 46	21 58	0 53	26 53	17 3	22 47	22 55	7 37			n.a.
T 24	18 13	19 39	2 59	10 7	2 1	0 9	2 28	8 28	1 51	21 53	1 1	15 46	1 46	6 29	0 46	21 58	0 53	26 53	17 3	22 47	22 55	7 39			n.a.
F 25	18 28	16 31	3 52	10 49	1 50	0n14	2 29	8 12	1 51	21 54	1 1	15 45	1 46	6 29	0 45	21 58	0 53	26 53	17 3	22 47	22 55	7 41			n.a.
S 26	18 43	12 42	4 33	11 33	1 39	0 37	2 31	7 56	1 51	21 54	1 2	15 44	1 46	6 30	0 45	21 57	0 53	26 53	17 4	22 47	22 54	7 44			n.a.
S 27	18 57	8 26	5 0	12 18	1 27	1 0	2 32	7 40	1 52	21 54	1 2	15 43	1 46	6 30	0 45	21 57	0 53	26 54	17 4	22 47	22 54	7 46			n.a.
M28	19 12	3 55	5 14	13 3	1 15	1 23	2 33	7 23	1 52	21 54	1 2	15 42	1 46	6 30	0 45	21 57	0 53	26 54	17 4	22 47	22 54	7 48			n.a.
T 29	19 26	0s41	5 13	13 49	1 4	1 47	2 35	7 7	1 52	21 54	1 2	15 40	1 46	6 30	0 45	21 57	0 53	26 54	17 5	22 47	22 53	7 51			n.a.
W30	19 40	5 14	4 59	14 35	0 52	2 11	2 35	6 51	1 52	21 55	1 3	15 39	1 46	6 30	0 45	21 57	0 53	26 54	17 5	22 47	22 53	7 53			n.a.
T 31	19n53	9s36	4s33	15n21	0s40	2n35	2s36	6s35	1s53	21s55	1s 3	15s38	1n45	6n30	0n45	21s57	0n53	26s55	17s 5	22s46	22s52	7s55			n.a.

Julian Day Number = 1306984.5, Delta T = 07h45m07s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'17, Lahiri = -19°37'16 Julian Calendar 1 May 1135 BCE == Greg. Calendar 20 Apr. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

JUNE 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 54 23	28♉16'46	25♎27	14♉52	13♈26	18♓35	28°R 2	17°R24	15°R30	13°R39	1♓35	13°R19	14♐ 8	9♎10	n.a.	F 1
S 2	15 58 19	29°13'50	7♏28	16°49	14°29	19°16	28♊ 1	17♏19	15♍29	13♐38	1°36	13♐16	14° 5	9°17	n.a.	S 2
S 3	16 2 16	0♊10'55	19°37	18°49	15°32	19°57	28° 0	17°15	15°29	13°36	1°36	13°15	14° 2	9°23	n.a.	S 3
M 4	16 6 12	1° 8'00	1♐56	20°51	16°35	20°38	27°59	17°11	15°D29	13°35	1°36	13°14	13°58	9°30	n.a.	M 4
T 5	16 10 9	2° 5'06	14°25	22°54	17°39	21°19	27°58	17° 7	15°29	13°33	1°36	13°D14	13°55	9°37	n.a.	T 5
W 6	16 14 5	3° 2'12	27° 8	24°59	18°42	22° 0	27°56	17° 3	15°29	13°31	1°36	13°14	13°52	9°44	n.a.	W 6
T 7	16 18 2	3°59'19	10♊ 3	27° 5	19°46	22°40	27°55	16°59	15°29	13°30	1°37	13°15	13°49	9°50	n.a.	T 7
F 8	16 21 58	4°56'27	23°12	29°13	20°51	23°21	27°53	16°55	15°30	13°28	1°37	13°16	13°46	9°57	n.a.	F 8
S 9	16 25 55	5°53'35	6♒36	1♊21	21°55	24° 1	27°51	16°50	15°30	13°27	1°37	13°16	13°43	10° 4	n.a.	S 9
S 10	16 29 52	6°50'44	20°14	3°29	23° 0	24°42	27°48	16°46	15°30	13°25	1°37	13°17	13°39	10°10	n.a.	S 10
M11	16 33 48	7°47'54	4♓ 8	5°37	24° 5	25°22	27°46	16°43	15°30	13°23	1°37	13°R17	13°36	10°17	n.a.	M11
T 12	16 37 45	8°45'05	18°15	7°45	25°10	26° 2	27°43	16°39	15°31	13°22	1°R37	13°17	13°33	10°24	n.a.	T 12
W13	16 41 41	9°42'17	2♈35	9°52	26°15	26°42	27°40	16°35	15°31	13°20	1°37	13°17	13°30	10°31	n.a.	W13
T 14	16 45 38	10°39'30	17° 3	11°59	27°21	27°22	27°37	16°31	15°32	13°19	1°37	13°16	13°27	10°37	n.a.	T 14
F 15	16 49 34	11°36'44	1♉38	14° 5	28°26	28° 1	27°34	16°27	15°32	13°17	1°37	13°16	13°24	10°44	n.a.	F 15
S 16	16 53 31	12°33'59	16°11	16°10	29°32	28°41	27°31	16°23	15°33	13°15	1°37	13°16	13°20	10°51	n.a.	S 16
S 17	16 57 28	13°31'15	0♊40	18°14	0♉38	29°20	27°27	16°20	15°34	13°14	1°37	13°D16	13°17	10°57	n.a.	S 17
M18	17 1 24	14°28'32	14°56	20°16	1°44	29°59	27°24	16°16	15°34	13°12	1°37	13°R16	13°14	11° 4	n.a.	M18
T 19	17 5 21	15°25'49	28°57	22°18	2°51	0♈38	27°20	16°13	15°35	13°10	1°36	13°16	13°11	11°11	n.a.	T 19
W20	17 9 17	16°23'08	12♋37	24°17	3°57	1°17	27°15	16° 9	15°36	13° 9	1°36	13°16	13° 8	11°18	n.a.	W20
T 21	17 13 14	17°20'28	25°56	26°15	5° 4	1°56	27°11	16° 6	15°37	13° 7	1°36	13°16	13° 4	11°24	n.a.	T 21
F 22	17 17 10	18°17'48	8♌54	28°12	6°11	2°35	27° 7	16° 2	15°38	13° 6	1°36	13°15	13° 1	11°31	n.a.	F 22
S 23	17 21 7	19°15'09	21°31	0♍ 7	7°18	3°14	27° 2	15°59	15°39	13° 4	1°36	13°14	12°58	11°38	n.a.	S 23
S 24	17 25 3	20°12'30	3♍52	2° 0	8°25	3°52	26°57	15°56	15°40	13° 2	1°35	13°14	12°55	11°44	n.a.	S 24
M25	17 29 0	21° 9'53	15°58	3°52	9°32	4°30	26°52	15°53	15°41	13° 1	1°35	13°D13	12°52	11°51	n.a.	M25
T 26	17 32 57	22° 7'16	27°56	5°43	10°39	5° 8	26°47	15°49	15°42	12°59	1°35	13°14	12°49	11°58	n.a.	T 26
W27	17 36 53	23° 4'40	9♎49	7°31	11°47	5°46	26°42	15°46	15°43	12°58	1°35	13°14	12°45	12° 4	n.a.	W27
T 28	17 40 50	24° 2'05	21°42	9°18	12°55	6°24	26°37	15°43	15°44	12°56	1°34	13°15	12°42	12°11	n.a.	T 28
F 29	17 44 46	24°59'32	3♏39	11° 4	14° 2	7° 2	26°31	15°40	15°45	12°54	1°34	13°16	12°39	12°18	n.a.	F 29
S 30	17 48 43	25♊56'59	15♏44	12♋47	15♉10	7♈39	26♊25	15♏38	15♍47	12♐53	1♓34	13♐17	12♐36	12♎25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 6	13s37	3s54	16n 7	0s28	2n59	2s37	6s19	1s53	21s56	1s 3	15s37	1n45	6n30	0n45	21s56	0n53	26s55	17s 6	22s46	22s52	7s58		n.a.
S 2	20 19	17 8	3 5	16 52	0 16	3 23	2 38	6 3	1 53	21 56	1 4	15 36	1 45	6 30	0 45	21 56	0 53	26 55	17 6	22 46	22 52	8 0		n.a.
S 3	20 31	19 57	2 7	17 37	0 5	3 47	2 38	5 46	1 53	21 57	1 4	15 35	1 45	6 30	0 45	21 56	0 53	26 55	17 7	22 46	22 51	8 2		n.a.
M 4	20 43	21 54	1 2	18 22	0n 6	4 11	2 38	5 30	1 54	21 57	1 4	15 34	1 45	6 30	0 45	21 56	0 53	26 56	17 7	22 45	22 51	8 5		n.a.
T 5	20 55	22 48	0n 7	19 5	0 17	4 36	2 38	5 14	1 54	21 58	1 5	15 33	1 45	6 30	0 45	21 56	0 53	26 56	17 7	22 45	22 51	8 7		n.a.
W 6	21 6	22 32	1 16	19 46	0 28	5 0	2 39	4 58	1 54	21 58	1 5	15 32	1 45	6 30	0 45	21 55	0 53	26 56	17 8	22 45	22 50	8 10		n.a.
T 7	21 17	21 4	2 23	20 26	0 38	5 25	2 38	4 42	1 54	21 59	1 5	15 31	1 45	6 30	0 45	21 55	0 53	26 56	17 8	22 46	22 50	8 12		n.a.
F 8	21 28	18 27	3 24	21 5	0 47	5 50	2 38	4 26	1 54	22 0	1 6	15 29	1 45	6 30	0 45	21 55	0 53	26 57	17 8	22 46	22 49	8 14		n.a.
S 9	21 38	14 49	4 14	21 41	0 56	6 14	2 38	4 10	1 55	22 0	1 6	15 28	1 44	6 30	0 45	21 55	0 53	26 57	17 9	22 46	22 49	8 17		n.a.
S 10	21 48	10 22	4 52	22 15	1 5	6 39	2 38	3 54	1 55	22 1	1 6	15 27	1 44	6 29	0 45	21 55	0 53	26 57	17 9	22 46	22 49	8 19		n.a.
M11	21 58	5 18	5 13	22 47	1 12	7 3	2 37	3 37	1 55	22 2	1 6	15 26	1 44	6 29	0 45	21 54	0 53	26 58	17 9	22 46	22 48	8 21		n.a.
T 12	22 7	0n 7	5 16	23 16	1 19	7 28	2 36	3 21	1 55	22 3	1 7	15 25	1 44	6 29	0 45	21 54	0 53	26 58	17 10	22 46	22 48	8 23		n.a.
W13	22 16	5 36	4 59	23 42	1 26	7 53	2 36	3 5	1 55	22 4	1 7	15 24	1 44	6 29	0 45	21 54	0 53	26 58	17 10	22 46	22 47	8 26		n.a.
T 14	22 24	10 51	4 24	24 6	1 31	8 17	2 35	2 50	1 55	22 4	1 7	15 23	1 44	6 29	0 45	21 54	0 53	26 59	17 11	22 46	22 47	8 28		n.a.
F 15	22 33	15 31	3 31	24 27	1 36	8 42	2 34	2 34	1 55	22 5	1 8	15 23	1 44	6 28	0 45	21 54	0 53	26 59	17 11	22 46	22 47	8 30		n.a.
S 16	22 40	19 15	2 25	24 46	1 40	9 6	2 33	2 18	1 56	22 6	1 8	15 22	1 43	6 28	0 45	21 54	0 53	26 59	17 11	22 46	22 46	8 33		n.a.
S 17	22 48	21 45	1 9	25 1	1 44	9 31	2 32	2 2	1 56	22 7	1 8	15 21	1 43	6 28	0 44	21 53	0 52	27 0	17 12	22 46	22 46	8 35		n.a.
M18	22 55	22 49	0s 9	25 14	1 47	9 55	2 31	1 46	1 56	22 8	1 9	15 20	1 43	6 28	0 44	21 53	0 52	27 0	17 12	22 46	22 45	8 37		n.a.
T 19	23 1	22 24	1 26	25 25	1 49	10 19	2 29	1 30	1 56	22 10	1 9	15 19	1 43	6 27	0 44	21 53	0 52	27 1	17 12	22 46	22 45	8 40		n.a.
W20	23 7	20 38	2 36	25 32	1 50	10 43	2 28	1 15	1 56	22 11	1 9	15 18	1 43	6 27	0 44	21 53	0 52	27 1	17 13	22 46	22 45	8 42		n.a.
T 21	23 13	17 47	3 35	25 38	1 51	11 7	2 26	0 59	1 56	22 12	1 9	15 17	1 43	6 26	0 44	21 53	0 52	27 1	17 13	22 46	22 44	8 44		n.a.
F 22	23 18	14 7	4 22	25 40	1 51	11 31	2 25	0 44	1 56	22 13	1 10	15 16	1 42	6 26	0 44	21 52	0 52	27 2	17 13	22 46	22 44	8 47		n.a.
S 23	23 23	9 55	4 54	25 41	1 51	11 55	2 23	0 28	1 56	22 14	1 10	15 16	1 42	6 26	0 44	21 52	0 52	27 2	17 14	22 46	22 43	8 49		n.a.
S 24	23 28	5 24	5 13	25 39	1 50	12 18	2 21	0 13	1 56	22 15	1 10	15 15	1 42	6 25	0 44	21 52	0 52	27 3	17 14	22 45	22 43	8 51		n.a.
M25	23 32	0 46	5 16	25 34	1 48	12 42	2 20	0n 3	1 56	22 17	1 11	15 14	1 42	6 25	0 44	21 52	0 52	27 3	17 15	22 45	22 43	8 53		n.a.
T 26	23 35	3s50	5 6	25 28	1 46	13 5	2 18	0 18	1 56	22 18	1 11	15 13	1 42	6 24	0 44	21 52	0 52	27 3	17 15	22 45	22 42	8 56		n.a.
W27	23 39	8 17	4 43	25 20	1 44	13 28	2 16	0 33	1 56	22 19	1 11	15 13	1 42	6 24	0 44	21 51	0 52	27 4	17 15	22 45	22 42	8 58		n.a.
T 28	23 41	12 25	4 8	25 10	1 40	13 51	2 14	0 49	1 56	22 20	1 11	15 12	1 41	6 23	0 44	21 51	0 52	27 4	17 16	22 46	22 41	9 0		n.a.
F 29	23 44	16 6	3 22	24 58	1 37	14 13	2 12	1 4	1 56	22 22	1 12	15 11	1 41	6 23	0 44	21 51	0 52	27 5	17 16	22 46	22 41	9 3		n.a.
S 30	23n46	19s 9	2s27	24n44	1n33	14n35	2s 9	1n19	1s56	22s23	1s12	15s11	1n41	6n22	0n44	21s51	0n52	27s 5	17s16	22s46	22s41	9s 5		n.a.

Julian Day Number = 1307015.5, Delta T = 07h45m05s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'13, Lahiri = -19°37'12 Julian Calendar 1 June 1135 BCE == Greg. Calendar 21 May 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

JULY 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 39	26♊54'27	28♏ 1	14♋30	16♉19	8♈16	26°R20	15°R35	15♍48	12°R51	1°R33	13♐18	12♐33	12♎31	n.a.	S 1
M 2	17 56 36	27°51'56	10♐32	16°10	17°27	8°54	26♑14	15♏32	15°49	12♐50	1♓33	13°R18	12°30	12°38	n.a.	M 2
T 3	18 0 32	28°49'27	23°19	17°50	18°35	9°31	26° 8	15°30	15°51	12°48	1°32	13°18	12°26	12°45	n.a.	T 3
W 4	18 4 29	29°46'59	6♑22	19°27	19°44	10° 7	26° 1	15°27	15°52	12°47	1°32	13°17	12°23	12°51	n.a.	W 4
T 5	18 8 26	0♋44'32	19°41	21° 3	20°52	10°44	25°55	15°25	15°54	12°45	1°31	13°15	12°20	12°58	n.a.	T 5
F 6	18 12 22	1°42'07	3♒15	22°38	22° 1	11°20	25°48	15°22	15°56	12°44	1°31	13°13	12°17	13° 5	n.a.	F 6
S 7	18 16 19	2°39'43	17° 2	24°11	23°10	11°57	25°42	15°20	15°57	12°42	1°30	13°10	12°14	13°12	n.a.	S 7
S 8	18 20 15	3°37'21	0♓58	25°42	24°19	12°33	25°35	15°18	15°59	12°41	1°30	13° 8	12°10	13°18	n.a.	S 8
M 9	18 24 12	4°35'01	15° 3	27°12	25°28	13° 9	25°28	15°16	16° 1	12°39	1°29	13° 6	12° 7	13°25	n.a.	M 9
T 10	18 28 8	5°32'42	29°13	28°40	26°37	13°45	25°21	15°14	16° 2	12°38	1°29	13°D 5	12° 4	13°32	n.a.	T 10
W11	18 32 5	6°30'26	13♈25	0♌ 7	27°47	14°20	25°14	15°12	16° 4	12°36	1°28	13° 5	12° 1	13°38	n.a.	W11
T 12	18 36 1	7°28'11	27°38	1°32	28°56	14°56	25° 7	15°10	16° 6	12°35	1°28	13° 6	11°58	13°45	n.a.	T 12
F 13	18 39 58	8°25'58	11♉50	2°55	0♊ 6	15°31	25° 0	15° 8	16° 8	12°33	1°27	13° 7	11°55	13°52	n.a.	F 13
S 14	18 43 55	9°23'47	25°57	4°17	1°16	16° 6	24°53	15° 6	16°10	12°32	1°26	13° 9	11°51	13°58	n.a.	S 14
S 15	18 47 51	10°21'37	9♊58	5°37	2°25	16°40	24°45	15° 5	16°12	12°30	1°26	13°R 9	11°48	14° 5	n.a.	S 15
M16	18 51 48	11°19'30	23°50	6°56	3°35	17°15	24°38	15° 3	16°14	12°29	1°25	13° 9	11°45	14°12	n.a.	M16
T 17	18 55 44	12°17'24	7♋30	8°12	4°45	17°49	24°30	15° 2	16°16	12°28	1°24	13° 7	11°42	14°19	n.a.	T 17
W18	18 59 41	13°15'20	20°55	9°27	5°56	18°23	24°22	15° 1	16°19	12°26	1°24	13° 4	11°39	14°25	n.a.	W18
T 19	19 3 37	14°13'18	4♌ 3	10°40	7° 6	18°57	24°15	14°59	16°21	12°25	1°23	13° 0	11°36	14°32	n.a.	T 19
F 20	19 7 34	15°11'17	16°55	11°51	8°16	19°31	24° 7	14°58	16°23	12°24	1°22	12°54	11°32	14°39	n.a.	F 20
S 21	19 11 31	16° 9'18	29°29	13° 0	9°27	20° 4	23°59	14°57	16°25	12°22	1°21	12°49	11°29	14°45	n.a.	S 21
S 22	19 15 27	17° 7'20	11♍48	14° 6	10°37	20°38	23°52	14°56	16°28	12°21	1°21	12°44	11°26	14°52	n.a.	S 22
M23	19 19 24	18° 5'24	23°54	15°10	11°48	21°11	23°44	14°55	16°30	12°20	1°20	12°40	11°23	14°59	n.a.	M23
T 24	19 23 20	19° 3'30	5♎51	16°12	12°59	21°43	23°36	14°55	16°32	12°19	1°19	12°37	11°20	15° 5	n.a.	T 24
W25	19 27 17	20° 1'37	17°43	17°12	14°10	22°16	23°28	14°54	16°35	12°18	1°18	12°D36	11°16	15°12	n.a.	W25
T 26	19 31 13	20°59'46	29°36	18° 8	15°20	22°48	23°20	14°53	16°37	12°16	1°17	12°37	11°13	15°19	n.a.	T 26
F 27	19 35 10	21°57'56	11♏32	19° 2	16°32	23°20	23°12	14°53	16°40	12°15	1°17	12°38	11°10	15°26	n.a.	F 27
S 28	19 39 6	22°56'08	23°39	19°53	17°43	23°52	23° 4	14°53	16°42	12°14	1°16	12°40	11° 7	15°32	n.a.	S 28
S 29	19 43 3	23°54'22	6♐ 0	20°41	18°54	24°23	22°56	14°52	16°45	12°13	1°15	12°41	11° 4	15°39	n.a.	S 29
M30	19 46 59	24°52'37	18°40	21°25	20° 5	24°54	22°48	14°52	16°48	12°12	1°14	12°R41	11° 1	15°46	n.a.	M30
T 31	19 50 56	25♋50'55	1♑40	22♌ 5	21♊17	25♈25	22♑40	14°D52	16♍50	12♐11	1♓13	12♐39	10♐57	15♎52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	21s24	1s24	24n29	1n28	14n57	2s 7	1n34	1s56	22s25	1s12	15s10	1n41	6n22	0n44	21s51	0n52	27s 6	17s17	22s46	22s40	9s 7		n.a.
M 2	23 49	22 39	0 15	24 13	1 23	15 19	2 5	1 49	1 56	22 26	1 12	15 9	1 41	6 21	0 44	21 51	0 52	27 6	17 17	22 46	22 40	9 9		n.a.
T 3	23 49	22 44	0n55	23 55	1 18	15 41	2 2	2 3	1 56	22 27	1 13	15 9	1 40	6 20	0 44	21 50	0 52	27 7	17 17	22 46	22 39	9 12		n.a.
W 4	23 50	21 37	2 4	23 35	1 12	16 2	2 0	2 18	1 56	22 29	1 13	15 8	1 40	6 20	0 44	21 50	0 52	27 7	17 18	22 46	22 39	9 14		n.a.
T 5	23 50	19 16	3 7	23 15	1 6	16 23	1 58	2 33	1 56	22 30	1 13	15 8	1 40	6 19	0 44	21 50	0 52	27 8	17 18	22 46	22 38	9 16		n.a.
F 6	23 49	15 50	4 2	22 53	1 0	16 43	1 55	2 47	1 56	22 32	1 13	15 7	1 40	6 18	0 44	21 50	0 52	27 8	17 18	22 45	22 38	9 18		n.a.
S 7	23 48	11 30	4 43	22 30	0 53	17 3	1 52	3 2	1 55	22 33	1 14	15 7	1 40	6 18	0 44	21 50	0 52	27 8	17 19	22 45	22 38	9 21		n.a.
S 8	23 47	6 31	5 8	22 6	0 46	17 23	1 50	3 16	1 55	22 35	1 14	15 6	1 39	6 17	0 44	21 49	0 52	27 9	17 19	22 45	22 37	9 23		n.a.
M 9	23 45	1 10	5 14	21 42	0 39	17 43	1 47	3 31	1 55	22 36	1 14	15 6	1 39	6 16	0 44	21 49	0 52	27 9	17 19	22 44	22 37	9 25		n.a.
T 10	23 43	4n17	5 2	21 17	0 32	18 2	1 44	3 45	1 55	22 38	1 14	15 5	1 39	6 16	0 44	21 49	0 52	27 10	17 20	22 44	22 36	9 27		n.a.
W11	23 40	9 32	4 32	20 51	0 24	18 20	1 41	3 59	1 55	22 39	1 15	15 5	1 39	6 15	0 43	21 49	0 52	27 10	17 20	22 44	22 36	9 30		n.a.
T 12	23 37	14 17	3 45	20 24	0 16	18 39	1 39	4 13	1 55	22 41	1 15	15 5	1 39	6 14	0 43	21 49	0 52	27 11	17 20	22 44	22 35	9 32		n.a.
F 13	23 33	18 13	2 44	19 57	0 7	18 57	1 36	4 27	1 55	22 42	1 15	15 4	1 38	6 13	0 43	21 49	0 52	27 12	17 21	22 45	22 35	9 34		n.a.
S 14	23 29	21 4	1 33	19 29	0s 1	19 14	1 33	4 41	1 54	22 44	1 15	15 4	1 38	6 12	0 43	21 48	0 52	27 12	17 21	22 45	22 35	9 36		n.a.
S 15	23 25	22 36	0 17	19 1	0 10	19 31	1 30	4 54	1 54	22 45	1 15	15 4	1 38	6 12	0 43	21 48	0 52	27 13	17 21	22 45	22 34	9 38		n.a.
M16	23 20	22 43	0s58	18 32	0 19	19 48	1 27	5 8	1 54	22 47	1 16	15 4	1 38	6 11	0 43	21 48	0 52	27 13	17 21	22 45	22 34	9 41		n.a.
T 17	23 15	21 28	2 9	18 4	0 28	20 4	1 24	5 21	1 54	22 49	1 16	15 3	1 38	6 10	0 43	21 48	0 52	27 14	17 22	22 45	22 33	9 43		n.a.
W18	23 9	19 1	3 12	17 35	0 37	20 19	1 21	5 35	1 53	22 50	1 16	15 3	1 37	6 9	0 43	21 48	0 52	27 14	17 22	22 44	22 33	9 45		n.a.
T 19	23 3	15 37	4 3	17 6	0 47	20 34	1 18	5 48	1 53	22 52	1 16	15 3	1 37	6 8	0 43	21 48	0 52	27 15	17 22	22 44	22 32	9 47		n.a.
F 20	22 57	11 34	4 40	16 37	0 56	20 49	1 15	6 1	1 53	22 53	1 16	15 3	1 37	6 7	0 43	21 48	0 52	27 15	17 23	22 43	22 32	9 50		n.a.
S 21	22 50	7 7	5 3	16 8	1 6	21 3	1 11	6 14	1 53	22 55	1 16	15 3	1 37	6 6	0 43	21 47	0 52	27 16	17 23	22 42	22 32	9 52		n.a.
S 22	22 43	2 28	5 11	15 40	1 15	21 17	1 8	6 27	1 52	22 56	1 17	15 3	1 37	6 5	0 43	21 47	0 52	27 16	17 23	22 42	22 31	9 54		n.a.
M23	22 35	2s12	5 5	15 11	1 25	21 30	1 5	6 40	1 52	22 58	1 17	15 3	1 36	6 4	0 43	21 47	0 52	27 17	17 23	22 41	22 31	9 56		n.a.
T 24	22 27	6 44	4 46	14 43	1 35	21 42	1 2	6 52	1 52	22 59	1 17	15 3	1 36	6 3	0 43	21 47	0 52	27 17	17 24	22 41	22 30	9 58		n.a.
W25	22 18	10 59	4 15	14 16	1 45	21 54	0 59	7 5	1 52	23 1	1 17	15 3	1 36	6 2	0 43	21 47	0 52	27 18	17 24	22 41	22 30	10 1		n.a.
T 26	22 10	14 49	3 33	13 49	1 55	22 5	0 56	7 17	1 51	23 2	1 17	15 3	1 36	6 1	0 43	21 47	0 52	27 18	17 24	22 41	22 29	10 3		n.a.
F 27	22 0	18 5	2 41	13 23	2 5	22 16	0 52	7 30	1 51	23 4	1 17	15 3	1 35	6 0	0 43	21 47	0 52	27 19	17 24	22 41	22 29	10 5		n.a.
S 28	21 51	20 38	1 42	12 57	2 15	22 26	0 49	7 42	1 50	23 5	1 17	15 3	1 35	5 59	0 43	21 47	0 52	27 20	17 25	22 41	22 28	10 7		n.a.
S 29	21 41	22 15	0 36	12 33	2 25	22 36	0 46	7 54	1 50	23 7	1 17	15 3	1 35	5 58	0 43	21 46	0 52	27 20	17 25	22 41	22 28	10 9		n.a.
M30	21 30	22 48	0n32	12 10	2 34	22 45	0 43	8 6	1 50	23 8	1 18	15 3	1 35	5 57	0 43	21 46	0 51	27 21	17 25	22 41	22 28	10 11		n.a.
T 31	21n19	22s 8	1n41	11n48	2s44	22n53	0s39	8n18	1s49	23s10	1s18	15s 3	1n35	5n56	0n43	21s46	0n51	27s21	17s25	22s41	22s27	10s14		n.a.

Julian Day Number = 1307045.5, Delta T = 07h45m03s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'08, Lahiri = -19°37'08 Julian Calendar 1 July 1135 BCE == Greg. Calendar 20 June 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

AUGUST 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 54 53	26♋49'14	15♉ 2	22♌42	22♊28	25♈56	22°R32	14♏52	16♍53	12°R10	1°R12	12°R36	10♐54	15♎59	n.a.	W 1
T 2	19 58 49	27°47'35	28°44	23°14	23°40	26°26	22♉25	14°52	16°56	12♐ 9	1♓11	12♐30	10°51	16° 6	n.a.	T 2
F 3	20 2 46	28°45'57	12♒45	23°42	24°51	26°56	22°17	14°52	16°59	12° 8	1°10	12°23	10°48	16°12	n.a.	F 3
S 4	20 6 42	29°44'22	27° 0	24° 5	26° 3	27°26	22° 9	14°53	17° 2	12° 7	1° 9	12°16	10°45	16°19	n.a.	S 4
S 5	20 10 39	0♌42'49	11♓23	24°22	27°15	27°56	22° 1	14°53	17° 4	12° 6	1° 8	12° 8	10°41	16°26	n.a.	S 5
M 6	20 14 35	1°41'19	25°48	24°35	28°27	28°25	21°53	14°54	17° 7	12° 5	1° 7	12° 2	10°38	16°33	n.a.	M 6
T 7	20 18 32	2°39'50	10♈11	24°41	29°39	28°54	21°46	14°54	17°10	12° 4	1° 6	11°58	10°35	16°39	n.a.	T 7
W 8	20 22 28	3°38'24	24°28	24°R42	0♋51	29°22	21°38	14°55	17°13	12° 3	1° 5	11°56	10°32	16°46	n.a.	W 8
T 9	20 26 25	4°37'01	8♉36	24°36	2° 3	29°51	21°31	14°56	17°16	12° 2	1° 4	11°D56	10°29	16°53	n.a.	T 9
F 10	20 30 22	5°35'39	22°33	24°23	3°16	0♉18	21°23	14°56	17°19	12° 1	1° 3	11°57	10°26	16°59	n.a.	F 10
S 11	20 34 18	6°34'21	6♊21	24° 3	4°28	0°46	21°16	14°57	17°22	12° 1	1° 2	11°R57	10°22	17° 6	n.a.	S 11
S 12	20 38 15	7°33'04	19°58	23°37	5°41	1°13	21° 8	14°59	17°25	12° 0	1° 1	11°57	10°19	17°13	n.a.	S 12
M13	20 42 11	8°31'50	3♋24	23° 3	6°53	1°40	21° 1	15° 0	17°29	11°59	1° 0	11°55	10°16	17°19	n.a.	M13
T 14	20 46 8	9°30'39	16°39	22°23	8° 6	2° 7	20°54	15° 1	17°32	11°59	0°59	11°51	10°13	17°26	n.a.	T 14
W15	20 50 4	10°29'29	29°44	21°36	9°18	2°33	20°47	15° 2	17°35	11°58	0°58	11°43	10°10	17°33	n.a.	W15
T 16	20 54 1	11°28'22	12♌35	20°43	10°31	2°58	20°40	15° 4	17°38	11°57	0°57	11°34	10° 7	17°40	n.a.	T 16
F 17	20 57 57	12°27'16	25°14	19°45	11°44	3°24	20°33	15° 5	17°41	11°57	0°56	11°23	10° 3	17°46	n.a.	F 17
S 18	21 1 54	13°26'13	7♍40	18°43	12°57	3°49	20°26	15° 7	17°45	11°56	0°55	11°11	10° 0	17°53	n.a.	S 18
S 19	21 5 50	14°25'12	19°53	17°37	14°10	4°13	20°20	15° 9	17°48	11°56	0°53	11° 0	9°57	18° 0	n.a.	S 19
M20	21 9 47	15°24'13	1♎56	16°30	15°23	4°37	20°13	15°11	17°51	11°55	0°52	10°51	9°54	18° 6	n.a.	M20
T 21	21 13 44	16°23'16	13°51	15°24	16°36	5° 1	20° 7	15°13	17°55	11°55	0°51	10°44	9°51	18°13	n.a.	T 21
W22	21 17 40	17°22'20	25°41	14°19	17°49	5°24	20° 1	15°15	17°58	11°54	0°50	10°39	9°47	18°20	n.a.	W22
T 23	21 21 37	18°21'27	7♏30	13°18	19° 3	5°47	19°55	15°17	18° 1	11°54	0°49	10°37	9°44	18°26	n.a.	T 23
F 24	21 25 33	19°20'36	19°25	12°22	20°16	6° 9	19°49	15°19	18° 5	11°53	0°48	10°D36	9°41	18°33	n.a.	F 24
S 25	21 29 30	20°19'46	1♐29	11°33	21°29	6°31	19°43	15°21	18° 8	11°53	0°47	10°36	9°38	18°40	n.a.	S 25
S 26	21 33 26	21°18'59	13°49	10°52	22°43	6°53	19°37	15°24	18°12	11°53	0°45	10°R36	9°35	18°46	n.a.	S 26
M27	21 37 23	22°18'13	26°30	10°20	23°56	7°14	19°32	15°26	18°15	11°52	0°44	10°35	9°32	18°53	n.a.	M27
T 28	21 41 19	23°17'30	9♑35	9°58	25°10	7°34	19°26	15°29	18°19	11°52	0°43	10°32	9°28	19° 0	n.a.	T 28
W29	21 45 16	24°16'48	23° 6	9°46	26°24	7°54	19°21	15°31	18°22	11°52	0°42	10°26	9°25	19° 7	n.a.	W29
T 30	21 49 13	25°16'09	7♒ 4	9°D45	27°37	8°14	19°16	15°34	18°26	11°52	0°41	10°18	9°22	19°13	n.a.	T 30
F 31	21 53 9	26♌15'31	21♒26	9♌55	28♋51	8♉33	19♑11	15♏37	18♍29	11♐51	0♓40	10♐ 8	9♐19	19♎20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21n 8	20s13	2n46	11n27	2s53	23n 1	0s36	8n29	1s49	23s11	1s18	15s 3	1n34	5n55	0n43	21s46	0n51	27s22	17s26	22s41	22s27	10s16			n.a.
T 2	20 56	17 7	3 43	11 8	3 2	23 8	0 33	8 41	1 48	23 13	1 18	15 4	1 34	5 54	0 43	21 46	0 51	27 22	17 26	22 40	22 26	10 18			n.a.
F 3	20 44	12 59	4 27	10 50	3 11	23 14	0 30	8 52	1 48	23 14	1 18	15 4	1 34	5 53	0 43	21 46	0 51	27 23	17 26	22 39	22 26	10 20			n.a.
S 4	20 32	8 4	4 56	10 35	3 20	23 20	0 27	9 4	1 48	23 15	1 18	15 4	1 34	5 51	0 43	21 46	0 51	27 23	17 26	22 38	22 25	10 22			n.a.
S 5	20 19	2 41	5 7	10 21	3 28	23 25	0 23	9 15	1 47	23 17	1 18	15 5	1 33	5 50	0 43	21 46	0 51	27 24	17 26	22 37	22 25	10 24			n.a.
M 6	20 6	2n51	4 58	10 10	3 35	23 29	0 20	9 26	1 47	23 18	1 18	15 5	1 33	5 49	0 43	21 46	0 51	27 25	17 27	22 36	22 24	10 27			n.a.
T 7	19 53	8 14	4 31	10 1	3 42	23 33	0 17	9 36	1 46	23 19	1 18	15 5	1 33	5 48	0 43	21 46	0 51	27 25	17 27	22 36	22 24	10 29			n.a.
W 8	19 39	13 8	3 47	9 56	3 48	23 36	0 14	9 47	1 46	23 21	1 18	15 6	1 33	5 47	0 42	21 45	0 51	27 26	17 27	22 35	22 23	10 31			n.a.
T 9	19 25	17 16	2 49	9 53	3 53	23 38	0 11	9 58	1 45	23 22	1 18	15 6	1 33	5 45	0 42	21 45	0 51	27 26	17 27	22 35	22 23	10 33			n.a.
F 10	19 11	20 21	1 42	9 53	3 57	23 40	0 7	10 8	1 44	23 23	1 18	15 7	1 32	5 44	0 42	21 45	0 51	27 27	17 27	22 35	22 22	10 35			n.a.
S 11	18 56	22 13	0 30	9 57	4 0	23 41	0 4	10 18	1 44	23 25	1 18	15 7	1 32	5 43	0 42	21 45	0 51	27 27	17 27	22 35	22 22	10 37			n.a.
S 12	18 41	22 44	0s43	10 4	4 2	23 41	0 1	10 29	1 43	23 26	1 19	15 8	1 32	5 42	0 42	21 45	0 51	27 28	17 28	22 35	22 22	10 39			n.a.
M13	18 25	21 55	1 52	10 15	4 2	23 41	0n 2	10 39	1 43	23 27	1 19	15 8	1 32	5 40	0 42	21 45	0 51	27 28	17 28	22 35	22 21	10 42			n.a.
T 14	18 10	19 53	2 54	10 30	4 0	23 39	0 5	10 48	1 42	23 28	1 19	15 9	1 32	5 39	0 42	21 45	0 51	27 29	17 28	22 34	22 21	10 44			n.a.
W15	17 54	16 51	3 46	10 48	3 57	23 38	0 8	10 58	1 41	23 29	1 19	15 9	1 31	5 38	0 42	21 45	0 51	27 29	17 28	22 34	22 20	10 46			n.a.
T 16	17 37	13 3	4 26	11 10	3 52	23 35	0 11	11 7	1 41	23 30	1 19	15 10	1 31	5 37	0 42	21 45	0 51	27 30	17 28	22 32	22 20	10 48			n.a.
F 17	17 21	8 45	4 51	11 35	3 45	23 32	0 14	11 17	1 40	23 31	1 19	15 11	1 31	5 35	0 42	21 45	0 51	27 31	17 28	22 31	22 19	10 50			n.a.
S 18	17 4	4 9	5 3	12 3	3 36	23 28	0 17	11 26	1 39	23 32	1 19	15 11	1 31	5 34	0 42	21 45	0 51	27 31	17 28	22 29	22 19	10 52			n.a.
S 19	16 46	0s31	5 0	12 34	3 24	23 23	0 20	11 35	1 39	23 33	1 19	15 12	1 30	5 33	0 42	21 45	0 51	27 32	17 29	22 28	22 18	10 54			n.a.
M20	16 29	5 6	4 43	13 7	3 11	23 18	0 22	11 44	1 38	23 34	1 19	15 13	1 30	5 31	0 42	21 45	0 51	27 32	17 29	22 26	22 18	10 56			n.a.
T 21	16 11	9 27	4 15	13 41	2 56	23 12	0 25	11 53	1 37	23 35	1 19	15 14	1 30	5 30	0 42	21 45	0 51	27 33	17 29	22 25	22 17	10 59			n.a.
W22	15 53	13 25	3 35	14 15	2 40	23 5	0 28	12 1	1 37	23 36	1 19	15 15	1 30	5 29	0 42	21 45	0 51	27 33	17 29	22 24	22 17	11 1			n.a.
T 23	15 34	16 51	2 47	14 50	2 22	22 57	0 31	12 10	1 36	23 37	1 18	15 15	1 30	5 27	0 42	21 45	0 51	27 34	17 29	22 24	22 16	11 3			n.a.
F 24	15 16	19 38	1 50	15 24	2 3	22 49	0 33	12 18	1 35	23 38	1 18	15 16	1 29	5 26	0 42	21 45	0 51	27 34	17 29	22 24	22 16	11 5			n.a.
S 25	14 57	21 35	0 48	15 57	1 43	22 40	0 36	12 26	1 34	23 39	1 18	15 17	1 29	5 24	0 42	21 45	0 51	27 35	17 29	22 24	22 15	11 7			n.a.
S 26	14 38	22 33	0n17	16 27	1 23	22 31	0 39	12 34	1 33	23 40	1 18	15 18	1 29	5 23	0 42	21 45	0 51	27 35	17 29	22 24	22 15	11 9			n.a.
M27	14 18	22 24	1 23	16 55	1 4	22 21	0 41	12 42	1 32	23 40	1 18	15 19	1 29	5 22	0 42	21 45	0 50	27 36	17 29	22 24	22 14	11 11			n.a.
T 28	13 58	21 2	2 27	17 20	0 44	22 10	0 44	12 49	1 32	23 41	1 18	15 20	1 29	5 20	0 42	21 45	0 50	27 36	17 29	22 23	22 14	11 13			n.a.
W29	13 39	18 27	3 25	17 41	0 25	21 58	0 46	12 57	1 31	23 42	1 18	15 21	1 28	5 19	0 42	21 45	0 50	27 37	17 29	22 23	22 13	11 15			n.a.
T 30	13 18	14 44	4 12	17 59	0 7	21 46	0 48	13 4	1 30	23 42	1 18	15 22	1 28	5 17	0 42	21 45	0 50	27 37	17 29	22 21	22 13	11 17			n.a.
F 31	12n58	10s 5	4n45	18n13	0n10	21n33	0n51	13n11	1s29	23s43	1s18	15s23	1n28	5n16	0n42	21s45	0n50	27s38	17s29	22s20	22s12	11s19			n.a.

Julian Day Number = 1307076.5, Delta T = 07h45m02s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'04, Lahiri = -19°37'04 Julian Calendar 1 Aug. 1135 BCE == Greg. Calendar 21 July 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

SEPTEMBER 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 6	27♌14'55	6♓ 6	10♌15	0♌ 5	8♉51	19°R 7	15♏40	18♍33	11°R51	0°R38	9°R56	9♐16	19♎27	n.a.	S 1
S 2	22 1 2	28°14'22	20°57	10°45	1°19	9° 9	19♑ 2	15°43	18°37	11♐51	0♓37	9♐45	9°13	19°33	n.a.	S 2
M 3	22 4 59	29°13'51	5♈48	11°25	2°33	9°27	18°58	15°46	18°40	11°51	0°36	9°36	9° 9	19°40	n.a.	M 3
T 4	22 8 55	0♍13'22	20°33	12°13	3°47	9°44	18°53	15°49	18°44	11°D51	0°35	9°29	9° 6	19°47	n.a.	T 4
W 5	22 12 52	1°12'56	5♉ 5	13° 9	5° 1	10° 0	18°49	15°53	18°47	11°51	0°34	9°24	9° 3	19°53	n.a.	W 5
T 6	22 16 48	2°12'33	19°20	14°12	6°15	10°16	18°46	15°56	18°51	11°51	0°33	9°22	9° 0	20° 0	n.a.	T 6
F 7	22 20 45	3°12'12	3♊16	15°21	7°29	10°31	18°42	15°59	18°55	11°51	0°31	9°22	8°57	20° 7	n.a.	F 7
S 8	22 24 41	4°11'53	16°55	16°36	8°44	10°45	18°39	16° 3	18°59	11°51	0°30	9°22	8°53	20°13	n.a.	S 8
S 9	22 28 38	5°11'37	0♋17	17°56	9°58	10°59	18°35	16° 7	19° 2	11°52	0°29	9°21	8°50	20°20	n.a.	S 9
M10	22 32 35	6°11'23	13°25	19°20	11°12	11°12	18°32	16°10	19° 6	11°52	0°28	9°18	8°47	20°27	n.a.	M10
T 11	22 36 31	7°11'11	26°20	20°47	12°27	11°25	18°29	16°14	19°10	11°52	0°27	9°11	8°44	20°34	n.a.	T 11
W12	22 40 28	8°11'02	9♌ 4	22°18	13°41	11°37	18°27	16°18	19°13	11°52	0°26	9° 2	8°41	20°40	n.a.	W12
T 13	22 44 24	9°10'55	21°37	23°51	14°56	11°48	18°24	16°22	19°17	11°52	0°24	8°50	8°38	20°47	n.a.	T 13
F 14	22 48 21	10°10'50	4♍ 1	25°26	16°10	11°58	18°22	16°26	19°21	11°53	0°23	8°36	8°34	20°54	n.a.	F 14
S 15	22 52 17	11°10'47	16°15	27° 2	17°25	12° 8	18°20	16°30	19°25	11°53	0°22	8°22	8°31	21° 0	n.a.	S 15
S 16	22 56 14	12°10'46	28°20	28°40	18°39	12°17	18°18	16°34	19°28	11°53	0°21	8° 8	8°28	21° 7	n.a.	S 16
M17	23 0 10	13°10'48	10♎18	0♍19	19°54	12°26	18°16	16°39	19°32	11°54	0°20	7°55	8°25	21°14	n.a.	M17
T 18	23 4 7	14°10'51	22° 9	1°58	21° 9	12°33	18°15	16°43	19°36	11°54	0°19	7°45	8°22	21°20	n.a.	T 18
W19	23 8 3	15°10'56	3♏57	3°38	22°24	12°40	18°13	16°47	19°40	11°55	0°18	7°38	8°18	21°27	n.a.	W19
T 20	23 12 0	16°11'03	15°44	5°18	23°38	12°47	18°12	16°52	19°43	11°55	0°16	7°34	8°15	21°34	n.a.	T 20
F 21	23 15 57	17°11'11	27°37	6°59	24°53	12°52	18°11	16°56	19°47	11°56	0°15	7°32	8°12	21°40	n.a.	F 21
S 22	23 19 53	18°11'22	9♐38	8°39	26° 8	12°56	18°11	17° 1	19°51	11°56	0°14	7°D32	8° 9	21°47	n.a.	S 22
S 23	23 23 50	19°11'34	21°54	10°20	27°23	13° 0	18°10	17° 6	19°55	11°57	0°13	7°R32	8° 6	21°54	n.a.	S 23
M24	23 27 46	20°11'48	4♑30	12° 0	28°38	13° 3	18°10	17°10	19°59	11°58	0°12	7°31	8° 3	22° 0	n.a.	M24
T 25	23 31 43	21°12'03	17°31	13°40	29°53	13° 5	18°D10	17°15	20° 2	11°58	0°11	7°29	7°59	22° 7	n.a.	T 25
W26	23 35 39	22°12'20	1♒ 1	15°20	1♍ 8	13° 7	18°10	17°20	20° 6	11°59	0°10	7°24	7°56	22°14	n.a.	W26
T 27	23 39 36	23°12'39	15° 0	17° 0	2°23	13°R 7	18°10	17°25	20°10	12° 0	0° 9	7°16	7°53	22°21	n.a.	T 27
F 28	23 43 32	24°12'59	29°29	18°39	3°38	13° 7	18°11	17°30	20°14	12° 1	0° 8	7° 6	7°50	22°27	n.a.	F 28
S 29	23 47 29	25°13'21	14♓21	20°18	4°53	13° 6	18°12	17°35	20°18	12° 1	0° 7	6°56	7°47	22°34	n.a.	S 29
S 30	23 51 26	26♍13'45	29♓29	21♍56	6♍ 8	13♉ 4	18♑13	17♏40	20♍21	12♐ 2	0♓ 6	6♐45	7♐44	22♎41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n37	4s46	5n 0	18n23	0n26	21n19	0n53	13n18	1s28	23s44	1s18	15s24	1n28	5n14	0n42	21s45	0n50	27s38	17s29	22s18	22s12	11s22		n.a.
S 2	12 17	0n52	4 55	18 29	0 41	21 5	0 55	13 25	1 27	23 44	1 18	15 25	1 27	5 13	0 42	21 45	0 50	27 39	17 29	22 16	22 11	11 24		n.a.
M 3	11 56	6 28	4 30	18 30	0 54	20 50	0 57	13 31	1 26	23 45	1 18	15 26	1 27	5 12	0 42	21 45	0 50	27 39	17 29	22 15	22 11	11 26		n.a.
T 4	11 34	11 39	3 48	18 28	1 6	20 35	0 59	13 38	1 25	23 45	1 18	15 27	1 27	5 10	0 42	21 45	0 50	27 39	17 29	22 14	22 10	11 28		n.a.
W 5	11 13	16 6	2 51	18 22	1 17	20 19	1 1	13 44	1 24	23 46	1 18	15 28	1 27	5 9	0 42	21 45	0 50	27 40	17 29	22 13	22 10	11 30		n.a.
T 6	10 51	19 30	1 44	18 13	1 26	20 2	1 3	13 50	1 23	23 46	1 18	15 30	1 27	5 7	0 42	21 45	0 50	27 40	17 29	22 13	22 9	11 32		n.a.
F 7	10 30	21 41	0 32	18 0	1 35	19 45	1 5	13 56	1 21	23 47	1 18	15 31	1 26	5 6	0 42	21 45	0 50	27 41	17 29	22 13	22 9	11 34		n.a.
S 8	10 8	22 31	0s40	17 43	1 41	19 27	1 7	14 1	1 20	23 47	1 17	15 32	1 26	5 4	0 42	21 45	0 50	27 41	17 29	22 13	22 9	11 36		n.a.
S 9	9 46	22 2	1 48	17 24	1 47	19 9	1 9	14 7	1 19	23 47	1 17	15 33	1 26	5 3	0 42	21 45	0 50	27 42	17 29	22 13	22 8	11 38		n.a.
M10	9 23	20 20	2 49	17 2	1 52	18 50	1 11	14 12	1 18	23 48	1 17	15 35	1 26	5 1	0 42	21 45	0 50	27 42	17 29	22 12	22 8	11 40		n.a.
T 11	9 1	17 37	3 41	16 37	1 55	18 30	1 12	14 17	1 17	23 48	1 17	15 36	1 26	5 0	0 42	21 45	0 50	27 42	17 29	22 11	22 7	11 42		n.a.
W12	8 38	14 6	4 20	16 9	1 58	18 10	1 14	14 22	1 15	23 48	1 17	15 37	1 26	4 58	0 42	21 45	0 50	27 43	17 29	22 10	22 6	11 44		n.a.
T 13	8 15	10 1	4 46	15 39	1 59	17 49	1 16	14 27	1 14	23 49	1 17	15 38	1 25	4 57	0 42	21 45	0 50	27 43	17 29	22 8	22 6	11 46		n.a.
F 14	7 52	5 34	4 59	15 8	2 0	17 28	1 17	14 31	1 13	23 49	1 17	15 40	1 25	4 55	0 42	21 45	0 50	27 44	17 29	22 6	22 5	11 48		n.a.
S 15	7 29	0 58	4 57	14 34	2 0	17 7	1 18	14 36	1 11	23 49	1 17	15 41	1 25	4 54	0 42	21 46	0 50	27 44	17 29	22 3	22 5	11 50		n.a.
S 16	7 6	3s37	4 42	13 59	1 59	16 44	1 20	14 40	1 10	23 49	1 17	15 43	1 25	4 52	0 42	21 46	0 50	27 44	17 29	22 1	22 4	11 52		n.a.
M17	6 43	8 1	4 14	13 23	1 58	16 22	1 21	14 44	1 9	23 49	1 16	15 44	1 25	4 51	0 42	21 46	0 50	27 45	17 29	21 59	22 4	11 54		n.a.
T 18	6 19	12 5	3 35	12 45	1 56	15 59	1 22	14 48	1 7	23 49	1 16	15 45	1 24	4 49	0 42	21 46	0 50	27 45	17 29	21 58	22 3	11 56		n.a.
W19	5 56	15 40	2 48	12 6	1 53	15 35	1 23	14 51	1 6	23 49	1 16	15 47	1 24	4 48	0 42	21 46	0 50	27 45	17 29	21 56	22 3	11 58		n.a.
T 20	5 32	18 37	1 53	11 25	1 50	15 11	1 24	14 55	1 4	23 49	1 16	15 48	1 24	4 46	0 42	21 46	0 50	27 46	17 29	21 56	22 2	12 0		n.a.
F 21	5 8	20 48	0 52	10 45	1 47	14 47	1 25	14 58	1 2	23 49	1 16	15 50	1 24	4 45	0 42	21 46	0 49	27 46	17 29	21 55	22 2	12 2		n.a.
S 22	4 45	22 4	0n11	10 3	1 43	14 22	1 26	15 1	1 1	23 49	1 16	15 51	1 24	4 43	0 42	21 46	0 49	27 46	17 28	21 55	22 1	12 4		n.a.
S 23	4 21	22 19	1 15	9 20	1 39	13 56	1 27	15 3	0 59	23 49	1 16	15 53	1 24	4 42	0 42	21 46	0 49	27 47	17 28	21 55	22 1	12 6		n.a.
M24	3 57	21 27	2 18	8 37	1 34	13 31	1 28	15 6	0 58	23 49	1 16	15 54	1 23	4 40	0 42	21 47	0 49	27 47	17 28	21 55	22 0	12 8		n.a.
T 25	3 33	19 26	3 15	7 54	1 30	13 5	1 29	15 8	0 56	23 49	1 15	15 56	1 23	4 39	0 42	21 47	0 49	27 47	17 28	21 55	22 0	12 10		n.a.
W26	3 8	16 18	4 4	7 10	1 25	12 38	1 29	15 10	0 54	23 49	1 15	15 57	1 23	4 37	0 42	21 47	0 49	27 48	17 28	21 54	21 59	12 12		n.a.
T 27	2 44	12 9	4 40	6 26	1 19	12 11	1 30	15 12	0 52	23 49	1 15	15 59	1 23	4 36	0 42	21 47	0 49	27 48	17 28	21 53	21 59	12 14		n.a.
F 28	2 20	7 10	4 59	5 41	1 14	11 44	1 30	15 14	0 50	23 49	1 15	16 1	1 23	4 34	0 42	21 47	0 49	27 48	17 28	21 51	21 58	12 16		n.a.
S 29	1 56	1 40	4 59	4 57	1 8	11 17	1 31	15 15	0 49	23 48	1 15	16 2	1 23	4 33	0 42	21 47	0 49	27 48	17 27	21 49	21 58	12 18		n.a.
S 30	1n31	4n 2	4n39	4n12	1n 2	10n49	1n31	15n16	0s47	23s48	1s15	16s 4	1n22	4n31	0n42	21s47	0n49	27s49	17s27	21s47	21s57	12s20		n.a.

Julian Day Number = 1307107.5, Delta T = 07h45m00s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°44'00, Lahiri = -19°37'00 Julian Calendar 1 Sept. 1135 BCE == Greg. Calendar 21 Aug. 1135 BCE

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

OCTOBER 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 55 22	27♍14'10	14♈42	23♍35	7♍23	13°R 1	18♉14	17♏46	20♍25	12♐ 3	0°R 5	6°R35	7♐40	22♎47	n.a.	M 1
T 2	23 59 19	28°14'38	29°49	25°12	8°39	12♉58	18°15	17°51	20°29	12° 4	0♓ 4	6♐28	7°37	22°54	n.a.	T 2
W 3	0 3 15	29°15'07	14♉41	26°50	9°54	12°53	18°17	17°56	20°33	12° 5	0° 3	6°24	7°34	23° 1	n.a.	W 3
T 4	0 7 12	0♎15'38	29°13	28°27	11° 9	12°48	18°19	18° 2	20°36	12° 6	0° 2	6°22	7°31	23° 7	n.a.	T 4
F 5	0 11 8	1°16'12	13♊20	0♎ 4	12°24	12°41	18°20	18° 7	20°40	12° 7	0° 1	6°D22	7°28	23°14	n.a.	F 5
S 6	0 15 5	2°16'47	27° 3	1°41	13°40	12°34	18°23	18°13	20°44	12° 8	29♒59	6°R23	7°24	23°21	n.a.	S 6
S 7	0 19 1	3°17'25	10♋24	3°17	14°55	12°26	18°25	18°18	20°48	12° 9	29°59	6°23	7°21	23°27	n.a.	S 7
M 8	0 22 58	4°18'04	23°24	4°53	16°10	12°17	18°28	18°24	20°51	12°10	29°58	6°21	7°18	23°34	n.a.	M 8
T 9	0 26 55	5°18'45	6♌ 8	6°28	17°26	12° 7	18°30	18°30	20°55	12°11	29°57	6°17	7°15	23°41	n.a.	T 9
W10	0 30 51	6°19'28	18°38	8° 4	18°41	11°57	18°33	18°35	20°59	12°12	29°56	6°10	7°12	23°47	n.a.	W10
T 11	0 34 48	7°20'13	0♍57	9°39	19°57	11°45	18°36	18°41	21° 2	12°14	29°55	6° 0	7° 9	23°54	n.a.	T 11
F 12	0 38 44	8°20'59	13° 7	11°13	21°12	11°33	18°40	18°47	21° 6	12°15	29°54	5°49	7° 5	24° 1	n.a.	F 12
S 13	0 42 41	9°21'47	25°10	12°48	22°27	11°20	18°43	18°53	21°10	12°16	29°53	5°38	7° 2	24° 7	n.a.	S 13
S 14	0 46 37	10°22'37	7♎ 7	14°22	23°43	11° 6	18°47	18°59	21°13	12°17	29°52	5°27	6°59	24°14	n.a.	S 14
M15	0 50 34	11°23'28	18°59	15°56	24°58	10°51	18°51	19° 5	21°17	12°19	29°51	5°17	6°56	24°21	n.a.	M15
T 16	0 54 30	12°24'20	0♏48	17°30	26°14	10°35	18°55	19°11	21°21	12°20	29°51	5° 9	6°53	24°27	n.a.	T 16
W17	0 58 27	13°25'14	12°36	19° 4	27°29	10°19	18°59	19°17	21°24	12°21	29°50	5° 4	6°49	24°34	n.a.	W17
T 18	1 2 23	14°26'09	24°25	20°38	28°45	10° 2	19° 4	19°23	21°28	12°23	29°49	5° 1	6°46	24°41	n.a.	T 18
F 19	1 6 20	15°27'05	6♐19	22°11	0♎ 0	9°44	19° 9	19°30	21°31	12°24	29°48	5°D 0	6°43	24°48	n.a.	F 19
S 20	1 10 17	16°28'02	18°21	23°45	1°16	9°26	19°13	19°36	21°35	12°26	29°47	5° 1	6°40	24°54	n.a.	S 20
S 21	1 14 13	17°29'00	0♑36	25°18	2°31	9° 7	19°19	19°42	21°38	12°27	29°47	5° 2	6°37	25° 1	n.a.	S 21
M22	1 18 10	18°29'59	13° 8	26°51	3°47	8°47	19°24	19°48	21°42	12°29	29°46	5°R 3	6°34	25° 8	n.a.	M22
T 23	1 22 6	19°30'59	26° 3	28°24	5° 3	8°27	19°29	19°55	21°45	12°30	29°45	5° 3	6°30	25°14	n.a.	T 23
W24	1 26 3	20°32'00	9♒24	29°57	6°18	8° 6	19°35	20° 1	21°49	12°32	29°45	5° 1	6°27	25°21	n.a.	W24
T 25	1 29 59	21°33'02	23°14	1♏30	7°34	7°45	19°40	20° 8	21°52	12°33	29°44	4°58	6°24	25°28	n.a.	T 25
F 26	1 33 56	22°34'04	7♓33	3° 2	8°49	7°23	19°46	20°14	21°56	12°35	29°43	4°52	6°21	25°34	n.a.	F 26
S 27	1 37 52	23°35'07	22°19	4°35	10° 5	7° 1	19°53	20°21	21°59	12°36	29°43	4°46	6°18	25°41	n.a.	S 27
S 28	1 41 49	24°36'11	7♈25	6° 7	11°20	6°39	19°59	20°27	22° 2	12°38	29°42	4°39	6°15	25°48	n.a.	S 28
M29	1 45 46	25°37'16	22°43	7°39	12°36	6°16	20° 5	20°34	22° 6	12°40	29°41	4°34	6°11	25°54	n.a.	M29
T 30	1 49 42	26°38'22	8♉ 1	9°12	13°52	5°53	20°12	20°40	22° 9	12°41	29°41	4°30	6° 8	26° 1	n.a.	T 30
W31	1 53 39	27♎39'29	23♉ 8	10♏44	15♎ 7	5♉30	20♑19	20♏47	22♍12	12♐43	29♒40	4♐27	6♐ 5	26♎ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n 7	9n32	3n58	3n27	0n56	10n21	1n31	15n17	0s45	23s48	1s15	16s 5	1n22	4n30	0n42	21s48	0n49	27s49	17s27	21s46	21s57	12s22			n.a.
T 2	0 43	14 25	3 1	2 42	0 50	9 52	1 32	15 18	0 43	23 47	1 14	16 7	1 22	4 28	0 42	21 48	0 49	27 49	17 27	21 45	21 56	12 24			n.a.
W 3	0 18	18 18	1 53	1 57	0 44	9 24	1 32	15 19	0 41	23 47	1 14	16 9	1 22	4 27	0 42	21 48	0 49	27 49	17 27	21 44	21 56	12 26			n.a.
T 4	0s 6	20 56	0 38	1 12	0 38	8 55	1 32	15 19	0 39	23 47	1 14	16 10	1 22	4 25	0 42	21 48	0 49	27 49	17 27	21 43	21 55	12 28			n.a.
F 5	0 31	22 9	0s37	0 27	0 31	8 25	1 32	15 19	0 37	23 46	1 14	16 12	1 22	4 24	0 42	21 48	0 49	27 50	17 26	21 43	21 55	12 30			n.a.
S 6	0 55	22 0	1 48	0s18	0 25	7 56	1 32	15 19	0 35	23 46	1 14	16 14	1 21	4 22	0 42	21 48	0 49	27 50	17 26	21 44	21 54	12 32			n.a.
S 7	1 20	20 34	2 51	1 3	0 18	7 26	1 32	15 18	0 32	23 45	1 14	16 16	1 21	4 21	0 42	21 49	0 49	27 50	17 26	21 44	21 54	12 34			n.a.
M 8	1 44	18 6	3 44	1 47	0 12	6 56	1 31	15 18	0 30	23 45	1 13	16 17	1 21	4 19	0 42	21 49	0 49	27 50	17 26	21 43	21 53	12 36			n.a.
T 9	2 9	14 47	4 24	2 32	0 5	6 26	1 31	15 17	0 28	23 44	1 13	16 19	1 21	4 18	0 42	21 49	0 49	27 50	17 26	21 42	21 52	12 38			n.a.
W10	2 33	10 53	4 50	3 16	0s 1	5 56	1 31	15 16	0 26	23 44	1 13	16 21	1 21	4 16	0 42	21 49	0 49	27 50	17 25	21 41	21 52	12 40			n.a.
T 11	2 57	6 36	5 3	4 0	0 8	5 26	1 30	15 14	0 23	23 43	1 13	16 23	1 21	4 15	0 42	21 49	0 49	27 51	17 25	21 40	21 51	12 41			n.a.
F 12	3 22	2 6	5 2	4 43	0 14	4 55	1 30	15 13	0 21	23 42	1 13	16 24	1 21	4 13	0 42	21 50	0 49	27 51	17 25	21 38	21 51	12 43			n.a.
S 13	3 46	2s26	4 47	5 27	0 20	4 24	1 29	15 11	0 19	23 42	1 13	16 26	1 20	4 12	0 42	21 50	0 49	27 51	17 25	21 36	21 50	12 45			n.a.
S 14	4 10	6 50	4 20	6 10	0 27	3 53	1 29	15 9	0 16	23 41	1 13	16 28	1 20	4 10	0 42	21 50	0 49	27 51	17 24	21 34	21 50	12 47			n.a.
M15	4 35	10 57	3 41	6 53	0 33	3 22	1 28	15 6	0 14	23 40	1 12	16 30	1 20	4 9	0 42	21 50	0 49	27 51	17 24	21 32	21 49	12 49			n.a.
T 16	4 59	14 38	2 53	7 35	0 40	2 51	1 27	15 4	0 11	23 40	1 12	16 31	1 20	4 7	0 42	21 50	0 49	27 51	17 24	21 30	21 49	12 51			n.a.
W17	5 23	17 44	1 58	8 17	0 46	2 20	1 26	15 1	0 9	23 39	1 12	16 33	1 20	4 6	0 42	21 51	0 48	27 51	17 24	21 29	21 48	12 53			n.a.
T 18	5 47	20 6	0 57	8 59	0 52	1 48	1 25	14 58	0 6	23 38	1 12	16 35	1 20	4 5	0 42	21 51	0 48	27 51	17 23	21 29	21 48	12 55			n.a.
F 19	6 11	21 36	0n 7	9 40	0 58	1 17	1 24	14 55	0 4	23 37	1 12	16 37	1 20	4 3	0 42	21 51	0 48	27 51	17 23	21 29	21 47	12 57			n.a.
S 20	6 35	22 7	1 12	10 21	1 4	0 46	1 23	14 51	0 1	23 36	1 12	16 39	1 19	4 2	0 42	21 51	0 48	27 51	17 23	21 29	21 47	12 59			n.a.
S 21	6 58	21 36	2 14	11 1	1 10	0 14	1 22	14 47	0n 1	23 36	1 12	16 41	1 19	4 0	0 42	21 51	0 48	27 51	17 22	21 29	21 46	13 1			n.a.
M22	7 22	19 59	3 12	11 41	1 15	0s17	1 21	14 43	0 4	23 35	1 11	16 42	1 19	3 59	0 42	21 52	0 48	27 51	17 22	21 29	21 45	13 2			n.a.
T 23	7 45	17 20	4 1	12 20	1 21	0 49	1 20	14 39	0 7	23 34	1 11	16 44	1 19	3 58	0 42	21 52	0 48	27 51	17 22	21 29	21 45	13 4			n.a.
W24	8 9	13 42	4 40	12 59	1 26	1 20	1 19	14 35	0 9	23 33	1 11	16 46	1 19	3 56	0 42	21 52	0 48	27 51	17 22	21 29	21 44	13 6			n.a.
T 25	8 32	9 13	5 3	13 37	1 32	1 52	1 18	14 30	0 12	23 32	1 11	16 48	1 19	3 55	0 42	21 52	0 48	27 51	17 21	21 28	21 44	13 8			n.a.
F 26	8 55	4 6	5 9	14 14	1 37	2 23	1 16	14 26	0 15	23 31	1 11	16 50	1 19	3 54	0 42	21 53	0 48	27 51	17 21	21 27	21 43	13 10			n.a.
S 27	9 18	1n25	4 56	14 51	1 41	2 55	1 15	14 21	0 17	23 30	1 11	16 52	1 19	3 52	0 42	21 53	0 48	27 51	17 21	21 26	21 43	13 12			n.a.
S 28	9 41	6 59	4 21	15 26	1 46	3 26	1 13	14 16	0 20	23 29	1 11	16 54	1 18	3 51	0 42	21 53	0 48	27 51	17 20	21 25	21 42	13 14			n.a.
M29	10 4	12 11	3 28	16 1	1 50	3 57	1 12	14 11	0 23	23 28	1 10	16 55	1 18	3 50	0 42	21 53	0 48	27 51	17 20	21 24	21 42	13 16			n.a.
T 30	10 26	16 36	2 19	16 36	1 54	4 29	1 10	14 5	0 25	23 26	1 10	16 57	1 18	3 48	0 42	21 54	0 48	27 51	17 20	21 23	21 41	13 17			n.a.
W31	10s49	19n51	1n 1	17s 9	1s58	5s 0	1n 9	14n 0	0n28	23s25	1s10	16s59	1n18	3n47	0n42	21s54	0n48	27s51	17s19	21s23	21s40	13s19			n.a.

Julian Day Number = 1307137.5, Delta T = 07h44m59s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'56, Lahiri = -19°36'56 Julian Calendar 1 Oct. 1135 BCE == Greg. Calendar 20 Sept. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

NOVEMBER 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 35	28♎40'36	7♊56	12♏15	16♎23	5°R 6	20♑26	20♏54	22♍16	12♐45	29°R40	4°D27	6♐ 2	26♎14	n.a.	T 1
F 2	2 1 32	29°41'45	22°20	13°47	17°38	4♉43	20°33	21° 0	22°19	12°47	29♒39	4♐28	5°59	26°21	n.a.	F 2
S 3	2 5 28	0♏42'55	6♋16	15°18	18°54	4°19	20°40	21° 7	22°22	12°49	29°39	4°29	5°55	26°28	n.a.	S 3
S 4	2 9 25	1°44'06	19°45	16°49	20°10	3°55	20°47	21°14	22°25	12°50	29°38	4°31	5°52	26°34	n.a.	S 4
M 5	2 13 22	2°45'18	2♌50	18°19	21°25	3°31	20°55	21°21	22°28	12°52	29°38	4°R32	5°49	26°41	n.a.	M 5
T 6	2 17 18	3°46'31	15°33	19°49	22°41	3° 8	21° 3	21°27	22°31	12°54	29°37	4°31	5°46	26°48	n.a.	T 6
W 7	2 21 15	4°47'45	27°58	21°18	23°56	2°44	21°10	21°34	22°34	12°56	29°37	4°29	5°43	26°54	n.a.	W 7
T 8	2 25 11	5°48'59	10♍10	22°46	25°12	2°21	21°18	21°41	22°37	12°58	29°37	4°25	5°40	27° 1	n.a.	T 8
F 9	2 29 8	6°50'15	22°12	24°13	26°28	1°58	21°27	21°48	22°40	13° 0	29°36	4°21	5°36	27° 8	n.a.	F 9
S 10	2 33 4	7°51'30	4♎ 7	25°39	27°43	1°35	21°35	21°55	22°43	13° 2	29°36	4°16	5°33	27°14	n.a.	S 10
S 11	2 37 1	8°52'47	15°58	27° 4	28°59	1°12	21°43	22° 2	22°46	13° 4	29°36	4°11	5°30	27°21	n.a.	S 11
M12	2 40 57	9°54'04	27°47	28°27	0♏15	0°50	21°52	22° 9	22°49	13° 6	29°35	4° 7	5°27	27°28	n.a.	M12
T 13	2 44 54	10°55'22	9♏36	29°48	1°30	0°28	22° 1	22°16	22°52	13° 8	29°35	4° 3	5°24	27°34	n.a.	T 13
W14	2 48 51	11°56'40	21°28	1♐ 7	2°46	0° 7	22°10	22°23	22°55	13°10	29°35	4° 2	5°21	27°41	n.a.	W14
T 15	2 52 47	12°57'58	3♐23	2°23	4° 1	29♈46	22°19	22°29	22°58	13°12	29°35	4°D 1	5°17	27°48	n.a.	T 15
F 16	2 56 44	13°59'17	15°25	3°36	5°17	29°25	22°28	22°36	23° 0	13°14	29°34	4° 1	5°14	27°55	n.a.	F 16
S 17	3 0 40	15° 0'35	27°35	4°45	6°33	29° 6	22°37	22°43	23° 3	13°16	29°34	4° 3	5°11	28° 1	n.a.	S 17
S 18	3 4 37	16° 1'54	9♑57	5°50	7°48	28°46	22°47	22°50	23° 6	13°18	29°34	4° 4	5° 8	28° 8	n.a.	S 18
M19	3 8 33	17° 3'12	22°34	6°50	9° 4	28°28	22°56	22°57	23° 8	13°20	29°34	4° 6	5° 5	28°15	n.a.	M19
T 20	3 12 30	18° 4'31	5♒28	7°44	10°19	28°10	23° 6	23° 5	23°11	13°22	29°34	4° 7	5° 1	28°21	n.a.	T 20
W21	3 16 26	19° 5'49	18°44	8°31	11°35	27°53	23°16	23°12	23°14	13°24	29°34	4°R 7	4°58	28°28	n.a.	W21
T 22	3 20 23	20° 7'06	2♓23	9°11	12°50	27°36	23°26	23°19	23°16	13°26	29°34	4° 7	4°55	28°35	n.a.	T 22
F 23	3 24 20	21° 8'24	16°26	9°43	14° 6	27°20	23°36	23°26	23°18	13°28	29°34	4° 6	4°52	28°41	n.a.	F 23
S 24	3 28 16	22° 9'41	0♈53	10° 5	15°21	27° 5	23°46	23°33	23°21	13°30	29°D34	4° 4	4°49	28°48	n.a.	S 24
S 25	3 32 13	23°10'57	15°41	10°18	16°37	26°51	23°56	23°40	23°23	13°33	29°34	4° 3	4°46	28°55	n.a.	S 25
M26	3 36 9	24°12'14	0♉43	10°R19	17°52	26°37	24° 7	23°47	23°26	13°35	29°34	4° 2	4°42	29° 1	n.a.	M26
T 27	3 40 6	25°13'30	15°51	10° 9	19° 8	26°24	24°17	23°54	23°28	13°37	29°34	4° 1	4°39	29° 8	n.a.	T 27
W28	3 44 2	26°14'46	0♊56	9°47	20°23	26°12	24°28	24° 1	23°30	13°39	29°34	4°D 1	4°36	29°15	n.a.	W28
T 29	3 47 59	27°16'01	15°48	9°13	21°39	26° 1	24°38	24° 8	23°32	13°41	29°34	4° 1	4°33	29°21	n.a.	T 29
F 30	3 51 56	28♏17'17	0♋21	8♐28	22♏54	25♈51	24♑49	24♏15	23♍34	13♐43	29♒34	4♐ 1	4♐30	29♎28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s11	21 n41	0 s19	17 s41	2 s 2	5 s31	1 n 7	13 n55	0 n30	23 s24	1 s10	17 s 1	1 n18	3 n46	0 n42	21 s54	0 n48	27 s51	17 s19	21 s23	21 s40	13 s21		n.a.
F 2	11 33	22 0	1 36	18 13	2 5	6 2	1 5	13 49	0 33	23 23	1 10	17 3	1 18	3 44	0 42	21 54	0 48	27 51	17 19	21 23	21 39	13 23		n.a.
S 3	11 55	20 56	2 45	18 43	2 8	6 33	1 4	13 43	0 36	23 22	1 10	17 5	1 18	3 43	0 42	21 55	0 48	27 51	17 19	21 23	21 39	13 25		n.a.
S 4	12 16	18 41	3 43	19 13	2 10	7 3	1 2	13 37	0 38	23 20	1 10	17 7	1 18	3 42	0 42	21 55	0 48	27 51	17 18	21 23	21 38	13 27		n.a.
M 5	12 38	15 31	4 27	19 41	2 12	7 34	1 0	13 32	0 41	23 19	1 9	17 9	1 18	3 41	0 42	21 55	0 48	27 50	17 18	21 23	21 38	13 29		n.a.
T 6	12 59	11 43	4 56	20 8	2 14	8 4	0 58	13 26	0 43	23 18	1 9	17 10	1 17	3 39	0 42	21 55	0 48	27 50	17 18	21 23	21 37	13 30		n.a.
W 7	13 20	7 31	5 11	20 33	2 15	8 34	0 56	13 20	0 46	23 16	1 9	17 12	1 17	3 38	0 42	21 56	0 48	27 50	17 17	21 23	21 36	13 32		n.a.
T 8	13 41	3 5	5 12	20 57	2 16	9 4	0 54	13 14	0 48	23 15	1 9	17 14	1 17	3 37	0 42	21 56	0 48	27 50	17 17	21 22	21 36	13 34		n.a.
F 9	14 1	1 s25	4 58	21 20	2 16	9 34	0 52	13 8	0 50	23 13	1 9	17 16	1 17	3 36	0 42	21 56	0 48	27 50	17 16	21 21	21 35	13 36		n.a.
S 10	14 21	5 49	4 32	21 41	2 16	10 3	0 50	13 2	0 53	23 12	1 9	17 18	1 17	3 35	0 42	21 57	0 48	27 50	17 16	21 20	21 35	13 38		n.a.
S 11	14 41	9 58	3 54	22 0	2 15	10 32	0 48	12 56	0 55	23 10	1 9	17 20	1 17	3 34	0 42	21 57	0 48	27 49	17 16	21 20	21 34	13 40		n.a.
M12	15 1	13 45	3 6	22 18	2 13	11 1	0 46	12 51	0 57	23 9	1 9	17 22	1 17	3 32	0 42	21 57	0 48	27 49	17 15	21 19	21 34	13 41		n.a.
T 13	15 21	16 59	2 11	22 34	2 11	11 30	0 44	12 45	1 0	23 7	1 8	17 24	1 17	3 31	0 42	21 57	0 48	27 49	17 15	21 18	21 33	13 43		n.a.
W14	15 40	19 32	1 9	22 48	2 8	11 59	0 42	12 39	1 2	23 6	1 8	17 26	1 17	3 30	0 42	21 58	0 48	27 49	17 15	21 18	21 32	13 45		n.a.
T 15	15 59	21 14	0 3	23 0	2 4	12 27	0 40	12 34	1 4	23 4	1 8	17 27	1 17	3 29	0 42	21 58	0 48	27 48	17 14	21 18	21 32	13 47		n.a.
F 16	16 18	21 59	1 n 3	23 9	1 59	12 55	0 37	12 28	1 6	23 3	1 8	17 29	1 17	3 28	0 42	21 58	0 48	27 48	17 14	21 18	21 31	13 49		n.a.
S 17	16 36	21 42	2 7	23 17	1 53	13 22	0 35	12 23	1 8	23 1	1 8	17 31	1 17	3 27	0 42	21 58	0 48	27 48	17 14	21 18	21 31	13 50		n.a.
S 18	16 54	20 21	3 6	23 22	1 46	13 49	0 33	12 18	1 10	22 59	1 8	17 33	1 16	3 26	0 42	21 59	0 48	27 48	17 13	21 18	21 30	13 52		n.a.
M19	17 12	18 0	3 58	23 24	1 38	14 16	0 31	12 13	1 12	22 57	1 8	17 35	1 16	3 25	0 42	21 59	0 48	27 47	17 13	21 19	21 30	13 54		n.a.
T 20	17 30	14 43	4 38	23 25	1 28	14 42	0 28	12 8	1 14	22 56	1 8	17 37	1 16	3 24	0 42	21 59	0 48	27 47	17 13	21 19	21 29	13 56		n.a.
W21	17 47	10 37	5 6	23 22	1 18	15 8	0 26	12 4	1 16	22 54	1 8	17 39	1 16	3 23	0 42	22 0	0 47	27 47	17 12	21 19	21 28	13 57		n.a.
T 22	18 4	5 52	5 17	23 17	1 6	15 34	0 24	11 59	1 18	22 52	1 7	17 40	1 16	3 22	0 43	22 0	0 47	27 46	17 12	21 19	21 28	13 59		n.a.
F 23	18 20	0 41	5 10	23 9	0 53	15 59	0 21	11 55	1 19	22 50	1 7	17 42	1 16	3 21	0 43	22 0	0 47	27 46	17 11	21 19	21 27	14 1		n.a.
S 24	18 36	4 n41	4 43	22 58	0 39	16 24	0 19	11 51	1 21	22 48	1 7	17 44	1 16	3 20	0 43	22 0	0 47	27 46	17 11	21 18	21 27	14 3		n.a.
S 25	18 52	9 54	3 57	22 44	0 23	16 48	0 17	11 48	1 23	22 46	1 7	17 46	1 16	3 19	0 43	22 1	0 47	27 45	17 11	21 18	21 26	14 5		n.a.
M26	19 8	14 38	2 55	22 28	0 6	17 12	0 14	11 44	1 24	22 44	1 7	17 48	1 16	3 18	0 43	22 1	0 47	27 45	17 10	21 18	21 25	14 6		n.a.
T 27	19 23	18 26	1 39	22 9	0 n12	17 36	0 12	11 41	1 26	22 42	1 7	17 50	1 16	3 17	0 43	22 1	0 47	27 45	17 10	21 18	21 25	14 8		n.a.
W28	19 38	20 57	0 17	21 47	0 30	17 59	0 10	11 38	1 27	22 40	1 7	17 51	1 16	3 16	0 43	22 2	0 47	27 44	17 10	21 18	21 24	14 10		n.a.
T 29	19 52	21 59	1 s 5	21 22	0 50	18 21	0 7	11 35	1 29	22 38	1 7	17 53	1 16	3 15	0 43	22 2	0 47	27 44	17 9	21 18	21 24	14 12		n.a.
F 30	20 s 6	21 n28	2 s21	20 s56	1 n10	18 s43	0 n 5	11 n32	1 n30	22 s36	1 s 7	17 s55	1 n16	3 n15	0 n43	22 s 2	0 n47	27 s44	17 s 9	21 s18	21 s23	14 s13		n.a.

Julian Day Number = 1307168.5, Delta T = 07h44m57s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'52, Lahiri = -19°36'51 Julian Calendar 1 Nov. 1135 BCE == Greg. Calendar 21 Oct. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1135 BCE
geocentric

DECEMBER 1135 BCE (-1134) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 52	29♏18'32	14♋29	7°R33	24♏10	25°R41	25♑ 0	24♏22	23♍37	13♐46	29♒34	4♐ 2	4♐27	29♎35	n.a.	S 1
S 2	3 59 49	0♐19'47	28°10	6♐28	25°25	25♈32	25°11	24°29	23°39	13°48	29°34	4° 2	4°23	29°41	n.a.	S 2
M 3	4 3 45	1°21'02	11♌24	5°16	26°41	25°24	25°22	24°36	23°41	13°50	29°35	4° 2	4°20	29°48	n.a.	M 3
T 4	4 7 42	2°22'16	24°14	3°59	27°56	25°17	25°34	24°43	23°42	13°52	29°35	4° 2	4°17	29°55	n.a.	T 4
W 5	4 11 38	3°23'31	6♍42	2°40	29°12	25°11	25°45	24°50	23°44	13°55	29°35	4° 2	4°14	0♏ 1	n.a.	W 5
T 6	4 15 35	4°24'45	18°54	1°21	0♐27	25° 5	25°57	24°57	23°46	13°57	29°35	4° 2	4°11	0° 8	n.a.	T 6
F 7	4 19 31	5°25'59	0♎54	0° 4	1°42	25° 1	26° 8	25° 4	23°48	13°59	29°36	4° 3	4° 7	0°15	n.a.	F 7
S 8	4 23 28	6°27'12	12°46	28♏52	2°58	24°57	26°20	25°11	23°50	14° 1	29°36	4° 3	4° 4	0°21	n.a.	S 8
S 9	4 27 25	7°28'25	24°34	27°47	4°13	24°54	26°31	25°18	23°52	14° 4	29°36	4° 3	4° 1	0°28	n.a.	S 9
M10	4 31 21	8°29'37	6♏22	26°49	5°29	24°51	26°43	25°25	23°53	14° 6	29°36	4° 4	3°58	0°35	n.a.	M10
T 11	4 35 18	9°30'49	18°14	26° 0	6°44	24°50	26°55	25°32	23°55	14° 8	29°37	4° 4	3°55	0°41	n.a.	T 11
W12	4 39 14	10°32'00	0♐12	25°20	7°59	24°D49	27° 7	25°38	23°56	14°10	29°37	4°R 4	3°52	0°48	n.a.	W12
T 13	4 43 11	11°33'11	12°17	24°50	9°15	24°49	27°19	25°45	23°58	14°13	29°38	4° 4	3°48	0°55	n.a.	T 13
F 14	4 47 7	12°34'20	24°33	24°29	10°30	24°50	27°32	25°52	23°59	14°15	29°38	4° 4	3°45	1° 1	n.a.	F 14
S 15	4 51 4	13°35'29	6♑59	24°17	11°45	24°51	27°44	25°59	24° 1	14°17	29°39	4° 3	3°42	1° 8	n.a.	S 15
S 16	4 55 1	14°36'37	19°37	24°D14	13° 1	24°54	27°56	26° 6	24° 2	14°20	29°39	4° 1	3°39	1°15	n.a.	S 16
M17	4 58 57	15°37'43	2♒29	24°19	14°16	24°57	28° 9	26°13	24° 3	14°22	29°40	4° 0	3°36	1°21	n.a.	M17
T 18	5 2 54	16°38'48	15°35	24°31	15°31	25° 1	28°21	26°19	24° 4	14°24	29°40	3°58	3°32	1°28	n.a.	T 18
W19	5 6 50	17°39'52	28°56	24°50	16°47	25° 5	28°34	26°26	24° 6	14°26	29°41	3°57	3°29	1°35	n.a.	W19
T 20	5 10 47	18°40'55	12♓33	25°15	18° 2	25°10	28°46	26°33	24° 7	14°29	29°41	3°D56	3°26	1°41	n.a.	T 20
F 21	5 14 43	19°41'56	26°27	25°47	19°17	25°16	28°59	26°40	24° 8	14°31	29°42	3°56	3°23	1°48	n.a.	F 21
S 22	5 18 40	20°42'55	10♈37	26°23	20°32	25°23	29°12	26°46	24° 9	14°33	29°42	3°57	3°20	1°55	n.a.	S 22
S 23	5 22 36	21°43'53	25° 1	27° 4	21°48	25°30	29°25	26°53	24°10	14°35	29°43	3°58	3°17	2° 1	n.a.	S 23
M24	5 26 33	22°44'50	9♉37	27°50	23° 3	25°38	29°38	26°59	24°11	14°38	29°44	3°59	3°13	2° 8	n.a.	M24
T 25	5 30 30	23°45'45	24°19	28°39	24°18	25°46	29°51	27° 6	24°12	14°40	29°44	4° 0	3°10	2°15	n.a.	T 25
W26	5 34 26	24°46'39	9♊ 3	29°32	25°33	25°55	0♒ 4	27°13	24°12	14°42	29°45	4°R 1	3° 7	2°21	n.a.	W26
T 27	5 38 23	25°47'32	23°41	0♐28	26°48	26° 5	0°17	27°19	24°13	14°44	29°46	4° 0	3° 4	2°28	n.a.	T 27
F 28	5 42 19	26°48'23	8♋ 6	1°28	28° 4	26°15	0°30	27°25	24°14	14°47	29°47	3°57	3° 1	2°35	n.a.	F 28
S 29	5 46 16	27°49'13	22°13	2°30	29°19	26°26	0°43	27°32	24°14	14°49	29°47	3°54	2°58	2°41	n.a.	S 29
S 30	5 50 12	28°50'01	5♌58	3°34	0♑34	26°37	0°57	27°38	24°15	14°51	29°48	3°50	2°54	2°48	n.a.	S 30
M31	5 54 9	29♐50'48	19♌18	4♐41	1♑49	26♈49	1♒10	27♏45	24♍16	14♐53	29♒49	3♐46	2♐51	2♏55	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s20	19n36	3s27	20s27	1n30	19s 5	0n 2	11n30	1n31	22s34	1s 7	17s57	1n16	3n14	0n43	22s 2	0n47	27s43	17s 9	21s18	21s22	14s15		n.a.
S 2	20 33	16 39	4 18	19 57	1 49	19 26	0 0	11 28	1 33	22 32	1 7	17 59	1 16	3 13	0 43	22 3	0 47	27 43	17 8	21 18	21 22	14 17		n.a.
M 3	20 46	12 56	4 54	19 26	2 7	19 46	0s 2	11 26	1 34	22 30	1 6	18 0	1 16	3 12	0 43	22 3	0 47	27 42	17 8	21 18	21 21	14 19		n.a.
T 4	20 58	8 44	5 13	18 56	2 24	20 6	0 5	11 24	1 35	22 28	1 6	18 2	1 15	3 12	0 43	22 3	0 47	27 42	17 7	21 18	21 21	14 20		n.a.
W 5	21 10	4 17	5 18	18 25	2 40	20 25	0 7	11 23	1 36	22 25	1 6	18 4	1 15	3 11	0 43	22 4	0 47	27 42	17 7	21 18	21 20	14 22		n.a.
T 6	21 22	0s15	5 7	17 57	2 53	20 44	0 9	11 22	1 37	22 23	1 6	18 6	1 15	3 10	0 43	22 4	0 47	27 41	17 7	21 18	21 20	14 24		n.a.
F 7	21 33	4 41	4 44	17 30	3 4	21 2	0 12	11 21	1 38	22 21	1 6	18 7	1 15	3 9	0 43	22 4	0 47	27 41	17 6	21 18	21 19	14 25		n.a.
S 8	21 44	8 55	4 8	17 6	3 12	21 19	0 14	11 21	1 39	22 19	1 6	18 9	1 15	3 9	0 43	22 4	0 47	27 40	17 6	21 18	21 18	14 27		n.a.
S 9	21 55	12 48	3 23	16 46	3 18	21 36	0 16	11 20	1 40	22 16	1 6	18 11	1 15	3 8	0 43	22 5	0 47	27 40	17 6	21 18	21 18	14 29		n.a.
M10	22 5	16 11	2 28	16 29	3 22	21 52	0 19	11 20	1 41	22 14	1 6	18 13	1 15	3 7	0 43	22 5	0 47	27 39	17 5	21 18	21 17	14 31		n.a.
T 11	22 14	18 56	1 27	16 16	3 24	22 8	0 21	11 21	1 42	22 11	1 6	18 14	1 15	3 7	0 43	22 5	0 47	27 39	17 5	21 18	21 16	14 32		n.a.
W12	22 23	20 52	0 22	16 7	3 23	22 23	0 23	11 21	1 43	22 9	1 6	18 16	1 15	3 6	0 43	22 6	0 47	27 38	17 4	21 18	21 16	14 34		n.a.
T 13	22 32	21 53	0n46	16 2	3 21	22 37	0 26	11 22	1 43	22 6	1 6	18 18	1 15	3 6	0 43	22 6	0 47	27 38	17 4	21 18	21 15	14 36		n.a.
F 14	22 40	21 52	1 51	16 0	3 18	22 51	0 28	11 23	1 44	22 4	1 6	18 19	1 15	3 5	0 43	22 6	0 47	27 37	17 4	21 18	21 15	14 37		n.a.
S 15	22 48	20 46	2 53	16 2	3 13	23 4	0 30	11 24	1 45	22 1	1 6	18 21	1 15	3 5	0 43	22 6	0 47	27 37	17 3	21 18	21 14	14 39		n.a.
S 16	22 55	18 38	3 47	16 7	3 7	23 16	0 32	11 25	1 46	21 59	1 5	18 23	1 15	3 4	0 43	22 7	0 47	27 36	17 3	21 18	21 13	14 41		n.a.
M17	23 2	15 32	4 30	16 15	3 0	23 27	0 34	11 27	1 46	21 56	1 5	18 24	1 15	3 4	0 43	22 7	0 47	27 36	17 3	21 17	21 13	14 42		n.a.
T 18	23 9	11 38	5 1	16 25	2 53	23 38	0 37	11 29	1 47	21 54	1 5	18 26	1 15	3 3	0 43	22 7	0 47	27 35	17 2	21 17	21 12	14 44		n.a.
W19	23 15	7 7	5 16	16 38	2 45	23 48	0 39	11 31	1 47	21 51	1 5	18 28	1 15	3 3	0 43	22 8	0 47	27 35	17 2	21 17	21 12	14 46		n.a.
T 20	23 20	2 9	5 13	16 52	2 36	23 57	0 41	11 34	1 48	21 48	1 5	18 29	1 15	3 2	0 43	22 8	0 47	27 34	17 2	21 17	21 11	14 47		n.a.
F 21	23 25	3n 2	4 53	17 8	2 27	24 6	0 43	11 37	1 48	21 45	1 5	18 31	1 15	3 2	0 43	22 8	0 47	27 34	17 1	21 17	21 10	14 49		n.a.
S 22	23 30	8 9	4 14	17 26	2 18	24 14	0 45	11 39	1 49	21 43	1 5	18 32	1 15	3 1	0 44	22 8	0 47	27 33	17 1	21 17	21 10	14 51		n.a.
S 23	23 34	12 55	3 19	17 45	2 8	24 21	0 47	11 42	1 49	21 40	1 5	18 34	1 15	3 1	0 44	22 9	0 47	27 33	17 1	21 17	21 9	14 52		n.a.
M24	23 38	16 59	2 11	18 4	1 59	24 27	0 49	11 46	1 50	21 37	1 5	18 35	1 15	3 1	0 44	22 9	0 47	27 32	17 0	21 17	21 9	14 54		n.a.
T 25	23 41	20 1	0 53	18 25	1 49	24 33	0 51	11 49	1 50	21 34	1 5	18 37	1 15	3 1	0 44	22 9	0 47	27 31	17 0	21 18	21 8	14 56		n.a.
W26	23 43	21 42	0s28	18 46	1 39	24 38	0 53	11 53	1 51	21 31	1 5	18 38	1 15	3 0	0 44	22 9	0 47	27 31	17 0	21 18	21 7	14 57		n.a.
T 27	23 46	21 54	1 47	19 7	1 30	24 42	0 54	11 57	1 51	21 28	1 5	18 40	1 15	3 0	0 44	22 10	0 47	27 30	16 59	21 17	21 7	14 59		n.a.
F 28	23 47	20 38	2 57	19 29	1 20	24 45	0 56	12 1	1 51	21 26	1 5	18 41	1 15	3 0	0 44	22 10	0 47	27 30	16 59	21 17	21 6	15 1		n.a.
S 29	23 49	18 6	3 55	19 51	1 10	24 48	0 58	12 5	1 52	21 23	1 5	18 43	1 15	2 59	0 44	22 10	0 47	27 29	16 59	21 16	21 5	15 2		n.a.
S 30	23 49	14 36	4 38	20 13	1 1	24 49	1 0	12 10	1 52	21 20	1 5	18 44	1 15	2 59	0 44	22 11	0 47	27 29	16 58	21 16	21 5	15 4		n.a.
M31	23s50	10n28	5s 4	20s35	0n51	24s50	1s 1	12n15	1n52	21s17	1s 5	18s46	1n15	2n59	0n44	22s11	0n47	27s28	16s58	21s15	21s 4	15s 5		n.a.

Julian Day Number = 1307198.5, Delta T = 07h44m55s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'48, Lahiri = -19°36'47 Julian Calendar 1 Dec. 1135 BCE == Greg. Calendar 20 Nov. 1135 BCE

The year -1134 astronomical counting style corresponds to year 1135 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

JANUARY 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 5	0♉51'34	2♍14	5♐50	3♉ 4	27♈ 2	1♒23	27♏51	24♍16	14♐56	29♒50	3°R43	2♐48	3♏ 1	n.a.	T 1
W 2	6 2 2	1°52'19	14°48	7° 1	4°19	27°15	1°37	27°57	24°16	14°58	29°51	3♐40	2°45	3° 8	n.a.	W 2
T 3	6 5 59	2°53'02	27° 3	8°13	5°34	27°29	1°50	28° 3	24°17	15° 0	29°52	3°39	2°42	3°15	n.a.	T 3
F 4	6 9 55	3°53'44	9♎ 5	9°28	6°49	27°43	2° 4	28°10	24°17	15° 2	29°52	3°D39	2°38	3°21	n.a.	F 4
S 5	6 13 52	4°54'25	20°57	10°44	8° 4	27°57	2°18	28°16	24°17	15° 4	29°53	3°40	2°35	3°28	n.a.	S 5
S 6	6 17 48	5°55'04	2♏45	12° 1	9°19	28°12	2°31	28°22	24°17	15° 7	29°54	3°42	2°32	3°35	n.a.	S 6
M 7	6 21 45	6°55'42	14°34	13°20	10°34	28°28	2°45	28°28	24°18	15° 9	29°55	3°44	2°29	3°41	n.a.	M 7
T 8	6 25 41	7°56'19	26°29	14°41	11°49	28°44	2°59	28°34	24°18	15°11	29°56	3°45	2°26	3°48	n.a.	T 8
W 9	6 29 38	8°56'54	8♐33	16° 2	13° 4	29° 0	3°12	28°40	24°R18	15°13	29°57	3°R45	2°23	3°55	n.a.	W 9
T 10	6 33 34	9°57'28	20°49	17°25	14°19	29°17	3°26	28°46	24°18	15°15	29°58	3°44	2°19	4° 1	n.a.	T 10
F 11	6 37 31	10°58'00	3♑19	18°49	15°34	29°34	3°40	28°52	24°18	15°17	29°59	3°40	2°16	4° 8	n.a.	F 11
S 12	6 41 28	11°58'30	16° 4	20°14	16°49	29°52	3°54	28°57	24°17	15°19	0♓ 0	3°35	2°13	4°15	n.a.	S 12
S 13	6 45 24	12°58'58	29° 5	21°40	18° 4	0♉10	4° 8	29° 3	24°17	15°21	0° 1	3°29	2°10	4°21	n.a.	S 13
M14	6 49 21	13°59'25	12♒21	23° 8	19°19	0°29	4°22	29° 9	24°17	15°23	0° 2	3°21	2° 7	4°28	n.a.	M14
T 15	6 53 17	14°59'49	25°49	24°36	20°34	0°48	4°36	29°14	24°17	15°25	0° 3	3°14	2° 4	4°35	n.a.	T 15
W16	6 57 14	16° 0'11	9♓28	26° 6	21°49	1° 7	4°50	29°20	24°16	15°28	0° 4	3° 8	2° 0	4°41	n.a.	W16
T 17	7 1 10	17° 0'32	23°17	27°36	23° 4	1°27	5° 4	29°25	24°16	15°30	0° 5	3° 4	1°57	4°48	n.a.	T 17
F 18	7 5 7	18° 0'50	7♈14	29° 8	24°19	1°47	5°18	29°31	24°15	15°32	0° 7	3° 2	1°54	4°55	n.a.	F 18
S 19	7 9 3	19° 1'06	21°18	0♉40	25°33	2° 8	5°32	29°36	24°15	15°34	0° 8	3°D 1	1°51	5° 1	n.a.	S 19
S 20	7 13 0	20° 1'19	5♉27	2°14	26°48	2°28	5°47	29°42	24°14	15°35	0° 9	3° 2	1°48	5° 8	n.a.	S 20
M21	7 16 57	21° 1'31	19°40	3°48	28° 3	2°50	6° 1	29°47	24°14	15°37	0°10	3° 3	1°44	5°15	n.a.	M21
T 22	7 20 53	22° 1'40	3♊56	5°24	29°18	3°11	6°15	29°52	24°13	15°39	0°11	3°R 4	1°41	5°21	n.a.	T 22
W23	7 24 50	23° 1'47	18°12	7° 1	0♒33	3°33	6°29	29°57	24°12	15°41	0°12	3° 3	1°38	5°28	n.a.	W23
T 24	7 28 46	24° 1'52	2♋23	8°39	1°47	3°55	6°44	0♐ 2	24°11	15°43	0°14	2°59	1°35	5°35	n.a.	T 24
F 25	7 32 43	25° 1'54	16°27	10°17	3° 2	4°17	6°58	0° 7	24°10	15°45	0°15	2°54	1°32	5°41	n.a.	F 25
S 26	7 36 39	26° 1'55	0♌17	11°57	4°17	4°40	7°12	0°12	24°10	15°47	0°16	2°46	1°29	5°48	n.a.	S 26
S 27	7 40 36	27° 1'53	13°51	13°38	5°31	5° 3	7°26	0°17	24° 9	15°49	0°17	2°36	1°25	5°55	n.a.	S 27
M28	7 44 32	28° 1'50	27° 6	15°20	6°46	5°26	7°41	0°22	24° 8	15°51	0°18	2°27	1°22	6° 1	n.a.	M28
T 29	7 48 29	29° 1'45	10♍ 1	17° 3	8° 1	5°50	7°55	0°27	24° 7	15°52	0°20	2°17	1°19	6° 8	n.a.	T 29
W30	7 52 26	0♒ 1'37	22°35	18°48	9°15	6°14	8° 9	0°31	24° 5	15°54	0°21	2° 9	1°16	6°15	n.a.	W30
T 31	7 56 22	1♒ 1'28	4♎52	20♑33	10♒30	6♉38	8♒24	0♐36	24♍ 4	15♐56	0♓22	2♐ 4	1♐13	6♏21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s50	5n58	5s14	20s56	0n42	24s51	1s 3	12n19	1n52	21s14	1s 5	18s47	1n15	2n59	0n44	22s11	0n47	27s27	16s58	21s14	21s 4	15s 7			n.a.
W 2	23 49	1 21	5 8	21 17	0 33	24 50	1 5	12 24	1 53	21 10	1 5	18 49	1 15	2 59	0 44	22 11	0 47	27 27	16 57	21 14	21 3	15 9			n.a.
T 3	23 48	3s13	4 49	21 38	0 24	24 49	1 6	12 30	1 53	21 7	1 5	18 50	1 15	2 59	0 44	22 12	0 47	27 26	16 57	21 13	21 2	15 10			n.a.
F 4	23 46	7 34	4 16	21 59	0 15	24 47	1 8	12 35	1 53	21 4	1 5	18 51	1 15	2 59	0 44	22 12	0 47	27 26	16 57	21 13	21 2	15 12			n.a.
S 5	23 44	11 35	3 33	22 18	0 7	24 44	1 9	12 40	1 53	21 1	1 5	18 53	1 15	2 59	0 44	22 12	0 47	27 25	16 56	21 14	21 1	15 14			n.a.
S 6	23 42	15 9	2 42	22 38	0s 2	24 40	1 10	12 46	1 53	20 58	1 5	18 54	1 15	2 59	0 44	22 12	0 47	27 24	16 56	21 14	21 0	15 15			n.a.
M 7	23 39	18 7	1 43	22 56	0 10	24 36	1 12	12 52	1 54	20 55	1 5	18 56	1 15	2 59	0 44	22 13	0 47	27 24	16 56	21 14	21 0	15 17			n.a.
T 8	23 35	20 20	0 40	23 14	0 18	24 30	1 13	12 58	1 54	20 51	1 5	18 57	1 15	2 59	0 44	22 13	0 47	27 23	16 56	21 15	20 59	15 18			n.a.
W 9	23 31	21 39	0n26	23 30	0 26	24 24	1 14	13 4	1 54	20 48	1 5	18 58	1 15	2 59	0 44	22 13	0 47	27 22	16 55	21 15	20 58	15 20			n.a.
T 10	23 27	21 59	1 32	23 46	0 33	24 18	1 15	13 10	1 54	20 45	1 5	18 59	1 15	2 59	0 44	22 13	0 47	27 22	16 55	21 14	20 58	15 21			n.a.
F 11	23 22	21 13	2 34	24 1	0 40	24 10	1 17	13 17	1 54	20 42	1 5	19 1	1 15	2 59	0 44	22 13	0 47	27 21	16 55	21 14	20 57	15 23			n.a.
S 12	23 17	19 22	3 30	24 15	0 47	24 2	1 18	13 23	1 54	20 38	1 5	19 2	1 15	2 59	0 44	22 14	0 47	27 21	16 54	21 13	20 57	15 25			n.a.
S 13	23 11	16 30	4 16	24 28	0 54	23 53	1 19	13 30	1 54	20 35	1 5	19 3	1 15	2 59	0 44	22 14	0 47	27 20	16 54	21 11	20 56	15 26			n.a.
M14	23 5	12 45	4 49	24 39	1 1	23 43	1 20	13 36	1 54	20 31	1 5	19 5	1 15	2 59	0 44	22 14	0 47	27 19	16 54	21 10	20 55	15 28			n.a.
T 15	22 58	8 19	5 7	24 50	1 7	23 33	1 21	13 43	1 54	20 28	1 5	19 6	1 15	2 59	0 44	22 14	0 47	27 19	16 54	21 9	20 55	15 29			n.a.
W16	22 51	3 24	5 8	24 59	1 13	23 22	1 21	13 50	1 54	20 25	1 5	19 7	1 15	2 59	0 44	22 15	0 47	27 18	16 53	21 8	20 54	15 31			n.a.
T 17	22 44	1n44	4 51	25 7	1 19	23 10	1 22	13 57	1 54	20 21	1 5	19 8	1 15	3 0	0 44	22 15	0 47	27 17	16 53	21 7	20 53	15 32			n.a.
F 18	22 36	6 50	4 16	25 14	1 24	22 58	1 23	14 4	1 54	20 18	1 5	19 9	1 15	3 0	0 44	22 15	0 47	27 17	16 53	21 6	20 53	15 34			n.a.
S 19	22 27	11 37	3 26	25 19	1 29	22 45	1 24	14 11	1 54	20 14	1 5	19 10	1 15	3 0	0 45	22 15	0 47	27 16	16 53	21 6	20 52	15 36			n.a.
S 20	22 18	15 48	2 24	25 23	1 34	22 31	1 24	14 19	1 54	20 11	1 5	19 12	1 15	3 0	0 45	22 15	0 47	27 15	16 52	21 6	20 51	15 37			n.a.
M21	22 9	19 5	1 12	25 25	1 39	22 16	1 25	14 26	1 54	20 7	1 5	19 13	1 15	3 1	0 45	22 16	0 47	27 15	16 52	21 6	20 51	15 39			n.a.
T 22	22 0	21 12	0s 5	25 26	1 43	22 1	1 25	14 34	1 54	20 3	1 5	19 14	1 15	3 1	0 45	22 16	0 47	27 14	16 52	21 7	20 50	15 40			n.a.
W23	21 50	21 57	1 21	25 25	1 46	21 45	1 26	14 41	1 54	20 0	1 5	19 15	1 15	3 1	0 45	22 16	0 47	27 13	16 52	21 6	20 49	15 42			n.a.
T 24	21 39	21 17	2 31	25 22	1 50	21 29	1 26	14 49	1 54	19 56	1 5	19 16	1 15	3 2	0 45	22 16	0 47	27 13	16 52	21 6	20 49	15 43			n.a.
F 25	21 28	19 18	3 32	25 18	1 53	21 12	1 26	14 57	1 54	19 52	1 5	19 17	1 15	3 2	0 45	22 16	0 47	27 12	16 51	21 5	20 48	15 45			n.a.
S 26	21 17	16 13	4 18	25 12	1 56	20 54	1 26	15 4	1 54	19 49	1 5	19 18	1 15	3 2	0 45	22 17	0 47	27 11	16 51	21 3	20 47	15 46			n.a.
S 27	21 6	12 19	4 50	25 4	1 58	20 36	1 27	15 12	1 54	19 45	1 5	19 19	1 15	3 3	0 45	22 17	0 47	27 11	16 51	21 1	20 47	15 48			n.a.
M28	20 54	7 55	5 4	24 55	2 0	20 17	1 27	15 20	1 54	19 41	1 5	19 20	1 15	3 3	0 45	22 17	0 47	27 10	16 51	20 59	20 46	15 49			n.a.
T 29	20 41	3 16	5 3	24 44	2 1	19 57	1 27	15 28	1 54	19 38	1 5	19 21	1 15	3 4	0 45	22 17	0 47	27 10	16 51	20 57	20 46	15 51			n.a.
W30	20 28	1s23	4 47	24 30	2 3	19 37	1 27	15 36	1 54	19 34	1 5	19 22	1 15	3 4	0 45	22 17	0 47	27 9	16 50	20 56	20 45	15 52			n.a.
T 31	20s15	5s54	4s17	24s15	2s 3	19s17	1s27	15n44	1n54	19s30	1s 5	19s23	1n15	3n 5	0n45	22s18	0n47	27s 8	16s50	20s55	20s44	15s54			n.a.

Julian Day Number = 1307229.5, Delta T = 07h44m54s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'43, Lahiri = -19°36'43 Julian Calendar 1 Jan. 1134 BCE == Greg. Calendar 21 Dec. 1135 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

FEBRUARY 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 0 19	2♒ 1'17	16♎55	22♉20	11♒44	7♉ 2	8♒38	0♐40	24°R 3	15♐58	0♓24	2°R 0	1♐10	6♏28	n.a.	F 1
S 2	8 4 15	3° 1'04	28°48	24° 7	12°59	7°27	8°53	0°45	24♍ 2	15°59	0°25	1°D59	1° 6	6°35	n.a.	S 2
S 3	8 8 12	4° 0'49	10♏37	25°56	14°13	7°52	9° 7	0°49	24° 1	16° 1	0°26	1♐59	1° 3	6°41	n.a.	S 3
M 4	8 12 8	5° 0'32	22°27	27°46	15°28	8°17	9°21	0°54	23°59	16° 3	0°28	1°59	1° 0	6°48	n.a.	M 4
T 5	8 16 5	6° 0'14	4♐23	29°38	16°42	8°42	9°36	0°58	23°58	16° 4	0°29	2°R 0	0°57	6°55	n.a.	T 5
W 6	8 20 1	6°59'53	16°30	1♒30	17°57	9° 8	9°50	1° 2	23°56	16° 6	0°30	1°59	0°54	7° 1	n.a.	W 6
T 7	8 23 58	7°59'31	28°53	3°24	19°11	9°34	10° 5	1° 6	23°55	16° 8	0°32	1°55	0°50	7° 8	n.a.	T 7
F 8	8 27 55	8°59'07	11♑35	5°18	20°26	10° 0	10°19	1°10	23°54	16° 9	0°33	1°49	0°47	7°14	n.a.	F 8
S 9	8 31 51	9°58'41	24°37	7°14	21°40	10°26	10°34	1°14	23°52	16°11	0°34	1°41	0°44	7°21	n.a.	S 9
S 10	8 35 48	10°58'12	7♒59	9°11	22°55	10°53	10°48	1°18	23°50	16°12	0°36	1°31	0°41	7°28	n.a.	S 10
M11	8 39 44	11°57'41	21°40	11° 9	24° 9	11°19	11° 3	1°22	23°49	16°14	0°37	1°19	0°38	7°34	n.a.	M11
T 12	8 43 41	12°57'08	5♓35	13° 8	25°23	11°46	11°17	1°25	23°47	16°15	0°38	1° 7	0°35	7°41	n.a.	T 12
W13	8 47 37	13°56'33	19°41	15° 8	26°38	12°13	11°31	1°29	23°45	16°16	0°40	0°57	0°31	7°48	n.a.	W13
T 14	8 51 34	14°55'55	3♈53	17° 8	27°52	12°41	11°46	1°32	23°44	16°18	0°41	0°49	0°28	7°54	n.a.	T 14
F 15	8 55 30	15°55'15	18° 6	19°10	29° 6	13° 8	12° 0	1°36	23°42	16°19	0°43	0°44	0°25	8° 1	n.a.	F 15
S 16	8 59 27	16°54'33	2♉18	21°11	0♓20	13°36	12°15	1°39	23°40	16°21	0°44	0°42	0°22	8° 8	n.a.	S 16
S 17	9 3 23	17°53'48	16°26	23°13	1°35	14° 4	12°29	1°42	23°38	16°22	0°45	0°D41	0°19	8°14	n.a.	S 17
M18	9 7 20	18°53'01	0♊29	25°15	2°49	14°32	12°43	1°46	23°36	16°23	0°47	0°R41	0°16	8°21	n.a.	M18
T 19	9 11 17	19°52'11	14°27	27°17	4° 3	15° 0	12°58	1°49	23°34	16°25	0°48	0°41	0°12	8°28	n.a.	T 19
W20	9 15 13	20°51'18	28°19	29°19	5°17	15°28	13°12	1°52	23°32	16°26	0°50	0°38	0° 9	8°34	n.a.	W20
T 21	9 19 10	21°50'24	12♋ 5	1♓20	6°31	15°57	13°27	1°55	23°30	16°27	0°51	0°33	0° 6	8°41	n.a.	T 21
F 22	9 23 6	22°49'26	25°42	3°19	7°45	16°26	13°41	1°58	23°28	16°28	0°53	0°25	0° 3	8°48	n.a.	F 22
S 23	9 27 3	23°48'27	9♌ 8	5°18	8°59	16°55	13°55	2° 0	23°26	16°29	0°54	0°15	29♏59	8°54	n.a.	S 23
S 24	9 30 59	24°47'25	22°22	7°14	10°13	17°24	14° 9	2° 3	23°24	16°30	0°55	0° 2	29°56	9° 1	n.a.	S 24
M25	9 34 56	25°46'21	5♍22	9° 9	11°27	17°53	14°24	2° 5	23°22	16°32	0°57	29♏49	29°53	9° 8	n.a.	M25
T 26	9 38 52	26°45'15	18° 5	11° 0	12°41	18°22	14°38	2° 8	23°20	16°33	0°58	29°37	29°50	9°14	n.a.	T 26
W27	9 42 49	27°44'07	0♎33	12°49	13°55	18°51	14°52	2°10	23°18	16°34	1° 0	29°25	29°47	9°21	n.a.	W27
T 28	9 46 45	28♒42'56	12♎46	14♓35	15♓ 9	19♉21	15♒ 7	2♐13	23♍15	16♐35	1♓ 1	29♏17	29♏44	9♏28	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 2	10s 5	3s37	23s58	2s 3	18s56	1s26	15n52	1n54	19s26	1s 5	19s24	1n15	3n 5	0n45	22s18	0n47	27s 8	16s50	20s54	20s44	15s55		n.a.
S 2	19 48	13 50	2 48	23 39	2 3	18 34	1 26	16 0	1 54	19 22	1 5	19 25	1 15	3 6	0 45	22 18	0 47	27 7	16 50	20 54	20 43	15 57		n.a.
S 3	19 34	17 1	1 52	23 18	2 2	18 12	1 26	16 9	1 53	19 19	1 5	19 26	1 15	3 6	0 45	22 18	0 47	27 6	16 50	20 54	20 42	15 58		n.a.
M 4	19 19	19 30	0 51	22 55	2 1	17 49	1 25	16 17	1 53	19 15	1 5	19 26	1 16	3 7	0 45	22 18	0 47	27 6	16 50	20 54	20 42	16 0		n.a.
T 5	19 5	21 9	0n13	22 30	1 59	17 26	1 25	16 25	1 53	19 11	1 5	19 27	1 16	3 7	0 45	22 18	0 47	27 5	16 49	20 54	20 41	16 1		n.a.
W 6	18 49	21 52	1 17	22 3	1 57	17 2	1 25	16 33	1 53	19 7	1 5	19 28	1 16	3 8	0 45	22 19	0 47	27 4	16 49	20 54	20 40	16 3		n.a.
T 7	18 34	21 31	2 18	21 34	1 54	16 38	1 24	16 42	1 53	19 3	1 5	19 29	1 16	3 9	0 45	22 19	0 47	27 4	16 49	20 53	20 40	16 4		n.a.
F 8	18 18	20 5	3 14	21 3	1 51	16 14	1 23	16 50	1 53	18 59	1 5	19 30	1 16	3 9	0 45	22 19	0 47	27 3	16 49	20 52	20 39	16 6		n.a.
S 9	18 2	17 35	4 2	20 29	1 47	15 49	1 23	16 58	1 53	18 55	1 5	19 30	1 16	3 10	0 45	22 19	0 47	27 2	16 49	20 50	20 38	16 7		n.a.
S 10	17 46	14 6	4 37	19 54	1 43	15 23	1 22	17 7	1 53	18 51	1 5	19 31	1 16	3 10	0 45	22 19	0 47	27 2	16 49	20 48	20 38	16 9		n.a.
M11	17 29	9 49	4 58	19 16	1 37	14 58	1 21	17 15	1 52	18 47	1 5	19 32	1 16	3 11	0 45	22 19	0 47	27 1	16 49	20 45	20 37	16 10		n.a.
T 12	17 12	4 57	5 1	18 37	1 32	14 31	1 20	17 23	1 52	18 43	1 5	19 33	1 16	3 12	0 45	22 20	0 47	27 1	16 48	20 43	20 36	16 11		n.a.
W13	16 55	0n14	4 46	17 55	1 26	14 5	1 19	17 32	1 52	18 39	1 5	19 33	1 16	3 13	0 45	22 20	0 47	27 0	16 48	20 41	20 36	16 13		n.a.
T 14	16 37	5 26	4 14	17 12	1 19	13 38	1 18	17 40	1 52	18 35	1 5	19 34	1 16	3 13	0 45	22 20	0 47	26 59	16 48	20 39	20 35	16 14		n.a.
F 15	16 19	10 22	3 25	16 27	1 11	13 11	1 17	17 48	1 52	18 31	1 6	19 35	1 16	3 14	0 45	22 20	0 47	26 59	16 48	20 38	20 34	16 16		n.a.
S 16	16 1	14 43	2 24	15 40	1 3	12 43	1 16	17 57	1 52	18 27	1 6	19 35	1 16	3 15	0 45	22 20	0 47	26 58	16 48	20 38	20 33	16 17		n.a.
S 17	15 43	18 13	1 15	14 51	0 55	12 15	1 15	18 5	1 51	18 23	1 6	19 36	1 16	3 16	0 45	22 20	0 47	26 57	16 48	20 38	20 33	16 19		n.a.
M18	15 24	20 36	0 1	14 1	0 45	11 47	1 14	18 14	1 51	18 19	1 6	19 36	1 16	3 16	0 45	22 20	0 47	26 57	16 48	20 38	20 32	16 20		n.a.
T 19	15 6	21 43	1s12	13 10	0 36	11 18	1 12	18 22	1 51	18 15	1 6	19 37	1 16	3 17	0 45	22 20	0 47	26 56	16 48	20 37	20 31	16 22		n.a.
W20	14 47	21 28	2 21	12 18	0 26	10 50	1 11	18 30	1 51	18 11	1 6	19 38	1 16	3 18	0 45	22 21	0 47	26 56	16 48	20 37	20 31	16 23		n.a.
T 21	14 27	19 57	3 20	11 25	0 15	10 20	1 10	18 39	1 51	18 7	1 6	19 38	1 16	3 19	0 45	22 21	0 47	26 55	16 48	20 36	20 30	16 24		n.a.
F 22	14 8	17 18	4 8	10 31	0 4	9 51	1 8	18 47	1 50	18 2	1 6	19 39	1 16	3 20	0 45	22 21	0 47	26 54	16 48	20 34	20 29	16 26		n.a.
S 23	13 48	13 45	4 41	9 36	0n 8	9 21	1 7	18 55	1 50	17 58	1 6	19 39	1 16	3 21	0 45	22 21	0 47	26 54	16 48	20 32	20 29	16 27		n.a.
S 24	13 28	9 36	4 58	8 42	0 19	8 52	1 5	19 3	1 50	17 54	1 6	19 40	1 16	3 21	0 46	22 21	0 47	26 53	16 48	20 29	20 28	16 29		n.a.
M25	13 8	5 4	4 59	7 47	0 31	8 22	1 4	19 12	1 50	17 50	1 6	19 40	1 17	3 22	0 46	22 21	0 47	26 53	16 48	20 26	20 27	16 30		n.a.
T 26	12 48	0 25	4 45	6 53	0 43	7 51	1 2	19 20	1 50	17 46	1 6	19 41	1 17	3 23	0 46	22 21	0 47	26 52	16 48	20 24	20 27	16 31		n.a.
W27	12 27	4s 9	4 18	6 0	0 56	7 21	1 0	19 28	1 49	17 42	1 6	19 41	1 17	3 24	0 46	22 21	0 47	26 52	16 48	20 21	20 26	16 33		n.a.
T 28	12s 7	8s28	3s39	5s 8	1n 8	6s50	0s58	19n36	1n49	17s37	1s 6	19s41	1n17	3n25	0n46	22s21	0n47	26s51	16s47	20s19	20s25	16s34		n.a.

Julian Day Number = 1307260.5, Delta T = 07h44m52s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'39, Lahiri = -19°36'39 Julian Calendar 1 Feb. 1134 BCE == Greg. Calendar 21 Jan. 1134 BCE

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

MARCH 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 50 42	29♒41'44	24♎47	16♓16	16♓23	19♉51	15♒21	2♐15	23°R13	16♐36	1♓ 3	29°R10	29♏41	9♏34	n.a.	F 1
S 2	9 54 39	0♓40'30	6♏40	17°54	17°37	20°21	15°35	2°17	23♍11	16°37	1° 4	29♏ 7	29°37	9°41	n.a.	S 2
S 3	9 58 35	1°39'14	18°28	19°28	18°51	20°51	15°49	2°19	23° 8	16°37	1° 6	29° 6	29°34	9°48	n.a.	S 3
M 4	10 2 32	2°37'57	0♐17	20°57	20° 4	21°21	16° 3	2°21	23° 6	16°38	1° 7	29° 5	29°31	9°54	n.a.	M 4
T 5	10 6 28	3°36'37	12°13	22°21	21°18	21°51	16°17	2°23	23° 4	16°39	1° 9	29° 5	29°28	10° 1	n.a.	T 5
W 6	10 10 25	4°35'16	24°21	23°40	22°32	22°21	16°31	2°24	23° 1	16°40	1°10	29° 4	29°25	10° 8	n.a.	W 6
T 7	10 14 21	5°33'53	6♑47	24°54	23°46	22°52	16°45	2°26	22°59	16°41	1°11	29° 1	29°22	10°14	n.a.	T 7
F 8	10 18 18	6°32'28	19°33	26° 2	24°59	23°23	16°59	2°28	22°57	16°42	1°13	28°55	29°18	10°21	n.a.	F 8
S 9	10 22 14	7°31'01	2♒44	27° 5	26°13	23°53	17°13	2°29	22°54	16°42	1°14	28°47	29°15	10°28	n.a.	S 9
S 10	10 26 11	8°29'32	16°20	28° 3	27°26	24°24	17°27	2°30	22°52	16°43	1°16	28°37	29°12	10°34	n.a.	S 10
M11	10 30 8	9°28'01	0♓19	28°55	28°40	24°55	17°41	2°32	22°49	16°44	1°17	28°25	29° 9	10°41	n.a.	M11
T 12	10 34 4	10°26'29	14°37	29°40	29°54	25°26	17°55	2°33	22°47	16°44	1°19	28°14	29° 6	10°47	n.a.	T 12
W13	10 38 1	11°24'54	29° 9	0♈20	1♈ 7	25°58	18° 9	2°34	22°44	16°45	1°20	28° 3	29° 2	10°54	n.a.	W13
T 14	10 41 57	12°23'17	13♈46	0°54	2°21	26°29	18°23	2°35	22°42	16°45	1°21	27°55	28°59	11° 1	n.a.	T 14
F 15	10 45 54	13°21'38	28°23	1°22	3°34	27° 0	18°36	2°36	22°40	16°46	1°23	27°50	28°56	11° 7	n.a.	F 15
S 16	10 49 50	14°19'57	12♉53	1°44	4°48	27°32	18°50	2°36	22°37	16°46	1°24	27°47	28°53	11°14	n.a.	S 16
S 17	10 53 47	15°18'14	27°13	2° 1	6° 1	28° 4	19° 4	2°37	22°34	16°47	1°26	27°D46	28°50	11°21	n.a.	S 17
M18	10 57 43	16°16'28	11♊20	2°11	7°14	28°35	19°17	2°38	22°32	16°47	1°27	27°R47	28°47	11°27	n.a.	M18
T 19	11 1 40	17°14'40	25°13	2°R15	8°28	29° 7	19°31	2°38	22°29	16°48	1°29	27°47	28°43	11°34	n.a.	T 19
W20	11 5 36	18°12'51	8♋54	2°14	9°41	29°39	19°45	2°38	22°27	16°48	1°30	27°45	28°40	11°41	n.a.	W20
T 21	11 9 33	19°10'59	22°22	2° 7	10°54	0♊11	19°58	2°39	22°24	16°48	1°31	27°41	28°37	11°47	n.a.	T 21
F 22	11 13 30	20° 9'04	5♌37	1°56	12° 7	0°44	20°11	2°39	22°22	16°49	1°33	27°34	28°34	11°54	n.a.	F 22
S 23	11 17 26	21° 7'08	18°41	1°39	13°20	1°16	20°25	2°R39	22°19	16°49	1°34	27°25	28°31	12° 1	n.a.	S 23
S 24	11 21 23	22° 5'10	1♍33	1°18	14°34	1°48	20°38	2°39	22°17	16°49	1°35	27°15	28°27	12° 7	n.a.	S 24
M25	11 25 19	23° 3'10	14°13	0°53	15°47	2°21	20°51	2°39	22°14	16°49	1°37	27° 3	28°24	12°14	n.a.	M25
T 26	11 29 16	24° 1'08	26°41	0°24	17° 0	2°53	21° 5	2°39	22°12	16°50	1°38	26°52	28°21	12°21	n.a.	T 26
W27	11 33 12	24°59'04	8♎57	29♓52	18°13	3°26	21°18	2°38	22° 9	16°50	1°40	26°42	28°18	12°27	n.a.	W27
T 28	11 37 9	25°56'59	21° 2	29°18	19°26	3°58	21°31	2°38	22° 7	16°50	1°41	26°35	28°15	12°34	n.a.	T 28
F 29	11 41 5	26°54'52	2♏58	28°42	20°39	4°31	21°44	2°37	22° 4	16°50	1°42	26°30	28°12	12°41	n.a.	F 29
S 30	11 45 2	27°52'43	14°48	28° 5	21°52	5° 4	21°57	2°37	22° 1	16°50	1°44	26°27	28° 8	12°47	n.a.	S 30
S 31	11 48 58	28♓50'33	26♏35	27♓27	23♈ 4	5♊37	22♒10	2♐36	21♍59	16°R50	1♓45	26°D26	28♏ 5	12♏54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s46	12s24	2s51	4s17	1n20	6s19	0s56	19n44	1n49	17s33	1s 7	19s42	1n17	3n26	0n46	22s21	0n47	26s50	16s47	20s18	20s25	16s35		n.a.
S 2	11 25	15 47	1 56	3 27	1 32	5 48	0 55	19 52	1 49	17 29	1 7	19 42	1 17	3 27	0 46	22 22	0 47	26 50	16 47	20 17	20 24	16 37		n.a.
S 3	11 4	18 30	0 56	2 40	1 43	5 17	0 53	20 0	1 49	17 25	1 7	19 42	1 17	3 28	0 46	22 22	0 47	26 49	16 47	20 17	20 23	16 38		n.a.
M 4	10 42	20 26	0n 6	1 54	1 54	4 46	0 51	20 8	1 48	17 21	1 7	19 43	1 17	3 29	0 46	22 22	0 47	26 49	16 47	20 17	20 22	16 40		n.a.
T 5	10 21	21 29	1 9	1 10	2 5	4 15	0 49	20 16	1 48	17 16	1 7	19 43	1 17	3 30	0 46	22 22	0 47	26 48	16 47	20 17	20 22	16 41		n.a.
W 6	9 59	21 33	2 10	0 29	2 15	3 43	0 47	20 24	1 48	17 12	1 7	19 43	1 17	3 31	0 46	22 22	0 47	26 48	16 47	20 17	20 21	16 42		n.a.
T 7	9 37	20 34	3 6	0n 9	2 25	3 12	0 44	20 31	1 48	17 8	1 7	19 44	1 17	3 31	0 46	22 22	0 47	26 47	16 48	20 16	20 20	16 44		n.a.
F 8	9 15	18 31	3 54	0 45	2 34	2 40	0 42	20 39	1 47	17 4	1 7	19 44	1 17	3 32	0 46	22 22	0 47	26 47	16 48	20 15	20 20	16 45		n.a.
S 9	8 53	15 28	4 31	1 18	2 42	2 8	0 40	20 47	1 47	17 0	1 7	19 44	1 17	3 33	0 46	22 22	0 47	26 46	16 48	20 13	20 19	16 46		n.a.
S 10	8 31	11 31	4 54	1 48	2 50	1 37	0 38	20 54	1 47	16 55	1 7	19 44	1 17	3 34	0 46	22 22	0 47	26 46	16 48	20 11	20 18	16 48		n.a.
M11	8 9	6 51	5 1	2 15	2 56	1 5	0 36	21 2	1 47	16 51	1 8	19 44	1 17	3 35	0 46	22 22	0 47	26 45	16 48	20 8	20 18	16 49		n.a.
T 12	7 46	1 43	4 49	2 39	3 2	0 33	0 33	21 9	1 47	16 47	1 8	19 45	1 17	3 36	0 46	22 22	0 47	26 45	16 48	20 5	20 17	16 50		n.a.
W13	7 24	3n36	4 19	2 59	3 7	0 1	0 31	21 17	1 46	16 43	1 8	19 45	1 17	3 37	0 46	22 22	0 47	26 44	16 48	20 3	20 16	16 52		n.a.
T 14	7 1	8 45	3 31	3 16	3 10	0n31	0 28	21 24	1 46	16 38	1 8	19 45	1 17	3 38	0 46	22 22	0 47	26 44	16 48	20 1	20 15	16 53		n.a.
F 15	6 39	13 23	2 29	3 30	3 13	1 3	0 26	21 31	1 46	16 34	1 8	19 45	1 18	3 39	0 46	22 22	0 47	26 43	16 48	20 0	20 15	16 54		n.a.
S 16	6 16	17 12	1 18	3 40	3 14	1 34	0 24	21 38	1 46	16 30	1 8	19 45	1 18	3 40	0 46	22 22	0 47	26 43	16 48	19 59	20 14	16 56		n.a.
S 17	5 53	19 54	0 3	3 46	3 14	2 6	0 21	21 46	1 45	16 26	1 8	19 45	1 18	3 41	0 46	22 22	0 47	26 42	16 48	19 59	20 13	16 57		n.a.
M18	5 30	21 19	1s11	3 49	3 13	2 38	0 19	21 53	1 45	16 22	1 8	19 45	1 18	3 42	0 46	22 22	0 48	26 42	16 48	19 59	20 13	16 58		n.a.
T 19	5 7	21 24	2 20	3 49	3 10	3 10	0 16	21 59	1 45	16 17	1 9	19 45	1 18	3 43	0 46	22 22	0 48	26 41	16 48	19 59	20 12	17 0		n.a.
W20	4 44	20 12	3 20	3 45	3 7	3 41	0 13	22 6	1 45	16 13	1 9	19 45	1 18	3 44	0 46	22 22	0 48	26 41	16 48	19 59	20 11	17 1		n.a.
T 21	4 21	17 52	4 8	3 37	3 1	4 13	0 11	22 13	1 44	16 9	1 9	19 45	1 18	3 46	0 46	22 22	0 48	26 40	16 48	19 58	20 11	17 2		n.a.
F 22	3 58	14 38	4 41	3 27	2 55	4 44	0 8	22 20	1 44	16 5	1 9	19 45	1 18	3 47	0 46	22 22	0 48	26 40	16 49	19 56	20 10	17 3		n.a.
S 23	3 35	10 44	5 0	3 13	2 47	5 16	0 6	22 26	1 44	16 1	1 9	19 45	1 18	3 48	0 46	22 22	0 48	26 40	16 49	19 54	20 9	17 5		n.a.
S 24	3 11	6 24	5 2	2 56	2 38	5 47	0 3	22 33	1 44	15 56	1 9	19 45	1 18	3 49	0 46	22 22	0 48	26 39	16 49	19 52	20 8	17 6		n.a.
M25	2 48	1 52	4 50	2 36	2 27	6 18	0 0	22 39	1 43	15 52	1 9	19 45	1 18	3 50	0 46	22 22	0 48	26 39	16 49	19 49	20 8	17 7		n.a.
T 26	2 25	2s41	4 24	2 14	2 16	6 49	0n 2	22 45	1 43	15 48	1 10	19 45	1 18	3 51	0 46	22 22	0 48	26 38	16 49	19 46	20 7	17 9		n.a.
W27	2 1	7 3	3 45	1 49	2 3	7 20	0 5	22 52	1 43	15 44	1 10	19 45	1 18	3 52	0 46	22 22	0 48	26 38	16 49	19 44	20 6	17 10		n.a.
T 28	1 38	11 4	2 58	1 23	1 49	7 51	0 8	22 58	1 42	15 40	1 10	19 45	1 18	3 53	0 46	22 22	0 48	26 38	16 49	19 42	20 6	17 11		n.a.
F 29	1 15	14 37	2 2	0 55	1 35	8 21	0 10	23 4	1 42	15 36	1 10	19 45	1 18	3 54	0 46	22 22	0 48	26 37	16 49	19 41	20 5	17 12		n.a.
S 30	0 51	17 32	1 2	0 26	1 19	8 51	0 13	23 10	1 42	15 31	1 10	19 45	1 18	3 55	0 46	22 22	0 48	26 37	16 50	19 40	20 4	17 14		n.a.
S 31	0s28	19s42	0n 1	0s 4	1n 3	9n21	0n16	23n15	1n42	15s27	1s10	19s44	1n18	3n56	0n46	22s22	0n48	26s37	16s50	19s40	20s 3	17s15		n.a.

Julian Day Number = 1307288.5, Delta T = 07h44m51s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'35, Lahiri = -19°36'35 Julian Calendar 1 March 1134 BCE == Greg. Calendar 18 Feb. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

APRIL 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 52 55	29♓48'22	8♐24	26°R50	24♈17	6♊10	22♒23	2°R35	21°R56	16°R50	1♓46	26♏27	28♏ 2	13♏ 0	n.a.	M 1
T 2	11 56 52	0♈46'09	20°20	26♓14	25°30	6°43	22°36	2♐35	21♍54	16♐50	1°48	26°27	27°59	13° 7	n.a.	T 2
W 3	12 0 48	1°43'55	2♉27	25°39	26°43	7°16	22°48	2°34	21°51	16°50	1°49	26°R28	27°56	13°14	n.a.	W 3
T 4	12 4 45	2°41'40	14°51	25° 6	27°56	7°49	23° 1	2°33	21°49	16°50	1°50	26°27	27°53	13°20	n.a.	T 4
F 5	12 8 41	3°39'24	27°37	24°35	29° 8	8°23	23°14	2°31	21°46	16°49	1°51	26°24	27°49	13°27	n.a.	F 5
S 6	12 12 38	4°37'06	10♒49	24° 8	0♉21	8°56	23°26	2°30	21°44	16°49	1°53	26°20	27°46	13°34	n.a.	S 6
S 7	12 16 34	5°34'47	24°28	23°44	1°34	9°29	23°39	2°29	21°41	16°49	1°54	26°13	27°43	13°40	n.a.	S 7
M 8	12 20 31	6°32'27	8♓34	23°24	2°46	10° 3	23°51	2°27	21°39	16°49	1°55	26° 6	27°40	13°47	n.a.	M 8
T 9	12 24 27	7°30'05	23° 3	23° 8	3°59	10°37	24° 3	2°26	21°37	16°48	1°56	25°58	27°37	13°54	n.a.	T 9
W10	12 28 24	8°27'42	7♈51	22°56	5°11	11°10	24°16	2°24	21°34	16°48	1°58	25°51	27°33	14° 0	n.a.	W10
T 11	12 32 21	9°25'17	22°49	22°48	6°24	11°44	24°28	2°22	21°32	16°48	1°59	25°46	27°30	14° 7	n.a.	T 11
F 12	12 36 17	10°22'52	7♉47	22°D45	7°36	12°18	24°40	2°21	21°29	16°47	2° 0	25°43	27°27	14°14	n.a.	F 12
S 13	12 40 14	11°20'25	22°39	22°47	8°48	12°52	24°52	2°19	21°27	16°47	2° 1	25°D42	27°24	14°20	n.a.	S 13
S 14	12 44 10	12°17'56	7♊17	22°53	10° 1	13°26	25° 4	2°17	21°25	16°47	2° 2	25°42	27°21	14°27	n.a.	S 14
M15	12 48 7	13°15'26	21°37	23° 3	11°13	14° 0	25°16	2°15	21°22	16°46	2° 3	25°43	27°18	14°34	n.a.	M15
T 16	12 52 3	14°12'54	5♋37	23°19	12°25	14°34	25°28	2°13	21°20	16°46	2° 5	25°44	27°14	14°40	n.a.	T 16
W17	12 56 0	15°10'21	19°17	23°38	13°38	15° 8	25°39	2°10	21°18	16°45	2° 6	25°R44	27°11	14°47	n.a.	W17
T 18	12 59 56	16° 7'46	2♌38	24° 2	14°50	15°42	25°51	2° 8	21°16	16°44	2° 7	25°43	27° 8	14°54	n.a.	T 18
F 19	13 3 53	17° 5'10	15°42	24°30	16° 2	16°16	26° 2	2° 6	21°13	16°44	2° 8	25°40	27° 5	15° 0	n.a.	F 19
S 20	13 7 50	18° 2'32	28°30	25° 2	17°14	16°51	26°14	2° 3	21°11	16°43	2° 9	25°36	27° 2	15° 7	n.a.	S 20
S 21	13 11 46	18°59'53	11♍ 5	25°39	18°26	17°25	26°25	2° 1	21° 9	16°43	2°10	25°30	26°58	15°13	n.a.	S 21
M22	13 15 43	19°57'13	23°28	26°19	19°38	18° 0	26°37	1°58	21° 7	16°42	2°11	25°24	26°55	15°20	n.a.	M22
T 23	13 19 39	20°54'32	5♎41	27° 3	20°50	18°34	26°48	1°55	21° 5	16°41	2°12	25°18	26°52	15°27	n.a.	T 23
W24	13 23 36	21°51'50	17°44	27°51	22° 2	19° 9	26°59	1°53	21° 3	16°40	2°13	25°13	26°49	15°33	n.a.	W24
T 25	13 27 32	22°49'06	29°41	28°42	23°14	19°43	27°10	1°50	21° 1	16°40	2°14	25° 9	26°46	15°40	n.a.	T 25
F 26	13 31 29	23°46'22	11♏32	29°37	24°25	20°18	27°21	1°47	20°59	16°39	2°15	25° 6	26°43	15°47	n.a.	F 26
S 27	13 35 25	24°43'37	23°19	0♈36	25°37	20°53	27°31	1°44	20°57	16°38	2°16	25°D 5	26°39	15°53	n.a.	S 27
S 28	13 39 22	25°40'51	5♐ 7	1°38	26°49	21°28	27°42	1°41	20°55	16°37	2°17	25° 6	26°36	16° 0	n.a.	S 28
M29	13 43 19	26°38'05	16°57	2°43	28° 0	22° 3	27°53	1°38	20°53	16°36	2°18	25° 7	26°33	16° 7	n.a.	M29
T 30	13 47 15	27♈35'18	28♐54	3♈51	29♉12	22♊37	28♒ 3	1♐34	20♍51	16♐35	2♓19	25♏ 9	26♏30	16♏13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 5	21s 1	1n 4	0s34	0n47	9n51	0n19	23n21	1n41	15s23	1s10	19s44	1n18	3n57	0n46	22s22	0n48	26s36	16s50	19s40	20s 3	17s16		n.a.
T 2	0n19	21 24	2 5	1 4	0 30	10 21	0 21	23 27	1 41	15 19	1 11	19 44	1 18	3 58	0 46	22 22	0 48	26 36	16 50	19 41	20 2	17 17		n.a.
W 3	0 42	20 47	3 1	1 34	0 13	10 50	0 24	23 32	1 41	15 15	1 11	19 44	1 19	3 59	0 46	22 22	0 48	26 35	16 50	19 41	20 1	17 19		n.a.
T 4	1 5	19 10	3 51	2 2	0s 4	11 19	0 27	23 37	1 41	15 11	1 11	19 43	1 19	4 0	0 46	22 22	0 48	26 35	16 50	19 41	20 0	17 20		n.a.
F 5	1 29	16 34	4 30	2 30	0 20	11 48	0 30	23 42	1 40	15 7	1 11	19 43	1 19	4 1	0 46	22 22	0 48	26 35	16 51	19 40	20 0	17 21		n.a.
S 6	1 52	13 3	4 56	2 56	0 37	12 17	0 32	23 48	1 40	15 3	1 11	19 43	1 19	4 2	0 46	22 22	0 48	26 35	16 51	19 39	19 59	17 22		n.a.
S 7	2 15	8 45	5 7	3 20	0 53	12 45	0 35	23 53	1 40	14 59	1 11	19 43	1 19	4 3	0 46	22 22	0 48	26 34	16 51	19 37	19 58	17 23		n.a.
M 8	2 38	3 51	5 0	3 42	1 8	13 13	0 38	23 57	1 39	14 55	1 12	19 42	1 19	4 4	0 46	22 22	0 48	26 34	16 51	19 36	19 58	17 25		n.a.
T 9	3 1	1n23	4 34	4 2	1 22	13 41	0 41	24 2	1 39	14 51	1 12	19 42	1 19	4 5	0 46	22 22	0 48	26 34	16 51	19 34	19 57	17 26		n.a.
W10	3 24	6 40	3 49	4 19	1 36	14 8	0 43	24 7	1 39	14 47	1 12	19 42	1 19	4 5	0 46	22 22	0 48	26 33	16 52	19 32	19 56	17 27		n.a.
T 11	3 48	11 37	2 48	4 34	1 49	14 35	0 46	24 11	1 39	14 43	1 12	19 41	1 19	4 6	0 46	22 22	0 48	26 33	16 52	19 31	19 55	17 28		n.a.
F 12	4 10	15 50	1 35	4 47	2 2	15 2	0 49	24 15	1 38	14 39	1 12	19 41	1 19	4 7	0 46	22 22	0 48	26 33	16 52	19 30	19 55	17 30		n.a.
S 13	4 33	19 0	0 17	4 56	2 13	15 28	0 51	24 20	1 38	14 35	1 13	19 40	1 19	4 8	0 45	22 22	0 48	26 33	16 52	19 30	19 54	17 31		n.a.
S 14	4 56	20 51	1s 2	5 3	2 23	15 54	0 54	24 24	1 38	14 31	1 13	19 40	1 19	4 9	0 45	22 22	0 48	26 32	16 53	19 30	19 53	17 32		n.a.
M15	5 19	21 18	2 16	5 8	2 33	16 20	0 56	24 28	1 37	14 27	1 13	19 40	1 19	4 10	0 45	22 22	0 48	26 32	16 53	19 30	19 52	17 33		n.a.
T 16	5 42	20 23	3 20	5 10	2 41	16 45	0 59	24 31	1 37	14 23	1 13	19 39	1 19	4 11	0 45	22 22	0 48	26 32	16 53	19 30	19 52	17 34		n.a.
W17	6 4	18 17	4 10	5 9	2 49	17 10	1 2	24 35	1 37	14 19	1 13	19 39	1 19	4 12	0 45	22 22	0 48	26 32	16 53	19 30	19 51	17 35		n.a.
T 18	6 27	15 15	4 46	5 5	2 55	17 34	1 4	24 39	1 36	14 16	1 14	19 38	1 19	4 13	0 45	22 22	0 48	26 32	16 53	19 30	19 50	17 37		n.a.
F 19	6 49	11 31	5 6	4 59	3 1	17 58	1 7	24 42	1 36	14 12	1 14	19 38	1 19	4 14	0 45	22 22	0 48	26 31	16 54	19 29	19 49	17 38		n.a.
S 20	7 11	7 20	5 10	4 50	3 6	18 21	1 9	24 45	1 36	14 8	1 14	19 37	1 19	4 14	0 45	22 22	0 48	26 31	16 54	19 28	19 49	17 39		n.a.
S 21	7 33	2 55	5 0	4 39	3 10	18 44	1 11	24 48	1 36	14 4	1 14	19 37	1 19	4 15	0 45	22 21	0 48	26 31	16 54	19 27	19 48	17 40		n.a.
M22	7 55	1s34	4 35	4 26	3 13	19 7	1 14	24 51	1 35	14 1	1 14	19 36	1 19	4 16	0 45	22 21	0 48	26 31	16 55	19 25	19 47	17 41		n.a.
T 23	8 17	5 55	3 58	4 10	3 15	19 29	1 16	24 54	1 35	13 57	1 15	19 35	1 19	4 17	0 45	22 21	0 48	26 31	16 55	19 24	19 46	17 42		n.a.
W24	8 39	9 59	3 10	3 52	3 16	19 50	1 19	24 57	1 35	13 53	1 15	19 35	1 19	4 18	0 45	22 21	0 48	26 31	16 55	19 23	19 46	17 44		n.a.
T 25	9 1	13 38	2 15	3 31	3 17	20 11	1 21	24 59	1 34	13 50	1 15	19 34	1 19	4 19	0 45	22 21	0 48	26 30	16 55	19 22	19 45	17 45		n.a.
F 26	9 22	16 42	1 14	3 9	3 16	20 31	1 23	25 2	1 34	13 46	1 15	19 34	1 19	4 19	0 45	22 21	0 48	26 30	16 56	19 21	19 44	17 46		n.a.
S 27	9 44	19 4	0 10	2 44	3 15	20 51	1 25	25 4	1 34	13 42	1 15	19 33	1 19	4 20	0 45	22 21	0 48	26 30	16 56	19 21	19 43	17 47		n.a.
S 28	10 5	20 36	0n55	2 17	3 13	21 11	1 27	25 6	1 33	13 39	1 16	19 32	1 19	4 21	0 45	22 21	0 48	26 30	16 56	19 21	19 43	17 48		n.a.
M29	10 26	21 14	1 57	1 49	3 11	21 29	1 30	25 8	1 33	13 35	1 16	19 32	1 19	4 22	0 45	22 21	0 48	26 30	16 56	19 21	19 42	17 49		n.a.
T 30	10n47	20s54	2n55	1s18	3s 7	21n48	1n32	25n10	1n33	13s32	1s16	19s31	1n19	4n22	0n45	22s21	0n48	26s30	16s57	19s22	19s41	17s50		n.a.

Julian Day Number = 1307319.5, Delta T = 07h44m49s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'31, Lahiri = -19°36'31 Julian Calendar 1 Apr. 1134 BCE == Greg. Calendar 21 March 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

MAY 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 12	28♈32'30	11♉ 3	5♈ 3	0♊23	23♊12	28♒14	1°R31	20°R49	16°R35	2♓20	25♏10	26♏27	16♏20	n.a.	W 1
T 2	13 55 8	29°29'42	23°26	6°18	1°35	23°48	28°24	1♐28	20♍47	16♐34	2°21	25°11	26°24	16°27	n.a.	T 2
F 3	13 59 5	0♉26'54	6♒10	7°35	2°46	24°23	28°34	1°25	20°46	16°33	2°21	25°R11	26°20	16°33	n.a.	F 3
S 4	14 3 1	1°24'05	19°18	8°56	3°58	24°58	28°44	1°21	20°44	16°32	2°22	25°10	26°17	16°40	n.a.	S 4
S 5	14 6 58	2°21'15	2♓52	10°20	5° 9	25°33	28°54	1°18	20°42	16°31	2°23	25° 8	26°14	16°47	n.a.	S 5
M 6	14 10 54	3°18'26	16°54	11°47	6°20	26° 8	29° 4	1°14	20°40	16°30	2°24	25° 6	26°11	16°53	n.a.	M 6
T 7	14 14 51	4°15'36	1♈22	13°16	7°31	26°44	29°14	1°10	20°39	16°28	2°25	25° 3	26° 8	17° 0	n.a.	T 7
W 8	14 18 48	5°12'45	16°12	14°49	8°43	27°19	29°23	1° 7	20°37	16°27	2°26	25° 0	26° 4	17° 6	n.a.	W 8
T 9	14 22 44	6° 9'54	1♉16	16°24	9°54	27°54	29°33	1° 3	20°36	16°26	2°26	24°59	26° 1	17°13	n.a.	T 9
F 10	14 26 41	7° 7'03	16°26	18° 2	11° 5	28°30	29°42	0°59	20°34	16°25	2°27	24°58	25°58	17°20	n.a.	F 10
S 11	14 30 37	8° 4'11	1♊33	19°44	12°16	29° 5	29°51	0°55	20°33	16°24	2°28	24°D58	25°55	17°26	n.a.	S 11
S 12	14 34 34	9° 1'19	16°27	21°28	13°27	29°41	0♓ 0	0°51	20°31	16°23	2°28	24°58	25°52	17°33	n.a.	S 12
M13	14 38 30	9°58'27	1♋ 3	23°14	14°38	0♋17	0° 9	0°47	20°30	16°22	2°29	24°59	25°49	17°40	n.a.	M13
T 14	14 42 27	10°55'33	15°15	25° 4	15°48	0°52	0°18	0°43	20°29	16°20	2°30	25° 0	25°45	17°46	n.a.	T 14
W15	14 46 24	11°52'39	29° 3	26°56	16°59	1°28	0°27	0°39	20°27	16°19	2°30	25° 1	25°42	17°53	n.a.	W15
T 16	14 50 20	12°49'45	12♌26	28°50	18°10	2° 4	0°36	0°35	20°26	16°18	2°31	25°R 1	25°39	18° 0	n.a.	T 16
F 17	14 54 17	13°46'50	25°27	0♉47	19°21	2°40	0°44	0°31	20°25	16°17	2°32	25° 1	25°36	18° 6	n.a.	F 17
S 18	14 58 13	14°43'54	8♍ 8	2°46	20°31	3°16	0°52	0°27	20°24	16°15	2°32	25° 0	25°33	18°13	n.a.	S 18
S 19	15 2 10	15°40'58	20°33	4°48	21°42	3°52	1° 1	0°23	20°23	16°14	2°33	24°59	25°29	18°20	n.a.	S 19
M20	15 6 6	16°38'01	2♎45	6°51	22°52	4°28	1° 9	0°19	20°22	16°13	2°33	24°58	25°26	18°26	n.a.	M20
T 21	15 10 3	17°35'04	14°47	8°56	24° 2	5° 4	1°17	0°15	20°21	16°11	2°34	24°57	25°23	18°33	n.a.	T 21
W22	15 13 59	18°32'08	26°41	11° 3	25°13	5°40	1°25	0°10	20°20	16°10	2°34	24°56	25°20	18°40	n.a.	W22
T 23	15 17 56	19°29'10	8♏32	13°11	26°23	6°16	1°32	0° 6	20°19	16° 8	2°35	24°56	25°17	18°46	n.a.	T 23
F 24	15 21 53	20°26'13	20°19	15°20	27°33	6°52	1°40	0° 2	20°18	16° 7	2°35	24°D56	25°14	18°53	n.a.	F 24
S 25	15 25 49	21°23'16	2♐ 8	17°29	28°43	7°28	1°47	29♏57	20°17	16° 6	2°36	24°56	25°10	18°59	n.a.	S 25
S 26	15 29 46	22°20'20	13°58	19°39	29°53	8° 5	1°54	29°53	20°16	16° 4	2°36	24°56	25° 7	19° 6	n.a.	S 26
M27	15 33 42	23°17'23	25°54	21°49	1♋ 3	8°41	2° 1	29°49	20°16	16° 3	2°37	24°56	25° 4	19°13	n.a.	M27
T 28	15 37 39	24°14'26	7♑57	24° 0	2°13	9°18	2° 8	29°44	20°15	16° 1	2°37	24°56	25° 1	19°19	n.a.	T 28
W29	15 41 35	25°11'30	20°11	26° 9	3°22	9°54	2°15	29°40	20°14	16° 0	2°37	24°R56	24°58	19°26	n.a.	W29
T 30	15 45 32	26° 8'35	2♒39	28°18	4°32	10°30	2°22	29°36	20°14	15°58	2°38	24°56	24°55	19°33	n.a.	T 30
F 31	15 49 28	27♉ 5'40	15♒23	0♊27	5♋42	11♋ 7	2♓28	29♏31	20♍13	15♐57	2♓38	24♏56	24♏51	19♏39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n 8	19s36	3n47	0s46	3s 4	22n 5	1n34	25n11	1n32	13s28	1s16	19s31	1n19	4n23	0n45	22s21	0n48	26s30	16s57	19s22	19s40	17s51			n.a.
T 2	11 28	17 21	4 28	0 12	2 59	22 22	1 36	25 13	1 32	13 25	1 17	19 30	1 19	4 24	0 45	22 20	0 48	26 30	16 57	19 22	19 40	17 53			n.a.
F 3	11 49	14 13	4 58	0n24	2 54	22 39	1 37	25 14	1 32	13 22	1 17	19 29	1 19	4 24	0 45	22 20	0 48	26 30	16 58	19 22	19 39	17 54			n.a.
S 4	12 9	10 19	5 14	1 2	2 48	22 54	1 39	25 15	1 31	13 18	1 17	19 28	1 19	4 25	0 45	22 20	0 48	26 30	16 58	19 22	19 38	17 55			n.a.
S 5	12 29	5 46	5 12	1 41	2 41	23 10	1 41	25 16	1 31	13 15	1 17	19 28	1 19	4 26	0 45	22 20	0 48	26 30	16 58	19 22	19 37	17 56			n.a.
M 6	12 49	0 46	4 53	2 22	2 34	23 24	1 43	25 17	1 31	13 12	1 18	19 27	1 19	4 26	0 45	22 20	0 48	26 30	16 59	19 21	19 37	17 57			n.a.
T 7	13 9	4n26	4 14	3 5	2 27	23 38	1 44	25 18	1 30	13 9	1 18	19 26	1 19	4 27	0 45	22 20	0 48	26 30	16 59	19 20	19 36	17 58			n.a.
W 8	13 28	9 31	3 18	3 48	2 19	23 51	1 46	25 18	1 30	13 5	1 18	19 26	1 19	4 28	0 45	22 20	0 48	26 30	16 59	19 20	19 35	17 59			n.a.
T 9	13 48	14 5	2 7	4 33	2 10	24 4	1 48	25 18	1 30	13 2	1 18	19 25	1 19	4 28	0 45	22 20	0 48	26 30	17 0	19 19	19 34	18 0			n.a.
F 10	14 7	17 46	0 47	5 20	2 1	24 16	1 49	25 19	1 29	12 59	1 19	19 24	1 19	4 29	0 45	22 19	0 48	26 30	17 0	19 19	19 34	18 1			n.a.
S 11	14 25	20 13	0s36	6 7	1 51	24 27	1 50	25 19	1 29	12 56	1 19	19 23	1 19	4 29	0 45	22 19	0 48	26 30	17 0	19 19	19 33	18 2			n.a.
S 12	14 44	21 12	1 56	6 56	1 42	24 38	1 52	25 18	1 29	12 53	1 19	19 22	1 19	4 30	0 45	22 19	0 48	26 30	17 1	19 19	19 32	18 3			n.a.
M13	15 3	20 43	3 7	7 46	1 31	24 48	1 53	25 18	1 28	12 50	1 19	19 22	1 19	4 30	0 45	22 19	0 48	26 30	17 1	19 19	19 31	18 5			n.a.
T 14	15 21	18 54	4 4	8 36	1 21	24 57	1 54	25 18	1 28	12 47	1 20	19 21	1 19	4 31	0 45	22 19	0 48	26 30	17 1	19 20	19 31	18 6			n.a.
W15	15 39	16 2	4 45	9 27	1 10	25 5	1 55	25 17	1 28	12 44	1 20	19 20	1 19	4 31	0 45	22 19	0 48	26 30	17 2	19 20	19 30	18 7			n.a.
T 16	15 56	12 24	5 10	10 19	0 59	25 13	1 56	25 16	1 27	12 41	1 20	19 19	1 19	4 32	0 45	22 19	0 48	26 30	17 2	19 20	19 29	18 8			n.a.
F 17	16 14	8 16	5 17	11 11	0 48	25 20	1 57	25 15	1 27	12 38	1 20	19 18	1 19	4 32	0 44	22 19	0 48	26 30	17 2	19 20	19 28	18 9			n.a.
S 18	16 31	3 53	5 9	12 3	0 37	25 27	1 58	25 14	1 27	12 36	1 21	19 18	1 19	4 33	0 44	22 18	0 48	26 30	17 3	19 20	19 28	18 10			n.a.
S 19	16 48	0s34	4 46	12 56	0 26	25 32	1 59	25 13	1 26	12 33	1 21	19 17	1 19	4 33	0 44	22 18	0 48	26 30	17 3	19 19	19 27	18 11			n.a.
M20	17 5	4 56	4 11	13 48	0 14	25 37	1 59	25 11	1 26	12 30	1 21	19 16	1 19	4 33	0 44	22 18	0 48	26 30	17 3	19 19	19 26	18 12			n.a.
T 21	17 21	9 3	3 25	14 39	0 3	25 41	2 0	25 9	1 26	12 28	1 22	19 15	1 19	4 34	0 44	22 18	0 48	26 30	17 4	19 19	19 25	18 13			n.a.
W22	17 37	12 47	2 31	15 30	0n 8	25 45	2 1	25 8	1 25	12 25	1 22	19 14	1 19	4 34	0 44	22 18	0 48	26 31	17 4	19 19	19 24	18 14			n.a.
T 23	17 53	15 59	1 30	16 20	0 18	25 48	2 1	25 5	1 25	12 23	1 22	19 13	1 19	4 34	0 44	22 18	0 48	26 31	17 4	19 19	19 24	18 15			n.a.
F 24	18 9	18 32	0 26	17 9	0 28	25 50	2 1	25 3	1 25	12 20	1 22	19 12	1 19	4 35	0 44	22 18	0 48	26 31	17 5	19 18	19 23	18 16			n.a.
S 25	18 24	20 16	0n40	17 56	0 38	25 51	2 2	25 1	1 24	12 18	1 23	19 12	1 18	4 35	0 44	22 17	0 48	26 31	17 5	19 18	19 22	18 17			n.a.
S 26	18 39	21 8	1 44	18 42	0 48	25 52	2 2	24 58	1 24	12 15	1 23	19 11	1 18	4 35	0 44	22 17	0 48	26 31	17 5	19 19	19 21	18 18			n.a.
M27	18 54	21 2	2 44	19 26	0 57	25 51	2 2	24 56	1 24	12 13	1 23	19 10	1 18	4 36	0 44	22 17	0 48	26 31	17 6	19 19	19 21	18 19			n.a.
T 28	19 8	19 58	3 37	20 8	1 5	25 50	2 2	24 53	1 23	12 11	1 24	19 9	1 18	4 36	0 44	22 17	0 48	26 32	17 6	19 19	19 20	18 20			n.a.
W29	19 22	17 58	4 21	20 47	1 13	25 49	2 2	24 50	1 23	12 9	1 24	19 8	1 18	4 36	0 44	22 17	0 48	26 32	17 6	19 19	19 19	18 21			n.a.
T 30	19 36	15 7	4 54	21 25	1 20	25 46	2 2	24 46	1 22	12 6	1 24	19 7	1 18	4 36	0 44	22 17	0 48	26 32	17 7	19 19	19 18	18 22			n.a.
F 31	19n50	11s30	5n13	21n59	1n27	25n43	2n 1	24n43	1n22	12s 4	1s24	19s 6	1n18	4n36	0n44	22s16	0n48	26s32	17s 7	19s19	19s17	18s23			n.a.

Julian Day Number = 1307349.5, Delta T = 07h44m47s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'27, Lahiri = -19°36'27 Julian Calendar 1 May 1134 BCE == Greg. Calendar 20 Apr. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

JUNE 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 25	28♉ 2'45	28♒28	2♊34	6♋51	11♋44	2♓35	29°R27	20°R13	15°R55	2♓38	24°D56	24♏48	19♏46	n.a.	S 1
S 2	15 57 22	28°59'51	11♓56	4°40	8° 0	12°20	2°41	29♏22	20♍13	15♐54	2°38	24♏56	24°45	19°53	n.a.	S 2
M 3	16 1 18	29°56'57	25°49	6°45	9°10	12°57	2°47	29°18	20°12	15°52	2°39	24°56	24°42	19°59	n.a.	M 3
T 4	16 5 15	0♊54'04	10♈ 6	8°48	10°19	13°34	2°53	29°14	20°12	15°51	2°39	24°57	24°39	20° 6	n.a.	T 4
W 5	16 9 11	1°51'12	24°45	10°49	11°28	14°11	2°58	29° 9	20°12	15°49	2°39	24°57	24°35	20°13	n.a.	W 5
T 6	16 13 8	2°48'21	9♉41	12°50	12°37	14°47	3° 4	29° 5	20°11	15°47	2°39	24°58	24°32	20°19	n.a.	T 6
F 7	16 17 4	3°45'30	24°48	14°48	13°46	15°24	3° 9	29° 0	20°11	15°46	2°39	24°R58	24°29	20°26	n.a.	F 7
S 8	16 21 1	4°42'40	9♊56	16°45	14°55	16° 1	3°14	28°56	20°11	15°44	2°40	24°58	24°26	20°33	n.a.	S 8
S 9	16 24 58	5°39'50	24°57	18°39	16° 4	16°38	3°20	28°52	20°D11	15°43	2°40	24°57	24°23	20°39	n.a.	S 9
M10	16 28 54	6°37'01	9♋42	20°33	17°13	17°15	3°24	28°47	20°11	15°41	2°40	24°56	24°20	20°46	n.a.	M10
T 11	16 32 51	7°34'12	24° 5	22°24	18°21	17°52	3°29	28°43	20°11	15°40	2°40	24°54	24°16	20°52	n.a.	T 11
W12	16 36 47	8°31'24	8♌ 2	24°13	19°30	18°30	3°34	28°39	20°11	15°38	2°40	24°53	24°13	20°59	n.a.	W12
T 13	16 40 44	9°28'36	21°31	26° 1	20°38	19° 7	3°38	28°34	20°11	15°36	2°40	24°52	24°10	21° 6	n.a.	T 13
F 14	16 44 40	10°25'48	4♍35	27°47	21°46	19°44	3°42	28°30	20°12	15°35	2°R40	24°D51	24° 7	21°12	n.a.	F 14
S 15	16 48 37	11°23'01	17°16	29°31	22°54	20°21	3°46	28°26	20°12	15°33	2°40	24°51	24° 4	21°19	n.a.	S 15
S 16	16 52 33	12°20'14	29°38	1♋14	24° 2	20°59	3°50	28°22	20°12	15°31	2°40	24°52	24° 1	21°26	n.a.	S 16
M17	16 56 30	13°17'28	11♎44	2°54	25°10	21°36	3°53	28°17	20°13	15°30	2°40	24°53	23°57	21°32	n.a.	M17
T 18	17 0 27	14°14'43	23°41	4°33	26°18	22°13	3°57	28°13	20°13	15°28	2°40	24°55	23°54	21°39	n.a.	T 18
W19	17 4 23	15°11'58	5♏31	6°10	27°26	22°51	4° 0	28° 9	20°14	15°27	2°40	24°56	23°51	21°46	n.a.	W19
T 20	17 8 20	16° 9'14	17°18	7°45	28°33	23°28	4° 3	28° 5	20°14	15°25	2°40	24°57	23°48	21°52	n.a.	T 20
F 21	17 12 16	17° 6'31	29° 6	9°19	29°40	24° 6	4° 6	28° 1	20°15	15°23	2°39	24°R57	23°45	21°59	n.a.	F 21
S 22	17 16 13	18° 3'48	10♐58	10°50	0♑48	24°44	4° 9	27°57	20°15	15°22	2°39	24°56	23°41	22° 6	n.a.	S 22
S 23	17 20 9	19° 1'07	22°56	12°20	1°55	25°21	4°11	27°53	20°16	15°20	2°39	24°54	23°38	22°12	n.a.	S 23
M24	17 24 6	19°58'27	5♑ 1	13°48	3° 2	25°59	4°14	27°49	20°17	15°18	2°39	24°51	23°35	22°19	n.a.	M24
T 25	17 28 2	20°55'47	17°16	15°14	4° 9	26°37	4°16	27°45	20°18	15°17	2°39	24°47	23°32	22°25	n.a.	T 25
W26	17 31 59	21°53'10	29°42	16°38	5°15	27°14	4°18	27°41	20°18	15°15	2°38	24°43	23°29	22°32	n.a.	W26
T 27	17 35 56	22°50'33	12♒21	18° 1	6°22	27°52	4°19	27°38	20°19	15°14	2°38	24°38	23°26	22°39	n.a.	T 27
F 28	17 39 52	23°47'57	25°13	19°21	7°28	28°30	4°21	27°34	20°20	15°12	2°38	24°35	23°22	22°45	n.a.	F 28
S 29	17 43 49	24°45'23	8♓22	20°40	8°34	29° 8	4°22	27°30	20°21	15°10	2°37	24°33	23°19	22°52	n.a.	S 29
S 30	17 47 45	25♊42'51	21♓48	21♋56	9♌40	29♋46	4♓24	27♏27	20♍22	15♐ 9	2♓37	24°D32	23♏16	22♏59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 3	7s14	5n17	22n32	1n33	25n40	2n 1	24n39	1n22	12s 2	1s25	19s 5	1n18	4n36	0n44	22s16	0n48	26s32	17s 8	19s19	19s17	18s24		n.a.
S 2	20 16	2 31	5 4	23 1	1 38	25 35	2 0	24 36	1 21	12 0	1 25	19 5	1 18	4 37	0 44	22 16	0 48	26 33	17 8	19 19	19 16	18 25		n.a.
M 3	20 28	2n28	4 33	23 28	1 42	25 30	2 0	24 32	1 21	11 58	1 25	19 4	1 18	4 37	0 44	22 16	0 48	26 33	17 8	19 19	19 15	18 26		n.a.
T 4	20 40	7 29	3 44	23 52	1 46	25 24	1 59	24 28	1 21	11 56	1 26	19 3	1 18	4 37	0 44	22 16	0 48	26 33	17 9	19 19	19 14	18 27		n.a.
W 5	20 52	12 13	2 40	24 14	1 49	25 17	1 58	24 23	1 20	11 55	1 26	19 2	1 18	4 37	0 44	22 16	0 48	26 33	17 9	19 19	19 13	18 28		n.a.
T 6	21 4	16 16	1 24	24 33	1 52	25 10	1 57	24 19	1 20	11 53	1 26	19 1	1 18	4 37	0 44	22 16	0 48	26 34	17 9	19 19	19 13	18 29		n.a.
F 7	21 15	19 17	0 1	24 49	1 54	25 2	1 56	24 14	1 19	11 51	1 27	19 0	1 18	4 37	0 44	22 15	0 48	26 34	17 10	19 19	19 12	18 30		n.a.
S 8	21 25	20 57	1s22	25 3	1 55	24 53	1 55	24 9	1 19	11 50	1 27	18 59	1 17	4 37	0 44	22 15	0 48	26 34	17 10	19 19	19 11	18 31		n.a.
S 9	21 36	21 5	2 39	25 15	1 55	24 44	1 54	24 4	1 19	11 48	1 27	18 58	1 17	4 37	0 44	22 15	0 48	26 35	17 11	19 19	19 10	18 32		n.a.
M10	21 46	19 45	3 44	25 24	1 55	24 34	1 53	23 59	1 18	11 47	1 28	18 58	1 17	4 37	0 44	22 15	0 48	26 35	17 11	19 19	19 10	18 33		n.a.
T 11	21 56	17 10	4 32	25 30	1 54	24 23	1 51	23 54	1 18	11 45	1 28	18 57	1 17	4 37	0 43	22 15	0 48	26 35	17 11	19 18	19 9	18 34		n.a.
W12	22 5	13 40	5 3	25 35	1 53	24 12	1 50	23 48	1 18	11 44	1 28	18 56	1 17	4 37	0 43	22 15	0 48	26 35	17 12	19 18	19 8	18 34		n.a.
T 13	22 14	9 34	5 16	25 37	1 51	24 0	1 48	23 43	1 17	11 43	1 29	18 55	1 17	4 37	0 43	22 14	0 48	26 36	17 12	19 18	19 7	18 35		n.a.
F 14	22 22	5 9	5 12	25 37	1 48	23 47	1 47	23 37	1 17	11 41	1 29	18 54	1 17	4 36	0 43	22 14	0 48	26 36	17 12	19 17	19 6	18 36		n.a.
S 15	22 31	0 37	4 53	25 35	1 45	23 34	1 45	23 31	1 16	11 40	1 29	18 53	1 17	4 36	0 43	22 14	0 48	26 37	17 13	19 17	19 6	18 37		n.a.
S 16	22 38	3s49	4 21	25 31	1 42	23 20	1 43	23 25	1 16	11 39	1 30	18 52	1 17	4 36	0 43	22 14	0 48	26 37	17 13	19 18	19 5	18 38		n.a.
M17	22 46	8 2	3 37	25 25	1 38	23 6	1 41	23 18	1 16	11 38	1 30	18 52	1 16	4 36	0 43	22 14	0 48	26 37	17 13	19 18	19 4	18 39		n.a.
T 18	22 53	11 53	2 44	25 18	1 33	22 51	1 39	23 12	1 15	11 37	1 30	18 51	1 16	4 36	0 43	22 14	0 48	26 38	17 14	19 18	19 3	18 40		n.a.
W19	22 59	15 13	1 45	25 9	1 28	22 35	1 36	23 5	1 15	11 36	1 31	18 50	1 16	4 35	0 43	22 13	0 48	26 38	17 14	19 19	19 2	18 41		n.a.
T 20	23 6	17 57	0 42	24 58	1 23	22 19	1 34	22 58	1 14	11 35	1 31	18 49	1 16	4 35	0 43	22 13	0 48	26 38	17 15	19 19	19 2	18 42		n.a.
F 21	23 11	19 55	0n23	24 46	1 17	22 2	1 31	22 51	1 14	11 35	1 31	18 48	1 16	4 35	0 43	22 13	0 48	26 39	17 15	19 19	19 1	18 43		n.a.
S 22	23 17	21 1	1 27	24 33	1 10	21 45	1 29	22 44	1 14	11 34	1 32	18 48	1 16	4 35	0 43	22 13	0 48	26 39	17 15	19 19	19 0	18 44		n.a.
S 23	23 22	21 10	2 28	24 18	1 4	21 27	1 26	22 37	1 13	11 33	1 32	18 47	1 16	4 34	0 43	22 13	0 48	26 40	17 16	19 18	18 59	18 44		n.a.
M24	23 27	20 21	3 23	24 2	0 57	21 9	1 23	22 29	1 13	11 33	1 32	18 46	1 16	4 34	0 43	22 13	0 48	26 40	17 16	19 17	18 58	18 45		n.a.
T 25	23 31	18 34	4 9	23 45	0 49	20 50	1 20	22 21	1 12	11 32	1 33	18 45	1 15	4 34	0 43	22 12	0 48	26 40	17 16	19 16	18 58	18 46		n.a.
W26	23 34	15 55	4 44	23 27	0 41	20 31	1 17	22 14	1 12	11 32	1 33	18 45	1 15	4 33	0 43	22 12	0 48	26 41	17 17	19 15	18 57	18 47		n.a.
T 27	23 38	12 29	5 6	23 9	0 33	20 11	1 14	22 5	1 12	11 31	1 33	18 44	1 15	4 33	0 43	22 12	0 48	26 41	17 17	19 14	18 56	18 48		n.a.
F 28	23 41	8 24	5 13	22 49	0 25	19 50	1 11	21 57	1 11	11 31	1 34	18 43	1 15	4 32	0 43	22 12	0 48	26 42	17 17	19 13	18 55	18 49		n.a.
S 29	23 43	3 52	5 4	22 28	0 16	19 30	1 7	21 49	1 11	11 31	1 34	18 42	1 15	4 32	0 43	22 12	0 48	26 42	17 18	19 13	18 54	18 50		n.a.
S 30	23n45	0n57	4n39	22n 7	0n 7	19n 9	1n 4	21n40	1n10	11s31	1s34	18s42	1n15	4n32	0n43	22s12	0n48	26s42	17s18	19s12	18s53	18s51		n.a.

Julian Day Number = 1307380.5, Delta T = 07h44m46s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'23, Lahiri = -19°36'22 Julian Calendar 1 June 1134 BCE == Greg. Calendar 21 May 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

JULY 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 51 42	26♊40'20	5♈33	23♋11	10♌46	0♌24	4♓25	27°R23	20♍23	15°R 7	2°R37	24♏32	23♏13	23♏ 5	n.a.	M 1
T 2	17 55 38	27°37'50	19°37	24°23	11°52	1° 2	4°25	27♏20	20°24	15♐ 6	2♓36	24°33	23°10	23°12	n.a.	T 2
W 3	17 59 35	28°35'22	3♉59	25°33	12°57	1°40	4°26	27°16	20°26	15° 4	2°36	24°34	23° 7	23°19	n.a.	W 3
T 4	18 3 31	29°32'56	18°38	26°41	14° 3	2°19	4°26	27°13	20°27	15° 3	2°36	24°R35	23° 3	23°25	n.a.	T 4
F 5	18 7 28	0♋30'32	3♊28	27°46	15° 8	2°57	4°R26	27° 9	20°28	15° 1	2°35	24°35	23° 0	23°32	n.a.	F 5
S 6	18 11 25	1°28'09	18°23	28°49	16°13	3°35	4°26	27° 6	20°30	14°59	2°35	24°33	22°57	23°39	n.a.	S 6
S 7	18 15 21	2°25'47	3♋16	29°49	17°18	4°14	4°26	27° 3	20°31	14°58	2°34	24°30	22°54	23°45	n.a.	S 7
M 8	18 19 18	3°23'27	17°58	0♌47	18°22	4°52	4°26	27° 0	20°32	14°56	2°34	24°25	22°51	23°52	n.a.	M 8
T 9	18 23 14	4°21'08	2♌22	1°41	19°27	5°30	4°25	26°57	20°34	14°55	2°33	24°19	22°47	23°59	n.a.	T 9
W10	18 27 11	5°18'51	16°23	2°33	20°31	6° 9	4°24	26°54	20°36	14°53	2°33	24°12	22°44	24° 5	n.a.	W10
T 11	18 31 7	6°16'35	29°57	3°22	21°35	6°48	4°23	26°51	20°37	14°52	2°32	24° 7	22°41	24°12	n.a.	T 11
F 12	18 35 4	7°14'20	13♍ 4	4° 7	22°39	7°26	4°22	26°48	20°39	14°50	2°32	24° 3	22°38	24°18	n.a.	F 12
S 13	18 39 1	8°12'06	25°47	4°48	23°42	8° 5	4°21	26°45	20°40	14°49	2°31	24° 0	22°35	24°25	n.a.	S 13
S 14	18 42 57	9° 9'54	8♎10	5°26	24°45	8°43	4°19	26°43	20°42	14°48	2°30	23°D59	22°32	24°32	n.a.	S 14
M15	18 46 54	10° 7'43	20°16	6° 0	25°49	9°22	4°17	26°40	20°44	14°46	2°30	24° 0	22°28	24°38	n.a.	M15
T 16	18 50 50	11° 5'33	2♏10	6°29	26°51	10° 1	4°15	26°38	20°46	14°45	2°29	24° 1	22°25	24°45	n.a.	T 16
W17	18 54 47	12° 3'25	13°59	6°54	27°54	10°40	4°13	26°35	20°48	14°43	2°28	24° 2	22°22	24°52	n.a.	W17
T 18	18 58 43	13° 1'18	25°47	7°14	28°56	11°19	4°11	26°33	20°50	14°42	2°28	24°R 3	22°19	24°58	n.a.	T 18
F 19	19 2 40	13°59'13	7♐37	7°30	29°58	11°58	4° 8	26°30	20°52	14°40	2°27	24° 2	22°16	25° 5	n.a.	F 19
S 20	19 6 36	14°57'10	19°35	7°40	1♍ 0	12°37	4° 5	26°28	20°54	14°39	2°26	23°58	22°13	25°12	n.a.	S 20
S 21	19 10 33	15°55'08	1♑42	7°R45	2° 1	13°16	4° 2	26°26	20°56	14°38	2°26	23°53	22° 9	25°18	n.a.	S 21
M22	19 14 30	16°53'08	14° 0	7°43	3° 2	13°55	3°59	26°24	20°58	14°36	2°25	23°46	22° 6	25°25	n.a.	M22
T 23	19 18 26	17°51'09	26°31	7°36	4° 3	14°34	3°56	26°22	21° 0	14°35	2°24	23°36	22° 3	25°32	n.a.	T 23
W24	19 22 23	18°49'13	9♒15	7°23	5° 3	15°13	3°53	26°20	21° 2	14°34	2°23	23°27	22° 0	25°38	n.a.	W24
T 25	19 26 19	19°47'18	22°12	7° 4	6° 3	15°52	3°49	26°19	21° 4	14°33	2°22	23°17	21°57	25°45	n.a.	T 25
F 26	19 30 16	20°45'25	5♓22	6°39	7° 3	16°32	3°45	26°17	21° 7	14°31	2°22	23° 9	21°53	25°52	n.a.	F 26
S 27	19 34 12	21°43'34	18°43	6° 7	8° 2	17°11	3°41	26°15	21° 9	14°30	2°21	23° 2	21°50	25°58	n.a.	S 27
S 28	19 38 9	22°41'46	2♈16	5°30	9° 1	17°50	3°37	26°14	21°11	14°29	2°20	22°58	21°47	26° 5	n.a.	S 28
M29	19 42 5	23°39'59	16° 1	4°47	10° 0	18°30	3°32	26°12	21°14	14°28	2°19	22°56	21°44	26°11	n.a.	M29
T 30	19 46 2	24°38'15	29°58	3°58	10°58	19° 9	3°28	26°11	21°16	14°27	2°18	22°D56	21°41	26°18	n.a.	T 30
W31	19 49 58	25♋36'33	14♉ 7	3♌ 6	11♍56	19♌49	3♓23	26♏10	21♍19	14♐26	2♓17	22♏57	21♏38	26♏25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n47	5n51	3n57	21n46	0s 2	18n47	1n 0	21n32	1n10	11s31	1s35	18s41	1n15	4n31	0n43	22s11	0n48	26s43	17s18	19s13	18s53	18s51			n.a.
T 2	23 48	10 33	3 0	21 24	0 12	18 25	0 57	21 23	1 9	11 31	1 35	18 40	1 14	4 31	0 43	22 11	0 48	26 43	17 19	19 13	18 52	18 52			n.a.
W 3	23 49	14 47	1 50	21 1	0 22	18 2	0 53	21 14	1 9	11 31	1 35	18 40	1 14	4 30	0 43	22 11	0 48	26 44	17 19	19 13	18 51	18 53			n.a.
T 4	23 50	18 10	0 33	20 38	0 32	17 40	0 49	21 5	1 9	11 31	1 36	18 39	1 14	4 30	0 42	22 11	0 48	26 44	17 19	19 13	18 50	18 54			n.a.
F 5	23 50	20 24	0s48	20 15	0 42	17 16	0 45	20 55	1 8	11 31	1 36	18 38	1 14	4 29	0 42	22 11	0 48	26 45	17 20	19 13	18 49	18 55			n.a.
S 6	23 49	21 13	2 6	19 52	0 53	16 53	0 41	20 46	1 8	11 32	1 36	18 38	1 14	4 28	0 42	22 11	0 48	26 45	17 20	19 13	18 49	18 56			n.a.
S 7	23 48	20 32	3 15	19 29	1 4	16 29	0 36	20 36	1 7	11 32	1 37	18 37	1 14	4 28	0 42	22 10	0 48	26 46	17 20	19 12	18 48	18 56			n.a.
M 8	23 47	18 28	4 10	19 6	1 15	16 4	0 32	20 26	1 7	11 32	1 37	18 37	1 14	4 27	0 42	22 10	0 48	26 46	17 21	19 11	18 47	18 57			n.a.
T 9	23 45	15 17	4 48	18 43	1 26	15 40	0 28	20 16	1 6	11 33	1 37	18 36	1 13	4 27	0 42	22 10	0 48	26 47	17 21	19 9	18 46	18 58			n.a.
W10	23 43	11 18	5 7	18 20	1 37	15 15	0 23	20 6	1 6	11 34	1 38	18 36	1 13	4 26	0 42	22 10	0 48	26 47	17 21	19 8	18 45	18 59			n.a.
T 11	23 41	6 52	5 9	17 58	1 48	14 50	0 18	19 56	1 6	11 34	1 38	18 35	1 13	4 25	0 42	22 10	0 48	26 48	17 22	19 6	18 45	19 0			n.a.
F 12	23 38	2 15	4 53	17 37	1 59	14 24	0 14	19 46	1 5	11 35	1 38	18 35	1 13	4 25	0 42	22 10	0 48	26 48	17 22	19 5	18 44	19 0			n.a.
S 13	23 34	2s20	4 24	17 16	2 11	13 58	0 9	19 35	1 5	11 36	1 39	18 34	1 13	4 24	0 42	22 10	0 48	26 49	17 22	19 5	18 43	19 1			n.a.
S 14	23 30	6 41	3 43	16 56	2 22	13 32	0 4	19 24	1 4	11 37	1 39	18 34	1 13	4 23	0 42	22 9	0 48	26 49	17 23	19 4	18 42	19 2			n.a.
M15	23 26	10 42	2 53	16 37	2 33	13 6	0s 1	19 13	1 4	11 38	1 39	18 33	1 12	4 22	0 42	22 9	0 48	26 50	17 23	19 5	18 41	19 3			n.a.
T 16	23 21	14 14	1 56	16 18	2 44	12 39	0 7	19 2	1 3	11 39	1 40	18 33	1 12	4 22	0 42	22 9	0 48	26 50	17 23	19 5	18 40	19 4			n.a.
W17	23 16	17 9	0 54	16 1	2 55	12 13	0 12	18 51	1 3	11 40	1 40	18 32	1 12	4 21	0 42	22 9	0 47	26 51	17 24	19 5	18 40	19 4			n.a.
T 18	23 11	19 22	0n 9	15 46	3 6	11 46	0 17	18 40	1 2	11 41	1 40	18 32	1 12	4 20	0 42	22 9	0 47	26 51	17 24	19 5	18 39	19 5			n.a.
F 19	23 5	20 44	1 13	15 32	3 16	11 19	0 23	18 28	1 2	11 42	1 40	18 32	1 12	4 19	0 42	22 9	0 47	26 52	17 24	19 5	18 38	19 6			n.a.
S 20	22 58	21 12	2 13	15 20	3 26	10 51	0 28	18 17	1 2	11 44	1 41	18 31	1 12	4 18	0 42	22 9	0 47	26 52	17 24	19 4	18 37	19 7			n.a.
S 21	22 52	20 41	3 8	15 9	3 36	10 24	0 34	18 5	1 1	11 45	1 41	18 31	1 11	4 17	0 42	22 9	0 47	26 53	17 25	19 3	18 36	19 8			n.a.
M22	22 44	19 10	3 56	15 1	3 45	9 56	0 40	17 53	1 1	11 46	1 41	18 31	1 11	4 17	0 42	22 8	0 47	26 54	17 25	19 1	18 35	19 8			n.a.
T 23	22 37	16 44	4 32	14 55	3 53	9 28	0 46	17 41	1 0	11 48	1 42	18 30	1 11	4 16	0 42	22 8	0 47	26 54	17 25	18 59	18 35	19 9			n.a.
W24	22 29	13 28	4 56	14 51	4 1	9 1	0 52	17 29	1 0	11 50	1 42	18 30	1 11	4 15	0 42	22 8	0 47	26 55	17 26	18 56	18 34	19 10			n.a.
T 25	22 21	9 32	5 5	14 49	4 7	8 33	0 58	17 17	0 59	11 51	1 42	18 30	1 11	4 14	0 42	22 8	0 47	26 55	17 26	18 54	18 33	19 11			n.a.
F 26	22 12	5 5	4 58	14 50	4 13	8 5	1 4	17 4	0 59	11 53	1 43	18 30	1 11	4 13	0 42	22 8	0 47	26 56	17 26	18 52	18 32	19 11			n.a.
S 27	22 3	0 19	4 35	14 54	4 17	7 36	1 10	16 52	0 58	11 55	1 43	18 29	1 10	4 12	0 42	22 8	0 47	26 56	17 26	18 50	18 31	19 12			n.a.
S 28	21 53	4n32	3 57	15 1	4 19	7 8	1 17	16 39	0 58	11 57	1 43	18 29	1 10	4 11	0 42	22 8	0 47	26 57	17 27	18 49	18 30	19 13			n.a.
M29	21 43	9 13	3 4	15 10	4 20	6 40	1 23	16 26	0 57	11 58	1 43	18 29	1 10	4 10	0 41	22 8	0 47	26 57	17 27	18 48	18 30	19 13			n.a.
T 30	21 33	13 30	2 0	15 22	4 20	6 12	1 30	16 13	0 57	12 0	1 44	18 29	1 10	4 9	0 41	22 7	0 47	26 58	17 27	18 48	18 29	19 14			n.a.
W31	21n22	17n 5	0n47	15n37	4s17	5n43	1s36	16n 0	0n56	12s 2	1s44	18s29	1n10	4n 8	0n41	22s 7	0n47	26s58	17s27	18s49	18s28	19s15			n.a.

Julian Day Number = 1307410.5, Delta T = 07h44m44s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'19, Lahiri = -19°36'18 Julian Calendar 1 July 1134 BCE == Greg. Calendar 20 June 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

AUGUST 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 55	26♋34'54	28♉26	2°R10	12♍53	20♌29	3°R18	26°R 9	21♍21	14°R24	2°R16	22°R57	21♏34	26♏31	n.a.	T 1
F 2	19 57 52	27°33'16	12♊54	1♌11	13°50	21° 8	3♓13	26♏ 8	21°24	14♐23	2♓15	22♏55	21°31	26°38	n.a.	F 2
S 3	20 1 48	28°31'41	27°26	0°11	14°47	21°48	3° 7	26° 7	21°26	14°22	2°15	22°51	21°28	26°45	n.a.	S 3
S 4	20 5 45	29°30'08	11♋59	29♋10	15°43	22°28	3° 2	26° 6	21°29	14°21	2°14	22°45	21°25	26°51	n.a.	S 4
M 5	20 9 41	0♌28'38	26°24	28°11	16°39	23° 8	2°56	26° 5	21°32	14°20	2°13	22°36	21°22	26°58	n.a.	M 5
T 6	20 13 38	1°27'09	10♌36	27°15	17°34	23°47	2°51	26° 5	21°34	14°19	2°12	22°25	21°19	27° 5	n.a.	T 6
W 7	20 17 34	2°25'42	24°30	26°23	18°28	24°27	2°45	26° 4	21°37	14°18	2°11	22°14	21°15	27°11	n.a.	W 7
T 8	20 21 31	3°24'17	8♍ 0	25°36	19°22	25° 7	2°39	26° 4	21°40	14°17	2°10	22° 4	21°12	27°18	n.a.	T 8
F 9	20 25 27	4°22'54	21° 7	24°55	20°16	25°47	2°33	26° 3	21°43	14°16	2° 9	21°55	21° 9	27°25	n.a.	F 9
S 10	20 29 24	5°21'33	3♎50	24°22	21° 9	26°27	2°26	26° 3	21°46	14°16	2° 8	21°48	21° 6	27°31	n.a.	S 10
S 11	20 33 21	6°20'13	16°13	23°58	22° 1	27° 8	2°20	26° 3	21°49	14°15	2° 7	21°44	21° 3	27°38	n.a.	S 11
M12	20 37 17	7°18'56	28°20	23°42	22°53	27°48	2°13	26°D 3	21°52	14°14	2° 6	21°43	20°59	27°45	n.a.	M12
T 13	20 41 14	8°17'40	10♏15	23°D36	23°44	28°28	2° 7	26° 3	21°55	14°13	2° 4	21°D42	20°56	27°51	n.a.	T 13
W14	20 45 10	9°16'27	22° 4	23°39	24°34	29° 8	2° 0	26° 3	21°58	14°12	2° 3	21°R43	20°53	27°58	n.a.	W14
T 15	20 49 7	10°15'15	3♐52	23°53	25°24	29°49	1°53	26° 3	22° 1	14°12	2° 2	21°42	20°50	28° 4	n.a.	T 15
F 16	20 53 3	11°14'05	15°45	24°16	26°13	0♍29	1°46	26° 4	22° 4	14°11	2° 1	21°40	20°47	28°11	n.a.	F 16
S 17	20 57 0	12°12'57	27°47	24°48	27° 1	1° 9	1°39	26° 4	22° 7	14°10	2° 0	21°35	20°44	28°18	n.a.	S 17
S 18	21 0 56	13°11'51	10♑ 3	25°29	27°48	1°50	1°31	26° 5	22°10	14°10	1°59	21°28	20°40	28°24	n.a.	S 18
M19	21 4 53	14°10'47	22°34	26°19	28°35	2°30	1°24	26° 5	22°13	14° 9	1°58	21°18	20°37	28°31	n.a.	M19
T 20	21 8 49	15° 9'45	5♒21	27°16	29°20	3°11	1°17	26° 6	22°16	14° 8	1°57	21° 6	20°34	28°38	n.a.	T 20
W21	21 12 46	16° 8'45	18°26	28°21	0♎ 5	3°52	1° 9	26° 7	22°19	14° 8	1°56	20°53	20°31	28°44	n.a.	W21
T 22	21 16 43	17° 7'47	1♓46	29°33	0°49	4°32	1° 1	26° 8	22°23	14° 7	1°55	20°40	20°28	28°51	n.a.	T 22
F 23	21 20 39	18° 6'52	15°19	0♌50	1°32	5°13	0°54	26° 9	22°26	14° 7	1°54	20°29	20°24	28°58	n.a.	F 23
S 24	21 24 36	19° 5'58	29° 3	2°12	2°14	5°54	0°46	26°10	22°29	14° 6	1°52	20°20	20°21	29° 4	n.a.	S 24
S 25	21 28 32	20° 5'08	12♈54	3°39	2°54	6°35	0°38	26°11	22°33	14° 6	1°51	20°14	20°18	29°11	n.a.	S 25
M26	21 32 29	21° 4'19	26°50	5°10	3°34	7°16	0°30	26°12	22°36	14° 6	1°50	20°11	20°15	29°18	n.a.	M26
T 27	21 36 25	22° 3'33	10♉52	6°45	4°13	7°57	0°22	26°14	22°39	14° 5	1°49	20°10	20°12	29°24	n.a.	T 27
W28	21 40 22	23° 2'50	24°56	8°22	4°50	8°38	0°15	26°15	22°43	14° 5	1°48	20° 9	20° 9	29°31	n.a.	W28
T 29	21 44 18	24° 2'09	9♊ 3	10° 1	5°26	9°19	0° 7	26°17	22°46	14° 5	1°47	20° 9	20° 5	29°38	n.a.	T 29
F 30	21 48 15	25° 1'31	23°12	11°42	6° 1	10° 0	29♒59	26°19	22°49	14° 4	1°45	20° 7	20° 2	29°44	n.a.	F 30
S 31	21 52 12	26♌ 0'55	7♋21	13♌25	6♎35	10♍41	29♒50	26♏21	22♍53	14♐ 4	1♓44	20♏ 2	19♏59	29♏51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n11	19n39	0s29	15n54	4s13	5n15	1s43	15n47	0n56	12s 4	1s44	18s29	1n 9	4n 7	0n41	22s 7	0n47	26s59	17s27	18s49	18s27	19s16			n.a.
F 2	20 59	20 59	1 44	16 13	4 6	4 46	1 50	15 33	0 55	12 7	1 45	18 29	1 9	4 6	0 41	22 7	0 47	27 0	17 28	18 48	18 26	19 16			n.a.
S 3	20 47	20 55	2 53	16 34	3 58	4 18	1 56	15 20	0 55	12 9	1 45	18 29	1 9	4 5	0 41	22 7	0 47	27 0	17 28	18 47	18 25	19 17			n.a.
S 4	20 35	19 28	3 50	16 57	3 47	3 50	2 3	15 6	0 54	12 11	1 45	18 29	1 9	4 4	0 41	22 7	0 47	27 1	17 28	18 45	18 25	19 18			n.a.
M 5	20 23	16 46	4 32	17 21	3 35	3 22	2 10	14 53	0 54	12 13	1 45	18 29	1 9	4 3	0 41	22 7	0 47	27 1	17 28	18 43	18 24	19 18			n.a.
T 6	20 10	13 7	4 56	17 46	3 21	2 53	2 17	14 39	0 53	12 16	1 46	18 29	1 8	4 1	0 41	22 7	0 47	27 2	17 29	18 40	18 23	19 19			n.a.
W 7	19 56	8 49	5 2	18 11	3 5	2 25	2 25	14 25	0 53	12 18	1 46	18 29	1 8	4 0	0 41	22 7	0 47	27 2	17 29	18 37	18 22	19 20			n.a.
T 8	19 43	4 13	4 51	18 37	2 48	1 57	2 32	14 11	0 52	12 20	1 46	18 29	1 8	3 59	0 41	22 7	0 47	27 3	17 29	18 35	18 21	19 20			n.a.
F 9	19 29	0s28	4 25	19 1	2 31	1 29	2 39	13 57	0 52	12 23	1 46	18 29	1 8	3 58	0 41	22 7	0 47	27 3	17 29	18 32	18 20	19 21			n.a.
S 10	19 14	4 59	3 46	19 25	2 12	1 1	2 46	13 42	0 51	12 25	1 46	18 29	1 8	3 57	0 41	22 7	0 47	27 4	17 29	18 31	18 19	19 22			n.a.
S 11	19 0	9 12	2 57	19 48	1 53	0 34	2 54	13 28	0 51	12 28	1 47	18 29	1 8	3 56	0 41	22 6	0 47	27 5	17 29	18 30	18 19	19 23			n.a.
M12	18 44	12 56	2 1	20 10	1 34	0 6	3 1	13 13	0 50	12 31	1 47	18 29	1 7	3 54	0 41	22 6	0 47	27 5	17 30	18 29	18 18	19 23			n.a.
T 13	18 29	16 5	1 1	20 30	1 15	0s21	3 9	12 59	0 50	12 33	1 47	18 30	1 7	3 53	0 41	22 6	0 47	27 6	17 30	18 29	18 17	19 24			n.a.
W14	18 13	18 33	0n 2	20 47	0 57	0 48	3 16	12 44	0 49	12 36	1 47	18 30	1 7	3 52	0 41	22 6	0 47	27 6	17 30	18 29	18 16	19 25			n.a.
T 15	17 57	20 13	1 4	21 3	0 38	1 15	3 24	12 29	0 49	12 39	1 47	18 30	1 7	3 51	0 41	22 6	0 47	27 7	17 30	18 29	18 15	19 25			n.a.
F 16	17 41	21 0	2 4	21 16	0 21	1 42	3 31	12 14	0 48	12 41	1 48	18 30	1 7	3 49	0 41	22 6	0 47	27 7	17 30	18 28	18 14	19 26			n.a.
S 17	17 25	20 50	2 59	21 27	0 4	2 8	3 39	11 59	0 48	12 44	1 48	18 31	1 6	3 48	0 41	22 6	0 47	27 8	17 30	18 27	18 13	19 26			n.a.
S 18	17 8	19 41	3 46	21 34	0n11	2 34	3 47	11 44	0 47	12 47	1 48	18 31	1 6	3 47	0 41	22 6	0 47	27 8	17 30	18 25	18 13	19 27			n.a.
M19	16 51	17 34	4 24	21 39	0 26	3 0	3 55	11 29	0 47	12 50	1 48	18 31	1 6	3 46	0 41	22 6	0 46	27 9	17 31	18 23	18 12	19 28			n.a.
T 20	16 33	14 34	4 49	21 41	0 39	3 26	4 2	11 13	0 46	12 53	1 48	18 32	1 6	3 44	0 41	22 6	0 46	27 9	17 31	18 20	18 11	19 28			n.a.
W21	16 15	10 48	5 0	21 40	0 52	3 51	4 10	10 58	0 46	12 55	1 48	18 32	1 6	3 43	0 41	22 6	0 46	27 10	17 31	18 16	18 10	19 29			n.a.
T 22	15 57	6 26	4 55	21 36	1 3	4 16	4 18	10 42	0 45	12 58	1 48	18 32	1 6	3 42	0 41	22 6	0 46	27 10	17 31	18 13	18 9	19 30			n.a.
F 23	15 39	1 41	4 33	21 29	1 13	4 40	4 26	10 27	0 45	13 1	1 49	18 33	1 5	3 40	0 41	22 6	0 46	27 11	17 31	18 10	18 8	19 30			n.a.
S 24	15 20	3n12	3 55	21 19	1 22	5 4	4 34	10 11	0 44	13 4	1 49	18 33	1 5	3 39	0 41	22 6	0 46	27 11	17 31	18 7	18 7	19 31			n.a.
S 25	15 1	7 59	3 3	21 6	1 29	5 28	4 42	9 55	0 44	13 7	1 49	18 34	1 5	3 38	0 41	22 6	0 46	27 12	17 31	18 5	18 7	19 31			n.a.
M26	14 42	12 22	2 0	20 50	1 36	5 51	4 49	9 39	0 43	13 10	1 49	18 34	1 5	3 36	0 41	22 6	0 46	27 12	17 31	18 5	18 6	19 32			n.a.
T 27	14 23	16 6	0 49	20 31	1 41	6 14	4 57	9 23	0 43	13 13	1 49	18 35	1 5	3 35	0 41	22 6	0 46	27 13	17 31	18 4	18 5	19 33			n.a.
W28	14 3	18 54	0s25	20 10	1 46	6 36	5 5	9 7	0 42	13 16	1 49	18 35	1 4	3 34	0 41	22 6	0 46	27 13	17 31	18 4	18 4	19 33			n.a.
T 29	13 43	20 33	1 38	19 46	1 49	6 58	5 13	8 51	0 42	13 19	1 49	18 36	1 4	3 32	0 41	22 6	0 46	27 14	17 31	18 4	18 3	19 34			n.a.
F 30	13 23	20 54	2 45	19 20	1 52	7 19	5 21	8 35	0 41	13 22	1 49	18 36	1 4	3 31	0 41	22 6	0 46	27 14	17 31	18 4	18 2	19 34			n.a.
S 31	13n 3	19n56	3s42	18n52	1n53	7s40	5s28	8n18	0n41	13s25	1s49	18s37	1n 4	3n29	0n41	22s 6	0n46	27s15	17s31	18s 2	18s 1	19s35			n.a.

Julian Day Number = 1307441.5, Delta T = 07h44m43s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'15, Lahiri = -19°36'14 Julian Calendar 1 Aug. 1134 BCE == Greg. Calendar 21 July 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

SEPTEMBER 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 8	27♌ 0'22	21♋27	15♌ 9	7♎ 7	11♍22	29°R42	26♏22	22♍56	14°R 4	1°R43	19°R55	19♏56	29♏57	n.a.	S 1
M 2	22 0 5	27°59'50	5♌27	16°53	7°38	12° 4	29♒34	26°24	23° 0	14♐ 4	1♓42	19♏45	19°53	0♐ 4	n.a.	M 2
T 3	22 4 1	28°59'22	19°16	18°38	8° 8	12°45	29°26	26°27	23° 3	14° 3	1°41	19°33	19°50	0°11	n.a.	T 3
W 4	22 7 58	29°58'55	2♍51	20°23	8°36	13°26	29°18	26°29	23° 7	14° 3	1°40	19°20	19°46	0°17	n.a.	W 4
T 5	22 11 54	0♍58'30	16° 8	22° 9	9° 2	14° 8	29°10	26°31	23°11	14° 3	1°38	19° 8	19°43	0°24	n.a.	T 5
F 6	22 15 51	1°58'08	29° 6	23°54	9°26	14°49	29° 2	26°33	23°14	14° 3	1°37	18°58	19°40	0°31	n.a.	F 6
S 7	22 19 47	2°57'47	11♎45	25°39	9°49	15°31	28°54	26°36	23°18	14°D 3	1°36	18°50	19°37	0°37	n.a.	S 7
S 8	22 23 44	3°57'29	24° 5	27°24	10°11	16°12	28°46	26°38	23°21	14° 3	1°35	18°45	19°34	0°44	n.a.	S 8
M 9	22 27 40	4°57'12	6♏10	29° 9	10°30	16°54	28°38	26°41	23°25	14° 3	1°34	18°42	19°30	0°51	n.a.	M 9
T 10	22 31 37	5°56'58	18° 5	0♍53	10°47	17°36	28°30	26°44	23°29	14° 3	1°33	18°D41	19°27	0°57	n.a.	T 10
W11	22 35 34	6°56'45	29°53	2°37	11° 3	18°18	28°22	26°47	23°32	14° 4	1°31	18°42	19°24	1° 4	n.a.	W11
T 12	22 39 30	7°56'34	11♐42	4°20	11°16	18°59	28°14	26°50	23°36	14° 4	1°30	18°R42	19°21	1°11	n.a.	T 12
F 13	22 43 27	8°56'25	23°35	6° 2	11°27	19°41	28° 6	26°53	23°40	14° 4	1°29	18°41	19°18	1°17	n.a.	F 13
S 14	22 47 23	9°56'18	5♑39	7°44	11°36	20°23	27°58	26°56	23°43	14° 4	1°28	18°37	19°15	1°24	n.a.	S 14
S 15	22 51 20	10°56'13	17°58	9°26	11°43	21° 5	27°51	26°59	23°47	14° 4	1°27	18°32	19°11	1°31	n.a.	S 15
M16	22 55 16	11°56'10	0♒36	11° 7	11°48	21°47	27°43	27° 2	23°51	14° 5	1°26	18°24	19° 8	1°37	n.a.	M16
T 17	22 59 13	12°56'08	13°35	12°47	11°R50	22°29	27°36	27° 5	23°54	14° 5	1°25	18°14	19° 5	1°44	n.a.	T 17
W18	23 3 9	13°56'08	26°56	14°27	11°50	23°12	27°28	27° 9	23°58	14° 5	1°23	18° 3	19° 2	1°50	n.a.	W18
T 19	23 7 6	14°56'10	10♓36	16° 6	11°48	23°54	27°21	27°12	24° 2	14° 6	1°22	17°52	18°59	1°57	n.a.	T 19
F 20	23 11 2	15°56'14	24°34	17°45	11°43	24°36	27°13	27°16	24° 6	14° 6	1°21	17°42	18°56	2° 4	n.a.	F 20
S 21	23 14 59	16°56'21	8♈44	19°23	11°35	25°18	27° 6	27°20	24° 9	14° 7	1°20	17°34	18°52	2°10	n.a.	S 21
S 22	23 18 56	17°56'29	23° 2	21° 1	11°26	26° 1	26°59	27°24	24°13	14° 7	1°19	17°29	18°49	2°17	n.a.	S 22
M23	23 22 52	18°56'39	7♉21	22°38	11°13	26°43	26°52	27°27	24°17	14° 8	1°18	17°27	18°46	2°24	n.a.	M23
T 24	23 26 49	19°56'52	21°40	24°14	10°59	27°26	26°45	27°31	24°21	14° 8	1°17	17°D27	18°43	2°30	n.a.	T 24
W25	23 30 45	20°57'07	5♊54	25°51	10°42	28° 8	26°39	27°35	24°24	14° 9	1°16	17°27	18°40	2°37	n.a.	W25
T 26	23 34 42	21°57'24	20° 1	27°26	10°23	28°51	26°32	27°39	24°28	14° 9	1°14	17°R28	18°36	2°44	n.a.	T 26
F 27	23 38 38	22°57'44	4♋ 2	29° 2	10° 1	29°33	26°26	27°44	24°32	14°10	1°13	17°28	18°33	2°50	n.a.	F 27
S 28	23 42 35	23°58'05	17°55	0♎36	9°37	0♎16	26°19	27°48	24°36	14°11	1°12	17°25	18°30	2°57	n.a.	S 28
S 29	23 46 31	24°58'29	1♌39	2°11	9°12	0°59	26°13	27°52	24°40	14°12	1°11	17°20	18°27	3° 4	n.a.	S 29
M30	23 50 28	25♍58'55	15♌13	3♎45	8♎44	1♎42	26♒ 7	27♏57	24♍43	14♐12	1♓10	17♏13	18♏24	3♐10	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n43	17n44	4s25	18n23	1n54	8s 0	5s36	8n 2	0n40	13s28	1s49	18s38	1n 4	3n28	0n41	22s 6	0n46	27s15	17s32	18s 0	18s 1	19s36		n.a.
M 2	12 22	14 30	4 52	17 51	1 55	8 19	5 43	7 45	0 39	13 31	1 49	18 38	1 4	3 26	0 41	22 6	0 46	27 16	17 32	17 58	18 0	19 36		n.a.
T 3	12 1	10 32	5 1	17 17	1 54	8 38	5 51	7 29	0 39	13 33	1 49	18 39	1 3	3 25	0 41	22 6	0 46	27 16	17 32	17 54	17 59	19 37		n.a.
W 4	11 40	6 5	4 53	16 43	1 53	8 56	5 58	7 12	0 38	13 36	1 49	18 40	1 3	3 24	0 40	22 6	0 46	27 17	17 32	17 51	17 58	19 37		n.a.
T 5	11 18	1 26	4 29	16 7	1 52	9 13	6 6	6 55	0 38	13 39	1 49	18 40	1 3	3 22	0 40	22 6	0 46	27 17	17 32	17 47	17 57	19 38		n.a.
F 6	10 57	3s10	3 51	15 29	1 49	9 29	6 13	6 39	0 37	13 42	1 49	18 41	1 3	3 21	0 40	22 6	0 46	27 18	17 32	17 44	17 56	19 38		n.a.
S 7	10 35	7 31	3 3	14 51	1 47	9 45	6 20	6 22	0 37	13 45	1 49	18 42	1 3	3 19	0 40	22 6	0 46	27 18	17 32	17 42	17 55	19 39		n.a.
S 8	10 13	11 27	2 7	14 11	1 44	10 0	6 27	6 5	0 36	13 48	1 49	18 43	1 2	3 18	0 40	22 6	0 46	27 19	17 32	17 41	17 54	19 40		n.a.
M 9	9 51	14 50	1 6	13 31	1 40	10 14	6 33	5 48	0 36	13 51	1 49	18 43	1 2	3 16	0 40	22 6	0 46	27 19	17 32	17 40	17 54	19 40		n.a.
T 10	9 29	17 33	0 3	12 50	1 36	10 27	6 40	5 31	0 35	13 54	1 49	18 44	1 2	3 15	0 40	22 6	0 46	27 19	17 32	17 40	17 53	19 41		n.a.
W11	9 6	19 29	0n59	12 8	1 32	10 39	6 46	5 14	0 34	13 56	1 49	18 45	1 2	3 13	0 40	22 6	0 46	27 20	17 32	17 40	17 52	19 41		n.a.
T 12	8 44	20 35	1 59	11 26	1 27	10 49	6 52	4 57	0 34	13 59	1 49	18 46	1 2	3 12	0 40	22 6	0 46	27 20	17 31	17 40	17 51	19 42		n.a.
F 13	8 21	20 46	2 55	10 43	1 23	10 59	6 58	4 39	0 33	14 2	1 49	18 47	1 2	3 10	0 40	22 6	0 46	27 21	17 31	17 40	17 50	19 42		n.a.
S 14	7 58	20 0	3 43	10 0	1 18	11 8	7 4	4 22	0 33	14 4	1 49	18 48	1 1	3 9	0 40	22 6	0 46	27 21	17 31	17 39	17 49	19 43		n.a.
S 15	7 35	18 16	4 22	9 16	1 12	11 15	7 9	4 5	0 32	14 7	1 49	18 48	1 1	3 7	0 40	22 6	0 45	27 21	17 31	17 37	17 48	19 43		n.a.
M16	7 12	15 39	4 49	8 32	1 7	11 22	7 14	3 47	0 32	14 10	1 49	18 49	1 1	3 6	0 40	22 7	0 45	27 22	17 31	17 35	17 47	19 44		n.a.
T 17	6 49	12 11	5 2	7 48	1 1	11 27	7 18	3 30	0 31	14 12	1 49	18 50	1 1	3 4	0 40	22 7	0 45	27 22	17 31	17 32	17 47	19 44		n.a.
W18	6 25	8 3	5 0	7 4	0 55	11 30	7 22	3 13	0 30	14 15	1 49	18 51	1 1	3 3	0 40	22 7	0 45	27 23	17 31	17 29	17 46	19 45		n.a.
T 19	6 2	3 24	4 40	6 19	0 49	11 33	7 26	2 55	0 30	14 17	1 49	18 52	1 1	3 1	0 40	22 7	0 45	27 23	17 31	17 26	17 45	19 45		n.a.
F 20	5 38	1n32	4 4	5 35	0 43	11 34	7 29	2 38	0 29	14 20	1 49	18 53	1 0	3 0	0 40	22 7	0 45	27 23	17 31	17 23	17 44	19 46		n.a.
S 21	5 14	6 27	3 12	4 50	0 37	11 33	7 31	2 20	0 29	14 22	1 48	18 54	1 0	2 58	0 40	22 7	0 45	27 24	17 31	17 21	17 43	19 46		n.a.
S 22	4 50	11 3	2 7	4 5	0 31	11 31	7 33	2 2	0 28	14 24	1 48	18 55	1 0	2 57	0 40	22 7	0 45	27 24	17 31	17 20	17 42	19 47		n.a.
M23	4 27	15 2	0 54	3 20	0 24	11 27	7 35	1 45	0 28	14 27	1 48	18 56	1 0	2 55	0 40	22 7	0 45	27 24	17 31	17 19	17 41	19 47		n.a.
T 24	4 3	18 7	0s23	2 36	0 18	11 22	7 36	1 27	0 27	14 29	1 48	18 57	1 0	2 54	0 40	22 7	0 45	27 25	17 30	17 19	17 40	19 48		n.a.
W25	3 39	20 3	1 37	1 51	0 11	11 16	7 36	1 9	0 26	14 31	1 48	18 59	1 0	2 52	0 40	22 7	0 45	27 25	17 30	17 19	17 39	19 48		n.a.
T 26	3 14	20 42	2 46	1 6	0 5	11 7	7 35	0 52	0 26	14 33	1 48	19 0	0 59	2 51	0 40	22 8	0 45	27 25	17 30	17 19	17 39	19 49		n.a.
F 27	2 50	20 3	3 43	0 22	0s 2	10 58	7 34	0 34	0 25	14 35	1 48	19 1	0 59	2 49	0 40	22 8	0 45	27 25	17 30	17 19	17 38	19 49		n.a.
S 28	2 26	18 11	4 27	0s22	0 8	10 46	7 32	0 16	0 25	14 37	1 47	19 2	0 59	2 48	0 40	22 8	0 45	27 26	17 30	17 18	17 37	19 50		n.a.
S 29	2 2	15 19	4 56	1 7	0 15	10 33	7 29	0s 2	0 24	14 39	1 47	19 3	0 59	2 46	0 40	22 8	0 45	27 26	17 30	17 17	17 36	19 50		n.a.
M30	1n37	11n39	5s 7	1s51	0s22	10s19	7s25	0s20	0n23	14s41	1s47	19s 4	0n59	2n45	0n40	22s 8	0n45	27s26	17s30	17s15	17s35	19s50		n.a.

Julian Day Number = 1307472.5, Delta T = 07h44m41s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'10, Lahiri = -19°36'10 Julian Calendar 1 Sept. 1134 BCE == Greg. Calendar 21 Aug. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

OCTOBER 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 25	26♍59'22	28♌36	5♎19	8°R15	2♎24	26°R 1	28♏ 1	24♍47	14♐13	1°R 9	17°R 5	18♏21	3♐17	n.a.	T 1
W 2	23 58 21	27°59'52	11♍47	6°52	7♎44	3° 7	25♒55	28° 6	24°51	14°14	1♓ 8	16♏55	18°17	3°24	n.a.	W 2
T 3	0 2 18	29° 0'23	24°43	8°25	7°12	3°50	25°50	28°10	24°55	14°15	1° 7	16°47	18°14	3°30	n.a.	T 3
F 4	0 6 14	0♎ 0'57	7♎25	9°57	6°38	4°33	25°44	28°15	24°58	14°16	1° 6	16°39	18°11	3°37	n.a.	F 4
S 5	0 10 11	1° 1'31	19°52	11°30	6° 4	5°16	25°39	28°20	25° 2	14°17	1° 5	16°34	18° 8	3°44	n.a.	S 5
S 6	0 14 7	2° 2'08	2♏ 5	13° 2	5°28	5°59	25°34	28°25	25° 6	14°18	1° 4	16°30	18° 5	3°50	n.a.	S 6
M 7	0 18 4	3° 2'46	14° 6	14°33	4°52	6°43	25°29	28°30	25°10	14°19	1° 3	16°D29	18° 1	3°57	n.a.	M 7
T 8	0 22 0	4° 3'26	25°59	16° 4	4°16	7°26	25°24	28°35	25°14	14°20	1° 2	16°29	17°58	4° 3	n.a.	T 8
W 9	0 25 57	5° 4'07	7♐47	17°35	3°40	8° 9	25°20	28°40	25°17	14°21	1° 1	16°31	17°55	4°10	n.a.	W 9
T 10	0 29 53	6° 4'49	19°34	19° 6	3° 4	8°52	25°15	28°45	25°21	14°22	1° 0	16°32	17°52	4°17	n.a.	T 10
F 11	0 33 50	7° 5'33	1♑26	20°36	2°28	9°36	25°11	28°50	25°25	14°23	0°59	16°R34	17°49	4°23	n.a.	F 11
S 12	0 37 47	8° 6'18	13°29	22° 6	1°53	10°19	25° 7	28°55	25°28	14°24	0°58	16°34	17°46	4°30	n.a.	S 12
S 13	0 41 43	9° 7'04	25°46	23°36	1°19	11° 3	25° 3	29° 1	25°32	14°25	0°58	16°32	17°42	4°37	n.a.	S 13
M14	0 45 40	10° 7'51	8♒23	25° 5	0°46	11°46	25° 0	29° 6	25°36	14°26	0°57	16°29	17°39	4°43	n.a.	M14
T 15	0 49 36	11° 8'40	21°23	26°34	0°14	12°30	24°56	29°11	25°40	14°28	0°56	16°24	17°36	4°50	n.a.	T 15
W16	0 53 33	12° 9'29	4♓49	28° 2	29♍44	13°13	24°53	29°17	25°43	14°29	0°55	16°19	17°33	4°57	n.a.	W16
T 17	0 57 29	13°10'20	18°40	29°30	29°15	13°57	24°50	29°22	25°47	14°30	0°54	16°13	17°30	5° 3	n.a.	T 17
F 18	1 1 26	14°11'12	2♈53	0♏58	28°49	14°41	24°47	29°28	25°51	14°31	0°53	16° 8	17°27	5°10	n.a.	F 18
S 19	1 5 22	15°12'05	17°25	2°24	28°24	15°25	24°44	29°34	25°54	14°33	0°52	16° 4	17°23	5°17	n.a.	S 19
S 20	1 9 19	16°13'00	2♉ 8	3°50	28° 2	16° 8	24°42	29°39	25°58	14°34	0°52	16° 2	17°20	5°23	n.a.	S 20
M21	1 13 16	17°13'56	16°56	5°16	27°42	16°52	24°40	29°45	26° 1	14°36	0°51	16°D 2	17°17	5°30	n.a.	M21
T 22	1 17 12	18°14'54	1♊40	6°40	27°24	17°36	24°38	29°51	26° 5	14°37	0°50	16° 2	17°14	5°37	n.a.	T 22
W23	1 21 9	19°15'53	16°16	8° 4	27° 9	18°20	24°36	29°57	26° 9	14°38	0°49	16° 4	17°11	5°43	n.a.	W23
T 24	1 25 5	20°16'53	0♋38	9°26	26°56	19° 4	24°34	0♐ 3	26°12	14°40	0°49	16° 5	17° 7	5°50	n.a.	T 24
F 25	1 29 2	21°17'55	14°45	10°47	26°46	19°48	24°33	0° 9	26°16	14°41	0°48	16° 6	17° 4	5°57	n.a.	F 25
S 26	1 32 58	22°18'58	28°35	12° 7	26°38	20°32	24°31	0°15	26°19	14°43	0°47	16°R 6	17° 1	6° 3	n.a.	S 26
S 27	1 36 55	23°20'02	12♌ 8	13°24	26°33	21°17	24°30	0°21	26°23	14°45	0°47	16° 5	16°58	6°10	n.a.	S 27
M28	1 40 51	24°21'08	25°25	14°40	26°30	22° 1	24°30	0°27	26°26	14°46	0°46	16° 3	16°55	6°17	n.a.	M28
T 29	1 44 48	25°22'15	8♍27	15°53	26°D30	22°45	24°29	0°33	26°29	14°48	0°46	16° 0	16°52	6°23	n.a.	T 29
W30	1 48 45	26°23'23	21°15	17° 4	26°32	23°29	24°29	0°39	26°33	14°49	0°45	15°57	16°48	6°30	n.a.	W30
T 31	1 52 41	27♎24'32	3♎50	18♏12	26♍37	24♎14	24°D28	0♐46	26♍36	14♐51	0♓44	15♏53	16♏45	6♐36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n13	7n27	5s 1	2s34	0s28	10s 3	7s21	0s38	0n23	14s43	1s47	19s 5	0n59	2n43	0n40	22s 8	0n45	27s27	17s29	17s12	17s34	19s51			n.a.
W 2	0 49	2 58	4 39	3 18	0 35	9 46	7 16	0 55	0 22	14 45	1 47	19 6	0 59	2 42	0 40	22 8	0 45	27 27	17 29	17 10	17 33	19 51			n.a.
T 3	0 24	1s35	4 3	4 1	0 41	9 27	7 9	1 13	0 22	14 47	1 46	19 8	0 58	2 40	0 40	22 8	0 45	27 27	17 29	17 7	17 32	19 52			n.a.
F 4	0s 0	5 58	3 15	4 44	0 48	9 7	7 2	1 31	0 21	14 48	1 46	19 9	0 58	2 38	0 40	22 9	0 45	27 27	17 29	17 5	17 31	19 52			n.a.
S 5	0 25	10 2	2 19	5 26	0 54	8 46	6 54	1 49	0 20	14 50	1 46	19 10	0 58	2 37	0 40	22 9	0 45	27 27	17 29	17 3	17 30	19 53			n.a.
S 6	0 49	13 36	1 17	6 9	1 0	8 24	6 46	2 7	0 20	14 52	1 46	19 11	0 58	2 35	0 40	22 9	0 45	27 28	17 29	17 2	17 30	19 53			n.a.
M 7	1 14	16 32	0 13	6 51	1 6	8 0	6 36	2 25	0 19	14 53	1 46	19 13	0 58	2 34	0 40	22 9	0 45	27 28	17 28	17 2	17 29	19 54			n.a.
T 8	1 38	18 44	0n51	7 32	1 12	7 36	6 26	2 43	0 18	14 55	1 45	19 14	0 58	2 32	0 40	22 9	0 45	27 28	17 28	17 2	17 28	19 54			n.a.
W 9	2 3	20 6	1 53	8 13	1 18	7 12	6 15	3 1	0 18	14 56	1 45	19 15	0 57	2 31	0 40	22 9	0 45	27 28	17 28	17 3	17 27	19 54			n.a.
T 10	2 27	20 35	2 50	8 53	1 24	6 46	6 3	3 19	0 17	14 57	1 45	19 16	0 57	2 29	0 40	22 9	0 45	27 28	17 28	17 3	17 26	19 55			n.a.
F 11	2 52	20 9	3 41	9 33	1 30	6 20	5 51	3 36	0 17	14 58	1 45	19 18	0 57	2 28	0 40	22 10	0 45	27 28	17 28	17 3	17 25	19 55			n.a.
S 12	3 16	18 48	4 22	10 13	1 35	5 54	5 38	3 54	0 16	14 59	1 44	19 19	0 57	2 26	0 40	22 10	0 44	27 29	17 27	17 3	17 24	19 56			n.a.
S 13	3 40	16 33	4 52	10 52	1 41	5 28	5 24	4 12	0 15	15 1	1 44	19 20	0 57	2 25	0 40	22 10	0 44	27 29	17 27	17 3	17 23	19 56			n.a.
M14	4 4	13 29	5 9	11 30	1 46	5 2	5 10	4 30	0 15	15 2	1 44	19 22	0 57	2 23	0 40	22 10	0 44	27 29	17 27	17 2	17 22	19 56			n.a.
T 15	4 29	9 42	5 11	12 8	1 51	4 36	4 56	4 48	0 14	15 2	1 44	19 23	0 57	2 22	0 40	22 10	0 44	27 29	17 27	17 1	17 21	19 57			n.a.
W16	4 53	5 19	4 56	12 44	1 55	4 11	4 41	5 6	0 13	15 3	1 43	19 24	0 56	2 20	0 40	22 11	0 44	27 29	17 26	16 59	17 21	19 57			n.a.
T 17	5 17	0 31	4 24	13 20	2 0	3 46	4 26	5 24	0 13	15 4	1 43	19 26	0 56	2 19	0 40	22 11	0 44	27 29	17 26	16 58	17 20	19 57			n.a.
F 18	5 41	4n26	3 35	13 56	2 4	3 21	4 11	5 41	0 12	15 5	1 43	19 27	0 56	2 18	0 40	22 11	0 44	27 29	17 26	16 56	17 19	19 58			n.a.
S 19	6 5	9 15	2 31	14 30	2 8	2 57	3 56	5 59	0 12	15 6	1 42	19 28	0 56	2 16	0 40	22 11	0 44	27 29	17 26	16 55	17 18	19 58			n.a.
S 20	6 29	13 35	1 16	15 4	2 12	2 34	3 40	6 17	0 11	15 6	1 42	19 30	0 56	2 15	0 40	22 11	0 44	27 29	17 25	16 54	17 17	19 59			n.a.
M21	6 52	17 5	0s 5	15 36	2 15	2 12	3 25	6 35	0 10	15 7	1 42	19 31	0 56	2 13	0 40	22 11	0 44	27 29	17 25	16 54	17 16	19 59			n.a.
T 22	7 16	19 27	1 25	16 7	2 18	1 51	3 10	6 52	0 10	15 7	1 42	19 32	0 56	2 12	0 40	22 12	0 44	27 29	17 25	16 54	17 15	19 59			n.a.
W23	7 40	20 28	2 39	16 38	2 20	1 31	2 54	7 10	0 9	15 7	1 41	19 34	0 56	2 10	0 40	22 12	0 44	27 29	17 24	16 55	17 14	20 0			n.a.
T 24	8 3	20 8	3 41	17 7	2 22	1 11	2 39	7 27	0 8	15 8	1 41	19 35	0 55	2 9	0 40	22 12	0 44	27 29	17 24	16 55	17 13	20 0			n.a.
F 25	8 26	18 32	4 29	17 34	2 24	0 54	2 24	7 45	0 8	15 8	1 41	19 37	0 55	2 8	0 40	22 12	0 44	27 29	17 24	16 55	17 12	20 0			n.a.
S 26	8 49	15 52	5 1	18 1	2 25	0 37	2 9	8 2	0 7	15 8	1 40	19 38	0 55	2 6	0 40	22 12	0 44	27 29	17 24	16 55	17 11	20 1			n.a.
S 27	9 12	12 24	5 14	18 25	2 25	0 21	1 55	8 20	0 6	15 8	1 40	19 39	0 55	2 5	0 40	22 13	0 44	27 29	17 23	16 55	17 11	20 1			n.a.
M28	9 35	8 23	5 11	18 48	2 25	0 7	1 40	8 37	0 6	15 8	1 40	19 41	0 55	2 3	0 40	22 13	0 44	27 29	17 23	16 54	17 10	20 1			n.a.
T 29	9 58	4 2	4 52	19 10	2 24	0n 6	1 26	8 55	0 5	15 8	1 39	19 42	0 55	2 2	0 40	22 13	0 44	27 29	17 23	16 54	17 9	20 2			n.a.
W30	10 21	0s25	4 18	19 29	2 23	0 17	1 13	9 12	0 4	15 8	1 39	19 44	0 55	2 1	0 40	22 13	0 44	27 29	17 22	16 53	17 8	20 2			n.a.
T 31	10s43	4s47	3s32	19s46	2s20	0n28	0s59	9s29	0n 4	15s 8	1s39	19s45	0n55	1n59	0n40	22s14	0n44	27s29	17s22	16s52	17s 7	20s 2			n.a.

Julian Day Number = 1307502.5, Delta T = 07h44m39s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'06, Lahiri = -19°36'06 Julian Calendar 1 Oct. 1134 BCE == Greg. Calendar 20 Sept. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

NOVEMBER 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 56 38	28♎25'42	16♎13	19♏16	26♍43	24♎58	24♒28	0♐52	26♍40	14♐53	0°R44	15°R51	16♏42	6♐43	n.a.	F 1
S 2	2 0 34	29°26'53	28°25	20°16	26°53	25°43	24°29	0°58	26°43	14°54	0♓43	15♏49	16°39	6°50	n.a.	S 2
S 3	2 4 31	0♏28'05	10♏28	21°11	27° 4	26°27	24°29	1° 5	26°46	14°56	0°43	15°D48	16°36	6°56	n.a.	S 3
M 4	2 8 27	1°29'17	22°23	22° 1	27°18	27°12	24°30	1°11	26°50	14°58	0°42	15°48	16°32	7° 3	n.a.	M 4
T 5	2 12 24	2°30'31	4♐13	22°44	27°33	27°56	24°31	1°18	26°53	15° 0	0°42	15°49	16°29	7°10	n.a.	T 5
W 6	2 16 20	3°31'44	16° 0	23°21	27°51	28°41	24°32	1°24	26°56	15° 2	0°41	15°50	16°26	7°16	n.a.	W 6
T 7	2 20 17	4°32'58	27°48	23°50	28°11	29°26	24°33	1°31	26°59	15° 3	0°41	15°52	16°23	7°23	n.a.	T 7
F 8	2 24 14	5°34'13	9♑40	24°10	28°33	0♏10	24°34	1°37	27° 3	15° 5	0°40	15°53	16°20	7°30	n.a.	F 8
S 9	2 28 10	6°35'28	21°41	24°21	28°56	0°55	24°36	1°44	27° 6	15° 7	0°40	15°53	16°17	7°36	n.a.	S 9
S 10	2 32 7	7°36'43	3♒55	24°R21	29°21	1°40	24°38	1°51	27° 9	15° 9	0°40	15°R54	16°13	7°43	n.a.	S 10
M11	2 36 3	8°37'58	16°26	24°10	29°49	2°25	24°40	1°57	27°12	15°11	0°39	15°54	16°10	7°50	n.a.	M11
T 12	2 40 0	9°39'14	29°20	23°48	0♎17	3°10	24°42	2° 4	27°15	15°13	0°39	15°53	16° 7	7°56	n.a.	T 12
W13	2 43 56	10°40'29	12♓40	23°14	0°48	3°55	24°45	2°11	27°18	15°15	0°39	15°53	16° 4	8° 3	n.a.	W13
T 14	2 47 53	11°41'45	26°26	22°28	1°20	4°40	24°48	2°17	27°21	15°17	0°38	15°52	16° 1	8°10	n.a.	T 14
F 15	2 51 50	12°43'01	10♈40	21°32	1°53	5°25	24°51	2°24	27°24	15°19	0°38	15°52	15°58	8°16	n.a.	F 15
S 16	2 55 46	13°44'17	25°18	20°26	2°28	6°10	24°54	2°31	27°27	15°21	0°38	15°52	15°54	8°23	n.a.	S 16
S 17	2 59 43	14°45'33	10♉14	19°12	3° 4	6°55	24°57	2°38	27°30	15°23	0°38	15°D51	15°51	8°30	n.a.	S 17
M18	3 3 39	15°46'49	25°21	17°53	3°42	7°40	25° 0	2°45	27°32	15°25	0°38	15°R51	15°48	8°36	n.a.	M18
T 19	3 7 36	16°48'05	10♊29	16°31	4°21	8°26	25° 4	2°52	27°35	15°27	0°37	15°51	15°45	8°43	n.a.	T 19
W20	3 11 32	17°49'22	25°30	15°10	5° 1	9°11	25° 8	2°59	27°38	15°29	0°37	15°51	15°42	8°50	n.a.	W20
T 21	3 15 29	18°50'39	10♋15	13°50	5°43	9°56	25°12	3° 5	27°41	15°31	0°37	15°51	15°38	8°56	n.a.	T 21
F 22	3 19 25	19°51'56	24°40	12°36	6°25	10°41	25°16	3°12	27°43	15°33	0°37	15°51	15°35	9° 3	n.a.	F 22
S 23	3 23 22	20°53'14	8♌40	11°29	7° 9	11°27	25°21	3°19	27°46	15°35	0°37	15°50	15°32	9°10	n.a.	S 23
S 24	3 27 19	21°54'32	22°15	10°31	7°54	12°12	25°25	3°26	27°49	15°37	0°37	15°D50	15°29	9°16	n.a.	S 24
M25	3 31 15	22°55'50	5♍27	9°42	8°40	12°58	25°30	3°33	27°51	15°39	0°37	15°50	15°26	9°23	n.a.	M25
T 26	3 35 12	23°57'08	18°19	9° 3	9°26	13°43	25°35	3°40	27°54	15°41	0°D37	15°51	15°23	9°30	n.a.	T 26
W27	3 39 8	24°58'26	0♎52	8°35	10°14	14°29	25°40	3°47	27°56	15°44	0°37	15°52	15°19	9°36	n.a.	W27
T 28	3 43 5	25°59'44	13°11	8°17	11° 3	15°14	25°46	3°54	27°59	15°46	0°37	15°53	15°16	9°43	n.a.	T 28
F 29	3 47 1	27° 1'02	25°19	8°D 9	11°52	16° 0	25°51	4° 1	28° 1	15°48	0°37	15°54	15°13	9°50	n.a.	F 29
S 30	3 50 58	28♏ 2'20	7♏19	8♏10	12♎42	16♏46	25♒57	4♐ 9	28♍ 4	15♐50	0♓37	15♏55	15♏10	9♐56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 5	8s53	2s37	20s 1	2s17	0n37	0s46	9s46	0n 3	15s 7	1s39	19s47	0n54	1n58	0n40	22s14	0n44	27s29	17s22	16s51	17s 6	20s 3		n.a.
S 2	11 27	12 33	1 35	20 14	2 13	0 45	0 34	10 3	0 2	15 7	1 38	19 48	0 54	1 57	0 40	22 14	0 44	27 29	17 21	16 50	17 5	20 3		n.a.
S 3	11 49	15 40	0 30	20 24	2 8	0 52	0 21	10 20	0 2	15 7	1 38	19 49	0 54	1 55	0 40	22 14	0 44	27 29	17 21	16 50	17 4	20 3		n.a.
M 4	12 11	18 5	0n36	20 31	2 1	0 57	0 9	10 37	0 1	15 6	1 38	19 51	0 54	1 54	0 40	22 14	0 44	27 29	17 21	16 50	17 3	20 4		n.a.
T 5	12 32	19 41	1 40	20 35	1 54	1 1	0n 2	10 54	0 1	15 5	1 37	19 52	0 54	1 53	0 40	22 15	0 44	27 29	17 20	16 50	17 2	20 4		n.a.
W 6	12 54	20 26	2 40	20 36	1 45	1 4	0 13	11 11	0s 0	15 5	1 37	19 54	0 54	1 51	0 40	22 15	0 44	27 28	17 20	16 51	17 1	20 4		n.a.
T 7	13 15	20 16	3 33	20 34	1 35	1 6	0 24	11 28	0 1	15 4	1 37	19 55	0 54	1 50	0 41	22 15	0 44	27 28	17 20	16 51	17 0	20 4		n.a.
F 8	13 35	19 12	4 17	20 28	1 24	1 7	0 35	11 44	0 1	15 3	1 36	19 57	0 54	1 49	0 41	22 15	0 44	27 28	17 19	16 52	16 59	20 5		n.a.
S 9	13 56	17 17	4 50	20 18	1 11	1 7	0 45	12 1	0 2	15 2	1 36	19 58	0 54	1 48	0 41	22 16	0 44	27 28	17 19	16 52	16 59	20 5		n.a.
S 10	14 16	14 33	5 11	20 4	0 56	1 5	0 54	12 17	0 3	15 1	1 36	20 0	0 54	1 46	0 41	22 16	0 44	27 28	17 19	16 52	16 58	20 5		n.a.
M11	14 37	11 7	5 18	19 46	0 40	1 3	1 4	12 34	0 3	15 0	1 36	20 1	0 53	1 45	0 41	22 16	0 44	27 28	17 18	16 52	16 57	20 6		n.a.
T 12	14 56	7 4	5 9	19 24	0 23	1 0	1 13	12 50	0 4	14 59	1 35	20 2	0 53	1 44	0 41	22 16	0 44	27 27	17 18	16 52	16 56	20 6		n.a.
W13	15 16	2 33	4 44	18 57	0 5	0 55	1 21	13 6	0 5	14 58	1 35	20 4	0 53	1 43	0 41	22 17	0 43	27 27	17 18	16 52	16 55	20 6		n.a.
T 14	15 35	2n15	4 2	18 27	0n15	0 50	1 30	13 22	0 5	14 57	1 35	20 5	0 53	1 41	0 41	22 17	0 43	27 27	17 17	16 51	16 54	20 6		n.a.
F 15	15 54	7 6	3 4	17 53	0 35	0 44	1 38	13 38	0 6	14 56	1 34	20 7	0 53	1 40	0 41	22 17	0 43	27 27	17 17	16 51	16 53	20 7		n.a.
S 16	16 13	11 40	1 52	17 15	0 55	0 36	1 45	13 54	0 7	14 54	1 34	20 8	0 53	1 39	0 41	22 17	0 43	27 27	17 17	16 51	16 52	20 7		n.a.
S 17	16 32	15 37	0 31	16 36	1 15	0 28	1 52	14 10	0 7	14 53	1 34	20 10	0 53	1 38	0 41	22 18	0 43	27 26	17 16	16 51	16 51	20 7		n.a.
M18	16 50	18 34	0s53	15 55	1 35	0 19	1 59	14 25	0 8	14 51	1 33	20 11	0 53	1 37	0 41	22 18	0 43	27 26	17 16	16 51	16 50	20 7		n.a.
T 19	17 8	20 11	2 13	15 14	1 53	0 10	2 6	14 41	0 9	14 50	1 33	20 13	0 53	1 36	0 41	22 18	0 43	27 26	17 16	16 51	16 49	20 8		n.a.
W20	17 25	20 22	3 23	14 35	2 10	0s 1	2 12	14 56	0 10	14 48	1 33	20 14	0 53	1 35	0 41	22 18	0 43	27 25	17 15	16 51	16 48	20 8		n.a.
T 21	17 42	19 7	4 19	13 57	2 25	0 12	2 18	15 11	0 10	14 47	1 32	20 15	0 52	1 34	0 41	22 19	0 43	27 25	17 15	16 51	16 47	20 8		n.a.
F 22	17 59	16 40	4 57	13 22	2 38	0 24	2 24	15 27	0 11	14 45	1 32	20 17	0 52	1 32	0 41	22 19	0 43	27 25	17 14	16 51	16 46	20 8		n.a.
S 23	18 16	13 19	5 16	12 52	2 48	0 36	2 29	15 42	0 12	14 43	1 32	20 18	0 52	1 31	0 41	22 19	0 43	27 25	17 14	16 51	16 45	20 8		n.a.
S 24	18 32	9 20	5 16	12 26	2 56	0 50	2 34	15 56	0 12	14 41	1 32	20 20	0 52	1 30	0 41	22 19	0 43	27 24	17 14	16 51	16 45	20 9		n.a.
M25	18 48	5 1	5 0	12 5	3 2	1 4	2 39	16 11	0 13	14 39	1 31	20 21	0 52	1 29	0 41	22 20	0 43	27 24	17 13	16 51	16 44	20 9		n.a.
T 26	19 4	0 35	4 29	11 49	3 5	1 18	2 43	16 26	0 14	14 37	1 31	20 23	0 52	1 28	0 41	22 20	0 43	27 24	17 13	16 51	16 43	20 9		n.a.
W27	19 19	3s47	3 45	11 39	3 7	1 33	2 48	16 40	0 14	14 35	1 31	20 24	0 52	1 27	0 41	22 20	0 43	27 23	17 13	16 51	16 42	20 9		n.a.
T 28	19 34	7 55	2 52	11 33	3 7	1 49	2 52	16 54	0 15	14 33	1 30	20 25	0 52	1 26	0 41	22 20	0 43	27 23	17 12	16 52	16 41	20 9		n.a.
F 29	19 49	11 41	1 52	11 32	3 6	2 5	2 55	17 9	0 16	14 31	1 30	20 27	0 52	1 26	0 41	22 21	0 43	27 23	17 12	16 52	16 40	20 10		n.a.
S 30	20s 3	14s55	0s48	11s35	3n 3	2s22	2n59	17s23	0s16	14s29	1s30	20s28	0n52	1n25	0n41	22s21	0n43	27s22	17s11	16s52	16s39	20s10		n.a.

Julian Day Number = 1307533.5, Delta T = 07h44m38s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°43'02, Lahiri = -19°36'02 Julian Calendar 1 Nov. 1134 BCE == Greg. Calendar 21 Oct. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1134 BCE
geocentric

DECEMBER 1134 BCE (-1133) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 54	29♏ 3'38	19♏12	8♏19	13♎33	17♏31	26♒ 3	4♐16	28♍ 6	15♐52	0♓37	15°R55	15♏ 7	10♐ 3	n.a.	S 1
M 2	3 58 51	0♐ 4'55	1♐ 2	8°36	14°25	18°17	26° 9	4°23	28° 8	15°55	0°37	15♏54	15° 4	10° 9	n.a.	M 2
T 3	4 2 48	1° 6'12	12°50	9° 1	15°18	19° 3	26°15	4°30	28°10	15°57	0°38	15°53	15° 0	10°16	n.a.	T 3
W 4	4 6 44	2° 7'29	24°39	9°32	16°11	19°49	26°22	4°37	28°12	15°59	0°38	15°50	14°57	10°23	n.a.	W 4
T 5	4 10 41	3° 8'45	6♉30	10° 9	17° 5	20°35	26°28	4°44	28°15	16° 1	0°38	15°48	14°54	10°29	n.a.	T 5
F 6	4 14 37	4°10'00	18°26	10°51	18° 0	21°20	26°35	4°51	28°17	16° 3	0°38	15°45	14°51	10°36	n.a.	F 6
S 7	4 18 34	5°11'14	0♒29	11°37	18°55	22° 6	26°42	4°58	28°19	16° 6	0°38	15°42	14°48	10°43	n.a.	S 7
S 8	4 22 30	6°12'28	12°44	12°28	19°51	22°52	26°49	5° 5	28°21	16° 8	0°39	15°39	14°44	10°49	n.a.	S 8
M 9	4 26 27	7°13'41	25°13	13°23	20°47	23°38	26°56	5°12	28°23	16°10	0°39	15°38	14°41	10°56	n.a.	M 9
T 10	4 30 24	8°14'52	8♓ 0	14°22	21°44	24°24	27° 4	5°19	28°25	16°12	0°39	15°D37	14°38	11° 3	n.a.	T 10
W11	4 34 20	9°16'03	21° 9	15°23	22°41	25°10	27°11	5°26	28°26	16°15	0°40	15°38	14°35	11° 9	n.a.	W11
T 12	4 38 17	10°17'13	4♈44	16°27	23°39	25°56	27°19	5°33	28°28	16°17	0°40	15°39	14°32	11°16	n.a.	T 12
F 13	4 42 13	11°18'21	18°44	17°33	24°38	26°43	27°27	5°41	28°30	16°19	0°40	15°40	14°29	11°23	n.a.	F 13
S 14	4 46 10	12°19'29	3♉12	18°42	25°37	27°29	27°35	5°48	28°32	16°21	0°41	15°42	14°25	11°29	n.a.	S 14
S 15	4 50 6	13°20'35	18° 2	19°53	26°36	28°15	27°43	5°55	28°33	16°24	0°41	15°R42	14°22	11°36	n.a.	S 15
M16	4 54 3	14°21'40	3♊10	21° 6	27°36	29° 1	27°51	6° 2	28°35	16°26	0°42	15°41	14°19	11°43	n.a.	M16
T 17	4 57 59	15°22'45	18°27	22°20	28°36	29°47	27°59	6° 9	28°36	16°28	0°42	15°39	14°16	11°49	n.a.	T 17
W18	5 1 56	16°23'48	3♋42	23°36	29°37	0♐33	28° 8	6°16	28°38	16°31	0°43	15°35	14°13	11°56	n.a.	W18
T 19	5 5 53	17°24'51	18°45	24°53	0♏38	1°20	28°17	6°23	28°39	16°33	0°43	15°30	14°10	12° 3	n.a.	T 19
F 20	5 9 49	18°25'52	3♌27	26°12	1°39	2° 6	28°26	6°30	28°41	16°35	0°44	15°25	14° 6	12° 9	n.a.	F 20
S 21	5 13 46	19°26'53	17°43	27°32	2°41	2°52	28°35	6°37	28°42	16°37	0°44	15°21	14° 3	12°16	n.a.	S 21
S 22	5 17 42	20°27'52	1♍29	28°53	3°43	3°39	28°44	6°44	28°43	16°40	0°45	15°18	14° 0	12°23	n.a.	S 22
M23	5 21 39	21°28'51	14°47	0♐16	4°46	4°25	28°53	6°51	28°44	16°42	0°46	15°16	13°57	12°29	n.a.	M23
T 24	5 25 35	22°29'49	27°39	1°39	5°49	5°12	29° 2	6°58	28°46	16°44	0°46	15°D16	13°54	12°36	n.a.	T 24
W25	5 29 32	23°30'46	10♎ 9	3° 3	6°52	5°58	29°12	7° 4	28°47	16°47	0°47	15°17	13°50	12°43	n.a.	W25
T 26	5 33 29	24°31'42	22°22	4°29	7°55	6°44	29°21	7°11	28°48	16°49	0°48	15°19	13°47	12°49	n.a.	T 26
F 27	5 37 25	25°32'37	4♏22	5°55	8°59	7°31	29°31	7°18	28°49	16°51	0°48	15°20	13°44	12°56	n.a.	F 27
S 28	5 41 22	26°33'30	16°14	7°22	10° 3	8°17	29°41	7°25	28°50	16°53	0°49	15°R21	13°41	13° 3	n.a.	S 28
S 29	5 45 18	27°34'23	28° 2	8°50	11° 8	9° 4	29°51	7°32	28°51	16°56	0°50	15°20	13°38	13° 9	n.a.	S 29
M30	5 49 15	28°35'14	9♐49	10°19	12°12	9°51	0♓ 1	7°39	28°51	16°58	0°50	15°17	13°35	13°16	n.a.	M30
T 31	5 53 11	29♐36'04	21♐38	11♐49	13♏17	10♐37	0♓11	7♐45	28♍52	17♐ 0	0♓51	15♏11	13♏31	13♐23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s16	17s31	0n18	11s41	2n59	2s39	3n 2	17s36	0s17	14s26	1s30	20s30	0n52	1n24	0n41	22s21	0n43	27s22	17s11	16s52	16s38	20s10		n.a.
M 2	20 30	19 21	1 23	11 52	2 54	2 56	3 5	17 50	0 18	14 24	1 29	20 31	0 52	1 23	0 41	22 21	0 43	27 21	17 11	16 52	16 37	20 10		n.a.
T 3	20 43	20 20	2 24	12 5	2 48	3 14	3 8	18 3	0 18	14 22	1 29	20 32	0 51	1 22	0 41	22 22	0 43	27 21	17 10	16 52	16 36	20 10		n.a.
W 4	20 55	20 25	3 18	12 21	2 42	3 33	3 10	18 17	0 19	14 19	1 29	20 34	0 51	1 21	0 41	22 22	0 43	27 21	17 10	16 51	16 35	20 11		n.a.
T 5	21 8	19 35	4 5	12 39	2 35	3 52	3 12	18 30	0 20	14 17	1 28	20 35	0 51	1 20	0 41	22 22	0 43	27 20	17 10	16 50	16 34	20 11		n.a.
F 6	21 19	17 54	4 41	12 59	2 27	4 11	3 15	18 43	0 20	14 14	1 28	20 37	0 51	1 19	0 41	22 22	0 43	27 20	17 9	16 49	16 33	20 11		n.a.
S 7	21 31	15 25	5 5	13 21	2 20	4 30	3 16	18 56	0 21	14 11	1 28	20 38	0 51	1 19	0 41	22 23	0 43	27 19	17 9	16 48	16 32	20 11		n.a.
S 8	21 42	12 14	5 15	13 45	2 12	4 50	3 18	19 8	0 22	14 9	1 28	20 39	0 51	1 18	0 41	22 23	0 43	27 19	17 9	16 48	16 31	20 11		n.a.
M 9	21 52	8 27	5 11	14 9	2 3	5 10	3 19	19 21	0 22	14 6	1 27	20 41	0 51	1 17	0 41	22 23	0 43	27 18	17 8	16 47	16 30	20 11		n.a.
T 10	22 2	4 12	4 52	14 35	1 55	5 30	3 21	19 33	0 23	14 3	1 27	20 42	0 51	1 16	0 41	22 23	0 43	27 18	17 8	16 47	16 29	20 12		n.a.
W11	22 12	0n22	4 17	15 1	1 47	5 51	3 22	19 45	0 24	14 0	1 27	20 43	0 51	1 16	0 41	22 24	0 43	27 17	17 7	16 47	16 28	20 12		n.a.
T 12	22 21	5 4	3 27	15 28	1 38	6 12	3 23	19 57	0 24	13 57	1 27	20 45	0 51	1 15	0 41	22 24	0 43	27 17	17 7	16 47	16 27	20 12		n.a.
F 13	22 30	9 39	2 23	15 55	1 29	6 33	3 23	20 8	0 25	13 54	1 26	20 46	0 51	1 14	0 41	22 24	0 43	27 16	17 7	16 48	16 27	20 12		n.a.
S 14	22 38	13 51	1 8	16 23	1 21	6 54	3 24	20 20	0 26	13 51	1 26	20 47	0 51	1 14	0 41	22 24	0 43	27 16	17 6	16 48	16 26	20 12		n.a.
S 15	22 46	17 17	0s13	16 51	1 12	7 15	3 24	20 31	0 26	13 48	1 26	20 49	0 51	1 13	0 41	22 25	0 43	27 16	17 6	16 48	16 25	20 12		n.a.
M16	22 54	19 35	1 35	17 18	1 3	7 37	3 24	20 42	0 27	13 45	1 25	20 50	0 51	1 12	0 42	22 25	0 43	27 15	17 6	16 48	16 24	20 12		n.a.
T 17	23 1	20 29	2 50	17 46	0 55	7 58	3 24	20 53	0 28	13 42	1 25	20 51	0 51	1 12	0 42	22 25	0 43	27 14	17 5	16 47	16 23	20 12		n.a.
W18	23 7	19 53	3 53	18 14	0 46	8 20	3 24	21 4	0 28	13 38	1 25	20 53	0 50	1 11	0 42	22 25	0 43	27 14	17 5	16 46	16 22	20 13		n.a.
T 19	23 13	17 53	4 39	18 41	0 38	8 42	3 24	21 14	0 29	13 35	1 25	20 54	0 50	1 11	0 42	22 26	0 43	27 13	17 5	16 45	16 21	20 13		n.a.
F 20	23 19	14 44	5 6	19 8	0 30	9 4	3 23	21 24	0 30	13 32	1 24	20 55	0 50	1 10	0 42	22 26	0 43	27 13	17 4	16 43	16 20	20 13		n.a.
S 21	23 24	10 49	5 12	19 35	0 21	9 26	3 23	21 34	0 30	13 28	1 24	20 56	0 50	1 10	0 42	22 26	0 43	27 12	17 4	16 42	16 19	20 13		n.a.
S 22	23 29	6 27	5 0	20 1	0 13	9 48	3 22	21 44	0 31	13 25	1 24	20 58	0 50	1 9	0 42	22 26	0 43	27 12	17 4	16 41	16 18	20 13		n.a.
M23	23 33	1 54	4 32	20 27	0 5	10 10	3 21	21 53	0 32	13 21	1 24	20 59	0 50	1 9	0 42	22 26	0 43	27 11	17 3	16 41	16 17	20 13		n.a.
T 24	23 37	2s35	3 51	20 52	0s 2	10 32	3 20	22 2	0 32	13 18	1 24	21 0	0 50	1 8	0 42	22 27	0 43	27 11	17 3	16 41	16 16	20 13		n.a.
W25	23 40	6 50	3 0	21 16	0 10	10 54	3 19	22 12	0 33	13 14	1 23	21 1	0 50	1 8	0 42	22 27	0 43	27 10	17 2	16 41	16 15	20 13		n.a.
T 26	23 43	10 44	2 2	21 40	0 17	11 16	3 17	22 20	0 34	13 11	1 23	21 2	0 50	1 7	0 42	22 27	0 43	27 10	17 2	16 41	16 14	20 13		n.a.
F 27	23 45	14 7	0 59	22 3	0 25	11 38	3 16	22 29	0 34	13 7	1 23	21 4	0 50	1 7	0 42	22 27	0 43	27 9	17 2	16 42	16 13	20 13		n.a.
S 28	23 47	16 53	0n 5	22 25	0 32	12 0	3 14	22 37	0 35	13 3	1 23	21 5	0 50	1 7	0 42	22 28	0 43	27 8	17 1	16 42	16 12	20 13		n.a.
S 29	23 48	18 56	1 8	22 46	0 39	12 22	3 12	22 45	0 36	12 59	1 22	21 6	0 50	1 6	0 42	22 28	0 43	27 8	17 1	16 42	16 11	20 14		n.a.
M30	23 49	20 10	2 9	23 6	0 45	12 43	3 11	22 53	0 36	12 56	1 22	21 7	0 50	1 6	0 42	22 28	0 43	27 7	17 1	16 41	16 10	20 14		n.a.
T 31	23s50	20s30	3n 4	23s26	0s52	13s 5	3n 9	23s 0	0s37	12s52	1s22	21s 8	0n50	1n 6	0n42	22s28	0n43	27s 7	17s 1	16s39	16s 9	20s14		n.a.

Julian Day Number = 1307563.5, Delta T = 07h44m36s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'58, Lahiri = -19°35'58 Julian Calendar 1 Dec. 1134 BCE == Greg. Calendar 20 Nov. 1134 BCE

The year -1133 astronomical counting style corresponds to year 1134 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

JANUARY 1133 BCE (-1132) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 57 8	0♉36'53	3♉30	13♐19	14♏22	11♐24	0♓22	7♐52	28♍53	17♐ 2	0♓52	15°R 4	13♏28	13♐29	n.a.	W 1
T 2	6 1 4	1°37'40	15°28	14°51	15°27	12°10	0°32	7°59	28°54	17° 4	0°53	14♏55	13°25	13°36	n.a.	T 2
F 3	6 5 1	2°38'26	27°33	16°23	16°33	12°57	0°43	8° 6	28°54	17° 7	0°54	14°46	13°22	13°43	n.a.	F 3
S 4	6 8 58	3°39'09	9♒46	17°56	17°39	13°44	0°53	8°12	28°55	17° 9	0°55	14°36	13°19	13°49	n.a.	S 4
S 5	6 12 54	4°39'51	22° 9	19°30	18°45	14°30	1° 4	8°19	28°55	17°11	0°55	14°28	13°16	13°56	n.a.	S 5
M 6	6 16 51	5°40'32	4♓43	21° 5	19°51	15°17	1°15	8°25	28°56	17°13	0°56	14°21	13°12	14° 3	n.a.	M 6
T 7	6 20 47	6°41'10	17°32	22°40	20°57	16° 4	1°26	8°32	28°56	17°15	0°57	14°17	13° 9	14° 9	n.a.	T 7
W 8	6 24 44	7°41'46	0♈37	24°16	22° 4	16°50	1°37	8°38	28°57	17°18	0°58	14°15	13° 6	14°16	n.a.	W 8
T 9	6 28 40	8°42'21	14° 2	25°54	23°11	17°37	1°48	8°45	28°57	17°20	0°59	14°D15	13° 3	14°23	n.a.	T 9
F 10	6 32 37	9°42'53	27°49	27°32	24°17	18°24	2° 0	8°51	28°57	17°22	1° 0	14°16	13° 0	14°29	n.a.	F 10
S 11	6 36 33	10°43'24	11♉59	29°11	25°24	19°11	2°11	8°58	28°57	17°24	1° 1	14°R17	12°56	14°36	n.a.	S 11
S 12	6 40 30	11°43'52	26°32	0♉51	26°32	19°57	2°23	9° 4	28°57	17°26	1° 2	14°16	12°53	14°43	n.a.	S 12
M13	6 44 27	12°44'19	11♊23	2°31	27°39	20°44	2°34	9°10	28°57	17°28	1° 3	14°13	12°50	14°49	n.a.	M13
T 14	6 48 23	13°44'43	26°28	4°13	28°47	21°31	2°46	9°17	28°R57	17°30	1° 4	14° 8	12°47	14°56	n.a.	T 14
W15	6 52 20	14°45'06	11♋37	5°56	29°54	22°18	2°58	9°23	28°57	17°33	1° 5	14° 0	12°44	15° 3	n.a.	W15
T 16	6 56 16	15°45'26	26°41	7°39	1♐ 2	23° 4	3° 9	9°29	28°57	17°35	1° 6	13°51	12°41	15° 9	n.a.	T 16
F 17	7 0 13	16°45'45	11♌29	9°24	2°10	23°51	3°21	9°35	28°57	17°37	1° 7	13°41	12°37	15°16	n.a.	F 17
S 18	7 4 9	17°46'02	25°53	11°10	3°18	24°38	3°33	9°41	28°57	17°39	1° 8	13°31	12°34	15°23	n.a.	S 18
S 19	7 8 6	18°46'17	9♍49	12°56	4°26	25°25	3°45	9°47	28°57	17°41	1° 9	13°24	12°31	15°29	n.a.	S 19
M20	7 12 2	19°46'31	23°15	14°44	5°35	26°12	3°58	9°53	28°56	17°43	1°11	13°18	12°28	15°36	n.a.	M20
T 21	7 15 59	20°46'43	6♎13	16°32	6°43	26°59	4°10	9°59	28°56	17°45	1°12	13°15	12°25	15°43	n.a.	T 21
W22	7 19 56	21°46'53	18°47	18°22	7°52	27°45	4°22	10° 5	28°56	17°47	1°13	13°D14	12°21	15°49	n.a.	W22
T 23	7 23 52	22°47'02	1♏ 1	20°13	9° 1	28°32	4°34	10°11	28°55	17°49	1°14	13°14	12°18	15°56	n.a.	T 23
F 24	7 27 49	23°47'09	13° 0	22° 4	10°10	29°19	4°47	10°17	28°54	17°51	1°15	13°R14	12°15	16° 3	n.a.	F 24
S 25	7 31 45	24°47'14	24°51	23°57	11°19	0♉ 6	4°59	10°23	28°54	17°53	1°16	13°14	12°12	16° 9	n.a.	S 25
S 26	7 35 42	25°47'17	6♐38	25°50	12°28	0°53	5°12	10°28	28°53	17°54	1°18	13°11	12° 9	16°16	n.a.	S 26
M27	7 39 38	26°47'18	18°25	27°45	13°37	1°40	5°25	10°34	28°53	17°56	1°19	13° 6	12° 6	16°23	n.a.	M27
T 28	7 43 35	27°47'18	0♉16	29°40	14°46	2°27	5°37	10°40	28°52	17°58	1°20	12°58	12° 2	16°29	n.a.	T 28
W29	7 47 31	28°47'16	12°15	1♒36	15°55	3°14	5°50	10°45	28°51	18° 0	1°21	12°47	11°59	16°36	n.a.	W29
T 30	7 51 28	29°47'11	24°22	3°32	17° 5	4° 1	6° 3	10°51	28°50	18° 2	1°23	12°34	11°56	16°43	n.a.	T 30
F 31	7 55 25	0♒47'05	6♒40	5♒30	18♐14	4♉47	6♓16	10♐56	28♍49	18♐ 4	1♓24	12♏21	11♏53	16♐49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s50	19s56	3n51	23s44	0s58	13s26	3n 7	23s 8	0s37	12s48	1s22	21s 9	0n50	1n 6	0n42	22s29	0n43	27s 6	17s 0	16s37	16s 8	20s14			n.a.
T 2	23 49	18 29	4 28	24 1	1 4	13 48	3 5	23 15	0 38	12 44	1 22	21 11	0 50	1 5	0 42	22 29	0 43	27 6	17 0	16 34	16 7	20 14			n.a.
F 3	23 48	16 12	4 54	24 17	1 10	14 9	3 2	23 22	0 39	12 40	1 21	21 12	0 50	1 5	0 42	22 29	0 43	27 5	17 0	16 32	16 6	20 14			n.a.
S 4	23 47	13 11	5 6	24 31	1 15	14 30	3 0	23 28	0 39	12 36	1 21	21 13	0 50	1 5	0 42	22 29	0 43	27 4	16 59	16 29	16 5	20 14			n.a.
S 5	23 45	9 34	5 4	24 45	1 21	14 50	2 58	23 34	0 40	12 32	1 21	21 14	0 50	1 5	0 42	22 29	0 43	27 4	16 59	16 26	16 4	20 14			n.a.
M 6	23 42	5 28	4 48	24 57	1 26	15 11	2 55	23 40	0 41	12 27	1 21	21 15	0 50	1 5	0 42	22 30	0 43	27 3	16 59	16 24	16 3	20 14			n.a.
T 7	23 39	1 4	4 17	25 7	1 30	15 31	2 52	23 46	0 41	12 23	1 21	21 16	0 50	1 4	0 42	22 30	0 43	27 2	16 58	16 23	16 2	20 14			n.a.
W 8	23 36	3n29	3 33	25 17	1 35	15 51	2 50	23 52	0 42	12 19	1 20	21 17	0 50	1 4	0 42	22 30	0 43	27 2	16 58	16 22	16 1	20 14			n.a.
T 9	23 32	8 0	2 35	25 25	1 39	16 11	2 47	23 57	0 42	12 15	1 20	21 18	0 50	1 4	0 42	22 30	0 43	27 1	16 58	16 22	16 0	20 14			n.a.
F 10	23 28	12 13	1 27	25 31	1 43	16 30	2 44	24 2	0 43	12 11	1 20	21 19	0 49	1 4	0 42	22 31	0 43	27 1	16 57	16 23	15 59	20 14			n.a.
S 11	23 23	15 52	0 12	25 36	1 46	16 49	2 41	24 6	0 44	12 6	1 20	21 20	0 49	1 4	0 42	22 31	0 43	27 0	16 57	16 23	15 58	20 14			n.a.
S 12	23 18	18 38	1s 5	25 39	1 49	17 8	2 38	24 11	0 44	12 2	1 20	21 21	0 49	1 4	0 42	22 31	0 43	26 59	16 57	16 23	15 58	20 14			n.a.
M13	23 12	20 12	2 20	25 40	1 52	17 26	2 35	24 15	0 45	11 57	1 19	21 22	0 49	1 4	0 42	22 31	0 43	26 59	16 57	16 22	15 57	20 14			n.a.
T 14	23 6	20 21	3 26	25 40	1 55	17 45	2 32	24 19	0 46	11 53	1 19	21 23	0 49	1 4	0 43	22 31	0 43	26 58	16 56	16 20	15 56	20 14			n.a.
W15	23 0	19 2	4 17	25 38	1 57	18 2	2 29	24 22	0 46	11 49	1 19	21 24	0 49	1 4	0 43	22 32	0 43	26 57	16 56	16 18	15 55	20 14			n.a.
T 16	22 53	16 24	4 51	25 34	1 58	18 20	2 25	24 25	0 47	11 44	1 19	21 25	0 49	1 4	0 43	22 32	0 43	26 57	16 56	16 15	15 54	20 14			n.a.
F 17	22 45	12 45	5 4	25 29	2 0	18 37	2 22	24 28	0 47	11 39	1 19	21 26	0 49	1 4	0 43	22 32	0 43	26 56	16 56	16 12	15 53	20 14			n.a.
S 18	22 38	8 27	4 57	25 21	2 0	18 53	2 19	24 31	0 48	11 35	1 19	21 27	0 49	1 4	0 43	22 32	0 43	26 56	16 55	16 9	15 52	20 14			n.a.
S 19	22 29	3 49	4 33	25 12	2 1	19 9	2 15	24 33	0 49	11 30	1 18	21 28	0 49	1 5	0 43	22 32	0 43	26 55	16 55	16 7	15 51	20 14			n.a.
M20	22 21	0s51	3 54	25 0	2 1	19 25	2 12	24 35	0 49	11 26	1 18	21 29	0 49	1 5	0 43	22 32	0 43	26 54	16 55	16 5	15 50	20 14			n.a.
T 21	22 12	5 19	3 4	24 47	2 0	19 41	2 8	24 37	0 50	11 21	1 18	21 30	0 49	1 5	0 43	22 33	0 43	26 54	16 55	16 4	15 49	20 14			n.a.
W22	22 2	9 25	2 7	24 31	1 59	19 55	2 5	24 39	0 50	11 16	1 18	21 31	0 49	1 5	0 43	22 33	0 43	26 53	16 54	16 4	15 48	20 14			n.a.
T 23	21 52	13 1	1 5	24 13	1 58	20 10	2 1	24 40	0 51	11 11	1 18	21 32	0 49	1 5	0 43	22 33	0 43	26 52	16 54	16 4	15 47	20 14			n.a.
F 24	21 42	16 1	0 1	23 53	1 56	20 24	1 58	24 41	0 51	11 7	1 18	21 33	0 49	1 6	0 43	22 33	0 43	26 52	16 54	16 4	15 46	20 14			n.a.
S 25	21 31	18 18	1n 1	23 32	1 53	20 37	1 54	24 42	0 52	11 2	1 17	21 33	0 49	1 6	0 43	22 33	0 43	26 51	16 54	16 4	15 45	20 14			n.a.
S 26	21 20	19 47	2 1	23 8	1 50	20 50	1 50	24 42	0 53	10 57	1 17	21 34	0 49	1 6	0 43	22 34	0 43	26 50	16 54	16 3	15 44	20 14			n.a.
M27	21 8	20 24	2 55	22 41	1 47	21 3	1 46	24 42	0 53	10 52	1 17	21 35	0 49	1 7	0 43	22 34	0 43	26 50	16 53	16 1	15 43	20 14			n.a.
T 28	20 56	20 7	3 42	22 13	1 42	21 14	1 43	24 42	0 54	10 47	1 17	21 36	0 49	1 7	0 43	22 34	0 43	26 49	16 53	15 59	15 42	20 14			n.a.
W29	20 44	18 57	4 20	21 42	1 37	21 26	1 39	24 41	0 54	10 42	1 17	21 37	0 49	1 7	0 43	22 34	0 43	26 48	16 53	15 56	15 41	20 14			n.a.
T 30	20 31	16 54	4 46	21 10	1 32	21 37	1 35	24 41	0 55	10 37	1 17	21 38	0 49	1 8	0 43	22 34	0 43	26 48	16 53	15 52	15 40	20 14			n.a.
F 31	20s18	14s 5	4n59	20s35	1s26	21s47	1n31	24s40	0s55	10s32	1s17	21s38	0n49	1n 8	0n43	22s34	0n43	26s47	16s53	15s47	15s39	20s14			n.a.

Julian Day Number = 1307594.5, Delta T = 07h44m34s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'54, Lahiri = -19°35'53 Julian Calendar 1 Jan. 1133 BCE == Greg. Calendar 21 Dec. 1134 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

FEBRUARY 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 21	1♒46'56	19♒ 7	7♒27	19♐24	5♑34	6♓29	11♐ 1	28°R48	18♐ 5	1♓25	12°R 7	11♏50	16♐56	n.a.	S 1
S 2	8 3 18	2°46'46	1♓46	9°25	20°34	6°21	6°42	11° 7	28♍47	18° 7	1°26	11♏54	11°47	17° 3	n.a.	S 2
M 3	8 7 14	3°46'32	14°35	11°23	21°43	7° 8	6°55	11°12	28°46	18° 9	1°28	11°44	11°43	17° 9	n.a.	M 3
T 4	8 11 11	4°46'17	27°36	13°21	22°53	7°55	7° 8	11°17	28°45	18°11	1°29	11°37	11°40	17°16	n.a.	T 4
W 5	8 15 7	5°45'59	10♈50	15°18	24° 3	8°42	7°22	11°22	28°44	18°12	1°30	11°33	11°37	17°23	n.a.	W 5
T 6	8 19 4	6°45'39	24°17	17°15	25°13	9°29	7°35	11°27	28°43	18°14	1°32	11°31	11°34	17°29	n.a.	T 6
F 7	8 23 0	7°45'16	7♉59	19°10	26°23	10°15	7°48	11°32	28°42	18°16	1°33	11°31	11°31	17°36	n.a.	F 7
S 8	8 26 57	8°44'51	21°57	21° 4	27°33	11° 2	8° 2	11°37	28°40	18°17	1°34	11°31	11°27	17°43	n.a.	S 8
S 9	8 30 53	9°44'24	6♊12	22°56	28°43	11°49	8°15	11°42	28°39	18°19	1°36	11°29	11°24	17°49	n.a.	S 9
M10	8 34 50	10°43'54	20°42	24°46	29°54	12°36	8°28	11°46	28°38	18°20	1°37	11°26	11°21	17°56	n.a.	M10
T 11	8 38 47	11°43'22	5♋24	26°33	1♑ 4	13°23	8°42	11°51	28°36	18°22	1°38	11°20	11°18	18° 3	n.a.	T 11
W12	8 42 43	12°42'47	20°12	28°17	2°14	14°10	8°56	11°56	28°35	18°24	1°40	11°11	11°15	18°10	n.a.	W12
T 13	8 46 40	13°42'10	4♌57	29°57	3°25	14°56	9° 9	12° 0	28°33	18°25	1°41	10°59	11°12	18°16	n.a.	T 13
F 14	8 50 36	14°41'30	19°32	1♓33	4°35	15°43	9°23	12° 5	28°32	18°26	1°42	10°48	11° 8	18°23	n.a.	F 14
S 15	8 54 33	15°40'49	3♍49	3° 5	5°46	16°30	9°36	12° 9	28°30	18°28	1°44	10°36	11° 5	18°30	n.a.	S 15
S 16	8 58 29	16°40'05	17°43	4°31	6°56	17°17	9°50	12°13	28°28	18°29	1°45	10°26	11° 2	18°36	n.a.	S 16
M17	9 2 26	17°39'19	1♎11	5°53	8° 7	18° 3	10° 4	12°18	28°27	18°31	1°47	10°19	10°59	18°43	n.a.	M17
T 18	9 6 22	18°38'32	14°12	7° 8	9°18	18°50	10°18	12°22	28°25	18°32	1°48	10°14	10°56	18°50	n.a.	T 18
W19	9 10 19	19°37'42	26°49	8°18	10°28	19°37	10°32	12°26	28°23	18°33	1°50	10°12	10°53	18°56	n.a.	W19
T 20	9 14 16	20°36'51	9♏ 7	9°22	11°39	20°24	10°45	12°30	28°22	18°35	1°51	10°D12	10°49	19° 3	n.a.	T 20
F 21	9 18 12	21°35'57	21° 9	10°19	12°50	21°10	10°59	12°34	28°20	18°36	1°52	10°R12	10°46	19°10	n.a.	F 21
S 22	9 22 9	22°35'02	3♐ 2	11° 9	14° 1	21°57	11°13	12°38	28°18	18°37	1°54	10°11	10°43	19°16	n.a.	S 22
S 23	9 26 5	23°34'05	14°50	11°52	15°12	22°44	11°27	12°41	28°16	18°38	1°55	10° 9	10°40	19°23	n.a.	S 23
M24	9 30 2	24°33'06	26°40	12°28	16°23	23°30	11°41	12°45	28°14	18°40	1°57	10° 5	10°37	19°30	n.a.	M24
T 25	9 33 58	25°32'05	8♑35	12°58	17°34	24°17	11°55	12°49	28°12	18°41	1°58	9°58	10°33	19°36	n.a.	T 25
W26	9 37 55	26°31'02	20°39	13°20	18°45	25° 4	12° 9	12°52	28°10	18°42	2° 0	9°49	10°30	19°43	n.a.	W26
T 27	9 41 51	27°29'56	2♒56	13°35	19°56	25°50	12°23	12°56	28° 8	18°43	2° 1	9°38	10°27	19°50	n.a.	T 27
F 28	9 45 48	28°28'49	15°26	13°43	21° 7	26°37	12°37	12°59	28° 6	18°44	2° 2	9°25	10°24	19°56	n.a.	F 28
S 29	9 49 44	29♒27'40	28♒10	13°R45	22♑18	27♑23	12♓51	13♐ 2	28♍ 4	18♐45	2♓ 4	9♏13	10♏21	20♐ 3	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20s 5	10s37	4n58	19s59	1s19	21s57	1n28	24s38	0s56	10s27	1s16	21s39	0n49	1n 8	0n43	22s35	0n43	26s46	16s52	15s43	15s38	20s13		n.a.	S 1
S 2	19 51	6 37	4 43	19 20	1 12	22 6	1 24	24 37	0 56	10 22	1 16	21 40	0 49	1 9	0 43	22 35	0 43	26 46	16 52	15 39	15 37	20 13		n.a.	S 2
M 3	19 37	2 17	4 13	18 40	1 4	22 14	1 20	24 35	0 57	10 17	1 16	21 41	0 49	1 9	0 43	22 35	0 43	26 45	16 52	15 36	15 36	20 13		n.a.	M 3
T 4	19 23	2n14	3 30	17 58	0 55	22 22	1 16	24 33	0 57	10 12	1 16	21 41	0 49	1 10	0 43	22 35	0 43	26 44	16 52	15 34	15 35	20 13		n.a.	T 4
W 5	19 8	6 43	2 35	17 14	0 46	22 29	1 12	24 30	0 58	10 7	1 16	21 42	0 49	1 10	0 43	22 35	0 43	26 44	16 52	15 33	15 34	20 13		n.a.	W 5
T 6	18 53	10 57	1 30	16 29	0 36	22 36	1 8	24 27	0 58	10 2	1 16	21 43	0 49	1 11	0 43	22 35	0 43	26 43	16 52	15 32	15 33	20 13		n.a.	T 6
F 7	18 38	14 41	0 19	15 43	0 25	22 42	1 5	24 24	0 59	9 57	1 16	21 43	0 49	1 11	0 43	22 35	0 43	26 43	16 51	15 32	15 32	20 13		n.a.	F 7
S 8	18 22	17 40	0s55	14 56	0 14	22 48	1 1	24 21	0 59	9 52	1 16	21 44	0 49	1 12	0 43	22 36	0 43	26 42	16 51	15 32	15 31	20 13		n.a.	S 8
S 9	18 6	19 37	2 7	14 8	0 3	22 52	0 57	24 17	1 0	9 46	1 16	21 45	0 49	1 12	0 43	22 36	0 43	26 41	16 51	15 31	15 30	20 13		n.a.	S 9
M10	17 50	20 19	3 11	13 20	0n 9	22 57	0 53	24 13	1 0	9 41	1 15	21 45	0 49	1 13	0 43	22 36	0 43	26 41	16 51	15 30	15 29	20 13		n.a.	M10
T 11	17 33	19 39	4 4	12 32	0 22	23 0	0 49	24 9	1 1	9 36	1 15	21 46	0 49	1 14	0 43	22 36	0 43	26 40	16 51	15 28	15 28	20 13		n.a.	T 11
W12	17 16	17 39	4 41	11 43	0 35	23 3	0 45	24 5	1 1	9 31	1 15	21 47	0 49	1 14	0 43	22 36	0 43	26 39	16 51	15 25	15 27	20 12		n.a.	W12
T 13	16 59	14 30	4 59	10 56	0 48	23 5	0 42	24 0	1 2	9 25	1 15	21 47	0 49	1 15	0 43	22 36	0 43	26 39	16 51	15 22	15 26	20 12		n.a.	T 13
F 14	16 41	10 30	4 57	10 9	1 1	23 7	0 38	23 55	1 2	9 20	1 15	21 48	0 49	1 15	0 43	22 36	0 43	26 38	16 51	15 18	15 25	20 12		n.a.	F 14
S 15	16 24	5 59	4 36	9 24	1 14	23 8	0 34	23 50	1 3	9 15	1 15	21 49	0 49	1 16	0 43	22 36	0 43	26 37	16 50	15 15	15 24	20 12		n.a.	S 15
S 16	16 6	1 15	4 0	8 40	1 27	23 8	0 30	23 44	1 3	9 9	1 15	21 49	0 49	1 17	0 43	22 37	0 43	26 37	16 50	15 11	15 23	20 12		n.a.	S 16
M17	15 47	3s23	3 11	7 57	1 40	23 8	0 27	23 38	1 4	9 4	1 15	21 50	0 49	1 17	0 44	22 37	0 43	26 36	16 50	15 9	15 22	20 12		n.a.	M17
T 18	15 29	7 44	2 13	7 17	1 53	23 7	0 23	23 32	1 4	8 59	1 15	21 50	0 49	1 18	0 44	22 37	0 43	26 36	16 50	15 8	15 21	20 12		n.a.	T 18
W19	15 10	11 36	1 10	6 39	2 5	23 5	0 19	23 26	1 5	8 53	1 15	21 51	0 49	1 19	0 44	22 37	0 43	26 35	16 50	15 7	15 20	20 12		n.a.	W19
T 20	14 51	14 51	0 6	6 4	2 17	23 3	0 16	23 19	1 5	8 48	1 14	21 51	0 49	1 20	0 44	22 37	0 43	26 34	16 50	15 7	15 19	20 11		n.a.	T 20
F 21	14 32	17 25	0n58	5 32	2 29	23 0	0 12	23 13	1 6	8 42	1 14	21 52	0 49	1 20	0 44	22 37	0 43	26 34	16 50	15 7	15 18	20 11		n.a.	F 21
S 22	14 13	19 10	1 58	5 3	2 40	22 56	0 9	23 5	1 6	8 37	1 14	21 52	0 49	1 21	0 44	22 37	0 43	26 33	16 50	15 7	15 17	20 11		n.a.	S 22
S 23	13 53	20 5	2 53	4 37	2 50	22 52	0 5	22 58	1 6	8 31	1 14	21 53	0 49	1 22	0 44	22 37	0 43	26 33	16 50	15 6	15 16	20 11		n.a.	S 23
M24	13 33	20 7	3 40	4 14	2 59	22 47	0 2	22 50	1 7	8 26	1 14	21 53	0 49	1 23	0 44	22 37	0 43	26 32	16 50	15 5	15 15	20 11		n.a.	M24
T 25	13 13	19 15	4 18	3 55	3 8	22 41	0s 2	22 43	1 7	8 20	1 14	21 54	0 49	1 24	0 44	22 37	0 43	26 31	16 50	15 3	15 14	20 11		n.a.	T 25
W26	12 53	17 31	4 45	3 40	3 15	22 35	0 5	22 34	1 8	8 15	1 14	21 54	0 49	1 24	0 44	22 38	0 43	26 31	16 50	15 0	15 13	20 10		n.a.	W26
T 27	12 32	14 58	5 0	3 28	3 21	22 28	0 9	22 26	1 8	8 9	1 14	21 55	0 49	1 25	0 44	22 38	0 43	26 30	16 50	14 56	15 12	20 10		n.a.	T 27
F 28	12 12	11 42	5 0	3 20	3 26	22 20	0 12	22 17	1 8	8 4	1 14	21 55	0 49	1 26	0 44	22 38	0 43	26 30	16 50	14 52	15 11	20 10		n.a.	F 28
S 29	11s51	7s51	4n46	3s17	3n30	22s12	0s15	22s 9	1s 9	7s58	1s14	21s55	0n49	1n27	0n44	22s38	0n43	26s29	16s50	14s48	15s10	20s10		n.a.	S 29

Julian Day Number = 1307625.5, Delta T = 07h44m33s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'50, Lahiri = -19°35'49 Julian Calendar 1 Feb. 1133 BCE == Greg. Calendar 21 Jan. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

MARCH 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 53 41	0♓26'29	11♓ 8	13°R39	23♉30	28♉10	13♓ 5	13♐ 6	28°R 2	18♐46	2♓ 5	9°R 1	10♏18	20♐10	n.a.	S 1
M 2	9 57 38	1°25'15	24°18	13♓28	24°41	28°56	13°20	13° 9	28♍ 0	18°47	2° 7	8♏52	10°14	20°16	n.a.	M 2
T 3	10 1 34	2°23'59	7♈40	13°10	25°52	29°43	13°34	13°12	27°57	18°48	2° 8	8°46	10°11	20°23	n.a.	T 3
W 4	10 5 31	3°22'41	21°12	12°47	27° 3	0♒29	13°48	13°15	27°55	18°49	2°10	8°42	10° 8	20°30	n.a.	W 4
T 5	10 9 27	4°21'21	4♉54	12°19	28°15	1°16	14° 2	13°17	27°53	18°50	2°11	8°D41	10° 5	20°36	n.a.	T 5
F 6	10 13 24	5°19'58	18°44	11°46	29°26	2° 2	14°16	13°20	27°51	18°51	2°13	8°41	10° 2	20°43	n.a.	F 6
S 7	10 17 20	6°18'33	2♊44	11°10	0♒37	2°48	14°31	13°23	27°48	18°52	2°14	8°R42	9°58	20°50	n.a.	S 7
S 8	10 21 17	7°17'06	16°51	10°30	1°49	3°35	14°45	13°25	27°46	18°52	2°15	8°41	9°55	20°56	n.a.	S 8
M 9	10 25 13	8°15'36	1♋ 6	9°49	3° 0	4°21	14°59	13°28	27°44	18°53	2°17	8°39	9°52	21° 3	n.a.	M 9
T 10	10 29 10	9°14'04	15°26	9° 6	4°12	5° 7	15°13	13°30	27°41	18°54	2°18	8°35	9°49	21°10	n.a.	T 10
W11	10 33 6	10°12'30	29°48	8°22	5°23	5°54	15°27	13°33	27°39	18°55	2°20	8°28	9°46	21°16	n.a.	W11
T 12	10 37 3	11°10'53	14♌ 6	7°39	6°35	6°40	15°42	13°35	27°37	18°55	2°21	8°20	9°43	21°23	n.a.	T 12
F 13	10 41 0	12° 9'14	28°16	6°57	7°46	7°26	15°56	13°37	27°34	18°56	2°23	8°11	9°39	21°30	n.a.	F 13
S 14	10 44 56	13° 7'33	12♍12	6°16	8°58	8°12	16°10	13°39	27°32	18°57	2°24	8° 2	9°36	21°37	n.a.	S 14
S 15	10 48 53	14° 5'51	25°50	5°38	10°10	8°58	16°25	13°41	27°29	18°57	2°25	7°54	9°33	21°43	n.a.	S 15
M16	10 52 49	15° 4'06	9♎ 7	5° 3	11°21	9°44	16°39	13°43	27°27	18°58	2°27	7°49	9°30	21°50	n.a.	M16
T 17	10 56 46	16° 2'19	22° 3	4°31	12°33	10°30	16°53	13°44	27°24	18°58	2°28	7°45	9°27	21°57	n.a.	T 17
W18	11 0 42	17° 0'31	4♏38	4° 3	13°45	11°16	17° 7	13°46	27°22	18°59	2°30	7°D44	9°24	22° 3	n.a.	W18
T 19	11 4 39	17°58'41	16°56	3°40	14°56	12° 2	17°22	13°48	27°19	18°59	2°31	7°44	9°20	22°10	n.a.	T 19
F 20	11 8 35	18°56'50	29° 0	3°21	16° 8	12°48	17°36	13°49	27°17	19° 0	2°32	7°45	9°17	22°17	n.a.	F 20
S 21	11 12 32	19°54'56	10♐55	3° 6	17°20	13°34	17°50	13°50	27°14	19° 0	2°34	7°47	9°14	22°23	n.a.	S 21
S 22	11 16 28	20°53'02	22°46	2°57	18°32	14°20	18° 4	13°52	27°12	19° 0	2°35	7°R47	9°11	22°30	n.a.	S 22
M23	11 20 25	21°51'06	4♑38	2°D52	19°44	15° 6	18°19	13°53	27° 9	19° 1	2°37	7°46	9° 8	22°37	n.a.	M23
T 24	11 24 22	22°49'08	16°35	2°53	20°55	15°52	18°33	13°54	27° 7	19° 1	2°38	7°43	9° 4	22°43	n.a.	T 24
W25	11 28 18	23°47'08	28°44	2°58	22° 7	16°38	18°47	13°55	27° 4	19° 1	2°39	7°39	9° 1	22°50	n.a.	W25
T 26	11 32 15	24°45'08	11♒ 6	3° 8	23°19	17°23	19° 1	13°56	27° 2	19° 1	2°41	7°32	8°58	22°57	n.a.	T 26
F 27	11 36 11	25°43'05	23°45	3°22	24°31	18° 9	19°16	13°56	26°59	19° 2	2°42	7°25	8°55	23° 3	n.a.	F 27
S 28	11 40 8	26°41'01	6♓42	3°41	25°43	18°55	19°30	13°57	26°57	19° 2	2°43	7°18	8°52	23°10	n.a.	S 28
S 29	11 44 4	27°38'55	19°57	4° 5	26°55	19°40	19°44	13°58	26°54	19° 2	2°45	7°12	8°49	23°17	n.a.	S 29
M30	11 48 1	28°36'48	3♈29	4°33	28° 7	20°26	19°58	13°58	26°52	19° 2	2°46	7° 7	8°45	23°23	n.a.	M30
T 31	11 51 57	29♓34'39	17♈15	5♓ 5	29♒19	21♒11	20♓12	13♐59	26♍49	19♐ 2	2♓47	7♏ 3	8♏42	23♐30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s30	3s34	4n16	3s17	3n32	22s 3	0s19	22s 0	1s 9	7s53	1s14	21s56	0n49	1n28	0n44	22s38	0n43	26s28	16s50	14s44	15s 9	20s10			n.a.
M 2	11 9	0n57	3 33	3 21	3 32	21 54	0 22	21 50	1 10	7 47	1 14	21 56	0 49	1 29	0 44	22 38	0 43	26 28	16 50	14 41	15 8	20 10			n.a.
T 3	10 47	5 29	2 37	3 28	3 32	21 43	0 25	21 41	1 10	7 42	1 14	21 57	0 49	1 30	0 44	22 38	0 43	26 27	16 50	14 39	15 7	20 9			n.a.
W 4	10 26	9 49	1 32	3 39	3 29	21 33	0 28	21 31	1 10	7 36	1 14	21 57	0 49	1 30	0 44	22 38	0 43	26 27	16 50	14 38	15 6	20 9			n.a.
T 5	10 4	13 41	0 20	3 54	3 25	21 21	0 31	21 21	1 11	7 30	1 14	21 57	0 49	1 31	0 44	22 38	0 43	26 26	16 50	14 38	15 5	20 9			n.a.
F 6	9 42	16 49	0s53	4 11	3 20	21 9	0 34	21 11	1 11	7 25	1 13	21 58	0 49	1 32	0 44	22 38	0 43	26 26	16 50	14 38	15 4	20 9			n.a.
S 7	9 21	19 0	2 5	4 32	3 13	20 57	0 37	21 0	1 11	7 19	1 13	21 58	0 49	1 33	0 44	22 38	0 43	26 25	16 50	14 38	15 3	20 9			n.a.
S 8	8 58	20 2	3 9	4 55	3 4	20 43	0 40	20 50	1 12	7 14	1 13	21 58	0 49	1 34	0 44	22 38	0 43	26 25	16 50	14 38	15 2	20 8			n.a.
M 9	8 36	19 47	4 2	5 20	2 54	20 30	0 43	20 39	1 12	7 8	1 13	21 59	0 49	1 35	0 44	22 38	0 43	26 24	16 50	14 37	15 1	20 8			n.a.
T 10	8 14	18 16	4 41	5 47	2 43	20 15	0 45	20 28	1 12	7 2	1 13	21 59	0 49	1 36	0 44	22 38	0 43	26 24	16 50	14 36	15 0	20 8			n.a.
W11	7 52	15 37	5 1	6 15	2 30	20 0	0 48	20 16	1 13	6 57	1 13	21 59	0 49	1 37	0 44	22 39	0 43	26 23	16 50	14 33	14 59	20 8			n.a.
T 12	7 29	12 2	5 3	6 44	2 16	19 45	0 51	20 5	1 13	6 51	1 13	22 0	0 49	1 38	0 44	22 39	0 43	26 23	16 50	14 31	14 57	20 7			n.a.
F 13	7 7	7 48	4 47	7 13	2 2	19 29	0 53	19 53	1 13	6 45	1 13	22 0	0 49	1 39	0 44	22 39	0 43	26 22	16 50	14 28	14 56	20 7			n.a.
S 14	6 44	3 12	4 13	7 42	1 47	19 12	0 56	19 41	1 13	6 40	1 13	22 0	0 49	1 40	0 44	22 39	0 43	26 22	16 50	14 25	14 55	20 7			n.a.
S 15	6 21	1s27	3 25	8 11	1 31	18 55	0 58	19 29	1 14	6 34	1 13	22 0	0 49	1 41	0 44	22 39	0 43	26 21	16 50	14 22	14 54	20 7			n.a.
M16	5 59	5 56	2 28	8 39	1 15	18 37	1 0	19 17	1 14	6 28	1 13	22 0	0 49	1 42	0 44	22 39	0 43	26 21	16 50	14 20	14 53	20 6			n.a.
T 17	5 36	10 1	1 23	9 6	0 59	18 19	1 3	19 5	1 14	6 23	1 13	22 1	0 49	1 43	0 44	22 39	0 43	26 20	16 50	14 19	14 52	20 6			n.a.
W18	5 13	13 32	0 17	9 31	0 42	18 0	1 5	18 52	1 14	6 17	1 13	22 1	0 49	1 44	0 44	22 39	0 43	26 20	16 50	14 19	14 51	20 6			n.a.
T 19	4 50	16 23	0n49	9 55	0 26	17 41	1 7	18 39	1 15	6 11	1 13	22 1	0 49	1 45	0 44	22 39	0 43	26 19	16 50	14 19	14 50	20 6			n.a.
F 20	4 27	18 26	1 52	10 17	0 10	17 21	1 9	18 26	1 15	6 6	1 13	22 1	0 49	1 46	0 44	22 39	0 43	26 19	16 50	14 19	14 49	20 5			n.a.
S 21	4 3	19 39	2 49	10 37	0s 5	17 1	1 11	18 13	1 15	6 0	1 13	22 1	0 49	1 47	0 44	22 39	0 43	26 18	16 50	14 20	14 48	20 5			n.a.
S 22	3 40	19 59	3 39	10 54	0 21	16 41	1 13	18 0	1 15	5 54	1 13	22 2	0 49	1 48	0 44	22 39	0 43	26 18	16 51	14 20	14 47	20 5			n.a.
M23	3 17	19 26	4 19	11 10	0 35	16 19	1 15	17 46	1 16	5 49	1 13	22 2	0 49	1 49	0 44	22 39	0 43	26 18	16 51	14 19	14 46	20 5			n.a.
T 24	2 54	18 0	4 49	11 23	0 49	15 58	1 17	17 33	1 16	5 43	1 13	22 2	0 49	1 50	0 44	22 39	0 43	26 17	16 51	14 19	14 45	20 4			n.a.
W25	2 30	15 46	5 5	11 33	1 3	15 36	1 19	17 19	1 16	5 37	1 13	22 2	0 49	1 51	0 44	22 39	0 43	26 17	16 51	14 17	14 44	20 4			n.a.
T 26	2 7	12 47	5 8	11 42	1 15	15 14	1 20	17 5	1 16	5 32	1 13	22 2	0 49	1 52	0 44	22 39	0 43	26 16	16 51	14 15	14 43	20 4			n.a.
F 27	1 44	9 9	4 57	11 47	1 27	14 51	1 22	16 51	1 16	5 26	1 13	22 2	0 49	1 53	0 44	22 39	0 43	26 16	16 51	14 13	14 42	20 4			n.a.
S 28	1 20	5 2	4 30	11 51	1 39	14 27	1 23	16 37	1 17	5 20	1 13	22 2	0 49	1 54	0 44	22 39	0 43	26 16	16 51	14 10	14 41	20 3			n.a.
S 29	0 57	0 34	3 48	11 52	1 49	14 4	1 25	16 22	1 17	5 15	1 13	22 2	0 49	1 55	0 44	22 39	0 43	26 15	16 51	14 8	14 40	20 3			n.a.
M30	0 34	4n 2	2 52	11 50	1 59	13 40	1 26	16 8	1 17	5 9	1 13	22 2	0 49	1 56	0 44	22 39	0 43	26 15	16 52	14 6	14 39	20 3			n.a.
T 31	0s10	8n30	1n46	11s47	2s 8	13s16	1s28	15s53	1s17	5s 3	1s13	22s 2	0n49	1n57	0n44	22s39	0n43	26s14	16s52	14s 5	14s38	20s 2			n.a.

Julian Day Number = 1307654.5, Delta T = 07h44m31s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'46, Lahiri = -19°35'45 Julian Calendar 1 March 1133 BCE == Greg. Calendar 19 Feb. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

APRIL 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 55 54	0♈32'28	1♉12	5♓41	0♓31	21♒57	20♓26	13♐59	26°R47	19°R 2	2♓49	7°D 2	8♏39	23♐37	n.a.	W 1
T 2	11 59 51	1°30'16	15°17	6°21	1°43	22°42	20°41	13°59	26♏44	19♐ 2	2°50	7♏ 2	8°36	23°43	n.a.	T 2
F 3	12 3 47	2°28'02	29°28	7° 4	2°55	23°28	20°55	13°R59	26°42	19° 2	2°51	7° 3	8°33	23°50	n.a.	F 3
S 4	12 7 44	3°25'46	13♊41	7°51	4° 7	24°13	21° 9	13°59	26°39	19° 2	2°53	7° 5	8°30	23°57	n.a.	S 4
S 5	12 11 40	4°23'28	27°53	8°42	5°19	24°58	21°23	13°59	26°36	19° 2	2°54	7°R 5	8°26	24° 4	n.a.	S 5
M 6	12 15 37	5°21'09	12♋ 4	9°36	6°32	25°43	21°37	13°59	26°34	19° 2	2°55	7° 5	8°23	24°10	n.a.	M 6
T 7	12 19 33	6°18'48	26°11	10°33	7°44	26°29	21°51	13°58	26°32	19° 1	2°56	7° 4	8°20	24°17	n.a.	T 7
W 8	12 23 30	7°16'24	10♌13	11°34	8°56	27°14	22° 5	13°58	26°29	19° 1	2°58	7° 1	8°17	24°24	n.a.	W 8
T 9	12 27 26	8°14'00	24° 5	12°37	10° 8	27°59	22°19	13°58	26°27	19° 1	2°59	6°58	8°14	24°30	n.a.	T 9
F 10	12 31 23	9°11'33	7♍48	13°43	11°20	28°44	22°33	13°57	26°24	19° 1	3° 0	6°54	8°10	24°37	n.a.	F 10
S 11	12 35 19	10° 9'05	21°17	14°52	12°32	29°29	22°47	13°56	26°22	19° 0	3° 1	6°50	8° 7	24°44	n.a.	S 11
S 12	12 39 16	11° 6'36	4♎31	16° 4	13°45	0♓14	23° 0	13°56	26°19	19° 0	3° 2	6°46	8° 4	24°50	n.a.	S 12
M13	12 43 13	12° 4'05	17°30	17°19	14°57	0°59	23°14	13°55	26°17	19° 0	3° 4	6°44	8° 1	24°57	n.a.	M13
T 14	12 47 9	13° 1'33	0♏12	18°36	16° 9	1°44	23°28	13°54	26°14	18°59	3° 5	6°43	7°58	25° 4	n.a.	T 14
W15	12 51 6	13°59'00	12°39	19°56	17°21	2°28	23°42	13°53	26°12	18°59	3° 6	6°D43	7°55	25°10	n.a.	W15
T 16	12 55 2	14°56'26	24°52	21°18	18°34	3°13	23°56	13°51	26°10	18°58	3° 7	6°44	7°51	25°17	n.a.	T 16
F 17	12 58 59	15°53'51	6♐55	22°43	19°46	3°58	24° 9	13°50	26° 7	18°58	3° 8	6°45	7°48	25°24	n.a.	F 17
S 18	13 2 55	16°51'15	18°49	24°11	20°58	4°42	24°23	13°49	26° 5	18°57	3° 9	6°47	7°45	25°30	n.a.	S 18
S 19	13 6 52	17°48'38	0♑41	25°41	22°11	5°27	24°37	13°47	26° 3	18°57	3°10	6°48	7°42	25°37	n.a.	S 19
M20	13 10 48	18°46'00	12°33	27°13	23°23	6°11	24°50	13°46	26° 0	18°56	3°11	6°49	7°39	25°44	n.a.	M20
T 21	13 14 45	19°43'21	24°32	28°48	24°36	6°56	25° 4	13°44	25°58	18°56	3°12	6°R49	7°35	25°51	n.a.	T 21
W22	13 18 42	20°40'42	6♒41	0♈25	25°48	7°40	25°17	13°43	25°56	18°55	3°14	6°48	7°32	25°57	n.a.	W22
T 23	13 22 38	21°38'02	19° 4	2° 5	27° 1	8°25	25°31	13°41	25°54	18°54	3°15	6°47	7°29	26° 4	n.a.	T 23
F 24	13 26 35	22°35'21	1♓47	3°47	28°13	9° 9	25°44	13°39	25°51	18°54	3°16	6°45	7°26	26°11	n.a.	F 24
S 25	13 30 31	23°32'39	14°50	5°31	29°25	9°53	25°58	13°37	25°49	18°53	3°17	6°43	7°23	26°17	n.a.	S 25
S 26	13 34 28	24°29'56	28°15	7°18	0♈38	10°37	26°11	13°35	25°47	18°52	3°18	6°42	7°20	26°24	n.a.	S 26
M27	13 38 24	25°27'13	12♈ 2	9° 7	1°51	11°22	26°24	13°33	25°45	18°51	3°19	6°40	7°16	26°31	n.a.	M27
T 28	13 42 21	26°24'29	26° 8	10°59	3° 3	12° 6	26°38	13°31	25°43	18°51	3°19	6°40	7°13	26°37	n.a.	T 28
W29	13 46 17	27°21'44	10♉30	12°53	4°16	12°50	26°51	13°28	25°41	18°50	3°20	6°D40	7°10	26°44	n.a.	W29
T 30	13 50 14	28♈18'59	25♉ 2	14♈49	5♈28	13♓34	27♓ 4	13♐26	25♏39	18♐49	3♓21	6♏40	7♏ 7	26♐51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n13	12n35	0n32	11s41	2s16	12s51	1s29	15s38	1s17	4s58	1s13	22s 2	0n49	1n58	0n44	22s39	0n43	26s14	16s52	14s 5	14s37	20s 2		n.a.
T 2	0 36	15 58	0s45	11 33	2 23	12 26	1 30	15 23	1 17	4 52	1 13	22 2	0 49	1 59	0 44	22 39	0 43	26 14	16 52	14 5	14 36	20 2		n.a.
F 3	1 0	18 25	1 59	11 22	2 30	12 0	1 31	15 8	1 18	4 46	1 13	22 2	0 49	2 0	0 44	22 39	0 43	26 13	16 52	14 5	14 35	20 1		n.a.
S 4	1 23	19 43	3 7	11 10	2 36	11 35	1 32	14 53	1 18	4 41	1 13	22 2	0 49	2 1	0 44	22 39	0 43	26 13	16 52	14 6	14 34	20 1		n.a.
S 5	1 46	19 46	4 3	10 55	2 41	11 9	1 33	14 38	1 18	4 35	1 13	22 2	0 49	2 2	0 44	22 39	0 43	26 13	16 53	14 6	14 33	20 1		n.a.
M 6	2 10	18 34	4 44	10 38	2 45	10 42	1 34	14 22	1 18	4 30	1 13	22 2	0 49	2 3	0 44	22 39	0 43	26 12	16 53	14 6	14 32	20 0		n.a.
T 7	2 33	16 14	5 7	10 20	2 49	10 16	1 35	14 7	1 18	4 24	1 13	22 2	0 49	2 4	0 44	22 39	0 43	26 12	16 53	14 6	14 31	20 0		n.a.
W 8	2 56	12 58	5 12	9 59	2 52	9 49	1 35	13 51	1 18	4 18	1 13	22 2	0 49	2 5	0 44	22 39	0 43	26 12	16 53	14 5	14 30	20 0		n.a.
T 9	3 19	9 1	4 59	9 36	2 54	9 22	1 36	13 35	1 18	4 13	1 13	22 2	0 49	2 6	0 44	22 39	0 43	26 12	16 53	14 4	14 29	19 59		n.a.
F 10	3 42	4 38	4 29	9 12	2 55	8 55	1 36	13 20	1 18	4 7	1 13	22 2	0 49	2 7	0 44	22 39	0 43	26 11	16 54	14 2	14 28	19 59		n.a.
S 11	4 5	0 5	3 44	8 45	2 56	8 27	1 37	13 4	1 18	4 2	1 13	22 2	0 49	2 8	0 44	22 39	0 43	26 11	16 54	14 1	14 26	19 59		n.a.
S 12	4 28	4s23	2 48	8 17	2 56	7 59	1 37	12 48	1 18	3 56	1 13	22 2	0 49	2 9	0 44	22 39	0 43	26 11	16 54	14 0	14 25	19 58		n.a.
M13	4 51	8 34	1 44	7 47	2 56	7 31	1 38	12 31	1 19	3 51	1 13	22 2	0 49	2 10	0 44	22 39	0 43	26 10	16 54	13 59	14 24	19 58		n.a.
T 14	5 13	12 17	0 36	7 15	2 54	7 3	1 38	12 15	1 19	3 45	1 13	22 2	0 49	2 11	0 44	22 38	0 43	26 10	16 54	13 59	14 23	19 58		n.a.
W15	5 36	15 22	0n33	6 41	2 53	6 34	1 38	11 59	1 19	3 40	1 13	22 2	0 49	2 12	0 44	22 38	0 43	26 10	16 55	13 58	14 22	19 57		n.a.
T 16	5 59	17 42	1 38	6 6	2 50	6 6	1 38	11 42	1 19	3 34	1 13	22 2	0 49	2 13	0 44	22 38	0 43	26 10	16 55	13 59	14 21	19 57		n.a.
F 17	6 21	19 12	2 39	5 29	2 47	5 37	1 38	11 26	1 19	3 29	1 13	22 1	0 49	2 14	0 44	22 38	0 43	26 10	16 55	13 59	14 20	19 57		n.a.
S 18	6 44	19 50	3 32	4 50	2 43	5 8	1 38	11 9	1 19	3 23	1 14	22 1	0 49	2 15	0 44	22 38	0 43	26 9	16 55	14 0	14 19	19 56		n.a.
S 19	7 6	19 34	4 16	4 10	2 39	4 39	1 38	10 53	1 19	3 18	1 14	22 1	0 49	2 16	0 44	22 38	0 43	26 9	16 56	14 0	14 18	19 56		n.a.
M20	7 28	18 26	4 48	3 28	2 34	4 10	1 38	10 36	1 19	3 12	1 14	22 1	0 49	2 17	0 44	22 38	0 43	26 9	16 56	14 0	14 17	19 56		n.a.
T 21	7 50	16 30	5 9	2 45	2 28	3 40	1 37	10 19	1 19	3 7	1 14	22 1	0 49	2 18	0 44	22 38	0 43	26 9	16 56	14 1	14 16	19 55		n.a.
W22	8 12	13 48	5 16	2 0	2 22	3 11	1 37	10 3	1 19	3 2	1 14	22 1	0 49	2 18	0 44	22 38	0 44	26 9	16 56	14 0	14 15	19 55		n.a.
T 23	8 34	10 27	5 9	1 14	2 16	2 41	1 37	9 46	1 19	2 56	1 14	22 0	0 49	2 19	0 44	22 38	0 44	26 9	16 57	14 0	14 14	19 54		n.a.
F 24	8 56	6 34	4 47	0 26	2 8	2 11	1 36	9 29	1 19	2 51	1 14	22 0	0 49	2 20	0 44	22 38	0 44	26 8	16 57	13 59	14 13	19 54		n.a.
S 25	9 17	2 15	4 9	0n23	2 1	1 42	1 36	9 12	1 19	2 45	1 14	22 0	0 49	2 21	0 43	22 38	0 44	26 8	16 57	13 59	14 12	19 54		n.a.
S 26	9 39	2n18	3 17	1 13	1 53	1 12	1 35	8 55	1 19	2 40	1 14	22 0	0 49	2 22	0 43	22 38	0 44	26 8	16 58	13 58	14 11	19 53		n.a.
M27	10 0	6 51	2 12	2 5	1 44	0 42	1 34	8 38	1 18	2 35	1 14	21 59	0 49	2 23	0 43	22 38	0 44	26 8	16 58	13 58	14 10	19 53		n.a.
T 28	10 21	11 9	0 58	2 58	1 35	0 12	1 34	8 20	1 18	2 30	1 14	21 59	0 49	2 23	0 43	22 38	0 44	26 8	16 58	13 57	14 9	19 52		n.a.
W29	10 42	14 52	0s21	3 51	1 26	0n18	1 33	8 3	1 18	2 24	1 14	21 59	0 49	2 24	0 43	22 38	0 44	26 8	16 58	13 57	14 8	19 52		n.a.
T 30	11n 3	17n43	1s40	4n46	1s16	0n48	1s32	7s46	1s18	2s19	1s14	21s59	0n49	2n25	0n43	22s37	0n44	26s 8	16s59	13s58	14s 7	19s52		n.a.

Julian Day Number = 1307685.5, Delta T = 07h44m30s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'42, Lahiri = -19°35'41 Julian Calendar 1 Apr. 1133 BCE == Greg. Calendar 21 March 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

MAY 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 54 11	29♈16'12	9♊38	16♈47	6♈41	14♓17	27♓17	13°R23	25°R37	18°R48	3♓22	6♏40	7♏ 4	26♐57	n.a.	F 1
S 2	13 58 7	0♉13'25	24°13	18°47	7°53	15° 1	27°30	13♐21	25♍35	18♐47	3°23	6°41	7° 1	27° 4	n.a.	S 2
S 3	14 2 4	1°10'36	8♋41	20°50	9° 6	15°45	27°43	13°18	25°33	18°46	3°24	6°42	6°57	27°11	n.a.	S 3
M 4	14 6 0	2° 7'47	22°59	22°54	10°19	16°29	27°56	13°16	25°31	18°45	3°25	6°42	6°54	27°17	n.a.	M 4
T 5	14 9 57	3° 4'57	7♌ 4	25° 0	11°31	17°12	28° 9	13°13	25°29	18°44	3°26	6°R42	6°51	27°24	n.a.	T 5
W 6	14 13 53	4° 2'06	20°55	27° 7	12°44	17°56	28°22	13°10	25°28	18°43	3°27	6°42	6°48	27°31	n.a.	W 6
T 7	14 17 50	4°59'14	4♍30	29°16	13°57	18°39	28°35	13° 7	25°26	18°42	3°27	6°42	6°45	27°38	n.a.	T 7
F 8	14 21 47	5°56'21	17°50	1♉25	15°10	19°23	28°47	13° 4	25°24	18°41	3°28	6°41	6°41	27°44	n.a.	F 8
S 9	14 25 43	6°53'27	0♎55	3°36	16°22	20° 6	29° 0	13° 1	25°22	18°40	3°29	6°D41	6°38	27°51	n.a.	S 9
S 10	14 29 40	7°50'33	13°46	5°47	17°35	20°49	29°12	12°58	25°21	18°39	3°30	6°41	6°35	27°58	n.a.	S 10
M11	14 33 36	8°47'38	26°24	7°58	18°48	21°33	29°25	12°55	25°19	18°38	3°30	6°42	6°32	28° 4	n.a.	M11
T 12	14 37 33	9°44'43	8♏50	10°10	20° 1	22°16	29°37	12°51	25°18	18°37	3°31	6°R42	6°29	28°11	n.a.	T 12
W13	14 41 29	10°41'47	21° 5	12°21	21°13	22°59	29°50	12°48	25°16	18°35	3°32	6°41	6°26	28°18	n.a.	W13
T 14	14 45 26	11°38'51	3♐10	14°31	22°26	23°42	0♈ 2	12°45	25°15	18°34	3°32	6°41	6°22	28°24	n.a.	T 14
F 15	14 49 22	12°35'56	15° 8	16°41	23°39	24°25	0°14	12°41	25°13	18°33	3°33	6°41	6°19	28°31	n.a.	F 15
S 16	14 53 19	13°32'59	27° 1	18°50	24°52	25° 8	0°27	12°38	25°12	18°32	3°34	6°40	6°16	28°38	n.a.	S 16
S 17	14 57 16	14°30'03	8♑52	20°57	26° 5	25°50	0°39	12°34	25°10	18°31	3°34	6°39	6°13	28°45	n.a.	S 17
M18	15 1 12	15°27'07	20°45	23° 4	27°18	26°33	0°51	12°30	25° 9	18°29	3°35	6°38	6°10	28°51	n.a.	M18
T 19	15 5 9	16°24'11	2♒43	25° 8	28°31	27°16	1° 3	12°27	25° 8	18°28	3°35	6°37	6° 6	28°58	n.a.	T 19
W20	15 9 5	17°21'15	14°50	27°11	29°44	27°59	1°14	12°23	25° 6	18°27	3°36	6°D37	6° 3	29° 5	n.a.	W20
T 21	15 13 2	18°18'20	27°12	29°13	0♉57	28°41	1°26	12°19	25° 5	18°25	3°36	6°37	6° 0	29°11	n.a.	T 21
F 22	15 16 58	19°15'24	9♓52	1♊12	2°10	29°24	1°38	12°15	25° 4	18°24	3°37	6°37	5°57	29°18	n.a.	F 22
S 23	15 20 55	20°12'29	22°54	3°10	3°23	0♈ 6	1°50	12°11	25° 3	18°23	3°37	6°38	5°54	29°25	n.a.	S 23
S 24	15 24 51	21° 9'34	6♈20	5° 6	4°36	0°48	2° 1	12° 7	25° 2	18°21	3°38	6°40	5°51	29°31	n.a.	S 24
M25	15 28 48	22° 6'39	20°13	6°59	5°49	1°30	2°13	12° 3	25° 1	18°20	3°38	6°41	5°47	29°38	n.a.	M25
T 26	15 32 45	23° 3'44	4♉29	8°51	7° 2	2°13	2°24	11°59	25° 0	18°18	3°39	6°R41	5°44	29°45	n.a.	T 26
W27	15 36 41	24° 0'50	19° 7	10°41	8°15	2°55	2°35	11°55	24°59	18°17	3°39	6°41	5°41	29°51	n.a.	W27
T 28	15 40 38	24°57'56	4♊ 0	12°28	9°29	3°37	2°46	11°51	24°58	18°16	3°40	6°40	5°38	29°58	n.a.	T 28
F 29	15 44 34	25°55'03	19° 0	14°14	10°42	4°19	2°58	11°47	24°57	18°14	3°40	6°38	5°35	0♑ 5	n.a.	F 29
S 30	15 48 31	26°52'09	3♋58	15°58	11°55	5° 1	3° 9	11°43	24°57	18°13	3°40	6°35	5°32	0°12	n.a.	S 30
S 31	15 52 27	27♉49'15	18♋47	17♊39	13♉ 8	5♈42	3♈20	11♐39	24♍56	18♐11	3♓41	6♏33	5♏28	0♑18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n23	19n24	2s53	5n41	1s 6	1n18	1s31	7s29	1s18	2s14	1s14	21s58	0n49	2n26	0n43	22s37	0n44	26s 8	16s59	13s58	14s 5	19s51		n.a.
S 2	11 44	19 48	3 54	6 37	0 56	1 48	1 30	7 11	1 18	2 9	1 14	21 58	0 49	2 27	0 43	22 37	0 44	26 8	16 59	13 58	14 4	19 51		n.a.
S 3	12 4	18 53	4 40	7 34	0 45	2 18	1 29	6 54	1 18	2 3	1 14	21 58	0 49	2 27	0 43	22 37	0 44	26 7	17 0	13 58	14 3	19 50		n.a.
M 4	12 24	16 46	5 8	8 31	0 34	2 48	1 28	6 37	1 18	1 58	1 15	21 57	0 48	2 28	0 43	22 37	0 44	26 7	17 0	13 58	14 2	19 50		n.a.
T 5	12 44	13 41	5 17	9 28	0 24	3 18	1 27	6 19	1 18	1 53	1 15	21 57	0 48	2 29	0 43	22 37	0 44	26 7	17 0	13 58	14 1	19 49		n.a.
W 6	13 4	9 54	5 8	10 25	0 13	3 48	1 26	6 2	1 18	1 48	1 15	21 57	0 48	2 29	0 43	22 37	0 44	26 7	17 0	13 58	14 0	19 49		n.a.
T 7	13 24	5 40	4 41	11 21	0 2	4 18	1 24	5 45	1 18	1 43	1 15	21 56	0 48	2 30	0 43	22 37	0 44	26 7	17 1	13 58	13 59	19 49		n.a.
F 8	13 43	1 13	3 59	12 18	0n 9	4 48	1 23	5 27	1 17	1 38	1 15	21 56	0 48	2 31	0 43	22 37	0 44	26 7	17 1	13 58	13 58	19 48		n.a.
S 9	14 2	3s12	3 6	13 13	0 19	5 17	1 22	5 10	1 17	1 33	1 15	21 56	0 48	2 31	0 43	22 37	0 44	26 7	17 1	13 58	13 57	19 48		n.a.
S 10	14 21	7 25	2 4	14 7	0 29	5 47	1 20	4 52	1 17	1 28	1 15	21 55	0 48	2 32	0 43	22 37	0 44	26 7	17 2	13 58	13 56	19 47		n.a.
M11	14 40	11 14	0 57	15 1	0 39	6 16	1 19	4 35	1 17	1 23	1 15	21 55	0 48	2 33	0 43	22 36	0 44	26 7	17 2	13 58	13 55	19 47		n.a.
T 12	14 58	14 29	0n12	15 52	0 49	6 46	1 17	4 17	1 17	1 18	1 15	21 55	0 48	2 33	0 43	22 36	0 44	26 7	17 2	13 58	13 54	19 46		n.a.
W13	15 16	17 3	1 19	16 43	0 58	7 15	1 15	4 0	1 17	1 13	1 15	21 54	0 48	2 34	0 43	22 36	0 44	26 7	17 3	13 58	13 53	19 46		n.a.
T 14	15 34	18 49	2 22	17 31	1 7	7 44	1 14	3 42	1 16	1 8	1 16	21 54	0 48	2 35	0 43	22 36	0 44	26 8	17 3	13 58	13 52	19 45		n.a.
F 15	15 52	19 43	3 17	18 17	1 15	8 13	1 12	3 25	1 16	1 3	1 16	21 53	0 48	2 35	0 43	22 36	0 44	26 8	17 3	13 58	13 51	19 45		n.a.
S 16	16 10	19 43	4 4	19 1	1 22	8 42	1 10	3 7	1 16	0 59	1 16	21 53	0 48	2 36	0 43	22 36	0 44	26 8	17 4	13 57	13 50	19 45		n.a.
S 17	16 27	18 52	4 40	19 43	1 29	9 10	1 8	2 50	1 16	0 54	1 16	21 53	0 48	2 36	0 43	22 36	0 44	26 8	17 4	13 57	13 49	19 44		n.a.
M18	16 44	17 11	5 5	20 22	1 35	9 39	1 7	2 33	1 16	0 49	1 16	21 52	0 48	2 37	0 43	22 36	0 44	26 8	17 4	13 57	13 47	19 44		n.a.
T 19	17 1	14 45	5 16	20 59	1 41	10 7	1 5	2 15	1 15	0 44	1 16	21 52	0 48	2 37	0 43	22 36	0 44	26 8	17 5	13 57	13 46	19 43		n.a.
W20	17 17	11 39	5 14	21 34	1 46	10 35	1 3	1 58	1 15	0 40	1 16	21 51	0 48	2 38	0 43	22 35	0 44	26 8	17 5	13 56	13 45	19 43		n.a.
T 21	17 33	8 0	4 57	22 5	1 50	11 2	1 1	1 40	1 15	0 35	1 16	21 51	0 48	2 38	0 43	22 35	0 44	26 8	17 5	13 57	13 44	19 42		n.a.
F 22	17 49	3 55	4 25	22 35	1 53	11 30	0 59	1 23	1 15	0 30	1 16	21 50	0 48	2 38	0 43	22 35	0 44	26 8	17 6	13 57	13 43	19 42		n.a.
S 23	18 5	0n29	3 39	23 2	1 56	11 57	0 57	1 6	1 14	0 26	1 17	21 50	0 48	2 39	0 43	22 35	0 44	26 8	17 6	13 57	13 42	19 41		n.a.
S 24	18 20	5 0	2 40	23 26	1 58	12 24	0 55	0 48	1 14	0 21	1 17	21 49	0 48	2 39	0 43	22 35	0 44	26 9	17 7	13 57	13 41	19 41		n.a.
M25	18 35	9 24	1 30	23 48	2 0	12 51	0 53	0 31	1 14	0 17	1 17	21 49	0 48	2 40	0 43	22 35	0 44	26 9	17 7	13 58	13 40	19 40		n.a.
T 26	18 50	13 25	0 12	24 7	2 0	13 17	0 51	0 14	1 13	0 12	1 17	21 48	0 48	2 40	0 42	22 35	0 44	26 9	17 7	13 58	13 39	19 40		n.a.
W27	19 5	16 42	1s 8	24 24	2 0	13 43	0 48	0n 4	1 13	0 8	1 17	21 48	0 47	2 40	0 42	22 35	0 44	26 9	17 8	13 58	13 38	19 39		n.a.
T 28	19 19	18 55	2 25	24 38	2 0	14 9	0 46	0 21	1 13	0 3	1 17	21 47	0 47	2 41	0 42	22 34	0 44	26 9	17 8	13 57	13 37	19 39		n.a.
F 29	19 33	19 50	3 33	24 51	1 59	14 35	0 44	0 38	1 13	0n 1	1 17	21 47	0 47	2 41	0 42	22 34	0 44	26 9	17 8	13 57	13 36	19 38		n.a.
S 30	19 46	19 21	4 26	25 1	1 57	15 0	0 42	0 55	1 12	0 5	1 17	21 46	0 47	2 41	0 42	22 34	0 44	26 10	17 9	13 56	13 35	19 38		n.a.
S 31	20n 0	17n32	5s 0	25n 9	1n55	15n25	0s39	1n12	1s12	0n10	1s18	21s46	0n47	2n41	0n42	22s34	0n44	26s10	17s 9	13s55	13s34	19s37		n.a.

Julian Day Number = 1307715.5, Delta T = 07h44m28s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'37, Lahiri = -19°35'37 Julian Calendar 1 May 1133 BCE == Greg. Calendar 20 Apr. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

JUNE 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 56 24	28♉46'22	3♌20	19♊19	14♉22	6♈24	3♈30	11°R34	24°R55	18°R10	3♓41	6°R30	5♏25	0♑25	n.a.	M 1
T 2	16 0 21	29°43'28	17°32	20°56	15°35	7° 6	3°41	11♐30	24♍55	18♐ 8	3°41	6♏29	5°22	0°32	n.a.	T 2
W 3	16 4 17	0♊40'34	1♍21	22°32	16°48	7°47	3°52	11°26	24°54	18° 7	3°41	6°D28	5°19	0°38	n.a.	W 3
T 4	16 8 14	1°37'41	14°49	24° 5	18° 2	8°29	4° 2	11°21	24°54	18° 5	3°42	6°29	5°16	0°45	n.a.	T 4
F 5	16 12 10	2°34'47	27°56	25°37	19°15	9°10	4°13	11°17	24°53	18° 3	3°42	6°30	5°12	0°52	n.a.	F 5
S 6	16 16 7	3°31'54	10♎45	27° 6	20°28	9°51	4°23	11°13	24°53	18° 2	3°42	6°32	5° 9	0°58	n.a.	S 6
S 7	16 20 3	4°29'01	23°18	28°33	21°42	10°32	4°33	11° 8	24°52	18° 0	3°42	6°33	5° 6	1° 5	n.a.	S 7
M 8	16 24 0	5°26'09	5♏39	29°58	22°55	11°14	4°43	11° 4	24°52	17°59	3°42	6°R34	5° 3	1°12	n.a.	M 8
T 9	16 27 56	6°23'17	17°50	1♋21	24° 8	11°55	4°53	11° 0	24°52	17°57	3°42	6°33	5° 0	1°19	n.a.	T 9
W10	16 31 53	7°20'25	29°54	2°42	25°22	12°35	5° 3	10°55	24°52	17°56	3°43	6°31	4°57	1°25	n.a.	W10
T 11	16 35 50	8°17'34	11♐51	4° 0	26°35	13°16	5°13	10°51	24°51	17°54	3°43	6°28	4°53	1°32	n.a.	T 11
F 12	16 39 46	9°14'44	23°45	5°16	27°49	13°57	5°23	10°46	24°51	17°52	3°43	6°23	4°50	1°39	n.a.	F 12
S 13	16 43 43	10°11'54	5♑36	6°30	29° 3	14°38	5°32	10°42	24°D51	17°51	3°43	6°17	4°47	1°45	n.a.	S 13
S 14	16 47 39	11° 9'06	17°27	7°42	0♊16	15°18	5°42	10°37	24°51	17°49	3°R43	6°11	4°44	1°52	n.a.	S 14
M15	16 51 36	12° 6'18	29°21	8°51	1°30	15°59	5°51	10°33	24°51	17°48	3°43	6° 5	4°41	1°59	n.a.	M15
T 16	16 55 32	13° 3'31	11♒20	9°57	2°43	16°39	6° 0	10°29	24°51	17°46	3°43	6° 0	4°38	2° 5	n.a.	T 16
W17	16 59 29	14° 0'45	23°27	11° 1	3°57	17°20	6° 9	10°24	24°52	17°44	3°43	5°57	4°34	2°12	n.a.	W17
T 18	17 3 25	14°58'01	5♓47	12° 2	5°11	18° 0	6°18	10°20	24°52	17°43	3°43	5°55	4°31	2°19	n.a.	T 18
F 19	17 7 22	15°55'17	18°23	13° 0	6°24	18°40	6°27	10°15	24°52	17°41	3°42	5°D54	4°28	2°26	n.a.	F 19
S 20	17 11 19	16°52'35	1♈20	13°55	7°38	19°20	6°36	10°11	24°52	17°39	3°42	5°55	4°25	2°32	n.a.	S 20
S 21	17 15 15	17°49'54	14°41	14°47	8°52	20° 0	6°45	10° 7	24°53	17°38	3°42	5°56	4°22	2°39	n.a.	S 21
M22	17 19 12	18°47'14	28°29	15°36	10° 6	20°40	6°53	10° 2	24°53	17°36	3°42	5°57	4°18	2°46	n.a.	M22
T 23	17 23 8	19°44'35	12♉44	16°21	11°19	21°20	7° 1	9°58	24°54	17°35	3°42	5°R57	4°15	2°52	n.a.	T 23
W24	17 27 5	20°41'58	27°25	17° 3	12°33	22° 0	7°10	9°53	24°54	17°33	3°42	5°56	4°12	2°59	n.a.	W24
T 25	17 31 1	21°39'22	12♊26	17°42	13°47	22°39	7°18	9°49	24°55	17°31	3°41	5°52	4° 9	3° 6	n.a.	T 25
F 26	17 34 58	22°36'47	27°39	18°16	15° 1	23°19	7°26	9°45	24°55	17°30	3°41	5°46	4° 6	3°13	n.a.	F 26
S 27	17 38 55	23°34'14	12♋54	18°46	16°15	23°58	7°33	9°41	24°56	17°28	3°41	5°40	4° 3	3°19	n.a.	S 27
S 28	17 42 51	24°31'41	28° 0	19°12	17°29	24°38	7°41	9°36	24°57	17°27	3°41	5°33	3°59	3°26	n.a.	S 28
M29	17 46 48	25°29'09	12♌48	19°33	18°43	25°17	7°48	9°32	24°58	17°25	3°40	5°26	3°56	3°33	n.a.	M29
T 30	17 50 44	26♊26'39	27♌12	19♋50	19♊57	25♈56	7♈56	9♐28	24♍58	17♐23	3♓40	5♏21	3♏53	3♑39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n13	14n38	5s14	25n15	1n52	15n49	0s37	1n29	1s12	0n14	1s18	21s45	0n47	2n42	0n42	22s34	0n44	26s10	17s 9	13s54	13s32	19s37		n.a.
T 2	20 25	10 56	5 9	25 19	1 48	16 13	0 35	1 46	1 11	0 18	1 18	21 45	0 47	2 42	0 42	22 34	0 44	26 10	17 10	13 54	13 31	19 36		n.a.
W 3	20 37	6 43	4 46	25 21	1 44	16 37	0 33	2 3	1 11	0 22	1 18	21 44	0 47	2 42	0 42	22 34	0 44	26 11	17 10	13 54	13 30	19 35		n.a.
T 4	20 49	2 17	4 7	25 21	1 39	17 0	0 30	2 20	1 11	0 26	1 18	21 44	0 47	2 42	0 42	22 34	0 44	26 11	17 11	13 54	13 29	19 35		n.a.
F 5	21 1	2s10	3 17	25 19	1 34	17 22	0 28	2 37	1 10	0 30	1 18	21 43	0 47	2 42	0 42	22 33	0 44	26 11	17 11	13 54	13 28	19 34		n.a.
S 6	21 12	6 25	2 17	25 16	1 29	17 45	0 25	2 54	1 10	0 34	1 19	21 43	0 47	2 42	0 42	22 33	0 44	26 11	17 11	13 55	13 27	19 34		n.a.
S 7	21 23	10 19	1 12	25 11	1 22	18 7	0 23	3 10	1 10	0 38	1 19	21 42	0 47	2 43	0 42	22 33	0 44	26 12	17 12	13 55	13 26	19 33		n.a.
M 8	21 33	13 42	0 5	25 5	1 16	18 28	0 21	3 27	1 9	0 42	1 19	21 42	0 47	2 43	0 42	22 33	0 44	26 12	17 12	13 56	13 25	19 33		n.a.
T 9	21 44	16 27	1n 1	24 58	1 9	18 49	0 18	3 44	1 9	0 46	1 19	21 41	0 47	2 43	0 42	22 33	0 44	26 12	17 12	13 55	13 24	19 32		n.a.
W10	21 53	18 26	2 4	24 49	1 1	19 10	0 16	4 0	1 8	0 50	1 19	21 41	0 46	2 43	0 42	22 33	0 44	26 12	17 13	13 55	13 23	19 32		n.a.
T 11	22 3	19 35	3 1	24 39	0 53	19 29	0 13	4 17	1 8	0 54	1 19	21 40	0 46	2 43	0 42	22 33	0 44	26 13	17 13	13 53	13 22	19 31		n.a.
F 12	22 12	19 51	3 49	24 28	0 44	19 49	0 11	4 33	1 8	0 57	1 20	21 40	0 46	2 43	0 42	22 32	0 44	26 13	17 13	13 52	13 21	19 30		n.a.
S 13	22 20	19 15	4 28	24 15	0 36	20 8	0 9	4 50	1 7	1 1	1 20	21 39	0 46	2 43	0 42	22 32	0 44	26 13	17 14	13 50	13 19	19 30		n.a.
S 14	22 29	17 48	4 54	24 2	0 26	20 26	0 6	5 6	1 7	1 5	1 20	21 38	0 46	2 43	0 42	22 32	0 44	26 14	17 14	13 48	13 18	19 29		n.a.
M15	22 37	15 35	5 9	23 48	0 17	20 44	0 4	5 22	1 6	1 8	1 20	21 38	0 46	2 43	0 42	22 32	0 44	26 14	17 15	13 46	13 17	19 29		n.a.
T 16	22 44	12 42	5 9	23 33	0 6	21 1	0 1	5 38	1 6	1 12	1 20	21 37	0 46	2 43	0 42	22 32	0 44	26 14	17 15	13 44	13 16	19 28		n.a.
W17	22 51	9 15	4 56	23 18	0s 4	21 18	0n 1	5 54	1 5	1 15	1 20	21 37	0 46	2 43	0 42	22 32	0 44	26 15	17 15	13 43	13 15	19 28		n.a.
T 18	22 58	5 22	4 30	23 2	0 15	21 34	0 4	6 10	1 5	1 19	1 21	21 36	0 46	2 42	0 42	22 32	0 44	26 15	17 16	13 42	13 14	19 27		n.a.
F 19	23 4	1 9	3 50	22 45	0 26	21 50	0 6	6 26	1 4	1 22	1 21	21 36	0 46	2 42	0 42	22 31	0 43	26 15	17 16	13 42	13 13	19 26		n.a.
S 20	23 10	3n14	2 57	22 28	0 37	22 5	0 8	6 42	1 4	1 26	1 21	21 35	0 46	2 42	0 41	22 31	0 43	26 16	17 16	13 42	13 12	19 26		n.a.
S 21	23 16	7 36	1 53	22 11	0 49	22 19	0 11	6 58	1 3	1 29	1 21	21 35	0 45	2 42	0 41	22 31	0 43	26 16	17 17	13 43	13 11	19 25		n.a.
M22	23 21	11 44	0 40	21 53	1 1	22 32	0 13	7 14	1 3	1 32	1 21	21 34	0 45	2 42	0 41	22 31	0 43	26 17	17 17	13 43	13 10	19 25		n.a.
T 23	23 25	15 20	0s37	21 36	1 13	22 45	0 15	7 29	1 3	1 35	1 21	21 34	0 45	2 41	0 41	22 31	0 43	26 17	17 17	13 43	13 9	19 24		n.a.
W24	23 30	18 4	1 53	21 18	1 26	22 58	0 18	7 45	1 2	1 38	1 22	21 33	0 45	2 41	0 41	22 31	0 43	26 17	17 18	13 43	13 8	19 23		n.a.
T 25	23 34	19 37	3 4	21 1	1 38	23 9	0 20	8 0	1 2	1 41	1 22	21 32	0 45	2 41	0 41	22 31	0 43	26 18	17 18	13 41	13 6	19 23		n.a.
F 26	23 37	19 46	4 3	20 44	1 51	23 21	0 22	8 15	1 1	1 44	1 22	21 32	0 45	2 41	0 41	22 31	0 43	26 18	17 19	13 40	13 5	19 22		n.a.
S 27	23 40	18 29	4 44	20 27	2 4	23 31	0 25	8 31	1 0	1 47	1 22	21 31	0 45	2 40	0 41	22 30	0 43	26 19	17 19	13 37	13 4	19 22		n.a.
S 28	23 43	15 55	5 5	20 11	2 16	23 41	0 27	8 46	1 0	1 50	1 22	21 31	0 45	2 40	0 41	22 30	0 43	26 19	17 19	13 35	13 3	19 21		n.a.
M29	23 45	12 22	5 5	19 55	2 29	23 49	0 29	9 1	0 59	1 53	1 23	21 30	0 45	2 40	0 41	22 30	0 43	26 20	17 20	13 33	13 2	19 20		n.a.
T 30	23n47	8n10	4s46	19n40	2s42	23n58	0n31	9n16	0s59	1n56	1s23	21s30	0n45	2n39	0n41	22s30	0n43	26s20	17s20	13s31	13s 1	19s20		n.a.

Julian Day Number = 1307746.5, Delta T = 07h44m27s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'33, Lahiri = -19°35'33 Julian Calendar 1 June 1133 BCE == Greg. Calendar 21 May 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

JULY 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 54 41	27♊24'09	11♍ 8	20♋ 2	21♊11	26♈35	8♈ 3	9°R24	24♍59	17°R22	3°R40	5°R18	3♏50	3♑46	n.a.	W 1
T 2	17 58 37	28°21'40	24°37	20° 8	22°25	27°14	8°10	9♐20	25° 0	17♐20	3♓39	5°D16	3°47	3°53	n.a.	T 2
F 3	18 2 34	29°19'12	7♎40	20°R10	23°39	27°53	8°17	9°16	25° 1	17°19	3°39	5♏17	3°44	3°59	n.a.	F 3
S 4	18 6 30	0♋16'45	20°22	20° 6	24°53	28°31	8°24	9°12	25° 2	17°17	3°38	5°18	3°40	4° 6	n.a.	S 4
S 5	18 10 27	1°14'20	2♏45	19°57	26° 7	29°10	8°30	9° 8	25° 3	17°15	3°38	5°R18	3°37	4°13	n.a.	S 5
M 6	18 14 24	2°11'55	14°56	19°42	27°21	29°48	8°37	9° 4	25° 5	17°14	3°38	5°18	3°34	4°20	n.a.	M 6
T 7	18 18 20	3° 9'32	26°57	19°22	28°36	0♉27	8°43	9° 0	25° 6	17°12	3°37	5°15	3°31	4°26	n.a.	T 7
W 8	18 22 17	4° 7'10	8♐53	18°56	29°50	1° 5	8°49	8°56	25° 7	17°11	3°37	5°11	3°28	4°33	n.a.	W 8
T 9	18 26 13	5° 4'50	20°45	18°25	1♋ 4	1°43	8°55	8°53	25° 8	17° 9	3°36	5° 3	3°24	4°40	n.a.	T 9
F 10	18 30 10	6° 2'31	2♑36	17°49	2°18	2°21	9° 1	8°49	25°10	17° 8	3°36	4°54	3°21	4°46	n.a.	F 10
S 11	18 34 6	7° 0'13	14°28	17° 8	3°32	2°59	9° 7	8°45	25°11	17° 6	3°35	4°43	3°18	4°53	n.a.	S 11
S 12	18 38 3	7°57'57	26°22	16°23	4°47	3°37	9°12	8°42	25°12	17° 5	3°34	4°31	3°15	5° 0	n.a.	S 12
M13	18 41 59	8°55'43	8♒20	15°35	6° 1	4°15	9°18	8°38	25°14	17° 3	3°34	4°19	3°12	5° 7	n.a.	M13
T 14	18 45 56	9°53'30	20°24	14°44	7°15	4°52	9°23	8°35	25°15	17° 2	3°33	4° 9	3° 9	5°13	n.a.	T 14
W15	18 49 53	10°51'19	2♓36	13°52	8°30	5°30	9°28	8°31	25°17	17° 0	3°33	4° 1	3° 5	5°20	n.a.	W15
T 16	18 53 49	11°49'10	14°58	12°58	9°44	6° 7	9°33	8°28	25°19	16°59	3°32	3°56	3° 2	5°27	n.a.	T 16
F 17	18 57 46	12°47'03	27°34	12° 5	10°58	6°44	9°37	8°25	25°20	16°57	3°31	3°52	2°59	5°33	n.a.	F 17
S 18	19 1 42	13°44'58	10♈27	11°13	12°13	7°21	9°42	8°21	25°22	16°56	3°31	3°D51	2°56	5°40	n.a.	S 18
S 19	19 5 39	14°42'55	23°41	10°24	13°27	7°58	9°46	8°18	25°24	16°55	3°30	3°52	2°53	5°47	n.a.	S 19
M20	19 9 35	15°40'54	7♉20	9°38	14°42	8°35	9°50	8°15	25°26	16°53	3°29	3°R52	2°50	5°53	n.a.	M20
T 21	19 13 32	16°38'55	21°25	8°56	15°56	9°12	9°54	8°12	25°28	16°52	3°29	3°51	2°46	6° 0	n.a.	T 21
W22	19 17 28	17°36'58	5♊57	8°21	17°11	9°49	9°58	8° 9	25°30	16°50	3°28	3°48	2°43	6° 7	n.a.	W22
T 23	19 21 25	18°35'03	20°51	7°51	18°25	10°25	10° 2	8° 6	25°32	16°49	3°27	3°42	2°40	6°14	n.a.	T 23
F 24	19 25 22	19°33'10	6♋ 1	7°29	19°40	11° 2	10° 5	8° 4	25°34	16°48	3°26	3°33	2°37	6°20	n.a.	F 24
S 25	19 29 18	20°31'19	21°18	7°14	20°55	11°38	10° 8	8° 1	25°36	16°47	3°25	3°23	2°34	6°27	n.a.	S 25
S 26	19 33 15	21°29'30	6♌30	7°D 7	22° 9	12°14	10°11	7°58	25°38	16°45	3°25	3°13	2°30	6°34	n.a.	S 26
M27	19 37 11	22°27'43	21°27	7° 9	23°24	12°50	10°14	7°56	25°40	16°44	3°24	3° 2	2°27	6°40	n.a.	M27
T 28	19 41 8	23°25'57	6♍ 0	7°19	24°38	13°26	10°17	7°53	25°42	16°43	3°23	2°54	2°24	6°47	n.a.	T 28
W29	19 45 4	24°24'13	20° 4	7°38	25°53	14° 2	10°19	7°51	25°44	16°42	3°22	2°48	2°21	6°54	n.a.	W29
T 30	19 49 1	25°22'31	3♎38	8° 6	27° 8	14°37	10°21	7°49	25°47	16°40	3°21	2°44	2°18	7° 1	n.a.	T 30
F 31	19 52 57	26♋20'50	16♎44	8♋42	28♋22	15♉13	10♈23	7♐47	25♍49	16♐39	3♓20	2♏43	2♏15	7♑ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	3n40	4s10	19n26	2s55	24n 5	0n34	9n31	0s58	1n58	1s23	21s29	0n44	2n39	0n41	22s30	0n43	26s20	17s20	13s30	13s 0	19s19			n.a.
T 2	23 49	0s54	3 21	19 13	3 7	24 12	0 36	9 45	0 58	2 1	1 23	21 29	0 44	2 38	0 41	22 30	0 43	26 21	17 21	13 29	12 59	19 18			n.a.
F 3	23 50	5 16	2 23	19 0	3 19	24 18	0 38	10 0	0 57	2 4	1 23	21 28	0 44	2 38	0 41	22 30	0 43	26 21	17 21	13 30	12 58	19 18			n.a.
S 4	23 50	9 18	1 19	18 50	3 31	24 24	0 40	10 15	0 57	2 6	1 24	21 28	0 44	2 38	0 41	22 29	0 43	26 22	17 21	13 30	12 57	19 17			n.a.
S 5	23 49	12 50	0 14	18 40	3 42	24 28	0 42	10 29	0 56	2 9	1 24	21 27	0 44	2 37	0 41	22 29	0 43	26 22	17 22	13 30	12 55	19 17			n.a.
M 6	23 49	15 46	0n51	18 32	3 52	24 32	0 44	10 43	0 55	2 11	1 24	21 27	0 44	2 37	0 41	22 29	0 43	26 23	17 22	13 30	12 54	19 16			n.a.
T 7	23 47	17 57	1 53	18 25	4 1	24 35	0 46	10 58	0 55	2 13	1 24	21 26	0 44	2 36	0 41	22 29	0 43	26 23	17 22	13 29	12 53	19 15			n.a.
W 8	23 46	19 21	2 50	18 20	4 10	24 38	0 48	11 12	0 54	2 16	1 25	21 26	0 44	2 36	0 41	22 29	0 43	26 24	17 23	13 28	12 52	19 15			n.a.
T 9	23 44	19 52	3 38	18 17	4 17	24 39	0 50	11 26	0 54	2 18	1 25	21 25	0 43	2 35	0 41	22 29	0 43	26 24	17 23	13 25	12 51	19 14			n.a.
F 10	23 41	19 31	4 17	18 16	4 24	24 40	0 52	11 39	0 53	2 20	1 25	21 25	0 43	2 34	0 41	22 29	0 43	26 25	17 23	13 22	12 50	19 13			n.a.
S 11	23 38	18 19	4 44	18 16	4 28	24 40	0 54	11 53	0 52	2 22	1 25	21 24	0 43	2 34	0 41	22 29	0 43	26 25	17 24	13 18	12 49	19 13			n.a.
S 12	23 35	16 19	5 0	18 19	4 32	24 40	0 56	12 7	0 52	2 24	1 25	21 24	0 43	2 33	0 41	22 28	0 43	26 26	17 24	13 14	12 48	19 12			n.a.
M13	23 31	13 37	5 2	18 23	4 33	24 38	0 57	12 20	0 51	2 26	1 26	21 24	0 43	2 33	0 41	22 28	0 43	26 26	17 24	13 10	12 47	19 11			n.a.
T 14	23 27	10 20	4 51	18 29	4 33	24 36	0 59	12 34	0 50	2 28	1 26	21 23	0 43	2 32	0 40	22 28	0 43	26 27	17 25	13 7	12 46	19 11			n.a.
W15	23 23	6 35	4 26	18 36	4 31	24 34	1 1	12 47	0 50	2 30	1 26	21 23	0 43	2 31	0 40	22 28	0 43	26 27	17 25	13 4	12 45	19 10			n.a.
T 16	23 18	2 30	3 49	18 46	4 27	24 30	1 2	13 0	0 49	2 31	1 26	21 22	0 43	2 30	0 40	22 28	0 43	26 28	17 25	13 2	12 43	19 9			n.a.
F 17	23 12	1n46	3 0	18 57	4 21	24 26	1 4	13 13	0 48	2 33	1 27	21 22	0 42	2 30	0 40	22 28	0 43	26 28	17 25	13 1	12 42	19 9			n.a.
S 18	23 6	6 3	2 1	19 9	4 13	24 20	1 5	13 26	0 48	2 34	1 27	21 22	0 42	2 29	0 40	22 28	0 43	26 29	17 26	13 0	12 41	19 8			n.a.
S 19	23 0	10 10	0 54	19 23	4 3	24 15	1 7	13 39	0 47	2 36	1 27	21 21	0 42	2 28	0 40	22 28	0 43	26 29	17 26	13 0	12 40	19 7			n.a.
M20	22 53	13 54	0s18	19 37	3 52	24 8	1 8	13 52	0 46	2 37	1 27	21 21	0 42	2 28	0 40	22 27	0 43	26 30	17 26	13 1	12 39	19 7			n.a.
T 21	22 46	16 56	1 32	19 53	3 39	24 1	1 10	14 5	0 46	2 39	1 27	21 20	0 42	2 27	0 40	22 27	0 43	26 30	17 27	13 0	12 38	19 6			n.a.
W22	22 39	19 0	2 41	20 10	3 24	23 52	1 11	14 17	0 45	2 40	1 28	21 20	0 42	2 26	0 40	22 27	0 43	26 31	17 27	12 59	12 37	19 5			n.a.
T 23	22 31	19 49	3 42	20 27	3 9	23 44	1 12	14 29	0 44	2 41	1 28	21 20	0 42	2 25	0 40	22 27	0 43	26 32	17 27	12 57	12 36	19 4			n.a.
F 24	22 23	19 14	4 27	20 44	2 53	23 34	1 13	14 42	0 43	2 42	1 28	21 19	0 42	2 24	0 40	22 27	0 43	26 32	17 27	12 54	12 35	19 4			n.a.
S 25	22 14	17 16	4 55	21 2	2 36	23 24	1 14	14 54	0 43	2 44	1 28	21 19	0 41	2 23	0 40	22 27	0 43	26 33	17 28	12 51	12 33	19 3			n.a.
S 26	22 5	14 6	5 1	21 20	2 18	23 13	1 16	15 6	0 42	2 44	1 29	21 19	0 41	2 22	0 40	22 27	0 43	26 33	17 28	12 47	12 32	19 2			n.a.
M27	21 55	10 4	4 46	21 38	2 0	23 1	1 17	15 17	0 41	2 45	1 29	21 19	0 41	2 22	0 40	22 27	0 43	26 34	17 28	12 43	12 31	19 2			n.a.
T 28	21 45	5 33	4 13	21 55	1 42	22 49	1 18	15 29	0 40	2 46	1 29	21 18	0 41	2 21	0 40	22 27	0 43	26 34	17 28	12 41	12 30	19 1			n.a.
W29	21 35	0 52	3 25	22 12	1 25	22 36	1 18	15 41	0 39	2 47	1 29	21 18	0 41	2 20	0 40	22 27	0 43	26 35	17 29	12 38	12 29	19 0			n.a.
T 30	21 24	3s43	2 27	22 28	1 7	22 22	1 19	15 52	0 39	2 48	1 30	21 18	0 41	2 19	0 40	22 26	0 43	26 35	17 29	12 37	12 28	18 59			n.a.
F 31	21n13	7s58	1s24	22n42	0s50	22n 8	1n20	16n 3	0s38	2n48	1s30	21s18	0n41	2n18	0n40	22s26	0n43	26s36	17s29	12s37	12s27	18s59			n.a.

Julian Day Number = 1307776.5, Delta T = 07h44m25s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'29, Lahiri = -19°35'29 Julian Calendar 1 July 1133 BCE == Greg. Calendar 20 June 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

AUGUST 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 54	27♋19'11	29♎26	9♋26	29♋37	15♉48	10♈25	7°R44	25♍51	16°R38	3°R19	2°R43	2♏11	7♑14	n.a.	S 1
S 2	20 0 50	28°17'34	11♏48	10°18	0♌52	16°23	10°27	7♐42	25°54	16♐37	3♓19	2♏43	2° 8	7°21	n.a.	S 2
M 3	20 4 47	29°15'58	23°55	11°17	2° 7	16°58	10°28	7°41	25°56	16°36	3°18	2°42	2° 5	7°27	n.a.	M 3
T 4	20 8 44	0♌14'25	5♐52	12°24	3°21	17°33	10°30	7°39	25°59	16°35	3°17	2°38	2° 2	7°34	n.a.	T 4
W 5	20 12 40	1°12'53	17°44	13°37	4°36	18° 7	10°31	7°37	26° 1	16°34	3°16	2°32	1°59	7°41	n.a.	W 5
T 6	20 16 37	2°11'23	29°34	14°56	5°51	18°42	10°32	7°35	26° 4	16°33	3°15	2°23	1°56	7°48	n.a.	T 6
F 7	20 20 33	3° 9'55	11♑26	16°21	7° 6	19°16	10°32	7°34	26° 6	16°32	3°14	2°12	1°52	7°54	n.a.	F 7
S 8	20 24 30	4° 8'29	23°21	17°50	8°20	19°50	10°33	7°32	26° 9	16°31	3°13	1°59	1°49	8° 1	n.a.	S 8
S 9	20 28 26	5° 7'05	5♒22	19°24	9°35	20°24	10°33	7°31	26°12	16°30	3°12	1°44	1°46	8° 8	n.a.	S 9
M10	20 32 23	6° 5'43	17°28	21° 1	10°50	20°58	10°R33	7°30	26°14	16°29	3°11	1°31	1°43	8°14	n.a.	M10
T 11	20 36 19	7° 4'23	29°42	22°41	12° 5	21°32	10°33	7°28	26°17	16°28	3°10	1°18	1°40	8°21	n.a.	T 11
W12	20 40 16	8° 3'05	12♓ 4	24°25	13°20	22° 6	10°33	7°27	26°20	16°27	3° 9	1° 8	1°36	8°28	n.a.	W12
T 13	20 44 13	9° 1'50	24°36	26°10	14°35	22°39	10°32	7°26	26°23	16°26	3° 8	1° 1	1°33	8°35	n.a.	T 13
F 14	20 48 9	10° 0'37	7♈19	27°57	15°49	23°12	10°32	7°25	26°25	16°26	3° 7	0°57	1°30	8°41	n.a.	F 14
S 15	20 52 6	10°59'26	20°16	29°45	17° 4	23°45	10°31	7°24	26°28	16°25	3° 6	0°55	1°27	8°48	n.a.	S 15
S 16	20 56 2	11°58'18	3♉30	1♌34	18°19	24°18	10°30	7°24	26°31	16°24	3° 4	0°D55	1°24	8°55	n.a.	S 16
M17	20 59 59	12°57'12	17° 3	3°24	19°34	24°51	10°28	7°23	26°34	16°23	3° 3	0°R55	1°21	9° 1	n.a.	M17
T 18	21 3 55	13°56'08	0♊58	5°14	20°49	25°23	10°27	7°23	26°37	16°23	3° 2	0°54	1°17	9° 8	n.a.	T 18
W19	21 7 52	14°55'08	15°15	7° 5	22° 4	25°56	10°25	7°22	26°40	16°22	3° 1	0°51	1°14	9°15	n.a.	W19
T 20	21 11 48	15°54'09	29°52	8°55	23°19	26°28	10°23	7°22	26°43	16°21	3° 0	0°46	1°11	9°22	n.a.	T 20
F 21	21 15 45	16°53'14	14♋45	10°45	24°34	27° 0	10°21	7°22	26°46	16°21	2°59	0°38	1° 8	9°28	n.a.	F 21
S 22	21 19 41	17°52'20	29°47	12°35	25°49	27°31	10°19	7°22	26°50	16°20	2°58	0°28	1° 5	9°35	n.a.	S 22
S 23	21 23 38	18°51'29	14♌48	14°24	27° 4	28° 3	10°16	7°D22	26°53	16°20	2°57	0°17	1° 1	9°42	n.a.	S 23
M24	21 27 35	19°50'40	29°39	16°13	28°19	28°34	10°14	7°22	26°56	16°19	2°56	0° 7	0°58	9°48	n.a.	M24
T 25	21 31 31	20°49'52	14♍10	18° 1	29°34	29° 5	10°11	7°22	26°59	16°19	2°54	29♎58	0°55	9°55	n.a.	T 25
W26	21 35 28	21°49'07	28°16	19°49	0♍49	29°36	10° 8	7°22	27° 2	16°18	2°53	29°52	0°52	10° 2	n.a.	W26
T 27	21 39 24	22°48'24	11♎54	21°35	2° 4	0♊ 7	10° 4	7°22	27° 6	16°18	2°52	29°48	0°49	10° 9	n.a.	T 27
F 28	21 43 21	23°47'43	25° 5	23°21	3°19	0°37	10° 1	7°23	27° 9	16°17	2°51	29°D47	0°46	10°15	n.a.	F 28
S 29	21 47 17	24°47'04	7♏50	25° 7	4°34	1° 8	9°57	7°23	27°12	16°17	2°50	29°47	0°42	10°22	n.a.	S 29
S 30	21 51 14	25°46'27	20°14	26°51	5°49	1°37	9°54	7°24	27°16	16°17	2°49	29°R47	0°39	10°29	n.a.	S 30
M31	21 55 10	26♌45'52	2♐23	28♌35	7♍ 4	2♊ 7	9♈49	7♐25	27♍19	16♐16	2♓48	29♎47	0♏36	10♑35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n 2	11s43	0s17	22n56	0s33	21n53	1n21	16n15	0s37	2n49	1s30	21s17	0n40	2n17	0n40	22s26	0n43	26s36	17s29	12s37	12s26	18s58		n.a.	S 1
S 2	20 50	14 52	0n48	23 8	0 17	21 37	1 22	16 26	0 36	2 49	1 30	21 17	0 40	2 16	0 40	22 26	0 43	26 37	17 30	12 37	12 25	18 57		n.a.	S 2
M 3	20 38	17 17	1 50	23 18	0 2	21 21	1 22	16 37	0 35	2 50	1 31	21 17	0 40	2 15	0 40	22 26	0 43	26 38	17 30	12 36	12 23	18 56		n.a.	M 3
T 4	20 26	18 55	2 46	23 26	0n12	21 4	1 23	16 47	0 35	2 50	1 31	21 17	0 40	2 14	0 40	22 26	0 43	26 38	17 30	12 35	12 22	18 56		n.a.	T 4
W 5	20 13	19 42	3 34	23 32	0 26	20 46	1 23	16 58	0 34	2 50	1 31	21 17	0 40	2 13	0 40	22 26	0 42	26 39	17 30	12 33	12 21	18 55		n.a.	W 5
T 6	19 59	19 37	4 13	23 36	0 38	20 28	1 24	17 9	0 33	2 50	1 31	21 17	0 40	2 12	0 40	22 26	0 42	26 39	17 30	12 30	12 20	18 54		n.a.	T 6
F 7	19 46	18 40	4 41	23 38	0 49	20 9	1 24	17 19	0 32	2 50	1 31	21 17	0 40	2 11	0 40	22 26	0 42	26 40	17 31	12 26	12 19	18 54		n.a.	F 7
S 8	19 32	16 54	4 56	23 36	1 0	19 50	1 24	17 29	0 31	2 50	1 32	21 16	0 39	2 10	0 40	22 26	0 42	26 40	17 31	12 21	12 18	18 53		n.a.	S 8
S 9	19 18	14 24	4 59	23 32	1 9	19 30	1 24	17 39	0 30	2 50	1 32	21 16	0 39	2 8	0 40	22 26	0 42	26 41	17 31	12 16	12 17	18 52		n.a.	S 9
M10	19 3	11 16	4 48	23 26	1 18	19 9	1 25	17 49	0 29	2 50	1 32	21 16	0 39	2 7	0 39	22 26	0 42	26 41	17 31	12 11	12 16	18 51		n.a.	M10
T 11	18 48	7 39	4 24	23 17	1 25	18 48	1 25	17 59	0 28	2 50	1 32	21 16	0 39	2 6	0 39	22 26	0 42	26 42	17 31	12 7	12 15	18 50		n.a.	T 11
W12	18 33	3 39	3 48	23 5	1 31	18 26	1 25	18 9	0 27	2 50	1 33	21 16	0 39	2 5	0 39	22 25	0 42	26 43	17 31	12 3	12 13	18 50		n.a.	W12
T 13	18 17	0n33	2 59	22 50	1 37	18 4	1 25	18 18	0 27	2 49	1 33	21 16	0 39	2 4	0 39	22 25	0 42	26 43	17 32	12 1	12 12	18 49		n.a.	T 13
F 14	18 1	4 48	2 1	22 34	1 41	17 42	1 25	18 28	0 26	2 49	1 33	21 16	0 39	2 3	0 39	22 25	0 42	26 44	17 32	11 59	12 11	18 48		n.a.	F 14
S 15	17 45	8 54	0 56	22 14	1 45	17 19	1 24	18 37	0 25	2 48	1 33	21 16	0 38	2 1	0 39	22 25	0 42	26 44	17 32	11 59	12 10	18 47		n.a.	S 15
S 16	17 29	12 40	0s14	21 53	1 47	16 55	1 24	18 46	0 24	2 47	1 33	21 16	0 38	2 0	0 39	22 25	0 42	26 45	17 32	11 59	12 9	18 47		n.a.	S 16
M17	17 12	15 51	1 24	21 29	1 49	16 31	1 24	18 55	0 23	2 47	1 34	21 16	0 38	1 59	0 39	22 25	0 42	26 45	17 32	11 59	12 8	18 46		n.a.	M17
T 18	16 55	18 12	2 32	21 3	1 51	16 6	1 24	19 4	0 22	2 46	1 34	21 16	0 38	1 58	0 39	22 25	0 42	26 46	17 32	11 58	12 7	18 45		n.a.	T 18
W19	16 37	19 29	3 32	20 35	1 51	15 41	1 23	19 13	0 21	2 45	1 34	21 16	0 38	1 57	0 39	22 25	0 42	26 46	17 32	11 57	12 6	18 44		n.a.	W19
T 20	16 20	19 30	4 19	20 6	1 51	15 16	1 23	19 22	0 20	2 44	1 34	21 16	0 38	1 55	0 39	22 25	0 42	26 47	17 33	11 55	12 4	18 43		n.a.	T 20
F 21	16 2	18 11	4 50	19 35	1 50	14 50	1 22	19 30	0 19	2 43	1 35	21 17	0 38	1 54	0 39	22 25	0 42	26 47	17 33	11 53	12 3	18 43		n.a.	F 21
S 22	15 43	15 37	5 2	19 2	1 49	14 24	1 21	19 38	0 18	2 42	1 35	21 17	0 37	1 53	0 39	22 25	0 42	26 48	17 33	11 49	12 2	18 42		n.a.	S 22
S 23	15 25	12 0	4 52	18 28	1 47	13 57	1 21	19 47	0 17	2 41	1 35	21 17	0 37	1 51	0 39	22 25	0 42	26 48	17 33	11 45	12 1	18 41		n.a.	S 23
M24	15 6	7 41	4 23	17 53	1 44	13 30	1 20	19 55	0 16	2 40	1 35	21 17	0 37	1 50	0 39	22 25	0 42	26 49	17 33	11 42	12 0	18 40		n.a.	M24
T 25	14 47	3 0	3 37	17 17	1 41	13 3	1 19	20 3	0 14	2 38	1 35	21 17	0 37	1 49	0 39	22 25	0 42	26 49	17 33	11 38	11 59	18 39		n.a.	T 25
W26	14 28	1s44	2 39	16 40	1 38	12 35	1 18	20 11	0 13	2 37	1 36	21 17	0 37	1 47	0 39	22 25	0 42	26 50	17 33	11 36	11 58	18 39		n.a.	W26
T 27	14 8	6 13	1 34	16 1	1 35	12 7	1 17	20 18	0 12	2 35	1 36	21 17	0 37	1 46	0 39	22 25	0 42	26 50	17 33	11 35	11 57	18 38		n.a.	T 27
F 28	13 48	10 15	0 25	15 22	1 31	11 38	1 16	20 26	0 11	2 34	1 36	21 18	0 37	1 45	0 39	22 25	0 42	26 51	17 33	11 34	11 55	18 37		n.a.	F 28
S 29	13 28	13 40	0n43	14 43	1 26	11 10	1 15	20 33	0 10	2 32	1 36	21 18	0 36	1 43	0 39	22 25	0 42	26 51	17 33	11 34	11 54	18 36		n.a.	S 29
S 30	13 8	16 23	1 47	14 2	1 22	10 41	1 14	20 41	0 9	2 30	1 36	21 18	0 36	1 42	0 39	22 25	0 42	26 52	17 33	11 35	11 53	18 35		n.a.	S 30
M31	12n48	18s17	2n45	13n21	1n17	10n11	1n13	20n48	0s 8	2n29	1s36	21s18	0n36	1n41	0n39	22s25	0n42	26s52	17s33	11s35	11s52	18s35		n.a.	M31

Julian Day Number = 1307807.5, Delta T = 07h44m23s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'25, Lahiri = -19°35'24 Julian Calendar 1 Aug. 1133 BCE == Greg. Calendar 21 July 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

SEPTEMBER 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 7	27♌45'19	14♐20	0♍18	8♍19	2♊37	9°R45	7♐26	27♍22	16°R16	2°R46	29°R46	0♏33	10♑42	n.a.	T 1
W 2	22 3 4	28°44'47	26°12	2° 0	9°34	3° 6	9♈41	7°27	27°26	16♐16	2♓45	29♎42	0°30	10°49	n.a.	W 2
T 3	22 7 0	29°44'18	8♑ 3	3°41	10°49	3°35	9°36	7°28	27°29	16°16	2°44	29°36	0°27	10°56	n.a.	T 3
F 4	22 10 57	0♍43'51	19°57	5°22	12° 4	4° 4	9°32	7°29	27°33	16°16	2°43	29°27	0°23	11° 2	n.a.	F 4
S 5	22 14 53	1°43'25	1♒57	7° 2	13°19	4°32	9°27	7°30	27°36	16°15	2°42	29°17	0°20	11° 9	n.a.	S 5
S 6	22 18 50	2°43'02	14° 5	8°41	14°34	5° 1	9°22	7°32	27°40	16°15	2°41	29° 6	0°17	11°16	n.a.	S 6
M 7	22 22 46	3°42'40	26°22	10°20	15°49	5°29	9°16	7°33	27°43	16°15	2°39	28°55	0°14	11°22	n.a.	M 7
T 8	22 26 43	4°42'21	8♓50	11°57	17° 4	5°56	9°11	7°35	27°47	16°D15	2°38	28°46	0°11	11°29	n.a.	T 8
W 9	22 30 39	5°42'04	21°28	13°35	18°19	6°24	9° 5	7°36	27°50	16°15	2°37	28°38	0° 7	11°36	n.a.	W 9
T 10	22 34 36	6°41'49	4♈17	15°11	19°34	6°51	9° 0	7°38	27°54	16°15	2°36	28°33	0° 4	11°43	n.a.	T 10
F 11	22 38 32	7°41'36	17°17	16°47	20°49	7°18	8°54	7°40	27°57	16°15	2°35	28°30	0° 1	11°49	n.a.	F 11
S 12	22 42 29	8°41'26	0♉29	18°22	22° 4	7°44	8°48	7°42	28° 1	16°15	2°34	28°D30	29♎58	11°56	n.a.	S 12
S 13	22 46 26	9°41'18	13°54	19°57	23°19	8°11	8°41	7°44	28° 4	16°16	2°32	28°30	29°55	12° 3	n.a.	S 13
M14	22 50 22	10°41'12	27°31	21°31	24°34	8°37	8°35	7°46	28° 8	16°16	2°31	28°32	29°52	12° 9	n.a.	M14
T 15	22 54 19	11°41'09	11♊24	23° 4	25°49	9° 2	8°29	7°48	28°12	16°16	2°30	28°R32	29°48	12°16	n.a.	T 15
W16	22 58 15	12°41'08	25°30	24°37	27° 4	9°28	8°22	7°51	28°15	16°16	2°29	28°31	29°45	12°23	n.a.	W16
T 17	23 2 12	13°41'10	9♋50	26° 9	28°19	9°53	8°15	7°53	28°19	16°16	2°28	28°29	29°42	12°30	n.a.	T 17
F 18	23 6 8	14°41'14	24°20	27°41	29°34	10°18	8° 8	7°56	28°23	16°17	2°27	28°24	29°39	12°36	n.a.	F 18
S 19	23 10 5	15°41'20	8♌57	29°12	0♎49	10°42	8° 1	7°58	28°26	16°17	2°25	28°18	29°36	12°43	n.a.	S 19
S 20	23 14 1	16°41'29	23°33	0♎43	2° 4	11° 6	7°54	8° 1	28°30	16°18	2°24	28°11	29°33	12°50	n.a.	S 20
M21	23 17 58	17°41'39	8♍ 1	2°13	3°19	11°30	7°47	8° 4	28°34	16°18	2°23	28° 5	29°29	12°56	n.a.	M21
T 22	23 21 54	18°41'51	22°17	3°43	4°34	11°53	7°40	8° 7	28°38	16°18	2°22	27°59	29°26	13° 3	n.a.	T 22
W23	23 25 51	19°42'06	6♎12	5°12	5°49	12°16	7°32	8°10	28°41	16°19	2°21	27°56	29°23	13°10	n.a.	W23
T 24	23 29 48	20°42'22	19°46	6°41	7° 4	12°39	7°25	8°13	28°45	16°19	2°20	27°54	29°20	13°17	n.a.	T 24
F 25	23 33 44	21°42'40	2♏55	8° 9	8°19	13° 1	7°17	8°16	28°49	16°20	2°19	27°D53	29°17	13°23	n.a.	F 25
S 26	23 37 41	22°43'00	15°43	9°36	9°34	13°23	7°10	8°19	28°53	16°21	2°18	27°54	29°13	13°30	n.a.	S 26
S 27	23 41 37	23°43'21	28°10	11° 3	10°49	13°44	7° 2	8°23	28°56	16°21	2°17	27°56	29°10	13°37	n.a.	S 27
M28	23 45 34	24°43'45	10♐21	12°29	12° 4	14° 5	6°54	8°26	29° 0	16°22	2°16	27°58	29° 7	13°43	n.a.	M28
T 29	23 49 30	25°44'09	22°21	13°55	13°19	14°25	6°46	8°30	29° 4	16°22	2°14	27°R59	29° 4	13°50	n.a.	T 29
W30	23 53 27	26♍44'36	4♑15	15♎20	14♎34	14♊46	6♈38	8♐33	29♍ 8	16♐23	2♓13	27♎58	29♎ 1	13♑57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n27	19s20	3n34	12n40	1n11	9n42	1n12	20n55	0s 7	2n27	1s37	21s19	0n36	1n39	0n39	22s25	0n42	26s53	17s33	11s34	11s51	18s34		n.a.
W 2	12 6	19 32	4 14	11 58	1 6	9 12	1 11	21 2	0 5	2 25	1 37	21 19	0 36	1 38	0 39	22 25	0 42	26 53	17 33	11 33	11 50	18 33		n.a.
T 3	11 45	18 52	4 43	11 15	1 1	8 42	1 9	21 9	0 4	2 23	1 37	21 19	0 36	1 37	0 39	22 25	0 42	26 54	17 33	11 30	11 49	18 32		n.a.
F 4	11 23	17 22	5 0	10 32	0 55	8 11	1 8	21 15	0 3	2 21	1 37	21 20	0 36	1 35	0 39	22 25	0 41	26 54	17 33	11 27	11 48	18 31		n.a.
S 5	11 2	15 7	5 4	9 49	0 49	7 41	1 6	21 22	0 2	2 19	1 37	21 20	0 35	1 34	0 39	22 25	0 41	26 55	17 33	11 24	11 46	18 30		n.a.
S 6	10 40	12 11	4 54	9 6	0 43	7 10	1 5	21 28	0 1	2 17	1 37	21 20	0 35	1 32	0 39	22 25	0 41	26 55	17 33	11 20	11 45	18 30		n.a.
M 7	10 18	8 42	4 31	8 23	0 37	6 39	1 3	21 35	0n 1	2 14	1 38	21 21	0 35	1 31	0 39	22 25	0 41	26 56	17 33	11 16	11 44	18 29		n.a.
T 8	9 56	4 47	3 54	7 39	0 30	6 8	1 2	21 41	0 2	2 12	1 38	21 21	0 35	1 29	0 39	22 25	0 41	26 56	17 33	11 13	11 43	18 28		n.a.
W 9	9 34	0 36	3 5	6 55	0 24	5 37	1 0	21 47	0 3	2 10	1 38	21 22	0 35	1 28	0 39	22 25	0 41	26 57	17 33	11 10	11 42	18 27		n.a.
T 10	9 12	3n39	2 6	6 12	0 17	5 5	0 58	21 53	0 5	2 7	1 38	21 22	0 35	1 26	0 39	22 25	0 41	26 57	17 33	11 8	11 41	18 26		n.a.
F 11	8 49	7 49	1 0	5 28	0 11	4 34	0 57	21 59	0 6	2 5	1 38	21 23	0 35	1 25	0 39	22 25	0 41	26 57	17 33	11 7	11 40	18 25		n.a.
S 12	8 27	11 40	0s11	4 44	0 4	4 2	0 55	22 4	0 7	2 2	1 38	21 23	0 34	1 24	0 39	22 25	0 41	26 58	17 33	11 7	11 38	18 24		n.a.
S 13	8 4	14 58	1 22	4 0	0s 3	3 30	0 53	22 10	0 9	2 0	1 38	21 23	0 34	1 22	0 39	22 25	0 41	26 58	17 33	11 7	11 37	18 24		n.a.
M14	7 41	17 29	2 30	3 16	0 9	2 58	0 51	22 16	0 10	1 57	1 38	21 24	0 34	1 21	0 39	22 25	0 41	26 59	17 33	11 7	11 36	18 23		n.a.
T 15	7 18	19 2	3 31	2 33	0 16	2 26	0 49	22 21	0 11	1 55	1 39	21 24	0 34	1 19	0 39	22 25	0 41	26 59	17 33	11 8	11 35	18 22		n.a.
W16	6 54	19 26	4 19	1 49	0 23	1 54	0 47	22 26	0 13	1 52	1 39	21 25	0 34	1 18	0 39	22 26	0 41	26 59	17 33	11 7	11 34	18 21		n.a.
T 17	6 31	18 35	4 53	1 6	0 30	1 22	0 45	22 32	0 14	1 49	1 39	21 25	0 34	1 16	0 39	22 26	0 41	27 0	17 33	11 6	11 33	18 20		n.a.
F 18	6 7	16 33	5 8	0 23	0 37	0 50	0 43	22 37	0 16	1 46	1 39	21 26	0 34	1 15	0 39	22 26	0 41	27 0	17 33	11 5	11 32	18 19		n.a.
S 19	5 44	13 26	5 4	0s20	0 43	0 18	0 41	22 42	0 17	1 43	1 39	21 27	0 33	1 13	0 39	22 26	0 41	27 1	17 33	11 3	11 31	18 18		n.a.
S 20	5 20	9 30	4 39	1 3	0 50	0s15	0 39	22 47	0 19	1 40	1 39	21 27	0 33	1 12	0 39	22 26	0 41	27 1	17 33	11 0	11 29	18 17		n.a.
M21	4 56	5 2	3 58	1 46	0 57	0 47	0 37	22 51	0 20	1 38	1 39	21 28	0 33	1 10	0 39	22 26	0 41	27 1	17 33	10 58	11 28	18 17		n.a.
T 22	4 32	0 21	3 1	2 28	1 3	1 19	0 34	22 56	0 22	1 35	1 39	21 28	0 33	1 9	0 39	22 26	0 41	27 2	17 33	10 56	11 27	18 16		n.a.
W23	4 8	4s16	1 55	3 10	1 10	1 52	0 32	23 1	0 23	1 32	1 39	21 29	0 33	1 7	0 39	22 26	0 41	27 2	17 33	10 54	11 26	18 15		n.a.
T 24	3 44	8 32	0 44	3 51	1 16	2 24	0 30	23 5	0 25	1 29	1 39	21 30	0 33	1 6	0 39	22 26	0 41	27 2	17 32	10 54	11 25	18 14		n.a.
F 25	3 20	12 15	0n27	4 32	1 22	2 56	0 27	23 10	0 26	1 25	1 39	21 30	0 33	1 4	0 39	22 26	0 41	27 2	17 32	10 54	11 24	18 13		n.a.
S 26	2 56	15 17	1 36	5 13	1 29	3 28	0 25	23 14	0 28	1 22	1 39	21 31	0 33	1 2	0 39	22 26	0 41	27 3	17 32	10 54	11 23	18 12		n.a.
S 27	2 32	17 31	2 38	5 53	1 35	4 0	0 23	23 18	0 30	1 19	1 39	21 32	0 32	1 1	0 39	22 26	0 41	27 3	17 32	10 55	11 21	18 11		n.a.
M28	2 8	18 53	3 31	6 33	1 41	4 32	0 20	23 23	0 31	1 16	1 39	21 32	0 32	0 59	0 39	22 27	0 41	27 3	17 32	10 55	11 20	18 10		n.a.
T 29	1 43	19 22	4 15	7 12	1 46	5 4	0 18	23 27	0 33	1 13	1 39	21 33	0 32	0 58	0 39	22 27	0 41	27 4	17 32	10 56	11 19	18 9		n.a.
W30	1n19	18s59	4n47	7s51	1s52	5s36	0n15	23n31	0n35	1n10	1s39	21s34	0n32	0n56	0n39	22s27	0n41	27s 4	17s32	10s55	11s18	18s 8		n.a.

Julian Day Number = 1307838.5, Delta T = 07h44m22s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'21, Lahiri = -19°35'20 Julian Calendar 1 Sept. 1133 BCE == Greg. Calendar 21 Aug. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

OCTOBER 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 57 23	27♍45'03	16♉ 7	16♎44	15♎49	15♊ 5	6°R30	8♐37	29♍11	16♐24	2°R12	27°R57	28♎58	14♉ 4	n.a.	T 1
F 2	0 1 20	28°45'33	28° 2	18° 7	17° 4	15°24	6♈22	8°41	29°15	16°25	2♓11	27♎54	28°54	14°10	n.a.	F 2
S 3	0 5 17	29°46'03	10♒ 4	19°29	18°19	15°43	6°14	8°45	29°19	16°26	2°10	27°50	28°51	14°17	n.a.	S 3
S 4	0 9 13	0♎46'36	22°17	20°50	19°34	16° 2	6° 6	8°48	29°23	16°26	2° 9	27°45	28°48	14°24	n.a.	S 4
M 5	0 13 10	1°47'10	4♓43	22°11	20°49	16°20	5°58	8°52	29°27	16°27	2° 8	27°40	28°45	14°31	n.a.	M 5
T 6	0 17 6	2°47'45	17°24	23°30	22° 4	16°37	5°50	8°57	29°30	16°28	2° 7	27°36	28°42	14°37	n.a.	T 6
W 7	0 21 3	3°48'22	0♈20	24°47	23°19	16°54	5°42	9° 1	29°34	16°29	2° 6	27°33	28°38	14°44	n.a.	W 7
T 8	0 24 59	4°49'00	13°31	26° 4	24°33	17°10	5°33	9° 5	29°38	16°30	2° 5	27°31	28°35	14°51	n.a.	T 8
F 9	0 28 56	5°49'40	26°56	27°18	25°48	17°26	5°25	9° 9	29°42	16°31	2° 4	27°D31	28°32	14°57	n.a.	F 9
S 10	0 32 52	6°50'22	10♉33	28°31	27° 3	17°41	5°17	9°14	29°45	16°32	2° 3	27°31	28°29	15° 4	n.a.	S 10
S 11	0 36 49	7°51'06	24°20	29°41	28°18	17°56	5° 9	9°18	29°49	16°33	2° 3	27°32	28°26	15°11	n.a.	S 11
M12	0 40 45	8°51'51	8♊16	0♏49	29°33	18°11	5° 1	9°23	29°53	16°34	2° 2	27°34	28°23	15°18	n.a.	M12
T 13	0 44 42	9°52'39	22°19	1°55	0♏48	18°24	4°53	9°27	29°57	16°35	2° 1	27°35	28°19	15°24	n.a.	T 13
W14	0 48 39	10°53'28	6♋27	2°57	2° 3	18°38	4°44	9°32	0♎ 0	16°37	2° 0	27°R36	28°16	15°31	n.a.	W14
T 15	0 52 35	11°54'18	20°38	3°56	3°17	18°50	4°36	9°37	0° 4	16°38	1°59	27°35	28°13	15°38	n.a.	T 15
F 16	0 56 32	12°55'11	4♌51	4°50	4°32	19° 2	4°28	9°42	0° 8	16°39	1°58	27°35	28°10	15°44	n.a.	F 16
S 17	1 0 28	13°56'05	19° 2	5°40	5°47	19°14	4°20	9°47	0°11	16°40	1°57	27°33	28° 7	15°51	n.a.	S 17
S 18	1 4 25	14°57'00	3♍ 9	6°25	7° 2	19°24	4°12	9°52	0°15	16°42	1°56	27°31	28° 4	15°58	n.a.	S 18
M19	1 8 21	15°57'57	17° 8	7° 4	8°17	19°34	4° 5	9°57	0°19	16°43	1°56	27°30	28° 0	16° 5	n.a.	M19
T 20	1 12 18	16°58'56	0♎56	7°37	9°31	19°44	3°57	10° 2	0°22	16°44	1°55	27°29	27°57	16°11	n.a.	T 20
W21	1 16 14	17°59'56	14°29	8° 2	10°46	19°53	3°49	10° 7	0°26	16°46	1°54	27°28	27°54	16°18	n.a.	W21
T 22	1 20 11	19° 0'57	27°47	8°19	12° 1	20° 1	3°41	10°12	0°30	16°47	1°53	27°D28	27°51	16°25	n.a.	T 22
F 23	1 24 8	20° 1'59	10♏47	8°R28	13°16	20° 8	3°34	10°18	0°33	16°48	1°53	27°28	27°48	16°31	n.a.	F 23
S 24	1 28 4	21° 3'02	23°29	8°26	14°30	20°15	3°26	10°23	0°37	16°50	1°52	27°28	27°44	16°38	n.a.	S 24
S 25	1 32 1	22° 4'06	5♐55	8°14	15°45	20°21	3°19	10°29	0°41	16°51	1°51	27°29	27°41	16°45	n.a.	S 25
M26	1 35 57	23° 5'11	18° 7	7°51	17° 0	20°27	3°12	10°34	0°44	16°53	1°51	27°29	27°38	16°52	n.a.	M26
T 27	1 39 54	24° 6'17	0♑ 8	7°17	18°15	20°31	3° 5	10°40	0°48	16°54	1°50	27°30	27°35	16°58	n.a.	T 27
W28	1 43 50	25° 7'24	12° 2	6°32	19°29	20°35	2°58	10°45	0°51	16°56	1°49	27°30	27°32	17° 5	n.a.	W28
T 29	1 47 47	26° 8'31	23°54	5°36	20°44	20°38	2°51	10°51	0°55	16°57	1°49	27°R30	27°29	17°12	n.a.	T 29
F 30	1 51 43	27° 9'39	5♒49	4°31	21°59	20°41	2°44	10°57	0°58	16°59	1°48	27°D30	27°25	17°19	n.a.	F 30
S 31	1 55 40	28♎10'48	17♒51	3♏18	23♏13	20♊42	2♈37	11♐ 3	1♎ 2	17♐ 1	1♓47	27♎30	27♎22	17♉25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n55	17s46	5n 6	8s29	1s57	6s 7	0n13	23n35	0n36	1n 7	1s39	21s34	0n32	0n55	0n38	22s27	0n41	27s 4	17s31	10s55	11s17	18s 8			n.a.
F 2	0 30	15 47	5 13	9 6	2 2	6 39	0 10	23 39	0 38	1 3	1 39	21 35	0 32	0 53	0 38	22 27	0 40	27 4	17 31	10 54	11 16	18 7			n.a.
S 3	0 6	13 6	5 6	9 42	2 7	7 10	0 8	23 42	0 40	1 0	1 39	21 36	0 32	0 52	0 38	22 27	0 40	27 5	17 31	10 52	11 15	18 6			n.a.
S 4	0s19	9 49	4 45	10 18	2 12	7 41	0 5	23 46	0 42	0 57	1 39	21 37	0 31	0 50	0 38	22 27	0 40	27 5	17 31	10 51	11 13	18 5			n.a.
M 5	0 43	6 3	4 10	10 53	2 16	8 12	0 3	23 50	0 43	0 54	1 39	21 37	0 31	0 49	0 38	22 27	0 40	27 5	17 31	10 49	11 12	18 4			n.a.
T 6	1 8	1 57	3 23	11 26	2 20	8 43	0 0	23 53	0 45	0 51	1 39	21 38	0 31	0 47	0 38	22 27	0 40	27 5	17 30	10 47	11 11	18 3			n.a.
W 7	1 32	2n20	2 24	11 59	2 24	9 14	0s 2	23 57	0 47	0 47	1 39	21 39	0 31	0 46	0 38	22 28	0 40	27 5	17 30	10 46	11 10	18 2			n.a.
T 8	1 57	6 35	1 16	12 30	2 27	9 44	0 5	24 1	0 49	0 44	1 39	21 40	0 31	0 44	0 38	22 28	0 40	27 6	17 30	10 46	11 9	18 1			n.a.
F 9	2 21	10 36	0 3	13 1	2 30	10 15	0 7	24 4	0 51	0 41	1 39	21 40	0 31	0 43	0 38	22 28	0 40	27 6	17 30	10 45	11 8	18 0			n.a.
S 10	2 45	14 6	1s11	13 30	2 33	10 45	0 10	24 7	0 53	0 38	1 39	21 41	0 31	0 41	0 38	22 28	0 40	27 6	17 30	10 45	11 6	17 59			n.a.
S 11	3 10	16 51	2 23	13 57	2 35	11 14	0 13	24 11	0 55	0 34	1 39	21 42	0 31	0 40	0 38	22 28	0 40	27 6	17 29	10 46	11 5	17 58			n.a.
M12	3 34	18 39	3 26	14 23	2 36	11 44	0 15	24 14	0 57	0 31	1 38	21 43	0 31	0 38	0 38	22 28	0 40	27 6	17 29	10 46	11 4	17 57			n.a.
T 13	3 58	19 18	4 18	14 47	2 37	12 13	0 18	24 17	0 59	0 28	1 38	21 44	0 30	0 37	0 38	22 28	0 40	27 6	17 29	10 47	11 3	17 56			n.a.
W14	4 23	18 46	4 55	15 9	2 37	12 42	0 20	24 20	1 1	0 25	1 38	21 44	0 30	0 35	0 38	22 29	0 40	27 6	17 29	10 47	11 2	17 55			n.a.
T 15	4 47	17 3	5 14	15 28	2 36	13 10	0 23	24 24	1 3	0 22	1 38	21 45	0 30	0 34	0 38	22 29	0 40	27 7	17 28	10 47	11 1	17 54			n.a.
F 16	5 11	14 18	5 14	15 46	2 35	13 38	0 26	24 27	1 5	0 19	1 38	21 46	0 30	0 32	0 38	22 29	0 40	27 7	17 28	10 47	11 0	17 53			n.a.
S 17	5 35	10 42	4 54	16 1	2 32	14 6	0 28	24 30	1 7	0 16	1 38	21 47	0 30	0 31	0 38	22 29	0 40	27 7	17 28	10 46	10 58	17 52			n.a.
S 18	5 59	6 31	4 17	16 13	2 29	14 34	0 31	24 33	1 9	0 13	1 38	21 48	0 30	0 29	0 38	22 29	0 40	27 7	17 28	10 46	10 57	17 52			n.a.
M19	6 23	2 1	3 25	16 22	2 24	15 1	0 33	24 36	1 11	0 10	1 37	21 49	0 30	0 28	0 38	22 29	0 40	27 7	17 27	10 45	10 56	17 51			n.a.
T 20	6 47	2s32	2 22	16 28	2 19	15 28	0 36	24 39	1 14	0 7	1 37	21 50	0 30	0 26	0 38	22 30	0 40	27 7	17 27	10 45	10 55	17 50			n.a.
W21	7 10	6 54	1 11	16 29	2 12	15 54	0 38	24 42	1 16	0 4	1 37	21 51	0 29	0 25	0 38	22 30	0 40	27 7	17 27	10 44	10 54	17 49			n.a.
T 22	7 34	10 50	0n 2	16 27	2 4	16 20	0 41	24 45	1 18	0 1	1 37	21 51	0 29	0 23	0 39	22 30	0 40	27 7	17 27	10 44	10 53	17 48			n.a.
F 23	7 57	14 8	1 13	16 21	1 54	16 46	0 43	24 47	1 20	0s 2	1 37	21 52	0 29	0 22	0 39	22 30	0 40	27 7	17 26	10 44	10 51	17 47			n.a.
S 24	8 21	16 42	2 19	16 9	1 42	17 11	0 46	24 50	1 23	0 5	1 37	21 53	0 29	0 20	0 39	22 30	0 40	27 7	17 26	10 44	10 50	17 46			n.a.
S 25	8 44	18 24	3 18	15 53	1 29	17 35	0 48	24 53	1 25	0 8	1 36	21 54	0 29	0 19	0 39	22 30	0 40	27 7	17 26	10 45	10 49	17 45			n.a.
M26	9 7	19 13	4 6	15 32	1 15	18 0	0 51	24 56	1 27	0 11	1 36	21 55	0 29	0 17	0 39	22 31	0 40	27 7	17 26	10 45	10 48	17 44			n.a.
T 27	9 30	19 8	4 42	15 5	0 59	18 23	0 53	24 59	1 30	0 13	1 36	21 56	0 29	0 16	0 39	22 31	0 40	27 7	17 25	10 45	10 47	17 43			n.a.
W28	9 53	18 12	5 6	14 34	0 41	18 46	0 55	25 1	1 32	0 16	1 36	21 57	0 29	0 15	0 39	22 31	0 40	27 7	17 25	10 45	10 46	17 42			n.a.
T 29	10 15	16 28	5 17	13 57	0 22	19 9	0 58	25 4	1 35	0 18	1 35	21 58	0 29	0 13	0 39	22 31	0 40	27 7	17 25	10 45	10 45	17 41			n.a.
F 30	10 38	14 3	5 14	13 16	0 2	19 31	1 0	25 7	1 37	0 21	1 35	21 59	0 28	0 12	0 39	22 31	0 40	27 7	17 24	10 45	10 43	17 40			n.a.
S 31	11s 0	11s 1	4n58	12s32	0n18	19s53	1s 2	25n 9	1n40	0s23	1s35	22s 0	0n28	0n10	0n39	22s32	0n40	27s 7	17s24	10s45	10s42	17s39			n.a.

Julian Day Number = 1307868.5, Delta T = 07h44m20s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'17, Lahiri = -19°35'16 Julian Calendar 1 Oct. 1133 BCE == Greg. Calendar 20 Sept. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

NOVEMBER 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 59 37	29♎11'57	0♓ 4	1°R59	24♏28	20♊43	2°R31	11♐ 9	1♎ 5	17♐ 2	1°R47	27♎30	27♎19	17♉32	n.a.	S 1
M 2	2 3 33	0♏13'06	12°33	0♏36	25°42	20°R43	2♈24	11°14	1° 9	17° 4	1♓46	27°31	27°16	17°39	n.a.	M 2
T 3	2 7 30	1°14'16	25°20	29♎13	26°57	20°43	2°18	11°20	1°12	17° 6	1°46	27°31	27°13	17°45	n.a.	T 3
W 4	2 11 26	2°15'27	8♈28	27°53	28°11	20°41	2°12	11°26	1°15	17° 7	1°45	27°31	27° 9	17°52	n.a.	W 4
T 5	2 15 23	3°16'38	21°57	26°37	29°26	20°39	2° 6	11°33	1°19	17° 9	1°45	27°R32	27° 6	17°59	n.a.	T 5
F 6	2 19 19	4°17'50	5♉45	25°29	0♐41	20°36	2° 0	11°39	1°22	17°11	1°44	27°32	27° 3	18° 6	n.a.	F 6
S 7	2 23 16	5°19'03	19°50	24°30	1°55	20°32	1°54	11°45	1°25	17°13	1°44	27°31	27° 0	18°12	n.a.	S 7
S 8	2 27 12	6°20'16	4♊ 8	23°41	3°10	20°27	1°49	11°51	1°29	17°15	1°44	27°30	26°57	18°19	n.a.	S 8
M 9	2 31 9	7°21'30	18°32	23° 2	4°24	20°22	1°43	11°57	1°32	17°16	1°43	27°29	26°54	18°26	n.a.	M 9
T 10	2 35 6	8°22'44	2♋59	22°35	5°38	20°15	1°38	12° 4	1°35	17°18	1°43	27°28	26°50	18°32	n.a.	T 10
W11	2 39 2	9°24'00	17°23	22°19	6°53	20° 8	1°33	12°10	1°38	17°20	1°42	27°27	26°47	18°39	n.a.	W11
T 12	2 42 59	10°25'16	1♌41	22°D13	8° 7	20° 0	1°28	12°16	1°41	17°22	1°42	27°26	26°44	18°46	n.a.	T 12
F 13	2 46 55	11°26'32	15°49	22°17	9°22	19°51	1°24	12°23	1°45	17°24	1°42	27°D26	26°41	18°53	n.a.	F 13
S 14	2 50 52	12°27'50	29°45	22°30	10°36	19°42	1°19	12°29	1°48	17°26	1°42	27°26	26°38	18°59	n.a.	S 14
S 15	2 54 48	13°29'08	13♍30	22°52	11°50	19°31	1°15	12°36	1°51	17°28	1°41	27°28	26°35	19° 6	n.a.	S 15
M16	2 58 45	14°30'26	27° 2	23°21	13° 5	19°20	1°11	12°42	1°54	17°30	1°41	27°29	26°31	19°13	n.a.	M16
T 17	3 2 42	15°31'45	10♎22	23°57	14°19	19° 7	1° 7	12°49	1°57	17°32	1°41	27°30	26°28	19°20	n.a.	T 17
W18	3 6 38	16°33'04	23°30	24°39	15°33	18°55	1° 3	12°56	2° 0	17°34	1°41	27°R31	26°25	19°26	n.a.	W18
T 19	3 10 35	17°34'23	6♏24	25°26	16°47	18°41	1° 0	13° 2	2° 3	17°36	1°40	27°31	26°22	19°33	n.a.	T 19
F 20	3 14 31	18°35'43	19° 7	26°18	18° 2	18°26	0°56	13° 9	2° 6	17°38	1°40	27°29	26°19	19°40	n.a.	F 20
S 21	3 18 28	19°37'02	1♐37	27°14	19°16	18°11	0°53	13°16	2° 8	17°40	1°40	27°27	26°15	19°46	n.a.	S 21
S 22	3 22 24	20°38'22	13°56	28°14	20°30	17°55	0°50	13°22	2°11	17°42	1°40	27°23	26°12	19°53	n.a.	S 22
M23	3 26 21	21°39'41	26° 4	29°18	21°44	17°38	0°48	13°29	2°14	17°44	1°40	27°19	26° 9	20° 0	n.a.	M23
T 24	3 30 17	22°41'00	8♑ 4	0♏24	22°58	17°21	0°45	13°36	2°17	17°46	1°40	27°14	26° 6	20° 7	n.a.	T 24
W25	3 34 14	23°42'19	19°57	1°33	24°12	17° 2	0°43	13°43	2°20	17°48	1°40	27°10	26° 3	20°13	n.a.	W25
T 26	3 38 11	24°43'37	1♒49	2°44	25°26	16°44	0°41	13°50	2°22	17°50	1°D40	27° 7	26° 0	20°20	n.a.	T 26
F 27	3 42 7	25°44'55	13°41	3°57	26°40	16°24	0°39	13°57	2°25	17°52	1°40	27° 5	25°56	20°27	n.a.	F 27
S 28	3 46 4	26°46'13	25°40	5°12	27°54	16° 4	0°37	14° 3	2°27	17°55	1°40	27°D 4	25°53	20°34	n.a.	S 28
S 29	3 50 0	27°47'30	7♓50	6°29	29° 8	15°44	0°36	14°10	2°30	17°57	1°40	27° 4	25°50	20°40	n.a.	S 29
M30	3 53 57	28♏48'46	20♓15	7♏47	0♑22	15♊23	0♈34	14♐17	2♎32	17♐59	1♓40	27♎ 6	25♎47	20♉47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s22	7s28	4n28	11s45	0n39	20s14	1s 5	25n12	1n42	0s26	1s35	22s 1	0n28	0n 9	0n39	22s32	0n40	27s 7	17s24	10s45	10s41	17s38		n.a.
M 2	11 44	3 30	3 45	10 57	0 59	20 35	1 7	25 14	1 45	0 28	1 35	22 2	0 28	0 8	0 39	22 32	0 40	27 7	17 23	10 45	10 40	17 37		n.a.
T 3	12 6	0n42	2 49	10 9	1 18	20 55	1 9	25 17	1 47	0 31	1 34	22 2	0 28	0 6	0 39	22 32	0 39	27 7	17 23	10 45	10 39	17 36		n.a.
W 4	12 27	5 0	1 44	9 24	1 36	21 14	1 11	25 19	1 50	0 33	1 34	22 3	0 28	0 5	0 39	22 32	0 39	27 6	17 23	10 46	10 38	17 35		n.a.
T 5	12 48	9 10	0 31	8 41	1 53	21 33	1 13	25 22	1 52	0 35	1 34	22 4	0 28	0 4	0 39	22 32	0 39	27 6	17 22	10 46	10 36	17 34		n.a.
F 6	13 9	12 56	0s45	8 2	2 7	21 51	1 15	25 24	1 55	0 37	1 33	22 5	0 28	0 2	0 39	22 33	0 39	27 6	17 22	10 46	10 35	17 33		n.a.
S 7	13 30	16 3	2 1	7 29	2 20	22 9	1 17	25 26	1 58	0 39	1 33	22 6	0 28	0 1	0 39	22 33	0 39	27 6	17 22	10 45	10 34	17 32		n.a.
S 8	13 51	18 13	3 9	7 1	2 30	22 26	1 19	25 29	2 0	0 41	1 33	22 7	0 28	0s 0	0 39	22 33	0 39	27 6	17 21	10 45	10 33	17 31		n.a.
M 9	14 11	19 14	4 7	6 40	2 38	22 42	1 21	25 31	2 3	0 43	1 33	22 8	0 27	0 2	0 39	22 33	0 39	27 6	17 21	10 45	10 32	17 30		n.a.
T 10	14 32	18 59	4 48	6 24	2 44	22 57	1 23	25 33	2 6	0 45	1 32	22 9	0 27	0 3	0 39	22 33	0 39	27 6	17 21	10 44	10 31	17 29		n.a.
W11	14 51	17 31	5 12	6 14	2 48	23 12	1 25	25 35	2 8	0 47	1 32	22 10	0 27	0 4	0 39	22 34	0 39	27 5	17 20	10 44	10 29	17 28		n.a.
T 12	15 11	14 59	5 16	6 10	2 50	23 27	1 27	25 37	2 11	0 48	1 32	22 11	0 27	0 6	0 39	22 34	0 39	27 5	17 20	10 44	10 28	17 27		n.a.
F 13	15 31	11 35	5 0	6 11	2 51	23 40	1 29	25 39	2 14	0 50	1 31	22 12	0 27	0 7	0 39	22 34	0 39	27 5	17 20	10 44	10 27	17 25		n.a.
S 14	15 50	7 34	4 28	6 16	2 50	23 53	1 30	25 41	2 17	0 51	1 31	22 13	0 27	0 8	0 39	22 34	0 39	27 5	17 19	10 44	10 26	17 24		n.a.
S 15	16 8	3 13	3 40	6 26	2 48	24 5	1 32	25 43	2 19	0 53	1 31	22 14	0 27	0 9	0 39	22 35	0 39	27 5	17 19	10 44	10 25	17 23		n.a.
M16	16 27	1s15	2 41	6 40	2 45	24 17	1 33	25 45	2 22	0 54	1 31	22 15	0 27	0 10	0 39	22 35	0 39	27 4	17 19	10 45	10 24	17 22		n.a.
T 17	16 45	5 36	1 33	6 56	2 42	24 28	1 35	25 47	2 25	0 55	1 30	22 16	0 27	0 12	0 39	22 35	0 39	27 4	17 18	10 45	10 22	17 21		n.a.
W18	17 3	9 37	0 22	7 16	2 37	24 38	1 36	25 48	2 27	0 57	1 30	22 17	0 27	0 13	0 39	22 35	0 39	27 4	17 18	10 45	10 21	17 20		n.a.
T 19	17 21	13 6	0n49	7 38	2 32	24 47	1 38	25 50	2 30	0 58	1 30	22 18	0 26	0 14	0 39	22 35	0 39	27 4	17 17	10 45	10 20	17 19		n.a.
F 20	17 38	15 55	1 56	8 3	2 26	24 55	1 39	25 51	2 33	0 59	1 29	22 19	0 26	0 15	0 39	22 36	0 39	27 3	17 17	10 45	10 19	17 18		n.a.
S 21	17 55	17 56	2 57	8 29	2 20	25 3	1 40	25 52	2 35	1 0	1 29	22 19	0 26	0 16	0 39	22 36	0 39	27 3	17 17	10 44	10 18	17 17		n.a.
S 22	18 12	19 4	3 48	8 57	2 13	25 10	1 41	25 53	2 38	1 1	1 29	22 20	0 26	0 17	0 39	22 36	0 39	27 3	17 16	10 43	10 17	17 16		n.a.
M23	18 28	19 18	4 28	9 26	2 7	25 16	1 43	25 54	2 41	1 1	1 28	22 21	0 26	0 19	0 39	22 36	0 39	27 2	17 16	10 41	10 15	17 15		n.a.
T 24	18 44	18 39	4 56	9 56	1 59	25 22	1 44	25 55	2 43	1 2	1 28	22 22	0 26	0 20	0 39	22 36	0 39	27 2	17 16	10 39	10 14	17 14		n.a.
W25	19 0	17 11	5 11	10 27	1 52	25 26	1 45	25 56	2 46	1 3	1 28	22 23	0 26	0 21	0 39	22 37	0 39	27 2	17 15	10 38	10 13	17 13		n.a.
T 26	19 15	15 0	5 12	10 59	1 45	25 30	1 46	25 57	2 48	1 3	1 27	22 24	0 26	0 22	0 39	22 37	0 39	27 1	17 15	10 37	10 12	17 12		n.a.
F 27	19 30	12 11	5 0	11 31	1 37	25 33	1 46	25 57	2 51	1 4	1 27	22 25	0 26	0 23	0 39	22 37	0 39	27 1	17 15	10 36	10 11	17 11		n.a.
S 28	19 45	8 51	4 35	12 4	1 29	25 36	1 47	25 57	2 53	1 4	1 27	22 26	0 26	0 24	0 39	22 37	0 39	27 1	17 14	10 36	10 10	17 10		n.a.
S 29	19 59	5 6	3 58	12 37	1 21	25 37	1 48	25 57	2 55	1 5	1 26	22 27	0 26	0 25	0 39	22 38	0 39	27 0	17 14	10 36	10 8	17 9		n.a.
M30	20s13	1s 3	3n 8	13s10	1n14	25s38	1s48	25n57	2n58	1s 5	1s26	22s28	0n26	0s26	0n39	22s38	0n39	27s 0	17s13	10s36	10s 7	17s 7		n.a.

Julian Day Number = 1307899.5, Delta T = 07h44m18s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'12, Lahiri = -19°35'12 Julian Calendar 1 Nov. 1133 BCE == Greg. Calendar 21 Oct. 1133 BCE

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ASTRODIENST EPHEMERIS for the year 1133 BCE
geocentric

DECEMBER 1133 BCE (-1132) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 53	29♏50'01	3♈ 0	9♏ 6	1♉36	15°R 1	0°R33	14♐24	2♎35	18♐ 1	1♓40	27♎ 8	25♎44	20♉54	n.a.	T 1
W 2	4 1 50	0♐51'16	16° 9	10°27	2°50	14♊39	0♈32	14°31	2°37	18° 3	1°40	27° 9	25°40	21° 0	n.a.	W 2
T 3	4 5 46	1°52'30	29°44	11°48	4° 4	14°17	0°32	14°38	2°40	18° 6	1°40	27°R10	25°37	21° 7	n.a.	T 3
F 4	4 9 43	2°53'44	13♉45	13°11	5°17	13°54	0°31	14°45	2°42	18° 8	1°41	27° 8	25°34	21°14	n.a.	F 4
S 5	4 13 40	3°54'57	28°10	14°35	6°31	13°31	0°31	14°52	2°44	18°10	1°41	27° 5	25°31	21°21	n.a.	S 5
S 6	4 17 36	4°56'10	12♊53	15°59	7°45	13° 8	0°D31	15° 0	2°47	18°12	1°41	27° 1	25°28	21°27	n.a.	S 6
M 7	4 21 33	5°57'22	27°48	17°25	8°58	12°44	0°31	15° 7	2°49	18°14	1°41	26°55	25°25	21°34	n.a.	M 7
T 8	4 25 29	6°58'33	12♋44	18°51	10°12	12°20	0°31	15°14	2°51	18°17	1°42	26°49	25°21	21°41	n.a.	T 8
W 9	4 29 26	7°59'44	27°34	20°18	11°25	11°56	0°32	15°21	2°53	18°19	1°42	26°43	25°18	21°47	n.a.	W 9
T 10	4 33 22	9° 0'54	12♌10	21°46	12°39	11°32	0°33	15°28	2°55	18°21	1°42	26°38	25°15	21°54	n.a.	T 10
F 11	4 37 19	10° 2'04	26°28	23°14	13°52	11° 8	0°34	15°35	2°57	18°23	1°43	26°35	25°12	22° 1	n.a.	F 11
S 12	4 41 16	11° 3'14	10♍25	24°43	15° 6	10°44	0°35	15°42	2°59	18°26	1°43	26°D34	25° 9	22° 8	n.a.	S 12
S 13	4 45 12	12° 4'22	24° 1	26°12	16°19	10°20	0°36	15°49	3° 1	18°28	1°43	26°35	25° 6	22°14	n.a.	S 13
M14	4 49 9	13° 5'31	7♎19	27°43	17°32	9°56	0°38	15°56	3° 3	18°30	1°44	26°36	25° 2	22°21	n.a.	M14
T 15	4 53 5	14° 6'38	20°19	29°13	18°45	9°32	0°40	16° 4	3° 5	18°32	1°44	26°R37	24°59	22°28	n.a.	T 15
W16	4 57 2	15° 7'45	3♏ 5	0♐45	19°59	9° 8	0°42	16°11	3° 7	18°35	1°45	26°37	24°56	22°35	n.a.	W16
T 17	5 0 58	16° 8'51	15°39	2°17	21°12	8°45	0°44	16°18	3° 8	18°37	1°45	26°35	24°53	22°41	n.a.	T 17
F 18	5 4 55	17° 9'56	28° 4	3°50	22°25	8°22	0°46	16°25	3°10	18°39	1°46	26°31	24°50	22°48	n.a.	F 18
S 19	5 8 51	18°11'01	10♐19	5°23	23°38	7°59	0°49	16°32	3°12	18°42	1°46	26°24	24°46	22°55	n.a.	S 19
S 20	5 12 48	19°12'04	22°27	6°57	24°51	7°36	0°51	16°39	3°13	18°44	1°47	26°15	24°43	23° 1	n.a.	S 20
M21	5 16 45	20°13'06	4♉29	8°31	26° 4	7°14	0°54	16°46	3°15	18°46	1°47	26° 4	24°40	23° 8	n.a.	M21
T 22	5 20 41	21°14'07	16°25	10° 7	27°16	6°53	0°58	16°54	3°16	18°48	1°48	25°53	24°37	23°15	n.a.	T 22
W23	5 24 38	22°15'06	28°17	11°43	28°29	6°32	1° 1	17° 1	3°18	18°51	1°48	25°42	24°34	23°22	n.a.	W23
T 24	5 28 34	23°16'05	10♒ 8	13°19	29°42	6°11	1° 5	17° 8	3°19	18°53	1°49	25°32	24°31	23°28	n.a.	T 24
F 25	5 32 31	24°17'01	22° 0	14°56	0♒54	5°51	1° 8	17°15	3°20	18°55	1°50	25°25	24°27	23°35	n.a.	F 25
S 26	5 36 27	25°17'56	3♓57	16°34	2° 7	5°31	1°12	17°22	3°22	18°58	1°50	25°20	24°24	23°42	n.a.	S 26
S 27	5 40 24	26°18'50	16° 3	18°13	3°19	5°12	1°16	17°29	3°23	19° 0	1°51	25°17	24°21	23°49	n.a.	S 27
M28	5 44 21	27°19'42	28°22	19°52	4°32	4°54	1°21	17°36	3°24	19° 2	1°52	25°D16	24°18	23°55	n.a.	M28
T 29	5 48 17	28°20'32	11♈ 1	21°33	5°44	4°36	1°25	17°43	3°25	19° 4	1°52	25°17	24°15	24° 2	n.a.	T 29
W30	5 52 14	29°21'20	24° 3	23°14	6°56	4°20	1°30	17°50	3°26	19° 7	1°53	25°R17	24°12	24° 9	n.a.	W30
T 31	5 56 10	0♉22'07	7♉33	24♐55	8♒ 8	4♊ 3	1♈35	17♐57	3♎27	19♐ 9	1♓54	25♎17	24♎ 8	24♉15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s27	3n10	2n 8	13s44	1n 6	25s38	1s49	25n57	3n 0	1s 5	1s26	22s29	0n25	0s27	0n39	22s38	0n39	27s 0	17s13	10s37	10s 6	17s 6			n.a.
W 2	20 40	7 22	1 0	14 17	0 58	25 37	1 49	25 57	3 2	1 5	1 25	22 30	0 25	0 28	0 39	22 38	0 39	26 59	17 13	10 37	10 5	17 5			n.a.
T 3	20 52	11 20	0s14	14 50	0 50	25 36	1 50	25 56	3 4	1 5	1 25	22 31	0 25	0 29	0 39	22 38	0 39	26 59	17 12	10 38	10 4	17 4			n.a.
F 4	21 5	14 48	1 29	15 23	0 42	25 33	1 50	25 55	3 7	1 5	1 25	22 31	0 25	0 30	0 39	22 39	0 39	26 58	17 12	10 37	10 2	17 3			n.a.
S 5	21 16	17 28	2 41	15 56	0 34	25 30	1 50	25 55	3 9	1 5	1 24	22 32	0 25	0 30	0 39	22 39	0 39	26 58	17 12	10 36	10 1	17 2			n.a.
S 6	21 28	19 2	3 43	16 28	0 27	25 26	1 50	25 53	3 11	1 4	1 24	22 33	0 25	0 31	0 39	22 39	0 39	26 58	17 11	10 34	10 0	17 1			n.a.
M 7	21 39	19 18	4 31	17 0	0 19	25 21	1 50	25 52	3 12	1 4	1 23	22 34	0 25	0 32	0 39	22 39	0 39	26 57	17 11	10 32	9 59	17 0			n.a.
T 8	21 50	18 13	5 0	17 31	0 12	25 16	1 50	25 51	3 14	1 3	1 23	22 35	0 25	0 33	0 39	22 39	0 39	26 57	17 10	10 30	9 58	16 59			n.a.
W 9	22 0	15 56	5 10	18 3	0 4	25 10	1 50	25 49	3 16	1 3	1 23	22 36	0 25	0 34	0 39	22 40	0 39	26 56	17 10	10 28	9 57	16 58			n.a.
T 10	22 10	12 39	4 58	18 33	0s 3	25 3	1 50	25 48	3 18	1 2	1 22	22 37	0 25	0 35	0 39	22 40	0 39	26 56	17 10	10 26	9 55	16 57			n.a.
F 11	22 19	8 41	4 29	19 3	0 10	24 55	1 50	25 46	3 19	1 2	1 22	22 38	0 25	0 36	0 39	22 40	0 39	26 55	17 9	10 25	9 54	16 55			n.a.
S 12	22 28	4 20	3 44	19 32	0 17	24 46	1 50	25 44	3 21	1 1	1 22	22 38	0 25	0 36	0 39	22 40	0 39	26 55	17 9	10 25	9 53	16 54			n.a.
S 13	22 36	0s 8	2 47	20 1	0 24	24 37	1 49	25 41	3 22	1 0	1 21	22 39	0 24	0 37	0 39	22 41	0 39	26 54	17 9	10 25	9 52	16 53			n.a.
M14	22 44	4 31	1 43	20 28	0 31	24 27	1 49	25 39	3 23	0 59	1 21	22 40	0 24	0 38	0 39	22 41	0 39	26 54	17 8	10 25	9 51	16 52			n.a.
T 15	22 52	8 35	0 34	20 55	0 38	24 16	1 48	25 37	3 25	0 58	1 21	22 41	0 24	0 38	0 40	22 41	0 39	26 53	17 8	10 26	9 50	16 51			n.a.
W16	22 59	12 12	0n35	21 21	0 44	24 5	1 47	25 34	3 26	0 57	1 20	22 42	0 24	0 39	0 40	22 41	0 39	26 53	17 8	10 26	9 48	16 50			n.a.
T 17	23 6	15 11	1 41	21 46	0 50	23 53	1 46	25 31	3 27	0 56	1 20	22 42	0 24	0 40	0 40	22 41	0 39	26 52	17 7	10 25	9 47	16 49			n.a.
F 18	23 12	17 26	2 41	22 11	0 56	23 40	1 46	25 28	3 28	0 54	1 20	22 43	0 24	0 40	0 40	22 42	0 39	26 52	17 7	10 23	9 46	16 48			n.a.
S 19	23 17	18 51	3 33	22 34	1 2	23 26	1 45	25 26	3 29	0 53	1 19	22 44	0 24	0 41	0 40	22 42	0 39	26 51	17 6	10 21	9 45	16 46			n.a.
S 20	23 23	19 23	4 14	22 56	1 8	23 12	1 43	25 23	3 30	0 51	1 19	22 45	0 24	0 42	0 40	22 42	0 39	26 51	17 6	10 17	9 44	16 45			n.a.
M21	23 28	19 2	4 44	23 17	1 13	22 57	1 42	25 19	3 30	0 50	1 19	22 46	0 24	0 42	0 40	22 42	0 39	26 50	17 6	10 14	9 42	16 44			n.a.
T 22	23 32	17 50	5 0	23 37	1 18	22 42	1 41	25 16	3 31	0 48	1 18	22 47	0 24	0 43	0 40	22 42	0 39	26 50	17 5	10 9	9 41	16 43			n.a.
W23	23 36	15 52	5 4	23 56	1 23	22 25	1 40	25 13	3 31	0 47	1 18	22 47	0 24	0 43	0 40	22 43	0 39	26 49	17 5	10 5	9 40	16 42			n.a.
T 24	23 39	13 16	4 55	24 13	1 28	22 9	1 38	25 10	3 32	0 45	1 18	22 48	0 24	0 44	0 40	22 43	0 39	26 49	17 5	10 2	9 39	16 41			n.a.
F 25	23 42	10 6	4 33	24 29	1 32	21 51	1 37	25 7	3 32	0 43	1 17	22 49	0 24	0 44	0 40	22 43	0 38	26 48	17 4	9 59	9 38	16 40			n.a.
S 26	23 44	6 31	3 59	24 44	1 37	21 33	1 35	25 3	3 32	0 41	1 17	22 50	0 23	0 45	0 40	22 43	0 38	26 48	17 4	9 57	9 37	16 39			n.a.
S 27	23 46	2 38	3 13	24 58	1 40	21 15	1 34	25 0	3 33	0 39	1 17	22 50	0 23	0 45	0 40	22 43	0 38	26 47	17 4	9 56	9 35	16 37			n.a.
M28	23 48	1n27	2 18	25 10	1 44	20 55	1 32	24 57	3 33	0 37	1 16	22 51	0 23	0 46	0 40	22 44	0 38	26 46	17 3	9 56	9 34	16 36			n.a.
T 29	23 49	5 35	1 15	25 20	1 47	20 36	1 30	24 53	3 33	0 35	1 16	22 52	0 23	0 46	0 40	22 44	0 38	26 46	17 3	9 56	9 33	16 35			n.a.
W30	23 50	9 35	0 7	25 29	1 50	20 15	1 28	24 50	3 33	0 33	1 16	22 53	0 23	0 47	0 40	22 44	0 38	26 45	17 3	9 56	9 32	16 34			n.a.
T 31	23s50	13n14	1s 5	25s36	1s53	19s55	1s26	24n47	3n33	0s31	1s15	22s53	0n23	0s47	0n40	22s44	0n38	26s45	17s 2	9s56	9s31	16s33			n.a.

Julian Day Number = 1307929.5, Delta T = 07h44m17s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'08, Lahiri = -19°35'08 Julian Calendar 1 Dec. 1133 BCE == Greg. Calendar 20 Nov. 1133 BCE

The year -1132 astronomical counting style corresponds to year 1133 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

JANUARY 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 0 7	1♉22'52	21♉32	26♐38	9♒20	3°R48	1♈40	18♐ 4	3♎28	19♐11	1♓55	25°R14	24♎ 5	24♉22	n.a.	F 1
S 2	6 4 3	2°23'35	6♊ 1	28°21	10°32	3♊33	1°45	18°11	3°29	19°13	1°55	25♎ 9	24° 2	24°29	n.a.	S 2
S 3	6 8 0	3°24'17	20°54	0♉ 5	11°44	3°19	1°50	18°18	3°30	19°15	1°56	25° 1	23°59	24°36	n.a.	S 3
M 4	6 11 56	4°24'57	6♋ 5	1°50	12°56	3° 6	1°56	18°25	3°30	19°18	1°57	24°51	23°56	24°42	n.a.	M 4
T 5	6 15 53	5°25'36	21°23	3°36	14° 7	2°53	2° 2	18°32	3°31	19°20	1°58	24°40	23°52	24°49	n.a.	T 5
W 6	6 19 50	6°26'13	6♌36	5°22	15°19	2°42	2° 8	18°39	3°32	19°22	1°59	24°30	23°49	24°56	n.a.	W 6
T 7	6 23 46	7°26'48	21°34	7°10	16°30	2°31	2°14	18°46	3°32	19°24	2° 0	24°21	23°46	25° 3	n.a.	T 7
F 8	6 27 43	8°27'22	6♍10	8°58	17°42	2°21	2°20	18°53	3°33	19°27	2° 1	24°15	23°43	25° 9	n.a.	F 8
S 9	6 31 39	9°27'54	20°19	10°47	18°53	2°11	2°26	19° 0	3°33	19°29	2° 2	24°12	23°40	25°16	n.a.	S 9
S 10	6 35 36	10°28'25	4♎ 0	12°37	20° 4	2° 3	2°33	19° 7	3°34	19°31	2° 3	24°10	23°37	25°23	n.a.	S 10
M11	6 39 32	11°28'55	17°17	14°27	21°15	1°55	2°39	19°14	3°34	19°33	2° 4	24°10	23°33	25°29	n.a.	M11
T 12	6 43 29	12°29'23	0♏11	16°18	22°26	1°48	2°46	19°20	3°35	19°35	2° 5	24°10	23°30	25°36	n.a.	T 12
W13	6 47 25	13°29'49	12°47	18°10	23°37	1°42	2°53	19°27	3°35	19°37	2° 6	24° 9	23°27	25°43	n.a.	W13
T 14	6 51 22	14°30'14	25° 8	20° 2	24°48	1°37	3° 1	19°34	3°35	19°39	2° 7	24° 6	23°24	25°50	n.a.	T 14
F 15	6 55 19	15°30'38	7♐20	21°55	25°58	1°32	3° 8	19°41	3°35	19°41	2° 8	23°59	23°21	25°56	n.a.	F 15
S 16	6 59 15	16°31'00	19°24	23°48	27° 9	1°28	3°15	19°47	3°35	19°44	2° 9	23°50	23°18	26° 3	n.a.	S 16
S 17	7 3 12	17°31'19	1♉22	25°41	28°19	1°25	3°23	19°54	3°35	19°46	2°10	23°37	23°14	26°10	n.a.	S 17
M18	7 7 8	18°31'38	13°17	27°34	29°29	1°23	3°31	20° 0	3°R35	19°48	2°11	23°23	23°11	26°17	n.a.	M18
T 19	7 11 5	19°31'54	25°10	29°27	0♓39	1°21	3°39	20° 7	3°35	19°50	2°12	23° 8	23° 8	26°23	n.a.	T 19
W20	7 15 1	20°32'08	7♒ 2	1♒20	1°49	1°D21	3°47	20°13	3°35	19°52	2°13	22°53	23° 5	26°30	n.a.	W20
T 21	7 18 58	21°32'20	18°54	3°11	2°59	1°21	3°55	20°20	3°35	19°54	2°14	22°40	23° 2	26°37	n.a.	T 21
F 22	7 22 54	22°32'30	0♓49	5° 1	4° 9	1°22	4° 3	20°26	3°35	19°56	2°15	22°29	22°58	26°43	n.a.	F 22
S 23	7 26 51	23°32'38	12°48	6°50	5°18	1°23	4°12	20°33	3°35	19°58	2°17	22°22	22°55	26°50	n.a.	S 23
S 24	7 30 48	24°32'44	24°55	8°37	6°27	1°25	4°20	20°39	3°34	20° 0	2°18	22°17	22°52	26°57	n.a.	S 24
M25	7 34 44	25°32'47	7♈14	10°21	7°37	1°28	4°29	20°45	3°34	20° 2	2°19	22°15	22°49	27° 4	n.a.	M25
T 26	7 38 41	26°32'48	19°49	12° 3	8°46	1°32	4°38	20°52	3°34	20° 4	2°20	22°14	22°46	27°10	n.a.	T 26
W27	7 42 37	27°32'47	2♉45	13°41	9°55	1°36	4°47	20°58	3°33	20° 6	2°21	22°14	22°43	27°17	n.a.	W27
T 28	7 46 34	28°32'43	16° 6	15°15	11° 3	1°41	4°56	21° 4	3°32	20° 7	2°22	22°13	22°39	27°24	n.a.	T 28
F 29	7 50 30	29°32'37	29°55	16°45	12°12	1°47	5° 5	21°10	3°32	20° 9	2°24	22°11	22°36	27°30	n.a.	F 29
S 30	7 54 27	0♒32'29	14♊14	18° 9	13°20	1°53	5°15	21°16	3°31	20°11	2°25	22° 6	22°33	27°37	n.a.	S 30
S 31	7 58 23	1♒32'18	29♊ 0	19♒28	14♓28	2♊ 0	5♈24	21♐22	3♎31	20♐13	2♓26	21♎58	22♎30	27♉44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	16n16	2s15	25s42	1s55	19s33	1s24	24n44	3n33	0s28	1s15	22s54	0n23	0s47	0n40	22s44	0n38	26s44	17s 2	9s55	9s29	16s32		n.a.
S 2	23 48	18 24	3 19	25 46	1 57	19 11	1 22	24 41	3 32	0 26	1 15	22 55	0 23	0 48	0 40	22 45	0 38	26 43	17 2	9 53	9 28	16 30		n.a.
S 3	23 47	19 21	4 11	25 48	1 58	18 49	1 19	24 37	3 32	0 23	1 14	22 55	0 23	0 48	0 40	22 45	0 38	26 43	17 1	9 50	9 27	16 29		n.a.
M 4	23 45	18 55	4 46	25 48	1 59	18 26	1 17	24 35	3 32	0 21	1 14	22 56	0 23	0 48	0 40	22 45	0 38	26 42	17 1	9 46	9 26	16 28		n.a.
T 5	23 43	17 8	5 1	25 46	2 0	18 3	1 15	24 32	3 31	0 18	1 14	22 57	0 23	0 49	0 40	22 45	0 38	26 42	17 1	9 42	9 25	16 27		n.a.
W 6	23 40	14 10	4 55	25 43	2 0	17 39	1 12	24 29	3 31	0 16	1 13	22 57	0 23	0 49	0 40	22 45	0 38	26 41	17 1	9 39	9 23	16 26		n.a.
T 7	23 37	10 18	4 29	25 37	2 0	17 15	1 9	24 26	3 30	0 13	1 13	22 58	0 23	0 49	0 40	22 46	0 38	26 40	17 0	9 35	9 22	16 25		n.a.
F 8	23 33	5 55	3 45	25 30	1 59	16 50	1 7	24 23	3 30	0 10	1 13	22 59	0 23	0 49	0 40	22 46	0 38	26 40	17 0	9 33	9 21	16 23		n.a.
S 9	23 29	1 19	2 49	25 20	1 58	16 25	1 4	24 21	3 29	0 7	1 13	22 59	0 23	0 49	0 40	22 46	0 38	26 39	17 0	9 32	9 20	16 22		n.a.
S 10	23 24	3s13	1 45	25 9	1 56	16 0	1 1	24 19	3 29	0 4	1 12	23 0	0 23	0 49	0 40	22 46	0 38	26 39	16 59	9 31	9 19	16 21		n.a.
M11	23 19	7 27	0 36	24 55	1 54	15 34	0 58	24 16	3 28	0 1	1 12	23 1	0 22	0 50	0 40	22 46	0 38	26 38	16 59	9 31	9 17	16 20		n.a.
T 12	23 14	11 13	0n32	24 39	1 51	15 7	0 55	24 14	3 27	0n 2	1 12	23 1	0 22	0 50	0 40	22 46	0 38	26 37	16 59	9 31	9 16	16 19		n.a.
W13	23 8	14 23	1 37	24 21	1 47	14 41	0 52	24 12	3 26	0 5	1 11	23 2	0 22	0 50	0 40	22 47	0 38	26 37	16 59	9 31	9 15	16 18		n.a.
T 14	23 1	16 50	2 36	24 0	1 43	14 14	0 49	24 10	3 26	0 8	1 11	23 2	0 22	0 50	0 40	22 47	0 38	26 36	16 58	9 30	9 14	16 16		n.a.
F 15	22 54	18 29	3 27	23 38	1 38	13 47	0 46	24 8	3 25	0 11	1 11	23 3	0 22	0 50	0 40	22 47	0 38	26 35	16 58	9 27	9 13	16 15		n.a.
S 16	22 47	19 17	4 8	23 13	1 33	13 19	0 42	24 7	3 24	0 14	1 10	23 4	0 22	0 50	0 41	22 47	0 38	26 35	16 58	9 24	9 12	16 14		n.a.
S 17	22 39	19 12	4 37	22 46	1 27	12 51	0 39	24 5	3 23	0 18	1 10	23 4	0 22	0 50	0 41	22 47	0 38	26 34	16 57	9 19	9 10	16 13		n.a.
M18	22 31	18 16	4 55	22 18	1 20	12 23	0 35	24 4	3 22	0 21	1 10	23 5	0 22	0 50	0 41	22 47	0 38	26 33	16 57	9 14	9 9	16 12		n.a.
T 19	22 23	16 33	4 59	21 47	1 13	11 55	0 32	24 3	3 21	0 25	1 10	23 5	0 22	0 50	0 41	22 48	0 38	26 33	16 57	9 8	9 8	16 10		n.a.
W20	22 14	14 8	4 50	21 14	1 5	11 26	0 28	24 2	3 20	0 28	1 9	23 6	0 22	0 50	0 41	22 48	0 38	26 32	16 57	9 2	9 7	16 9		n.a.
T 21	22 4	11 8	4 29	20 40	0 56	10 57	0 24	24 1	3 19	0 32	1 9	23 6	0 22	0 50	0 41	22 48	0 38	26 31	16 57	8 57	9 6	16 8		n.a.
F 22	21 54	7 41	3 56	20 4	0 46	10 28	0 21	24 0	3 18	0 35	1 9	23 7	0 22	0 50	0 41	22 48	0 38	26 31	16 56	8 53	9 4	16 7		n.a.
S 23	21 44	3 55	3 12	19 27	0 36	9 59	0 17	23 59	3 17	0 39	1 9	23 7	0 22	0 49	0 41	22 48	0 38	26 30	16 56	8 50	9 3	16 6		n.a.
S 24	21 34	0n 4	2 19	18 48	0 25	9 29	0 13	23 59	3 16	0 43	1 8	23 8	0 22	0 49	0 41	22 48	0 38	26 30	16 56	8 49	9 2	16 4		n.a.
M25	21 23	4 7	1 18	18 9	0 13	8 59	0 9	23 58	3 15	0 46	1 8	23 8	0 22	0 49	0 41	22 48	0 38	26 29	16 56	8 48	9 1	16 3		n.a.
T 26	21 11	8 4	0 13	17 29	0 1	8 29	0 5	23 58	3 14	0 50	1 8	23 9	0 22	0 49	0 41	22 49	0 38	26 28	16 55	8 48	9 0	16 2		n.a.
W27	20 59	11 45	0s55	16 48	0n12	7 59	0 1	23 58	3 13	0 54	1 7	23 9	0 21	0 49	0 41	22 49	0 38	26 28	16 55	8 48	8 58	16 1		n.a.
T 28	20 47	14 58	2 3	16 8	0 25	7 29	0n 3	23 58	3 12	0 58	1 7	23 10	0 21	0 48	0 41	22 49	0 38	26 27	16 55	8 47	8 57	15 59		n.a.
F 29	20 35	17 27	3 5	15 28	0 39	6 59	0 7	23 58	3 11	1 2	1 7	23 10	0 21	0 48	0 41	22 49	0 38	26 26	16 55	8 46	8 56	15 58		n.a.
S 30	20 22	18 56	3 58	14 48	0 53	6 28	0 12	23 58	3 10	1 6	1 7	23 11	0 21	0 48	0 41	22 49	0 38	26 26	16 55	8 44	8 55	15 57		n.a.
S 31	20s 8	19n12	4s37	14s10	1n 7	5s58	0n16	23n59	3n 9	1n10	1s 6	23s11	0n21	0s48	0n41	22s49	0n38	26s25	16s54	8s41	8s54	15s56		n.a.

Julian Day Number = 1307960.5, Delta T = 07h44m15s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'04, Lahiri = -19°35'04 Julian Calendar 1 Jan. 1132 BCE == Greg. Calendar 21 Dec. 1133 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

FEBRUARY 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 2 20	2♒32'06	14♋ 8	20♒41	15♓36	2♊ 8	5♈34	21♐28	3°R30	20♐15	2♓27	21°R48	22♎27	27♉51	n.a.	M 1
T 2	8 6 17	3°31'50	29°28	21°47	16°44	2°16	5°43	21°34	3♎29	20°17	2°29	21♎37	22°24	27°57	n.a.	T 2
W 3	8 10 13	4°31'33	14♌49	22°46	17°52	2°25	5°53	21°40	3°28	20°18	2°30	21°26	22°20	28° 4	n.a.	W 3
T 4	8 14 10	5°31'14	29°59	23°38	18°59	2°34	6° 3	21°46	3°27	20°20	2°31	21°17	22°17	28°11	n.a.	T 4
F 5	8 18 6	6°30'52	14♍49	24°22	20° 6	2°44	6°13	21°52	3°26	20°22	2°33	21°10	22°14	28°18	n.a.	F 5
S 6	8 22 3	7°30'29	29°11	24°58	21°13	2°55	6°23	21°58	3°25	20°24	2°34	21° 6	22°11	28°24	n.a.	S 6
S 7	8 25 59	8°30'03	13♎ 4	25°26	22°20	3° 6	6°34	22° 3	3°24	20°25	2°35	21° 4	22° 8	28°31	n.a.	S 7
M 8	8 29 56	9°29'36	26°28	25°46	23°26	3°17	6°44	22° 9	3°23	20°27	2°37	21°D 4	22° 4	28°38	n.a.	M 8
T 9	8 33 52	10°29'07	9♏26	25°57	24°33	3°30	6°55	22°14	3°22	20°29	2°38	21°R 4	22° 1	28°44	n.a.	T 9
W10	8 37 49	11°28'36	22° 2	26°R 0	25°39	3°42	7° 5	22°20	3°21	20°30	2°39	21° 4	21°58	28°51	n.a.	W10
T 11	8 41 45	12°28'03	4♐21	25°55	26°45	3°56	7°16	22°25	3°20	20°32	2°41	21° 2	21°55	28°58	n.a.	T 11
F 12	8 45 42	13°27'29	16°28	25°42	27°50	4° 9	7°27	22°31	3°18	20°33	2°42	20°57	21°52	29° 5	n.a.	F 12
S 13	8 49 39	14°26'52	28°26	25°22	28°56	4°23	7°37	22°36	3°17	20°35	2°43	20°49	21°49	29°11	n.a.	S 13
S 14	8 53 35	15°26'13	10♑20	24°55	0♈ 1	4°38	7°48	22°41	3°16	20°36	2°45	20°40	21°45	29°18	n.a.	S 14
M15	8 57 32	16°25'32	22°11	24°22	1° 6	4°53	7°59	22°47	3°14	20°38	2°46	20°28	21°42	29°25	n.a.	M15
T 16	9 1 28	17°24'50	4♒ 2	23°44	2°10	5° 9	8°11	22°52	3°13	20°39	2°48	20°16	21°39	29°32	n.a.	T 16
W17	9 5 25	18°24'04	15°56	23° 1	3°15	5°25	8°22	22°57	3°11	20°41	2°49	20° 3	21°36	29°38	n.a.	W17
T 18	9 9 21	19°23'17	27°52	22°15	4°19	5°41	8°33	23° 2	3°10	20°42	2°50	19°53	21°33	29°45	n.a.	T 18
F 19	9 13 18	20°22'28	9♓54	21°26	5°23	5°58	8°45	23° 7	3° 8	20°43	2°52	19°44	21°30	29°52	n.a.	F 19
S 20	9 17 14	21°21'36	22° 1	20°35	6°26	6°16	8°56	23°11	3° 6	20°45	2°53	19°38	21°26	29°58	n.a.	S 20
S 21	9 21 11	22°20'42	4♈16	19°44	7°29	6°33	9° 8	23°16	3° 5	20°46	2°55	19°34	21°23	0♒ 5	n.a.	S 21
M22	9 25 7	23°19'45	16°43	18°54	8°32	6°52	9°19	23°21	3° 3	20°47	2°56	19°D33	21°20	0°12	n.a.	M22
T 23	9 29 4	24°18'47	29°23	18° 5	9°35	7°10	9°31	23°26	3° 1	20°49	2°57	19°33	21°17	0°19	n.a.	T 23
W24	9 33 1	25°17'45	12♉20	17°19	10°37	7°29	9°43	23°30	3° 0	20°50	2°59	19°34	21°14	0°25	n.a.	W24
T 25	9 36 57	26°16'42	25°38	16°36	11°39	7°49	9°55	23°35	2°58	20°51	3° 0	19°R35	21°10	0°32	n.a.	T 25
F 26	9 40 54	27°15'36	9♊20	15°56	12°40	8° 8	10° 7	23°39	2°56	20°52	3° 2	19°34	21° 7	0°39	n.a.	F 26
S 27	9 44 50	28°14'27	23°26	15°21	13°41	8°28	10°19	23°43	2°54	20°53	3° 3	19°31	21° 4	0°45	n.a.	S 27
S 28	9 48 47	29♒13'16	7♋57	14♒50	14♈42	8♊49	10♈31	23♐48	2♎52	20♐55	3♓ 5	19♎27	21♎ 1	0♒52	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s55	18n 7	4s58	13s33	1n21	5s27	0n20	23n59	3n 8	1n14	1s 6	23s12	0n21	0s47	0n41	22s49	0n38	26s24	16s54	8s38	8s52	15s55		n.a.
T 2	19 41	15 44	4 58	12 58	1 36	4 56	0 25	24 0	3 7	1 18	1 6	23 12	0 21	0 47	0 41	22 50	0 38	26 24	16 54	8 33	8 51	15 53		n.a.
W 3	19 26	12 15	4 36	12 25	1 50	4 25	0 29	24 0	3 5	1 22	1 6	23 13	0 21	0 46	0 41	22 50	0 38	26 23	16 54	8 29	8 50	15 52		n.a.
T 4	19 12	7 59	3 56	11 54	2 4	3 55	0 34	24 1	3 4	1 27	1 5	23 13	0 21	0 46	0 41	22 50	0 38	26 22	16 54	8 26	8 49	15 51		n.a.
F 5	18 57	3 19	2 59	11 26	2 18	3 24	0 38	24 2	3 3	1 31	1 5	23 13	0 21	0 46	0 41	22 50	0 38	26 22	16 54	8 23	8 48	15 50		n.a.
S 6	18 41	1s24	1 53	11 2	2 32	2 53	0 43	24 3	3 2	1 35	1 5	23 14	0 21	0 45	0 41	22 50	0 38	26 21	16 53	8 22	8 46	15 48		n.a.
S 7	18 26	5 53	0 42	10 40	2 44	2 22	0 48	24 4	3 1	1 39	1 5	23 14	0 21	0 45	0 41	22 50	0 38	26 20	16 53	8 21	8 45	15 47		n.a.
M 8	18 10	9 56	0n29	10 22	2 56	1 51	0 52	24 6	3 0	1 44	1 5	23 15	0 21	0 44	0 41	22 50	0 38	26 20	16 53	8 21	8 44	15 46		n.a.
T 9	17 54	13 21	1 36	10 8	3 7	1 20	0 57	24 7	2 59	1 48	1 4	23 15	0 21	0 44	0 41	22 50	0 38	26 19	16 53	8 21	8 43	15 45		n.a.
W10	17 37	16 3	2 37	9 58	3 17	0 49	1 2	24 8	2 58	1 53	1 4	23 15	0 21	0 43	0 41	22 51	0 38	26 18	16 53	8 21	8 42	15 43		n.a.
T 11	17 20	17 57	3 28	9 51	3 26	0 18	1 7	24 10	2 57	1 57	1 4	23 16	0 21	0 43	0 41	22 51	0 38	26 18	16 53	8 20	8 40	15 42		n.a.
F 12	17 3	18 59	4 10	9 49	3 33	0n13	1 11	24 11	2 55	2 2	1 4	23 16	0 21	0 42	0 41	22 51	0 38	26 17	16 53	8 18	8 39	15 41		n.a.
S 13	16 46	19 9	4 40	9 50	3 39	0 44	1 16	24 13	2 54	2 6	1 3	23 16	0 21	0 42	0 41	22 51	0 38	26 17	16 52	8 15	8 38	15 40		n.a.
S 14	16 28	18 28	4 58	9 55	3 43	1 15	1 21	24 15	2 53	2 11	1 3	23 17	0 21	0 41	0 41	22 51	0 38	26 16	16 52	8 12	8 37	15 38		n.a.
M15	16 10	17 0	5 2	10 4	3 46	1 45	1 26	24 17	2 52	2 15	1 3	23 17	0 20	0 41	0 41	22 51	0 38	26 15	16 52	8 7	8 36	15 37		n.a.
T 16	15 52	14 48	4 54	10 16	3 46	2 16	1 31	24 18	2 51	2 20	1 3	23 17	0 20	0 40	0 41	22 51	0 38	26 15	16 52	8 2	8 34	15 36		n.a.
W17	15 33	11 59	4 33	10 31	3 45	2 46	1 36	24 20	2 50	2 25	1 3	23 18	0 20	0 39	0 41	22 51	0 38	26 14	16 52	7 58	8 33	15 35		n.a.
T 18	15 15	8 40	3 59	10 49	3 42	3 17	1 41	24 22	2 49	2 30	1 2	23 18	0 20	0 39	0 41	22 51	0 38	26 13	16 52	7 54	8 32	15 33		n.a.
F 19	14 56	4 59	3 15	11 10	3 37	3 47	1 46	24 24	2 48	2 34	1 2	23 18	0 20	0 38	0 41	22 51	0 38	26 13	16 52	7 50	8 31	15 32		n.a.
S 20	14 37	1 3	2 22	11 32	3 31	4 17	1 51	24 26	2 47	2 39	1 2	23 19	0 20	0 37	0 41	22 52	0 38	26 12	16 52	7 48	8 29	15 31		n.a.
S 21	14 17	2n58	1 21	11 56	3 23	4 47	1 56	24 28	2 46	2 44	1 2	23 19	0 20	0 37	0 41	22 52	0 38	26 12	16 52	7 47	8 28	15 29		n.a.
M22	13 58	6 54	0 15	12 21	3 13	5 17	2 1	24 30	2 45	2 49	1 2	23 19	0 20	0 36	0 42	22 52	0 38	26 11	16 52	7 46	8 27	15 28		n.a.
T 23	13 38	10 37	0s53	12 46	3 2	5 46	2 6	24 33	2 43	2 54	1 1	23 20	0 20	0 35	0 42	22 52	0 38	26 10	16 52	7 46	8 26	15 27		n.a.
W24	13 18	13 54	1 59	13 12	2 50	6 16	2 11	24 35	2 42	2 58	1 1	23 20	0 20	0 34	0 42	22 52	0 38	26 10	16 52	7 47	8 25	15 26		n.a.
T 25	12 58	16 33	3 1	13 38	2 37	6 45	2 16	24 37	2 41	3 3	1 1	23 20	0 20	0 34	0 42	22 52	0 38	26 9	16 51	7 47	8 23	15 24		n.a.
F 26	12 37	18 20	3 55	14 3	2 23	7 14	2 21	24 39	2 40	3 8	1 1	23 20	0 20	0 33	0 42	22 52	0 38	26 9	16 51	7 46	8 22	15 23		n.a.
S 27	12 17	19 4	4 36	14 27	2 8	7 43	2 25	24 42	2 39	3 13	1 1	23 21	0 20	0 32	0 42	22 52	0 38	26 8	16 51	7 45	8 21	15 22		n.a.
S 28	11s56	18n35	5s 1	14s51	1n53	8n11	2n30	24n44	2n38	3n18	1s 0	23s21	0n20	0s31	0n42	22s52	0n38	26s 7	16s51	7s44	8s20	15s20		n.a.

Julian Day Number = 1307991.5, Delta T = 07h44m14s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°42'00, Lahiri = -19°34'59 Julian Calendar 1 Feb. 1132 BCE == Greg. Calendar 21 Jan. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

MARCH 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 52 43	0♓12'03	22♋47	14°R25	15♈42	9♊10	10♈43	23♐52	2°R50	20♐56	3♓ 6	19°R20	20♎58	0♒59	n.a.	M 1
T 2	9 56 40	1°10'47	7♌52	14♒ 4	16°42	9°31	10°55	23°56	2♎48	20°57	3° 8	19♎13	20°55	1° 6	n.a.	T 2
W 3	10 0 36	2° 9'29	23° 1	13°50	17°42	9°52	11° 8	24° 0	2°46	20°58	3° 9	19° 6	20°51	1°12	n.a.	W 3
T 4	10 4 33	3° 8'09	8♍ 5	13°40	18°41	10°14	11°20	24° 4	2°44	20°59	3°10	19° 0	20°48	1°19	n.a.	T 4
F 5	10 8 29	4° 6'47	22°53	13°D36	19°39	10°36	11°32	24° 8	2°42	21° 0	3°12	18°55	20°45	1°26	n.a.	F 5
S 6	10 12 26	5° 5'23	7♎19	13°37	20°37	10°58	11°45	24°12	2°40	21° 1	3°13	18°53	20°42	1°33	n.a.	S 6
S 7	10 16 23	6° 3'57	21°19	13°44	21°35	11°21	11°58	24°15	2°38	21° 2	3°15	18°D52	20°39	1°39	n.a.	S 7
M 8	10 20 19	7° 2'29	4♏51	13°55	22°32	11°44	12°10	24°19	2°35	21° 2	3°16	18°53	20°35	1°46	n.a.	M 8
T 9	10 24 16	8° 0'59	17°56	14°12	23°29	12° 7	12°23	24°23	2°33	21° 3	3°18	18°55	20°32	1°53	n.a.	T 9
W10	10 28 12	8°59'27	0♐38	14°33	24°25	12°31	12°36	24°26	2°31	21° 4	3°19	18°56	20°29	1°59	n.a.	W10
T 11	10 32 9	9°57'54	13° 0	14°58	25°21	12°54	12°48	24°30	2°29	21° 5	3°20	18°R56	20°26	2° 6	n.a.	T 11
F 12	10 36 5	10°56'19	25° 8	15°28	26°16	13°18	13° 1	24°33	2°27	21° 6	3°22	18°55	20°23	2°13	n.a.	F 12
S 13	10 40 2	11°54'43	7♑ 7	16° 2	27°11	13°43	13°14	24°36	2°24	21° 6	3°23	18°52	20°20	2°20	n.a.	S 13
S 14	10 43 58	12°53'04	18°59	16°41	28° 5	14° 7	13°27	24°39	2°22	21° 7	3°25	18°48	20°16	2°26	n.a.	S 14
M15	10 47 55	13°51'24	0♒50	17°22	28°58	14°32	13°40	24°42	2°20	21° 8	3°26	18°42	20°13	2°33	n.a.	M15
T 16	10 51 52	14°49'42	12°43	18° 8	29°51	14°57	13°53	24°45	2°17	21° 8	3°28	18°36	20°10	2°40	n.a.	T 16
W17	10 55 48	15°47'58	24°40	18°57	0♉43	15°23	14° 6	24°48	2°15	21° 9	3°29	18°30	20° 7	2°46	n.a.	W17
T 18	10 59 45	16°46'13	6♓43	19°49	1°34	15°48	14°19	24°51	2°12	21°10	3°30	18°25	20° 4	2°53	n.a.	T 18
F 19	11 3 41	17°44'25	18°54	20°45	2°25	16°14	14°32	24°54	2°10	21°10	3°32	18°21	20° 1	3° 0	n.a.	F 19
S 20	11 7 38	18°42'36	1♈14	21°43	3°15	16°40	14°46	24°56	2° 8	21°11	3°33	18°18	19°57	3° 7	n.a.	S 20
S 21	11 11 34	19°40'44	13°44	22°44	4° 4	17° 6	14°59	24°59	2° 5	21°11	3°35	18°D17	19°54	3°13	n.a.	S 21
M22	11 15 31	20°38'51	26°26	23°49	4°53	17°33	15°12	25° 1	2° 3	21°11	3°36	18°17	19°51	3°20	n.a.	M22
T 23	11 19 27	21°36'56	9♉22	24°55	5°40	18° 0	15°26	25° 3	2° 0	21°12	3°37	18°18	19°48	3°27	n.a.	T 23
W24	11 23 24	22°34'59	22°31	26° 5	6°27	18°27	15°39	25° 6	1°58	21°12	3°39	18°20	19°45	3°33	n.a.	W24
T 25	11 27 20	23°32'59	5♊57	27°17	7°13	18°54	15°52	25° 8	1°55	21°12	3°40	18°21	19°41	3°40	n.a.	T 25
F 26	11 31 17	24°30'58	19°39	28°31	7°58	19°21	16° 6	25°10	1°53	21°13	3°42	18°R22	19°38	3°47	n.a.	F 26
S 27	11 35 14	25°28'55	3♋39	29°48	8°42	19°49	16°19	25°12	1°50	21°13	3°43	18°22	19°35	3°54	n.a.	S 27
S 28	11 39 10	26°26'50	17°56	1♓ 7	9°25	20°16	16°33	25°14	1°48	21°13	3°44	18°20	19°32	4° 0	n.a.	S 28
M29	11 43 7	27°24'42	2♌27	2°28	10° 8	20°44	16°46	25°15	1°45	21°13	3°46	18°18	19°29	4° 7	n.a.	M29
T 30	11 47 3	28°22'33	17° 8	3°52	10°49	21°12	17° 0	25°17	1°43	21°14	3°47	18°16	19°26	4°14	n.a.	T 30
W31	11 51 0	29♓20'22	1♍53	5♓18	11♉29	21♊41	17♈13	25♐19	1♎40	21♐14	3♓48	18♎14	19♎22	4♒21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s35	16n50	5s 7	15s13	1n38	8n40	2n35	24n46	2n37	3n23	1s 0	23s21	0n20	0s31	0n42	22s52	0n39	26s 7	16s51	7s41	8s19	15s19			n.a.
T 2	11 14	13 55	4 51	15 34	1 22	9 8	2 40	24 48	2 36	3 28	1 0	23 21	0 20	0 30	0 42	22 52	0 39	26 6	16 51	7 39	8 17	15 18			n.a.
W 3	10 53	10 3	4 15	15 53	1 7	9 35	2 45	24 51	2 35	3 33	1 0	23 22	0 20	0 29	0 42	22 52	0 39	26 6	16 51	7 36	8 16	15 17			n.a.
T 4	10 31	5 33	3 22	16 10	0 52	10 3	2 50	24 53	2 34	3 38	1 0	23 22	0 20	0 28	0 42	22 52	0 39	26 5	16 51	7 33	8 15	15 15			n.a.
F 5	10 10	0 48	2 16	16 26	0 36	10 30	2 55	24 55	2 33	3 44	0 59	23 22	0 20	0 27	0 42	22 53	0 39	26 5	16 51	7 32	8 14	15 14			n.a.
S 6	9 48	3s54	1 2	16 40	0 22	10 57	3 0	24 58	2 32	3 49	0 59	23 22	0 19	0 26	0 42	22 53	0 39	26 4	16 51	7 31	8 13	15 13			n.a.
S 7	9 26	8 14	0n13	16 51	0 7	11 23	3 4	25 0	2 31	3 54	0 59	23 23	0 19	0 25	0 42	22 53	0 39	26 4	16 51	7 31	8 11	15 11			n.a.
M 8	9 4	12 0	1 26	17 1	0s 6	11 50	3 9	25 2	2 30	3 59	0 59	23 23	0 19	0 25	0 42	22 53	0 39	26 3	16 51	7 31	8 10	15 10			n.a.
T 9	8 42	15 2	2 31	17 9	0 20	12 15	3 14	25 4	2 29	4 4	0 59	23 23	0 19	0 24	0 42	22 53	0 39	26 2	16 51	7 31	8 9	15 9			n.a.
W10	8 20	17 14	3 27	17 15	0 33	12 41	3 19	25 6	2 28	4 9	0 59	23 23	0 19	0 23	0 42	22 53	0 39	26 2	16 51	7 32	8 8	15 7			n.a.
T 11	7 57	18 34	4 12	17 19	0 45	13 6	3 23	25 9	2 27	4 15	0 58	23 23	0 19	0 22	0 42	22 53	0 39	26 1	16 51	7 32	8 6	15 6			n.a.
F 12	7 35	19 0	4 45	17 21	0 57	13 31	3 28	25 11	2 26	4 20	0 58	23 24	0 19	0 21	0 42	22 53	0 39	26 1	16 51	7 32	8 5	15 5			n.a.
S 13	7 12	18 34	5 4	17 22	1 8	13 55	3 32	25 13	2 25	4 25	0 58	23 24	0 19	0 20	0 42	22 53	0 39	26 0	16 52	7 30	8 4	15 3			n.a.
S 14	6 50	17 20	5 11	17 20	1 18	14 19	3 37	25 15	2 24	4 30	0 58	23 24	0 19	0 19	0 42	22 53	0 39	26 0	16 52	7 29	8 3	15 2			n.a.
M15	6 27	15 21	5 4	17 16	1 28	14 43	3 41	25 17	2 23	4 35	0 58	23 24	0 19	0 18	0 42	22 53	0 39	25 59	16 52	7 27	8 2	15 1			n.a.
T 16	6 4	12 44	4 44	17 11	1 37	15 6	3 45	25 19	2 22	4 41	0 58	23 24	0 19	0 17	0 42	22 53	0 39	25 59	16 52	7 24	8 0	15 0			n.a.
W17	5 41	9 34	4 12	17 3	1 46	15 29	3 50	25 21	2 21	4 46	0 58	23 24	0 19	0 16	0 42	22 53	0 39	25 58	16 52	7 22	7 59	14 58			n.a.
T 18	5 18	5 59	3 28	16 54	1 54	15 51	3 54	25 23	2 20	4 51	0 57	23 25	0 19	0 15	0 42	22 53	0 39	25 58	16 52	7 20	7 58	14 57			n.a.
F 19	4 55	2 7	2 34	16 43	2 1	16 13	3 58	25 25	2 19	4 57	0 57	23 25	0 19	0 14	0 42	22 53	0 39	25 57	16 52	7 18	7 57	14 56			n.a.
S 20	4 32	1n54	1 32	16 30	2 8	16 34	4 2	25 27	2 18	5 2	0 57	23 25	0 19	0 13	0 42	22 53	0 39	25 57	16 52	7 17	7 55	14 54			n.a.
S 21	4 9	5 53	0 25	16 16	2 14	16 55	4 6	25 28	2 18	5 7	0 57	23 25	0 19	0 12	0 42	22 53	0 39	25 57	16 52	7 17	7 54	14 53			n.a.
M22	3 46	9 40	0s45	15 59	2 19	17 16	4 9	25 30	2 17	5 13	0 57	23 25	0 19	0 11	0 42	22 53	0 39	25 56	16 52	7 17	7 53	14 52			n.a.
T 23	3 23	13 3	1 53	15 41	2 24	17 35	4 13	25 32	2 16	5 18	0 57	23 25	0 19	0 10	0 42	22 53	0 39	25 56	16 52	7 17	7 52	14 50			n.a.
W24	2 59	15 51	2 57	15 21	2 28	17 55	4 17	25 33	2 15	5 23	0 57	23 26	0 19	0 9	0 42	22 53	0 39	25 55	16 52	7 18	7 51	14 49			n.a.
T 25	2 36	17 50	3 53	14 59	2 32	18 14	4 20	25 35	2 14	5 29	0 56	23 26	0 19	0 8	0 42	22 53	0 39	25 55	16 53	7 18	7 49	14 48			n.a.
F 26	2 13	18 50	4 36	14 35	2 35	18 32	4 23	25 36	2 13	5 34	0 56	23 26	0 18	0 7	0 42	22 53	0 39	25 54	16 53	7 19	7 48	14 46			n.a.
S 27	1 49	18 42	5 4	14 10	2 37	18 50	4 27	25 37	2 12	5 39	0 56	23 26	0 18	0 6	0 42	22 53	0 39	25 54	16 53	7 19	7 47	14 45			n.a.
S 28	1 26	17 24	5 15	13 43	2 39	19 7	4 30	25 39	2 11	5 45	0 56	23 26	0 18	0 5	0 42	22 53	0 39	25 54	16 53	7 18	7 46	14 43			n.a.
M29	1 3	14 59	5 5	13 14	2 40	19 23	4 33	25 40	2 10	5 50	0 56	23 26	0 18	0 4	0 42	22 53	0 39	25 53	16 53	7 17	7 45	14 42			n.a.
T 30	0 39	11 34	4 36	12 44	2 40	19 39	4 35	25 41	2 9	5 56	0 56	23 26	0 18	0 3	0 42	22 53	0 39	25 53	16 53	7 16	7 43	14 41			n.a.
W31	0s16	7n26	3s48	12s12	2s40	19n55	4n38	25n42	2n 8	6n 1	0s56	23s26	0n18	0s 2	0n42	22s53	0n39	25s52	16s53	7s16	7s42	14s39			n.a.

Julian Day Number = 1308019.5, Delta T = 07h44m12s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'56, Lahiri = -19°34'56 Julian Calendar 1 March 1132 BCE == Greg. Calendar 18 Feb. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

APRIL 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 56	0♈18'09	16♍35	6♓45	12♉ 7	22♊ 9	17♈27	25♐20	1°R38	21♐14	3♓50	18°R11	19♎19	4♒27	n.a.	T 1
F 2	11 58 53	1°15'54	1♎ 7	8°15	12°45	22°38	17°41	25°22	1♎35	21°14	3°51	18♎10	19°16	4°34	n.a.	F 2
S 3	12 2 49	2°13'38	15°22	9°47	13°21	23° 7	17°54	25°23	1°33	21°14	3°52	18°D 9	19°13	4°41	n.a.	S 3
S 4	12 6 46	3°11'20	29°17	11°22	13°57	23°36	18° 8	25°24	1°30	21°R14	3°53	18°10	19°10	4°47	n.a.	S 4
M 5	12 10 42	4° 9'01	12♏48	12°58	14°30	24° 5	18°22	25°25	1°27	21°14	3°55	18°10	19° 6	4°54	n.a.	M 5
T 6	12 14 39	5° 6'41	25°56	14°36	15° 3	24°34	18°35	25°26	1°25	21°14	3°56	18°12	19° 3	5° 1	n.a.	T 6
W 7	12 18 36	6° 4'19	8♐42	16°17	15°34	25° 4	18°49	25°27	1°22	21°14	3°57	18°13	19° 0	5° 8	n.a.	W 7
T 8	12 22 32	7° 1'57	21° 9	17°59	16° 3	25°33	19° 3	25°28	1°20	21°14	3°59	18°13	18°57	5°14	n.a.	T 8
F 9	12 26 29	7°59'33	3♑20	19°44	16°32	26° 3	19°17	25°29	1°17	21°14	4° 0	18°R14	18°54	5°21	n.a.	F 9
S 10	12 30 25	8°57'08	15°20	21°30	16°58	26°33	19°31	25°29	1°15	21°13	4° 1	18°14	18°51	5°28	n.a.	S 10
S 11	12 34 22	9°54'42	27°15	23°19	17°23	27° 3	19°44	25°30	1°12	21°13	4° 2	18°13	18°47	5°34	n.a.	S 11
M12	12 38 18	10°52'14	9♒ 7	25°10	17°46	27°33	19°58	25°30	1°10	21°13	4° 3	18°13	18°44	5°41	n.a.	M12
T 13	12 42 15	11°49'46	21° 1	27° 2	18° 7	28° 4	20°12	25°30	1° 7	21°13	4° 5	18°12	18°41	5°48	n.a.	T 13
W14	12 46 11	12°47'16	3♓ 2	28°57	18°27	28°34	20°26	25°31	1° 5	21°12	4° 6	18°11	18°38	5°55	n.a.	W14
T 15	12 50 8	13°44'46	15°12	0♈54	18°45	29° 5	20°40	25°31	1° 3	21°12	4° 7	18°11	18°35	6° 1	n.a.	T 15
F 16	12 54 5	14°42'14	27°33	2°53	19° 1	29°36	20°54	25°R31	1° 0	21°12	4° 8	18°10	18°32	6° 8	n.a.	F 16
S 17	12 58 1	15°39'41	10♈ 7	4°53	19°14	0♋ 7	21° 8	25°31	0°58	21°11	4° 9	18°10	18°28	6°15	n.a.	S 17
S 18	13 1 58	16°37'07	22°56	6°56	19°26	0°38	21°21	25°31	0°55	21°11	4°10	18°D10	18°25	6°21	n.a.	S 18
M19	13 5 54	17°34'32	6♉ 0	9° 0	19°36	1° 9	21°35	25°30	0°53	21°10	4°11	18°10	18°22	6°28	n.a.	M19
T 20	13 9 51	18°31'56	19°18	11° 6	19°44	1°41	21°49	25°30	0°50	21°10	4°13	18°R10	18°19	6°35	n.a.	T 20
W21	13 13 47	19°29'19	2♊49	13°13	19°49	2°12	22° 3	25°29	0°48	21° 9	4°14	18°10	18°16	6°42	n.a.	W21
T 22	13 17 44	20°26'40	16°33	15°22	19°52	2°44	22°17	25°29	0°46	21° 9	4°15	18°10	18°12	6°48	n.a.	T 22
F 23	13 21 40	21°24'00	0♋28	17°31	19°R53	3°16	22°31	25°28	0°43	21° 8	4°16	18° 9	18° 9	6°55	n.a.	F 23
S 24	13 25 37	22°21'19	14°32	19°42	19°51	3°47	22°45	25°28	0°41	21° 7	4°17	18° 9	18° 6	7° 2	n.a.	S 24
S 25	13 29 34	23°18'36	28°44	21°53	19°47	4°19	22°59	25°27	0°39	21° 7	4°18	18°D 9	18° 3	7° 8	n.a.	S 25
M26	13 33 30	24°15'53	13♌ 1	24° 4	19°41	4°52	23°13	25°26	0°37	21° 6	4°19	18°10	18° 0	7°15	n.a.	M26
T 27	13 37 27	25°13'08	27°21	26°16	19°32	5°24	23°27	25°25	0°34	21° 5	4°20	18°10	17°57	7°22	n.a.	T 27
W28	13 41 23	26°10'22	11♍39	28°28	19°21	5°56	23°41	25°24	0°32	21° 5	4°21	18°11	17°53	7°29	n.a.	W28
T 29	13 45 20	27° 7'34	25°54	0♉39	19° 7	6°29	23°54	25°22	0°30	21° 4	4°22	18°11	17°50	7°35	n.a.	T 29
F 30	13 49 16	28♈ 4'46	9♎59	2♉49	18♉51	7♋ 1	24♈ 8	25♐21	0♎28	21♐ 3	4♓23	18♎12	17♎47	7♒42	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	0n 7	2n50	2s46	11s38	2s39	20n 9	4n40	25n43	2n 8	6n 6	0s56	23s26	0n18	0s 1	0n42	22s53	0n39	25s52	16s53	7s15	7s41	14s38		n.a.	T 1
F 2	0 31	1s52	1 33	11 2	2 38	20 23	4 43	25 44	2 7	6 12	0 55	23 27	0 18	0 0	0 42	22 53	0 39	25 52	16 54	7 14	7 40	14 37		n.a.	F 2
S 3	0 54	6 23	0 15	10 25	2 36	20 37	4 45	25 44	2 6	6 17	0 55	23 27	0 18	0n 1	0 42	22 53	0 39	25 51	16 54	7 14	7 38	14 35		n.a.	S 3
S 4	1 17	10 27	1n 1	9 47	2 34	20 50	4 47	25 45	2 5	6 23	0 55	23 27	0 18	0 2	0 42	22 53	0 39	25 51	16 54	7 14	7 37	14 34		n.a.	S 4
M 5	1 41	13 50	2 12	9 6	2 30	21 2	4 48	25 46	2 4	6 28	0 55	23 27	0 18	0 3	0 42	22 53	0 39	25 51	16 54	7 14	7 36	14 33		n.a.	M 5
T 6	2 4	16 25	3 14	8 24	2 27	21 13	4 50	25 46	2 3	6 33	0 55	23 27	0 18	0 4	0 42	22 53	0 39	25 50	16 54	7 15	7 35	14 31		n.a.	T 6
W 7	2 27	18 5	4 5	7 41	2 23	21 24	4 51	25 46	2 2	6 39	0 55	23 27	0 18	0 5	0 42	22 53	0 39	25 50	16 54	7 15	7 34	14 30		n.a.	W 7
T 8	2 50	18 50	4 42	6 56	2 18	21 33	4 52	25 47	2 2	6 44	0 55	23 27	0 18	0 6	0 42	22 53	0 39	25 50	16 55	7 15	7 32	14 29		n.a.	T 8
F 9	3 13	18 41	5 6	6 9	2 13	21 43	4 53	25 47	2 1	6 49	0 55	23 27	0 18	0 7	0 42	22 53	0 39	25 49	16 55	7 16	7 31	14 27		n.a.	F 9
S 10	3 36	17 42	5 16	5 21	2 7	21 51	4 53	25 47	2 0	6 55	0 55	23 27	0 18	0 8	0 42	22 53	0 39	25 49	16 55	7 16	7 30	14 26		n.a.	S 10
S 11	3 59	15 56	5 13	4 32	2 0	21 58	4 53	25 47	1 59	7 0	0 54	23 27	0 18	0 9	0 42	22 53	0 39	25 49	16 55	7 15	7 29	14 24		n.a.	S 11
M12	4 22	13 31	4 56	3 41	1 53	22 5	4 53	25 47	1 58	7 6	0 54	23 27	0 18	0 10	0 42	22 53	0 39	25 49	16 55	7 15	7 27	14 23		n.a.	M12
T 13	4 45	10 31	4 26	2 49	1 46	22 11	4 53	25 46	1 57	7 11	0 54	23 27	0 18	0 11	0 42	22 53	0 39	25 48	16 56	7 15	7 26	14 22		n.a.	T 13
W14	5 8	7 4	3 45	1 55	1 38	22 16	4 52	25 46	1 57	7 16	0 54	23 28	0 17	0 12	0 42	22 53	0 39	25 48	16 56	7 15	7 25	14 20		n.a.	W14
T 15	5 31	3 17	2 53	1 0	1 30	22 20	4 51	25 45	1 56	7 22	0 54	23 28	0 17	0 13	0 42	22 53	0 39	25 48	16 56	7 14	7 24	14 19		n.a.	T 15
F 16	5 53	0n43	1 52	0 4	1 21	22 24	4 50	25 45	1 55	7 27	0 54	23 28	0 17	0 14	0 42	22 53	0 39	25 48	16 56	7 14	7 22	14 17		n.a.	F 16
S 17	6 16	4 45	0 44	0n52	1 12	22 26	4 48	25 44	1 54	7 33	0 54	23 28	0 17	0 15	0 42	22 53	0 39	25 47	16 57	7 14	7 21	14 16		n.a.	S 17
S 18	6 38	8 39	0s26	1 50	1 3	22 27	4 46	25 43	1 53	7 38	0 54	23 28	0 17	0 16	0 42	22 53	0 39	25 47	16 57	7 14	7 20	14 15		n.a.	S 18
M19	7 0	12 12	1 37	2 49	0 53	22 28	4 44	25 42	1 53	7 43	0 54	23 28	0 17	0 17	0 42	22 53	0 39	25 47	16 57	7 14	7 19	14 13		n.a.	M19
T 20	7 23	15 12	2 44	3 48	0 43	22 27	4 41	25 41	1 52	7 49	0 54	23 28	0 17	0 18	0 42	22 53	0 39	25 47	16 57	7 14	7 18	14 12		n.a.	T 20
W21	7 45	17 25	3 43	4 48	0 32	22 25	4 38	25 39	1 51	7 54	0 54	23 28	0 17	0 19	0 42	22 53	0 39	25 47	16 58	7 14	7 16	14 11		n.a.	W21
T 22	8 7	18 39	4 30	5 48	0 22	22 23	4 34	25 38	1 50	7 59	0 53	23 28	0 17	0 20	0 42	22 53	0 39	25 46	16 58	7 14	7 15	14 9		n.a.	T 22
F 23	8 29	18 48	5 2	6 49	0 11	22 19	4 30	25 36	1 49	8 5	0 53	23 28	0 17	0 20	0 42	22 53	0 39	25 46	16 58	7 14	7 14	14 8		n.a.	F 23
S 24	8 50	17 47	5 16	7 49	0 1	22 14	4 25	25 35	1 49	8 10	0 53	23 28	0 17	0 21	0 42	22 53	0 39	25 46	16 58	7 14	7 13	14 6		n.a.	S 24
S 25	9 12	15 40	5 12	8 49	0n10	22 8	4 20	25 33	1 48	8 15	0 53	23 28	0 17	0 22	0 42	22 53	0 39	25 46	16 59	7 14	7 11	14 5		n.a.	S 25
M26	9 33	12 35	4 48	9 48	0 20	22 1	4 14	25 31	1 47	8 20	0 53	23 28	0 17	0 23	0 41	22 52	0 39	25 46	16 59	7 14	7 10	14 4		n.a.	M26
T 27	9 55	8 45	4 6	10 46	0 31	21 52	4 8	25 29	1 46	8 26	0 53	23 28	0 17	0 24	0 41	22 52	0 39	25 46	16 59	7 14	7 9	14 2		n.a.	T 27
W28	10 16	4 24	3 9	11 44	0 41	21 43	4 1	25 27	1 45	8 31	0 53	23 28	0 17	0 25	0 41	22 52	0 39	25 45	16 59	7 14	7 8	14 1		n.a.	W28
T 29	10 37	0s11	2 0	12 40	0 50	21 32	3 54	25 24	1 45	8 36	0 53	23 28	0 17	0 26	0 41	22 52	0 39	25 45	17 0	7 15	7 6	13 59		n.a.	T 29
F 30	10n58	4s43	0s45	13n35	1n 0	21n20	3n46	25n22	1n44	8n42	0s53	23s28	0n16	0n27	0n41	22s52	0n39	25s45	17s 0	7s15	7s 5	13s58		n.a.	F 30

Julian Day Number = 1308050.5, Delta T = 07h44m11s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'52, Lahiri = -19°34'51 Julian Calendar 1 Apr. 1132 BCE == Greg. Calendar 21 March 1132 BCE

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

MAY 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 13	29♈ 1'57	23♎53	4♉59	18°R33	7♋34	24♈22	25°R20	0°R26	21°R 2	4♓24	18°R12	17♎44	7♒49	n.a.	S 1
S 2	13 57 9	29°59'07	7♏31	7° 7	18♉12	8° 7	24°36	25♐18	0♎24	21♐ 1	4°24	18♎11	17°41	7°55	n.a.	S 2
M 3	14 1 6	0♉56'17	20°52	9°14	17°49	8°40	24°50	25°17	0°22	21° 1	4°25	18°10	17°37	8° 2	n.a.	M 3
T 4	14 5 3	1°53'26	3♐54	11°19	17°24	9°13	25° 4	25°15	0°20	21° 0	4°26	18° 9	17°34	8° 9	n.a.	T 4
W 5	14 8 59	2°50'35	16°37	13°23	16°57	9°46	25°18	25°13	0°18	20°59	4°27	18° 7	17°31	8°16	n.a.	W 5
T 6	14 12 56	3°47'43	29° 4	15°25	16°28	10°19	25°31	25°11	0°16	20°58	4°28	18° 5	17°28	8°22	n.a.	T 6
F 7	14 16 52	4°44'51	11♑17	17°25	15°58	10°53	25°45	25° 9	0°14	20°57	4°29	18° 3	17°25	8°29	n.a.	F 7
S 8	14 20 49	5°41'59	23°18	19°23	15°25	11°26	25°59	25° 7	0°12	20°56	4°30	18° 1	17°22	8°36	n.a.	S 8
S 9	14 24 45	6°39'06	5♒13	21°18	14°52	12° 0	26°13	25° 5	0°10	20°55	4°30	18°D 1	17°18	8°42	n.a.	S 9
M10	14 28 42	7°36'13	17° 6	23°12	14°17	12°33	26°26	25° 3	0° 8	20°54	4°31	18° 1	17°15	8°49	n.a.	M10
T 11	14 32 38	8°33'20	29° 1	25° 3	13°41	13° 7	26°40	25° 1	0° 6	20°53	4°32	18° 2	17°12	8°56	n.a.	T 11
W12	14 36 35	9°30'27	11♓ 4	26°52	13° 5	13°41	26°54	24°58	0° 4	20°52	4°33	18° 4	17° 9	9° 3	n.a.	W12
T 13	14 40 32	10°27'34	23°18	28°39	12°28	14°15	27° 8	24°56	0° 3	20°50	4°33	18° 5	17° 6	9° 9	n.a.	T 13
F 14	14 44 28	11°24'40	5♈46	0♊23	11°50	14°49	27°21	24°53	0° 1	20°49	4°34	18° 6	17° 3	9°16	n.a.	F 14
S 15	14 48 25	12°21'46	18°33	2° 5	11°13	15°23	27°35	24°51	29♍59	20°48	4°35	18°R 7	16°59	9°23	n.a.	S 15
S 16	14 52 21	13°18'53	1♉39	3°45	10°35	15°57	27°49	24°48	29°58	20°47	4°35	18° 6	16°56	9°29	n.a.	S 16
M17	14 56 18	14°15'59	15° 4	5°22	9°58	16°32	28° 2	24°45	29°56	20°46	4°36	18° 4	16°53	9°36	n.a.	M17
T 18	15 0 14	15°13'05	28°47	6°57	9°22	17° 6	28°16	24°42	29°55	20°44	4°36	18° 1	16°50	9°43	n.a.	T 18
W19	15 4 11	16°10'10	12♊46	8°30	8°46	17°41	28°29	24°39	29°53	20°43	4°37	17°58	16°47	9°50	n.a.	W19
T 20	15 8 8	17° 7'16	26°55	10° 0	8°12	18°16	28°43	24°36	29°52	20°42	4°38	17°54	16°43	9°56	n.a.	T 20
F 21	15 12 4	18° 4'21	11♋12	11°28	7°39	18°50	28°56	24°33	29°50	20°41	4°38	17°50	16°40	10° 3	n.a.	F 21
S 22	15 16 1	19° 1'26	25°31	12°53	7° 7	19°25	29°10	24°30	29°49	20°39	4°39	17°47	16°37	10°10	n.a.	S 22
S 23	15 19 57	19°58'31	9♌49	14°16	6°37	20° 0	29°23	24°27	29°48	20°38	4°39	17°45	16°34	10°16	n.a.	S 23
M24	15 23 54	20°55'35	24° 2	15°37	6° 9	20°35	29°37	24°24	29°46	20°37	4°40	17°D45	16°31	10°23	n.a.	M24
T 25	15 27 50	21°52'39	8♍ 8	16°55	5°42	21°10	29°50	24°20	29°45	20°35	4°40	17°45	16°28	10°30	n.a.	T 25
W26	15 31 47	22°49'43	22° 7	18°10	5°18	21°45	0♉ 3	24°17	29°44	20°34	4°41	17°47	16°24	10°37	n.a.	W26
T 27	15 35 43	23°46'46	5♎56	19°23	4°56	22°21	0°16	24°13	29°43	20°33	4°41	17°48	16°21	10°43	n.a.	T 27
F 28	15 39 40	24°43'50	19°35	20°33	4°35	22°56	0°30	24°10	29°42	20°31	4°41	17°R49	16°18	10°50	n.a.	F 28
S 29	15 43 37	25°40'53	3♏ 4	21°40	4°18	23°31	0°43	24° 6	29°41	20°30	4°42	17°48	16°15	10°57	n.a.	S 29
S 30	15 47 33	26°37'57	16°20	22°44	4° 2	24° 7	0°56	24° 3	29°40	20°28	4°42	17°45	16°12	11° 3	n.a.	S 30
M31	15 51 30	27♉35'01	29♏22	23♊46	3♉49	24♋43	1♉ 9	23♐59	29♍39	20♐27	4♓43	17♎40	16♎ 9	11♒10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n18	8s56	0n31	14n28	1n 9	21n 7	3n38	25n19	1n43	8n47	0s53	23s28	0n16	0n27	0n41	22s52	0n39	25s45	17s 0	7s15	7s 4	13s56		n.a.
S 2	11 39	12 35	1 45	15 19	1 17	20 52	3 29	25 17	1 42	8 52	0 53	23 28	0 16	0 28	0 41	22 52	0 39	25 45	17 1	7 15	7 3	13 55		n.a.
M 3	11 59	15 31	2 51	16 8	1 25	20 37	3 20	25 14	1 42	8 57	0 53	23 28	0 16	0 29	0 41	22 52	0 39	25 45	17 1	7 14	7 2	13 54		n.a.
T 4	12 19	17 34	3 47	16 56	1 32	20 20	3 10	25 11	1 41	9 2	0 53	23 28	0 16	0 30	0 41	22 52	0 39	25 45	17 1	7 14	7 0	13 52		n.a.
W 5	12 39	18 40	4 29	17 41	1 39	20 2	3 0	25 7	1 40	9 8	0 52	23 28	0 16	0 31	0 41	22 52	0 39	25 45	17 1	7 13	6 59	13 51		n.a.
T 6	12 59	18 51	4 58	18 23	1 45	19 43	2 49	25 4	1 39	9 13	0 52	23 28	0 16	0 31	0 41	22 52	0 39	25 45	17 2	7 12	6 58	13 49		n.a.
F 7	13 19	18 8	5 13	19 3	1 50	19 23	2 37	25 1	1 39	9 18	0 52	23 28	0 16	0 32	0 41	22 52	0 39	25 45	17 2	7 11	6 57	13 48		n.a.
S 8	13 38	16 37	5 14	19 41	1 55	19 2	2 26	24 57	1 38	9 23	0 52	23 28	0 16	0 33	0 41	22 52	0 39	25 45	17 2	7 11	6 55	13 47		n.a.
S 9	13 57	14 24	5 2	20 17	1 59	18 41	2 13	24 53	1 37	9 28	0 52	23 28	0 16	0 34	0 41	22 52	0 39	25 45	17 3	7 11	6 54	13 45		n.a.
M10	14 16	11 35	4 36	20 50	2 2	18 18	2 1	24 49	1 36	9 33	0 52	23 28	0 16	0 34	0 41	22 52	0 39	25 45	17 3	7 11	6 53	13 44		n.a.
T 11	14 35	8 17	3 58	21 21	2 4	17 55	1 48	24 45	1 36	9 38	0 52	23 28	0 16	0 35	0 41	22 51	0 39	25 45	17 3	7 11	6 52	13 42		n.a.
W12	14 54	4 37	3 10	21 49	2 6	17 31	1 34	24 41	1 35	9 43	0 52	23 28	0 16	0 36	0 41	22 51	0 39	25 45	17 4	7 12	6 50	13 41		n.a.
T 13	15 12	0 41	2 12	22 15	2 7	17 6	1 21	24 37	1 34	9 48	0 52	23 28	0 16	0 36	0 41	22 51	0 39	25 45	17 4	7 12	6 49	13 39		n.a.
F 14	15 30	3n21	1 7	22 38	2 8	16 42	1 7	24 32	1 33	9 53	0 52	23 28	0 16	0 37	0 41	22 51	0 39	25 45	17 4	7 13	6 48	13 38		n.a.
S 15	15 48	7 21	0s 2	23 0	2 8	16 17	0 53	24 27	1 33	9 58	0 52	23 28	0 15	0 38	0 41	22 51	0 39	25 45	17 5	7 13	6 47	13 37		n.a.
S 16	16 5	11 5	1 14	23 19	2 7	15 52	0 39	24 22	1 32	10 3	0 52	23 28	0 15	0 38	0 41	22 51	0 39	25 45	17 5	7 13	6 46	13 35		n.a.
M17	16 23	14 21	2 23	23 36	2 5	15 26	0 25	24 17	1 31	10 8	0 52	23 28	0 15	0 39	0 41	22 51	0 39	25 45	17 5	7 12	6 44	13 34		n.a.
T 18	16 40	16 53	3 25	23 50	2 3	15 2	0 11	24 12	1 30	10 13	0 52	23 28	0 15	0 40	0 41	22 51	0 39	25 45	17 6	7 11	6 43	13 32		n.a.
W19	16 57	18 28	4 16	24 3	2 0	14 37	0s 3	24 7	1 30	10 18	0 52	23 28	0 15	0 40	0 41	22 51	0 39	25 45	17 6	7 9	6 42	13 31		n.a.
T 20	17 13	18 56	4 52	24 14	1 56	14 13	0 16	24 2	1 29	10 23	0 52	23 28	0 15	0 41	0 41	22 51	0 39	25 45	17 6	7 8	6 41	13 29		n.a.
F 21	17 29	18 11	5 10	24 22	1 52	13 49	0 30	23 56	1 28	10 28	0 52	23 28	0 15	0 41	0 41	22 51	0 39	25 45	17 7	7 6	6 39	13 28		n.a.
S 22	17 45	16 19	5 10	24 29	1 48	13 26	0 43	23 50	1 27	10 33	0 52	23 28	0 15	0 42	0 41	22 51	0 39	25 46	17 7	7 5	6 38	13 26		n.a.
S 23	18 1	13 26	4 50	24 34	1 42	13 4	0 56	23 44	1 27	10 38	0 52	23 28	0 15	0 42	0 41	22 50	0 39	25 46	17 7	7 4	6 37	13 25		n.a.
M24	18 17	9 46	4 12	24 38	1 36	12 42	1 9	23 38	1 26	10 43	0 52	23 28	0 15	0 43	0 41	22 50	0 39	25 46	17 8	7 4	6 36	13 23		n.a.
T 25	18 32	5 34	3 20	24 39	1 30	12 22	1 21	23 32	1 25	10 47	0 52	23 28	0 15	0 43	0 41	22 50	0 39	25 46	17 8	7 5	6 34	13 22		n.a.
W26	18 47	1 6	2 16	24 40	1 22	12 2	1 33	23 26	1 24	10 52	0 51	23 27	0 15	0 44	0 41	22 50	0 39	25 46	17 8	7 5	6 33	13 21		n.a.
T 27	19 1	3s23	1 4	24 38	1 15	11 44	1 45	23 19	1 24	10 57	0 51	23 27	0 15	0 44	0 41	22 50	0 39	25 46	17 9	7 6	6 32	13 19		n.a.
F 28	19 15	7 38	0n10	24 35	1 6	11 26	1 56	23 12	1 23	11 2	0 51	23 27	0 14	0 44	0 41	22 50	0 39	25 46	17 9	7 6	6 31	13 18		n.a.
S 29	19 29	11 27	1 22	24 31	0 58	11 10	2 7	23 5	1 22	11 6	0 51	23 27	0 14	0 45	0 41	22 50	0 39	25 47	17 10	7 5	6 29	13 16		n.a.
S 30	19 43	14 37	2 29	24 26	0 48	10 55	2 17	22 58	1 22	11 11	0 51	23 27	0 14	0 45	0 40	22 50	0 39	25 47	17 10	7 4	6 28	13 15		n.a.
M31	19n56	16s59	3n26	24n19	0n38	10n41	2s27	22n51	1n21	11n16	0s51	23s27	0n14	0n46	0n40	22s50	0n39	25s47	17s10	7s 3	6s27	13s13		n.a.

Julian Day Number = 1308080.5, Delta T = 07h44m09s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'48, Lahiri = -19°34'47 Julian Calendar 1 May 1132 BCE == Greg. Calendar 20 Apr. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

JUNE 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 26	28♉32'05	12♐11	24♊44	3°R38	25♋18	1♉22	23°R55	29°R38	20°R25	4♓43	17°R34	16♎ 5	11♒17	n.a.	T 1
W 2	15 59 23	29°29'10	24°46	25°39	3♉30	25°54	1°35	23♐51	29♍37	20♐24	4°43	17♎27	16° 2	11°24	n.a.	W 2
T 3	16 3 19	0♊26'15	7♂ 8	26°31	3°24	26°30	1°48	23°47	29°36	20°22	4°43	17°20	15°59	11°30	n.a.	T 3
F 4	16 7 16	1°23'20	19°17	27°20	3°21	27° 6	2° 1	23°44	29°35	20°21	4°44	17°13	15°56	11°37	n.a.	F 4
S 5	16 11 13	2°20'27	1♒17	28° 5	3°D20	27°42	2°14	23°40	29°35	20°19	4°44	17° 7	15°53	11°44	n.a.	S 5
S 6	16 15 9	3°17'34	13°11	28°46	3°21	28°18	2°27	23°36	29°34	20°18	4°44	17° 3	15°49	11°50	n.a.	S 6
M 7	16 19 6	4°14'41	25° 3	29°24	3°24	28°54	2°40	23°32	29°33	20°16	4°44	17° 1	15°46	11°57	n.a.	M 7
T 8	16 23 2	5°11'50	6♓57	29°57	3°30	29°30	2°52	23°27	29°33	20°15	4°45	17°D 0	15°43	12° 4	n.a.	T 8
W 9	16 26 59	6° 8'59	18°58	0♋27	3°38	0♌ 7	3° 5	23°23	29°32	20°13	4°45	17° 1	15°40	12°11	n.a.	W 9
T 10	16 30 55	7° 6'09	1♈13	0°52	3°48	0°43	3°18	23°19	29°32	20°12	4°45	17° 2	15°37	12°17	n.a.	T 10
F 11	16 34 52	8° 3'20	13°44	1°13	4° 0	1°20	3°30	23°15	29°31	20°10	4°45	17°R 3	15°34	12°24	n.a.	F 11
S 12	16 38 48	9° 0'32	26°37	1°29	4°14	1°56	3°43	23°11	29°31	20° 8	4°45	17° 3	15°30	12°31	n.a.	S 12
S 13	16 42 45	9°57'44	9♉54	1°41	4°30	2°33	3°55	23° 6	29°31	20° 7	4°45	17° 0	15°27	12°37	n.a.	S 13
M14	16 46 42	10°54'58	23°35	1°48	4°48	3°10	4° 8	23° 2	29°30	20° 5	4°45	16°56	15°24	12°44	n.a.	M14
T 15	16 50 38	11°52'12	7♊40	1°R50	5° 8	3°46	4°20	22°58	29°30	20° 4	4°R45	16°49	15°21	12°51	n.a.	T 15
W16	16 54 35	12°49'28	22° 4	1°47	5°30	4°23	4°32	22°53	29°30	20° 2	4°45	16°41	15°18	12°57	n.a.	W16
T 17	16 58 31	13°46'44	6♋40	1°39	5°53	5° 0	4°44	22°49	29°30	20° 0	4°45	16°32	15°15	13° 4	n.a.	T 17
F 18	17 2 28	14°44'01	21°23	1°26	6°18	5°37	4°56	22°45	29°30	19°59	4°45	16°24	15°11	13°11	n.a.	F 18
S 19	17 6 24	15°41'19	6♌ 3	1° 8	6°44	6°15	5° 9	22°40	29°D30	19°57	4°45	16°17	15° 8	13°18	n.a.	S 19
S 20	17 10 21	16°38'37	20°36	0°45	7°13	6°52	5°21	22°36	29°30	19°56	4°45	16°13	15° 5	13°24	n.a.	S 20
M21	17 14 17	17°35'56	4♍55	0°18	7°42	7°29	5°32	22°31	29°30	19°54	4°45	16°10	15° 2	13°31	n.a.	M21
T 22	17 18 14	18°33'15	19° 0	29♊46	8°13	8° 6	5°44	22°27	29°30	19°52	4°45	16°D 9	14°59	13°38	n.a.	T 22
W23	17 22 11	19°30'35	2♎48	29°11	8°46	8°44	5°56	22°22	29°30	19°51	4°44	16°10	14°55	13°44	n.a.	W23
T 24	17 26 7	20°27'56	16°21	28°32	9°19	9°21	6° 8	22°18	29°31	19°49	4°44	16°R10	14°52	13°51	n.a.	T 24
F 25	17 30 4	21°25'18	29°41	27°50	9°54	9°59	6°19	22°13	29°31	19°47	4°44	16° 9	14°49	13°58	n.a.	F 25
S 26	17 34 0	22°22'40	12♏47	27° 6	10°30	10°37	6°31	22° 9	29°31	19°46	4°44	16° 7	14°46	14° 5	n.a.	S 26
S 27	17 37 57	23°20'04	25°42	26°20	11° 8	11°14	6°42	22° 5	29°32	19°44	4°44	16° 1	14°43	14°11	n.a.	S 27
M28	17 41 53	24°17'29	8♐25	25°34	11°46	11°52	6°54	22° 0	29°32	19°43	4°43	15°53	14°40	14°18	n.a.	M28
T 29	17 45 50	25°14'54	20°58	24°47	12°26	12°30	7° 5	21°56	29°33	19°41	4°43	15°43	14°36	14°25	n.a.	T 29
W30	17 49 46	26♊12'21	3♂20	24♊ 2	13♉ 7	13♌ 8	7♉16	21♐51	29♍33	19♐39	4♓43	15♎31	14♎33	14♒31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n 9	18s27	4n12	24n11	0n28	10n29	2s37	22n44	1n20	11n20	0s51	23s27	0n14	0n46	0n40	22s50	0n39	25s47	17s11	7s 0	6s26	13s12			n.a.
W 2	20 22	18 59	4 45	24 2	0 17	10 18	2 46	22 36	1 19	11 25	0 51	23 27	0 14	0 46	0 40	22 49	0 39	25 47	17 11	6 57	6 24	13 10			n.a.
T 3	20 34	18 35	5 4	23 53	0 6	10 8	2 54	22 29	1 19	11 30	0 51	23 27	0 14	0 47	0 40	22 49	0 39	25 48	17 11	6 55	6 23	13 9			n.a.
F 4	20 46	17 20	5 8	23 42	0s 6	9 59	3 2	22 21	1 18	11 34	0 51	23 27	0 14	0 47	0 40	22 49	0 39	25 48	17 12	6 52	6 22	13 7			n.a.
S 5	20 58	15 20	4 59	23 31	0 18	9 51	3 10	22 13	1 17	11 39	0 51	23 27	0 14	0 47	0 40	22 49	0 39	25 48	17 12	6 50	6 21	13 6			n.a.
S 6	21 9	12 42	4 37	23 18	0 31	9 45	3 17	22 5	1 17	11 43	0 51	23 26	0 14	0 47	0 40	22 49	0 39	25 48	17 12	6 48	6 19	13 4			n.a.
M 7	21 20	9 34	4 4	23 6	0 44	9 40	3 23	21 57	1 16	11 48	0 51	23 26	0 14	0 48	0 40	22 49	0 39	25 49	17 13	6 47	6 18	13 3			n.a.
T 8	21 31	6 2	3 19	22 52	0 57	9 36	3 30	21 48	1 15	11 52	0 51	23 26	0 14	0 48	0 40	22 49	0 39	25 49	17 13	6 47	6 17	13 1			n.a.
W 9	21 41	2 12	2 25	22 39	1 11	9 33	3 35	21 40	1 14	11 56	0 51	23 26	0 14	0 48	0 40	22 49	0 39	25 49	17 14	6 47	6 16	13 0			n.a.
T 10	21 51	1n47	1 24	22 25	1 25	9 32	3 41	21 31	1 14	12 1	0 51	23 26	0 13	0 48	0 40	22 49	0 39	25 49	17 14	6 48	6 14	12 58			n.a.
F 11	22 0	5 47	0 18	22 10	1 39	9 31	3 46	21 22	1 13	12 5	0 51	23 26	0 13	0 48	0 40	22 48	0 39	25 50	17 14	6 48	6 13	12 57			n.a.
S 12	22 9	9 38	0s51	21 56	1 53	9 32	3 50	21 13	1 12	12 9	0 51	23 26	0 13	0 48	0 40	22 48	0 39	25 50	17 15	6 48	6 12	12 56			n.a.
S 13	22 18	13 8	2 0	21 42	2 7	9 33	3 55	21 4	1 11	12 14	0 51	23 26	0 13	0 48	0 40	22 48	0 39	25 50	17 15	6 47	6 11	12 54			n.a.
M14	22 27	16 1	3 3	21 27	2 22	9 35	3 58	20 55	1 11	12 18	0 51	23 25	0 13	0 48	0 40	22 48	0 39	25 51	17 15	6 45	6 10	12 53			n.a.
T 15	22 35	18 3	3 57	21 13	2 36	9 39	4 2	20 45	1 10	12 22	0 51	23 25	0 13	0 48	0 40	22 48	0 39	25 51	17 16	6 43	6 8	12 51			n.a.
W16	22 42	18 58	4 37	20 59	2 50	9 43	4 5	20 36	1 9	12 26	0 51	23 25	0 13	0 49	0 40	22 48	0 39	25 51	17 16	6 40	6 7	12 50			n.a.
T 17	22 49	18 39	5 0	20 45	3 4	9 48	4 8	20 26	1 9	12 30	0 51	23 25	0 13	0 49	0 40	22 48	0 39	25 52	17 16	6 36	6 6	12 48			n.a.
F 18	22 56	17 6	5 4	20 32	3 17	9 54	4 10	20 16	1 8	12 35	0 51	23 25	0 13	0 49	0 40	22 48	0 39	25 52	17 17	6 33	6 5	12 47			n.a.
S 19	23 3	14 26	4 47	20 19	3 30	10 1	4 13	20 6	1 7	12 39	0 51	23 25	0 13	0 48	0 40	22 48	0 39	25 52	17 17	6 30	6 3	12 45			n.a.
S 20	23 9	10 53	4 12	20 7	3 42	10 8	4 15	19 56	1 7	12 43	0 51	23 24	0 13	0 48	0 40	22 47	0 39	25 53	17 18	6 28	6 2	12 44			n.a.
M21	23 14	6 44	3 22	19 56	3 54	10 16	4 16	19 45	1 6	12 47	0 51	23 24	0 12	0 48	0 40	22 47	0 39	25 53	17 18	6 28	6 1	12 42			n.a.
T 22	23 19	2 17	2 20	19 46	4 4	10 25	4 17	19 35	1 5	12 51	0 51	23 24	0 12	0 48	0 40	22 47	0 39	25 53	17 18	6 27	6 0	12 41			n.a.
W23	23 24	2s13	1 11	19 36	4 13	10 34	4 19	19 24	1 4	12 55	0 51	23 24	0 12	0 48	0 40	22 47	0 39	25 54	17 19	6 27	5 58	12 39			n.a.
T 24	23 29	6 31	0n 1	19 28	4 21	10 44	4 19	19 13	1 4	12 59	0 51	23 24	0 12	0 48	0 39	22 47	0 39	25 54	17 19	6 28	5 57	12 38			n.a.
F 25	23 33	10 26	1 11	19 21	4 28	10 55	4 20	19 2	1 3	13 2	0 51	23 24	0 12	0 48	0 39	22 47	0 39	25 55	17 19	6 27	5 56	12 36			n.a.
S 26	23 36	13 45	2 17	19 15	4 33	11 6	4 20	18 51	1 2	13 6	0 51	23 23	0 12	0 48	0 39	22 47	0 39	25 55	17 20	6 26	5 55	12 35			n.a.
S 27	23 39	16 21	3 14	19 10	4 36	11 17	4 20	18 40	1 2	13 10	0 51	23 23	0 12	0 47	0 39	22 47	0 39	25 55	17 20	6 24	5 53	12 33			n.a.
M28	23 42	18 7	4 0	19 7	4 38	11 29	4 20	18 29	1 1	13 14	0 51	23 23	0 12	0 47	0 39	22 47	0 39	25 56	17 20	6 21	5 52	12 32			n.a.
T 29	23 44	18 57	4 34	19 6	4 38	11 42	4 20	18 17	1 0	13 18	0 51	23 23	0 12	0 47	0 39	22 46	0 39	25 56	17 21	6 17	5 51	12 30			n.a.
W30	23n46	18s52	4n55	19n 6	4s36	11n55	4s19	18n 6	0n59	13n21	0s51	23s23	0n12	0n47	0n39	22s46	0n39	25s57	17s21	6s12	5s50	12s28			n.a.

Julian Day Number = 1308111.5, Delta T = 07h44m07s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'44, Lahiri = -19°34'43 Julian Calendar 1 June 1132 BCE == Greg. Calendar 21 May 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

JULY 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 43	27♊ 9'50	15♉33	23°R18	13♉49	13♌46	7♉28	21°R47	29♍34	19°R38	4°R42	15°R18	14♎30	14♒38	n.a.	T 1
F 2	17 57 40	28° 7'19	27°36	22♊37	14°32	14°24	7°39	21♐42	29°35	19♐36	4♓42	15♎ 6	14°27	14°45	n.a.	F 2
S 3	18 1 36	29° 4'50	9♒32	22° 0	15°15	15° 2	7°50	21°38	29°35	19°34	4°42	14°56	14°24	14°52	n.a.	S 3
S 4	18 5 33	0♋ 2'23	21°24	21°27	16° 0	15°40	8° 0	21°33	29°36	19°33	4°41	14°48	14°21	14°58	n.a.	S 4
M 5	18 9 29	0°59'57	3♓13	20°59	16°46	16°19	8°11	21°29	29°37	19°31	4°41	14°42	14°17	15° 5	n.a.	M 5
T 6	18 13 26	1°57'32	15° 6	20°36	17°32	16°57	8°22	21°25	29°38	19°30	4°41	14°39	14°14	15°12	n.a.	T 6
W 7	18 17 22	2°55'10	27° 5	20°20	18°19	17°35	8°33	21°20	29°39	19°28	4°40	14°38	14°11	15°18	n.a.	W 7
T 8	18 21 19	3°52'49	9♈17	20°10	19° 7	18°14	8°43	21°16	29°40	19°27	4°40	14°38	14° 8	15°25	n.a.	T 8
F 9	18 25 15	4°50'29	21°47	20°D 7	19°56	18°53	8°53	21°12	29°41	19°25	4°39	14°38	14° 5	15°32	n.a.	F 9
S 10	18 29 12	5°48'12	4♉39	20°12	20°46	19°31	9° 4	21° 7	29°42	19°23	4°39	14°37	14° 1	15°38	n.a.	S 10
S 11	18 33 9	6°45'56	17°58	20°23	21°36	20°10	9°14	21° 3	29°43	19°22	4°38	14°33	13°58	15°45	n.a.	S 11
M12	18 37 5	7°43'42	1♊45	20°42	22°27	20°49	9°24	20°59	29°44	19°20	4°38	14°28	13°55	15°52	n.a.	M12
T 13	18 41 2	8°41'30	16° 0	21° 9	23°19	21°28	9°34	20°55	29°45	19°19	4°37	14°19	13°52	15°59	n.a.	T 13
W14	18 44 58	9°39'20	0♋40	21°43	24°11	22° 7	9°44	20°51	29°47	19°17	4°36	14° 9	13°49	16° 5	n.a.	W14
T 15	18 48 55	10°37'12	15°37	22°25	25° 4	22°46	9°54	20°47	29°48	19°16	4°36	13°58	13°46	16°12	n.a.	T 15
F 16	18 52 51	11°35'05	0♌42	23°13	25°57	23°25	10° 4	20°43	29°49	19°14	4°35	13°47	13°42	16°19	n.a.	F 16
S 17	18 56 48	12°32'59	15°45	24° 9	26°52	24° 4	10°13	20°39	29°51	19°13	4°35	13°38	13°39	16°25	n.a.	S 17
S 18	19 0 45	13°30'55	0♍37	25°11	27°46	24°43	10°23	20°35	29°52	19°11	4°34	13°31	13°36	16°32	n.a.	S 18
M19	19 4 41	14°28'52	15°10	26°20	28°41	25°23	10°32	20°31	29°54	19°10	4°33	13°27	13°33	16°39	n.a.	M19
T 20	19 8 38	15°26'51	29°23	27°35	29°37	26° 2	10°41	20°27	29°55	19° 9	4°33	13°25	13°30	16°45	n.a.	T 20
W21	19 12 34	16°24'51	13♎12	28°56	0♊33	26°41	10°50	20°23	29°57	19° 7	4°32	13°25	13°26	16°52	n.a.	W21
T 22	19 16 31	17°22'53	26°40	0♋22	1°30	27°21	10°59	20°19	29°59	19° 6	4°31	13°25	13°23	16°59	n.a.	T 22
F 23	19 20 27	18°20'57	9♏49	1°53	2°27	28° 1	11° 8	20°16	0♎ 1	19° 4	4°30	13°24	13°20	17° 6	n.a.	F 23
S 24	19 24 24	19°19'01	22°42	3°29	3°25	28°40	11°17	20°12	0° 2	19° 3	4°30	13°20	13°17	17°12	n.a.	S 24
S 25	19 28 20	20°17'08	5♐21	5° 8	4°23	29°20	11°25	20° 9	0° 4	19° 2	4°29	13°14	13°14	17°19	n.a.	S 25
M26	19 32 17	21°15'16	17°48	6°51	5°21	29°59	11°34	20° 5	0° 6	19° 0	4°28	13° 5	13°11	17°26	n.a.	M26
T 27	19 36 13	22°13'26	0♑ 6	8°37	6°20	0♍40	11°42	20° 2	0° 8	18°59	4°27	12°54	13° 7	17°32	n.a.	T 27
W28	19 40 10	23°11'38	12°16	10°26	7°19	1°19	11°51	19°58	0°10	18°58	4°26	12°41	13° 4	17°39	n.a.	W28
T 29	19 44 7	24° 9'51	24°19	12°16	8°19	1°59	11°59	19°55	0°12	18°57	4°26	12°27	13° 1	17°46	n.a.	T 29
F 30	19 48 3	25° 8'07	6♒16	14° 8	9°19	2°40	12° 7	19°52	0°14	18°55	4°25	12°14	12°58	17°52	n.a.	F 30
S 31	19 52 0	26♋ 6'24	18♒ 9	16♋ 2	10♊20	3♍20	12♉15	19♐48	0♎16	18♐54	4♓24	12♎ 3	12♎55	17♒59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	17s55	5n 1	19n 8	4s32	12n 8	4s19	17n54	0n59	13n25	0s51	23s23	0n12	0n46	0n39	22s46	0n39	25s57	17s21	6s 7	5s48	12s27		n.a.
F 2	23 49	16 10	4 54	19 11	4 27	12 21	4 18	17 42	0 58	13 29	0 51	23 22	0 11	0 46	0 39	22 46	0 39	25 58	17 22	6 3	5 47	12 25		n.a.
S 3	23 49	13 45	4 34	19 16	4 20	12 35	4 17	17 30	0 57	13 32	0 51	23 22	0 11	0 46	0 39	22 46	0 39	25 58	17 22	5 58	5 46	12 24		n.a.
S 4	23 50	10 46	4 3	19 22	4 11	12 49	4 15	17 18	0 57	13 36	0 51	23 22	0 11	0 45	0 39	22 46	0 39	25 59	17 22	5 55	5 45	12 22		n.a.
M 5	23 49	7 22	3 21	19 31	4 1	13 4	4 14	17 5	0 56	13 39	0 51	23 22	0 11	0 45	0 39	22 46	0 39	25 59	17 23	5 53	5 43	12 21		n.a.
T 6	23 49	3 40	2 30	19 41	3 49	13 18	4 12	16 53	0 55	13 43	0 51	23 22	0 11	0 45	0 39	22 46	0 39	26 0	17 23	5 52	5 42	12 19		n.a.
W 7	23 48	0n13	1 32	19 52	3 37	13 33	4 10	16 40	0 55	13 46	0 51	23 21	0 11	0 44	0 39	22 46	0 39	26 0	17 23	5 51	5 41	12 18		n.a.
T 8	23 46	4 10	0 28	20 5	3 23	13 48	4 9	16 28	0 54	13 50	0 51	23 21	0 11	0 44	0 39	22 45	0 39	26 0	17 24	5 51	5 40	12 16		n.a.
F 9	23 44	8 2	0s38	20 19	3 8	14 3	4 6	16 15	0 53	13 53	0 51	23 21	0 11	0 43	0 39	22 45	0 39	26 1	17 24	5 51	5 38	12 15		n.a.
S 10	23 42	11 39	1 44	20 35	2 53	14 19	4 4	16 2	0 52	13 56	0 51	23 21	0 11	0 43	0 39	22 45	0 39	26 1	17 24	5 51	5 37	12 13		n.a.
S 11	23 39	14 48	2 47	20 51	2 37	14 34	4 2	15 49	0 52	14 0	0 51	23 21	0 11	0 42	0 39	22 45	0 39	26 2	17 25	5 50	5 36	12 12		n.a.
M12	23 36	17 14	3 42	21 9	2 21	14 49	3 59	15 36	0 51	14 3	0 51	23 20	0 10	0 42	0 39	22 45	0 39	26 2	17 25	5 47	5 35	12 10		n.a.
T 13	23 32	18 41	4 25	21 27	2 5	15 5	3 57	15 22	0 50	14 6	0 52	23 20	0 10	0 41	0 39	22 45	0 39	26 3	17 25	5 44	5 33	12 9		n.a.
W14	23 28	18 57	4 52	21 46	1 49	15 20	3 54	15 9	0 50	14 9	0 52	23 20	0 10	0 41	0 39	22 45	0 39	26 3	17 26	5 40	5 32	12 7		n.a.
T 15	23 24	17 55	5 0	22 4	1 32	15 36	3 51	14 55	0 49	14 12	0 52	23 20	0 10	0 40	0 39	22 45	0 38	26 4	17 26	5 36	5 31	12 6		n.a.
F 16	23 19	15 39	4 48	22 23	1 16	15 52	3 48	14 41	0 48	14 15	0 52	23 20	0 10	0 40	0 39	22 45	0 38	26 4	17 26	5 31	5 30	12 4		n.a.
S 17	23 13	12 19	4 15	22 42	1 0	16 7	3 45	14 28	0 48	14 18	0 52	23 20	0 10	0 39	0 39	22 45	0 38	26 5	17 27	5 28	5 28	12 2		n.a.
S 18	23 8	8 14	3 26	23 0	0 44	16 22	3 42	14 14	0 47	14 21	0 52	23 19	0 10	0 38	0 38	22 44	0 38	26 6	17 27	5 25	5 27	12 1		n.a.
M19	23 2	3 44	2 23	23 18	0 29	16 38	3 39	13 59	0 46	14 24	0 52	23 19	0 10	0 38	0 38	22 44	0 38	26 6	17 27	5 24	5 26	11 59		n.a.
T 20	22 55	0s52	1 14	23 34	0 14	16 53	3 36	13 45	0 45	14 27	0 52	23 19	0 10	0 37	0 38	22 44	0 38	26 7	17 28	5 23	5 25	11 58		n.a.
W21	22 48	5 19	0 1	23 49	0 0	17 8	3 32	13 31	0 45	14 30	0 52	23 19	0 10	0 36	0 38	22 44	0 38	26 7	17 28	5 23	5 23	11 56		n.a.
T 22	22 41	9 22	1n10	24 2	0n13	17 23	3 29	13 17	0 44	14 33	0 52	23 19	0 9	0 36	0 38	22 44	0 38	26 8	17 28	5 23	5 22	11 55		n.a.
F 23	22 33	12 52	2 15	24 14	0 25	17 38	3 25	13 2	0 43	14 35	0 52	23 18	0 9	0 35	0 38	22 44	0 38	26 8	17 28	5 22	5 21	11 53		n.a.
S 24	22 25	15 39	3 12	24 24	0 37	17 53	3 21	12 47	0 43	14 38	0 52	23 18	0 9	0 34	0 38	22 44	0 38	26 9	17 29	5 21	5 20	11 52		n.a.
S 25	22 16	17 38	3 58	24 31	0 48	18 7	3 18	12 33	0 42	14 41	0 52	23 18	0 9	0 33	0 38	22 44	0 38	26 9	17 29	5 18	5 18	11 50		n.a.
M26	22 7	18 45	4 32	24 36	0 58	18 22	3 14	12 18	0 41	14 43	0 52	23 18	0 9	0 33	0 38	22 44	0 38	26 10	17 29	5 15	5 17	11 49		n.a.
T 27	21 58	18 57	4 53	24 39	1 7	18 36	3 10	12 3	0 40	14 46	0 52	23 18	0 9	0 32	0 38	22 44	0 38	26 10	17 29	5 10	5 16	11 47		n.a.
W28	21 48	18 16	5 0	24 39	1 15	18 50	3 6	11 48	0 40	14 49	0 52	23 18	0 9	0 31	0 38	22 44	0 38	26 11	17 30	5 5	5 15	11 45		n.a.
T 29	21 38	16 47	4 54	24 37	1 22	19 3	3 2	11 33	0 39	14 51	0 52	23 17	0 9	0 30	0 38	22 43	0 38	26 11	17 30	5 0	5 13	11 44		n.a.
F 30	21 27	14 34	4 35	24 31	1 28	19 16	2 58	11 17	0 38	14 53	0 52	23 17	0 9	0 29	0 38	22 43	0 38	26 12	17 30	4 55	5 12	11 42		n.a.
S 31	21n16	11s47	4n 4	24n24	1n34	19n29	2s54	11n 2	0n38	14n56	0s52	23s17	0n 9	0n28	0n38	22s43	0n38	26s13	17s30	4s50	5s11	11s41		n.a.

Julian Day Number = 1308141.5, Delta T = 07h44m06s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'40, Lahiri = -19°34'39 Julian Calendar 1 July 1132 BCE == Greg. Calendar 20 June 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

AUGUST 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 56	27♋ 4'44	29♒58	17♋56	11♊21	4♍ 0	12♉22	19°R45	0♎18	18°R53	4°R23	11°R53	12♎52	18♒ 6	n.a.	S 1
M 2	19 59 53	28° 3'05	11♓48	19°51	12°22	4°40	12°30	19♐42	0°20	18♐52	4♓22	11♎47	12°48	18°13	n.a.	M 2
T 3	20 3 49	29° 1'29	23°40	21°46	13°24	5°20	12°37	19°39	0°23	18°51	4°21	11°43	12°45	18°19	n.a.	T 3
W 4	20 7 46	29°59'55	5♈39	23°41	14°25	6° 1	12°44	19°37	0°25	18°49	4°20	11°42	12°42	18°26	n.a.	W 4
T 5	20 11 42	0♌58'23	17°49	25°36	15°28	6°41	12°52	19°34	0°27	18°48	4°19	11°D42	12°39	18°33	n.a.	T 5
F 6	20 15 39	1°56'54	0♉16	27°31	16°30	7°22	12°59	19°31	0°29	18°47	4°18	11°R42	12°36	18°39	n.a.	F 6
S 7	20 19 36	2°55'26	13° 4	29°25	17°33	8° 2	13° 5	19°28	0°32	18°46	4°17	11°42	12°32	18°46	n.a.	S 7
S 8	20 23 32	3°54'02	26°18	1♌18	18°37	8°43	13°12	19°26	0°34	18°45	4°16	11°40	12°29	18°53	n.a.	S 8
M 9	20 27 29	4°52'39	10♊ 1	3°11	19°40	9°24	13°19	19°23	0°37	18°44	4°16	11°35	12°26	18°59	n.a.	M 9
T 10	20 31 25	5°51'19	24°14	5° 3	20°44	10° 5	13°25	19°21	0°39	18°43	4°15	11°29	12°23	19° 6	n.a.	T 10
W11	20 35 22	6°50'02	8♋55	6°55	21°48	10°46	13°31	19°19	0°42	18°42	4°13	11°20	12°20	19°13	n.a.	W11
T 12	20 39 18	7°48'46	23°57	8°45	22°52	11°27	13°37	19°16	0°44	18°41	4°12	11°10	12°17	19°20	n.a.	T 12
F 13	20 43 15	8°47'33	9♌12	10°34	23°57	12° 8	13°43	19°14	0°47	18°40	4°11	11° 1	12°13	19°26	n.a.	F 13
S 14	20 47 11	9°46'22	24°29	12°23	25° 2	12°49	13°49	19°12	0°50	18°39	4°10	10°53	12°10	19°33	n.a.	S 14
S 15	20 51 8	10°45'13	9♍37	14°10	26° 7	13°30	13°55	19°10	0°52	18°39	4° 9	10°47	12° 7	19°40	n.a.	S 15
M16	20 55 4	11°44'06	24°26	15°57	27°12	14°11	14° 0	19° 8	0°55	18°38	4° 8	10°44	12° 4	19°46	n.a.	M16
T 17	20 59 1	12°43'01	8♎52	17°43	28°18	14°52	14° 5	19° 7	0°58	18°37	4° 7	10°D43	12° 1	19°53	n.a.	T 17
W18	21 2 58	13°41'57	22°51	19°27	29°24	15°34	14°10	19° 5	1° 1	18°36	4° 6	10°43	11°58	20° 0	n.a.	W18
T 19	21 6 54	14°40'56	6♏24	21°11	0♋30	16°15	14°15	19° 3	1° 4	18°36	4° 5	10°44	11°54	20° 6	n.a.	T 19
F 20	21 10 51	15°39'56	19°33	22°54	1°36	16°57	14°20	19° 2	1° 7	18°35	4° 4	10°R44	11°51	20°13	n.a.	F 20
S 21	21 14 47	16°38'59	2♐21	24°35	2°43	17°38	14°25	19° 1	1° 9	18°34	4° 3	10°43	11°48	20°20	n.a.	S 21
S 22	21 18 44	17°38'03	14°53	26°16	3°50	18°20	14°29	18°59	1°12	18°33	4° 2	10°39	11°45	20°26	n.a.	S 22
M23	21 22 40	18°37'09	27°11	27°56	4°57	19° 2	14°33	18°58	1°15	18°33	4° 1	10°34	11°42	20°33	n.a.	M23
T 24	21 26 37	19°36'17	9♑19	29°35	6° 4	19°43	14°37	18°57	1°18	18°32	4° 0	10°26	11°38	20°40	n.a.	T 24
W25	21 30 33	20°35'27	21°20	1♍13	7°11	20°25	14°41	18°56	1°22	18°32	3°58	10°17	11°35	20°47	n.a.	W25
T 26	21 34 30	21°34'40	3♒15	2°51	8°19	21° 7	14°45	18°55	1°25	18°31	3°57	10° 7	11°32	20°53	n.a.	T 26
F 27	21 38 27	22°33'54	15° 8	4°27	9°27	21°49	14°48	18°54	1°28	18°31	3°56	9°58	11°29	21° 0	n.a.	F 27
S 28	21 42 23	23°33'10	26°58	6° 3	10°35	22°31	14°52	18°54	1°31	18°30	3°55	9°50	11°26	21° 7	n.a.	S 28
S 29	21 46 20	24°32'29	8♓49	7°38	11°43	23°13	14°55	18°53	1°34	18°30	3°54	9°44	11°23	21°13	n.a.	S 29
M30	21 50 16	25°31'50	20°42	9°12	12°51	23°55	14°58	18°52	1°37	18°29	3°53	9°39	11°19	21°20	n.a.	M30
T 31	21 54 13	26♌31'13	2♈38	10♍45	14♋ 0	24♍38	15♉ 0	18♐52	1♎40	18♐29	3♓52	9♎37	11♎16	21♒27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n 5	8s31	3n22	24n13	1n38	19n42	2s50	10n46	0n37	14n58	0s52	23s17	0n 8	0n27	0n38	22s43	0n38	26s13	17s31	4s46	5s 9	11s39			n.a.
M 2	20 53	4 55	2 32	24 0	1 42	19 54	2 46	10 31	0 36	15 0	0 52	23 17	0 8	0 26	0 38	22 43	0 38	26 14	17 31	4 44	5 8	11 38			n.a.
T 3	20 41	1 7	1 34	23 45	1 45	20 6	2 41	10 15	0 36	15 3	0 52	23 17	0 8	0 26	0 38	22 43	0 38	26 14	17 31	4 42	5 7	11 36			n.a.
W 4	20 29	2n46	0 32	23 28	1 47	20 18	2 37	9 59	0 35	15 5	0 52	23 17	0 8	0 25	0 38	22 43	0 38	26 15	17 31	4 42	5 6	11 34			n.a.
T 5	20 16	6 36	0s33	23 8	1 48	20 29	2 33	9 44	0 34	15 7	0 52	23 17	0 8	0 24	0 38	22 43	0 38	26 15	17 31	4 42	5 4	11 33			n.a.
F 6	20 3	10 14	1 37	22 46	1 49	20 40	2 28	9 28	0 33	15 9	0 52	23 16	0 8	0 23	0 38	22 43	0 38	26 16	17 32	4 42	5 3	11 31			n.a.
S 7	19 49	13 30	2 39	22 22	1 49	20 51	2 24	9 12	0 33	15 11	0 53	23 16	0 8	0 22	0 38	22 43	0 38	26 16	17 32	4 42	5 2	11 30			n.a.
S 8	19 35	16 10	3 34	21 57	1 48	21 1	2 20	8 55	0 32	15 13	0 53	23 16	0 8	0 21	0 38	22 43	0 38	26 17	17 32	4 41	5 1	11 28			n.a.
M 9	19 21	18 2	4 19	21 30	1 47	21 10	2 15	8 39	0 31	15 15	0 53	23 16	0 8	0 20	0 38	22 43	0 38	26 18	17 32	4 39	4 59	11 27			n.a.
T 10	19 7	18 52	4 50	21 1	1 45	21 19	2 11	8 23	0 31	15 17	0 53	23 16	0 8	0 19	0 38	22 43	0 38	26 18	17 32	4 37	4 58	11 25			n.a.
W11	18 52	18 29	5 3	20 30	1 43	21 28	2 6	8 7	0 30	15 19	0 53	23 16	0 7	0 18	0 38	22 43	0 38	26 19	17 33	4 33	4 57	11 23			n.a.
T 12	18 37	16 48	4 56	19 59	1 41	21 36	2 2	7 50	0 29	15 21	0 53	23 16	0 7	0 16	0 38	22 43	0 38	26 19	17 33	4 29	4 56	11 22			n.a.
F 13	18 21	13 56	4 28	19 26	1 37	21 44	1 57	7 34	0 29	15 22	0 53	23 16	0 7	0 15	0 38	22 42	0 38	26 20	17 33	4 26	4 54	11 20			n.a.
S 14	18 5	10 6	3 41	18 52	1 34	21 51	1 53	7 17	0 28	15 24	0 53	23 16	0 7	0 14	0 38	22 42	0 38	26 20	17 33	4 22	4 53	11 19			n.a.
S 15	17 49	5 39	2 38	18 17	1 30	21 58	1 48	7 0	0 27	15 26	0 53	23 16	0 7	0 13	0 38	22 42	0 38	26 21	17 33	4 20	4 52	11 17			n.a.
M16	17 33	0 56	1 26	17 41	1 26	22 4	1 44	6 44	0 26	15 27	0 53	23 16	0 7	0 12	0 37	22 42	0 38	26 21	17 33	4 19	4 51	11 16			n.a.
T 17	17 16	3s43	0 10	17 4	1 21	22 10	1 39	6 27	0 26	15 29	0 53	23 16	0 7	0 11	0 37	22 42	0 38	26 22	17 34	4 18	4 49	11 14			n.a.
W18	16 59	8 2	1n 5	16 26	1 17	22 15	1 35	6 10	0 25	15 30	0 53	23 15	0 7	0 10	0 37	22 42	0 38	26 22	17 34	4 19	4 48	11 12			n.a.
T 19	16 42	11 46	2 13	15 48	1 12	22 20	1 30	5 53	0 24	15 32	0 53	23 15	0 7	0 8	0 37	22 42	0 38	26 23	17 34	4 19	4 47	11 11			n.a.
F 20	16 24	14 49	3 13	15 9	1 6	22 24	1 25	5 36	0 24	15 33	0 53	23 15	0 7	0 7	0 37	22 42	0 38	26 24	17 34	4 19	4 46	11 9			n.a.
S 21	16 6	17 2	4 1	14 29	1 1	22 27	1 21	5 19	0 23	15 34	0 53	23 15	0 6	0 6	0 37	22 42	0 38	26 24	17 34	4 18	4 44	11 8			n.a.
S 22	15 48	18 23	4 36	13 49	0 55	22 30	1 16	5 1	0 22	15 36	0 53	23 15	0 6	0 5	0 37	22 42	0 37	26 25	17 34	4 17	4 43	11 6			n.a.
M23	15 29	18 49	4 58	13 9	0 49	22 32	1 12	4 44	0 21	15 37	0 53	23 15	0 6	0 4	0 37	22 42	0 37	26 25	17 34	4 15	4 42	11 4			n.a.
T 24	15 11	18 24	5 6	12 28	0 43	22 34	1 7	4 27	0 21	15 38	0 53	23 15	0 6	0 2	0 37	22 42	0 37	26 26	17 34	4 12	4 41	11 3			n.a.
W25	14 52	17 9	5 1	11 47	0 37	22 35	1 3	4 10	0 20	15 39	0 54	23 15	0 6	0 1	0 37	22 42	0 37	26 26	17 34	4 8	4 39	11 1			n.a.
T 26	14 32	15 10	4 42	11 5	0 30	22 35	0 59	3 52	0 19	15 40	0 54	23 15	0 6	0s 0	0 37	22 42	0 37	26 27	17 35	4 4	4 38	11 0			n.a.
F 27	14 13	12 33	4 11	10 24	0 24	22 35	0 54	3 35	0 19	15 41	0 54	23 15	0 6	0 1	0 37	22 42	0 37	26 27	17 35	4 1	4 37	10 58			n.a.
S 28	13 53	9 26	3 30	9 42	0 17	22 34	0 50	3 17	0 18	15 42	0 54	23 15	0 6	0 3	0 37	22 42	0 37	26 28	17 35	3 57	4 35	10 56			n.a.
S 29	13 33	5 57	2 39	9 0	0 10	22 33	0 45	3 0	0 17	15 43	0 54	23 16	0 6	0 4	0 37	22 42	0 37	26 28	17 35	3 55	4 34	10 55			n.a.
M30	13 13	2 12	1 41	8 18	0 3	22 31	0 41	2 42	0 17	15 44	0 54	23 16	0 6	0 5	0 37	22 42	0 37	26 29	17 35	3 53	4 33	10 53			n.a.
T 31	12n53	1n39	0n38	7n36	0s 4	22n28	0s37	2n25	0n16	15n45	0s54	23s16	0n 5	0s 7	0n37	22s42	0n37	26s29	17s35	3s52	4s32	10s52			n.a.

Julian Day Number = 1308172.5, Delta T = 07h44m04s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'35, Lahiri = -19°34'35 Julian Calendar 1 Aug. 1132 BCE == Greg. Calendar 21 July 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

SEPTEMBER 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 58 9	27♌30'39	14♈42	12♍18	15♋ 9	25♍20	15♉ 3	18°R52	1♎44	18°R29	3°R50	9°D37	11♎13	21♒33	n.a.	W 1
T 2	22 2 6	28°30'06	26°57	13°50	16°17	26° 2	15° 5	18♐52	1°47	18♐28	3♓49	9♎38	11°10	21°40	n.a.	T 2
F 3	22 6 2	29°29'37	9♉25	15°21	17°27	26°45	15° 8	18°51	1°50	18°28	3°48	9°40	11° 7	21°47	n.a.	F 3
S 4	22 9 59	0♍29'10	22°12	16°51	18°36	27°27	15°10	18°D51	1°54	18°28	3°47	9°41	11° 3	21°53	n.a.	S 4
S 5	22 13 55	1°28'45	5♊21	18°21	19°45	28°10	15°11	18°51	1°57	18°28	3°46	9°R41	11° 0	22° 0	n.a.	S 5
M 6	22 17 52	2°28'23	18°56	19°49	20°55	28°52	15°13	18°52	2° 0	18°27	3°45	9°40	10°57	22° 7	n.a.	M 6
T 7	22 21 49	3°28'03	2♋58	21°17	22° 5	29°35	15°14	18°52	2° 4	18°27	3°43	9°37	10°54	22°14	n.a.	T 7
W 8	22 25 45	4°27'46	17°26	22°45	23°14	0♎18	15°16	18°52	2° 7	18°27	3°42	9°33	10°51	22°20	n.a.	W 8
T 9	22 29 42	5°27'31	2♌17	24°11	24°25	1° 0	15°17	18°53	2°11	18°27	3°41	9°28	10°48	22°27	n.a.	T 9
F 10	22 33 38	6°27'18	17°24	25°37	25°35	1°43	15°17	18°53	2°14	18°27	3°40	9°23	10°44	22°34	n.a.	F 10
S 11	22 37 35	7°27'08	2♍38	27° 2	26°45	2°26	15°18	18°54	2°18	18°D27	3°39	9°19	10°41	22°40	n.a.	S 11
S 12	22 41 31	8°26'59	17°48	28°26	27°56	3° 9	15°18	18°55	2°21	18°27	3°38	9°16	10°38	22°47	n.a.	S 12
M13	22 45 28	9°26'53	2♎45	29°49	29° 6	3°52	15°19	18°56	2°25	18°27	3°36	9°D15	10°35	22°54	n.a.	M13
T 14	22 49 24	10°26'49	17°21	1♎11	0♌17	4°36	15°R19	18°57	2°28	18°27	3°35	9°15	10°32	23° 0	n.a.	T 14
W15	22 53 21	11°26'46	1♏32	2°32	1°28	5°19	15°18	18°58	2°32	18°27	3°34	9°16	10°29	23° 7	n.a.	W15
T 16	22 57 17	12°26'46	15°14	3°52	2°39	6° 2	15°18	18°59	2°35	18°28	3°33	9°17	10°25	23°14	n.a.	T 16
F 17	23 1 14	13°26'47	28°31	5°11	3°50	6°45	15°17	19° 1	2°39	18°28	3°32	9°19	10°22	23°20	n.a.	F 17
S 18	23 5 11	14°26'50	11♐23	6°29	5° 1	7°29	15°17	19° 2	2°42	18°28	3°31	9°R20	10°19	23°27	n.a.	S 18
S 19	23 9 7	15°26'55	23°55	7°45	6°13	8°12	15°16	19° 4	2°46	18°28	3°29	9°19	10°16	23°34	n.a.	S 19
M20	23 13 4	16°27'01	6♑11	9° 0	7°24	8°56	15°14	19° 5	2°50	18°29	3°28	9°18	10°13	23°40	n.a.	M20
T 21	23 17 0	17°27'09	18°15	10°14	8°36	9°39	15°13	19° 7	2°53	18°29	3°27	9°16	10° 9	23°47	n.a.	T 21
W22	23 20 57	18°27'19	0♒11	11°25	9°47	10°23	15°11	19° 9	2°57	18°29	3°26	9°12	10° 6	23°54	n.a.	W22
T 23	23 24 53	19°27'31	12° 2	12°35	10°59	11° 6	15°10	19°11	3° 1	18°30	3°25	9° 9	10° 3	24° 1	n.a.	T 23
F 24	23 28 50	20°27'45	23°53	13°43	12°11	11°50	15° 8	19°13	3° 4	18°30	3°24	9° 6	10° 0	24° 7	n.a.	F 24
S 25	23 32 46	21°28'00	5♓44	14°49	13°23	12°34	15° 5	19°15	3° 8	18°31	3°23	9° 3	9°57	24°14	n.a.	S 25
S 26	23 36 43	22°28'17	17°39	15°51	14°35	13°18	15° 3	19°17	3°12	18°31	3°22	9° 1	9°54	24°21	n.a.	S 26
M27	23 40 39	23°28'36	29°39	16°51	15°48	14° 2	15° 0	19°19	3°16	18°32	3°21	9° 0	9°50	24°27	n.a.	M27
T 28	23 44 36	24°28'57	11♈46	17°48	17° 0	14°46	14°58	19°22	3°19	18°32	3°19	9°D 0	9°47	24°34	n.a.	T 28
W29	23 48 33	25°29'19	24° 2	18°41	18°12	15°30	14°55	19°24	3°23	18°33	3°18	9° 0	9°44	24°41	n.a.	W29
T 30	23 52 29	26♍29'44	6♉29	19♎30	19♌25	16♎14	14♉51	19♐27	3♎27	18♐33	3♓17	9♎ 1	9♎41	24♒47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n32	5n28	0s28	6n54	0s11	22n25	0s32	2n 7	0n15	15n45	0s54	23s16	0n 5	0s 8	0n37	22s42	0n37	26s30	17s35	3s52	4s30	10s50		n.a.
T 2	12 11	9 6	1 33	6 11	0 18	22 21	0 28	1 49	0 14	15 46	0 54	23 16	0 5	0 9	0 37	22 42	0 37	26 30	17 35	3 53	4 29	10 48		n.a.
F 3	11 50	12 25	2 35	5 29	0 25	22 16	0 24	1 31	0 14	15 47	0 54	23 16	0 5	0 11	0 37	22 42	0 37	26 31	17 35	3 53	4 28	10 47		n.a.
S 4	11 29	15 13	3 31	4 47	0 32	22 11	0 20	1 14	0 13	15 47	0 54	23 16	0 5	0 12	0 37	22 42	0 37	26 31	17 35	3 54	4 27	10 45		n.a.
S 5	11 7	17 19	4 18	4 5	0 39	22 5	0 16	0 56	0 12	15 48	0 54	23 16	0 5	0 13	0 37	22 42	0 37	26 32	17 35	3 54	4 25	10 44		n.a.
M 6	10 46	18 31	4 52	3 23	0 46	21 59	0 12	0 38	0 12	15 48	0 54	23 16	0 5	0 15	0 37	22 42	0 37	26 32	17 35	3 53	4 24	10 42		n.a.
T 7	10 24	18 38	5 10	2 42	0 53	21 52	0 8	0 20	0 11	15 48	0 54	23 16	0 5	0 16	0 37	22 42	0 37	26 33	17 35	3 52	4 23	10 40		n.a.
W 8	10 2	17 34	5 9	2 0	1 0	21 44	0 4	0 2	0 10	15 49	0 54	23 16	0 5	0 18	0 37	22 42	0 37	26 33	17 35	3 51	4 22	10 39		n.a.
T 9	9 40	15 18	4 48	1 19	1 7	21 35	0n 0	0s16	0 10	15 49	0 54	23 17	0 5	0 19	0 37	22 42	0 37	26 33	17 35	3 49	4 20	10 37		n.a.
F 10	9 17	11 58	4 6	0 38	1 14	21 26	0 4	0 34	0 9	15 49	0 54	23 17	0 5	0 20	0 37	22 42	0 37	26 34	17 35	3 47	4 19	10 35		n.a.
S 11	8 55	7 48	3 7	0s 2	1 21	21 17	0 8	0 52	0 8	15 49	0 54	23 17	0 4	0 22	0 37	22 42	0 37	26 34	17 35	3 45	4 18	10 34		n.a.
S 12	8 32	3 8	1 55	0 42	1 28	21 6	0 12	1 10	0 7	15 49	0 54	23 17	0 4	0 23	0 37	22 42	0 37	26 35	17 35	3 44	4 17	10 32		n.a.
M13	8 9	1s39	0 36	1 22	1 34	20 55	0 16	1 28	0 7	15 49	0 55	23 17	0 4	0 25	0 37	22 42	0 37	26 35	17 35	3 43	4 15	10 31		n.a.
T 14	7 46	6 14	0n44	2 1	1 41	20 44	0 19	1 46	0 6	15 49	0 55	23 17	0 4	0 26	0 37	22 42	0 37	26 36	17 35	3 43	4 14	10 29		n.a.
W15	7 23	10 20	1 59	2 40	1 48	20 32	0 23	2 4	0 5	15 49	0 55	23 18	0 4	0 28	0 37	22 42	0 37	26 36	17 35	3 44	4 13	10 27		n.a.
T 16	7 0	13 43	3 5	3 18	1 54	20 19	0 26	2 22	0 5	15 49	0 55	23 18	0 4	0 29	0 37	22 42	0 37	26 36	17 35	3 44	4 11	10 26		n.a.
F 17	6 37	16 16	3 59	3 55	2 0	20 5	0 30	2 40	0 4	15 49	0 55	23 18	0 4	0 31	0 37	22 43	0 37	26 37	17 35	3 45	4 10	10 24		n.a.
S 18	6 13	17 55	4 38	4 32	2 6	19 51	0 33	2 58	0 3	15 49	0 55	23 18	0 4	0 32	0 37	22 43	0 37	26 37	17 35	3 45	4 9	10 22		n.a.
S 19	5 50	18 38	5 4	5 8	2 12	19 37	0 37	3 16	0 3	15 48	0 55	23 18	0 4	0 34	0 37	22 43	0 37	26 37	17 35	3 45	4 8	10 21		n.a.
M20	5 26	18 27	5 14	5 43	2 17	19 22	0 40	3 34	0 2	15 48	0 55	23 19	0 4	0 35	0 37	22 43	0 37	26 38	17 34	3 45	4 6	10 19		n.a.
T 21	5 2	17 25	5 11	6 17	2 22	19 6	0 43	3 52	0 1	15 47	0 55	23 19	0 4	0 36	0 37	22 43	0 36	26 38	17 34	3 44	4 5	10 18		n.a.
W22	4 38	15 39	4 54	6 51	2 27	18 50	0 46	4 10	0 1	15 47	0 55	23 19	0 3	0 38	0 37	22 43	0 36	26 38	17 34	3 42	4 4	10 16		n.a.
T 23	4 14	13 13	4 25	7 23	2 32	18 33	0 49	4 28	0s 0	15 46	0 55	23 19	0 3	0 39	0 37	22 43	0 36	26 39	17 34	3 41	4 3	10 14		n.a.
F 24	3 50	10 15	3 44	7 53	2 36	18 15	0 52	4 46	0 1	15 46	0 55	23 20	0 3	0 41	0 37	22 43	0 36	26 39	17 34	3 40	4 1	10 13		n.a.
S 25	3 26	6 52	2 54	8 23	2 40	17 57	0 55	5 4	0 2	15 45	0 55	23 20	0 3	0 42	0 37	22 43	0 36	26 39	17 34	3 39	4 0	10 11		n.a.
S 26	3 2	3 11	1 55	8 51	2 43	17 39	0 58	5 22	0 2	15 44	0 55	23 20	0 3	0 44	0 37	22 43	0 36	26 40	17 34	3 38	3 59	10 9		n.a.
M27	2 38	0n39	0 52	9 17	2 46	17 20	1 1	5 40	0 3	15 43	0 55	23 20	0 3	0 45	0 37	22 43	0 36	26 40	17 34	3 37	3 58	10 8		n.a.
T 28	2 14	4 29	0s15	9 41	2 49	17 0	1 4	5 58	0 4	15 43	0 55	23 21	0 3	0 47	0 37	22 43	0 36	26 40	17 34	3 37	3 56	10 6		n.a.
W29	1 49	8 12	1 22	10 3	2 50	16 40	1 6	6 16	0 4	15 42	0 55	23 21	0 3	0 49	0 37	22 43	0 36	26 41	17 33	3 37	3 55	10 4		n.a.
T 30	1n25	11n36	2s27	10s23	2s51	16n19	1n 9	6s34	0s 5	15n41	0s55	23s21	0n 3	0s50	0n37	22s43	0n36	26s41	17s33	3s38	3s54	10s 3		n.a.

Julian Day Number = 1308203.5, Delta T = 07h44m03s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'31, Lahiri = -19°34'31 Julian Calendar 1 Sept. 1132 BCE == Greg. Calendar 21 Aug. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

OCTOBER 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 56 26	27♍30'11	19♉ 8	20♎15	20♌38	16♎58	14°R48	19♐29	3♎30	18♐34	3°R16	9♎ 2	9♎38	24♒54	n.a.	F 1
S 2	0 0 22	28°30'40	2♊ 3	20°55	21°50	17°42	14♉45	19°32	3°34	18°35	3♓15	9° 3	9°35	25° 1	n.a.	S 2
S 3	0 4 19	29°31'11	15°14	21°29	23° 3	18°26	14°41	19°35	3°38	18°35	3°14	9° 4	9°31	25° 7	n.a.	S 3
M 4	0 8 15	0♎31'44	28°45	21°56	24°16	19°11	14°37	19°38	3°42	18°36	3°13	9°R 4	9°28	25°14	n.a.	M 4
T 5	0 12 12	1°32'19	12♋37	22°17	25°29	19°55	14°33	19°41	3°46	18°37	3°12	9° 4	9°25	25°21	n.a.	T 5
W 6	0 16 8	2°32'56	26°49	22°31	26°42	20°40	14°28	19°44	3°49	18°38	3°11	9° 4	9°22	25°27	n.a.	W 6
T 7	0 20 5	3°33'34	11♌19	22°R35	27°55	21°24	14°24	19°47	3°53	18°39	3°10	9° 3	9°19	25°34	n.a.	T 7
F 8	0 24 2	4°34'15	26° 4	22°31	29° 9	22° 9	14°19	19°51	3°57	18°40	3° 9	9° 3	9°15	25°41	n.a.	F 8
S 9	0 27 58	5°34'58	10♍58	22°17	0♍22	22°53	14°14	19°54	4° 1	18°41	3° 8	9° 2	9°12	25°47	n.a.	S 9
S 10	0 31 55	6°35'42	25°52	21°54	1°35	23°38	14° 9	19°58	4° 4	18°42	3° 7	9° 2	9° 9	25°54	n.a.	S 10
M11	0 35 51	7°36'28	10♎41	21°19	2°49	24°23	14° 4	20° 1	4° 8	18°43	3° 6	9°D 2	9° 6	26° 1	n.a.	M11
T 12	0 39 48	8°37'15	25°14	20°34	4° 2	25° 7	13°59	20° 5	4°12	18°44	3° 5	9°R 2	9° 3	26° 8	n.a.	T 12
W13	0 43 44	9°38'04	9♏28	19°40	5°16	25°52	13°53	20° 9	4°16	18°45	3° 4	9° 2	9° 0	26°14	n.a.	W13
T 14	0 47 41	10°38'54	23°17	18°36	6°30	26°37	13°48	20°13	4°19	18°46	3° 4	9° 2	8°56	26°21	n.a.	T 14
F 15	0 51 37	11°39'45	6♐41	17°24	7°43	27°22	13°42	20°17	4°23	18°47	3° 3	9° 2	8°53	26°28	n.a.	F 15
S 16	0 55 34	12°40'38	19°40	16° 7	8°57	28° 7	13°36	20°21	4°27	18°48	3° 2	9° 1	8°50	26°34	n.a.	S 16
S 17	0 59 31	13°41'31	2♑17	14°46	10°11	28°52	13°30	20°25	4°31	18°49	3° 1	9° 1	8°47	26°41	n.a.	S 17
M18	1 3 27	14°42'26	14°35	13°24	11°25	29°37	13°24	20°29	4°34	18°50	3° 0	9°D 1	8°44	26°48	n.a.	M18
T 19	1 7 24	15°43'22	26°40	12° 3	12°39	0♏22	13°17	20°33	4°38	18°52	2°59	9° 1	8°40	26°54	n.a.	T 19
W20	1 11 20	16°44'18	8♒35	10°48	13°53	1° 7	13°11	20°37	4°42	18°53	2°58	9° 2	8°37	27° 1	n.a.	W20
T 21	1 15 17	17°45'16	20°25	9°39	15° 7	1°53	13° 4	20°42	4°45	18°54	2°58	9° 2	8°34	27° 8	n.a.	T 21
F 22	1 19 13	18°46'15	2♓15	8°39	16°21	2°38	12°57	20°46	4°49	18°55	2°57	9° 3	8°31	27°14	n.a.	F 22
S 23	1 23 10	19°47'14	14° 8	7°50	17°35	3°23	12°50	20°51	4°53	18°57	2°56	9° 4	8°28	27°21	n.a.	S 23
S 24	1 27 6	20°48'15	26° 8	7°11	18°50	4° 9	12°43	20°56	4°56	18°58	2°55	9° 5	8°25	27°28	n.a.	S 24
M25	1 31 3	21°49'16	8♈18	6°45	20° 4	4°54	12°36	21° 0	5° 0	19° 0	2°55	9°R 6	8°21	27°34	n.a.	M25
T 26	1 35 0	22°50'19	20°39	6°29	21°18	5°40	12°29	21° 5	5° 4	19° 1	2°54	9° 5	8°18	27°41	n.a.	T 26
W27	1 38 56	23°51'22	3♉12	6°D25	22°32	6°25	12°22	21°10	5° 7	19° 3	2°53	9° 4	8°15	27°48	n.a.	W27
T 28	1 42 53	24°52'27	15°59	6°31	23°47	7°11	12°14	21°15	5°11	19° 4	2°53	9° 2	8°12	27°54	n.a.	T 28
F 29	1 46 49	25°53'33	28°59	6°47	25° 1	7°56	12° 7	21°20	5°15	19° 6	2°52	9° 0	8° 9	28° 1	n.a.	F 29
S 30	1 50 46	26°54'40	12♊13	7°12	26°16	8°42	11°59	21°25	5°18	19° 7	2°51	8°57	8° 6	28° 8	n.a.	S 30
S 31	1 54 42	27♎55'48	25♊40	7♎45	27♍30	9♏28	11♉51	21♐30	5♎22	19♐ 9	2♓51	8♎55	8♎ 2	28♒14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 0	14n30	3s25	10s41	2s52	15n58	1n11	6s51	0s 6	15n40	0s55	23s22	0n 3	0s52	0n37	22s44	0n36	26s41	17s33	3s38	3s52	10s 1		n.a.
S 2	0 36	16 46	4 14	10 55	2 51	15 37	1 13	7 9	0 6	15 39	0 55	23 22	0 3	0 53	0 37	22 44	0 36	26 41	17 33	3 39	3 51	9 59		n.a.
S 3	0 12	18 11	4 51	11 7	2 49	15 15	1 16	7 27	0 7	15 38	0 55	23 22	0 2	0 55	0 37	22 44	0 36	26 42	17 33	3 39	3 50	9 58		n.a.
M 4	0s13	18 37	5 12	11 15	2 47	14 52	1 18	7 45	0 8	15 36	0 55	23 23	0 2	0 56	0 37	22 44	0 36	26 42	17 33	3 39	3 49	9 56		n.a.
T 5	0 37	17 58	5 17	11 20	2 43	14 29	1 20	8 2	0 8	15 35	0 55	23 23	0 2	0 58	0 37	22 44	0 36	26 42	17 32	3 39	3 47	9 55		n.a.
W 6	1 2	16 11	5 3	11 20	2 38	14 6	1 22	8 20	0 9	15 34	0 55	23 23	0 2	0 59	0 37	22 44	0 36	26 42	17 32	3 39	3 46	9 53		n.a.
T 7	1 26	13 22	4 29	11 16	2 31	13 42	1 24	8 38	0 10	15 32	0 55	23 24	0 2	1 1	0 37	22 44	0 36	26 43	17 32	3 39	3 45	9 51		n.a.
F 8	1 51	9 38	3 37	11 7	2 23	13 18	1 26	8 55	0 10	15 31	0 55	23 24	0 2	1 2	0 37	22 44	0 36	26 43	17 32	3 38	3 44	9 50		n.a.
S 9	2 15	5 16	2 30	10 53	2 14	12 53	1 28	9 13	0 11	15 30	0 55	23 24	0 2	1 4	0 37	22 44	0 36	26 43	17 32	3 38	3 42	9 48		n.a.
S 10	2 40	0 34	1 13	10 33	2 2	12 28	1 30	9 30	0 12	15 28	0 55	23 25	0 2	1 5	0 37	22 44	0 36	26 43	17 31	3 38	3 41	9 46		n.a.
M11	3 4	4s 9	0n 9	10 8	1 49	12 3	1 31	9 47	0 12	15 27	0 55	23 25	0 2	1 7	0 36	22 45	0 36	26 43	17 31	3 38	3 40	9 45		n.a.
T 12	3 28	8 33	1 29	9 37	1 35	11 37	1 33	10 5	0 13	15 25	0 55	23 25	0 2	1 8	0 36	22 45	0 36	26 43	17 31	3 38	3 38	9 43		n.a.
W13	3 53	12 20	2 41	9 1	1 18	11 11	1 34	10 22	0 14	15 23	0 55	23 26	0 2	1 10	0 36	22 45	0 36	26 44	17 31	3 38	3 37	9 41		n.a.
T 14	4 17	15 19	3 42	8 19	1 0	10 45	1 36	10 39	0 14	15 22	0 55	23 26	0 2	1 11	0 36	22 45	0 36	26 44	17 31	3 38	3 36	9 40		n.a.
F 15	4 41	17 22	4 29	7 34	0 41	10 18	1 37	10 56	0 15	15 20	0 55	23 26	0 1	1 13	0 36	22 45	0 36	26 44	17 30	3 38	3 35	9 38		n.a.
S 16	5 5	18 26	5 0	6 45	0 21	9 51	1 38	11 13	0 16	15 18	0 55	23 27	0 1	1 14	0 36	22 45	0 36	26 44	17 30	3 38	3 33	9 36		n.a.
S 17	5 29	18 33	5 16	5 54	0n 0	9 24	1 39	11 30	0 16	15 16	0 55	23 27	0 1	1 16	0 36	22 45	0 36	26 44	17 30	3 38	3 32	9 35		n.a.
M18	5 53	17 46	5 16	5 3	0 21	8 56	1 40	11 47	0 17	15 14	0 55	23 28	0 1	1 17	0 36	22 45	0 36	26 44	17 30	3 38	3 31	9 33		n.a.
T 19	6 17	16 13	5 3	4 13	0 41	8 28	1 41	12 4	0 18	15 13	0 55	23 28	0 1	1 19	0 36	22 46	0 36	26 44	17 29	3 38	3 30	9 31		n.a.
W20	6 41	13 58	4 37	3 25	1 0	8 0	1 42	12 20	0 18	15 11	0 55	23 28	0 1	1 20	0 36	22 46	0 36	26 44	17 29	3 38	3 28	9 30		n.a.
T 21	7 5	11 9	3 59	2 42	1 18	7 32	1 43	12 37	0 19	15 9	0 55	23 29	0 1	1 22	0 36	22 46	0 36	26 44	17 29	3 38	3 27	9 28		n.a.
F 22	7 28	7 53	3 11	2 3	1 34	7 3	1 43	12 53	0 20	15 7	0 55	23 29	0 1	1 23	0 36	22 46	0 36	26 44	17 29	3 39	3 26	9 26		n.a.
S 23	7 52	4 17	2 14	1 30	1 48	6 34	1 44	13 10	0 20	15 5	0 55	23 30	0 1	1 25	0 36	22 46	0 35	26 44	17 28	3 39	3 25	9 25		n.a.
S 24	8 15	0 28	1 11	1 3	2 1	6 5	1 45	13 26	0 21	15 2	0 55	23 30	0 1	1 26	0 36	22 46	0 35	26 45	17 28	3 39	3 23	9 23		n.a.
M25	8 38	3n25	0 4	0 43	2 11	5 36	1 45	13 42	0 22	15 0	0 55	23 30	0 1	1 28	0 36	22 46	0 35	26 45	17 28	3 40	3 22	9 21		n.a.
T 26	9 1	7 13	1s 4	0 29	2 19	5 7	1 45	13 58	0 22	14 58	0 54	23 31	0 1	1 29	0 37	22 47	0 35	26 45	17 27	3 39	3 21	9 20		n.a.
W27	9 24	10 45	2 10	0 22	2 26	4 37	1 46	14 14	0 23	14 56	0 54	23 31	0 0	1 31	0 37	22 47	0 35	26 45	17 27	3 39	3 19	9 18		n.a.
T 28	9 47	13 51	3 10	0 20	2 30	4 7	1 46	14 30	0 24	14 54	0 54	23 32	0 0	1 32	0 37	22 47	0 35	26 45	17 27	3 38	3 18	9 16		n.a.
F 29	10 10	16 19	4 2	0 24	2 33	3 37	1 46	14 46	0 24	14 51	0 54	23 32	0 0	1 33	0 37	22 47	0 35	26 44	17 27	3 37	3 17	9 15		n.a.
S 30	10 32	17 58	4 42	0 32	2 35	3 7	1 46	15 1	0 25	14 49	0 54	23 32	0 0	1 35	0 37	22 47	0 35	26 44	17 26	3 36	3 16	9 13		n.a.
S 31	10s54	18n38	5s 7	0s45	2n36	2n37	1n46	15s17	0s25	14n47	0s54	23s33	0n 0	1s36	0n37	22s47	0n35	26s44	17s26	3s35	3s14	9s11		n.a.

Julian Day Number = 1308233.5, Delta T = 07h44m01s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'27, Lahiri = -19°34'27 Julian Calendar 1 Oct. 1132 BCE == Greg. Calendar 20 Sept. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

NOVEMBER 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 58 39	28♎56'57	9♋19	8♎25	28♍45	10♏14	11°R44	21♐35	5♎25	19♐10	2°R50	8°R53	7♎59	28♒21	n.a.	M 1
T 2	2 2 35	29°58'07	23°10	9°11	29°59	10°59	11♉36	21°41	5°29	19°12	2♓50	8♎52	7°56	28°28	n.a.	T 2
W 3	2 6 32	0♏59'18	7♌12	10° 3	1♎14	11°45	11°28	21°46	5°32	19°13	2°49	8°D52	7°53	28°34	n.a.	W 3
T 4	2 10 29	2° 0'30	21°25	11° 0	2°29	12°31	11°20	21°52	5°36	19°15	2°49	8°53	7°50	28°41	n.a.	T 4
F 5	2 14 25	3° 1'43	5♍45	12° 1	3°43	13°17	11°12	21°57	5°39	19°17	2°48	8°54	7°46	28°48	n.a.	F 5
S 6	2 18 22	4° 2'58	20°11	13° 6	4°58	14° 3	11° 4	22° 3	5°43	19°19	2°48	8°55	7°43	28°55	n.a.	S 6
S 7	2 22 18	5° 4'12	4♎38	14°15	6°13	14°49	10°56	22° 8	5°46	19°20	2°47	8°R56	7°40	29° 1	n.a.	S 7
M 8	2 26 15	6° 5'28	19° 2	15°26	7°28	15°35	10°48	22°14	5°49	19°22	2°47	8°56	7°37	29° 8	n.a.	M 8
T 9	2 30 11	7° 6'44	3♏18	16°39	8°42	16°21	10°40	22°20	5°53	19°24	2°46	8°54	7°34	29°15	n.a.	T 9
W10	2 34 8	8° 8'01	17°20	17°55	9°57	17° 7	10°31	22°25	5°56	19°26	2°46	8°51	7°31	29°21	n.a.	W10
T 11	2 38 4	9° 9'19	1♐ 3	19°13	11°12	17°54	10°23	22°31	5°59	19°27	2°45	8°46	7°27	29°28	n.a.	T 11
F 12	2 42 1	10°10'36	14°27	20°32	12°27	18°40	10°15	22°37	6° 3	19°29	2°45	8°41	7°24	29°35	n.a.	F 12
S 13	2 45 58	11°11'54	27°28	21°53	13°42	19°26	10° 7	22°43	6° 6	19°31	2°45	8°36	7°21	29°41	n.a.	S 13
S 14	2 49 54	12°13'12	10♑ 8	23°15	14°57	20°13	9°59	22°49	6° 9	19°33	2°44	8°31	7°18	29°48	n.a.	S 14
M15	2 53 51	13°14'30	22°30	24°38	16°12	20°59	9°51	22°55	6°12	19°35	2°44	8°27	7°15	29°55	n.a.	M15
T 16	2 57 47	14°15'48	4♒36	26° 3	17°27	21°45	9°42	23° 1	6°16	19°37	2°44	8°25	7°11	0♓ 1	n.a.	T 16
W17	3 1 44	15°17'06	16°32	27°28	18°42	22°32	9°34	23° 7	6°19	19°39	2°44	8°D24	7° 8	0° 8	n.a.	W17
T 18	3 5 40	16°18'24	28°22	28°54	19°57	23°18	9°26	23°14	6°22	19°41	2°43	8°25	7° 5	0°15	n.a.	T 18
F 19	3 9 37	17°19'42	10♓11	0♏20	21°11	24° 5	9°18	23°20	6°25	19°43	2°43	8°27	7° 2	0°21	n.a.	F 19
S 20	3 13 33	18°20'59	22° 5	1°47	22°26	24°51	9°10	23°26	6°28	19°45	2°43	8°29	6°59	0°28	n.a.	S 20
S 21	3 17 30	19°22'16	4♈ 9	3°15	23°41	25°38	9° 2	23°33	6°31	19°47	2°43	8°R30	6°56	0°35	n.a.	S 21
M22	3 21 27	20°23'34	16°26	4°44	24°56	26°24	8°54	23°39	6°34	19°49	2°43	8°29	6°52	0°41	n.a.	M22
T 23	3 25 23	21°24'51	28°58	6°12	26°11	27°11	8°47	23°45	6°37	19°51	2°43	8°27	6°49	0°48	n.a.	T 23
W24	3 29 20	22°26'07	11♉49	7°42	27°26	27°58	8°39	23°52	6°40	19°53	2°43	8°23	6°46	0°55	n.a.	W24
T 25	3 33 16	23°27'24	24°58	9°12	28°41	28°44	8°31	23°58	6°43	19°55	2°43	8°17	6°43	1° 1	n.a.	T 25
F 26	3 37 13	24°28'40	8♊25	10°42	29°56	29°31	8°24	24° 5	6°46	19°57	2°42	8° 9	6°40	1° 8	n.a.	F 26
S 27	3 41 9	25°29'57	22° 6	12°12	1♏11	0♐18	8°16	24°12	6°48	19°59	2°D42	8° 0	6°37	1°15	n.a.	S 27
S 28	3 45 6	26°31'13	5♋58	13°43	2°27	1° 4	8° 9	24°18	6°51	20° 1	2°42	7°52	6°33	1°21	n.a.	S 28
M29	3 49 3	27°32'29	19°59	15°15	3°42	1°51	8° 1	24°25	6°54	20° 3	2°43	7°46	6°30	1°28	n.a.	M29
T 30	3 52 59	28♏33'46	4♌ 4	16♏47	4♏57	2♐38	7♉54	24♐32	6♎57	20♐ 6	2♓43	7♎41	6♎27	1♓35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s17	18n15	5s15	1s 1	2n35	2n 7	1n46	15s32	0s26	14n45	0s54	23s33	0n 0	1s38	0n37	22s48	0n35	26s44	17s26	3s35	3s13	9s 9		n.a.
T 2	11 39	16 47	5 6	1 21	2 33	1 37	1 45	15 47	0 27	14 42	0 54	23 34	0s 0	1 39	0 37	22 48	0 35	26 44	17 25	3 34	3 12	9 8		n.a.
W 3	12 0	14 17	4 38	1 45	2 31	1 6	1 45	16 2	0 27	14 40	0 54	23 34	0 0	1 41	0 37	22 48	0 35	26 44	17 25	3 34	3 10	9 6		n.a.
T 4	12 22	10 55	3 53	2 10	2 27	0 36	1 45	16 17	0 28	14 37	0 54	23 35	0 0	1 42	0 37	22 48	0 35	26 44	17 25	3 34	3 9	9 4		n.a.
F 5	12 43	6 53	2 53	2 38	2 23	0 5	1 44	16 32	0 29	14 35	0 54	23 35	0 0	1 43	0 37	22 48	0 35	26 44	17 24	3 35	3 8	9 3		n.a.
S 6	13 4	2 24	1 41	3 8	2 19	0s25	1 44	16 47	0 29	14 33	0 53	23 35	0 0	1 45	0 37	22 48	0 35	26 44	17 24	3 36	3 7	9 1		n.a.
S 7	13 25	2s14	0 24	3 39	2 14	0 56	1 43	17 1	0 30	14 30	0 53	23 36	0 0	1 46	0 37	22 49	0 35	26 44	17 24	3 36	3 5	8 59		n.a.
M 8	13 46	6 43	0n55	4 12	2 8	1 27	1 42	17 15	0 30	14 28	0 53	23 36	0 1	1 47	0 37	22 49	0 35	26 44	17 23	3 36	3 4	8 58		n.a.
T 9	14 6	10 47	2 10	4 46	2 2	1 57	1 42	17 29	0 31	14 25	0 53	23 37	0 1	1 49	0 37	22 49	0 35	26 43	17 23	3 35	3 3	8 56		n.a.
W10	14 27	14 10	3 15	5 21	1 56	2 28	1 41	17 43	0 32	14 23	0 53	23 37	0 1	1 50	0 37	22 49	0 35	26 43	17 23	3 34	3 2	8 54		n.a.
T 11	14 47	16 40	4 8	5 57	1 50	2 58	1 40	17 57	0 32	14 20	0 53	23 37	0 1	1 51	0 37	22 49	0 35	26 43	17 22	3 32	3 0	8 53		n.a.
F 12	15 6	18 11	4 45	6 34	1 43	3 29	1 39	18 11	0 33	14 18	0 53	23 38	0 1	1 53	0 37	22 49	0 35	26 43	17 22	3 30	2 59	8 51		n.a.
S 13	15 26	18 42	5 6	7 10	1 36	3 59	1 38	18 24	0 33	14 15	0 52	23 38	0 1	1 54	0 37	22 50	0 35	26 43	17 22	3 28	2 58	8 49		n.a.
S 14	15 45	18 15	5 12	7 48	1 29	4 30	1 37	18 38	0 34	14 13	0 52	23 39	0 1	1 55	0 37	22 50	0 35	26 43	17 21	3 26	2 56	8 48		n.a.
M15	16 4	16 56	5 3	8 25	1 22	5 0	1 36	18 51	0 35	14 11	0 52	23 39	0 1	1 57	0 37	22 50	0 35	26 42	17 21	3 24	2 55	8 46		n.a.
T 16	16 23	14 53	4 40	9 3	1 15	5 30	1 34	19 4	0 35	14 8	0 52	23 40	0 1	1 58	0 37	22 50	0 35	26 42	17 21	3 23	2 54	8 44		n.a.
W17	16 41	12 14	4 6	9 41	1 8	6 1	1 33	19 16	0 36	14 6	0 52	23 40	0 1	1 59	0 37	22 50	0 35	26 42	17 20	3 23	2 53	8 42		n.a.
T 18	16 59	9 5	3 21	10 19	1 1	6 31	1 32	19 29	0 36	14 3	0 52	23 40	0 1	2 0	0 37	22 50	0 35	26 42	17 20	3 23	2 51	8 41		n.a.
F 19	17 17	5 35	2 28	10 56	0 53	7 0	1 30	19 41	0 37	14 1	0 52	23 41	0 1	2 2	0 37	22 51	0 35	26 41	17 19	3 24	2 50	8 39		n.a.
S 20	17 34	1 50	1 28	11 34	0 46	7 30	1 29	19 54	0 37	13 58	0 51	23 41	0 1	2 3	0 37	22 51	0 35	26 41	17 19	3 25	2 49	8 37		n.a.
S 21	17 51	2n 2	0 24	12 11	0 39	8 0	1 27	20 6	0 38	13 56	0 51	23 42	0 2	2 4	0 37	22 51	0 35	26 41	17 19	3 25	2 48	8 36		n.a.
M22	18 8	5 54	0s43	12 49	0 32	8 29	1 25	20 17	0 39	13 54	0 51	23 42	0 2	2 5	0 37	22 51	0 35	26 41	17 18	3 25	2 46	8 34		n.a.
T 23	18 24	9 36	1 49	13 25	0 24	8 58	1 24	20 29	0 39	13 51	0 51	23 42	0 2	2 6	0 37	22 51	0 35	26 40	17 18	3 24	2 45	8 32		n.a.
W24	18 41	12 55	2 51	14 2	0 17	9 27	1 22	20 40	0 40	13 49	0 51	23 43	0 2	2 8	0 37	22 51	0 35	26 40	17 18	3 23	2 44	8 30		n.a.
T 25	18 56	15 41	3 45	14 38	0 10	9 56	1 20	20 51	0 40	13 47	0 50	23 43	0 2	2 9	0 37	22 52	0 35	26 40	17 17	3 20	2 42	8 29		n.a.
F 26	19 12	17 40	4 27	15 13	0 3	10 25	1 19	21 2	0 41	13 44	0 50	23 43	0 2	2 10	0 37	22 52	0 35	26 39	17 17	3 17	2 41	8 27		n.a.
S 27	19 27	18 40	4 56	15 49	0s 4	10 53	1 17	21 13	0 41	13 42	0 50	23 44	0 2	2 11	0 37	22 52	0 35	26 39	17 17	3 14	2 40	8 25		n.a.
S 28	19 41	18 35	5 7	16 23	0 11	11 21	1 15	21 23	0 42	13 40	0 50	23 44	0 2	2 12	0 37	22 52	0 35	26 39	17 16	3 10	2 39	8 24		n.a.
M29	19 56	17 22	5 0	16 57	0 17	11 49	1 13	21 33	0 42	13 38	0 50	23 45	0 2	2 13	0 37	22 52	0 35	26 38	17 16	3 8	2 37	8 22		n.a.
T 30	20s10	15n 5	4s36	17s30	0s24	12s16	1n11	21s43	0s43	13n35	0s49	23s45	0s 2	2s14	0n37	22s53	0n35	26s38	17s15	3s 6	2s36	8s20		n.a.

Julian Day Number = 1308264.5, Delta T = 07h43m59s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'23, Lahiri = -19°34'22 Julian Calendar 1 Nov. 1132 BCE == Greg. Calendar 21 Oct. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1132 BCE
geocentric

DECEMBER 1132 BCE (-1131) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 56 56	29♏35'02	18♌11	18♏19	6♏12	3♐25	7°R47	24♐38	6♎59	20♐ 8	2♓43	7°R38	6♎24	1♓41	n.a.	W 1
T 2	4 0 52	0♐36'17	2♍18	19°52	7°27	4°12	7♑40	24°45	7° 2	20°10	2°43	7°D37	6°21	1°48	n.a.	T 2
F 3	4 4 49	1°37'33	16°24	21°25	8°42	4°59	7°33	24°52	7° 4	20°12	2°43	7♎38	6°17	1°55	n.a.	F 3
S 4	4 8 45	2°38'49	0♎27	22°58	9°57	5°46	7°26	24°59	7° 7	20°14	2°43	7°R39	6°14	2° 1	n.a.	S 4
S 5	4 12 42	3°40'04	14°27	24°32	11°12	6°33	7°20	25° 6	7°10	20°16	2°43	7°39	6°11	2° 8	n.a.	S 5
M 6	4 16 38	4°41'19	28°23	26° 7	12°27	7°20	7°13	25°13	7°12	20°19	2°43	7°37	6° 8	2°15	n.a.	M 6
T 7	4 20 35	5°42'34	12♏11	27°42	13°42	8° 7	7° 7	25°19	7°14	20°21	2°44	7°32	6° 5	2°21	n.a.	T 7
W 8	4 24 32	6°43'48	25°49	29°17	14°57	8°54	7° 1	25°26	7°17	20°23	2°44	7°25	6° 2	2°28	n.a.	W 8
T 9	4 28 28	7°45'01	9♐15	0♐53	16°12	9°41	6°55	25°33	7°19	20°25	2°44	7°15	5°58	2°35	n.a.	T 9
F 10	4 32 25	8°46'14	22°26	2°30	17°27	10°28	6°49	25°40	7°21	20°28	2°44	7° 4	5°55	2°41	n.a.	F 10
S 11	4 36 21	9°47'26	5♑20	4° 6	18°42	11°15	6°43	25°47	7°24	20°30	2°45	6°52	5°52	2°48	n.a.	S 11
S 12	4 40 18	10°48'37	17°56	5°44	19°57	12° 2	6°37	25°54	7°26	20°32	2°45	6°41	5°49	2°55	n.a.	S 12
M13	4 44 14	11°49'47	0♒16	7°22	21°12	12°49	6°32	26° 1	7°28	20°34	2°45	6°32	5°46	3° 1	n.a.	M13
T 14	4 48 11	12°50'56	12°22	9° 0	22°28	13°36	6°27	26° 9	7°30	20°37	2°46	6°25	5°43	3° 8	n.a.	T 14
W15	4 52 8	13°52'04	24°18	10°39	23°43	14°23	6°22	26°16	7°32	20°39	2°46	6°20	5°39	3°15	n.a.	W15
T 16	4 56 4	14°53'10	6♓ 7	12°19	24°58	15°11	6°17	26°23	7°34	20°41	2°47	6°18	5°36	3°21	n.a.	T 16
F 17	5 0 1	15°54'16	17°56	14° 0	26°13	15°58	6°12	26°30	7°36	20°43	2°47	6°D18	5°33	3°28	n.a.	F 17
S 18	5 3 57	16°55'20	29°49	15°40	27°28	16°45	6° 7	26°37	7°38	20°46	2°47	6°R18	5°30	3°35	n.a.	S 18
S 19	5 7 54	17°56'22	11♈52	17°22	28°43	17°32	6° 3	26°44	7°40	20°48	2°48	6°18	5°27	3°41	n.a.	S 19
M20	5 11 50	18°57'24	24°11	19° 4	29°58	18°19	5°59	26°51	7°42	20°50	2°48	6°17	5°23	3°48	n.a.	M20
T 21	5 15 47	19°58'23	6♉49	20°47	1♐13	19° 7	5°54	26°59	7°43	20°52	2°49	6°13	5°20	3°55	n.a.	T 21
W22	5 19 43	20°59'22	19°50	22°30	2°28	19°54	5°51	27° 6	7°45	20°55	2°50	6° 6	5°17	4° 1	n.a.	W22
T 23	5 23 40	22° 0'19	3♊15	24°15	3°43	20°41	5°47	27°13	7°47	20°57	2°50	5°57	5°14	4° 8	n.a.	T 23
F 24	5 27 37	23° 1'15	17° 3	25°59	4°58	21°28	5°43	27°20	7°48	20°59	2°51	5°46	5°11	4°15	n.a.	F 24
S 25	5 31 33	24° 2'10	1♋10	27°45	6°12	22°16	5°40	27°27	7°50	21° 2	2°51	5°34	5° 8	4°21	n.a.	S 25
S 26	5 35 30	25° 3'04	15°32	29°30	7°27	23° 3	5°37	27°35	7°51	21° 4	2°52	5°22	5° 4	4°28	n.a.	S 26
M27	5 39 26	26° 3'56	0♌ 1	1♑17	8°42	23°50	5°34	27°42	7°53	21° 6	2°53	5°11	5° 1	4°35	n.a.	M27
T 28	5 43 23	27° 4'47	14°31	3° 4	9°57	24°37	5°31	27°49	7°54	21° 8	2°53	5° 3	4°58	4°41	n.a.	T 28
W29	5 47 19	28° 5'37	28°56	4°51	11°12	25°25	5°29	27°56	7°56	21°11	2°54	4°58	4°55	4°48	n.a.	W29
T 30	5 51 16	29° 6'26	13♍14	6°39	12°27	26°12	5°27	28° 3	7°57	21°13	2°55	4°56	4°52	4°55	n.a.	T 30
F 31	5 55 12	0♑ 7'13	27♍20	8♑27	13♐42	26♐59	5♑24	28♐11	7♎58	21♐15	2♓55	4♎55	4♎49	5♓ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20s23	11n55	3s54	18s 3	0s31	12s43	1n 9	21s53	0s43	13n33	0s49	23s45	0s 2	2s15	0n37	22s53	0n35	26s38	17s15	3s 5	2s35	8s18			n.a.
T 2	20 36	8 3	2 58	18 35	0 37	13 10	1 7	22 3	0 44	13 31	0 49	23 46	0 2	2 16	0 37	22 53	0 35	26 37	17 15	3 4	2 34	8 17			n.a.
F 3	20 49	3 45	1 52	19 6	0 43	13 37	1 5	22 12	0 44	13 29	0 49	23 46	0 2	2 17	0 37	22 53	0 34	26 37	17 14	3 5	2 32	8 15			n.a.
S 4	21 2	0s46	0 39	19 37	0 49	14 3	1 2	22 21	0 45	13 27	0 49	23 46	0 3	2 18	0 37	22 53	0 34	26 36	17 14	3 5	2 31	8 13			n.a.
S 5	21 14	5 14	0n36	20 6	0 55	14 29	1 0	22 30	0 45	13 25	0 48	23 47	0 3	2 19	0 37	22 53	0 34	26 36	17 14	3 5	2 30	8 12			n.a.
M 6	21 25	9 23	1 49	20 35	1 1	14 54	0 58	22 38	0 46	13 23	0 48	23 47	0 3	2 20	0 37	22 54	0 34	26 36	17 13	3 4	2 28	8 10			n.a.
T 7	21 36	12 59	2 54	21 3	1 7	15 19	0 56	22 47	0 46	13 21	0 48	23 47	0 3	2 21	0 37	22 54	0 34	26 35	17 13	3 2	2 27	8 8			n.a.
W 8	21 47	15 50	3 48	21 29	1 12	15 44	0 53	22 55	0 47	13 20	0 48	23 48	0 3	2 22	0 37	22 54	0 34	26 35	17 12	2 59	2 26	8 6			n.a.
T 9	21 57	17 46	4 29	21 55	1 17	16 8	0 51	23 3	0 47	13 18	0 47	23 48	0 3	2 23	0 37	22 54	0 34	26 34	17 12	2 55	2 25	8 5			n.a.
F 10	22 7	18 43	4 54	22 20	1 22	16 32	0 49	23 10	0 48	13 16	0 47	23 48	0 3	2 24	0 37	22 54	0 34	26 34	17 12	2 51	2 23	8 3			n.a.
S 11	22 17	18 40	5 3	22 44	1 27	16 56	0 46	23 17	0 48	13 14	0 47	23 49	0 3	2 25	0 37	22 55	0 34	26 33	17 11	2 46	2 22	8 1			n.a.
S 12	22 26	17 41	4 58	23 6	1 31	17 19	0 44	23 24	0 49	13 13	0 47	23 49	0 3	2 26	0 37	22 55	0 34	26 33	17 11	2 42	2 21	8 0			n.a.
M13	22 34	15 53	4 38	23 27	1 35	17 41	0 42	23 31	0 49	13 11	0 46	23 49	0 3	2 26	0 37	22 55	0 34	26 32	17 11	2 38	2 19	7 58			n.a.
T 14	22 42	13 26	4 6	23 47	1 39	18 3	0 39	23 38	0 50	13 10	0 46	23 49	0 3	2 27	0 37	22 55	0 34	26 32	17 10	2 35	2 18	7 56			n.a.
W15	22 50	10 26	3 24	24 6	1 43	18 25	0 37	23 44	0 50	13 8	0 46	23 50	0 3	2 28	0 37	22 55	0 34	26 31	17 10	2 33	2 17	7 54			n.a.
T 16	22 57	7 2	2 34	24 24	1 46	18 46	0 34	23 50	0 51	13 7	0 46	23 50	0 3	2 29	0 37	22 55	0 34	26 31	17 10	2 32	2 16	7 53			n.a.
F 17	23 4	3 22	1 36	24 39	1 49	19 6	0 32	23 55	0 51	13 5	0 46	23 50	0 3	2 30	0 37	22 56	0 34	26 30	17 9	2 32	2 14	7 51			n.a.
S 18	23 10	0n27	0 35	24 54	1 52	19 26	0 29	24 1	0 52	13 4	0 45	23 51	0 4	2 30	0 37	22 56	0 34	26 30	17 9	2 32	2 13	7 49			n.a.
S 19	23 16	4 19	0s30	25 7	1 54	19 46	0 27	24 6	0 52	13 3	0 45	23 51	0 4	2 31	0 37	22 56	0 34	26 29	17 8	2 32	2 12	7 47			n.a.
M20	23 22	8 5	1 34	25 18	1 56	20 5	0 24	24 11	0 52	13 2	0 45	23 51	0 4	2 32	0 37	22 56	0 34	26 29	17 8	2 32	2 11	7 46			n.a.
T 21	23 26	11 35	2 35	25 28	1 58	20 23	0 22	24 15	0 53	13 0	0 45	23 51	0 4	2 32	0 37	22 56	0 34	26 28	17 8	2 30	2 9	7 44			n.a.
W22	23 31	14 38	3 29	25 36	1 59	20 41	0 19	24 19	0 53	12 59	0 44	23 52	0 4	2 33	0 37	22 56	0 34	26 28	17 7	2 28	2 8	7 42			n.a.
T 23	23 35	17 0	4 14	25 42	2 0	20 58	0 17	24 23	0 54	12 58	0 44	23 52	0 4	2 34	0 37	22 57	0 34	26 27	17 7	2 24	2 7	7 40			n.a.
F 24	23 38	18 27	4 45	25 46	2 1	21 14	0 14	24 27	0 54	12 57	0 44	23 52	0 4	2 34	0 38	22 57	0 34	26 27	17 7	2 20	2 5	7 39			n.a.
S 25	23 41	18 49	5 0	25 49	2 1	21 30	0 11	24 30	0 55	12 57	0 44	23 52	0 4	2 35	0 38	22 57	0 34	26 26	17 6	2 15	2 4	7 37			n.a.
S 26	23 44	18 0	4 56	25 50	2 0	21 46	0 9	24 33	0 55	12 56	0 43	23 52	0 4	2 36	0 38	22 57	0 34	26 26	17 6	2 10	2 3	7 35			n.a.
M27	23 46	16 1	4 33	25 48	1 59	22 0	0 6	24 36	0 55	12 55	0 43	23 53	0 4	2 36	0 38	22 57	0 34	26 25	17 6	2 6	2 2	7 34			n.a.
T 28	23 48	13 2	3 53	25 45	1 57	22 14	0 4	24 39	0 56	12 54	0 43	23 53	0 4	2 37	0 38	22 57	0 34	26 25	17 5	2 2	2 0	7 32			n.a.
W29	23 49	9 15	2 58	25 39	1 55	22 28	0 1	24 41	0 56	12 54	0 42	23 53	0 4	2 37	0 38	22 58	0 34	26 24	17 5	2 0	1 59	7 30			n.a.
T 30	23 49	4 58	1 52	25 32	1 53	22 40	0s 1	24 43	0 56	12 53	0 42	23 53	0 4	2 38	0 38	22 58	0 34	26 23	17 5	1 59	1 58	7 28			n.a.
F 31	23s50	0n28	0s40	25s22	1s49	22s52	0s 4	24s44	0s57	12n53	0s42	23s53	0s 5	2s38	0n38	22s58	0n34	26s23	17s 4	1s59	1s56	7s27			n.a.

Julian Day Number = 1308294.5, Delta T = 07h43m58s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'19, Lahiri = -19°34'18 Julian Calendar 1 Dec. 1132 BCE == Greg. Calendar 20 Nov. 1132 BCE

The year -1131 astronomical counting style corresponds to year 1132 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

JANUARY 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 9	1♉ 7'59	11♎15	10♉15	14♐57	27♐47	5°R22	28♐18	7♎59	21♐17	2♓56	4°R55	4♎45	5♓ 8	n.a.	S 1
S 2	6 3 6	2° 8'44	25° 0	12° 3	16°12	28°34	5♋21	28°25	8° 0	21°20	2°57	4♎54	4°42	5°15	n.a.	S 2
M 3	6 7 2	3° 9'28	8♏34	13°50	17°27	29°21	5°19	28°32	8° 2	21°22	2°58	4°51	4°39	5°21	n.a.	M 3
T 4	6 10 59	4°10'11	21°57	15°38	18°42	0♉ 9	5°18	28°39	8° 3	21°24	2°59	4°46	4°36	5°28	n.a.	T 4
W 5	6 14 55	5°10'52	5♐11	17°25	19°57	0°56	5°17	28°47	8° 4	21°26	2°59	4°37	4°33	5°35	n.a.	W 5
T 6	6 18 52	6°11'32	18°13	19°10	21°11	1°43	5°16	28°54	8° 5	21°29	3° 0	4°25	4°29	5°41	n.a.	T 6
F 7	6 22 48	7°12'10	1♉ 4	20°55	22°26	2°31	5°15	29° 1	8° 5	21°31	3° 1	4°11	4°26	5°48	n.a.	F 7
S 8	6 26 45	8°12'47	13°42	22°38	23°41	3°18	5°14	29° 8	8° 6	21°33	3° 2	3°57	4°23	5°55	n.a.	S 8
S 9	6 30 42	9°13'22	26° 7	24°19	24°56	4° 5	5°14	29°15	8° 7	21°35	3° 3	3°43	4°20	6° 1	n.a.	S 9
M10	6 34 38	10°13'55	8♒20	25°57	26°11	4°52	5°D14	29°23	8° 8	21°37	3° 4	3°31	4°17	6° 8	n.a.	M10
T 11	6 38 35	11°14'26	20°22	27°32	27°26	5°40	5°14	29°30	8° 8	21°40	3° 5	3°22	4°14	6°15	n.a.	T 11
W12	6 42 31	12°14'55	2♓15	29° 3	28°40	6°27	5°14	29°37	8° 9	21°42	3° 6	3°15	4°10	6°21	n.a.	W12
T 13	6 46 28	13°15'22	14° 3	0♒30	29°55	7°14	5°15	29°44	8° 9	21°44	3° 7	3°12	4° 7	6°28	n.a.	T 13
F 14	6 50 24	14°15'47	25°50	1°53	1♉10	8° 2	5°16	29°51	8°10	21°46	3° 8	3°10	4° 4	6°35	n.a.	F 14
S 15	6 54 21	15°16'10	7♈42	3° 9	2°25	8°49	5°16	29°58	8°10	21°48	3° 9	3°D10	4° 1	6°41	n.a.	S 15
S 16	6 58 17	16°16'30	19°43	4°20	3°39	9°36	5°18	0♉ 5	8°11	21°50	3°10	3°R10	3°58	6°48	n.a.	S 16
M17	7 2 14	17°16'49	1♉59	5°23	4°54	10°23	5°19	0°12	8°11	21°52	3°11	3° 9	3°55	6°55	n.a.	M17
T 18	7 6 10	18°17'06	14°36	6°19	6° 9	11°11	5°20	0°19	8°11	21°55	3°12	3° 6	3°51	7° 1	n.a.	T 18
W19	7 10 7	19°17'20	27°38	7° 7	7°24	11°58	5°22	0°26	8°12	21°57	3°13	3° 1	3°48	7° 8	n.a.	W19
T 20	7 14 4	20°17'32	11♊ 8	7°47	8°38	12°45	5°24	0°33	8°12	21°59	3°14	2°53	3°45	7°15	n.a.	T 20
F 21	7 18 0	21°17'42	25° 5	8°17	9°53	13°32	5°26	0°40	8°12	22° 1	3°15	2°43	3°42	7°21	n.a.	F 21
S 22	7 21 57	22°17'50	9♋27	8°38	11° 8	14°20	5°28	0°47	8°R12	22° 3	3°16	2°32	3°39	7°28	n.a.	S 22
S 23	7 25 53	23°17'56	24° 9	8°50	12°22	15° 7	5°31	0°54	8°12	22° 5	3°17	2°22	3°35	7°35	n.a.	S 23
M24	7 29 50	24°18'00	9♌ 2	8°R52	13°37	15°54	5°33	1° 1	8°12	22° 7	3°19	2°12	3°32	7°41	n.a.	M24
T 25	7 33 46	25°18'02	23°58	8°45	14°52	16°41	5°36	1° 7	8°12	22° 9	3°20	2° 5	3°29	7°48	n.a.	T 25
W26	7 37 43	26°18'02	8♍49	8°28	16° 6	17°28	5°39	1°14	8°11	22°11	3°21	2° 0	3°26	7°55	n.a.	W26
T 27	7 41 39	27°18'00	23°26	8° 3	17°21	18°15	5°42	1°21	8°11	22°13	3°22	1°58	3°23	8° 1	n.a.	T 27
F 28	7 45 36	28°17'56	7♎47	7°30	18°35	19° 2	5°46	1°28	8°11	22°15	3°23	1°D58	3°20	8° 8	n.a.	F 28
S 29	7 49 33	29°17'51	21°49	6°50	19°50	19°49	5°49	1°34	8°11	22°17	3°25	1°59	3°16	8°15	n.a.	S 29
S 30	7 53 29	0♒17'43	5♏32	6° 4	21° 5	20°37	5°53	1°41	8°10	22°19	3°26	1°R59	3°13	8°21	n.a.	S 30
M31	7 57 26	1♒17'34	18♏58	5♒13	22♉19	21♉24	5♋57	1♉48	8♎10	22♐20	3♓27	1♎57	3♎10	8♓28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	4s 1	0n33	25s10	1s45	23s 4	0s 6	24s46	0s57	12n52	0s42	23s54	0s 5	2s39	0n38	22s58	0n34	26s22	17s 4	1s59	1s55	7s25		n.a.
S 2	23 49	8 13	1 44	24 56	1 41	23 14	0 9	24 47	0 58	12 52	0 41	23 54	0 5	2 39	0 38	22 58	0 34	26 22	17 4	1 59	1 54	7 23		n.a.
M 3	23 47	11 56	2 48	24 40	1 35	23 24	0 11	24 47	0 58	12 52	0 41	23 54	0 5	2 39	0 38	22 58	0 34	26 21	17 3	1 58	1 53	7 21		n.a.
T 4	23 46	14 59	3 41	24 22	1 29	23 34	0 14	24 48	0 58	12 51	0 41	23 54	0 5	2 40	0 38	22 59	0 34	26 20	17 3	1 55	1 51	7 20		n.a.
W 5	23 43	17 13	4 22	24 2	1 22	23 42	0 16	24 48	0 59	12 51	0 41	23 54	0 5	2 40	0 38	22 59	0 34	26 20	17 3	1 52	1 50	7 18		n.a.
T 6	23 41	18 31	4 48	23 40	1 15	23 50	0 18	24 48	0 59	12 51	0 40	23 54	0 5	2 40	0 38	22 59	0 34	26 19	17 2	1 47	1 49	7 16		n.a.
F 7	23 38	18 50	4 59	23 16	1 6	23 57	0 21	24 47	0 59	12 51	0 40	23 54	0 5	2 41	0 38	22 59	0 34	26 19	17 2	1 41	1 47	7 14		n.a.
S 8	23 34	18 12	4 56	22 50	0 57	24 3	0 23	24 47	1 0	12 51	0 40	23 55	0 5	2 41	0 38	22 59	0 34	26 18	17 2	1 36	1 46	7 13		n.a.
S 9	23 30	16 43	4 38	22 23	0 47	24 9	0 25	24 46	1 0	12 51	0 40	23 55	0 5	2 41	0 38	22 59	0 34	26 17	17 2	1 30	1 45	7 11		n.a.
M10	23 25	14 30	4 7	21 54	0 37	24 14	0 28	24 44	1 0	12 52	0 39	23 55	0 5	2 42	0 38	22 59	0 34	26 17	17 1	1 25	1 44	7 9		n.a.
T 11	23 21	11 41	3 26	21 24	0 25	24 18	0 30	24 43	1 1	12 52	0 39	23 55	0 5	2 42	0 38	23 0	0 34	26 16	17 1	1 21	1 42	7 7		n.a.
W12	23 15	8 25	2 36	20 53	0 13	24 21	0 32	24 41	1 1	12 52	0 39	23 55	0 5	2 42	0 38	23 0	0 34	26 16	17 1	1 19	1 41	7 6		n.a.
T 13	23 9	4 51	1 40	20 22	0n 0	24 24	0 34	24 39	1 1	12 53	0 39	23 55	0 6	2 42	0 38	23 0	0 34	26 15	17 0	1 17	1 40	7 4		n.a.
F 14	23 3	1 5	0 39	19 50	0 14	24 26	0 37	24 36	1 1	12 53	0 38	23 55	0 6	2 42	0 38	23 0	0 34	26 14	17 0	1 17	1 39	7 2		n.a.
S 15	22 56	2n44	0s24	19 18	0 29	24 27	0 39	24 33	1 2	12 54	0 38	23 55	0 6	2 43	0 38	23 0	0 34	26 14	17 0	1 17	1 37	7 0		n.a.
S 16	22 49	6 30	1 27	18 47	0 43	24 27	0 41	24 30	1 2	12 54	0 38	23 55	0 6	2 43	0 38	23 0	0 34	26 13	17 0	1 17	1 36	6 58		n.a.
M17	22 41	10 4	2 27	18 17	0 59	24 27	0 43	24 27	1 2	12 55	0 38	23 55	0 6	2 43	0 38	23 0	0 34	26 12	16 59	1 16	1 35	6 57		n.a.
T 18	22 33	13 17	3 21	17 48	1 14	24 26	0 45	24 23	1 2	12 56	0 37	23 56	0 6	2 43	0 38	23 1	0 34	26 12	16 59	1 15	1 33	6 55		n.a.
W19	22 25	15 56	4 7	17 20	1 30	24 24	0 47	24 19	1 3	12 56	0 37	23 56	0 6	2 43	0 38	23 1	0 34	26 11	16 59	1 13	1 32	6 53		n.a.
T 20	22 16	17 50	4 41	16 55	1 46	24 21	0 49	24 15	1 3	12 57	0 37	23 56	0 6	2 43	0 38	23 1	0 34	26 10	16 59	1 10	1 31	6 51		n.a.
F 21	22 7	18 45	5 0	16 31	2 2	24 18	0 51	24 10	1 3	12 58	0 37	23 56	0 6	2 43	0 38	23 1	0 34	26 10	16 58	1 6	1 30	6 50		n.a.
S 22	21 57	18 30	5 0	16 11	2 18	24 14	0 53	24 6	1 3	12 59	0 36	23 56	0 6	2 43	0 38	23 1	0 34	26 9	16 58	1 2	1 28	6 48		n.a.
S 23	21 47	17 1	4 41	15 53	2 33	24 9	0 55	24 1	1 4	13 0	0 36	23 56	0 6	2 43	0 38	23 1	0 34	26 8	16 58	0 57	1 27	6 46		n.a.
M24	21 36	14 23	4 3	15 39	2 47	24 3	0 56	23 55	1 4	13 1	0 36	23 56	0 6	2 43	0 38	23 1	0 34	26 8	16 58	0 53	1 26	6 44		n.a.
T 25	21 25	10 48	3 8	15 28	3 1	23 57	0 58	23 50	1 4	13 2	0 36	23 56	0 7	2 43	0 38	23 1	0 34	26 7	16 57	0 50	1 24	6 43		n.a.
W26	21 14	6 33	2 0	15 20	3 13	23 50	1 0	23 44	1 4	13 4	0 35	23 56	0 7	2 43	0 38	23 2	0 34	26 6	16 57	0 49	1 23	6 41		n.a.
T 27	21 2	1 57	0 45	15 16	3 24	23 42	1 2	23 37	1 4	13 5	0 35	23 56	0 7	2 43	0 38	23 2	0 34	26 6	16 57	0 48	1 22	6 39		n.a.
F 28	20 50	2s40	0n31	15 15	3 34	23 33	1 3	23 31	1 5	13 6	0 35	23 56	0 7	2 42	0 39	23 2	0 34	26 5	16 57	0 48	1 21	6 37		n.a.
S 29	20 38	7 2	1 44	15 18	3 41	23 24	1 5	23 24	1 5	13 8	0 35	23 56	0 7	2 42	0 39	23 2	0 34	26 4	16 57	0 48	1 19	6 36		n.a.
S 30	20 25	10 55	2 49	15 23	3 47	23 14	1 6	23 17	1 5	13 9	0 35	23 56	0 7	2 42	0 39	23 2	0 34	26 4	16 56	0 48	1 18	6 34		n.a.
M31	20s12	14s 9	3n44	15s32	3n51	23s 3	1s 8	23s10	1s 5	13n11	0s34	23s56	0s 7	2s42	0n39	23s 2	0n34	26s 3	16s56	0s47	1s17	6s32		n.a.

Julian Day Number = 1308325.5, Delta T = 07h43m56s
Ecliptic obliquity = 23°49'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'15, Lahiri = -19°34'14 Julian Calendar 1 Jan. 1131 BCE == Greg. Calendar 21 Dec. 1132 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

FEBRUARY 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 22	2♒17'23	2♐ 7	4°R18	23♑34	22♑11	6♉ 1	1♑54	8°R 9	22♐22	3♓28	1°R53	3♎ 7	8♓35	n.a.	T 1
W 2	8 5 19	3°17'11	15° 3	3♒20	24°48	22°58	6° 5	2° 1	8♎ 9	22°24	3°30	1♎47	3° 4	8°41	n.a.	W 2
T 3	8 9 15	4°16'56	27°46	2°22	26° 3	23°45	6°10	2° 7	8° 8	22°26	3°31	1°38	3° 0	8°48	n.a.	T 3
F 4	8 13 12	5°16'40	10♑17	1°24	27°17	24°32	6°14	2°14	8° 8	22°28	3°32	1°28	2°57	8°55	n.a.	F 4
S 5	8 17 8	6°16'21	22°38	0°27	28°32	25°19	6°19	2°20	8° 7	22°30	3°33	1°17	2°54	9° 1	n.a.	S 5
S 6	8 21 5	7°16'00	4♒49	29♑33	29°47	26° 5	6°24	2°27	8° 6	22°31	3°35	1° 7	2°51	9° 8	n.a.	S 6
M 7	8 25 2	8°15'38	16°52	28°42	1♒ 1	26°52	6°29	2°33	8° 5	22°33	3°36	0°58	2°48	9°15	n.a.	M 7
T 8	8 28 58	9°15'12	28°47	27°55	2°16	27°39	6°34	2°39	8° 4	22°35	3°37	0°51	2°45	9°21	n.a.	T 8
W 9	8 32 55	10°14'45	10♓37	27°14	3°30	28°26	6°40	2°45	8° 4	22°36	3°39	0°46	2°41	9°28	n.a.	W 9
T 10	8 36 51	11°14'15	22°24	26°38	4°44	29°13	6°45	2°52	8° 3	22°38	3°40	0°44	2°38	9°35	n.a.	T 10
F 11	8 40 48	12°13'43	4♈11	26° 8	5°59	29°59	6°51	2°58	8° 2	22°40	3°41	0°D44	2°35	9°41	n.a.	F 11
S 12	8 44 44	13°13'09	16° 2	25°44	7°13	0♒46	6°57	3° 4	8° 1	22°41	3°43	0°45	2°32	9°48	n.a.	S 12
S 13	8 48 41	14°12'32	28° 3	25°26	8°28	1°33	7° 3	3°10	7°59	22°43	3°44	0°46	2°29	9°54	n.a.	S 13
M14	8 52 37	15°11'52	10♉17	25°14	9°42	2°20	7°10	3°16	7°58	22°44	3°45	0°R47	2°26	10° 1	n.a.	M14
T 15	8 56 34	16°11'11	22°51	25° 8	10°57	3° 7	7°16	3°22	7°57	22°46	3°47	0°47	2°22	10° 8	n.a.	T 15
W16	9 0 30	17°10'26	5♊48	25°D 8	12°11	3°53	7°23	3°28	7°56	22°48	3°48	0°45	2°19	10°14	n.a.	W16
T 17	9 4 27	18° 9'40	19°13	25°13	13°25	4°40	7°29	3°34	7°55	22°49	3°50	0°42	2°16	10°21	n.a.	T 17
F 18	9 8 24	19° 8'51	3♋ 7	25°24	14°40	5°26	7°36	3°39	7°53	22°51	3°51	0°36	2°13	10°28	n.a.	F 18
S 19	9 12 20	20° 7'59	17°29	25°40	15°54	6°13	7°43	3°45	7°52	22°52	3°52	0°30	2°10	10°34	n.a.	S 19
S 20	9 16 17	21° 7'05	2♌15	26° 2	17° 8	6°59	7°50	3°51	7°50	22°53	3°54	0°24	2° 6	10°41	n.a.	S 20
M21	9 20 13	22° 6'09	17°18	26°28	18°23	7°46	7°58	3°57	7°49	22°55	3°55	0°19	2° 3	10°48	n.a.	M21
T 22	9 24 10	23° 5'11	2♍30	26°58	19°37	8°32	8° 5	4° 2	7°47	22°56	3°57	0°15	2° 0	10°54	n.a.	T 22
W23	9 28 6	24° 4'10	17°39	27°33	20°51	9°19	8°13	4° 8	7°46	22°57	3°58	0°13	1°57	11° 1	n.a.	W23
T 24	9 32 3	25° 3'08	2♎37	28°11	22° 5	10° 5	8°20	4°13	7°44	22°59	3°59	0°D12	1°54	11° 8	n.a.	T 24
F 25	9 35 59	26° 2'03	17°16	28°54	23°20	10°51	8°28	4°18	7°43	23° 0	4° 1	0°13	1°51	11°14	n.a.	F 25
S 26	9 39 56	27° 0'56	1♏34	29°40	24°34	11°38	8°36	4°24	7°41	23° 1	4° 2	0°14	1°47	11°21	n.a.	S 26
S 27	9 43 52	27°59'48	15°26	0♒29	25°48	12°24	8°44	4°29	7°39	23° 3	4° 4	0°16	1°44	11°28	n.a.	S 27
M28	9 47 49	28♒58'38	28♏56	1♒22	27♒ 2	13♒10	8♉52	4♑34	7♎38	23♐ 4	4♓ 5	0°R16	1♎41	11♓34	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s58	16s35	4n25	15s43	3n53	22s52	1s 9	23s 3	1s 5	13n12	0s34	23s56	0s 7	2s42	0n39	23s 2	0n34	26s 3	16s56	0s46	1s15	6s30		n.a.
W 2	19 44	18 8	4 52	15 57	3 53	22 40	1 10	22 55	1 5	13 14	0 34	23 56	0 7	2 41	0 39	23 2	0 34	26 2	16 56	0 43	1 14	6 28		n.a.
T 3	19 30	18 44	5 4	16 12	3 51	22 27	1 12	22 47	1 6	13 16	0 34	23 56	0 7	2 41	0 39	23 2	0 34	26 1	16 56	0 40	1 13	6 27		n.a.
F 4	19 15	18 25	5 1	16 29	3 47	22 14	1 13	22 38	1 6	13 18	0 33	23 56	0 7	2 41	0 39	23 3	0 34	26 1	16 55	0 36	1 12	6 25		n.a.
S 5	19 0	17 13	4 44	16 47	3 41	22 0	1 14	22 30	1 6	13 19	0 33	23 56	0 7	2 41	0 39	23 3	0 34	26 0	16 55	0 31	1 10	6 23		n.a.
S 6	18 45	15 15	4 15	17 6	3 33	21 45	1 15	22 21	1 6	13 21	0 33	23 56	0 8	2 40	0 39	23 3	0 34	25 59	16 55	0 27	1 9	6 21		n.a.
M 7	18 30	12 39	3 33	17 26	3 24	21 30	1 16	22 12	1 6	13 23	0 33	23 56	0 8	2 40	0 39	23 3	0 34	25 59	16 55	0 23	1 8	6 20		n.a.
T 8	18 14	9 32	2 43	17 45	3 14	21 14	1 17	22 3	1 6	13 25	0 32	23 56	0 8	2 40	0 39	23 3	0 34	25 58	16 55	0 21	1 6	6 18		n.a.
W 9	17 58	6 4	1 46	18 5	3 2	20 57	1 18	21 53	1 6	13 27	0 32	23 56	0 8	2 39	0 39	23 3	0 34	25 57	16 55	0 19	1 5	6 16		n.a.
T 10	17 41	2 23	0 45	18 24	2 50	20 40	1 19	21 44	1 6	13 29	0 32	23 56	0 8	2 39	0 39	23 3	0 34	25 57	16 54	0 18	1 4	6 14		n.a.
F 11	17 24	1n24	0s19	18 42	2 36	20 22	1 20	21 34	1 7	13 31	0 32	23 56	0 8	2 38	0 39	23 3	0 34	25 56	16 54	0 18	1 3	6 12		n.a.
S 12	17 7	5 9	1 22	19 0	2 23	20 4	1 21	21 24	1 7	13 34	0 32	23 55	0 8	2 38	0 39	23 3	0 34	25 55	16 54	0 18	1 1	6 11		n.a.
S 13	16 50	8 44	2 23	19 17	2 9	19 45	1 21	21 13	1 7	13 36	0 31	23 55	0 8	2 37	0 39	23 3	0 34	25 55	16 54	0 19	1 0	6 9		n.a.
M14	16 32	12 1	3 18	19 34	1 54	19 25	1 22	21 3	1 7	13 38	0 31	23 55	0 8	2 37	0 39	23 4	0 34	25 54	16 54	0 19	0 59	6 7		n.a.
T 15	16 14	14 50	4 5	19 49	1 40	19 5	1 23	20 52	1 7	13 40	0 31	23 55	0 8	2 37	0 39	23 4	0 34	25 53	16 54	0 19	0 57	6 5		n.a.
W16	15 56	17 0	4 42	20 3	1 26	18 45	1 23	20 41	1 7	13 43	0 31	23 55	0 8	2 36	0 39	23 4	0 34	25 53	16 54	0 18	0 56	6 4		n.a.
T 17	15 38	18 20	5 4	20 16	1 12	18 24	1 24	20 29	1 7	13 45	0 30	23 55	0 8	2 35	0 39	23 4	0 34	25 52	16 54	0 17	0 55	6 2		n.a.
F 18	15 19	18 37	5 10	20 27	0 58	18 2	1 24	20 18	1 7	13 48	0 30	23 55	0 9	2 35	0 39	23 4	0 34	25 52	16 54	0 15	0 54	6 0		n.a.
S 19	15 0	17 45	4 57	20 38	0 44	17 40	1 24	20 6	1 7	13 50	0 30	23 55	0 9	2 34	0 39	23 4	0 34	25 51	16 53	0 12	0 52	5 58		n.a.
S 20	14 41	15 41	4 24	20 47	0 31	17 17	1 25	19 54	1 7	13 53	0 30	23 55	0 9	2 34	0 39	23 4	0 34	25 50	16 53	0 10	0 51	5 56		n.a.
M21	14 22	12 32	3 32	20 55	0 18	16 54	1 25	19 42	1 7	13 55	0 30	23 55	0 9	2 33	0 39	23 4	0 34	25 50	16 53	0 8	0 50	5 55		n.a.
T 22	14 3	8 30	2 25	21 1	0 5	16 31	1 25	19 30	1 7	13 58	0 29	23 55	0 9	2 33	0 39	23 4	0 34	25 49	16 53	0 6	0 49	5 53		n.a.
W23	13 43	3 55	1 8	21 6	0s 7	16 7	1 25	19 17	1 7	14 1	0 29	23 55	0 9	2 32	0 39	23 4	0 34	25 49	16 53	0 5	0 47	5 51		n.a.
T 24	13 23	0s51	0n13	21 10	0 19	15 43	1 25	19 5	1 7	14 3	0 29	23 55	0 9	2 31	0 39	23 4	0 34	25 48	16 53	0 5	0 46	5 49		n.a.
F 25	13 3	5 29	1 32	21 12	0 30	15 18	1 25	18 52	1 7	14 6	0 29	23 55	0 9	2 31	0 39	23 4	0 34	25 47	16 53	0 5	0 45	5 47		n.a.
S 26	12 42	9 40	2 43	21 13	0 41	14 53	1 25	18 39	1 7	14 9	0 29	23 54	0 9	2 30	0 39	23 4	0 34	25 47	16 53	0 6	0 43	5 46		n.a.
S 27	12 22	13 11	3 43	21 12	0 51	14 27	1 25	18 26	1 7	14 12	0 28	23 54	0 9	2 29	0 39	23 4	0 34	25 46	16 53	0 6	0 42	5 44		n.a.
M28	12s 1	15s53	4n28	21s10	1s 1	14s 1	1s24	18s12	1s 7	14n14	0s28	23s54	0s 9	2s28	0n39	23s 5	0n34	25s46	16s53	0s 7	0s41	5s42		n.a.

Julian Day Number = 1308356.5, Delta T = 07h43m54s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'10, Lahiri = -19°34'10 Julian Calendar 1 Feb. 1131 BCE == Greg. Calendar 21 Jan. 1131 BCE

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

MARCH 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 46	29♒57'26	12♐ 3	2♒18	28♒17	13♒56	9♉ 1	4♋39	7°R36	23♐ 5	4♓ 7	0°R16	1♎38	11♓41	n.a.	T 1
W 2	9 55 42	0♓56'12	24°51	3°17	29°31	14°43	9° 9	4°44	7♎34	23° 6	4° 8	0♎14	1°35	11°48	n.a.	W 2
T 3	9 59 39	1°54'57	7♋23	4°18	0♓45	15°29	9°18	4°49	7°32	23° 7	4° 9	0°10	1°32	11°54	n.a.	T 3
F 4	10 3 35	2°53'39	19°42	5°22	1°59	16°15	9°27	4°54	7°30	23° 8	4°11	0° 6	1°28	12° 1	n.a.	F 4
S 5	10 7 32	3°52'20	1♒50	6°29	3°13	17° 1	9°36	4°59	7°28	23° 9	4°12	0° 2	1°25	12° 8	n.a.	S 5
S 6	10 11 28	4°50'58	13°49	7°38	4°27	17°47	9°45	5° 4	7°26	23°10	4°14	29♍57	1°22	12°14	n.a.	S 6
M 7	10 15 25	5°49'35	25°43	8°50	5°42	18°33	9°54	5° 9	7°24	23°11	4°15	29°53	1°19	12°21	n.a.	M 7
T 8	10 19 21	6°48'09	7♓32	10° 3	6°56	19°19	10° 3	5°13	7°22	23°12	4°17	29°51	1°16	12°28	n.a.	T 8
W 9	10 23 18	7°46'41	19°20	11°19	8°10	20° 5	10°12	5°18	7°20	23°13	4°18	29°49	1°12	12°34	n.a.	W 9
T 10	10 27 14	8°45'12	1♈ 7	12°37	9°24	20°50	10°22	5°22	7°18	23°14	4°19	29°D49	1° 9	12°41	n.a.	T 10
F 11	10 31 11	9°43'40	12°57	13°57	10°38	21°36	10°31	5°27	7°16	23°15	4°21	29°49	1° 6	12°48	n.a.	F 11
S 12	10 35 8	10°42'06	24°53	15°19	11°52	22°22	10°41	5°31	7°14	23°16	4°22	29°50	1° 3	12°54	n.a.	S 12
S 13	10 39 4	11°40'30	6♉58	16°43	13° 6	23° 8	10°50	5°35	7°12	23°17	4°24	29°52	1° 0	13° 1	n.a.	S 13
M14	10 43 1	12°38'52	19°15	18° 9	14°20	23°53	11° 0	5°40	7°10	23°17	4°25	29°53	0°57	13° 7	n.a.	M14
T 15	10 46 57	13°37'11	1♊49	19°37	15°34	24°39	11°10	5°44	7° 7	23°18	4°27	29°54	0°53	13°14	n.a.	T 15
W16	10 50 54	14°35'28	14°44	21° 7	16°48	25°25	11°20	5°48	7° 5	23°19	4°28	29°R55	0°50	13°21	n.a.	W16
T 17	10 54 50	15°33'44	28° 2	22°38	18° 2	26°10	11°31	5°52	7° 3	23°19	4°29	29°54	0°47	13°27	n.a.	T 17
F 18	10 58 47	16°31'56	11♋47	24°11	19°16	26°55	11°41	5°56	7° 1	23°20	4°31	29°53	0°44	13°34	n.a.	F 18
S 19	11 2 43	17°30'07	25°58	25°46	20°30	27°41	11°51	5°59	6°58	23°21	4°32	29°52	0°41	13°41	n.a.	S 19
S 20	11 6 40	18°28'16	10♌34	27°23	21°44	28°26	12° 2	6° 3	6°56	23°21	4°34	29°51	0°37	13°47	n.a.	S 20
M21	11 10 37	19°26'22	25°31	29° 2	22°58	29°12	12°12	6° 7	6°54	23°22	4°35	29°49	0°34	13°54	n.a.	M21
T 22	11 14 33	20°24'27	10♍40	0♓42	24°12	29°57	12°23	6°10	6°51	23°22	4°36	29°49	0°31	14° 1	n.a.	T 22
W23	11 18 30	21°22'29	25°53	2°25	25°26	0♓42	12°33	6°14	6°49	23°23	4°38	29°D48	0°28	14° 7	n.a.	W23
T 24	11 22 26	22°20'30	11♎ 0	4° 9	26°40	1°27	12°44	6°17	6°46	23°23	4°39	29°48	0°25	14°14	n.a.	T 24
F 25	11 26 23	23°18'29	25°52	5°54	27°54	2°12	12°55	6°20	6°44	23°24	4°41	29°49	0°22	14°21	n.a.	F 25
S 26	11 30 19	24°16'27	10♏23	7°42	29° 7	2°57	13° 6	6°24	6°42	23°24	4°42	29°49	0°18	14°27	n.a.	S 26
S 27	11 34 16	25°14'23	24°28	9°32	0♈21	3°42	13°17	6°27	6°39	23°24	4°43	29°50	0°15	14°34	n.a.	S 27
M28	11 38 12	26°12'17	8♐ 7	11°23	1°35	4°27	13°28	6°30	6°37	23°25	4°45	29°50	0°12	14°41	n.a.	M28
T 29	11 42 9	27°10'11	21°20	13°16	2°49	5°12	13°40	6°33	6°34	23°25	4°46	29°50	0° 9	14°47	n.a.	T 29
W30	11 46 5	28° 8'03	4♋ 9	15°11	4° 3	5°57	13°51	6°36	6°32	23°25	4°47	29°R50	0° 6	14°54	n.a.	W30
T 31	11 50 2	29♓ 5'53	16♋38	17♓ 7	5♈17	6♓42	14♉ 2	6♋38	6♎29	23♐25	4♓49	29♍50	0♎ 3	15♓ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s40	17s41	4n58	21s 6	1s10	13s35	1s24	17s59	1s 7	14n17	0s28	23s54	0s10	2s28	0n39	23s 5	0n34	25s45	16s53	0s 6	0s40	5s40			n.a.
W 2	11 19	18 32	5 12	21 1	1 19	13 8	1 24	17 45	1 7	14 20	0 28	23 54	0 10	2 27	0 39	23 5	0 34	25 44	16 53	0 5	0 38	5 38			n.a.
T 3	10 58	18 27	5 11	20 54	1 27	12 41	1 23	17 31	1 7	14 23	0 28	23 54	0 10	2 26	0 39	23 5	0 34	25 44	16 53	0 4	0 37	5 37			n.a.
F 4	10 36	17 29	4 55	20 46	1 35	12 13	1 23	17 17	1 7	14 26	0 28	23 54	0 10	2 25	0 39	23 5	0 34	25 43	16 53	0 2	0 36	5 35			n.a.
S 5	10 15	15 44	4 27	20 36	1 42	11 46	1 22	17 3	1 7	14 29	0 27	23 54	0 10	2 25	0 39	23 5	0 34	25 43	16 53	0 1	0 34	5 33			n.a.
S 6	9 53	13 20	3 47	20 24	1 49	11 18	1 22	16 48	1 7	14 32	0 27	23 54	0 10	2 24	0 39	23 5	0 34	25 42	16 53	0n 1	0 33	5 31			n.a.
M 7	9 31	10 23	2 57	20 11	1 55	10 49	1 21	16 34	1 7	14 35	0 27	23 54	0 10	2 23	0 39	23 5	0 34	25 42	16 53	0 3	0 32	5 29			n.a.
T 8	9 9	7 2	2 0	19 57	2 1	10 21	1 20	16 19	1 7	14 39	0 27	23 54	0 10	2 22	0 39	23 5	0 34	25 41	16 53	0 4	0 31	5 28			n.a.
W 9	8 47	3 25	0 58	19 40	2 6	9 52	1 20	16 4	1 6	14 42	0 27	23 53	0 10	2 21	0 39	23 5	0 34	25 40	16 53	0 4	0 29	5 26			n.a.
T 10	8 25	0n21	0s 7	19 22	2 10	9 23	1 19	15 50	1 6	14 45	0 26	23 53	0 10	2 21	0 39	23 5	0 34	25 40	16 53	0 5	0 28	5 24			n.a.
F 11	8 3	4 6	1 12	19 3	2 14	8 54	1 18	15 34	1 6	14 48	0 26	23 53	0 11	2 20	0 39	23 5	0 34	25 39	16 53	0 4	0 27	5 22			n.a.
S 12	7 40	7 42	2 14	18 41	2 18	8 24	1 17	15 19	1 6	14 51	0 26	23 53	0 11	2 19	0 39	23 5	0 34	25 39	16 53	0 4	0 25	5 20			n.a.
S 13	7 18	11 3	3 11	18 19	2 21	7 54	1 16	15 4	1 6	14 55	0 26	23 53	0 11	2 18	0 39	23 5	0 34	25 38	16 53	0 3	0 24	5 19			n.a.
M14	6 55	13 58	4 1	17 54	2 23	7 24	1 15	14 48	1 6	14 58	0 26	23 53	0 11	2 17	0 39	23 5	0 34	25 38	16 53	0 3	0 23	5 17			n.a.
T 15	6 32	16 17	4 40	17 28	2 25	6 54	1 14	14 33	1 6	15 1	0 26	23 53	0 11	2 16	0 39	23 5	0 34	25 37	16 53	0 2	0 22	5 15			n.a.
W16	6 10	17 52	5 6	17 0	2 26	6 24	1 12	14 17	1 6	15 4	0 25	23 53	0 11	2 15	0 39	23 5	0 34	25 37	16 53	0 2	0 20	5 13			n.a.
T 17	5 47	18 32	5 17	16 30	2 27	5 54	1 11	14 1	1 5	15 8	0 25	23 53	0 11	2 14	0 39	23 5	0 34	25 36	16 53	0 2	0 19	5 11			n.a.
F 18	5 24	18 9	5 10	15 59	2 27	5 23	1 10	13 45	1 5	15 11	0 25	23 53	0 11	2 13	0 39	23 5	0 34	25 36	16 53	0 3	0 18	5 10			n.a.
S 19	5 1	16 38	4 45	15 26	2 27	4 52	1 9	13 29	1 5	15 15	0 25	23 53	0 11	2 12	0 39	23 5	0 34	25 35	16 53	0 3	0 16	5 8			n.a.
S 20	4 38	14 1	4 1	14 52	2 26	4 21	1 7	13 13	1 5	15 18	0 25	23 53	0 11	2 12	0 39	23 5	0 34	25 35	16 53	0 4	0 15	5 6			n.a.
M21	4 15	10 25	2 59	14 15	2 25	3 50	1 6	12 57	1 5	15 21	0 25	23 52	0 11	2 11	0 39	23 5	0 34	25 34	16 53	0 4	0 14	5 4			n.a.
T 22	3 52	6 5	1 44	13 37	2 23	3 19	1 4	12 41	1 5	15 25	0 24	23 52	0 12	2 10	0 39	23 5	0 34	25 34	16 54	0 5	0 13	5 2			n.a.
W23	3 28	1 20	0 22	12 58	2 21	2 48	1 3	12 24	1 4	15 28	0 24	23 52	0 12	2 9	0 39	23 5	0 34	25 34	16 54	0 5	0 11	5 1			n.a.
T 24	3 5	3s28	1n 2	12 17	2 17	2 17	1 1	12 8	1 4	15 32	0 24	23 52	0 12	2 8	0 39	23 5	0 34	25 33	16 54	0 5	0 10	4 59			n.a.
F 25	2 42	7 59	2 20	11 34	2 14	1 45	0 59	11 51	1 4	15 35	0 24	23 52	0 12	2 7	0 39	23 5	0 34	25 33	16 54	0 5	0 9	4 57			n.a.
S 26	2 19	11 54	3 27	10 49	2 10	1 14	0 58	11 34	1 4	15 39	0 24	23 52	0 12	2 6	0 40	23 5	0 34	25 32	16 54	0 4	0 7	4 55			n.a.
S 27	1 55	15 0	4 20	10 3	2 5	0 43	0 56	11 18	1 4	15 42	0 24	23 52	0 12	2 5	0 40	23 5	0 34	25 32	16 54	0 4	0 6	4 53			n.a.
M28	1 32	17 9	4 56	9 15	2 0	0 11	0 54	11 1	1 3	15 46	0 23	23 52	0 12	2 4	0 40	23 5	0 34	25 31	16 54	0 4	0 5	4 51			n.a.
T 29	1 9	18 18	5 15	8 26	1 54	0n20	0 52	10 44	1 3	15 50	0 23	23 52	0 12	2 3	0 40	23 5	0 34	25 31	16 54	0 4	0 4	4 50			n.a.
W30	0 45	18 29	5 17	7 35	1 48	0 52	0 50	10 27	1 3	15 53	0 23	23 52	0 12	2 2	0 40	23 5	0 34	25 31	16 54	0 4	0 2	4 48			n.a.
T 31	0s22	17s44	5n 5	6s43	1s41	1n23	0s49	10s10	1s 3	15n57	0s23	23s52	0s13	2s 1	0n40	23s 5	0n34	25s30	16s55	0n 4	0s 1	4s46			n.a.

Julian Day Number = 1308384.5, Delta T = 07h43m53s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'07, Lahiri = -19°34'06 Julian Calendar 1 March 1131 BCE == Greg. Calendar 18 Feb. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

APRIL 1131 BCE (-1130) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 53 59	0♈ 3'42	28♉52	19♓ 6	6♈30	7♓27	14♉14	6♉41	6°R27	23♐26	4♓50	29°D50	29♍59	15♓ 7	n.a.	F 1
S 2	11 57 55	1° 1'30	10♒53	21° 6	7°44	8°12	14°25	6°44	6♎24	23°26	4°51	29♍50	29°56	15°14	n.a.	S 2
S 3	12 1 52	1°59'16	22°46	23° 8	8°58	8°56	14°37	6°46	6°22	23°26	4°53	29°50	29°53	15°20	n.a.	S 3
M 4	12 5 48	2°57'01	4♓34	25°11	10°12	9°41	14°48	6°49	6°19	23°26	4°54	29°51	29°50	15°27	n.a.	M 4
T 5	12 9 45	3°54'45	16°21	27°16	11°25	10°26	15° 0	6°51	6°17	23°26	4°55	29°51	29°47	15°34	n.a.	T 5
W 6	12 13 41	4°52'27	28° 9	29°22	12°39	11°10	15°12	6°53	6°14	23°R26	4°57	29°R51	29°43	15°40	n.a.	W 6
T 7	12 17 38	5°50'07	10♈ 1	1♈30	13°53	11°55	15°24	6°55	6°12	23°26	4°58	29°51	29°40	15°47	n.a.	T 7
F 8	12 21 34	6°47'46	21°58	3°39	15° 7	12°39	15°36	6°57	6° 9	23°26	4°59	29°51	29°37	15°54	n.a.	F 8
S 9	12 25 31	7°45'24	4♉ 3	5°48	16°20	13°23	15°48	6°59	6° 7	23°26	5° 0	29°50	29°34	16° 0	n.a.	S 9
S 10	12 29 28	8°43'00	16°18	7°59	17°34	14° 8	16° 0	7° 1	6° 4	23°26	5° 2	29°49	29°31	16° 7	n.a.	S 10
M11	12 33 24	9°40'35	28°45	10° 9	18°48	14°52	16°12	7° 3	6° 2	23°26	5° 3	29°47	29°28	16°14	n.a.	M11
T 12	12 37 21	10°38'08	11♊27	12°21	20° 1	15°36	16°24	7° 4	5°59	23°25	5° 4	29°46	29°24	16°20	n.a.	T 12
W13	12 41 17	11°35'40	24°25	14°32	21°15	16°20	16°36	7° 6	5°57	23°25	5° 5	29°45	29°21	16°27	n.a.	W13
T 14	12 45 14	12°33'10	7♋43	16°42	22°29	17° 4	16°49	7° 7	5°54	23°25	5° 6	29°D45	29°18	16°34	n.a.	T 14
F 15	12 49 10	13°30'38	21°21	18°53	23°42	17°48	17° 1	7° 9	5°52	23°25	5° 8	29°45	29°15	16°40	n.a.	F 15
S 16	12 53 7	14°28'05	5♌20	21° 2	24°56	18°32	17°13	7°10	5°49	23°24	5° 9	29°45	29°12	16°47	n.a.	S 16
S 17	12 57 3	15°25'31	19°41	23°10	26° 9	19°16	17°26	7°11	5°47	23°24	5°10	29°46	29° 8	16°54	n.a.	S 17
M18	13 1 0	16°22'55	4♍20	25°17	27°23	20° 0	17°38	7°12	5°44	23°24	5°11	29°48	29° 5	17° 0	n.a.	M18
T 19	13 4 56	17°20'17	19°13	27°22	28°37	20°44	17°51	7°13	5°42	23°23	5°12	29°48	29° 2	17° 7	n.a.	T 19
W20	13 8 53	18°17'39	4♎13	29°26	29°50	21°28	18° 3	7°14	5°39	23°23	5°13	29°R49	28°59	17°14	n.a.	W20
T 21	13 12 50	19°14'59	19°13	1♉27	1♉ 4	22°11	18°16	7°15	5°37	23°22	5°14	29°48	28°56	17°20	n.a.	T 21
F 22	13 16 46	20°12'18	4♏ 4	3°26	2°17	22°55	18°29	7°16	5°34	23°22	5°15	29°46	28°53	17°27	n.a.	F 22
S 23	13 20 43	21° 9'36	18°38	5°24	3°31	23°39	18°41	7°16	5°32	23°21	5°16	29°44	28°49	17°33	n.a.	S 23
S 24	13 24 39	22° 6'54	2♐50	7°18	4°44	24°22	18°54	7°17	5°30	23°21	5°18	29°41	28°46	17°40	n.a.	S 24
M25	13 28 36	23° 4'10	16°36	9°11	5°58	25° 6	19° 7	7°17	5°27	23°20	5°19	29°38	28°43	17°47	n.a.	M25
T 26	13 32 32	24° 1'26	29°54	11° 0	7°11	25°49	19°20	7°17	5°25	23°20	5°20	29°35	28°40	17°53	n.a.	T 26
W27	13 36 29	24°58'42	12♑48	12°47	8°25	26°32	19°33	7°18	5°23	23°19	5°21	29°33	28°37	18° 0	n.a.	W27
T 28	13 40 26	25°55'57	25°19	14°32	9°38	27°16	19°45	7°R18	5°20	23°18	5°22	29°D33	28°34	18° 7	n.a.	T 28
F 29	13 44 22	26°53'11	7♒32	16°14	10°51	27°59	19°58	7°18	5°18	23°18	5°23	29°33	28°30	18°13	n.a.	F 29
S 30	13 48 19	27♈50'25	19♒32	17♉53	12♉ 5	28♓42	20♉11	7♉18	5♎16	23♐17	5♓24	29♍35	28♍27	18♓20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n 2	16s11	4n38	5s49	1s34	1n55	0s47	9s53	1s 2	16n 0	0s23	23s52	0s13	2s 0	0n40	23s 5	0n34	25s30	16s55	0n 4	0n 0	4s44		n.a.
S 2	0 25	13 56	4 0	4 54	1 26	2 26	0 45	9 35	1 2	16 4	0 23	23 52	0 13	1 59	0 39	23 5	0 34	25 29	16 55	0 4	0 2	4 42		n.a.
S 3	0 48	11 8	3 12	3 57	1 18	2 58	0 43	9 18	1 2	16 7	0 22	23 52	0 13	1 58	0 39	23 5	0 34	25 29	16 55	0 4	0 3	4 41		n.a.
M 4	1 11	7 53	2 16	3 0	1 9	3 29	0 40	9 1	1 2	16 11	0 22	23 52	0 13	1 57	0 39	23 5	0 34	25 29	16 55	0 4	0 4	4 39		n.a.
T 5	1 35	4 20	1 14	2 1	1 0	4 0	0 38	8 43	1 1	16 15	0 22	23 52	0 13	1 56	0 39	23 5	0 34	25 28	16 55	0 4	0 5	4 37		n.a.
W 6	1 58	0 36	0 9	1 1	0 51	4 31	0 36	8 26	1 1	16 18	0 22	23 52	0 13	1 55	0 39	23 5	0 34	25 28	16 56	0 4	0 7	4 35		n.a.
T 7	2 21	3n10	0s56	0 1	0 41	5 2	0 34	8 9	1 1	16 22	0 22	23 52	0 13	1 54	0 39	23 5	0 34	25 28	16 56	0 4	0 8	4 33		n.a.
F 8	2 44	6 51	2 0	1n 0	0 31	5 33	0 32	7 51	1 1	16 26	0 22	23 52	0 13	1 53	0 39	23 5	0 34	25 27	16 56	0 4	0 9	4 31		n.a.
S 9	3 8	10 16	2 59	2 2	0 20	6 4	0 30	7 33	1 0	16 29	0 22	23 52	0 13	1 52	0 39	23 5	0 34	25 27	16 56	0 4	0 11	4 30		n.a.
S 10	3 31	13 18	3 50	3 4	0 10	6 35	0 27	7 16	1 0	16 33	0 21	23 52	0 14	1 51	0 39	23 5	0 34	25 27	16 56	0 5	0 12	4 28		n.a.
M11	3 54	15 47	4 32	4 6	0n 1	7 5	0 25	6 58	1 0	16 37	0 21	23 52	0 14	1 50	0 39	23 5	0 34	25 26	16 56	0 5	0 13	4 26		n.a.
T 12	4 17	17 33	5 1	5 8	0 11	7 36	0 23	6 41	0 59	16 40	0 21	23 52	0 14	1 49	0 39	23 5	0 34	25 26	16 57	0 6	0 14	4 24		n.a.
W13	4 39	18 27	5 16	6 9	0 22	8 6	0 21	6 23	0 59	16 44	0 21	23 52	0 14	1 48	0 39	23 5	0 34	25 26	16 57	0 6	0 16	4 22		n.a.
T 14	5 2	18 22	5 14	7 10	0 32	8 36	0 18	6 5	0 59	16 48	0 21	23 52	0 14	1 47	0 39	23 5	0 34	25 26	16 57	0 6	0 17	4 21		n.a.
F 15	5 25	17 15	4 55	8 10	0 42	9 6	0 16	5 47	0 58	16 51	0 21	23 52	0 14	1 46	0 39	23 5	0 34	25 25	16 57	0 6	0 18	4 19		n.a.
S 16	5 48	15 4	4 18	9 9	0 52	9 36	0 14	5 30	0 58	16 55	0 21	23 52	0 14	1 45	0 39	23 5	0 34	25 25	16 58	0 6	0 20	4 17		n.a.
S 17	6 10	11 55	3 24	10 6	1 2	10 5	0 11	5 12	0 58	16 59	0 20	23 52	0 14	1 44	0 39	23 5	0 34	25 25	16 58	0 5	0 21	4 15		n.a.
M18	6 33	7 58	2 17	11 2	1 11	10 34	0 9	4 54	0 57	17 3	0 20	23 52	0 14	1 43	0 39	23 5	0 34	25 25	16 58	0 5	0 22	4 13		n.a.
T 19	6 55	3 27	0 58	11 57	1 20	11 3	0 6	4 36	0 57	17 6	0 20	23 52	0 15	1 42	0 39	23 5	0 34	25 24	16 58	0 5	0 23	4 11		n.a.
W20	7 17	1s20	0n24	12 49	1 28	11 32	0 4	4 18	0 57	17 10	0 20	23 52	0 15	1 41	0 39	23 5	0 34	25 24	16 58	0 5	0 25	4 10		n.a.
T 21	7 39	6 1	1 45	13 40	1 36	12 0	0 2	4 0	0 56	17 14	0 20	23 52	0 15	1 40	0 39	23 5	0 34	25 24	16 59	0 5	0 26	4 8		n.a.
F 22	8 1	10 17	2 58	14 29	1 43	12 29	0n 1	3 43	0 56	17 17	0 20	23 52	0 15	1 39	0 39	23 5	0 34	25 24	16 59	0 6	0 27	4 6		n.a.
S 23	8 23	13 50	3 58	15 15	1 50	12 56	0 3	3 25	0 56	17 21	0 20	23 52	0 15	1 38	0 39	23 5	0 34	25 24	16 59	0 7	0 29	4 4		n.a.
S 24	8 45	16 28	4 41	16 0	1 56	13 24	0 6	3 7	0 55	17 25	0 20	23 53	0 15	1 37	0 39	23 5	0 34	25 23	16 59	0 8	0 30	4 2		n.a.
M25	9 6	18 3	5 7	16 42	2 1	13 51	0 8	2 49	0 55	17 28	0 19	23 53	0 15	1 36	0 39	23 5	0 34	25 23	17 0	0 9	0 31	4 0		n.a.
T 26	9 28	18 35	5 15	17 21	2 6	14 18	0 11	2 31	0 54	17 32	0 19	23 53	0 15	1 35	0 39	23 5	0 34	25 23	17 0	0 10	0 32	3 59		n.a.
W27	9 49	18 7	5 7	17 59	2 9	14 45	0 13	2 13	0 54	17 36	0 19	23 53	0 15	1 34	0 39	23 5	0 34	25 23	17 0	0 11	0 34	3 57		n.a.
T 28	10 11	16 46	4 44	18 34	2 12	15 11	0 16	1 55	0 54	17 39	0 19	23 53	0 16	1 33	0 39	23 5	0 34	25 23	17 0	0 11	0 35	3 55		n.a.
F 29	10 32	14 41	4 9	19 6	2 15	15 37	0 18	1 38	0 53	17 43	0 19	23 53	0 16	1 32	0 39	23 5	0 34	25 23	17 1	0 11	0 36	3 53		n.a.
S 30	10n52	11s59	3n23	19n37	2n16	16n 2	0n21	1s20	0s53	17n47	0s19	23s53	0s16	1s32	0n39	23s 5	0n34	25s23	17s 1	0n10	0n37	3s51		n.a.

Julian Day Number = 1308415.5, Delta T = 07h43m51s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°41'02, Lahiri = -19°34'02 Julian Calendar 1 Apr. 1131 BCE == Greg. Calendar 21 March 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

MAY 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 15	28♈47'38	1♓23	19♉29	13♉18	29♓25	20♉24	7°R17	5°R13	23°R16	5♓24	29♍36	28♍24	18♓27	n.a.	S 1
M 2	13 56 12	29°44'50	13°11	21° 3	14°32	0♈ 8	20°38	7♊17	5♎11	23♐15	5°25	29°38	28°21	18°33	n.a.	M 2
T 3	14 0 8	0♉42'02	24°58	22°34	15°45	0°51	20°51	7°17	5° 9	23°15	5°26	29°R39	28°18	18°40	n.a.	T 3
W 4	14 4 5	1°39'14	6♈49	24° 2	16°59	1°34	21° 4	7°16	5° 7	23°14	5°27	29°39	28°14	18°47	n.a.	W 4
T 5	14 8 1	2°36'25	18°48	25°27	18°12	2°17	21°17	7°15	5° 5	23°13	5°28	29°37	28°11	18°53	n.a.	T 5
F 6	14 11 58	3°33'35	0♉55	26°50	19°25	3° 0	21°30	7°15	5° 3	23°12	5°29	29°34	28° 8	19° 0	n.a.	F 6
S 7	14 15 54	4°30'45	13°14	28° 9	20°39	3°43	21°43	7°14	5° 0	23°11	5°30	29°29	28° 5	19° 7	n.a.	S 7
S 8	14 19 51	5°27'55	25°45	29°26	21°52	4°25	21°57	7°13	4°58	23°10	5°31	29°24	28° 2	19°13	n.a.	S 8
M 9	14 23 48	6°25'03	8♊29	0♊40	23° 5	5° 8	22°10	7°12	4°56	23° 9	5°31	29°17	27°59	19°20	n.a.	M 9
T 10	14 27 44	7°22'12	21°27	1°50	24°19	5°51	22°23	7°11	4°54	23° 8	5°32	29°11	27°55	19°26	n.a.	T 10
W11	14 31 41	8°19'19	4♋38	2°58	25°32	6°33	22°36	7°10	4°52	23° 7	5°33	29° 6	27°52	19°33	n.a.	W11
T 12	14 35 37	9°16'26	18° 2	4° 2	26°45	7°16	22°50	7° 9	4°50	23° 6	5°34	29° 3	27°49	19°40	n.a.	T 12
F 13	14 39 34	10°13'33	1♌42	5° 3	27°59	7°58	23° 3	7° 7	4°49	23° 5	5°34	29° 1	27°46	19°46	n.a.	F 13
S 14	14 43 30	11°10'38	15°35	6° 1	29°12	8°40	23°16	7° 6	4°47	23° 4	5°35	29°D 1	27°43	19°53	n.a.	S 14
S 15	14 47 27	12° 7'44	29°43	6°56	0♊25	9°23	23°30	7° 4	4°45	23° 3	5°36	29° 2	27°40	20° 0	n.a.	S 15
M16	14 51 24	13° 4'48	14♍ 4	7°46	1°38	10° 5	23°43	7° 3	4°43	23° 2	5°36	29° 3	27°36	20° 6	n.a.	M16
T 17	14 55 20	14° 1'52	28°36	8°34	2°52	10°47	23°57	7° 1	4°41	23° 1	5°37	29°R 3	27°33	20°13	n.a.	T 17
W18	14 59 17	14°58'55	13♎15	9°17	4° 5	11°29	24°10	6°59	4°40	22°59	5°38	29° 3	27°30	20°20	n.a.	W18
T 19	15 3 13	15°55'59	27°55	9°57	5°18	12°11	24°23	6°57	4°38	22°58	5°38	29° 0	27°27	20°26	n.a.	T 19
F 20	15 7 10	16°53'02	12♏30	10°32	6°31	12°53	24°37	6°55	4°36	22°57	5°39	28°55	27°24	20°33	n.a.	F 20
S 21	15 11 6	17°50'04	26°54	11° 4	7°44	13°35	24°50	6°53	4°35	22°56	5°40	28°48	27°20	20°40	n.a.	S 21
S 22	15 15 3	18°47'07	11♐ 0	11°31	8°57	14°17	25° 4	6°51	4°33	22°55	5°40	28°41	27°17	20°46	n.a.	S 22
M23	15 18 59	19°44'10	24°43	11°55	10°11	14°58	25°17	6°49	4°32	22°53	5°41	28°33	27°14	20°53	n.a.	M23
T 24	15 22 56	20°41'14	8♑ 3	12°13	11°24	15°40	25°31	6°46	4°30	22°52	5°41	28°25	27°11	21° 0	n.a.	T 24
W25	15 26 53	21°38'17	20°58	12°27	12°37	16°22	25°44	6°44	4°29	22°51	5°42	28°20	27° 8	21° 6	n.a.	W25
T 26	15 30 49	22°35'21	3♒31	12°37	13°50	17° 3	25°58	6°41	4°27	22°49	5°42	28°16	27° 5	21°13	n.a.	T 26
F 27	15 34 46	23°32'25	15°45	12°42	15° 3	17°45	26°11	6°39	4°26	22°48	5°43	28°14	27° 1	21°19	n.a.	F 27
S 28	15 38 42	24°29'30	27°45	12°R42	16°16	18°26	26°25	6°36	4°25	22°47	5°43	28°D14	26°58	21°26	n.a.	S 28
S 29	15 42 39	25°26'35	9♓37	12°38	17°29	19° 8	26°38	6°33	4°23	22°45	5°43	28°14	26°55	21°33	n.a.	S 29
M30	15 46 35	26°23'40	21°25	12°29	18°42	19°49	26°52	6°31	4°22	22°44	5°44	28°15	26°52	21°39	n.a.	M30
T 31	15 50 32	27♉20'46	3♈14	12♊16	19♊55	20♈30	27♉ 5	6♊28	4♎21	22♐42	5♓44	28°R15	26♍49	21♓46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n13	8s50	2n29	20n 5	2n17	16n27	0n23	1s 2	0s52	17n50	0s19	23s53	0s16	1s31	0n39	23s 5	0n34	25s23	17s 1	0n10	0n39	3s49			n.a.
M 2	11 34	5 21	1 29	20 31	2 17	16 52	0 25	0 44	0 52	17 54	0 19	23 53	0 16	1 30	0 39	23 5	0 34	25 22	17 2	0 9	0 40	3 48			n.a.
T 3	11 54	1 38	0 26	20 55	2 17	17 16	0 28	0 26	0 52	17 58	0 18	23 54	0 16	1 29	0 39	23 5	0 34	25 22	17 2	0 9	0 41	3 46			n.a.
W 4	12 14	2n 9	0s39	21 16	2 15	17 40	0 30	0 9	0 51	18 1	0 18	23 54	0 16	1 28	0 39	23 5	0 34	25 22	17 2	0 9	0 43	3 44			n.a.
T 5	12 34	5 54	1 43	21 35	2 13	18 3	0 33	0n 9	0 51	18 5	0 18	23 54	0 16	1 27	0 39	23 5	0 34	25 22	17 2	0 9	0 44	3 42			n.a.
F 6	12 54	9 27	2 43	21 53	2 11	18 26	0 35	0 27	0 50	18 8	0 18	23 54	0 17	1 26	0 39	23 5	0 34	25 22	17 3	0 11	0 45	3 40			n.a.
S 7	13 14	12 38	3 36	22 8	2 7	18 48	0 37	0 44	0 50	18 12	0 18	23 54	0 17	1 26	0 39	23 5	0 34	25 22	17 3	0 12	0 46	3 38			n.a.
S 8	13 33	15 19	4 19	22 21	2 3	19 10	0 40	1 2	0 49	18 16	0 18	23 54	0 17	1 25	0 39	23 4	0 34	25 22	17 3	0 15	0 48	3 37			n.a.
M 9	13 53	17 18	4 51	22 32	1 58	19 31	0 42	1 20	0 49	18 19	0 18	23 54	0 17	1 24	0 39	23 4	0 34	25 22	17 4	0 17	0 49	3 35			n.a.
T 10	14 12	18 26	5 8	22 42	1 52	19 52	0 44	1 37	0 48	18 23	0 18	23 55	0 17	1 23	0 39	23 4	0 34	25 22	17 4	0 20	0 50	3 33			n.a.
W11	14 30	18 36	5 9	22 49	1 46	20 12	0 47	1 55	0 48	18 26	0 17	23 55	0 17	1 22	0 39	23 4	0 34	25 22	17 4	0 22	0 52	3 31			n.a.
T 12	14 49	17 44	4 54	22 55	1 39	20 32	0 49	2 12	0 47	18 30	0 17	23 55	0 17	1 22	0 39	23 4	0 34	25 22	17 5	0 23	0 53	3 29			n.a.
F 13	15 7	15 51	4 22	22 59	1 31	20 51	0 51	2 29	0 47	18 33	0 17	23 55	0 17	1 21	0 39	23 4	0 34	25 22	17 5	0 24	0 54	3 27			n.a.
S 14	15 25	13 1	3 34	23 1	1 22	21 10	0 53	2 47	0 47	18 37	0 17	23 55	0 17	1 20	0 39	23 4	0 34	25 22	17 5	0 24	0 55	3 25			n.a.
S 15	15 43	9 23	2 32	23 1	1 13	21 28	0 55	3 4	0 46	18 40	0 17	23 56	0 18	1 19	0 39	23 4	0 34	25 22	17 6	0 24	0 57	3 24			n.a.
M16	16 1	5 8	1 20	23 0	1 3	21 46	0 58	3 21	0 46	18 44	0 17	23 56	0 18	1 19	0 39	23 4	0 34	25 22	17 6	0 23	0 58	3 22			n.a.
T 17	16 18	0 32	0 2	22 58	0 53	22 3	1 0	3 39	0 45	18 47	0 17	23 56	0 18	1 18	0 39	23 4	0 34	25 22	17 6	0 23	0 59	3 20			n.a.
W18	16 36	4s 9	1n16	22 53	0 42	22 19	1 2	3 56	0 45	18 51	0 17	23 56	0 18	1 17	0 39	23 4	0 34	25 22	17 7	0 23	1 1	3 18			n.a.
T 19	16 52	8 35	2 30	22 48	0 30	22 35	1 4	4 13	0 44	18 54	0 17	23 56	0 18	1 17	0 39	23 4	0 34	25 22	17 7	0 24	1 2	3 16			n.a.
F 20	17 9	12 28	3 33	22 41	0 18	22 50	1 6	4 30	0 44	18 58	0 16	23 57	0 18	1 16	0 39	23 4	0 34	25 22	17 7	0 26	1 3	3 14			n.a.
S 21	17 25	15 32	4 21	22 33	0 5	23 4	1 8	4 47	0 43	19 1	0 16	23 57	0 18	1 16	0 39	23 4	0 34	25 22	17 8	0 29	1 4	3 13			n.a.
S 22	17 41	17 37	4 53	22 23	0s 8	23 18	1 10	5 4	0 43	19 5	0 16	23 57	0 18	1 15	0 39	23 4	0 34	25 23	17 8	0 32	1 6	3 11			n.a.
M23	17 57	18 37	5 7	22 13	0 22	23 31	1 11	5 21	0 42	19 8	0 16	23 57	0 18	1 14	0 39	23 4	0 34	25 23	17 8	0 35	1 7	3 9			n.a.
T 24	18 13	18 32	5 3	22 1	0 37	23 43	1 13	5 38	0 41	19 11	0 16	23 58	0 19	1 14	0 39	23 3	0 34	25 23	17 9	0 38	1 8	3 7			n.a.
W25	18 28	17 29	4 44	21 48	0 52	23 55	1 15	5 54	0 41	19 15	0 16	23 58	0 19	1 13	0 38	23 3	0 34	25 23	17 9	0 41	1 10	3 5			n.a.
T 26	18 43	15 36	4 11	21 34	1 7	24 6	1 17	6 11	0 40	19 18	0 16	23 58	0 19	1 13	0 38	23 3	0 34	25 23	17 9	0 42	1 11	3 3			n.a.
F 27	18 58	13 4	3 28	21 20	1 22	24 16	1 18	6 28	0 40	19 21	0 16	23 58	0 19	1 12	0 38	23 3	0 34	25 23	17 10	0 43	1 12	3 1			n.a.
S 28	19 12	10 0	2 36	21 4	1 38	24 26	1 20	6 44	0 39	19 25	0 16	23 59	0 19	1 12	0 38	23 3	0 34	25 23	17 10	0 43	1 13	3 0			n.a.
S 29	19 26	6 34	1 39	20 48	1 53	24 35	1 22	7 1	0 39	19 28	0 15	23 59	0 19	1 11	0 38	23 3	0 34	25 23	17 10	0 43	1 15	2 58			n.a.
M30	19 40	2 54	0 37	20 32	2 9	24 43	1 23	7 17	0 38	19 31	0 15	23 59	0 19	1 11	0 38	23 3	0 34	25 24	17 11	0 42	1 16	2 56			n.a.
T 31	19n53	0n54	0s27	20n15	2s24	24n50	1n24	7n33	0s38	19n35	0s15	23s59	0s19	1s10	0n38	23s 3	0n34	25s24	17s11	0n42	1n17	2s54			n.a.

Julian Day Number = 1308445.5, Delta T = 07h43m50s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'58, Lahiri = -19°33'58 Julian Calendar 1 May 1131 BCE == Greg. Calendar 20 Apr. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

JUNE 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 54 29	28♉17'52	15♈10	11°R58	21♊ 8	21♈12	27♉19	6°R25	4°R20	22°R41	5♓44	28°R14	26♍45	21♓53	n.a.	W 1
T 2	15 58 25	29°14'59	27°15	11♊36	22°21	21°53	27°32	6♋22	4♎19	22♐40	5°45	28♍10	26°42	21°59	n.a.	T 2
F 3	16 2 22	0♊12'06	9♉34	11°10	23°34	22°34	27°46	6°18	4°18	22°38	5°45	28° 4	26°39	22° 6	n.a.	F 3
S 4	16 6 18	1° 9'14	22° 8	10°40	24°47	23°15	27°59	6°15	4°17	22°37	5°45	27°55	26°36	22°13	n.a.	S 4
S 5	16 10 15	2° 6'23	4♊58	10° 8	26° 0	23°56	28°13	6°12	4°16	22°35	5°46	27°45	26°33	22°19	n.a.	S 5
M 6	16 14 11	3° 3'31	18° 3	9°32	27°13	24°37	28°26	6° 9	4°15	22°34	5°46	27°34	26°30	22°26	n.a.	M 6
T 7	16 18 8	4° 0'41	1♋23	8°55	28°26	25°18	28°40	6° 5	4°14	22°32	5°46	27°24	26°26	22°33	n.a.	T 7
W 8	16 22 4	4°57'50	14°54	8°16	29°39	25°58	28°53	6° 2	4°13	22°31	5°46	27°14	26°23	22°39	n.a.	W 8
T 9	16 26 1	5°55'00	28°36	7°36	0♌52	26°39	29° 7	5°58	4°12	22°29	5°47	27° 7	26°20	22°46	n.a.	T 9
F 10	16 29 58	6°52'11	12♌27	6°56	2° 5	27°20	29°20	5°55	4°11	22°27	5°47	27° 3	26°17	22°52	n.a.	F 10
S 11	16 33 54	7°49'21	26°25	6°16	3°18	28° 0	29°34	5°51	4°11	22°26	5°47	27° 1	26°14	22°59	n.a.	S 11
S 12	16 37 51	8°46'32	10♍29	5°38	4°30	28°41	29°47	5°47	4°10	22°24	5°47	27°D 0	26°11	23° 6	n.a.	S 12
M13	16 41 47	9°43'44	24°38	5° 1	5°43	29°21	0♊ 0	5°43	4°10	22°23	5°47	27°R 0	26° 7	23°12	n.a.	M13
T 14	16 45 44	10°40'55	8♎52	4°27	6°56	0♉ 2	0°14	5°40	4° 9	22°21	5°47	27° 0	26° 4	23°19	n.a.	T 14
W15	16 49 40	11°38'08	23° 8	3°56	8° 9	0°42	0°27	5°36	4° 9	22°20	5°47	26°58	26° 1	23°26	n.a.	W15
T 16	16 53 37	12°35'20	7♏23	3°29	9°22	1°22	0°40	5°32	4° 8	22°18	5°47	26°53	25°58	23°32	n.a.	T 16
F 17	16 57 33	13°32'34	21°34	3° 6	10°34	2° 2	0°54	5°28	4° 8	22°16	5°R47	26°46	25°55	23°39	n.a.	F 17
S 18	17 1 30	14°29'48	5♐37	2°48	11°47	2°43	1° 7	5°24	4° 8	22°15	5°47	26°36	25°51	23°46	n.a.	S 18
S 19	17 5 27	15°27'03	19°25	2°35	13° 0	3°23	1°20	5°20	4° 7	22°13	5°47	26°25	25°48	23°52	n.a.	S 19
M20	17 9 23	16°24'19	2♑57	2°28	14°12	4° 3	1°34	5°16	4° 7	22°12	5°47	26°13	25°45	23°59	n.a.	M20
T 21	17 13 20	17°21'36	16° 8	2°D26	15°25	4°42	1°47	5°11	4° 7	22°10	5°47	26° 2	25°42	24° 6	n.a.	T 21
W22	17 17 16	18°18'54	28°58	2°30	16°38	5°22	2° 0	5° 7	4° 7	22° 8	5°47	25°53	25°39	24°12	n.a.	W22
T 23	17 21 13	19°16'14	11♒29	2°41	17°50	6° 2	2°13	5° 3	4° 7	22° 7	5°47	25°46	25°36	24°19	n.a.	T 23
F 24	17 25 9	20°13'34	23°42	2°58	19° 3	6°42	2°26	4°59	4°D 7	22° 5	5°47	25°41	25°32	24°26	n.a.	F 24
S 25	17 29 6	21°10'56	5♓42	3°21	20°15	7°21	2°40	4°54	4° 7	22° 3	5°46	25°39	25°29	24°32	n.a.	S 25
S 26	17 33 3	22° 8'19	17°33	3°50	21°28	8° 1	2°53	4°50	4° 7	22° 2	5°46	25°38	25°26	24°39	n.a.	S 26
M27	17 36 59	23° 5'44	29°22	4°26	22°40	8°41	3° 6	4°46	4° 7	22° 0	5°46	25°38	25°23	24°45	n.a.	M27
T 28	17 40 56	24° 3'09	11♈12	5° 8	23°53	9°20	3°19	4°41	4° 7	21°59	5°46	25°38	25°20	24°52	n.a.	T 28
W29	17 44 52	25° 0'37	23°11	5°57	25° 5	9°59	3°32	4°37	4° 7	21°57	5°45	25°36	25°17	24°59	n.a.	W29
T 30	17 48 49	25♊58'06	5♉21	6♊51	26♋18	10♉39	3♊45	4♋33	4♎ 8	21♐55	5♓45	25♍31	25♍13	25♓ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 6	4n42	1s29	19n57	2s40	24n57	1n26	7n50	0s37	19n38	0s15	24s 0	0s20	1s10	0n38	23s 3	0n34	25s24	17s12	0n43	1n19	2s52		n.a.
T 2	20 19	8 21	2 29	19 39	2 55	25 3	1 27	8 6	0 36	19 41	0 15	24 0	0 20	1 9	0 38	23 3	0 34	25 24	17 12	0 44	1 20	2 50		n.a.
F 3	20 31	11 43	3 22	19 22	3 9	25 8	1 28	8 22	0 36	19 44	0 15	24 0	0 20	1 9	0 38	23 3	0 34	25 24	17 12	0 47	1 21	2 48		n.a.
S 4	20 43	14 38	4 7	19 4	3 22	25 13	1 30	8 38	0 35	19 47	0 15	24 0	0 20	1 9	0 38	23 3	0 34	25 25	17 13	0 50	1 22	2 47		n.a.
S 5	20 55	16 53	4 40	18 47	3 35	25 17	1 31	8 54	0 35	19 51	0 15	24 1	0 20	1 8	0 38	23 3	0 34	25 25	17 13	0 54	1 24	2 45		n.a.
M 6	21 6	18 19	4 59	18 30	3 47	25 20	1 32	9 9	0 34	19 54	0 15	24 1	0 20	1 8	0 38	23 3	0 34	25 25	17 13	0 59	1 25	2 43		n.a.
T 7	21 18	18 47	5 2	18 14	3 58	25 22	1 33	9 25	0 34	19 57	0 15	24 1	0 20	1 8	0 38	23 2	0 34	25 25	17 14	1 3	1 26	2 41		n.a.
W 8	21 28	18 11	4 49	17 58	4 7	25 24	1 34	9 41	0 33	20 0	0 14	24 1	0 20	1 7	0 38	23 2	0 34	25 26	17 14	1 7	1 28	2 39		n.a.
T 9	21 39	16 33	4 19	17 44	4 15	25 24	1 35	9 56	0 32	20 3	0 14	24 2	0 20	1 7	0 38	23 2	0 34	25 26	17 14	1 10	1 29	2 37		n.a.
F 10	21 48	13 56	3 34	17 31	4 22	25 24	1 36	10 12	0 32	20 6	0 14	24 2	0 21	1 7	0 38	23 2	0 34	25 26	17 15	1 12	1 30	2 35		n.a.
S 11	21 58	10 29	2 35	17 19	4 27	25 24	1 36	10 27	0 31	20 9	0 14	24 2	0 21	1 7	0 38	23 2	0 34	25 26	17 15	1 12	1 31	2 34		n.a.
S 12	22 7	6 25	1 27	17 9	4 30	25 22	1 37	10 42	0 31	20 12	0 14	24 3	0 21	1 6	0 38	23 2	0 34	25 27	17 16	1 13	1 33	2 32		n.a.
M13	22 16	1 58	0 13	17 1	4 32	25 20	1 38	10 57	0 30	20 15	0 14	24 3	0 21	1 6	0 38	23 2	0 34	25 27	17 16	1 12	1 34	2 30		n.a.
T 14	22 25	2s37	1n 3	16 55	4 32	25 17	1 38	11 12	0 29	20 18	0 14	24 3	0 21	1 6	0 38	23 2	0 34	25 27	17 16	1 13	1 35	2 28		n.a.
W15	22 33	7 4	2 14	16 50	4 31	25 13	1 39	11 27	0 29	20 21	0 14	24 3	0 21	1 6	0 38	23 2	0 34	25 28	17 17	1 13	1 36	2 26		n.a.
T 16	22 40	11 6	3 17	16 48	4 28	25 8	1 39	11 42	0 28	20 24	0 14	24 4	0 21	1 6	0 38	23 2	0 34	25 28	17 17	1 15	1 38	2 24		n.a.
F 17	22 48	14 29	4 7	16 48	4 23	25 3	1 40	11 57	0 27	20 27	0 14	24 4	0 21	1 6	0 38	23 2	0 34	25 28	17 17	1 18	1 39	2 22		n.a.
S 18	22 55	16 58	4 42	16 51	4 17	24 57	1 40	12 11	0 27	20 30	0 13	24 4	0 21	1 6	0 38	23 2	0 34	25 29	17 18	1 22	1 40	2 21		n.a.
S 19	23 1	18 26	4 59	16 56	4 10	24 50	1 40	12 26	0 26	20 33	0 13	24 5	0 22	1 5	0 38	23 1	0 34	25 29	17 18	1 27	1 42	2 19		n.a.
M20	23 7	18 48	4 59	17 2	4 2	24 43	1 40	12 40	0 26	20 35	0 13	24 5	0 22	1 5	0 38	23 1	0 34	25 29	17 18	1 32	1 43	2 17		n.a.
T 21	23 13	18 9	4 43	17 12	3 52	24 35	1 40	12 54	0 25	20 38	0 13	24 5	0 22	1 5	0 38	23 1	0 34	25 30	17 19	1 36	1 44	2 15		n.a.
W22	23 18	16 34	4 13	17 23	3 41	24 26	1 40	13 9	0 24	20 41	0 13	24 5	0 22	1 5	0 37	23 1	0 34	25 30	17 19	1 40	1 45	2 13		n.a.
T 23	23 23	14 14	3 31	17 36	3 30	24 16	1 40	13 23	0 24	20 44	0 13	24 6	0 22	1 5	0 37	23 1	0 34	25 30	17 20	1 43	1 47	2 11		n.a.
F 24	23 28	11 19	2 41	17 52	3 17	24 6	1 40	13 37	0 23	20 47	0 13	24 6	0 22	1 5	0 37	23 1	0 34	25 31	17 20	1 45	1 48	2 9		n.a.
S 25	23 32	7 58	1 44	18 9	3 4	23 55	1 40	13 50	0 22	20 49	0 13	24 6	0 22	1 5	0 37	23 1	0 34	25 31	17 20	1 45	1 49	2 8		n.a.
S 26	23 35	4 20	0 43	18 28	2 51	23 43	1 39	14 4	0 22	20 52	0 13	24 6	0 22	1 6	0 37	23 1	0 34	25 32	17 21	1 46	1 51	2 6		n.a.
M27	23 39	0 34	0s20	18 48	2 37	23 31	1 39	14 18	0 21	20 55	0 13	24 7	0 22	1 6	0 37	23 1	0 34	25 32	17 21	1 46	1 52	2 4		n.a.
T 28	23 41	3n15	1 22	19 10	2 22	23 17	1 38	14 31	0 20	20 57	0 12	24 7	0 22	1 6	0 37	23 1	0 34	25 32	17 21	1 46	1 53	2 2		n.a.
W29	23 44	6 59	2 20	19 33	2 8	23 4	1 38	14 44	0 20	21 0	0 12	24 7	0 23	1 6	0 37	23 1	0 34	25 33	17 22	1 47	1 54	2 0		n.a.
T 30	23n46	10n29	3s14	19n57	1s53	22n49	1n37	14n57	0s19	21n 2	0s12	24s 7	0s23	1s 6	0n37	23s 0	0n34	25s33	17s22	1n48	1n56	1s58		n.a.

Julian Day Number = 1308476.5, Delta T = 07h43m48s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'54, Lahiri = -19°33'54 Julian Calendar 1 June 1131 BCE == Greg. Calendar 21 May 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

JULY 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 52 45	26♊55'36	17♉49	7♊52	27♋30	11♉18	3♊58	4°R28	4♎ 8	21°R54	5°R45	25°R25	25♍10	25♓12	n.a.	F 1
S 2	17 56 42	27°53'08	0♊35	8°58	28°42	11°57	4°11	4♏24	4° 9	21♐52	5♓45	25♍15	25° 7	25°19	n.a.	S 2
S 3	18 0 38	28°50'41	13°41	10°10	29°55	12°36	4°23	4°19	4° 9	21°50	5°44	25° 4	25° 4	25°25	n.a.	S 3
M 4	18 4 35	29°48'16	27° 7	11°28	1♌ 7	13°15	4°36	4°15	4°10	21°49	5°44	24°52	25° 1	25°32	n.a.	M 4
T 5	18 8 32	0♋45'52	10♋50	12°51	2°19	13°54	4°49	4°10	4°10	21°47	5°44	24°40	24°57	25°39	n.a.	T 5
W 6	18 12 28	1°43'29	24°47	14°18	3°32	14°33	5° 2	4° 6	4°11	21°46	5°43	24°29	24°54	25°45	n.a.	W 6
T 7	18 16 25	2°41'08	8♌53	15°51	4°44	15°12	5°14	4° 1	4°11	21°44	5°43	24°21	24°51	25°52	n.a.	T 7
F 8	18 20 21	3°38'48	23° 5	17°28	5°56	15°51	5°27	3°57	4°12	21°42	5°42	24°16	24°48	25°59	n.a.	F 8
S 9	18 24 18	4°36'29	7♍17	19° 9	7° 8	16°29	5°40	3°52	4°13	21°41	5°42	24°13	24°45	26° 5	n.a.	S 9
S 10	18 28 14	5°34'11	21°28	20°53	8°21	17° 8	5°52	3°47	4°14	21°39	5°41	24°D12	24°42	26°12	n.a.	S 10
M11	18 32 11	6°31'54	5♎37	22°41	9°33	17°46	6° 5	3°43	4°15	21°38	5°41	24°R12	24°38	26°19	n.a.	M11
T 12	18 36 7	7°29'39	19°41	24°32	10°45	18°25	6°17	3°38	4°16	21°36	5°40	24°12	24°35	26°25	n.a.	T 12
W13	18 40 4	8°27'25	3♏41	26°25	11°57	19° 3	6°30	3°34	4°17	21°35	5°40	24°10	24°32	26°32	n.a.	W13
T 14	18 44 1	9°25'12	17°35	28°20	13° 9	19°41	6°42	3°29	4°18	21°33	5°39	24° 5	24°29	26°38	n.a.	T 14
F 15	18 47 57	10°23'01	1♐22	0♋17	14°21	20°20	6°54	3°25	4°19	21°32	5°39	23°58	24°26	26°45	n.a.	F 15
S 16	18 51 54	11°20'51	14°59	2°14	15°33	20°58	7° 6	3°21	4°20	21°30	5°38	23°48	24°23	26°52	n.a.	S 16
S 17	18 55 50	12°18'42	28°24	4°13	16°45	21°36	7°19	3°16	4°21	21°29	5°37	23°37	24°19	26°58	n.a.	S 17
M18	18 59 47	13°16'36	11♑35	6°13	17°56	22°14	7°31	3°12	4°22	21°27	5°37	23°26	24°16	27° 5	n.a.	M18
T 19	19 3 43	14°14'31	24°30	8°12	19° 8	22°52	7°43	3° 7	4°24	21°26	5°36	23°15	24°13	27°12	n.a.	T 19
W20	19 7 40	15°12'28	7♒ 9	10°12	20°20	23°30	7°55	3° 3	4°25	21°24	5°36	23° 5	24°10	27°18	n.a.	W20
T 21	19 11 36	16°10'26	19°32	12°11	21°32	24° 7	8° 7	2°59	4°26	21°23	5°35	22°58	24° 7	27°25	n.a.	T 21
F 22	19 15 33	17° 8'26	1♓40	14°10	22°43	24°45	8°18	2°54	4°28	21°21	5°34	22°54	24° 3	27°32	n.a.	F 22
S 23	19 19 30	18° 6'29	13°38	16° 8	23°55	25°23	8°30	2°50	4°29	21°20	5°33	22°51	24° 0	27°38	n.a.	S 23
S 24	19 23 26	19° 4'33	25°28	18° 6	25° 7	26° 0	8°42	2°46	4°31	21°18	5°33	22°D51	23°57	27°45	n.a.	S 24
M25	19 27 23	20° 2'40	7♈16	20° 3	26°18	26°38	8°54	2°41	4°32	21°17	5°32	22°52	23°54	27°52	n.a.	M25
T 26	19 31 19	21° 0'48	19° 6	21°59	27°30	27°15	9° 5	2°37	4°34	21°16	5°31	22°R52	23°51	27°58	n.a.	T 26
W27	19 35 16	21°58'59	1♉ 5	23°54	28°41	27°52	9°17	2°33	4°36	21°14	5°30	22°52	23°48	28° 5	n.a.	W27
T 28	19 39 12	22°57'12	13°16	25°47	29°52	28°29	9°28	2°29	4°37	21°13	5°30	22°49	23°44	28°11	n.a.	T 28
F 29	19 43 9	23°55'27	25°46	27°40	1♍ 4	29° 7	9°40	2°25	4°39	21°12	5°29	22°45	23°41	28°18	n.a.	F 29
S 30	19 47 5	24°53'44	8♊38	29°32	2°15	29°44	9°51	2°21	4°41	21°10	5°28	22°39	23°38	28°25	n.a.	S 30
S 31	19 51 2	25♋52'04	21♊53	1♌22	3♍26	0♊21	10♊ 2	2♏17	4♎43	21♐ 9	5♓27	22♍30	23♍35	28♓31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	13n35	3s59	20n22	1s38	22n34	1n36	15n11	0s18	21n 5	0s12	24s 8	0s23	1s 6	0n37	23s 0	0n34	25s34	17s22	1n51	1n57	1s56		n.a.
S 2	23 49	16 8	4 34	20 47	1 23	22 19	1 36	15 23	0 17	21 8	0 12	24 8	0 23	1 6	0 37	23 0	0 34	25 34	17 23	1 55	1 58	1 54		n.a.
S 3	23 49	17 56	4 55	21 13	1 8	22 2	1 35	15 36	0 17	21 10	0 12	24 8	0 23	1 7	0 37	23 0	0 34	25 35	17 23	2 0	2 0	1 53		n.a.
M 4	23 50	18 47	5 1	21 38	0 54	21 45	1 34	15 49	0 16	21 13	0 12	24 8	0 23	1 7	0 37	23 0	0 34	25 35	17 23	2 4	2 1	1 51		n.a.
T 5	23 49	18 34	4 49	22 3	0 39	21 28	1 33	16 1	0 15	21 15	0 12	24 9	0 23	1 7	0 37	23 0	0 34	25 36	17 24	2 9	2 2	1 49		n.a.
W 6	23 49	17 15	4 20	22 28	0 25	21 10	1 31	16 14	0 15	21 17	0 12	24 9	0 23	1 7	0 37	23 0	0 34	25 36	17 24	2 14	2 3	1 47		n.a.
T 7	23 48	14 52	3 35	22 52	0 12	20 51	1 30	16 26	0 14	21 20	0 12	24 9	0 23	1 8	0 37	23 0	0 34	25 36	17 24	2 17	2 5	1 45		n.a.
F 8	23 47	11 35	2 37	23 15	0n 1	20 32	1 29	16 38	0 13	21 22	0 12	24 9	0 23	1 8	0 37	23 0	0 34	25 37	17 25	2 19	2 6	1 43		n.a.
S 9	23 45	7 37	1 28	23 36	0 14	20 12	1 27	16 50	0 12	21 25	0 11	24 10	0 24	1 8	0 37	23 0	0 34	25 37	17 25	2 20	2 7	1 41		n.a.
S 10	23 42	3 13	0 14	23 56	0 25	19 51	1 26	17 2	0 12	21 27	0 11	24 10	0 24	1 9	0 37	23 0	0 34	25 38	17 25	2 20	2 8	1 40		n.a.
M11	23 40	1s21	1n 0	24 14	0 36	19 30	1 24	17 14	0 11	21 29	0 11	24 10	0 24	1 9	0 37	23 0	0 34	25 38	17 26	2 20	2 10	1 38		n.a.
T 12	23 37	5 49	2 11	24 29	0 47	19 9	1 23	17 25	0 10	21 31	0 11	24 10	0 24	1 10	0 37	22 59	0 34	25 39	17 26	2 20	2 11	1 36		n.a.
W13	23 33	9 55	3 13	24 43	0 56	18 47	1 21	17 37	0 10	21 34	0 11	24 11	0 24	1 10	0 37	22 59	0 34	25 39	17 26	2 21	2 12	1 34		n.a.
T 14	23 29	13 28	4 4	24 54	1 5	18 24	1 19	17 48	0 9	21 36	0 11	24 11	0 24	1 10	0 37	22 59	0 34	25 40	17 27	2 23	2 14	1 32		n.a.
F 15	23 25	16 13	4 39	25 2	1 13	18 2	1 18	17 59	0 8	21 38	0 11	24 11	0 24	1 11	0 37	22 59	0 34	25 40	17 27	2 26	2 15	1 30		n.a.
S 16	23 20	18 1	4 59	25 8	1 20	17 38	1 16	18 10	0 7	21 40	0 11	24 11	0 24	1 11	0 37	22 59	0 34	25 41	17 27	2 30	2 16	1 28		n.a.
S 17	23 15	18 48	5 1	25 11	1 26	17 14	1 14	18 21	0 7	21 42	0 11	24 11	0 24	1 12	0 36	22 59	0 34	25 41	17 28	2 34	2 17	1 26		n.a.
M18	23 9	18 32	4 47	25 12	1 31	16 50	1 11	18 32	0 6	21 45	0 11	24 12	0 24	1 12	0 36	22 59	0 34	25 42	17 28	2 39	2 19	1 25		n.a.
T 19	23 3	17 19	4 19	25 10	1 36	16 25	1 9	18 42	0 5	21 47	0 10	24 12	0 24	1 13	0 36	22 59	0 34	25 42	17 28	2 43	2 20	1 23		n.a.
W20	22 57	15 16	3 38	25 5	1 40	16 0	1 7	18 53	0 4	21 49	0 10	24 12	0 25	1 14	0 36	22 59	0 34	25 43	17 28	2 47	2 21	1 21		n.a.
T 21	22 50	12 33	2 48	24 58	1 43	15 35	1 5	19 3	0 3	21 51	0 10	24 12	0 25	1 14	0 36	22 59	0 34	25 44	17 29	2 50	2 23	1 19		n.a.
F 22	22 42	9 20	1 51	24 48	1 45	15 9	1 2	19 13	0 3	21 53	0 10	24 12	0 25	1 15	0 36	22 59	0 34	25 44	17 29	2 52	2 24	1 17		n.a.
S 23	22 35	5 47	0 49	24 36	1 47	14 42	1 0	19 23	0 2	21 55	0 10	24 12	0 25	1 15	0 36	22 59	0 34	25 45	17 29	2 53	2 25	1 15		n.a.
S 24	22 27	2 3	0s14	24 21	1 48	14 16	0 57	19 33	0 1	21 57	0 10	24 13	0 25	1 16	0 36	22 59	0 34	25 45	17 30	2 53	2 26	1 13		n.a.
M25	22 18	1n46	1 16	24 5	1 48	13 48	0 55	19 43	0 0	21 59	0 10	24 13	0 25	1 17	0 36	22 58	0 34	25 46	17 30	2 53	2 28	1 11		n.a.
T 26	22 9	5 30	2 16	23 46	1 47	13 21	0 52	19 52	0n 0	22 0	0 10	24 13	0 25	1 17	0 36	22 58	0 34	25 46	17 30	2 53	2 29	1 10		n.a.
W27	22 0	9 4	3 10	23 25	1 47	12 53	0 49	20 2	0 1	22 2	0 10	24 13	0 25	1 18	0 36	22 58	0 34	25 47	17 30	2 53	2 30	1 8		n.a.
T 28	21 50	12 19	3 57	23 3	1 45	12 25	0 47	20 11	0 2	22 4	0 10	24 13	0 25	1 19	0 36	22 58	0 34	25 47	17 31	2 54	2 31	1 6		n.a.
F 29	21 40	15 6	4 33	22 39	1 43	11 57	0 44	20 20	0 3	22 6	0 10	24 13	0 25	1 20	0 36	22 58	0 34	25 48	17 31	2 55	2 33	1 4		n.a.
S 30	21 30	17 13	4 57	22 13	1 41	11 28	0 41	20 29	0 4	22 8	0 9	24 14	0 25	1 20	0 36	22 58	0 34	25 48	17 31	2 58	2 34	1 2		n.a.
S 31	21n19	18n29	5s 6	21n46	1n38	10n59	0n38	20n38	0n 5	22n10	0s 9	24s14	0s25	1s21	0n36	22s58	0n34	25s49	17s31	3n 1	2n35	1s 0		n.a.

Julian Day Number = 1308506.5, Delta T = 07h43m47s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'50, Lahiri = -19°33'50 Julian Calendar 1 July 1131 BCE == Greg. Calendar 20 June 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

AUGUST 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 54 59	26♋50'25	5♋33	3♌12	4♍38	0♊57	10♊13	2°R13	4♎45	21°R 8	5°R26	22°R21	23♍32	28♓38	n.a.	M 1
T 2	19 58 55	27°48'49	19°35	5° 0	5°49	1°34	10°24	2♉ 9	4°47	21♐ 7	5♓25	22♍12	23°29	28°45	n.a.	T 2
W 3	20 2 52	28°47'15	3♌54	6°47	7° 0	2°11	10°35	2° 5	4°49	21° 5	5°24	22° 4	23°25	28°51	n.a.	W 3
T 4	20 6 48	29°45'43	18°25	8°33	8°11	2°48	10°46	2° 2	4°51	21° 4	5°24	21°58	23°22	28°58	n.a.	T 4
F 5	20 10 45	0♌44'12	3♍ 2	10°17	9°22	3°24	10°57	1°58	4°53	21° 3	5°23	21°55	23°19	29° 5	n.a.	F 5
S 6	20 14 41	1°42'43	17°37	12° 1	10°33	4° 0	11° 8	1°54	4°55	21° 2	5°22	21°D53	23°16	29°11	n.a.	S 6
S 7	20 18 38	2°41'17	2♎ 7	13°43	11°44	4°37	11°18	1°51	4°57	21° 1	5°21	21°53	23°13	29°18	n.a.	S 7
M 8	20 22 34	3°39'51	16°26	15°25	12°55	5°13	11°29	1°47	4°59	21° 0	5°20	21°54	23° 9	29°25	n.a.	M 8
T 9	20 26 31	4°38'28	0♏33	17° 5	14° 6	5°49	11°39	1°44	5° 2	20°59	5°19	21°R55	23° 6	29°31	n.a.	T 9
W10	20 30 27	5°37'07	14°28	18°45	15°17	6°25	11°50	1°40	5° 4	20°58	5°18	21°55	23° 3	29°38	n.a.	W10
T 11	20 34 24	6°35'47	28° 9	20°23	16°27	7° 1	12° 0	1°37	5° 6	20°57	5°17	21°53	23° 0	29°45	n.a.	T 11
F 12	20 38 21	7°34'29	11♐37	22° 0	17°38	7°37	12°10	1°34	5° 9	20°56	5°16	21°49	22°57	29°51	n.a.	F 12
S 13	20 42 17	8°33'13	24°52	23°36	18°48	8°13	12°20	1°31	5°11	20°55	5°15	21°43	22°54	29°58	n.a.	S 13
S 14	20 46 14	9°31'59	7♑54	25°11	19°59	8°49	12°30	1°28	5°14	20°54	5°14	21°36	22°50	0♈ 4	n.a.	S 14
M15	20 50 10	10°30'47	20°43	26°46	21° 9	9°24	12°40	1°25	5°16	20°53	5°13	21°29	22°47	0°11	n.a.	M15
T 16	20 54 7	11°29'37	3♒19	28°19	22°20	10° 0	12°50	1°22	5°19	20°52	5°12	21°22	22°44	0°18	n.a.	T 16
W17	20 58 3	12°28'29	15°42	29°51	23°30	10°35	12°59	1°19	5°21	20°51	5°11	21°16	22°41	0°24	n.a.	W17
T 18	21 2 0	13°27'23	27°54	1♍22	24°40	11°10	13° 9	1°16	5°24	20°50	5°10	21°12	22°38	0°31	n.a.	T 18
F 19	21 5 56	14°26'20	9♓55	2°53	25°50	11°45	13°18	1°14	5°26	20°49	5° 9	21° 9	22°34	0°38	n.a.	F 19
S 20	21 9 53	15°25'18	21°48	4°22	27° 0	12°20	13°28	1°11	5°29	20°49	5° 7	21°D 9	22°31	0°44	n.a.	S 20
S 21	21 13 49	16°24'19	3♈36	5°50	28°10	12°55	13°37	1° 8	5°32	20°48	5° 6	21° 9	22°28	0°51	n.a.	S 21
M22	21 17 46	17°23'23	15°23	7°17	29°20	13°30	13°46	1° 6	5°35	20°47	5° 5	21°11	22°25	0°58	n.a.	M22
T 23	21 21 43	18°22'28	27°13	8°44	0♎30	14° 5	13°55	1° 4	5°37	20°46	5° 4	21°13	22°22	1° 4	n.a.	T 23
W24	21 25 39	19°21'37	9♉10	10° 9	1°39	14°40	14° 4	1° 1	5°40	20°46	5° 3	21°14	22°19	1°11	n.a.	W24
T 25	21 29 36	20°20'47	21°20	11°33	2°49	15°14	14°13	0°59	5°43	20°45	5° 2	21°R14	22°15	1°18	n.a.	T 25
F 26	21 33 32	21°20'00	3♊48	12°57	3°58	15°49	14°21	0°57	5°46	20°44	5° 1	21°14	22°12	1°24	n.a.	F 26
S 27	21 37 29	22°19'16	16°37	14°19	5° 8	16°23	14°30	0°55	5°49	20°44	5° 0	21°12	22° 9	1°31	n.a.	S 27
S 28	21 41 25	23°18'34	29°52	15°40	6°17	16°57	14°38	0°53	5°52	20°43	4°59	21° 9	22° 6	1°38	n.a.	S 28
M29	21 45 22	24°17'55	13♋34	17° 0	7°27	17°31	14°46	0°51	5°55	20°43	4°57	21° 5	22° 3	1°44	n.a.	M29
T 30	21 49 18	25°17'18	27°42	18°18	8°36	18° 5	14°54	0°50	5°58	20°42	4°56	21° 1	22° 0	1°51	n.a.	T 30
W31	21 53 15	26♌16'43	12♌13	19♍36	9♎45	18♊39	15♊ 2	0♑48	6♎ 1	20♐42	4♓55	20♍57	21♍56	1♈57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n 8	18n45	4s58	21n17	1n34	10n30	0n35	20n46	0n 5	22n11	0s 9	24s14	0s25	1s22	0n36	22s58	0n34	25s49	17s32	3n 5	2n37	0s58			n.a.
T 2	20 56	17 53	4 32	20 47	1 31	10 1	0 31	20 55	0 6	22 13	0 9	24 14	0 26	1 23	0 36	22 58	0 33	25 50	17 32	3 8	2 38	0 56			n.a.
W 3	20 44	15 53	3 49	20 16	1 27	9 31	0 28	21 3	0 7	22 15	0 9	24 14	0 26	1 24	0 36	22 58	0 33	25 51	17 32	3 12	2 39	0 55			n.a.
T 4	20 32	12 51	2 50	19 44	1 22	9 1	0 25	21 11	0 8	22 16	0 9	24 14	0 26	1 25	0 36	22 58	0 33	25 51	17 32	3 14	2 40	0 53			n.a.
F 5	20 19	9 0	1 40	19 11	1 17	8 31	0 22	21 19	0 9	22 18	0 9	24 14	0 26	1 25	0 36	22 58	0 33	25 52	17 33	3 16	2 42	0 51			n.a.
S 6	20 6	4 37	0 23	18 37	1 12	8 1	0 18	21 27	0 10	22 20	0 9	24 15	0 26	1 26	0 36	22 58	0 33	25 52	17 33	3 16	2 43	0 49			n.a.
S 7	19 53	0s 1	0n55	18 3	1 7	7 30	0 15	21 35	0 10	22 21	0 9	24 15	0 26	1 27	0 36	22 58	0 33	25 53	17 33	3 16	2 44	0 47			n.a.
M 8	19 39	4 35	2 9	17 27	1 2	7 0	0 12	21 42	0 11	22 23	0 9	24 15	0 26	1 28	0 36	22 58	0 33	25 53	17 33	3 16	2 46	0 45			n.a.
T 9	19 25	8 50	3 14	16 51	0 56	6 29	0 8	21 50	0 12	22 24	0 9	24 15	0 26	1 29	0 36	22 58	0 33	25 54	17 33	3 15	2 47	0 43			n.a.
W10	19 10	12 31	4 6	16 14	0 50	5 58	0 4	21 57	0 13	22 26	0 8	24 15	0 26	1 30	0 36	22 58	0 33	25 54	17 34	3 15	2 48	0 41			n.a.
T 11	18 55	15 28	4 43	15 37	0 43	5 27	0 1	22 4	0 14	22 27	0 8	24 15	0 26	1 31	0 36	22 58	0 33	25 55	17 34	3 16	2 49	0 39			n.a.
F 12	18 40	17 31	5 4	14 59	0 37	4 55	0s 3	22 11	0 15	22 29	0 8	24 15	0 26	1 32	0 36	22 57	0 33	25 56	17 34	3 18	2 51	0 38			n.a.
S 13	18 25	18 35	5 9	14 21	0 30	4 24	0 7	22 17	0 16	22 30	0 8	24 15	0 26	1 33	0 36	22 57	0 33	25 56	17 34	3 20	2 52	0 36			n.a.
S 14	18 9	18 39	4 57	13 42	0 24	3 52	0 10	22 24	0 17	22 32	0 8	24 15	0 26	1 34	0 35	22 57	0 33	25 57	17 34	3 23	2 53	0 34			n.a.
M15	17 53	17 45	4 30	13 3	0 17	3 21	0 14	22 31	0 18	22 33	0 8	24 16	0 26	1 35	0 35	22 57	0 33	25 57	17 34	3 26	2 54	0 32			n.a.
T 16	17 37	15 59	3 51	12 24	0 10	2 49	0 18	22 37	0 19	22 34	0 8	24 16	0 26	1 36	0 35	22 57	0 33	25 58	17 35	3 29	2 56	0 30			n.a.
W17	17 20	13 31	3 1	11 45	0 2	2 17	0 22	22 43	0 19	22 36	0 8	24 16	0 27	1 37	0 35	22 57	0 33	25 58	17 35	3 31	2 57	0 28			n.a.
T 18	17 3	10 28	2 3	11 5	0s 5	1 46	0 26	22 49	0 20	22 37	0 8	24 16	0 27	1 38	0 35	22 57	0 33	25 59	17 35	3 33	2 58	0 26			n.a.
F 19	16 46	7 2	1 1	10 26	0 12	1 14	0 30	22 55	0 21	22 38	0 8	24 16	0 27	1 39	0 35	22 57	0 33	25 59	17 35	3 34	3 0	0 24			n.a.
S 20	16 28	3 21	0s 4	9 46	0 20	0 42	0 34	23 0	0 22	22 40	0 7	24 16	0 27	1 40	0 35	22 57	0 33	26 0	17 35	3 34	3 1	0 23			n.a.
S 21	16 10	0n25	1 8	9 6	0 27	0 10	0 38	23 6	0 23	22 41	0 7	24 16	0 27	1 42	0 35	22 57	0 33	26 0	17 35	3 34	3 2	0 21			n.a.
M22	15 52	4 11	2 9	8 26	0 35	0s22	0 42	23 11	0 24	22 42	0 7	24 16	0 27	1 43	0 35	22 57	0 33	26 1	17 35	3 33	3 3	0 19			n.a.
T 23	15 34	7 47	3 5	7 47	0 42	0 54	0 46	23 17	0 25	22 43	0 7	24 16	0 27	1 44	0 35	22 57	0 33	26 2	17 35	3 32	3 5	0 17			n.a.
W24	15 15	11 6	3 54	7 7	0 50	1 26	0 50	23 22	0 26	22 44	0 7	24 16	0 27	1 45	0 35	22 57	0 33	26 2	17 36	3 32	3 6	0 15			n.a.
T 25	14 56	14 0	4 33	6 28	0 57	1 57	0 54	23 26	0 27	22 46	0 7	24 16	0 27	1 46	0 35	22 57	0 33	26 3	17 36	3 32	3 7	0 13			n.a.
F 26	14 37	16 21	5 0	5 49	1 5	2 29	0 58	23 31	0 28	22 47	0 7	24 16	0 27	1 47	0 35	22 57	0 33	26 3	17 36	3 32	3 8	0 11			n.a.
S 27	14 18	17 57	5 13	5 10	1 12	3 1	1 2	23 36	0 29	22 48	0 7	24 16	0 27	1 49	0 35	22 57	0 33	26 4	17 36	3 33	3 10	0 9			n.a.
S 28	13 58	18 39	5 11	4 31	1 20	3 33	1 6	23 40	0 30	22 49	0 7	24 17	0 27	1 50	0 35	22 57	0 33	26 4	17 36	3 34	3 11	0 7			n.a.
M29	13 38	18 18	4 51	3 53	1 27	4 4	1 10	23 45	0 31	22 50	0 7	24 17	0 27	1 51	0 35	22 57	0 33	26 5	17 36	3 36	3 12	0 6			n.a.
T 30	13 18	16 50	4 12	3 15	1 35	4 36	1 14	23 49	0 32	22 51	0 6	24 17	0 27	1 52	0 35	22 57	0 33	26 5	17 36	3 37	3 14	0 4			n.a.
W31	12n58	14n15	3s17	2n37	1s42	5s 7	1s19	23n53	0n33	22n52	0s 6	24s17	0s27	1s54	0n35	22s57	0n33	26s 6	17s36	3n38	3n15	0s 2			n.a.

Julian Day Number = 1308537.5, Delta T = 07h43m45s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'46, Lahiri = -19°33'45 Julian Calendar 1 Aug. 1131 BCE == Greg. Calendar 21 July 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

SEPTEMBER 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 12	27♌16'10	27♌ 1	20♍52	10♎54	19♊13	15♊10	0°R47	6♎ 4	20°R41	4°R54	20°R55	21♍53	2♈ 4	n.a.	T 1
F 2	22 1 8	28°15'40	11♍59	22° 6	12° 3	19°47	15°18	0♏45	6° 7	20♐41	4♓53	20♍53	21°50	2°11	n.a.	F 2
S 3	22 5 5	29°15'12	26°58	23°19	13°11	20°20	15°25	0°44	6°11	20°41	4°52	20°D53	21°47	2°17	n.a.	S 3
S 4	22 9 1	0♍14'45	11♎51	24°30	14°20	20°53	15°33	0°43	6°14	20°40	4°50	20°54	21°44	2°24	n.a.	S 4
M 5	22 12 58	1°14'21	26°30	25°40	15°29	21°27	15°40	0°42	6°17	20°40	4°49	20°55	21°40	2°31	n.a.	M 5
T 6	22 16 54	2°13'58	10♏51	26°47	16°37	22° 0	15°47	0°41	6°20	20°40	4°48	20°57	21°37	2°37	n.a.	T 6
W 7	22 20 51	3°13'38	24°52	27°52	17°45	22°33	15°54	0°40	6°24	20°40	4°47	20°58	21°34	2°44	n.a.	W 7
T 8	22 24 47	4°13'19	8♐32	28°55	18°54	23° 5	16° 1	0°39	6°27	20°39	4°46	20°R58	21°31	2°51	n.a.	T 8
F 9	22 28 44	5°13'02	21°51	29°56	20° 2	23°38	16° 8	0°38	6°30	20°39	4°45	20°57	21°28	2°57	n.a.	F 9
S 10	22 32 40	6°12'47	4♑53	0♎54	21°10	24°11	16°14	0°38	6°34	20°39	4°43	20°56	21°25	3° 4	n.a.	S 10
S 11	22 36 37	7°12'34	17°38	1°48	22°17	24°43	16°21	0°37	6°37	20°39	4°42	20°54	21°21	3°11	n.a.	S 11
M12	22 40 34	8°12'23	0♒ 8	2°39	23°25	25°15	16°27	0°37	6°40	20°39	4°41	20°52	21°18	3°17	n.a.	M12
T 13	22 44 30	9°12'14	12°27	3°27	24°32	25°47	16°33	0°36	6°44	20°D39	4°40	20°50	21°15	3°24	n.a.	T 13
W14	22 48 27	10°12'06	24°35	4°11	25°40	26°19	16°39	0°36	6°47	20°39	4°39	20°49	21°12	3°31	n.a.	W14
T 15	22 52 23	11°12'01	6♓36	4°49	26°47	26°51	16°45	0°36	6°51	20°39	4°38	20°48	21° 9	3°37	n.a.	T 15
F 16	22 56 20	12°11'58	18°30	5°23	27°54	27°23	16°51	0°D36	6°54	20°39	4°37	20°D48	21° 6	3°44	n.a.	F 16
S 17	23 0 16	13°11'56	0♈19	5°52	29° 1	27°54	16°56	0°36	6°58	20°39	4°35	20°48	21° 2	3°51	n.a.	S 17
S 18	23 4 13	14°11'57	12° 7	6°14	0♏ 7	28°26	17° 1	0°36	7° 1	20°39	4°34	20°48	20°59	3°57	n.a.	S 18
M19	23 8 9	15°12'00	23°54	6°30	1°14	28°57	17° 6	0°37	7° 5	20°40	4°33	20°49	20°56	4° 4	n.a.	M19
T 20	23 12 6	16°12'05	5♉46	6°38	2°20	29°28	17°11	0°37	7° 8	20°40	4°32	20°49	20°53	4°10	n.a.	T 20
W21	23 16 2	17°12'13	17°45	6°R39	3°26	29°59	17°16	0°38	7°12	20°40	4°31	20°50	20°50	4°17	n.a.	W21
T 22	23 19 59	18°12'22	29°54	6°31	4°32	0♋29	17°21	0°38	7°15	20°40	4°30	20°50	20°46	4°24	n.a.	T 22
F 23	23 23 56	19°12'34	12♊19	6°15	5°38	1° 0	17°25	0°39	7°19	20°41	4°29	20°50	20°43	4°30	n.a.	F 23
S 24	23 27 52	20°12'49	25° 3	5°49	6°44	1°30	17°30	0°40	7°23	20°41	4°27	20°50	20°40	4°37	n.a.	S 24
S 25	23 31 49	21°13'05	8♋10	5°13	7°49	2° 0	17°34	0°41	7°26	20°41	4°26	20°50	20°37	4°44	n.a.	S 25
M26	23 35 45	22°13'24	21°44	4°29	8°54	2°30	17°38	0°42	7°30	20°42	4°25	20°50	20°34	4°50	n.a.	M26
T 27	23 39 42	23°13'44	5♌44	3°35	9°59	3° 0	17°41	0°43	7°33	20°42	4°24	20°51	20°31	4°57	n.a.	T 27
W28	23 43 38	24°14'07	20°11	2°32	11° 4	3°30	17°45	0°44	7°37	20°43	4°23	20°51	20°27	5° 4	n.a.	W28
T 29	23 47 35	25°14'32	5♍ 0	1°23	12° 8	3°59	17°48	0°45	7°41	20°43	4°22	20°51	20°24	5°10	n.a.	T 29
F 30	23 51 31	26♍14'59	20♍ 5	0♎ 8	13♏13	4♋28	17♊51	0♏47	7♎45	20♐44	4♓21	20°R51	20♍21	5♈17	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n37	10n42	2s 8	2n 0	1s49	5s39	1s23	23n57	0n34	22n53	0s 6	24s17	0s27	1s55	0n35	22s57	0n33	26s 6	17s36	3n39	3n16	0n 0		n.a.
F 2	12 16	6 25	0 49	1 24	1 57	6 10	1 27	24 0	0 35	22 54	0 6	24 17	0 27	1 56	0 35	22 57	0 33	26 7	17 36	3 40	3 17	0 2		n.a.
S 3	11 55	1 44	0n34	0 49	2 4	6 41	1 31	24 4	0 36	22 55	0 6	24 17	0 27	1 58	0 35	22 57	0 33	26 7	17 36	3 40	3 19	0 4		n.a.
S 4	11 34	3s 1	1 53	0 14	2 10	7 12	1 35	24 8	0 37	22 56	0 6	24 17	0 27	1 59	0 35	22 57	0 33	26 8	17 36	3 40	3 20	0 6		n.a.
M 5	11 12	7 31	3 4	0s20	2 17	7 43	1 39	24 11	0 38	22 57	0 6	24 17	0 27	2 0	0 35	22 57	0 33	26 8	17 36	3 39	3 21	0 8		n.a.
T 6	10 51	11 29	4 2	0 53	2 23	8 13	1 43	24 14	0 39	22 58	0 6	24 17	0 28	2 1	0 35	22 57	0 33	26 9	17 36	3 39	3 22	0 10		n.a.
W 7	10 29	14 41	4 45	1 25	2 30	8 44	1 48	24 17	0 40	22 58	0 6	24 17	0 28	2 3	0 35	22 57	0 32	26 9	17 36	3 38	3 24	0 11		n.a.
T 8	10 7	16 59	5 9	1 56	2 36	9 14	1 52	24 20	0 41	22 59	0 5	24 17	0 28	2 4	0 35	22 57	0 32	26 9	17 36	3 38	3 25	0 13		n.a.
F 9	9 45	18 18	5 17	2 26	2 41	9 44	1 56	24 23	0 42	23 0	0 5	24 17	0 28	2 5	0 35	22 57	0 32	26 10	17 36	3 39	3 26	0 15		n.a.
S 10	9 23	18 37	5 7	2 54	2 46	10 14	2 0	24 25	0 44	23 1	0 5	24 17	0 28	2 7	0 35	22 57	0 32	26 10	17 36	3 39	3 28	0 17		n.a.
S 11	9 0	17 58	4 43	3 20	2 51	10 43	2 4	24 28	0 45	23 2	0 5	24 17	0 28	2 8	0 35	22 57	0 32	26 11	17 36	3 40	3 29	0 19		n.a.
M12	8 38	16 27	4 6	3 45	2 56	11 13	2 8	24 30	0 46	23 2	0 5	24 17	0 28	2 10	0 35	22 57	0 32	26 11	17 36	3 41	3 30	0 21		n.a.
T 13	8 15	14 11	3 17	4 8	3 0	11 42	2 12	24 32	0 47	23 3	0 5	24 17	0 28	2 11	0 35	22 57	0 32	26 12	17 36	3 41	3 31	0 23		n.a.
W14	7 52	11 20	2 20	4 29	3 3	12 11	2 16	24 35	0 48	23 4	0 5	24 17	0 28	2 12	0 35	22 57	0 32	26 12	17 36	3 42	3 33	0 25		n.a.
T 15	7 29	8 2	1 18	4 47	3 6	12 39	2 20	24 36	0 49	23 5	0 5	24 17	0 28	2 14	0 35	22 57	0 32	26 13	17 36	3 42	3 34	0 27		n.a.
F 16	7 6	4 26	0 13	5 2	3 8	13 7	2 24	24 38	0 50	23 5	0 5	24 18	0 28	2 15	0 35	22 57	0 32	26 13	17 36	3 42	3 35	0 28		n.a.
S 17	6 42	0 41	0s53	5 15	3 9	13 35	2 27	24 40	0 51	23 6	0 4	24 18	0 28	2 17	0 35	22 57	0 32	26 13	17 36	3 42	3 36	0 30		n.a.
S 18	6 19	3n 5	1 56	5 24	3 9	14 3	2 31	24 42	0 53	23 7	0 4	24 18	0 28	2 18	0 35	22 57	0 32	26 14	17 36	3 42	3 38	0 32		n.a.
M19	5 55	6 44	2 54	5 30	3 8	14 30	2 35	24 43	0 54	23 7	0 4	24 18	0 28	2 20	0 35	22 57	0 32	26 14	17 36	3 42	3 39	0 34		n.a.
T 20	5 32	10 7	3 45	5 31	3 6	14 57	2 39	24 45	0 55	23 8	0 4	24 18	0 28	2 21	0 35	22 58	0 32	26 14	17 36	3 42	3 40	0 36		n.a.
W21	5 8	13 8	4 27	5 29	3 3	15 24	2 42	24 46	0 56	23 8	0 4	24 18	0 28	2 22	0 35	22 58	0 32	26 15	17 36	3 41	3 42	0 38		n.a.
T 22	4 44	15 37	4 57	5 21	2 58	15 50	2 46	24 47	0 57	23 9	0 4	24 18	0 28	2 24	0 35	22 58	0 32	26 15	17 36	3 41	3 43	0 40		n.a.
F 23	4 20	17 26	5 15	5 9	2 52	16 16	2 49	24 48	0 59	23 9	0 4	24 18	0 28	2 25	0 35	22 58	0 32	26 16	17 36	3 41	3 44	0 42		n.a.
S 24	3 56	18 27	5 17	4 51	2 44	16 42	2 53	24 49	1 0	23 10	0 4	24 18	0 28	2 27	0 35	22 58	0 32	26 16	17 35	3 41	3 45	0 44		n.a.
S 25	3 32	18 31	5 4	4 28	2 34	17 7	2 56	24 50	1 1	23 11	0 4	24 18	0 28	2 28	0 34	22 58	0 32	26 16	17 35	3 41	3 47	0 45		n.a.
M26	3 8	17 33	4 33	3 59	2 23	17 31	2 59	24 51	1 2	23 11	0 3	24 18	0 28	2 30	0 34	22 58	0 32	26 17	17 35	3 41	3 48	0 47		n.a.
T 27	2 44	15 30	3 46	3 25	2 9	17 56	3 3	24 51	1 4	23 11	0 3	24 18	0 28	2 31	0 34	22 58	0 32	26 17	17 35	3 41	3 49	0 49		n.a.
W28	2 20	12 26	2 43	2 46	1 54	18 20	3 6	24 52	1 5	23 12	0 3	24 18	0 28	2 33	0 34	22 58	0 32	26 17	17 35	3 41	3 50	0 51		n.a.
T 29	1 55	8 29	1 27	2 2	1 37	18 43	3 9	24 52	1 6	23 12	0 3	24 18	0 28	2 34	0 34	22 58	0 32	26 17	17 35	3 41	3 52	0 53		n.a.
F 30	1n31	3n55	0s 4	1s15	1s19	19s 6	3s12	24n53	1n 8	23n13	0s 3	24s18	0s28	2s36	0n34	22s58	0n32	26s18	17s35	3n41	3n53	0n55		n.a.

Julian Day Number = 1308568.5, Delta T = 07h43m43s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'42, Lahiri = -19°33'41 Julian Calendar 1 Sept. 1131 BCE == Greg. Calendar 21 Aug. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

OCTOBER 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 28	27♍15'27	5♎18	28°R50	14♏17	4♋57	17♊54	0♑48	7♎48	20♐44	4°R20	20°R51	20♍18	5♈24	n.a.	S 1
S 2	23 59 24	28°15'58	20°29	27♍30	15°21	5°26	17°57	0°50	7°52	20°45	4♓19	20♍51	20°15	5°30	n.a.	S 2
M 3	0 3 21	29°16'29	5♏28	26°12	16°24	5°55	18° 0	0°52	7°56	20°46	4°18	20°50	20°11	5°37	n.a.	M 3
T 4	0 7 18	0♎17'03	20° 8	24°58	17°27	6°23	18° 2	0°54	7°59	20°46	4°17	20°49	20° 8	5°44	n.a.	T 4
W 5	0 11 14	1°17'38	4♐23	23°51	18°30	6°51	18° 5	0°56	8° 3	20°47	4°16	20°47	20° 5	5°50	n.a.	W 5
T 6	0 15 11	2°18'15	18°12	22°51	19°33	7°19	18° 7	0°58	8° 7	20°48	4°15	20°47	20° 2	5°57	n.a.	T 6
F 7	0 19 7	3°18'52	1♑34	22° 2	20°35	7°47	18° 9	1° 0	8°11	20°49	4°14	20°D46	19°59	6° 3	n.a.	F 7
S 8	0 23 4	4°19'32	14°33	21°24	21°37	8°14	18°10	1° 2	8°14	20°49	4°13	20°46	19°56	6°10	n.a.	S 8
S 9	0 27 0	5°20'12	27°10	20°57	22°39	8°41	18°12	1° 4	8°18	20°50	4°12	20°47	19°52	6°17	n.a.	S 9
M10	0 30 57	6°20'54	9♒30	20°42	23°40	9° 8	18°13	1° 7	8°22	20°51	4°11	20°49	19°49	6°23	n.a.	M10
T 11	0 34 53	7°21'37	21°37	20°D39	24°41	9°35	18°14	1° 9	8°26	20°52	4°10	20°50	19°46	6°30	n.a.	T 11
W12	0 38 50	8°22'22	3♓35	20°47	25°41	10° 2	18°15	1°12	8°29	20°53	4° 9	20°51	19°43	6°37	n.a.	W12
T 13	0 42 47	9°23'07	15°27	21° 4	26°41	10°28	18°16	1°15	8°33	20°54	4° 8	20°R52	19°40	6°43	n.a.	T 13
F 14	0 46 43	10°23'54	27°15	21°32	27°41	10°54	18°16	1°18	8°37	20°55	4° 7	20°52	19°37	6°50	n.a.	F 14
S 15	0 50 40	11°24'43	9♈ 3	22° 8	28°40	11°20	18°17	1°21	8°41	20°56	4° 6	20°51	19°33	6°57	n.a.	S 15
S 16	0 54 36	12°25'33	20°53	22°51	29°39	11°45	18°R17	1°24	8°44	20°57	4° 5	20°49	19°30	7° 3	n.a.	S 16
M17	0 58 33	13°26'24	2♉45	23°41	0♐38	12°10	18°17	1°27	8°48	20°58	4° 4	20°46	19°27	7°10	n.a.	M17
T 18	1 2 29	14°27'17	14°44	24°37	1°36	12°35	18°16	1°30	8°52	20°59	4° 3	20°41	19°24	7°17	n.a.	T 18
W19	1 6 26	15°28'11	26°49	25°39	2°33	13° 0	18°16	1°33	8°56	21° 0	4° 3	20°37	19°21	7°23	n.a.	W19
T 20	1 10 22	16°29'07	9♊ 4	26°45	3°30	13°24	18°15	1°37	8°59	21° 2	4° 2	20°33	19°17	7°30	n.a.	T 20
F 21	1 14 19	17°30'04	21°32	27°55	4°26	13°48	18°14	1°40	9° 3	21° 3	4° 1	20°30	19°14	7°37	n.a.	F 21
S 22	1 18 16	18°31'02	4♋15	29° 8	5°22	14°12	18°13	1°44	9° 7	21° 4	4° 0	20°27	19°11	7°43	n.a.	S 22
S 23	1 22 12	19°32'03	17°16	0♎24	6°17	14°35	18°12	1°47	9°10	21° 5	3°59	20°D26	19° 8	7°50	n.a.	S 23
M24	1 26 9	20°33'04	0♌39	1°42	7°12	14°58	18°10	1°51	9°14	21° 7	3°59	20°27	19° 5	7°57	n.a.	M24
T 25	1 30 5	21°34'07	14°25	3° 3	8° 6	15°21	18° 9	1°55	9°18	21° 8	3°58	20°28	19° 2	8° 3	n.a.	T 25
W26	1 34 2	22°35'11	28°36	4°26	9° 0	15°43	18° 7	1°59	9°22	21° 9	3°57	20°30	18°58	8°10	n.a.	W26
T 27	1 37 58	23°36'17	13♍11	5°50	9°52	16° 5	18° 5	2° 3	9°25	21°11	3°56	20°R31	18°55	8°17	n.a.	T 27
F 28	1 41 55	24°37'24	28° 5	7°15	10°45	16°27	18° 2	2° 7	9°29	21°12	3°56	20°31	18°52	8°23	n.a.	F 28
S 29	1 45 51	25°38'32	13♎13	8°41	11°36	16°48	18° 0	2°11	9°32	21°14	3°55	20°29	18°49	8°30	n.a.	S 29
S 30	1 49 48	26°39'40	28°25	10° 9	12°27	17° 9	17°57	2°15	9°36	21°15	3°54	20°26	18°46	8°36	n.a.	S 30
M31	1 53 45	27♎40'50	13♏32	11♎37	13♐16	17♋30	17♊54	2♑20	9♎40	21♐17	3♓54	20♍20	18♍42	8♈43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n 6	0s56	1n20	0s26	0s59	19s29	3s15	24n53	1n 9	23n13	0s 3	24s18	0s29	2s37	0n34	22s58	0n32	26s18	17s35	3n41	3n54	0n57		n.a.
S 2	0 42	5 42	2 38	0n25	0 39	19 51	3 18	24 53	1 10	23 14	0 3	24 18	0 29	2 39	0 34	22 58	0 32	26 18	17 34	3 41	3 56	0 59		n.a.
M 3	0 18	10 3	3 44	1 16	0 18	20 12	3 20	24 53	1 12	23 14	0 3	24 18	0 29	2 40	0 34	22 58	0 32	26 19	17 34	3 42	3 57	1 1		n.a.
T 4	0s 7	13 40	4 33	2 4	0n 3	20 33	3 23	24 53	1 13	23 14	0 2	24 18	0 29	2 42	0 34	22 58	0 32	26 19	17 34	3 42	3 58	1 2		n.a.
W 5	0 31	16 22	5 5	2 50	0 22	20 54	3 26	24 53	1 14	23 15	0 2	24 18	0 29	2 43	0 34	22 59	0 32	26 19	17 34	3 42	3 59	1 4		n.a.
T 6	0 56	18 2	5 17	3 31	0 41	21 14	3 28	24 53	1 16	23 15	0 2	24 18	0 29	2 45	0 34	22 59	0 32	26 19	17 34	3 43	4 1	1 6		n.a.
F 7	1 20	18 37	5 12	4 7	0 59	21 33	3 30	24 53	1 17	23 15	0 2	24 18	0 29	2 46	0 34	22 59	0 32	26 19	17 34	3 43	4 2	1 8		n.a.
S 8	1 45	18 12	4 51	4 37	1 15	21 52	3 32	24 52	1 19	23 16	0 2	24 18	0 29	2 48	0 34	22 59	0 32	26 20	17 33	3 43	4 3	1 10		n.a.
S 9	2 9	16 53	4 16	5 0	1 29	22 11	3 35	24 52	1 20	23 16	0 2	24 18	0 29	2 49	0 34	22 59	0 31	26 20	17 33	3 42	4 4	1 12		n.a.
M10	2 34	14 48	3 30	5 18	1 42	22 29	3 36	24 52	1 21	23 16	0 2	24 18	0 29	2 51	0 34	22 59	0 31	26 20	17 33	3 42	4 6	1 14		n.a.
T 11	2 58	12 5	2 35	5 29	1 52	22 46	3 38	24 51	1 23	23 16	0 2	24 18	0 29	2 52	0 34	22 59	0 31	26 20	17 33	3 41	4 7	1 16		n.a.
W12	3 22	8 53	1 34	5 34	2 1	23 3	3 40	24 51	1 24	23 16	0 1	24 18	0 29	2 54	0 34	22 59	0 31	26 20	17 33	3 41	4 8	1 18		n.a.
T 13	3 47	5 22	0 30	5 33	2 8	23 19	3 42	24 50	1 26	23 17	0 1	24 18	0 29	2 55	0 34	22 59	0 31	26 21	17 32	3 41	4 9	1 19		n.a.
F 14	4 11	1 39	0s35	5 27	2 14	23 35	3 43	24 49	1 27	23 17	0 1	24 18	0 29	2 57	0 34	22 59	0 31	26 21	17 32	3 41	4 11	1 21		n.a.
S 15	4 35	2n 8	1 39	5 17	2 18	23 50	3 44	24 49	1 29	23 17	0 1	24 18	0 29	2 58	0 34	22 59	0 31	26 21	17 32	3 41	4 12	1 23		n.a.
S 16	4 59	5 50	2 38	5 2	2 21	24 4	3 45	24 48	1 30	23 17	0 1	24 18	0 29	3 0	0 34	23 0	0 31	26 21	17 32	3 42	4 13	1 25		n.a.
M17	5 23	9 20	3 31	4 43	2 22	24 18	3 46	24 47	1 32	23 17	0 1	24 18	0 29	3 1	0 34	23 0	0 31	26 21	17 31	3 43	4 15	1 27		n.a.
T 18	5 47	12 28	4 15	4 21	2 23	24 31	3 47	24 46	1 34	23 17	0 1	24 18	0 29	3 3	0 34	23 0	0 31	26 21	17 31	3 45	4 16	1 29		n.a.
W19	6 11	15 6	4 48	3 55	2 22	24 44	3 48	24 46	1 35	23 17	0 0	24 18	0 29	3 4	0 34	23 0	0 31	26 21	17 31	3 47	4 17	1 31		n.a.
T 20	6 35	17 6	5 8	3 28	2 21	24 56	3 48	24 45	1 37	23 18	0 0	24 18	0 29	3 6	0 34	23 0	0 31	26 21	17 31	3 48	4 18	1 33		n.a.
F 21	6 59	18 20	5 14	2 57	2 18	25 7	3 49	24 44	1 38	23 18	0 0	24 18	0 29	3 7	0 34	23 0	0 31	26 21	17 30	3 50	4 20	1 35		n.a.
S 22	7 22	18 41	5 5	2 25	2 16	25 18	3 49	24 43	1 40	23 18	0 0	24 18	0 29	3 9	0 34	23 0	0 31	26 22	17 30	3 50	4 21	1 37		n.a.
S 23	7 46	18 3	4 40	1 51	2 12	25 28	3 49	24 42	1 42	23 18	0n 0	24 18	0 29	3 10	0 34	23 0	0 31	26 22	17 30	3 51	4 22	1 38		n.a.
M24	8 9	16 26	4 0	1 16	2 8	25 37	3 49	24 41	1 43	23 18	0 0	24 18	0 29	3 12	0 34	23 0	0 31	26 22	17 30	3 51	4 23	1 40		n.a.
T 25	8 32	13 49	3 5	0 39	2 4	25 46	3 48	24 40	1 45	23 18	0 0	24 18	0 29	3 13	0 34	23 1	0 31	26 22	17 29	3 50	4 25	1 42		n.a.
W26	8 56	10 19	1 57	0 2	1 59	25 54	3 48	24 39	1 47	23 18	0 1	24 18	0 29	3 15	0 34	23 1	0 31	26 22	17 29	3 50	4 26	1 44		n.a.
T 27	9 19	6 6	0 40	0s37	1 54	26 2	3 47	24 38	1 49	23 18	0 1	24 18	0 29	3 16	0 34	23 1	0 31	26 22	17 29	3 49	4 27	1 46		n.a.
F 28	9 41	1 24	0n41	1 16	1 48	26 8	3 46	24 37	1 50	23 18	0 1	24 18	0 29	3 17	0 34	23 1	0 31	26 22	17 28	3 49	4 28	1 48		n.a.
S 29	10 4	3s27	2 1	1 56	1 42	26 15	3 45	24 36	1 52	23 17	0 1	24 18	0 30	3 19	0 34	23 1	0 31	26 22	17 28	3 50	4 30	1 50		n.a.
S 30	10 27	8 6	3 12	2 36	1 36	26 20	3 43	24 35	1 54	23 17	0 1	24 18	0 30	3 20	0 34	23 1	0 31	26 22	17 28	3 51	4 31	1 52		n.a.
M31	10s49	12s12	4n 9	3s17	1n30	26s25	3s41	24n34	1n56	23n17	0n 1	24s18	0s30	3s22	0n34	23s 1	0n31	26s22	17s28	3n53	4n32	1n54		n.a.

Julian Day Number = 1308598.5, Delta T = 07h43m42s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'37, Lahiri = -19°33'37 Julian Calendar 1 Oct. 1131 BCE == Greg. Calendar 20 Sept. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

NOVEMBER 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 41	28♎42'01	28♏24	13♎ 6	14♐ 5	17♋50	17°R51	2♑24	9♎43	21♐18	3°R53	20°R14	18♍39	8♈50	n.a.	T 1
W 2	2 1 38	29°43'12	12♐52	14°35	14°54	18°10	17♊48	2°29	9°47	21°20	3♓53	20♍ 8	18°36	8°56	n.a.	W 2
T 3	2 5 34	0♏44'24	26°53	16° 5	15°41	18°30	17°45	2°33	9°51	21°21	3°52	20° 3	18°33	9° 3	n.a.	T 3
F 4	2 9 31	1°45'37	10♑25	17°35	16°27	18°49	17°41	2°38	9°54	21°23	3°51	19°59	18°30	9°10	n.a.	F 4
S 5	2 13 27	2°46'49	23°28	19° 6	17°13	19° 7	17°37	2°43	9°58	21°25	3°51	19°56	18°27	9°16	n.a.	S 5
S 6	2 17 24	3°48'03	6♒ 6	20°37	17°57	19°25	17°33	2°47	10° 1	21°26	3°50	19°D56	18°23	9°23	n.a.	S 6
M 7	2 21 20	4°49'16	18°25	22° 8	18°41	19°43	17°29	2°52	10° 5	21°28	3°50	19°57	18°20	9°30	n.a.	M 7
T 8	2 25 17	5°50'30	0♓28	23°40	19°23	20° 0	17°25	2°57	10° 8	21°30	3°49	19°58	18°17	9°36	n.a.	T 8
W 9	2 29 14	6°51'44	12°21	25°11	20° 4	20°17	17°20	3° 2	10°12	21°31	3°49	20° 0	18°14	9°43	n.a.	W 9
T 10	2 33 10	7°52'58	24° 9	26°43	20°44	20°34	17°16	3° 7	10°15	21°33	3°49	20°R 0	18°11	9°50	n.a.	T 10
F 11	2 37 7	8°54'13	5♈55	28°16	21°23	20°50	17°11	3°12	10°18	21°35	3°48	19°58	18° 8	9°56	n.a.	F 11
S 12	2 41 3	9°55'27	17°44	29°48	22° 0	21° 5	17° 6	3°18	10°22	21°37	3°48	19°54	18° 4	10° 3	n.a.	S 12
S 13	2 45 0	10°56'43	29°38	1♏20	22°36	21°20	17° 0	3°23	10°25	21°39	3°47	19°48	18° 1	10°10	n.a.	S 13
M14	2 48 56	11°57'58	11♉39	2°53	23°11	21°34	16°55	3°28	10°29	21°40	3°47	19°39	17°58	10°16	n.a.	M14
T 15	2 52 53	12°59'14	23°48	4°26	23°44	21°48	16°50	3°34	10°32	21°42	3°47	19°29	17°55	10°23	n.a.	T 15
W16	2 56 50	14° 0'30	6♊ 7	5°59	24°15	22° 2	16°44	3°39	10°35	21°44	3°46	19°18	17°52	10°30	n.a.	W16
T 17	3 0 46	15° 1'47	18°36	7°33	24°46	22°15	16°38	3°45	10°39	21°46	3°46	19° 8	17°48	10°36	n.a.	T 17
F 18	3 4 43	16° 3'03	1♋16	9° 6	25°14	22°27	16°32	3°51	10°42	21°48	3°46	18°58	17°45	10°43	n.a.	F 18
S 19	3 8 39	17° 4'21	14° 7	10°40	25°41	22°39	16°26	3°56	10°45	21°50	3°46	18°51	17°42	10°50	n.a.	S 19
S 20	3 12 36	18° 5'38	27°12	12°14	26° 6	22°50	16°20	4° 2	10°48	21°52	3°46	18°47	17°39	10°56	n.a.	S 20
M21	3 16 32	19° 6'56	10♌33	13°49	26°29	23° 1	16°13	4° 8	10°51	21°54	3°45	18°44	17°36	11° 3	n.a.	M21
T 22	3 20 29	20° 8'14	24°10	15°23	26°50	23°11	16° 7	4°14	10°54	21°56	3°45	18°D44	17°33	11°10	n.a.	T 22
W23	3 24 25	21° 9'33	8♍ 6	16°58	27°10	23°20	16° 0	4°20	10°58	21°58	3°45	18°45	17°29	11°16	n.a.	W23
T 24	3 28 22	22°10'51	22°21	18°33	27°27	23°29	15°54	4°26	11° 1	22° 0	3°45	18°R45	17°26	11°23	n.a.	T 24
F 25	3 32 19	23°12'10	6♎53	20° 9	27°42	23°37	15°47	4°32	11° 4	22° 2	3°45	18°44	17°23	11°30	n.a.	F 25
S 26	3 36 15	24°13'29	21°40	21°45	27°55	23°45	15°40	4°38	11° 7	22° 4	3°45	18°40	17°20	11°36	n.a.	S 26
S 27	3 40 12	25°14'48	6♏35	23°21	28° 6	23°52	15°33	4°44	11°10	22° 6	3°45	18°33	17°17	11°43	n.a.	S 27
M28	3 44 8	26°16'07	21°30	24°58	28°15	23°58	15°25	4°50	11°13	22° 8	3°D45	18°24	17°14	11°50	n.a.	M28
T 29	3 48 5	27°17'25	6♐16	26°35	28°21	24° 4	15°18	4°56	11°15	22°10	3°45	18°13	17°10	11°56	n.a.	T 29
W30	3 52 1	28♏18'44	20♐45	28♏12	28♐25	24♋ 8	15♊11	5♑ 3	11♎18	22♐12	3♓45	18♍ 2	17♍ 7	12♈ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s11	15s26	4n49	3s58	1n24	26s30	3s40	24n33	1n58	23n17	0n 1	24s18	0s30	3s23	0n34	23s 1	0n31	26s22	17s27	3n56	4n33	1n55		n.a.
W 2	11 33	17 37	5 8	4 39	1 17	26 33	3 37	24 33	1 59	23 17	0 2	24 18	0 30	3 25	0 34	23 2	0 31	26 22	17 27	3 58	4 35	1 57		n.a.
T 3	11 55	18 39	5 9	5 21	1 11	26 36	3 35	24 32	2 1	23 17	0 2	24 18	0 30	3 26	0 34	23 2	0 31	26 21	17 27	4 0	4 36	1 59		n.a.
F 4	12 17	18 34	4 51	6 2	1 4	26 39	3 32	24 31	2 3	23 17	0 2	24 18	0 30	3 28	0 34	23 2	0 31	26 21	17 26	4 2	4 37	2 1		n.a.
S 5	12 38	17 29	4 19	6 43	0 57	26 40	3 29	24 30	2 5	23 16	0 2	24 18	0 30	3 29	0 34	23 2	0 31	26 21	17 26	4 3	4 39	2 3		n.a.
S 6	12 59	15 34	3 36	7 24	0 50	26 42	3 26	24 29	2 7	23 16	0 2	24 18	0 30	3 30	0 34	23 2	0 31	26 21	17 26	4 3	4 40	2 5		n.a.
M 7	13 20	12 58	2 43	8 5	0 43	26 42	3 23	24 29	2 9	23 16	0 2	24 18	0 30	3 32	0 34	23 2	0 31	26 21	17 25	4 3	4 41	2 7		n.a.
T 8	13 41	9 52	1 44	8 46	0 36	26 42	3 19	24 28	2 11	23 16	0 2	24 17	0 30	3 33	0 34	23 2	0 31	26 21	17 25	4 2	4 42	2 9		n.a.
W 9	14 1	6 24	0 41	9 27	0 29	26 41	3 15	24 27	2 13	23 15	0 3	24 17	0 30	3 34	0 34	23 2	0 31	26 21	17 25	4 2	4 44	2 11		n.a.
T 10	14 22	2 42	0s22	10 7	0 23	26 40	3 11	24 27	2 15	23 15	0 3	24 17	0 30	3 36	0 34	23 3	0 31	26 21	17 24	4 1	4 45	2 13		n.a.
F 11	14 42	1n 5	1 25	10 47	0 16	26 38	3 6	24 26	2 17	23 15	0 3	24 17	0 30	3 37	0 34	23 3	0 31	26 21	17 24	4 2	4 46	2 14		n.a.
S 12	15 2	4 51	2 24	11 27	0 9	26 36	3 1	24 26	2 19	23 14	0 3	24 17	0 30	3 39	0 34	23 3	0 31	26 20	17 24	4 4	4 47	2 16		n.a.
S 13	15 21	8 27	3 17	12 6	0 2	26 33	2 56	24 26	2 21	23 14	0 3	24 17	0 30	3 40	0 34	23 3	0 31	26 20	17 23	4 6	4 49	2 18		n.a.
M14	15 40	11 45	4 2	12 45	0s 5	26 29	2 50	24 25	2 23	23 14	0 3	24 17	0 30	3 41	0 34	23 3	0 31	26 20	17 23	4 10	4 50	2 20		n.a.
T 15	15 59	14 35	4 36	13 23	0 11	26 25	2 44	24 25	2 26	23 13	0 4	24 17	0 30	3 43	0 34	23 3	0 31	26 20	17 23	4 14	4 51	2 22		n.a.
W16	16 18	16 48	4 57	14 1	0 18	26 20	2 38	24 25	2 28	23 13	0 4	24 17	0 30	3 44	0 34	23 3	0 30	26 20	17 22	4 18	4 52	2 24		n.a.
T 17	16 36	18 16	5 5	14 38	0 24	26 15	2 31	24 25	2 30	23 12	0 4	24 17	0 30	3 45	0 34	23 4	0 30	26 19	17 22	4 22	4 54	2 26		n.a.
F 18	16 55	18 51	4 58	15 15	0 31	26 9	2 24	24 25	2 32	23 12	0 4	24 16	0 30	3 46	0 34	23 4	0 30	26 19	17 22	4 26	4 55	2 28		n.a.
S 19	17 12	18 29	4 36	15 51	0 37	26 2	2 17	24 26	2 34	23 12	0 4	24 16	0 30	3 48	0 34	23 4	0 30	26 19	17 21	4 29	4 56	2 30		n.a.
S 20	17 30	17 8	4 0	16 26	0 43	25 55	2 9	24 26	2 37	23 11	0 4	24 16	0 30	3 49	0 34	23 4	0 30	26 19	17 21	4 31	4 57	2 32		n.a.
M21	17 47	14 50	3 9	17 1	0 49	25 48	2 1	24 26	2 39	23 11	0 5	24 16	0 30	3 50	0 34	23 4	0 30	26 18	17 20	4 31	4 59	2 33		n.a.
T 22	18 4	11 41	2 7	17 35	0 55	25 40	1 52	24 27	2 41	23 10	0 5	24 16	0 30	3 51	0 34	23 4	0 30	26 18	17 20	4 32	5 0	2 35		n.a.
W23	18 20	7 48	0 57	18 9	1 1	25 31	1 43	24 27	2 44	23 9	0 5	24 16	0 31	3 53	0 34	23 4	0 30	26 18	17 20	4 31	5 1	2 37		n.a.
T 24	18 37	3 23	0n19	18 41	1 6	25 22	1 34	24 28	2 46	23 9	0 5	24 16	0 31	3 54	0 34	23 5	0 30	26 18	17 19	4 31	5 2	2 39		n.a.
F 25	18 52	1s19	1 35	19 13	1 11	25 13	1 24	24 29	2 48	23 8	0 5	24 15	0 31	3 55	0 35	23 5	0 30	26 17	17 19	4 32	5 4	2 41		n.a.
S 26	19 8	6 1	2 46	19 44	1 17	25 3	1 14	24 30	2 51	23 8	0 5	24 15	0 31	3 56	0 35	23 5	0 30	26 17	17 19	4 33	5 5	2 43		n.a.
S 27	19 23	10 23	3 46	20 14	1 22	24 52	1 3	24 31	2 53	23 7	0 5	24 15	0 31	3 57	0 35	23 5	0 30	26 17	17 18	4 36	5 6	2 45		n.a.
M28	19 38	14 5	4 30	20 43	1 26	24 41	0 52	24 32	2 55	23 6	0 6	24 15	0 31	3 59	0 35	23 5	0 30	26 16	17 18	4 40	5 7	2 47		n.a.
T 29	19 52	16 51	4 56	21 11	1 31	24 30	0 41	24 34	2 58	23 6	0 6	24 15	0 31	4 0	0 35	23 5	0 30	26 16	17 17	4 44	5 9	2 49		n.a.
W30	20s 6	18s29	5n 2	21s38	1s35	24s18	0s29	24n35	3n 0	23n 5	0n 6	24s15	0s31	4s 1	0n35	23s 5	0n30	26s16	17s17	4n48	5n10	2n50		n.a.

Julian Day Number = 1308629.5, Delta T = 07h43m40s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'33, Lahiri = -19°33'33 Julian Calendar 1 Nov. 1131 BCE == Greg. Calendar 21 Oct. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1131 BCE
geocentric

DECEMBER 1131 BCE (-1130) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 58	29♏20'01	4♉50	29♏50	28°R27	24♋13	15°R 3	5♉ 9	11♎21	22♐14	3♓45	17°R51	17♍ 4	12♈10	n.a.	T 1
F 2	3 59 55	0♐21'19	18°27	1♐28	28♐26	24°16	14♊56	5°15	11°24	22°17	3°45	17♍42	17° 1	12°16	n.a.	F 2
S 3	4 3 51	1°22'35	1♒36	3° 6	28°23	24°19	14°48	5°22	11°27	22°19	3°45	17°36	16°58	12°23	n.a.	S 3
S 4	4 7 48	2°23'51	14°20	4°45	28°17	24°21	14°40	5°28	11°29	22°21	3°45	17°32	16°54	12°29	n.a.	S 4
M 5	4 11 44	3°25'06	26°41	6°25	28° 8	24°22	14°33	5°35	11°32	22°23	3°45	17°31	16°51	12°36	n.a.	M 5
T 6	4 15 41	4°26'20	8♓46	8° 5	27°57	24°R23	14°25	5°41	11°35	22°25	3°45	17°D31	16°48	12°43	n.a.	T 6
W 7	4 19 37	5°27'33	20°39	9°45	27°43	24°23	14°17	5°48	11°37	22°27	3°46	17°R31	16°45	12°49	n.a.	W 7
T 8	4 23 34	6°28'46	2♈27	11°26	27°27	24°22	14° 9	5°55	11°40	22°30	3°46	17°30	16°42	12°56	n.a.	T 8
F 9	4 27 30	7°29'57	14°14	13° 7	27° 9	24°20	14° 1	6° 1	11°42	22°32	3°46	17°27	16°39	13° 3	n.a.	F 9
S 10	4 31 27	8°31'08	26° 6	14°48	26°48	24°17	13°53	6° 8	11°45	22°34	3°46	17°22	16°35	13° 9	n.a.	S 10
S 11	4 35 24	9°32'18	8♉ 5	16°30	26°25	24°14	13°45	6°15	11°47	22°36	3°46	17°13	16°32	13°16	n.a.	S 11
M12	4 39 20	10°33'26	20°14	18°13	25°59	24°10	13°37	6°22	11°50	22°39	3°47	17° 2	16°29	13°23	n.a.	M12
T 13	4 43 17	11°34'34	2♊37	19°55	25°32	24° 5	13°29	6°29	11°52	22°41	3°47	16°49	16°26	13°29	n.a.	T 13
W14	4 47 13	12°35'41	15°12	21°38	25° 2	24° 0	13°21	6°35	11°54	22°43	3°47	16°34	16°23	13°36	n.a.	W14
T 15	4 51 10	13°36'47	27°59	23°21	24°31	23°53	13°13	6°42	11°57	22°45	3°48	16°20	16°19	13°43	n.a.	T 15
F 16	4 55 6	14°37'53	10♋59	25° 3	23°58	23°46	13° 5	6°49	11°59	22°48	3°48	16° 8	16°16	13°49	n.a.	F 16
S 17	4 59 3	15°38'57	24°10	26°46	23°24	23°38	12°57	6°56	12° 1	22°50	3°49	15°58	16°13	13°56	n.a.	S 17
S 18	5 2 59	16°40'01	7♌32	28°29	22°49	23°29	12°49	7° 3	12° 3	22°52	3°49	15°51	16°10	14° 3	n.a.	S 18
M19	5 6 56	17°41'03	21° 3	0♉11	22°13	23°20	12°41	7°10	12° 5	22°54	3°50	15°47	16° 7	14° 9	n.a.	M19
T 20	5 10 53	18°42'05	4♍44	1°53	21°36	23° 9	12°33	7°17	12° 7	22°57	3°50	15°46	16° 4	14°16	n.a.	T 20
W21	5 14 49	19°43'06	18°37	3°33	20°59	22°58	12°25	7°24	12° 9	22°59	3°50	15°45	16° 0	14°23	n.a.	W21
T 22	5 18 46	20°44'06	2♎40	5°13	20°22	22°46	12°17	7°31	12°11	23° 1	3°51	15°45	15°57	14°29	n.a.	T 22
F 23	5 22 42	21°45'06	16°53	6°51	19°45	22°33	12° 9	7°38	12°13	23° 3	3°52	15°43	15°54	14°36	n.a.	F 23
S 24	5 26 39	22°46'04	1♏16	8°27	19° 8	22°20	12° 1	7°46	12°15	23° 6	3°52	15°39	15°51	14°43	n.a.	S 24
S 25	5 30 35	23°47'02	15°45	10° 1	18°32	22° 6	11°54	7°53	12°17	23° 8	3°53	15°32	15°48	14°49	n.a.	S 25
M26	5 34 32	24°47'58	0♐14	11°32	17°57	21°51	11°46	8° 0	12°18	23°10	3°53	15°22	15°45	14°56	n.a.	M26
T 27	5 38 29	25°48'53	14°38	13° 0	17°23	21°35	11°38	8° 7	12°20	23°13	3°54	15°11	15°41	15° 3	n.a.	T 27
W28	5 42 25	26°49'47	28°49	14°24	16°50	21°18	11°31	8°14	12°22	23°15	3°55	14°58	15°38	15° 9	n.a.	W28
T 29	5 46 22	27°50'40	12♉42	15°44	16°19	21° 1	11°23	8°22	12°23	23°17	3°55	14°46	15°35	15°16	n.a.	T 29
F 30	5 50 18	28°51'31	26°14	16°58	15°49	20°43	11°16	8°29	12°25	23°19	3°56	14°36	15°32	15°23	n.a.	F 30
S 31	5 54 15	29♐52'21	9♒21	18♉ 6	15♐22	20♋25	11♊ 8	8♉36	12♎26	23♐22	3♓57	14♍29	15♍29	15♈29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s20	18s55	4n49	22s 3	1s39	24s 6	0s17	24n37	3n 3	23n 4	0n 6	24s14	0s31	4s 2	0n35	23s 6	0n30	26s15	17s17	4n53	5n11	2n52		n.a.
F 2	20 33	18 14	4 21	22 28	1 43	23 53	0 4	24 39	3 5	23 4	0 6	24 14	0 31	4 3	0 35	23 6	0 30	26 15	17 16	4 56	5 13	2 54		n.a.
S 3	20 46	16 34	3 38	22 52	1 47	23 40	0n 9	24 41	3 8	23 3	0 6	24 14	0 31	4 4	0 35	23 6	0 30	26 14	17 16	4 59	5 14	2 56		n.a.
S 4	20 59	14 8	2 47	23 14	1 50	23 26	0 23	24 43	3 10	23 2	0 7	24 14	0 31	4 5	0 35	23 6	0 30	26 14	17 16	5 0	5 15	2 58		n.a.
M 5	21 11	11 7	1 48	23 35	1 53	23 12	0 36	24 45	3 13	23 2	0 7	24 13	0 31	4 6	0 35	23 6	0 30	26 14	17 15	5 1	5 16	3 0		n.a.
T 6	21 22	7 42	0 46	23 54	1 55	22 58	0 51	24 48	3 15	23 1	0 7	24 13	0 31	4 7	0 35	23 6	0 30	26 13	17 15	5 1	5 18	3 2		n.a.
W 7	21 34	4 1	0s17	24 13	1 58	22 43	1 5	24 50	3 18	23 0	0 7	24 13	0 31	4 8	0 35	23 6	0 30	26 13	17 15	5 1	5 19	3 4		n.a.
T 8	21 44	0 12	1 18	24 29	1 59	22 28	1 20	24 53	3 21	22 59	0 7	24 13	0 31	4 9	0 35	23 7	0 30	26 12	17 14	5 1	5 20	3 6		n.a.
F 9	21 55	3n36	2 17	24 44	2 1	22 13	1 35	24 56	3 23	22 58	0 7	24 13	0 31	4 10	0 35	23 7	0 30	26 12	17 14	5 2	5 21	3 8		n.a.
S 10	22 5	7 18	3 9	24 58	2 2	21 57	1 50	24 59	3 26	22 58	0 8	24 12	0 31	4 11	0 35	23 7	0 30	26 12	17 13	5 4	5 23	3 9		n.a.
S 11	22 14	10 45	3 54	25 10	2 3	21 42	2 5	25 2	3 28	22 57	0 8	24 12	0 31	4 12	0 35	23 7	0 30	26 11	17 13	5 8	5 24	3 11		n.a.
M12	22 23	13 47	4 28	25 20	2 3	21 25	2 21	25 5	3 31	22 56	0 8	24 12	0 31	4 13	0 35	23 7	0 30	26 11	17 13	5 12	5 25	3 13		n.a.
T 13	22 32	16 16	4 51	25 28	2 2	21 9	2 36	25 8	3 33	22 55	0 8	24 11	0 32	4 14	0 35	23 7	0 30	26 10	17 12	5 17	5 26	3 15		n.a.
W14	22 40	18 1	5 0	25 35	2 2	20 53	2 51	25 12	3 36	22 54	0 8	24 11	0 32	4 15	0 35	23 7	0 30	26 10	17 12	5 23	5 28	3 17		n.a.
T 15	22 48	18 55	4 54	25 39	2 0	20 36	3 7	25 16	3 38	22 53	0 8	24 11	0 32	4 16	0 35	23 8	0 30	26 9	17 12	5 29	5 29	3 19		n.a.
F 16	22 55	18 50	4 33	25 42	1 58	20 20	3 22	25 19	3 41	22 53	0 8	24 11	0 32	4 17	0 35	23 8	0 30	26 9	17 11	5 33	5 30	3 21		n.a.
S 17	23 2	17 45	3 57	25 43	1 56	20 3	3 37	25 23	3 43	22 52	0 9	24 10	0 32	4 17	0 35	23 8	0 30	26 8	17 11	5 37	5 31	3 23		n.a.
S 18	23 9	15 40	3 7	25 42	1 52	19 47	3 51	25 27	3 46	22 51	0 9	24 10	0 32	4 18	0 35	23 8	0 30	26 8	17 10	5 40	5 33	3 25		n.a.
M19	23 15	12 43	2 7	25 38	1 49	19 30	4 6	25 31	3 48	22 50	0 9	24 10	0 32	4 19	0 35	23 8	0 30	26 7	17 10	5 42	5 34	3 26		n.a.
T 20	23 20	9 2	0 58	25 33	1 44	19 14	4 20	25 36	3 51	22 49	0 9	24 9	0 32	4 20	0 35	23 8	0 30	26 7	17 10	5 42	5 35	3 28		n.a.
W21	23 25	4 48	0n15	25 25	1 39	18 58	4 33	25 40	3 53	22 48	0 9	24 9	0 32	4 21	0 35	23 8	0 30	26 6	17 9	5 42	5 36	3 30		n.a.
T 22	23 30	0 16	1 28	25 16	1 32	18 43	4 46	25 44	3 56	22 47	0 9	24 9	0 32	4 21	0 35	23 9	0 30	26 6	17 9	5 42	5 38	3 32		n.a.
F 23	23 34	4s20	2 37	25 4	1 25	18 28	4 58	25 49	3 58	22 46	0 10	24 8	0 32	4 22	0 35	23 9	0 30	26 5	17 9	5 43	5 39	3 34		n.a.
S 24	23 38	8 44	3 36	24 51	1 18	18 13	5 10	25 54	4 0	22 45	0 10	24 8	0 32	4 23	0 35	23 9	0 30	26 5	17 8	5 45	5 40	3 36		n.a.
S 25	23 41	12 39	4 22	24 35	1 9	17 59	5 21	25 58	4 3	22 45	0 10	24 7	0 32	4 23	0 35	23 9	0 30	26 4	17 8	5 47	5 41	3 38		n.a.
M26	23 43	15 48	4 50	24 18	0 59	17 46	5 31	26 3	4 5	22 44	0 10	24 7	0 32	4 24	0 35	23 9	0 30	26 4	17 8	5 51	5 43	3 40		n.a.
T 27	23 46	17 57	5 1	23 59	0 49	17 33	5 41	26 8	4 7	22 43	0 10	24 7	0 32	4 25	0 35	23 9	0 30	26 3	17 7	5 56	5 44	3 42		n.a.
W28	23 47	18 57	4 52	23 39	0 37	17 22	5 50	26 13	4 9	22 42	0 10	24 6	0 32	4 25	0 35	23 9	0 30	26 2	17 7	6 1	5 45	3 44		n.a.
T 29	23 49	18 47	4 26	23 18	0 25	17 10	5 58	26 17	4 11	22 41	0 10	24 6	0 32	4 26	0 35	23 9	0 30	26 2	17 7	6 5	5 46	3 45		n.a.
F 30	23 49	17 33	3 46	22 56	0 12	17 0	6 5	26 22	4 13	22 40	0 11	24 6	0 33	4 27	0 35	23 10	0 30	26 1	17 6	6 9	5 48	3 47		n.a.
S 31	23s50	15s24	2n54	22s33	0n 2	16s51	6n12	26n27	4n15	22n39	0n11	24s 5	0s33	4s27	0n35	23s10	0n30	26s 1	17s 6	6n12	5n49	3n49		n.a.

Julian Day Number = 1308659.5, Delta T = 07h43m39s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'29, Lahiri = -19°33'29 Julian Calendar 1 Dec. 1131 BCE == Greg. Calendar 20 Nov. 1131 BCE

The year -1130 astronomical counting style corresponds to year 1131 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

JANUARY 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 11	0♉53'08	22♒ 6	19♉ 7	14°R56	20°R 6	11°R 1	8♉43	12♎28	23♐24	3♓57	14°R24	15♍25	15♈36	n.a.	S 1
M 2	6 2 8	1°53'54	4♓30	20° 0	14♐33	19♋46	10♊54	8°51	12°29	23°26	3°58	14♍22	15°22	15°43	n.a.	M 2
T 3	6 6 4	2°54'39	16°37	20°46	14°11	19°26	10°47	8°58	12°31	23°28	3°59	14°D22	15°19	15°49	n.a.	T 3
W 4	6 10 1	3°55'21	28°33	21°22	13°52	19° 6	10°40	9° 5	12°32	23°31	4° 0	14°R22	15°16	15°56	n.a.	W 4
T 5	6 13 58	4°56'02	10♈22	21°49	13°36	18°44	10°33	9°12	12°33	23°33	4° 1	14°22	15°13	16° 3	n.a.	T 5
F 6	6 17 54	5°56'40	22°11	22° 5	13°22	18°23	10°27	9°20	12°34	23°35	4° 1	14°20	15°10	16° 9	n.a.	F 6
S 7	6 21 51	6°57'17	4♉ 4	22°R11	13°10	18° 1	10°20	9°27	12°35	23°37	4° 2	14°17	15° 6	16°16	n.a.	S 7
S 8	6 25 47	7°57'52	16° 7	22° 7	13° 1	17°38	10°14	9°34	12°36	23°40	4° 3	14°11	15° 3	16°23	n.a.	S 8
M 9	6 29 44	8°58'25	28°23	21°52	12°54	17°16	10° 8	9°42	12°37	23°42	4° 4	14° 2	15° 0	16°29	n.a.	M 9
T 10	6 33 40	9°58'56	10♊54	21°27	12°50	16°53	10° 1	9°49	12°38	23°44	4° 5	13°52	14°57	16°36	n.a.	T 10
W11	6 37 37	10°59'25	23°43	20°52	12°D48	16°30	9°55	9°56	12°39	23°46	4° 6	13°40	14°54	16°43	n.a.	W11
T 12	6 41 33	11°59'53	6♋49	20° 9	12°49	16° 6	9°50	10° 3	12°40	23°48	4° 7	13°29	14°51	16°49	n.a.	T 12
F 13	6 45 30	13° 0'19	20°11	19°18	12°52	15°43	9°44	10°11	12°41	23°51	4° 8	13°19	14°47	16°56	n.a.	F 13
S 14	6 49 27	14° 0'43	3♌47	18°21	12°58	15°19	9°38	10°18	12°42	23°53	4° 9	13°11	14°44	17° 3	n.a.	S 14
S 15	6 53 23	15° 1'05	17°33	17°19	13° 5	14°55	9°33	10°25	12°42	23°55	4°10	13° 5	14°41	17° 9	n.a.	S 15
M16	6 57 20	16° 1'25	1♍28	16°15	13°15	14°31	9°28	10°33	12°43	23°57	4°11	13° 3	14°38	17°16	n.a.	M16
T 17	7 1 16	17° 1'44	15°28	15° 9	13°28	14° 7	9°23	10°40	12°44	23°59	4°12	13°D 2	14°35	17°23	n.a.	T 17
W18	7 5 13	18° 2'01	29°31	14° 3	13°42	13°44	9°18	10°47	12°44	24° 1	4°13	13° 3	14°31	17°29	n.a.	W18
T 19	7 9 9	19° 2'16	13♎37	13° 0	13°58	13°20	9°13	10°54	12°45	24° 3	4°14	13°R 3	14°28	17°36	n.a.	T 19
F 20	7 13 6	20° 2'30	27°45	12° 0	14°17	12°57	9° 8	11° 2	12°45	24° 6	4°15	13° 3	14°25	17°43	n.a.	F 20
S 21	7 17 2	21° 2'42	11♏53	11° 4	14°37	12°33	9° 4	11° 9	12°45	24° 8	4°16	13° 1	14°22	17°49	n.a.	S 21
S 22	7 20 59	22° 2'53	25°59	10°13	15° 0	12°10	9° 0	11°16	12°46	24°10	4°17	12°57	14°19	17°56	n.a.	S 22
M23	7 24 56	23° 3'02	10♐ 1	9°29	15°24	11°47	8°56	11°23	12°46	24°12	4°18	12°51	14°16	18° 3	n.a.	M23
T 24	7 28 52	24° 3'09	23°56	8°51	15°49	11°25	8°52	11°31	12°46	24°14	4°19	12°43	14°12	18° 9	n.a.	T 24
W25	7 32 49	25° 3'14	7♑40	8°19	16°17	11° 3	8°48	11°38	12°46	24°16	4°20	12°35	14° 9	18°16	n.a.	W25
T 26	7 36 45	26° 3'17	21°10	7°55	16°46	10°41	8°44	11°45	12°46	24°18	4°22	12°27	14° 6	18°23	n.a.	T 26
F 27	7 40 42	27° 3'19	4♒23	7°38	17°16	10°20	8°41	11°52	12°R46	24°20	4°23	12°20	14° 3	18°29	n.a.	F 27
S 28	7 44 38	28° 3'18	17°18	7°27	17°48	9°59	8°38	11°59	12°46	24°22	4°24	12°15	14° 0	18°36	n.a.	S 28
S 29	7 48 35	29° 3'15	29°55	7°D23	18°22	9°39	8°35	12° 6	12°46	24°24	4°25	12°12	13°57	18°43	n.a.	S 29
M30	7 52 31	0♒ 3'09	12♓16	7°26	18°57	9°19	8°32	12°14	12°46	24°26	4°26	12°D11	13°53	18°49	n.a.	M30
T 31	7 56 28	1♒ 3'02	24♓23	7♉34	19♐33	9♋ 0	8♊29	12♉21	12♎46	24♐28	4♓28	12♍12	13♍50	18♈56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s49	12 s33	1n55	22 s 9	0n17	16 s42	6n18	26n32	4n17	22n38	0n11	24 s 5	0 s33	4 s28	0n35	23 s10	0n30	26 s 0	17 s 6	6n14	5n50	3n51			n.a.
M 2	23 49	9 12	0 52	21 46	0 33	16 35	6 23	26 37	4 19	22 37	0 11	24 4	0 33	4 28	0 35	23 10	0 30	26 0	17 5	6 15	5 51	3 53			n.a.
T 3	23 48	5 33	0 s12	21 23	0 49	16 28	6 27	26 42	4 21	22 36	0 11	24 4	0 33	4 29	0 35	23 10	0 30	25 59	17 5	6 15	5 53	3 55			n.a.
W 4	23 46	1 44	1 15	21 1	1 6	16 22	6 31	26 46	4 22	22 36	0 11	24 3	0 33	4 29	0 35	23 10	0 30	25 58	17 5	6 15	5 54	3 57			n.a.
T 5	23 44	2n 7	2 14	20 40	1 23	16 18	6 33	26 51	4 24	22 35	0 11	24 3	0 33	4 30	0 35	23 10	0 30	25 58	17 4	6 15	5 55	3 59			n.a.
F 6	23 41	5 53	3 7	20 20	1 41	16 14	6 36	26 55	4 26	22 34	0 11	24 3	0 33	4 30	0 35	23 10	0 30	25 57	17 4	6 16	5 56	4 1			n.a.
S 7	23 38	9 26	3 53	20 2	1 58	16 11	6 37	27 0	4 27	22 33	0 12	24 2	0 33	4 31	0 35	23 11	0 30	25 57	17 4	6 17	5 58	4 2			n.a.
S 8	23 35	12 39	4 28	19 46	2 15	16 9	6 38	27 4	4 28	22 32	0 12	24 2	0 33	4 31	0 35	23 11	0 30	25 56	17 3	6 19	5 59	4 4			n.a.
M 9	23 31	15 22	4 52	19 32	2 31	16 7	6 39	27 9	4 29	22 31	0 12	24 1	0 33	4 31	0 35	23 11	0 30	25 55	17 3	6 23	6 0	4 6			n.a.
T 10	23 27	17 27	5 3	19 20	2 47	16 7	6 38	27 13	4 30	22 31	0 12	24 1	0 33	4 32	0 35	23 11	0 30	25 55	17 3	6 27	6 1	4 8			n.a.
W11	23 22	18 42	4 59	19 11	3 2	16 8	6 38	27 17	4 31	22 30	0 12	24 0	0 33	4 32	0 36	23 11	0 30	25 54	17 3	6 31	6 3	4 10			n.a.
T 12	23 17	19 0	4 39	19 5	3 15	16 9	6 36	27 21	4 32	22 29	0 12	24 0	0 34	4 32	0 36	23 11	0 30	25 53	17 2	6 36	6 4	4 12			n.a.
F 13	23 11	18 16	4 4	19 0	3 26	16 11	6 35	27 24	4 33	22 28	0 12	23 59	0 34	4 33	0 36	23 11	0 30	25 53	17 2	6 40	6 5	4 14			n.a.
S 14	23 5	16 29	3 14	18 59	3 36	16 14	6 33	27 28	4 34	22 28	0 13	23 59	0 34	4 33	0 36	23 11	0 30	25 52	17 2	6 43	6 6	4 16			n.a.
S 15	22 58	13 44	2 12	18 59	3 44	16 17	6 30	27 31	4 34	22 27	0 13	23 58	0 34	4 33	0 36	23 11	0 30	25 52	17 1	6 45	6 8	4 18			n.a.
M16	22 51	10 10	1 2	19 2	3 49	16 21	6 27	27 34	4 35	22 26	0 13	23 58	0 34	4 33	0 36	23 12	0 30	25 51	17 1	6 46	6 9	4 19			n.a.
T 17	22 43	6 1	0n13	19 6	3 52	16 26	6 24	27 37	4 35	22 26	0 13	23 57	0 34	4 34	0 36	23 12	0 30	25 50	17 1	6 46	6 10	4 21			n.a.
W18	22 35	1 32	1 27	19 13	3 53	16 31	6 21	27 40	4 35	22 25	0 13	23 57	0 34	4 34	0 36	23 12	0 30	25 50	17 1	6 46	6 11	4 23			n.a.
T 19	22 27	3 s 4	2 37	19 20	3 52	16 37	6 17	27 43	4 36	22 24	0 13	23 56	0 34	4 34	0 36	23 12	0 30	25 49	17 0	6 46	6 13	4 25			n.a.
F 20	22 18	7 29	3 37	19 29	3 48	16 43	6 13	27 45	4 36	22 24	0 13	23 56	0 34	4 34	0 36	23 12	0 30	25 48	17 0	6 46	6 14	4 27			n.a.
S 21	22 9	11 28	4 23	19 39	3 43	16 49	6 9	27 48	4 36	22 23	0 13	23 55	0 34	4 34	0 36	23 12	0 30	25 48	17 0	6 46	6 15	4 29			n.a.
S 22	21 59	14 48	4 54	19 50	3 36	16 56	6 4	27 50	4 35	22 23	0 13	23 55	0 34	4 34	0 36	23 12	0 30	25 47	17 0	6 48	6 16	4 31			n.a.
M23	21 49	17 15	5 7	20 2	3 28	17 4	5 59	27 52	4 35	22 22	0 14	23 54	0 34	4 34	0 36	23 12	0 30	25 46	16 59	6 51	6 17	4 33			n.a.
T 24	21 39	18 40	5 1	20 14	3 18	17 11	5 54	27 53	4 35	22 22	0 14	23 53	0 34	4 34	0 36	23 12	0 30	25 46	16 59	6 54	6 19	4 35			n.a.
W25	21 28	18 58	4 39	20 26	3 8	17 19	5 49	27 55	4 34	22 21	0 14	23 53	0 35	4 34	0 36	23 12	0 30	25 45	16 59	6 57	6 20	4 36			n.a.
T 26	21 17	18 10	4 0	20 39	2 56	17 27	5 44	27 56	4 34	22 21	0 14	23 52	0 35	4 34	0 36	23 13	0 30	25 44	16 59	7 0	6 21	4 38			n.a.
F 27	21 5	16 24	3 10	20 52	2 44	17 36	5 38	27 57	4 33	22 20	0 14	23 52	0 35	4 34	0 36	23 13	0 30	25 44	16 58	7 3	6 22	4 40			n.a.
S 28	20 53	13 50	2 11	21 5	2 32	17 44	5 33	27 58	4 32	22 20	0 14	23 51	0 35	4 34	0 36	23 13	0 30	25 43	16 58	7 4	6 24	4 42			n.a.
S 29	20 41	10 39	1 6	21 18	2 19	17 53	5 27	27 58	4 31	22 19	0 14	23 51	0 35	4 34	0 36	23 13	0 30	25 42	16 58	7 6	6 25	4 44			n.a.
M30	20 28	7 4	0 s 0	21 31	2 6	18 2	5 21	27 59	4 30	22 19	0 14	23 50	0 35	4 34	0 36	23 13	0 30	25 42	16 58	7 6	6 26	4 46			n.a.
T 31	20 s15	3 s16	1 s 6	21 s44	1n53	18 s11	5n15	27n59	4n29	22n19	0n14	23 s50	0 s35	4 s34	0n36	23 s13	0n30	25 s41	16 s58	7n 6	6n27	4n48			n.a.

Julian Day Number = 1308690.5, Delta T = 07h43m37s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'25, Lahiri = -19°33'25 Julian Calendar 1 Jan. 1130 BCE == Greg. Calendar 21 Dec. 1131 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

FEBRUARY 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 0 24	2♒ 2'52	6♈19	7♉48	20♐10	8°R42	8°R27	12♉28	12°R46	24♐30	4♓29	12♍13	13♍47	19♈ 3	n.a.	W 1
T 2	8 4 21	3° 2'39	18° 9	8° 8	20°48	8♋24	8♊25	12°35	12♎46	24°31	4°30	12°15	13°44	19° 9	n.a.	T 2
F 3	8 8 18	4° 2'25	29°59	8°32	21°28	8° 7	8°23	12°42	12°45	24°33	4°31	12°R16	13°41	19°16	n.a.	F 3
S 4	8 12 14	5° 2'08	11♉53	9° 2	22° 9	7°50	8°21	12°49	12°45	24°35	4°33	12°16	13°37	19°23	n.a.	S 4
S 5	8 16 11	6° 1'48	23°56	9°36	22°51	7°35	8°19	12°56	12°44	24°37	4°34	12°14	13°34	19°29	n.a.	S 5
M 6	8 20 7	7° 1'26	6♊14	10°14	23°34	7°20	8°18	13° 2	12°44	24°39	4°35	12°11	13°31	19°36	n.a.	M 6
T 7	8 24 4	8° 1'02	18°49	10°56	24°18	7° 5	8°17	13° 9	12°43	24°41	4°36	12° 6	13°28	19°43	n.a.	T 7
W 8	8 28 0	9° 0'36	1♋44	11°42	25° 2	6°52	8°16	13°16	12°43	24°42	4°38	12° 1	13°25	19°50	n.a.	W 8
T 9	8 31 57	10° 0'07	15° 2	12°31	25°48	6°39	8°15	13°23	12°42	24°44	4°39	11°56	13°22	19°56	n.a.	T 9
F 10	8 35 53	10°59'35	28°40	13°23	26°35	6°27	8°14	13°30	12°41	24°46	4°40	11°51	13°18	20° 3	n.a.	F 10
S 11	8 39 50	11°59'02	12♌37	14°19	27°22	6°15	8°14	13°37	12°41	24°48	4°42	11°47	13°15	20°10	n.a.	S 11
S 12	8 43 47	12°58'26	26°49	15°17	28°10	6° 5	8°13	13°43	12°40	24°49	4°43	11°45	13°12	20°16	n.a.	S 12
M13	8 47 43	13°57'48	11♍11	16°18	28°59	5°55	8°D13	13°50	12°39	24°51	4°44	11°D44	13° 9	20°23	n.a.	M13
T 14	8 51 40	14°57'08	25°37	17°22	29°49	5°46	8°13	13°57	12°38	24°53	4°46	11°45	13° 6	20°30	n.a.	T 14
W15	8 55 36	15°56'27	10♎ 4	18°28	0♉40	5°38	8°14	14° 3	12°37	24°54	4°47	11°46	13° 3	20°36	n.a.	W15
T 16	8 59 33	16°55'43	24°27	19°36	1°31	5°31	8°14	14°10	12°36	24°56	4°48	11°47	12°59	20°43	n.a.	T 16
F 17	9 3 29	17°54'57	8♏43	20°47	2°23	5°24	8°15	14°16	12°35	24°57	4°50	11°48	12°56	20°50	n.a.	F 17
S 18	9 7 26	18°54'09	22°50	21°59	3°15	5°18	8°16	14°23	12°34	24°59	4°51	11°R49	12°53	20°56	n.a.	S 18
S 19	9 11 22	19°53'20	6♐45	23°14	4° 8	5°13	8°17	14°29	12°33	25° 0	4°53	11°48	12°50	21° 3	n.a.	S 19
M20	9 15 19	20°52'29	20°29	24°31	5° 2	5° 9	8°18	14°36	12°32	25° 2	4°54	11°46	12°47	21°10	n.a.	M20
T 21	9 19 15	21°51'36	4♑ 0	25°50	5°56	5° 5	8°19	14°42	12°30	25° 3	4°55	11°43	12°43	21°16	n.a.	T 21
W22	9 23 12	22°50'41	17°17	27°10	6°51	5° 2	8°21	14°48	12°29	25° 5	4°57	11°41	12°40	21°23	n.a.	W22
T 23	9 27 9	23°49'44	0♒21	28°32	7°47	5° 0	8°23	14°54	12°28	25° 6	4°58	11°38	12°37	21°30	n.a.	T 23
F 24	9 31 5	24°48'44	13°12	29°56	8°42	4°59	8°25	15° 1	12°26	25° 7	5° 0	11°36	12°34	21°36	n.a.	F 24
S 25	9 35 2	25°47'43	25°48	1♒22	9°39	4°D59	8°27	15° 7	12°25	25° 9	5° 1	11°34	12°31	21°43	n.a.	S 25
S 26	9 38 58	26°46'39	8♓12	2°49	10°36	4°59	8°29	15°13	12°24	25°10	5° 2	11°D34	12°28	21°50	n.a.	S 26
M27	9 42 55	27°45'34	20°23	4°18	11°33	5° 0	8°32	15°19	12°22	25°11	5° 4	11°34	12°24	21°56	n.a.	M27
T 28	9 46 51	28♒44'25	2♈25	5♒48	12♉30	5♋ 2	8♊34	15♉25	12♎20	25♐13	5♓ 5	11♍35	12♍21	22♈ 3	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 1	0n36	2s 7	21s56	1n40	18s19	5n 9	27n59	4n28	22n19	0n15	23s49	0s35	4s34	0n36	23s13	0n30	25s41	16s57	7n 5	6n29	4n50		n.a.
T 2	19 48	4 25	3 3	22 7	1 27	18 28	5 3	27 59	4 27	22 18	0 15	23 48	0 35	4 34	0 36	23 13	0 30	25 40	16 57	7 4	6 30	4 52		n.a.
F 3	19 33	8 3	3 51	22 19	1 14	18 37	4 56	27 59	4 25	22 18	0 15	23 48	0 35	4 34	0 36	23 13	0 30	25 39	16 57	7 4	6 31	4 53		n.a.
S 4	19 19	11 23	4 29	22 29	1 2	18 46	4 50	27 59	4 24	22 18	0 15	23 47	0 36	4 34	0 36	23 13	0 30	25 39	16 57	7 4	6 32	4 55		n.a.
S 5	19 4	14 17	4 56	22 39	0 49	18 54	4 44	27 58	4 22	22 18	0 15	23 47	0 36	4 33	0 36	23 13	0 30	25 38	16 57	7 5	6 34	4 57		n.a.
M 6	18 49	16 36	5 10	22 48	0 37	19 3	4 37	27 58	4 21	22 18	0 15	23 46	0 36	4 33	0 36	23 13	0 30	25 37	16 56	7 6	6 35	4 59		n.a.
T 7	18 33	18 12	5 10	22 57	0 26	19 12	4 31	27 57	4 19	22 17	0 15	23 45	0 36	4 33	0 36	23 14	0 30	25 37	16 56	7 8	6 36	5 1		n.a.
W 8	18 18	18 55	4 54	23 4	0 14	19 20	4 24	27 56	4 18	22 17	0 15	23 45	0 36	4 33	0 36	23 14	0 30	25 36	16 56	7 10	6 37	5 3		n.a.
T 9	18 2	18 38	4 22	23 11	0 3	19 28	4 18	27 55	4 16	22 17	0 15	23 44	0 36	4 32	0 36	23 14	0 30	25 35	16 56	7 12	6 39	5 5		n.a.
F 10	17 45	17 16	3 34	23 16	0s 8	19 36	4 11	27 54	4 14	22 17	0 15	23 44	0 36	4 32	0 36	23 14	0 30	25 35	16 56	7 14	6 40	5 7		n.a.
S 11	17 28	14 51	2 33	23 21	0 18	19 43	4 5	27 53	4 13	22 17	0 15	23 43	0 36	4 32	0 36	23 14	0 30	25 34	16 56	7 15	6 41	5 9		n.a.
S 12	17 12	11 31	1 21	23 24	0 28	19 51	3 58	27 52	4 11	22 17	0 16	23 43	0 36	4 31	0 36	23 14	0 30	25 33	16 56	7 16	6 42	5 10		n.a.
M13	16 54	7 27	0 3	23 26	0 38	19 58	3 51	27 50	4 9	22 17	0 16	23 42	0 36	4 31	0 36	23 14	0 30	25 33	16 55	7 16	6 44	5 12		n.a.
T 14	16 37	2 55	1n16	23 27	0 47	20 5	3 45	27 49	4 7	22 18	0 16	23 41	0 37	4 31	0 36	23 14	0 30	25 32	16 55	7 16	6 45	5 14		n.a.
W15	16 19	1s46	2 30	23 27	0 55	20 11	3 38	27 47	4 5	22 18	0 16	23 41	0 37	4 30	0 36	23 14	0 30	25 31	16 55	7 16	6 46	5 16		n.a.
T 16	16 1	6 19	3 34	23 25	1 4	20 18	3 32	27 46	4 3	22 18	0 16	23 40	0 37	4 30	0 36	23 14	0 30	25 31	16 55	7 15	6 47	5 18		n.a.
F 17	15 43	10 28	4 24	23 22	1 12	20 23	3 25	27 44	4 1	22 18	0 16	23 40	0 37	4 30	0 36	23 14	0 30	25 30	16 55	7 15	6 48	5 20		n.a.
S 18	15 24	13 58	4 58	23 18	1 19	20 29	3 18	27 42	3 59	22 18	0 16	23 39	0 37	4 29	0 36	23 14	0 30	25 30	16 55	7 15	6 50	5 22		n.a.
S 19	15 5	16 38	5 14	23 12	1 26	20 34	3 12	27 40	3 57	22 18	0 16	23 38	0 37	4 29	0 36	23 14	0 30	25 29	16 55	7 15	6 51	5 24		n.a.
M20	14 46	18 18	5 11	23 5	1 33	20 39	3 5	27 38	3 55	22 19	0 16	23 38	0 37	4 28	0 36	23 14	0 30	25 28	16 55	7 16	6 52	5 25		n.a.
T 21	14 27	18 54	4 52	22 57	1 39	20 43	2 59	27 36	3 53	22 19	0 16	23 37	0 37	4 28	0 37	23 14	0 30	25 28	16 55	7 17	6 53	5 27		n.a.
W22	14 7	18 27	4 17	22 47	1 45	20 47	2 52	27 34	3 51	22 19	0 16	23 37	0 37	4 27	0 37	23 15	0 30	25 27	16 54	7 18	6 55	5 29		n.a.
T 23	13 48	17 1	3 28	22 35	1 50	20 50	2 46	27 32	3 49	22 20	0 17	23 36	0 38	4 27	0 37	23 15	0 30	25 26	16 54	7 19	6 56	5 31		n.a.
F 24	13 28	14 44	2 31	22 22	1 55	20 53	2 39	27 30	3 47	22 20	0 17	23 35	0 38	4 26	0 37	23 15	0 30	25 26	16 54	7 20	6 57	5 33		n.a.
S 25	13 8	11 46	1 26	22 7	1 59	20 56	2 33	27 28	3 45	22 21	0 17	23 35	0 38	4 25	0 37	23 15	0 30	25 25	16 54	7 20	6 58	5 35		n.a.
S 26	12 47	8 21	0 19	21 51	2 3	20 58	2 26	27 26	3 42	22 21	0 17	23 34	0 38	4 25	0 37	23 15	0 30	25 25	16 54	7 20	7 0	5 37		n.a.
M27	12 27	4 37	0s49	21 33	2 7	21 0	2 20	27 24	3 40	22 22	0 17	23 34	0 38	4 24	0 37	23 15	0 30	25 24	16 54	7 20	7 1	5 39		n.a.
T 28	12s 6	0s45	1s53	21s13	2s10	21s 1	2n13	27n22	3n38	22n22	0n17	23s33	0s38	4s24	0n37	23s15	0n30	25s23	16s54	7n20	7n 2	5n40		n.a.

Julian Day Number = 1308721.5, Delta T = 07h43m35s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'21, Lahiri = -19°33'20 Julian Calendar 1 Feb. 1130 BCE == Greg. Calendar 21 Jan. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

MARCH 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 50 48	29♒43'15	14♈19	7♒20	13♉29	5♋ 5	8♊37	15♉31	12°R19	25♐14	5♓ 7	11♍36	12♍18	22♈10	n.a.	W 1
T 2	9 54 44	0♓42'02	26°10	8°54	14°27	5° 8	8°40	15°37	12♎17	25°15	5° 8	11°37	12°15	22°16	n.a.	T 2
F 3	9 58 41	1°40'47	7♉59	10°29	15°26	5°12	8°44	15°43	12°16	25°16	5°10	11°38	12°12	22°23	n.a.	F 3
S 4	10 2 37	2°39'30	19°53	12° 6	16°25	5°16	8°47	15°48	12°14	25°17	5°11	11°38	12° 8	22°30	n.a.	S 4
S 5	10 6 34	3°38'11	1♊56	13°44	17°25	5°22	8°51	15°54	12°12	25°19	5°12	11°R39	12° 5	22°36	n.a.	S 5
M 6	10 10 31	4°36'49	14°11	15°24	18°25	5°28	8°55	16° 0	12°10	25°20	5°14	11°39	12° 2	22°43	n.a.	M 6
T 7	10 14 27	5°35'24	26°45	17° 6	19°25	5°34	8°58	16° 5	12° 9	25°21	5°15	11°38	11°59	22°50	n.a.	T 7
W 8	10 18 24	6°33'58	9♋39	18°49	20°25	5°41	9° 3	16°11	12° 7	25°22	5°17	11°38	11°56	22°56	n.a.	W 8
T 9	10 22 20	7°32'29	22°58	20°33	21°26	5°49	9° 7	16°16	12° 5	25°23	5°18	11°37	11°53	23° 3	n.a.	T 9
F 10	10 26 17	8°30'58	6♌41	22°19	22°27	5°58	9°11	16°22	12° 3	25°24	5°20	11°37	11°49	23°10	n.a.	F 10
S 11	10 30 13	9°29'24	20°49	24° 7	23°29	6° 7	9°16	16°27	12° 1	25°25	5°21	11°36	11°46	23°16	n.a.	S 11
S 12	10 34 10	10°27'49	5♍17	25°56	24°31	6°17	9°21	16°33	11°59	25°26	5°22	11°36	11°43	23°23	n.a.	S 12
M13	10 38 6	11°26'11	20° 1	27°47	25°33	6°27	9°26	16°38	11°57	25°26	5°24	11°36	11°40	23°30	n.a.	M13
T 14	10 42 3	12°24'31	4♎54	29°40	26°35	6°38	9°31	16°43	11°55	25°27	5°25	11°36	11°37	23°37	n.a.	T 14
W15	10 45 59	13°22'50	19°47	1♓34	27°38	6°49	9°36	16°48	11°53	25°28	5°27	11°36	11°34	23°43	n.a.	W15
T 16	10 49 56	14°21'07	4♏34	3°30	28°41	7° 1	9°41	16°53	11°51	25°29	5°28	11°36	11°30	23°50	n.a.	T 16
F 17	10 53 53	15°19'22	19° 7	5°27	29°44	7°14	9°47	16°58	11°49	25°30	5°30	11°36	11°27	23°57	n.a.	F 17
S 18	10 57 49	16°17'36	3♐24	7°26	0♒47	7°27	9°53	17° 3	11°46	25°30	5°31	11°35	11°24	24° 3	n.a.	S 18
S 19	11 1 46	17°15'48	17°21	9°26	1°51	7°40	9°59	17° 8	11°44	25°31	5°32	11°D35	11°21	24°10	n.a.	S 19
M20	11 5 42	18°13'58	0♑58	11°28	2°54	7°54	10° 5	17°13	11°42	25°32	5°34	11°35	11°18	24°17	n.a.	M20
T 21	11 9 39	19°12'07	14°16	13°32	3°58	8° 9	10°11	17°17	11°40	25°32	5°35	11°36	11°14	24°23	n.a.	T 21
W22	11 13 35	20°10'14	27°16	15°36	5° 3	8°24	10°17	17°22	11°38	25°33	5°37	11°37	11°11	24°30	n.a.	W22
T 23	11 17 32	21° 8'20	10♒ 0	17°42	6° 7	8°40	10°24	17°26	11°35	25°33	5°38	11°38	11° 8	24°37	n.a.	T 23
F 24	11 21 28	22° 6'24	22°30	19°49	7°12	8°56	10°30	17°31	11°33	25°34	5°39	11°38	11° 5	24°43	n.a.	F 24
S 25	11 25 25	23° 4'26	4♓49	21°57	8°16	9°12	10°37	17°35	11°31	25°34	5°41	11°39	11° 2	24°50	n.a.	S 25
S 26	11 29 22	24° 2'27	16°58	24° 6	9°21	9°29	10°44	17°39	11°28	25°35	5°42	11°R39	10°59	24°57	n.a.	S 26
M27	11 33 18	25° 0'25	28°59	26°15	10°27	9°46	10°51	17°44	11°26	25°35	5°43	11°38	10°55	25° 3	n.a.	M27
T 28	11 37 15	25°58'23	10♈54	28°25	11°32	10° 4	10°58	17°48	11°24	25°36	5°45	11°37	10°52	25°10	n.a.	T 28
W29	11 41 11	26°56'18	22°45	0♈34	12°37	10°22	11° 5	17°52	11°21	25°36	5°46	11°35	10°49	25°17	n.a.	W29
T 30	11 45 8	27°54'11	4♉35	2°44	13°43	10°41	11°13	17°56	11°19	25°36	5°48	11°33	10°46	25°23	n.a.	T 30
F 31	11 49 4	28♓52'03	16♉26	4♈53	14♒49	11♋ 0	11♊20	18♉ 0	11♎16	25♐37	5♓49	11♍30	10♍43	25♈30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s45	3n 6	2s52	20s52	2s12	21s 1	2n 7	27n20	3n36	22n23	0n17	23s32	0s38	4s23	0n37	23s15	0n30	25s23	16s54	7n20	7n 3	5n42			n.a.
T 2	11 24	6 48	3 43	20 29	2 14	21 1	2 1	27 17	3 34	22 23	0 17	23 32	0 38	4 22	0 37	23 15	0 30	25 22	16 54	7 19	7 5	5 44			n.a.
F 3	11 3	10 14	4 24	20 4	2 16	21 1	1 55	27 15	3 32	22 24	0 17	23 31	0 38	4 22	0 37	23 15	0 30	25 22	16 54	7 19	7 6	5 46			n.a.
S 4	10 42	13 16	4 55	19 38	2 17	21 0	1 49	27 13	3 30	22 24	0 17	23 31	0 39	4 21	0 37	23 15	0 30	25 21	16 54	7 19	7 7	5 48			n.a.
S 5	10 20	15 46	5 13	19 10	2 18	20 59	1 43	27 10	3 28	22 25	0 17	23 30	0 39	4 20	0 37	23 15	0 30	25 20	16 54	7 19	7 8	5 50			n.a.
M 6	9 58	17 37	5 17	18 40	2 18	20 57	1 37	27 8	3 25	22 26	0 17	23 30	0 39	4 19	0 37	23 15	0 30	25 20	16 54	7 19	7 9	5 52			n.a.
T 7	9 37	18 41	5 7	18 8	2 17	20 54	1 31	27 6	3 23	22 26	0 17	23 29	0 39	4 19	0 37	23 15	0 30	25 19	16 54	7 19	7 11	5 54			n.a.
W 8	9 15	18 48	4 40	17 35	2 16	20 51	1 25	27 3	3 21	22 27	0 17	23 28	0 39	4 18	0 37	23 15	0 30	25 19	16 54	7 19	7 12	5 56			n.a.
T 9	8 53	17 55	3 59	17 0	2 15	20 47	1 19	27 1	3 19	22 28	0 18	23 28	0 39	4 17	0 37	23 15	0 30	25 18	16 54	7 19	7 13	5 57			n.a.
F 10	8 30	15 58	3 2	16 23	2 13	20 43	1 13	26 58	3 17	22 29	0 18	23 27	0 39	4 16	0 37	23 15	0 30	25 18	16 54	7 19	7 14	5 59			n.a.
S 11	8 8	13 0	1 53	15 44	2 10	20 39	1 7	26 56	3 15	22 29	0 18	23 27	0 39	4 16	0 37	23 15	0 30	25 17	16 54	7 19	7 16	6 1			n.a.
S 12	7 46	9 11	0 35	15 4	2 7	20 33	1 2	26 53	3 13	22 30	0 18	23 26	0 40	4 15	0 37	23 15	0 30	25 17	16 54	7 19	7 17	6 3			n.a.
M13	7 23	4 44	0n47	14 22	2 4	20 27	0 56	26 51	3 11	22 31	0 18	23 26	0 40	4 14	0 37	23 15	0 30	25 16	16 54	7 19	7 18	6 5			n.a.
T 14	7 1	0s 3	2 6	13 38	1 59	20 21	0 51	26 48	3 9	22 32	0 18	23 25	0 40	4 13	0 37	23 15	0 30	25 16	16 54	7 19	7 19	6 7			n.a.
W15	6 38	4 50	3 17	12 52	1 55	20 14	0 45	26 46	3 7	22 33	0 18	23 25	0 40	4 12	0 37	23 15	0 30	25 15	16 54	7 19	7 21	6 9			n.a.
T 16	6 15	9 16	4 14	12 5	1 49	20 7	0 40	26 43	3 5	22 34	0 18	23 24	0 40	4 12	0 37	23 15	0 30	25 15	16 54	7 20	7 22	6 10			n.a.
F 17	5 52	13 5	4 54	11 16	1 44	19 59	0 35	26 40	3 3	22 35	0 18	23 24	0 40	4 11	0 37	23 15	0 30	25 14	16 54	7 20	7 23	6 12			n.a.
S 18	5 30	16 2	5 14	10 25	1 37	19 50	0 29	26 38	3 1	22 35	0 18	23 23	0 40	4 10	0 37	23 15	0 30	25 14	16 54	7 20	7 24	6 14			n.a.
S 19	5 7	17 58	5 16	9 33	1 30	19 41	0 24	26 35	2 59	22 36	0 18	23 23	0 41	4 9	0 37	23 15	0 30	25 13	16 54	7 20	7 25	6 16			n.a.
M20	4 44	18 50	5 0	8 39	1 23	19 31	0 19	26 32	2 57	22 37	0 18	23 22	0 41	4 8	0 37	23 15	0 30	25 13	16 54	7 20	7 27	6 18			n.a.
T 21	4 20	18 37	4 28	7 44	1 15	19 21	0 14	26 29	2 55	22 38	0 18	23 22	0 41	4 7	0 37	23 15	0 30	25 12	16 54	7 20	7 28	6 20			n.a.
W22	3 57	17 25	3 42	6 47	1 7	19 10	0 9	26 26	2 53	22 39	0 18	23 21	0 41	4 6	0 37	23 15	0 30	25 12	16 55	7 19	7 29	6 22			n.a.
T 23	3 34	15 21	2 47	5 49	0 58	18 59	0 4	26 23	2 51	22 40	0 19	23 21	0 41	4 5	0 37	23 15	0 30	25 11	16 55	7 19	7 30	6 24			n.a.
F 24	3 11	12 36	1 44	4 50	0 49	18 47	0s 0	26 20	2 49	22 41	0 19	23 20	0 41	4 4	0 37	23 15	0 30	25 11	16 55	7 19	7 32	6 25			n.a.
S 25	2 48	9 19	0 38	3 50	0 39	18 34	0 5	26 17	2 48	22 42	0 19	23 20	0 41	4 4	0 37	23 15	0 30	25 10	16 55	7 18	7 33	6 27			n.a.
S 26	2 24	5 41	0s29	2 50	0 29	18 21	0 10	26 14	2 46	22 44	0 19	23 20	0 41	4 3	0 37	23 15	0 30	25 10	16 55	7 18	7 34	6 29			n.a.
M27	2 1	1 51	1 35	1 48	0 19	18 8	0 14	26 11	2 44	22 45	0 19	23 19	0 42	4 2	0 37	23 16	0 30	25 9	16 55	7 19	7 35	6 31			n.a.
T 28	1 38	2n 1	2 35	0 46	0 9	17 54	0 18	26 8	2 42	22 46	0 19	23 19	0 42	4 1	0 37	23 16	0 30	25 9	16 55	7 19	7 36	6 33			n.a.
W29	1 14	5 46	3 28	0n16	0n 2	17 39	0 23	26 4	2 40	22 47	0 19	23 18	0 42	4 0	0 37	23 16	0 30	25 9	16 55	7 20	7 38	6 35			n.a.
T 30	0 51	9 18	4 13	1 18	0 13	17 24	0 27	26 1	2 38	22 48	0 19	23 18	0 42	3 59	0 37	23 16	0 30	25 8	16 55	7 21	7 39	6 37			n.a.
F 31	0s27	12n27	4s46	2n20	0n23	17s 9	0s31	25n58	2n37	22n49	0n19	23s18	0s42	3s58	0n37	23s16	0n30	25s 8	16s56	7n22	7n40	6n39			n.a.

Julian Day Number = 1308749.5, Delta T = 07h43m34s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'17, Lahiri = -19°33'16 Julian Calendar 1 March 1130 BCE == Greg. Calendar 18 Feb. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

APRIL 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 1	29♓49'53	28♉20	7♈ 1	15♒55	11♋20	11♊28	18♑ 4	11°R14	25♐37	5♓50	11°R27	10♍39	25♈37	n.a.	S 1
S 2	11 56 57	0♈47'41	10♊23	9° 8	17° 1	11°40	11°36	18° 7	11♎11	25°37	5°52	11♍25	10°36	25°43	n.a.	S 2
M 3	12 0 54	1°45'28	22°37	11°14	18° 7	12° 0	11°44	18°11	11° 9	25°37	5°53	11°24	10°33	25°50	n.a.	M 3
T 4	12 4 50	2°43'12	5♋ 6	13°18	19°13	12°20	11°52	18°15	11° 7	25°38	5°54	11°D24	10°30	25°57	n.a.	T 4
W 5	12 8 47	3°40'55	17°56	15°21	20°20	12°41	12° 0	18°18	11° 4	25°38	5°55	11°25	10°27	26° 4	n.a.	W 5
T 6	12 12 44	4°38'36	1♌ 9	17°21	21°27	13° 3	12° 8	18°22	11° 2	25°38	5°57	11°26	10°24	26°10	n.a.	T 6
F 7	12 16 40	5°36'15	14°48	19°19	22°33	13°25	12°17	18°25	10°59	25°38	5°58	11°27	10°20	26°17	n.a.	F 7
S 8	12 20 37	6°33'53	28°55	21°14	23°40	13°47	12°25	18°28	10°57	25°38	5°59	11°29	10°17	26°24	n.a.	S 8
S 9	12 24 33	7°31'28	13♍26	23° 7	24°47	14° 9	12°34	18°31	10°54	25°R38	6° 1	11°R29	10°14	26°30	n.a.	S 9
M10	12 28 30	8°29'03	28°19	24°57	25°55	14°32	12°43	18°34	10°52	25°38	6° 2	11°28	10°11	26°37	n.a.	M10
T 11	12 32 26	9°26'35	13♎27	26°44	27° 2	14°55	12°52	18°37	10°49	25°38	6° 3	11°26	10° 8	26°44	n.a.	T 11
W12	12 36 23	10°24'07	28°39	28°28	28° 9	15°18	13° 1	18°40	10°47	25°38	6° 4	11°23	10° 5	26°50	n.a.	W12
T 13	12 40 19	11°21'37	13♏46	0♉ 9	29°17	15°42	13°10	18°43	10°44	25°38	6° 5	11°19	10° 1	26°57	n.a.	T 13
F 14	12 44 16	12°19'06	28°39	1°47	0♓24	16° 6	13°19	18°46	10°42	25°37	6° 7	11°15	9°58	27° 4	n.a.	F 14
S 15	12 48 13	13°16'35	13♐11	3°22	1°32	16°30	13°28	18°48	10°39	25°37	6° 8	11°11	9°55	27°10	n.a.	S 15
S 16	12 52 9	14°14'02	27°17	4°53	2°40	16°55	13°38	18°51	10°36	25°37	6° 9	11° 9	9°52	27°17	n.a.	S 16
M17	12 56 6	15°11'28	10♑57	6°21	3°48	17°19	13°47	18°53	10°34	25°37	6°10	11°D 7	9°49	27°24	n.a.	M17
T 18	13 0 2	16° 8'54	24°12	7°46	4°56	17°45	13°57	18°56	10°31	25°37	6°11	11° 8	9°45	27°30	n.a.	T 18
W19	13 3 59	17° 6'18	7♒ 4	9° 8	6° 4	18°10	14° 6	18°58	10°29	25°36	6°12	11° 9	9°42	27°37	n.a.	W19
T 20	13 7 55	18° 3'42	19°37	10°26	7°12	18°36	14°16	19° 0	10°27	25°36	6°14	11°10	9°39	27°44	n.a.	T 20
F 21	13 11 52	19° 1'05	1♓55	11°40	8°21	19° 2	14°26	19° 2	10°24	25°36	6°15	11°12	9°36	27°51	n.a.	F 21
S 22	13 15 48	19°58'27	14° 1	12°52	9°29	19°28	14°36	19° 4	10°22	25°35	6°16	11°R12	9°33	27°57	n.a.	S 22
S 23	13 19 45	20°55'48	25°59	13°59	10°38	19°54	14°46	19° 6	10°19	25°35	6°17	11°11	9°30	28° 4	n.a.	S 23
M24	13 23 42	21°53'08	7♈53	15° 3	11°46	20°21	14°56	19° 8	10°17	25°34	6°18	11° 8	9°26	28°11	n.a.	M24
T 25	13 27 38	22°50'27	19°43	16° 4	12°55	20°48	15° 7	19° 9	10°14	25°34	6°19	11° 3	9°23	28°17	n.a.	T 25
W26	13 31 35	23°47'45	1♉33	17° 0	14° 4	21°15	15°17	19°11	10°12	25°33	6°20	10°56	9°20	28°24	n.a.	W26
T 27	13 35 31	24°45'03	13°23	17°53	15°13	21°43	15°27	19°12	10° 9	25°33	6°21	10°48	9°17	28°31	n.a.	T 27
F 28	13 39 28	25°42'19	25°17	18°42	16°22	22°11	15°38	19°14	10° 7	25°32	6°22	10°40	9°14	28°37	n.a.	F 28
S 29	13 43 24	26°39'35	7♊16	19°27	17°31	22°38	15°49	19°15	10° 5	25°31	6°23	10°32	9°10	28°44	n.a.	S 29
S 30	13 47 21	27♈36'50	19♊22	20♉ 8	18♓40	23♋ 7	15♊59	19♑16	10♎ 2	25♐31	6♓24	10♍25	9♍ 7	28♈51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 4	15n 7	5s 7	3n21	0n34	16s53	0s35	25n54	2n35	22n50	0n19	23s17	0s42	3s57	0n37	23s16	0n30	25s 7	16s56	7n23	7n41	6n40		n.a.
S 2	0n19	17 10	5 15	4 22	0 45	16 36	0 39	25 51	2 33	22 51	0 19	23 17	0 42	3 56	0 37	23 16	0 30	25 7	16 56	7 24	7 43	6 42		n.a.
M 3	0 43	18 28	5 9	5 21	0 55	16 19	0 43	25 47	2 31	22 53	0 19	23 16	0 43	3 55	0 37	23 16	0 30	25 7	16 56	7 24	7 44	6 44		n.a.
T 4	1 6	18 55	4 49	6 20	1 5	16 2	0 47	25 44	2 30	22 54	0 19	23 16	0 43	3 54	0 37	23 16	0 30	25 6	16 56	7 24	7 45	6 46		n.a.
W 5	1 29	18 25	4 14	7 17	1 15	15 44	0 50	25 40	2 28	22 55	0 19	23 16	0 43	3 53	0 37	23 16	0 30	25 6	16 56	7 24	7 46	6 48		n.a.
T 6	1 52	16 54	3 24	8 13	1 24	15 26	0 54	25 36	2 26	22 56	0 19	23 15	0 43	3 52	0 37	23 16	0 30	25 5	16 56	7 23	7 47	6 50		n.a.
F 7	2 16	14 24	2 22	9 7	1 33	15 7	0 57	25 32	2 24	22 57	0 19	23 15	0 43	3 51	0 37	23 16	0 30	25 5	16 57	7 23	7 49	6 52		n.a.
S 8	2 39	10 58	1 9	9 59	1 42	14 48	1 1	25 28	2 23	22 58	0 20	23 15	0 43	3 50	0 37	23 16	0 30	25 5	16 57	7 22	7 50	6 53		n.a.
S 9	3 2	6 47	0n11	10 49	1 50	14 28	1 4	25 24	2 21	23 0	0 20	23 15	0 44	3 49	0 37	23 16	0 30	25 4	16 57	7 22	7 51	6 55		n.a.
M10	3 25	2 4	1 31	11 37	1 57	14 8	1 7	25 20	2 19	23 1	0 20	23 14	0 44	3 48	0 37	23 16	0 30	25 4	16 57	7 23	7 52	6 57		n.a.
T 11	3 48	2s50	2 47	12 23	2 3	13 48	1 10	25 16	2 18	23 2	0 20	23 14	0 44	3 47	0 37	23 16	0 30	25 4	16 57	7 23	7 54	6 59		n.a.
W12	4 11	7 35	3 50	13 7	2 9	13 27	1 13	25 11	2 16	23 3	0 20	23 14	0 44	3 46	0 37	23 16	0 30	25 4	16 58	7 25	7 55	7 1		n.a.
T 13	4 34	11 49	4 38	13 48	2 14	13 6	1 16	25 7	2 15	23 5	0 20	23 13	0 44	3 45	0 37	23 16	0 30	25 3	16 58	7 26	7 56	7 3		n.a.
F 14	4 57	15 13	5 5	14 27	2 19	12 44	1 19	25 2	2 13	23 6	0 20	23 13	0 44	3 44	0 37	23 16	0 30	25 3	16 58	7 28	7 57	7 5		n.a.
S 15	5 19	17 35	5 13	15 4	2 23	12 22	1 21	24 58	2 11	23 7	0 20	23 13	0 44	3 43	0 37	23 15	0 30	25 3	16 58	7 29	7 58	7 6		n.a.
S 16	5 42	18 47	5 1	15 38	2 26	12 0	1 24	24 53	2 10	23 8	0 20	23 13	0 45	3 42	0 37	23 15	0 30	25 2	16 58	7 30	8 0	7 8		n.a.
M17	6 5	18 51	4 32	16 10	2 28	11 37	1 26	24 48	2 8	23 9	0 20	23 13	0 45	3 41	0 37	23 15	0 30	25 2	16 59	7 31	8 1	7 10		n.a.
T 18	6 27	17 52	3 49	16 40	2 29	11 14	1 29	24 43	2 7	23 11	0 20	23 12	0 45	3 40	0 37	23 15	0 30	25 2	16 59	7 31	8 2	7 12		n.a.
W19	6 49	15 59	2 56	17 8	2 30	10 50	1 31	24 38	2 5	23 12	0 20	23 12	0 45	3 39	0 37	23 15	0 30	25 2	16 59	7 30	8 3	7 14		n.a.
T 20	7 12	13 21	1 55	17 33	2 30	10 27	1 33	24 33	2 4	23 13	0 20	23 12	0 45	3 38	0 37	23 15	0 30	25 1	16 59	7 29	8 5	7 16		n.a.
F 21	7 34	10 11	0 50	17 56	2 28	10 3	1 35	24 28	2 2	23 14	0 20	23 12	0 45	3 37	0 37	23 15	0 30	25 1	16 59	7 29	8 6	7 18		n.a.
S 22	7 56	6 37	0s15	18 16	2 27	9 38	1 37	24 23	2 1	23 16	0 20	23 12	0 46	3 36	0 37	23 15	0 30	25 1	17 0	7 29	8 7	7 19		n.a.
S 23	8 18	2 50	1 20	18 35	2 24	9 14	1 39	24 17	1 59	23 17	0 21	23 12	0 46	3 35	0 37	23 15	0 30	25 1	17 0	7 29	8 8	7 21		n.a.
M24	8 40	1n 2	2 20	18 51	2 20	8 49	1 41	24 12	1 58	23 18	0 21	23 12	0 46	3 34	0 37	23 15	0 30	25 1	17 0	7 30	8 9	7 23		n.a.
T 25	9 1	4 51	3 14	19 5	2 16	8 24	1 43	24 6	1 56	23 19	0 21	23 12	0 46	3 33	0 37	23 15	0 30	25 0	17 0	7 32	8 11	7 25		n.a.
W26	9 23	8 28	3 59	19 16	2 11	7 58	1 44	24 0	1 55	23 21	0 21	23 12	0 46	3 32	0 37	23 15	0 30	25 0	17 1	7 35	8 12	7 27		n.a.
T 27	9 44	11 46	4 34	19 26	2 5	7 32	1 46	23 55	1 54	23 22	0 21	23 12	0 46	3 31	0 37	23 15	0 30	25 0	17 1	7 38	8 13	7 29		n.a.
F 28	10 5	14 35	4 57	19 33	1 58	7 7	1 47	23 49	1 52	23 23	0 21	23 11	0 47	3 30	0 37	23 15	0 30	25 0	17 1	7 41	8 14	7 31		n.a.
S 29	10 27	16 49	5 7	19 38	1 50	6 40	1 49	23 43	1 51	23 24	0 21	23 11	0 47	3 30	0 37	23 15	0 30	25 0	17 2	7 44	8 15	7 32		n.a.
S 30	10n48	18n20	5s 4	19n41	1n41	6s14	1s50	23n36	1n49	23n25	0n21	23s11	0s47	3s29	0n37	23s15	0n30	25s 0	17s 2	7n47	8n17	7n34		n.a.

Julian Day Number = 1308780.5, Delta T = 07h43m32s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'13, Lahiri = -19°33'12 Julian Calendar 1 Apr. 1130 BCE == Greg. Calendar 21 March 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

MAY 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 51 17	28♈34'03	1♋38	20♉44	19♓49	23♋35	16♊10	19♑17	10°R 0	25°R30	6♓25	10°R20	9♍ 4	28♈57	n.a.	M 1
T 2	13 55 14	29°31'16	14° 7	21°17	20°58	24° 4	16°21	19°18	9♎58	25♐29	6°26	10♍17	9° 1	29° 4	n.a.	T 2
W 3	13 59 11	0♉28'28	26°54	21°45	22° 8	24°33	16°32	19°19	9°55	25°29	6°27	10°D15	8°58	29°11	n.a.	W 3
T 4	14 3 7	1°25'38	10♌ 1	22° 9	23°17	25° 2	16°43	19°20	9°53	25°28	6°28	10°15	8°55	29°18	n.a.	T 4
F 5	14 7 4	2°22'48	23°32	22°28	24°27	25°31	16°54	19°21	9°51	25°27	6°29	10°16	8°51	29°24	n.a.	F 5
S 6	14 11 0	3°19'57	7♍29	22°42	25°36	26° 0	17° 5	19°21	9°49	25°26	6°30	10°R17	8°48	29°31	n.a.	S 6
S 7	14 14 57	4°17'05	21°53	22°53	26°46	26°30	17°16	19°22	9°46	25°25	6°30	10°17	8°45	29°38	n.a.	S 7
M 8	14 18 53	5°14'12	6♎41	22°58	27°56	27° 0	17°28	19°22	9°44	25°25	6°31	10°14	8°42	29°44	n.a.	M 8
T 9	14 22 50	6°11'18	21°47	22°R59	29° 5	27°30	17°39	19°22	9°42	25°24	6°32	10°10	8°39	29°51	n.a.	T 9
W10	14 26 46	7° 8'24	7♏ 4	22°56	0♈15	28° 0	17°50	19°22	9°40	25°23	6°33	10° 3	8°36	29°58	n.a.	W10
T 11	14 30 43	8° 5'30	22°19	22°48	1°25	28°31	18° 2	19°R23	9°38	25°22	6°34	9°55	8°32	0♉ 4	n.a.	T 11
F 12	14 34 40	9° 2'35	7♐24	22°36	2°35	29° 1	18°13	19°23	9°36	25°21	6°34	9°46	8°29	0°11	n.a.	F 12
S 13	14 38 36	9°59'40	22° 7	22°19	3°45	29°32	18°25	19°22	9°34	25°20	6°35	9°38	8°26	0°18	n.a.	S 13
S 14	14 42 33	10°56'45	6♑24	21°59	4°55	0♌ 3	18°37	19°22	9°32	25°19	6°36	9°32	8°23	0°24	n.a.	S 14
M15	14 46 29	11°53'50	20°11	21°36	6° 5	0°34	18°49	19°22	9°30	25°18	6°37	9°28	8°20	0°31	n.a.	M15
T 16	14 50 26	12°50'55	3♒29	21° 9	7°16	1° 6	19° 0	19°22	9°28	25°17	6°37	9°26	8°16	0°38	n.a.	T 16
W17	14 54 22	13°48'00	16°21	20°40	8°26	1°37	19°12	19°21	9°26	25°16	6°38	9°D25	8°13	0°45	n.a.	W17
T 18	14 58 19	14°45'05	28°51	20° 8	9°36	2° 9	19°24	19°20	9°24	25°14	6°39	9°26	8°10	0°51	n.a.	T 18
F 19	15 2 16	15°42'10	11♓ 4	19°34	10°47	2°41	19°36	19°20	9°22	25°13	6°39	9°R26	8° 7	0°58	n.a.	F 19
S 20	15 6 12	16°39'15	23° 5	18°59	11°57	3°13	19°48	19°19	9°20	25°12	6°40	9°25	8° 4	1° 5	n.a.	S 20
S 21	15 10 9	17°36'20	4♈58	18°24	13° 8	3°45	20° 0	19°18	9°18	25°11	6°40	9°22	8° 1	1°11	n.a.	S 21
M22	15 14 5	18°33'25	16°47	17°49	14°18	4°17	20°12	19°17	9°17	25°10	6°41	9°17	7°57	1°18	n.a.	M22
T 23	15 18 2	19°30'31	28°36	17°14	15°29	4°50	20°25	19°16	9°15	25° 8	6°42	9° 9	7°54	1°25	n.a.	T 23
W24	15 21 58	20°27'36	10♉27	16°40	16°40	5°22	20°37	19°15	9°13	25° 7	6°42	8°58	7°51	1°31	n.a.	W24
T 25	15 25 55	21°24'42	22°22	16° 8	17°50	5°55	20°49	19°13	9°11	25° 6	6°43	8°46	7°48	1°38	n.a.	T 25
F 26	15 29 51	22°21'48	4♊22	15°38	19° 1	6°28	21° 1	19°12	9°10	25° 5	6°43	8°33	7°45	1°45	n.a.	F 26
S 27	15 33 48	23°18'53	16°29	15°11	20°12	7° 1	21°14	19°11	9° 8	25° 3	6°44	8°20	7°42	1°51	n.a.	S 27
S 28	15 37 45	24°15'59	28°44	14°48	21°23	7°35	21°26	19° 9	9° 7	25° 2	6°44	8° 9	7°38	1°58	n.a.	S 28
M29	15 41 41	25°13'05	11♋ 8	14°28	22°34	8° 8	21°39	19° 7	9° 5	25° 1	6°45	8° 0	7°35	2° 5	n.a.	M29
T 30	15 45 38	26°10'11	23°44	14°12	23°45	8°42	21°51	19° 6	9° 4	24°59	6°45	7°54	7°32	2°12	n.a.	T 30
W31	15 49 34	27♉ 7'17	6♌33	14♉ 1	24♈56	9♌15	22♊ 4	19♑ 4	9♎ 2	24♐58	6♓45	7♍51	7♍29	2♉18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	11n 8	19n 2	4s47	19n42	1n32	5s47	1s51	23n30	1n48	23n27	0n21	23s11	0s47	3s28	0n37	23s15	0n30	25s 0	17s 2	7n49	8n18	7n36		n.a.	
T 2	11 29	18 49	4 16	19 41	1 21	5 21	1 52	23 24	1 46	23 28	0 21	23 11	0 47	3 27	0 37	23 15	0 30	25 0	17 2	7 50	8 19	7 38		n.a.	
W 3	11 49	17 39	3 32	19 38	1 10	4 54	1 53	23 17	1 45	23 29	0 21	23 12	0 47	3 26	0 37	23 15	0 30	24 59	17 3	7 51	8 20	7 40		n.a.	
T 4	12 10	15 32	2 36	19 32	0 58	4 27	1 54	23 10	1 44	23 30	0 21	23 12	0 48	3 25	0 37	23 15	0 30	24 59	17 3	7 51	8 21	7 42		n.a.	
F 5	12 30	12 30	1 29	19 25	0 46	3 59	1 55	23 3	1 42	23 31	0 21	23 12	0 48	3 24	0 37	23 15	0 30	24 59	17 3	7 50	8 23	7 43		n.a.	
S 6	12 50	8 40	0 15	19 16	0 32	3 32	1 55	22 57	1 41	23 33	0 21	23 12	0 48	3 23	0 37	23 15	0 30	24 59	17 4	7 50	8 24	7 45		n.a.	
S 7	13 9	4 13	1n 2	19 5	0 18	3 4	1 56	22 49	1 40	23 34	0 21	23 12	0 48	3 22	0 37	23 15	0 30	24 59	17 4	7 50	8 25	7 47		n.a.	
M 8	13 29	0s36	2 17	18 52	0 4	2 37	1 56	22 42	1 38	23 35	0 22	23 12	0 48	3 22	0 37	23 15	0 30	24 59	17 4	7 51	8 26	7 49		n.a.	
T 9	13 48	5 29	3 24	18 38	0s11	2 9	1 57	22 35	1 37	23 36	0 22	23 12	0 48	3 21	0 37	23 15	0 30	24 59	17 4	7 53	8 28	7 51		n.a.	
W10	14 7	10 3	4 16	18 22	0 27	1 41	1 57	22 28	1 36	23 37	0 22	23 12	0 49	3 20	0 36	23 15	0 30	24 59	17 5	7 55	8 29	7 53		n.a.	
T 11	14 26	13 58	4 51	18 4	0 43	1 13	1 57	22 20	1 35	23 38	0 22	23 12	0 49	3 19	0 36	23 15	0 30	24 59	17 5	7 59	8 30	7 55		n.a.	
F 12	14 45	16 53	5 5	17 45	1 0	0 45	1 57	22 12	1 33	23 39	0 22	23 12	0 49	3 18	0 36	23 15	0 30	24 59	17 5	8 2	8 31	7 56		n.a.	
S 13	15 3	18 38	4 58	17 25	1 16	0 16	1 57	22 4	1 32	23 41	0 22	23 13	0 49	3 17	0 36	23 15	0 30	24 59	17 6	8 5	8 32	7 58		n.a.	
S 14	15 21	19 8	4 32	17 4	1 33	0n12	1 57	21 57	1 31	23 42	0 22	23 13	0 49	3 17	0 36	23 15	0 30	24 59	17 6	8 7	8 34	8 0		n.a.	
M15	15 39	18 28	3 52	16 42	1 49	0 40	1 57	21 48	1 29	23 43	0 22	23 13	0 49	3 16	0 36	23 15	0 30	24 59	17 6	8 9	8 35	8 2		n.a.	
T 16	15 57	16 47	3 0	16 19	2 5	1 9	1 57	21 40	1 28	23 44	0 22	23 13	0 50	3 15	0 36	23 15	0 30	24 59	17 7	8 10	8 36	8 4		n.a.	
W17	16 14	14 17	2 0	15 56	2 21	1 37	1 56	21 32	1 27	23 45	0 22	23 14	0 50	3 14	0 36	23 15	0 30	24 59	17 7	8 10	8 37	8 6		n.a.	
T 18	16 31	11 11	0 56	15 33	2 37	2 5	1 56	21 23	1 26	23 46	0 22	23 14	0 50	3 14	0 36	23 15	0 30	24 59	17 7	8 10	8 38	8 7		n.a.	
F 19	16 48	7 40	0s 9	15 10	2 51	2 34	1 56	21 15	1 24	23 47	0 22	23 14	0 50	3 13	0 36	23 15	0 30	24 59	17 8	8 9	8 40	8 9		n.a.	
S 20	17 5	3 53	1 12	14 47	3 5	3 2	1 55	21 6	1 23	23 48	0 22	23 14	0 50	3 12	0 36	23 15	0 30	24 59	17 8	8 10	8 41	8 11		n.a.	
S 21	17 21	0 0	2 12	14 25	3 18	3 31	1 54	20 57	1 22	23 49	0 22	23 15	0 50	3 12	0 36	23 15	0 30	24 59	17 8	8 11	8 42	8 13		n.a.	
M22	17 38	3n52	3 5	14 3	3 30	3 59	1 54	20 48	1 21	23 50	0 22	23 15	0 51	3 11	0 36	23 14	0 30	24 59	17 9	8 13	8 43	8 15		n.a.	
T 23	17 54	7 34	3 50	13 43	3 41	4 28	1 53	20 39	1 20	23 51	0 23	23 15	0 51	3 10	0 36	23 14	0 30	24 59	17 9	8 16	8 44	8 17		n.a.	
W24	18 9	11 0	4 25	13 25	3 50	4 56	1 52	20 30	1 18	23 52	0 23	23 16	0 51	3 10	0 36	23 14	0 30	25 0	17 9	8 20	8 46	8 18		n.a.	
T 25	18 24	14 0	4 49	13 8	3 58	5 24	1 51	20 20	1 17	23 53	0 23	23 16	0 51	3 9	0 36	23 14	0 30	25 0	17 10	8 25	8 47	8 20		n.a.	
F 26	18 39	16 26	5 0	12 53	4 5	5 52	1 50	20 11	1 16	23 54	0 23	23 16	0 51	3 8	0 36	23 14	0 30	25 0	17 10	8 30	8 48	8 22		n.a.	
S 27	18 54	18 11	4 58	12 40	4 10	6 20	1 49	20 1	1 15	23 55	0 23	23 17	0 51	3 8	0 36	23 14	0 30	25 0	17 10	8 34	8 49	8 24		n.a.	
S 28	19 9	19 7	4 42	12 30	4 14	6 49	1 48	19 51	1 14	23 56	0 23	23 17	0 52	3 7	0 36	23 14	0 30	25 0	17 11	8 39	8 50	8 26		n.a.	
M29	19 23	19 9	4 13	12 22	4 16	7 16	1 47	19 42	1 12	23 56	0 23	23 17	0 52	3 7	0 36	23 14	0 30	25 0	17 11	8 42	8 52	8 28		n.a.	
T 30	19 36	18 15	3 31	12 16	4 17	7 44	1 45	19 31	1 11	23 57	0 23	23 18	0 52	3 6	0 36	23 14	0 30	25 0	17 11	8 44	8 53	8 29		n.a.	
W31	19n50	16n24	2s37	12n14	4s16	8n12	1s44	19n21	1n10	23n58	0n23	23s18	0s52	3s 5	0n36	23s14	0n30	25s 1	17s12	8n46	8n54	8n31		n.a.	

Julian Day Number = 1308810.5, Delta T = 07h43m31s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'09, Lahiri = -19°33'08 Julian Calendar 1 May 1130 BCE == Greg. Calendar 20 Apr. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

JUNE 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 31	28♉ 4'23	19♌40	13°R55	26♈ 7	9♌49	22♊16	19°R 2	9°R 1	24°R57	6♓46	7°R49	7♍26	2♉25	n.a.	T 1
F 2	15 57 27	29° 1'29	3♍ 6	13°D53	27°19	10°23	22°29	19♋ 0	9♎ 0	24♐55	6°46	7♍49	7°22	2°32	n.a.	F 2
S 3	16 1 24	29°58'34	16°54	13♉56	28°30	10°57	22°42	18°58	8°58	24°54	6°46	7°49	7°19	2°38	n.a.	S 3
S 4	16 5 20	0♊55'40	1♎ 6	14° 5	29°41	11°32	22°54	18°55	8°57	24°52	6°47	7°48	7°16	2°45	n.a.	S 4
M 5	16 9 17	1°52'46	15°40	14°18	0♉53	12° 6	23° 7	18°53	8°56	24°51	6°47	7°44	7°13	2°52	n.a.	M 5
T 6	16 13 14	2°49'53	0♏32	14°38	2° 4	12°41	23°20	18°51	8°55	24°49	6°47	7°38	7°10	2°58	n.a.	T 6
W 7	16 17 10	3°46'59	15°38	15° 2	3°15	13°15	23°32	18°48	8°54	24°48	6°48	7°30	7° 7	3° 5	n.a.	W 7
T 8	16 21 7	4°44'06	0♐46	15°32	4°27	13°50	23°45	18°46	8°53	24°46	6°48	7°19	7° 3	3°12	n.a.	T 8
F 9	16 25 3	5°41'14	15°46	16° 7	5°39	14°25	23°58	18°43	8°52	24°45	6°48	7° 8	7° 0	3°19	n.a.	F 9
S 10	16 29 0	6°38'22	0♑30	16°48	6°50	15° 0	24°11	18°40	8°51	24°43	6°48	6°58	6°57	3°25	n.a.	S 10
S 11	16 32 56	7°35'31	14°50	17°33	8° 2	15°35	24°24	18°38	8°50	24°42	6°48	6°50	6°54	3°32	n.a.	S 11
M12	16 36 53	8°32'41	28°41	18°24	9°14	16°11	24°37	18°35	8°49	24°40	6°48	6°44	6°51	3°39	n.a.	M12
T 13	16 40 50	9°29'52	12♒ 3	19°21	10°25	16°46	24°50	18°32	8°48	24°39	6°49	6°40	6°48	3°45	n.a.	T 13
W14	16 44 46	10°27'03	24°58	20°22	11°37	17°22	25° 3	18°29	8°47	24°37	6°49	6°39	6°44	3°52	n.a.	W14
T 15	16 48 43	11°24'16	7♓30	21°28	12°49	17°57	25°16	18°26	8°47	24°36	6°49	6°38	6°41	3°59	n.a.	T 15
F 16	16 52 39	12°21'29	19°44	22°39	14° 1	18°33	25°29	18°23	8°46	24°34	6°49	6°38	6°38	4° 6	n.a.	F 16
S 17	16 56 36	13°18'44	1♈44	23°55	15°13	19° 9	25°42	18°19	8°45	24°32	6°49	6°37	6°35	4°12	n.a.	S 17
S 18	17 0 32	14°16'00	13°37	25°16	16°25	19°45	25°55	18°16	8°45	24°31	6°R49	6°34	6°32	4°19	n.a.	S 18
M19	17 4 29	15°13'17	25°26	26°42	17°37	20°21	26° 8	18°13	8°44	24°29	6°49	6°29	6°28	4°26	n.a.	M19
T 20	17 8 25	16°10'35	7♉16	28°11	18°49	20°58	26°21	18° 9	8°44	24°28	6°49	6°21	6°25	4°32	n.a.	T 20
W21	17 12 22	17° 7'54	19°11	29°45	20° 2	21°34	26°34	18° 6	8°43	24°26	6°49	6°10	6°22	4°39	n.a.	W21
T 22	17 16 19	18° 5'14	1♊12	1♊24	21°14	22°11	26°47	18° 2	8°43	24°24	6°49	5°58	6°19	4°46	n.a.	T 22
F 23	17 20 15	19° 2'35	13°21	3° 6	22°26	22°47	27° 0	17°58	8°43	24°23	6°49	5°45	6°16	4°52	n.a.	F 23
S 24	17 24 12	19°59'58	25°40	4°51	23°38	23°24	27°14	17°55	8°43	24°21	6°48	5°32	6°13	4°59	n.a.	S 24
S 25	17 28 8	20°57'21	8♋ 9	6°40	24°51	24° 1	27°27	17°51	8°42	24°19	6°48	5°20	6° 9	5° 6	n.a.	S 25
M26	17 32 5	21°54'45	20°48	8°32	26° 3	24°38	27°40	17°47	8°42	24°18	6°48	5°11	6° 6	5°13	n.a.	M26
T 27	17 36 1	22°52'11	3♌38	10°26	27°16	25°15	27°53	17°43	8°42	24°16	6°48	5° 5	6° 3	5°19	n.a.	T 27
W28	17 39 58	23°49'37	16°40	12°23	28°28	25°52	28° 6	17°39	8°42	24°15	6°48	5° 1	6° 0	5°26	n.a.	W28
T 29	17 43 54	24°47'04	29°54	14°22	29°41	26°30	28°19	17°35	8°D42	24°13	6°47	5°D 0	5°57	5°33	n.a.	T 29
F 30	17 47 51	25♊44'33	13♍24	16♊22	0♊54	27♌ 7	28♊33	17♋31	8♎42	24♐11	6♓47	5♍ 0	5♍54	5♉39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 3	13n40	1s35	12n13	4s15	8n39	1s42	19n11	1n 9	23n59	0n23	23s19	0s52	3s 5	0n36	23s14	0n30	25s 1	17s12	8n46	8n55	8n33		n.a.
F 2	20 16	10 9	0 25	12 16	4 12	9 7	1 41	19 1	1 8	24 0	0 23	23 19	0 52	3 4	0 36	23 14	0 30	25 1	17 13	8 46	8 56	8 35		n.a.
S 3	20 28	5 59	0n48	12 21	4 7	9 34	1 39	18 50	1 7	24 1	0 23	23 20	0 53	3 4	0 36	23 14	0 30	25 1	17 13	8 46	8 58	8 37		n.a.
S 4	20 41	1 23	2 0	12 29	4 2	10 1	1 38	18 39	1 6	24 1	0 23	23 20	0 53	3 4	0 36	23 14	0 30	25 1	17 13	8 47	8 59	8 39		n.a.
M 5	20 52	3s25	3 6	12 39	3 55	10 28	1 36	18 28	1 5	24 2	0 24	23 21	0 53	3 3	0 36	23 14	0 30	25 1	17 14	8 48	9 0	8 40		n.a.
T 6	21 4	8 6	4 0	12 52	3 48	10 55	1 34	18 17	1 3	24 3	0 24	23 21	0 53	3 3	0 36	23 14	0 30	25 2	17 14	8 50	9 1	8 42		n.a.
W 7	21 15	12 20	4 39	13 7	3 39	11 21	1 33	18 6	1 2	24 4	0 24	23 22	0 53	3 2	0 36	23 14	0 30	25 2	17 14	8 54	9 2	8 44		n.a.
T 8	21 26	15 46	4 59	13 24	3 30	11 47	1 31	17 55	1 1	24 4	0 24	23 22	0 53	3 2	0 36	23 14	0 30	25 2	17 15	8 58	9 4	8 46		n.a.
F 9	21 36	18 8	4 57	13 44	3 20	12 13	1 29	17 44	1 0	24 5	0 24	23 23	0 54	3 1	0 36	23 14	0 30	25 2	17 15	9 2	9 5	8 48		n.a.
S 10	21 46	19 14	4 36	14 6	3 9	12 39	1 27	17 32	0 59	24 6	0 24	23 23	0 54	3 1	0 36	23 14	0 30	25 3	17 15	9 6	9 6	8 49		n.a.
S 11	21 56	19 3	3 58	14 30	2 58	13 4	1 25	17 21	0 58	24 6	0 24	23 24	0 54	3 1	0 36	23 13	0 30	25 3	17 16	9 9	9 7	8 51		n.a.
M12	22 5	17 43	3 6	14 55	2 46	13 30	1 23	17 9	0 57	24 7	0 24	23 24	0 54	3 0	0 35	23 13	0 30	25 3	17 16	9 11	9 8	8 53		n.a.
T 13	22 14	15 26	2 6	15 22	2 34	13 55	1 21	16 57	0 56	24 8	0 24	23 25	0 54	3 0	0 35	23 13	0 30	25 4	17 16	9 12	9 10	8 55		n.a.
W14	22 23	12 27	1 1	15 51	2 22	14 19	1 19	16 45	0 55	24 8	0 24	23 25	0 54	3 0	0 35	23 13	0 30	25 4	17 17	9 13	9 11	8 57		n.a.
T 15	22 31	8 58	0s 5	16 21	2 9	14 43	1 16	16 33	0 54	24 9	0 24	23 26	0 54	3 0	0 35	23 13	0 30	25 4	17 17	9 13	9 12	8 59		n.a.
F 16	22 39	5 11	1 9	16 52	1 55	15 7	1 14	16 20	0 53	24 9	0 24	23 27	0 55	2 59	0 35	23 13	0 30	25 4	17 18	9 13	9 13	9 0		n.a.
S 17	22 46	1 16	2 9	17 25	1 42	15 31	1 12	16 8	0 52	24 10	0 25	23 27	0 55	2 59	0 35	23 13	0 30	25 5	17 18	9 13	9 14	9 2		n.a.
S 18	22 53	2n40	3 2	17 57	1 29	15 54	1 10	15 56	0 50	24 10	0 25	23 28	0 55	2 59	0 35	23 13	0 30	25 5	17 18	9 15	9 16	9 4		n.a.
M19	23 0	6 28	3 48	18 31	1 15	16 17	1 7	15 43	0 49	24 11	0 25	23 28	0 55	2 59	0 35	23 13	0 30	25 5	17 19	9 17	9 17	9 6		n.a.
T 20	23 6	10 1	4 23	19 5	1 2	16 40	1 5	15 30	0 48	24 11	0 25	23 29	0 55	2 59	0 35	23 13	0 30	25 6	17 19	9 20	9 18	9 8		n.a.
W21	23 12	13 11	4 48	19 38	0 48	17 2	1 3	15 17	0 47	24 12	0 25	23 30	0 55	2 59	0 35	23 13	0 30	25 6	17 19	9 24	9 19	9 9		n.a.
T 22	23 17	15 51	5 0	20 12	0 35	17 24	1 0	15 4	0 46	24 12	0 25	23 30	0 55	2 58	0 35	23 13	0 30	25 6	17 20	9 28	9 20	9 11		n.a.
F 23	23 22	17 51	4 58	20 45	0 22	17 45	0 58	14 51	0 45	24 13	0 25	23 31	0 56	2 58	0 35	23 13	0 30	25 7	17 20	9 33	9 22	9 13		n.a.
S 24	23 27	19 3	4 43	21 18	0 10	18 6	0 55	14 38	0 44	24 13	0 25	23 32	0 56	2 58	0 35	23 13	0 30	25 7	17 20	9 38	9 23	9 15		n.a.
S 25	23 31	19 21	4 14	21 49	0n 3	18 26	0 53	14 25	0 43	24 13	0 25	23 32	0 56	2 58	0 35	23 13	0 30	25 8	17 21	9 42	9 24	9 17		n.a.
M26	23 35	18 42	3 32	22 19	0 14	18 46	0 50	14 11	0 42	24 14	0 25	23 33	0 56	2 58	0 35	23 13	0 29	25 8	17 21	9 46	9 25	9 19		n.a.
T 27	23 38	17 5	2 38	22 48	0 25	19 6	0 48	13 57	0 41	24 14	0 25	23 34	0 56	2 58	0 35	23 13	0 29	25 8	17 22	9 48	9 26	9 20		n.a.
W28	23 41	14 35	1 36	23 14	0 36	19 25	0 45	13 44	0 40	24 14	0 26	23 34	0 56	2 58	0 35	23 13	0 29	25 9	17 22	9 49	9 27	9 22		n.a.
T 29	23 43	11 16	0 27	23 39	0 46	19 43	0 42	13 30	0 39	24 15	0 26	23 35	0 56	2 58	0 35	23 12	0 29	25 9	17 22	9 50	9 29	9 24		n.a.
F 30	23n45	7n19	0n45	24n 2	0n55	20n 1	0s40	13n16	0n38	24n15	0n26	23s36	0s57	2s58	0n35	23s12	0n29	25s10	17s23	9n50	9n30	9n26		n.a.

Julian Day Number = 1308841.5, Delta T = 07h43m29s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'04, Lahiri = -19°33'04 Julian Calendar 1 June 1130 BCE == Greg. Calendar 21 May 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

JULY 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 48	26♊42'02	27♍10	18♊24	2♊ 6	27♌45	28♊46	17°R27	8♎42	24°R10	6°R47	5°R 1	5♍50	5♉46	n.a.	S 1
S 2	17 55 44	27°39'32	11♎12	20°27	3°19	28°22	28°59	17♏23	8°42	24♐ 8	6♓47	5♍ 0	5°47	5°53	n.a.	S 2
M 3	17 59 41	28°37'03	25°32	22°30	4°32	29° 0	29°12	17°19	8°42	24° 6	6°46	4°57	5°44	5°59	n.a.	M 3
T 4	18 3 37	29°34'35	10♏ 6	24°33	5°45	29°38	29°25	17°15	8°43	24° 5	6°46	4°52	5°41	6° 6	n.a.	T 4
W 5	18 7 34	0♋32'08	24°50	26°37	6°58	0♍16	29°39	17°10	8°43	24° 3	6°46	4°45	5°38	6°13	n.a.	W 5
T 6	18 11 30	1°29'42	9♐37	28°40	8°10	0°54	29°52	17° 6	8°43	24° 2	6°45	4°36	5°34	6°20	n.a.	T 6
F 7	18 15 27	2°27'18	24°19	0♋43	9°23	1°32	0♋ 5	17° 2	8°44	24° 0	6°45	4°27	5°31	6°26	n.a.	F 7
S 8	18 19 23	3°24'55	8♑49	2°45	10°36	2°11	0°18	16°57	8°44	23°58	6°45	4°18	5°28	6°33	n.a.	S 8
S 9	18 23 20	4°22'34	23° 0	4°46	11°50	2°49	0°31	16°53	8°45	23°57	6°44	4°10	5°25	6°40	n.a.	S 9
M10	18 27 17	5°20'14	6♒47	6°47	13° 3	3°27	0°45	16°49	8°45	23°55	6°44	4° 5	5°22	6°46	n.a.	M10
T 11	18 31 13	6°17'56	20° 8	8°46	14°16	4° 6	0°58	16°44	8°46	23°54	6°43	4° 2	5°19	6°53	n.a.	T 11
W12	18 35 10	7°15'39	3♓ 4	10°45	15°29	4°45	1°11	16°40	8°47	23°52	6°43	4°D 1	5°15	7° 0	n.a.	W12
T 13	18 39 6	8°13'24	15°38	12°42	16°42	5°23	1°24	16°35	8°47	23°50	6°42	4° 2	5°12	7° 7	n.a.	T 13
F 14	18 43 3	9°11'11	27°54	14°37	17°56	6° 2	1°37	16°31	8°48	23°49	6°42	4° 3	5° 9	7°13	n.a.	F 14
S 15	18 46 59	10° 9'00	9♈56	16°32	19° 9	6°41	1°50	16°26	8°49	23°47	6°41	4°R 3	5° 6	7°20	n.a.	S 15
S 16	18 50 56	11° 6'51	21°50	18°25	20°22	7°20	2° 3	16°22	8°50	23°46	6°41	4° 2	5° 3	7°27	n.a.	S 16
M17	18 54 52	12° 4'44	3♉41	20°17	21°36	8° 0	2°17	16°17	8°51	23°44	6°40	4° 0	4°59	7°33	n.a.	M17
T 18	18 58 49	13° 2'39	15°34	22° 8	22°49	8°39	2°30	16°12	8°52	23°43	6°39	3°55	4°56	7°40	n.a.	T 18
W19	19 2 46	14° 0'35	27°32	23°57	24° 3	9°18	2°43	16° 8	8°53	23°41	6°39	3°49	4°53	7°47	n.a.	W19
T 20	19 6 42	14°58'34	9♊40	25°45	25°17	9°58	2°56	16° 3	8°54	23°40	6°38	3°41	4°50	7°53	n.a.	T 20
F 21	19 10 39	15°56'34	21°58	27°32	26°30	10°37	3° 9	15°59	8°55	23°38	6°37	3°32	4°47	8° 0	n.a.	F 21
S 22	19 14 35	16°54'37	4♋30	29°17	27°44	11°17	3°22	15°54	8°56	23°37	6°37	3°23	4°44	8° 7	n.a.	S 22
S 23	19 18 32	17°52'41	17°15	1♌ 1	28°58	11°57	3°35	15°50	8°57	23°35	6°36	3°16	4°40	8°14	n.a.	S 23
M24	19 22 28	18°50'47	0♌13	2°44	0♋11	12°36	3°48	15°45	8°59	23°34	6°35	3°10	4°37	8°20	n.a.	M24
T 25	19 26 25	19°48'55	13°24	4°26	1°25	13°16	4° 1	15°40	9° 0	23°32	6°35	3° 6	4°34	8°27	n.a.	T 25
W26	19 30 21	20°47'04	26°46	6° 6	2°39	13°56	4°14	15°36	9° 1	23°31	6°34	3°D 5	4°31	8°34	n.a.	W26
T 27	19 34 18	21°45'15	10♍20	7°45	3°53	14°37	4°27	15°31	9° 3	23°30	6°33	3° 5	4°28	8°40	n.a.	T 27
F 28	19 38 15	22°43'28	24° 4	9°23	5° 7	15°17	4°40	15°27	9° 4	23°28	6°32	3° 6	4°25	8°47	n.a.	F 28
S 29	19 42 11	23°41'42	7♎58	10°59	6°21	15°57	4°52	15°22	9° 6	23°27	6°32	3° 7	4°21	8°54	n.a.	S 29
S 30	19 46 8	24°39'58	22° 1	12°35	7°35	16°38	5° 5	15°18	9° 7	23°26	6°31	3°R 8	4°18	9° 1	n.a.	S 30
M31	19 50 4	25♋38'16	6♏12	14♌ 9	8♋49	17♍18	5♋18	15♑13	9♎ 9	23♐24	6♓30	3♍ 7	4♍15	9♉ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	2n54	1n55	24n22	1n 4	20n19	0s37	13n 2	0n37	24n15	0n26	23s36	0s57	2s58	0n35	23s12	0n29	25s10	17s23	9n50	9n31	9n28		n.a.
S 2	23 48	1s45	3 0	24 40	1 12	20 36	0 35	12 48	0 36	24 15	0 26	23 37	0 57	2 58	0 35	23 12	0 29	25 10	17 23	9 50	9 32	9 29		n.a.
M 3	23 49	6 23	3 55	24 55	1 19	20 52	0 32	12 33	0 35	24 15	0 26	23 38	0 57	2 59	0 35	23 12	0 29	25 11	17 24	9 51	9 33	9 31		n.a.
T 4	23 50	10 43	4 36	25 8	1 25	21 8	0 29	12 19	0 34	24 16	0 26	23 38	0 57	2 59	0 35	23 12	0 29	25 11	17 24	9 53	9 35	9 33		n.a.
W 5	23 50	14 27	4 59	25 17	1 30	21 23	0 27	12 5	0 33	24 16	0 26	23 39	0 57	2 59	0 35	23 12	0 29	25 12	17 24	9 55	9 36	9 35		n.a.
T 6	23 49	17 16	5 2	25 24	1 35	21 38	0 24	11 50	0 32	24 16	0 26	23 40	0 57	2 59	0 35	23 12	0 29	25 12	17 25	9 59	9 37	9 37		n.a.
F 7	23 48	18 57	4 46	25 28	1 39	21 52	0 21	11 35	0 31	24 16	0 26	23 40	0 57	2 59	0 35	23 12	0 29	25 13	17 25	10 2	9 38	9 38		n.a.
S 8	23 47	19 21	4 11	25 30	1 42	22 6	0 19	11 20	0 30	24 16	0 26	23 41	0 58	2 59	0 35	23 12	0 29	25 13	17 25	10 5	9 39	9 40		n.a.
S 9	23 45	18 32	3 21	25 29	1 45	22 18	0 16	11 5	0 29	24 16	0 27	23 42	0 58	3 0	0 34	23 12	0 29	25 14	17 26	10 8	9 41	9 42		n.a.
M10	23 43	16 37	2 20	25 25	1 47	22 31	0 13	10 50	0 28	24 16	0 27	23 42	0 58	3 0	0 34	23 12	0 29	25 14	17 26	10 10	9 42	9 44		n.a.
T 11	23 40	13 51	1 14	25 19	1 48	22 42	0 11	10 35	0 27	24 16	0 27	23 43	0 58	3 0	0 34	23 12	0 29	25 15	17 26	10 11	9 43	9 46		n.a.
W12	23 37	10 28	0 5	25 11	1 48	22 53	0 8	10 20	0 27	24 16	0 27	23 44	0 58	3 1	0 34	23 12	0 29	25 15	17 27	10 12	9 44	9 47		n.a.
T 13	23 34	6 42	1s 2	25 0	1 48	23 4	0 5	10 5	0 26	24 16	0 27	23 44	0 58	3 1	0 34	23 12	0 29	25 16	17 27	10 11	9 45	9 49		n.a.
F 14	23 30	2 45	2 5	24 47	1 47	23 13	0 3	9 49	0 25	24 16	0 27	23 45	0 58	3 1	0 34	23 12	0 29	25 16	17 27	10 11	9 46	9 51		n.a.
S 15	23 26	1n14	3 1	24 32	1 46	23 22	0 0	9 34	0 24	24 16	0 27	23 46	0 58	3 2	0 34	23 12	0 29	25 17	17 28	10 11	9 48	9 53		n.a.
S 16	23 21	5 7	3 48	24 15	1 44	23 31	0n 3	9 18	0 23	24 16	0 27	23 46	0 58	3 2	0 34	23 11	0 29	25 17	17 28	10 11	9 49	9 54		n.a.
M17	23 16	8 48	4 25	23 57	1 42	23 38	0 5	9 3	0 22	24 16	0 27	23 47	0 59	3 2	0 34	23 11	0 29	25 18	17 28	10 12	9 50	9 56		n.a.
T 18	23 11	12 7	4 52	23 36	1 39	23 45	0 8	8 47	0 21	24 16	0 28	23 48	0 59	3 3	0 34	23 11	0 29	25 18	17 28	10 14	9 51	9 58		n.a.
W19	23 5	14 59	5 5	23 14	1 36	23 52	0 10	8 31	0 20	24 16	0 28	23 48	0 59	3 3	0 34	23 11	0 29	25 19	17 29	10 16	9 52	10 0		n.a.
T 20	22 58	17 14	5 5	22 51	1 32	23 57	0 13	8 15	0 19	24 15	0 28	23 49	0 59	3 4	0 34	23 11	0 29	25 19	17 29	10 19	9 54	10 2		n.a.
F 21	22 51	18 44	4 51	22 26	1 28	24 2	0 15	7 59	0 18	24 15	0 28	23 50	0 59	3 4	0 34	23 11	0 29	25 20	17 29	10 22	9 55	10 3		n.a.
S 22	22 44	19 22	4 23	22 0	1 24	24 6	0 18	7 43	0 17	24 15	0 28	23 50	0 59	3 5	0 34	23 11	0 29	25 20	17 30	10 25	9 56	10 5		n.a.
S 23	22 37	19 2	3 42	21 33	1 19	24 10	0 20	7 27	0 16	24 15	0 28	23 51	0 59	3 5	0 34	23 11	0 29	25 21	17 30	10 28	9 57	10 7		n.a.
M24	22 29	17 42	2 48	21 4	1 14	24 12	0 23	7 10	0 15	24 14	0 28	23 52	0 59	3 6	0 34	23 11	0 29	25 21	17 30	10 30	9 58	10 9		n.a.
T 25	22 20	15 24	1 45	20 35	1 9	24 14	0 25	6 54	0 15	24 14	0 28	23 52	0 59	3 6	0 34	23 11	0 29	25 22	17 31	10 32	9 59	10 11		n.a.
W26	22 11	12 15	0 34	20 4	1 3	24 16	0 28	6 38	0 14	24 14	0 28	23 53	0 59	3 7	0 34	23 11	0 29	25 22	17 31	10 32	10 1	10 12		n.a.
T 27	22 2	8 25	0n39	19 33	0 57	24 16	0 30	6 21	0 13	24 14	0 29	23 53	0 59	3 8	0 34	23 11	0 29	25 23	17 31	10 32	10 2	10 14		n.a.
F 28	21 53	4 6	1 52	19 1	0 51	24 16	0 32	6 4	0 12	24 13	0 29	23 54	0 59	3 8	0 34	23 11	0 29	25 23	17 31	10 32	10 3	10 16		n.a.
S 29	21 43	0s29	2 58	18 28	0 45	24 15	0 35	5 48	0 11	24 13	0 29	23 55	1 0	3 9	0 34	23 11	0 29	25 24	17 32	10 32	10 4	10 18		n.a.
S 30	21 32	5 5	3 55	17 55	0 38	24 13	0 37	5 31	0 10	24 13	0 29	23 55	1 0	3 9	0 34	23 11	0 29	25 25	17 32	10 31	10 5	10 19		n.a.
M31	21n22	9s26	4n38	17n21	0n31	24n11	0n39	5n14	0n 9	24n12	0n29	23s56	1s 0	3s10	0n34	23s11	0n29	25s25	17s32	10n31	10n 6	10n21		n.a.

Julian Day Number = 1308871.5, Delta T = 07h43m27s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°40'00, Lahiri = -19°33'00 Julian Calendar 1 July 1130 BCE == Greg. Calendar 20 June 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

AUGUST 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 1	26♋36'35	20♏30	15♌42	10♋ 3	17♍59	5♋31	15°R 9	9♎11	23°R23	6°R29	3°R 5	4♍12	9♉14	n.a.	T 1
W 2	19 57 57	27°34'56	4♐52	17°13	11°17	18°39	5°43	15♏ 4	9°12	23♐22	6♓28	3♍ 2	4° 9	9°21	n.a.	W 2
T 3	20 1 54	28°33'19	19°12	18°44	12°32	19°20	5°56	15° 0	9°14	23°20	6°27	2°57	4° 5	9°27	n.a.	T 3
F 4	20 5 50	29°31'43	3♑28	20°13	13°46	20° 1	6° 9	14°56	9°16	23°19	6°26	2°52	4° 2	9°34	n.a.	F 4
S 5	20 9 47	0♌30'10	17°33	21°42	15° 0	20°42	6°21	14°51	9°18	23°18	6°26	2°47	3°59	9°41	n.a.	S 5
S 6	20 13 44	1°28'38	1♒23	23° 9	16°14	21°23	6°34	14°47	9°20	23°17	6°25	2°43	3°56	9°48	n.a.	S 6
M 7	20 17 40	2°27'09	14°55	24°34	17°29	22° 4	6°46	14°43	9°22	23°16	6°24	2°41	3°53	9°54	n.a.	M 7
T 8	20 21 37	3°25'41	28° 6	25°59	18°43	22°45	6°59	14°39	9°24	23°14	6°23	2°D39	3°50	10° 1	n.a.	T 8
W 9	20 25 33	4°24'16	10♓57	27°22	19°58	23°26	7°11	14°34	9°26	23°13	6°22	2°39	3°46	10° 8	n.a.	W 9
T 10	20 29 30	5°22'52	23°30	28°44	21°12	24° 8	7°24	14°30	9°28	23°12	6°21	2°41	3°43	10°14	n.a.	T 10
F 11	20 33 26	6°21'32	5♈46	0♍ 4	22°27	24°49	7°36	14°26	9°30	23°11	6°20	2°42	3°40	10°21	n.a.	F 11
S 12	20 37 23	7°20'13	17°50	1°24	23°41	25°31	7°48	14°22	9°32	23°10	6°19	2°44	3°37	10°28	n.a.	S 12
S 13	20 41 19	8°18'57	29°45	2°41	24°56	26°12	8° 1	14°18	9°34	23° 9	6°18	2°45	3°34	10°35	n.a.	S 13
M14	20 45 16	9°17'43	11♉38	3°58	26°10	26°54	8°13	14°14	9°37	23° 8	6°17	2°R45	3°31	10°41	n.a.	M14
T 15	20 49 12	10°16'32	23°31	5°12	27°25	27°36	8°25	14°10	9°39	23° 7	6°16	2°45	3°27	10°48	n.a.	T 15
W16	20 53 9	11°15'23	5♊31	6°25	28°40	28°18	8°37	14° 6	9°41	23° 6	6°15	2°43	3°24	10°55	n.a.	W16
T 17	20 57 6	12°14'16	17°41	7°37	29°54	28°59	8°49	14° 3	9°44	23° 5	6°14	2°40	3°21	11° 1	n.a.	T 17
F 18	21 1 2	13°13'12	0♋ 5	8°46	1♌ 9	29°41	9° 1	13°59	9°46	23° 4	6°13	2°38	3°18	11° 8	n.a.	F 18
S 19	21 4 59	14°12'10	12°46	9°54	2°24	0♎24	9°13	13°55	9°49	23° 3	6°12	2°35	3°15	11°15	n.a.	S 19
S 20	21 8 55	15°11'11	25°44	10°59	3°39	1° 6	9°25	13°52	9°51	23° 2	6°11	2°32	3°11	11°22	n.a.	S 20
M21	21 12 52	16°10'13	9♌ 0	12° 3	4°54	1°48	9°37	13°48	9°54	23° 2	6°10	2°30	3° 8	11°28	n.a.	M21
T 22	21 16 48	17° 9'18	22°34	13° 3	6° 8	2°30	9°48	13°45	9°56	23° 1	6° 8	2°29	3° 5	11°35	n.a.	T 22
W23	21 20 45	18° 8'25	6♍22	14° 2	7°23	3°13	10° 0	13°41	9°59	23° 0	6° 7	2°D29	3° 2	11°42	n.a.	W23
T 24	21 24 41	19° 7'34	20°22	14°57	8°38	3°55	10°12	13°38	10° 2	22°59	6° 6	2°30	2°59	11°48	n.a.	T 24
F 25	21 28 38	20° 6'45	4♎31	15°50	9°53	4°38	10°23	13°35	10° 4	22°59	6° 5	2°30	2°56	11°55	n.a.	F 25
S 26	21 32 35	21° 5'58	18°45	16°39	11° 8	5°21	10°35	13°32	10° 7	22°58	6° 4	2°31	2°52	12° 2	n.a.	S 26
S 27	21 36 31	22° 5'13	3♏ 1	17°25	12°23	6° 3	10°46	13°29	10°10	22°57	6° 3	2°32	2°49	12° 9	n.a.	S 27
M28	21 40 28	23° 4'30	17°16	18° 7	13°38	6°46	10°57	13°26	10°13	22°57	6° 2	2°R33	2°46	12°15	n.a.	M28
T 29	21 44 24	24° 3'49	1♐27	18°44	14°53	7°29	11° 9	13°23	10°15	22°56	6° 1	2°33	2°43	12°22	n.a.	T 29
W30	21 48 21	25° 3'10	15°33	19°17	16° 8	8°12	11°20	13°20	10°18	22°55	5°59	2°32	2°40	12°29	n.a.	W30
T 31	21 52 17	26♌ 2'32	29♐31	19♍45	17♌24	8♎55	11♋31	13♏17	10♎21	22♐55	5♓58	2♍32	2♍37	12♉35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n10	13s17	5n 4	16n46	0n24	24n 8	0n41	4n57	0n 8	24n12	0n29	23s56	1s 0	3s11	0n34	23s11	0n29	25s26	17s32	10n32	10n 8	10n23			n.a.
W 2	20 59	16 21	5 11	16 11	0 17	24 4	0 43	4 40	0 7	24 11	0 29	23 57	1 0	3 12	0 34	23 11	0 29	25 26	17 33	10 33	10 9	10 25			n.a.
T 3	20 47	18 25	4 59	15 36	0 9	23 59	0 46	4 23	0 7	24 11	0 29	23 58	1 0	3 12	0 34	23 11	0 29	25 27	17 33	10 35	10 10	10 27			n.a.
F 4	20 35	19 19	4 28	15 0	0 2	23 54	0 48	4 6	0 6	24 10	0 30	23 58	1 0	3 13	0 34	23 11	0 29	25 27	17 33	10 37	10 11	10 28			n.a.
S 5	20 22	18 59	3 42	14 24	0s 6	23 47	0 50	3 49	0 5	24 10	0 30	23 59	1 0	3 14	0 33	23 11	0 29	25 28	17 33	10 39	10 12	10 30			n.a.
S 6	20 9	17 32	2 43	13 48	0 14	23 41	0 52	3 32	0 4	24 9	0 30	23 59	1 0	3 15	0 33	23 10	0 29	25 28	17 33	10 40	10 14	10 32			n.a.
M 7	19 56	15 6	1 36	13 12	0 22	23 33	0 54	3 15	0 3	24 9	0 30	24 0	1 0	3 15	0 33	23 10	0 29	25 29	17 34	10 41	10 15	10 34			n.a.
T 8	19 42	11 56	0 25	12 36	0 30	23 25	0 55	2 57	0 2	24 8	0 30	24 0	1 0	3 16	0 33	23 10	0 29	25 29	17 34	10 42	10 16	10 35			n.a.
W 9	19 28	8 16	0s45	11 59	0 38	23 16	0 57	2 40	0 1	24 8	0 30	24 1	1 0	3 17	0 33	23 10	0 29	25 30	17 34	10 42	10 17	10 37			n.a.
T 10	19 14	4 20	1 52	11 23	0 46	23 6	0 59	2 23	0 1	24 7	0 30	24 1	1 0	3 18	0 33	23 10	0 29	25 31	17 34	10 41	10 18	10 39			n.a.
F 11	18 59	0 18	2 52	10 47	0 54	22 55	1 1	2 5	0s 0	24 7	0 30	24 2	1 0	3 19	0 33	23 10	0 29	25 31	17 34	10 41	10 19	10 41			n.a.
S 12	18 44	3n40	3 43	10 11	1 3	22 44	1 3	1 48	0 1	24 6	0 31	24 2	1 0	3 20	0 33	23 10	0 29	25 32	17 35	10 40	10 21	10 42			n.a.
S 13	18 29	7 27	4 24	9 35	1 11	22 32	1 4	1 30	0 2	24 5	0 31	24 3	1 0	3 21	0 33	23 10	0 29	25 32	17 35	10 40	10 22	10 44			n.a.
M14	18 13	10 55	4 54	8 59	1 19	22 20	1 6	1 13	0 3	24 5	0 31	24 3	1 0	3 22	0 33	23 10	0 29	25 33	17 35	10 39	10 23	10 46			n.a.
T 15	17 57	13 56	5 11	8 24	1 27	22 7	1 7	0 55	0 4	24 4	0 31	24 4	1 1	3 23	0 33	23 10	0 29	25 33	17 35	10 40	10 24	10 48			n.a.
W16	17 41	16 25	5 14	7 49	1 36	21 53	1 9	0 37	0 4	24 4	0 31	24 4	1 1	3 24	0 33	23 10	0 29	25 34	17 35	10 40	10 25	10 49			n.a.
T 17	17 24	18 12	5 4	7 15	1 44	21 38	1 10	0 20	0 5	24 3	0 31	24 5	1 1	3 25	0 33	23 10	0 28	25 34	17 35	10 41	10 26	10 51			n.a.
F 18	17 7	19 10	4 40	6 41	1 52	21 23	1 11	0 2	0 6	24 2	0 31	24 5	1 1	3 26	0 33	23 10	0 28	25 35	17 36	10 42	10 28	10 53			n.a.
S 19	16 50	19 12	4 1	6 8	2 0	21 7	1 13	0s16	0 7	24 2	0 32	24 5	1 1	3 27	0 33	23 10	0 28	25 36	17 36	10 43	10 29	10 55			n.a.
S 20	16 33	18 15	3 9	5 35	2 8	20 51	1 14	0 34	0 8	24 1	0 32	24 6	1 1	3 28	0 33	23 10	0 28	25 36	17 36	10 44	10 30	10 57			n.a.
M21	16 15	16 16	2 6	5 4	2 16	20 34	1 15	0 51	0 8	24 0	0 32	24 6	1 1	3 29	0 33	23 10	0 28	25 37	17 36	10 45	10 31	10 58			n.a.
T 22	15 57	13 21	0 55	4 33	2 24	20 16	1 16	1 9	0 9	23 59	0 32	24 7	1 1	3 30	0 33	23 10	0 28	25 37	17 36	10 45	10 32	11 0			n.a.
W23	15 38	9 39	0n21	4 4	2 31	19 58	1 17	1 27	0 10	23 59	0 32	24 7	1 1	3 31	0 33	23 10	0 28	25 38	17 36	10 45	10 33	11 2			n.a.
T 24	15 20	5 22	1 37	3 35	2 38	19 39	1 18	1 45	0 11	23 58	0 32	24 7	1 1	3 32	0 33	23 10	0 28	25 38	17 36	10 45	10 35	11 4			n.a.
F 25	15 1	0 44	2 48	3 8	2 46	19 20	1 19	2 3	0 12	23 57	0 32	24 8	1 1	3 33	0 33	23 10	0 28	25 39	17 36	10 45	10 36	11 5			n.a.
S 26	14 42	3s56	3 49	2 43	2 52	19 0	1 20	2 21	0 12	23 56	0 33	24 8	1 1	3 34	0 33	23 10	0 28	25 39	17 37	10 45	10 37	11 7			n.a.
S 27	14 22	8 24	4 36	2 19	2 59	18 39	1 21	2 39	0 13	23 56	0 33	24 8	1 1	3 35	0 33	23 10	0 28	25 40	17 37	10 44	10 38	11 9			n.a.
M28	14 3	12 23	5 6	1 57	3 5	18 18	1 22	2 57	0 14	23 55	0 33	24 9	1 1	3 36	0 33	23 10	0 28	25 40	17 37	10 44	10 39	11 11			n.a.
T 29	13 43	15 37	5 17	1 37	3 10	17 56	1 22	3 14	0 15	23 54	0 33	24 9	1 1	3 37	0 33	23 10	0 28	25 41	17 37	10 44	10 40	11 12			n.a.
W30	13 23	17 55	5 9	1 19	3 15	17 34	1 23	3 32	0 15	23 53	0 33	24 9	1 1	3 39	0 33	23 10	0 28	25 41	17 37	10 44	10 42	11 14			n.a.
T 31	13n 2	19s 7	4n43	1n 4	3s20	17n12	1n23	3s50	0s16	23n52	0n33	24s10	1s 1	3s40	0n33	23s10	0n28	25s42	17s37	10n44	10n43	11n16			n.a.

Julian Day Number = 1308902.5, Delta T = 07h43m26s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'56, Lahiri = -19°32'56 Julian Calendar 1 Aug. 1130 BCE == Greg. Calendar 21 July 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

SEPTEMBER 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 56 14	27♌ 1'57	13♉19	20♍ 7	18♌39	9♎38	11♋42	13°R15	10♎24	22°R54	5°R57	2°R31	2♍33	12♉42	n.a.	F 1
S 2	22 0 10	28° 1'23	26°55	20°24	19°54	10°21	11°53	13♉12	10°27	22♐54	5♓56	2♍30	2°30	12°49	n.a.	S 2
S 3	22 4 7	29° 0'52	10♒19	20°34	21° 9	11° 5	12° 4	13° 9	10°30	22°54	5°55	2°30	2°27	12°56	n.a.	S 3
M 4	22 8 3	0♍ 0'22	23°28	20°R37	22°24	11°48	12°15	13° 7	10°33	22°53	5°54	2°30	2°24	13° 2	n.a.	M 4
T 5	22 12 0	0°59'55	6♓23	20°33	23°39	12°31	12°25	13° 5	10°36	22°53	5°53	2°D30	2°21	13° 9	n.a.	T 5
W 6	22 15 57	1°59'30	19° 2	20°21	24°55	13°15	12°36	13° 3	10°39	22°52	5°51	2°R30	2°17	13°16	n.a.	W 6
T 7	22 19 53	2°59'07	1♈28	20° 0	26°10	13°58	12°47	13° 0	10°42	22°52	5°50	2°30	2°14	13°22	n.a.	T 7
F 8	22 23 50	3°58'46	13°41	19°31	27°25	14°42	12°57	12°58	10°46	22°52	5°49	2°30	2°11	13°29	n.a.	F 8
S 9	22 27 46	4°58'27	25°43	18°54	28°40	15°26	13° 7	12°56	10°49	22°52	5°48	2°29	2° 8	13°36	n.a.	S 9
S 10	22 31 43	5°58'11	7♉38	18° 9	29°56	16°10	13°18	12°55	10°52	22°51	5°47	2°29	2° 5	13°43	n.a.	S 10
M11	22 35 39	6°57'58	19°30	17°15	1♍11	16°53	13°28	12°53	10°55	22°51	5°46	2°29	2° 2	13°49	n.a.	M11
T 12	22 39 36	7°57'46	1♊23	16°14	2°26	17°37	13°38	12°51	10°59	22°51	5°44	2°28	1°58	13°56	n.a.	T 12
W13	22 43 32	8°57'37	13°22	15° 7	3°42	18°21	13°48	12°50	11° 2	22°51	5°43	2°D28	1°55	14° 3	n.a.	W13
T 14	22 47 29	9°57'31	25°30	13°55	4°57	19° 5	13°58	12°48	11° 5	22°51	5°42	2°29	1°52	14° 9	n.a.	T 14
F 15	22 51 25	10°57'27	7♋54	12°40	6°13	19°49	14° 7	12°47	11° 8	22°51	5°41	2°29	1°49	14°16	n.a.	F 15
S 16	22 55 22	11°57'25	20°36	11°25	7°28	20°34	14°17	12°46	11°12	22°D51	5°40	2°30	1°46	14°23	n.a.	S 16
S 17	22 59 19	12°57'25	3♌39	10°11	8°43	21°18	14°27	12°44	11°15	22°51	5°39	2°31	1°42	14°30	n.a.	S 17
M18	23 3 15	13°57'28	17° 6	9° 0	9°59	22° 2	14°36	12°43	11°19	22°51	5°37	2°32	1°39	14°36	n.a.	M18
T 19	23 7 12	14°57'33	0♍55	7°56	11°14	22°47	14°46	12°42	11°22	22°51	5°36	2°R32	1°36	14°43	n.a.	T 19
W20	23 11 8	15°57'40	15° 6	6°59	12°30	23°31	14°55	12°41	11°26	22°51	5°35	2°32	1°33	14°50	n.a.	W20
T 21	23 15 5	16°57'48	29°34	6°12	13°45	24°16	15° 4	12°41	11°29	22°51	5°34	2°31	1°30	14°56	n.a.	T 21
F 22	23 19 1	17°57'59	14♎12	5°35	15° 1	25° 0	15°13	12°40	11°33	22°52	5°33	2°29	1°27	15° 3	n.a.	F 22
S 23	23 22 58	18°58'12	28°54	5° 9	16°16	25°45	15°22	12°40	11°36	22°52	5°32	2°27	1°23	15°10	n.a.	S 23
S 24	23 26 54	19°58'26	13♏33	4°55	17°32	26°29	15°31	12°39	11°40	22°52	5°31	2°25	1°20	15°17	n.a.	S 24
M25	23 30 51	20°58'42	28° 4	4°D52	18°47	27°14	15°39	12°39	11°43	22°52	5°29	2°23	1°17	15°23	n.a.	M25
T 26	23 34 47	21°59'00	12♐21	5° 1	20° 3	27°59	15°48	12°39	11°47	22°53	5°28	2°22	1°14	15°30	n.a.	T 26
W27	23 38 44	22°59'19	26°23	5°20	21°18	28°44	15°56	12°38	11°50	22°53	5°27	2°D22	1°11	15°37	n.a.	W27
T 28	23 42 41	23°59'40	10♑ 8	5°49	22°34	29°29	16° 4	12°D38	11°54	22°53	5°26	2°23	1° 8	15°43	n.a.	T 28
F 29	23 46 37	25° 0'03	23°37	6°27	23°49	0♏14	16°13	12°38	11°57	22°54	5°25	2°24	1° 4	15°50	n.a.	F 29
S 30	23 50 34	26♍ 0'26	6♒50	7♍13	25♍ 5	0♏59	16♋21	12♑39	12♎ 1	22♐54	5♓24	2♍25	1♍ 1	15♉57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n42	19s10	4n 0	0n52	3s23	16n48	1n24	4s 8	0s17	23n52	0n34	24s10	1s 1	3s41	0n33	23s10	0n28	25s42	17s37	10n45	10n44	11n17		n.a.
S 2	12 21	18 5	3 5	0 43	3 26	16 25	1 24	4 26	0 18	23 51	0 34	24 10	1 1	3 42	0 33	23 10	0 28	25 43	17 37	10 45	10 45	11 19		n.a.
S 3	12 0	16 1	2 0	0 37	3 28	16 1	1 25	4 44	0 18	23 50	0 34	24 10	1 1	3 43	0 33	23 10	0 28	25 43	17 37	10 45	10 46	11 21		n.a.
M 4	11 39	13 8	0 50	0 35	3 29	15 36	1 25	5 2	0 19	23 49	0 34	24 11	1 1	3 45	0 33	23 10	0 28	25 44	17 37	10 45	10 47	11 23		n.a.
T 5	11 18	9 39	0s22	0 37	3 29	15 11	1 25	5 20	0 20	23 48	0 34	24 11	1 1	3 46	0 33	23 10	0 28	25 44	17 37	10 45	10 48	11 24		n.a.
W 6	10 56	5 47	1 31	0 43	3 27	14 46	1 25	5 38	0 21	23 47	0 34	24 11	1 1	3 47	0 33	23 10	0 28	25 45	17 37	10 45	10 50	11 26		n.a.
T 7	10 34	1 45	2 34	0 54	3 24	14 20	1 25	5 56	0 21	23 47	0 35	24 11	1 1	3 48	0 33	23 10	0 28	25 45	17 37	10 45	10 51	11 28		n.a.
F 8	10 12	2n17	3 29	1 10	3 20	13 54	1 25	6 13	0 22	23 46	0 35	24 12	1 1	3 50	0 33	23 10	0 28	25 46	17 37	10 45	10 52	11 30		n.a.
S 9	9 50	6 9	4 14	1 30	3 13	13 27	1 25	6 31	0 23	23 45	0 35	24 12	1 1	3 51	0 32	23 10	0 28	25 46	17 37	10 45	10 53	11 31		n.a.
S 10	9 28	9 45	4 48	1 56	3 5	13 0	1 25	6 49	0 24	23 44	0 35	24 12	1 1	3 52	0 32	23 10	0 28	25 47	17 37	10 45	10 54	11 33		n.a.
M11	9 6	12 56	5 9	2 26	2 55	12 33	1 25	7 7	0 24	23 43	0 35	24 12	1 1	3 54	0 32	23 10	0 28	25 47	17 37	10 46	10 55	11 35		n.a.
T 12	8 43	15 36	5 17	3 2	2 42	12 5	1 25	7 25	0 25	23 42	0 35	24 12	1 1	3 55	0 32	23 10	0 28	25 48	17 37	10 46	10 57	11 37		n.a.
W13	8 20	17 37	5 11	3 41	2 28	11 37	1 25	7 42	0 26	23 41	0 36	24 12	1 1	3 56	0 32	23 10	0 28	25 48	17 37	10 46	10 58	11 38		n.a.
T 14	7 57	18 53	4 52	4 24	2 12	11 9	1 24	8 0	0 26	23 41	0 36	24 13	1 1	3 58	0 32	23 10	0 28	25 48	17 37	10 46	10 59	11 40		n.a.
F 15	7 34	19 17	4 19	5 9	1 55	10 40	1 24	8 18	0 27	23 40	0 36	24 13	1 1	3 59	0 32	23 10	0 28	25 49	17 37	10 45	11 0	11 42		n.a.
S 16	7 11	18 44	3 32	5 55	1 36	10 11	1 23	8 35	0 28	23 39	0 36	24 13	1 1	4 0	0 32	23 10	0 28	25 49	17 37	10 45	11 1	11 43		n.a.
S 17	6 48	17 10	2 33	6 42	1 16	9 42	1 23	8 53	0 29	23 38	0 36	24 13	1 1	4 2	0 32	23 10	0 28	25 50	17 37	10 45	11 2	11 45		n.a.
M18	6 25	14 37	1 25	7 28	0 56	9 13	1 22	9 10	0 29	23 37	0 37	24 13	1 1	4 3	0 32	23 10	0 28	25 50	17 37	10 44	11 3	11 47		n.a.
T 19	6 1	11 11	0 9	8 11	0 35	8 43	1 21	9 28	0 30	23 36	0 37	24 13	1 1	4 4	0 32	23 10	0 28	25 50	17 37	10 44	11 5	11 49		n.a.
W20	5 37	7 1	1n 9	8 51	0 15	8 13	1 21	9 45	0 31	23 35	0 37	24 13	1 1	4 6	0 32	23 10	0 28	25 51	17 37	10 44	11 6	11 50		n.a.
T 21	5 14	2 22	2 24	9 27	0n 5	7 43	1 20	10 2	0 31	23 35	0 37	24 13	1 1	4 7	0 32	23 10	0 28	25 51	17 37	10 45	11 7	11 52		n.a.
F 22	4 50	2s28	3 30	9 59	0 23	7 12	1 19	10 19	0 32	23 34	0 37	24 13	1 1	4 9	0 32	23 10	0 27	25 52	17 37	10 45	11 8	11 54		n.a.
S 23	4 26	7 10	4 23	10 24	0 41	6 42	1 18	10 37	0 33	23 33	0 38	24 13	1 1	4 10	0 32	23 10	0 27	25 52	17 37	10 46	11 9	11 55		n.a.
S 24	4 2	11 25	4 59	10 44	0 57	6 11	1 17	10 54	0 33	23 32	0 38	24 13	1 1	4 11	0 32	23 10	0 27	25 52	17 37	10 47	11 10	11 57		n.a.
M25	3 38	14 56	5 15	10 59	1 11	5 40	1 16	11 11	0 34	23 31	0 38	24 13	1 1	4 13	0 32	23 11	0 27	25 53	17 36	10 48	11 12	11 59		n.a.
T 26	3 14	17 31	5 11	11 7	1 24	5 9	1 15	11 28	0 34	23 30	0 38	24 13	1 1	4 14	0 32	23 11	0 27	25 53	17 36	10 48	11 13	12 1		n.a.
W27	2 50	18 58	4 48	11 10	1 35	4 38	1 14	11 45	0 35	23 30	0 38	24 13	1 1	4 16	0 32	23 11	0 27	25 53	17 36	10 48	11 14	12 2		n.a.
T 28	2 25	19 17	4 10	11 8	1 44	4 6	1 12	12 1	0 36	23 29	0 39	24 13	1 1	4 17	0 32	23 11	0 27	25 54	17 36	10 48	11 15	12 4		n.a.
F 29	2 1	18 29	3 18	11 1	1 52	3 35	1 11	12 18	0 36	23 28	0 39	24 13	1 1	4 19	0 32	23 11	0 27	25 54	17 36	10 47	11 16	12 6		n.a.
S 30	1n37	16s40	2n16	10n50	1n58	3n 3	1n10	12s35	0s37	23n27	0n39	24s13	1s 1	4s20	0n32	23s11	0n27	25s54	17s36	10n47	11n17	12n 7		n.a.

Julian Day Number = 1308933.5, Delta T = 07h43m24s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'52, Lahiri = -19°32'51 Julian Calendar 1 Sept. 1130 BCE == Greg. Calendar 21 Aug. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

OCTOBER 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 30	27♍ 0'52	19♒50	8♍ 6	26♍20	1♏44	16♋29	12♑39	12♎ 5	22♐55	5°R23	2♍27	0♍58	16♉ 4	n.a.	S 1
M 2	23 58 27	28° 1'19	2♓36	9° 6	27°36	2°29	16°36	12°39	12° 8	22°55	5♓22	2°R27	0°55	16°10	n.a.	M 2
T 3	0 2 23	29° 1'48	15°11	10°12	28°51	3°15	16°44	12°40	12°12	22°56	5°21	2°27	0°52	16°17	n.a.	T 3
W 4	0 6 20	0♎ 2'18	27°35	11°22	0♎ 7	4° 0	16°51	12°41	12°16	22°57	5°20	2°25	0°48	16°24	n.a.	W 4
T 5	0 10 16	1° 2'50	9♈49	12°36	1°23	4°45	16°59	12°41	12°19	22°57	5°19	2°21	0°45	16°31	n.a.	T 5
F 6	0 14 13	2° 3'24	21°55	13°54	2°38	5°31	17° 6	12°42	12°23	22°58	5°18	2°16	0°42	16°37	n.a.	F 6
S 7	0 18 10	3° 4'00	3♉54	15°15	3°54	6°16	17°13	12°43	12°27	22°59	5°17	2°10	0°39	16°44	n.a.	S 7
S 8	0 22 6	4° 4'37	15°48	16°38	5° 9	7° 2	17°20	12°44	12°30	22°59	5°16	2° 5	0°36	16°51	n.a.	S 8
M 9	0 26 3	5° 5'16	27°39	18° 4	6°25	7°47	17°27	12°45	12°34	23° 0	5°15	1°59	0°33	16°57	n.a.	M 9
T 10	0 29 59	6° 5'57	9♊31	19°31	7°40	8°33	17°34	12°46	12°38	23° 1	5°14	1°55	0°29	17° 4	n.a.	T 10
W11	0 33 56	7° 6'40	21°27	21° 0	8°56	9°18	17°40	12°48	12°42	23° 2	5°13	1°52	0°26	17°11	n.a.	W11
T 12	0 37 52	8° 7'25	3♋32	22°30	10°11	10° 4	17°46	12°49	12°45	23° 3	5°12	1°D50	0°23	17°18	n.a.	T 12
F 13	0 41 49	9° 8'11	15°51	24° 1	11°27	10°50	17°53	12°51	12°49	23° 4	5°11	1°50	0°20	17°24	n.a.	F 13
S 14	0 45 45	10° 9'00	28°27	25°33	12°42	11°36	17°59	12°52	12°53	23° 4	5°10	1°51	0°17	17°31	n.a.	S 14
S 15	0 49 42	11° 9'50	11♌26	27° 5	13°58	12°22	18° 5	12°54	12°57	23° 5	5° 9	1°53	0°13	17°38	n.a.	S 15
M16	0 53 39	12°10'41	24°52	28°38	15°14	13° 8	18°10	12°56	13° 0	23° 6	5° 8	1°R54	0°10	17°44	n.a.	M16
T 17	0 57 35	13°11'34	8♍45	0♎12	16°29	13°54	18°16	12°58	13° 4	23° 7	5° 7	1°54	0° 7	17°51	n.a.	T 17
W18	1 1 32	14°12'29	23° 5	1°45	17°45	14°40	18°21	13° 0	13° 8	23° 9	5° 6	1°52	0° 4	17°58	n.a.	W18
T 19	1 5 28	15°13'25	7♎49	3°19	19° 0	15°26	18°27	13° 2	13°12	23°10	5° 5	1°48	0° 1	18° 5	n.a.	T 19
F 20	1 9 25	16°14'22	22°49	4°53	20°16	16°12	18°32	13° 5	13°15	23°11	5° 5	1°43	29♌58	18°11	n.a.	F 20
S 21	1 13 21	17°15'21	7♏58	6°27	21°31	16°58	18°37	13° 7	13°19	23°12	5° 4	1°36	29°54	18°18	n.a.	S 21
S 22	1 17 18	18°16'21	23° 3	8° 2	22°47	17°44	18°41	13° 9	13°23	23°13	5° 3	1°28	29°51	18°25	n.a.	S 22
M23	1 21 14	19°17'22	7♐57	9°36	24° 2	18°30	18°46	13°12	13°26	23°14	5° 2	1°21	29°48	18°31	n.a.	M23
T 24	1 25 11	20°18'24	22°31	11°10	25°18	19°17	18°50	13°15	13°30	23°16	5° 1	1°16	29°45	18°38	n.a.	T 24
W25	1 29 8	21°19'26	6♑42	12°44	26°34	20° 3	18°54	13°17	13°34	23°17	5° 1	1°13	29°42	18°45	n.a.	W25
T 26	1 33 4	22°20'30	20°28	14°19	27°49	20°49	18°59	13°20	13°38	23°18	5° 0	1°D12	29°39	18°52	n.a.	T 26
F 27	1 37 1	23°21'34	3♒50	15°53	29° 5	21°36	19° 2	13°23	13°41	23°19	4°59	1°12	29°35	18°58	n.a.	F 27
S 28	1 40 57	24°22'39	16°52	17°27	0♏20	22°22	19° 6	13°26	13°45	23°21	4°58	1°14	29°32	19° 5	n.a.	S 28
S 29	1 44 54	25°23'44	29°35	19° 1	1°36	23° 9	19°10	13°30	13°49	23°22	4°58	1°R14	29°29	19°12	n.a.	S 29
M30	1 48 50	26°24'50	12♓ 5	20°35	2°51	23°55	19°13	13°33	13°52	23°24	4°57	1°14	29°26	19°19	n.a.	M30
T 31	1 52 47	27♎25'57	24♓23	22♎10	4♏ 6	24♏42	19♋16	13♑36	13♎56	23♐25	4♓56	1♍11	29♌23	19♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n12	14s 1	1n 9	10n34	2n 4	2n31	1n 9	12s51	0s38	23n26	0n39	24s13	1s 1	4s22	0n32	23s11	0n27	25s55	17s36	10n46	11n18	12n 9		n.a.	S 1
M 2	0 48	10 44	0s 1	10 15	2 7	2 0	1 7	13 8	0 38	23 26	0 39	24 13	1 1	4 23	0 32	23 11	0 27	25 55	17 36	10 46	11 20	12 11		n.a.	M 2
T 3	0 24	7 0	1 9	9 52	2 10	1 28	1 6	13 24	0 39	23 25	0 40	24 13	1 1	4 24	0 32	23 11	0 27	25 55	17 35	10 46	11 21	12 13		n.a.	T 3
W 4	0s 1	3 1	2 13	9 26	2 11	0 56	1 4	13 40	0 39	23 24	0 40	24 13	1 1	4 26	0 32	23 11	0 27	25 55	17 35	10 47	11 22	12 14		n.a.	W 4
T 5	0 25	1n 2	3 10	8 58	2 12	0 24	1 2	13 56	0 40	23 23	0 40	24 13	1 1	4 27	0 32	23 11	0 27	25 56	17 35	10 48	11 23	12 16		n.a.	T 5
F 6	0 50	5 0	3 58	8 27	2 12	0s 8	1 1	14 12	0 41	23 23	0 40	24 13	1 1	4 29	0 32	23 11	0 27	25 56	17 35	10 50	11 24	12 18		n.a.	F 6
S 7	1 14	8 43	4 35	7 54	2 11	0 40	0 59	14 28	0 41	23 22	0 40	24 13	1 1	4 30	0 32	23 11	0 27	25 56	17 35	10 52	11 25	12 19		n.a.	S 7
S 8	1 39	12 4	4 59	7 20	2 9	1 12	0 57	14 44	0 42	23 21	0 41	24 13	1 0	4 32	0 32	23 11	0 27	25 56	17 35	10 54	11 26	12 21		n.a.	S 8
M 9	2 3	14 55	5 11	6 44	2 6	1 44	0 56	15 0	0 42	23 21	0 41	24 12	1 0	4 33	0 32	23 11	0 27	25 57	17 34	10 56	11 28	12 23		n.a.	M 9
T 10	2 28	17 9	5 9	6 6	2 3	2 16	0 54	15 15	0 43	23 20	0 41	24 12	1 0	4 35	0 32	23 11	0 27	25 57	17 34	10 58	11 29	12 24		n.a.	T 10
W11	2 52	18 40	4 54	5 27	2 0	2 48	0 52	15 31	0 44	23 19	0 41	24 12	1 0	4 36	0 32	23 11	0 27	25 57	17 34	10 59	11 30	12 26		n.a.	W11
T 12	3 16	19 22	4 25	4 48	1 56	3 20	0 50	15 46	0 44	23 19	0 42	24 12	1 0	4 38	0 32	23 12	0 27	25 57	17 34	11 0	11 31	12 28		n.a.	T 12
F 13	3 41	19 9	3 44	4 7	1 52	3 52	0 48	16 1	0 45	23 18	0 42	24 12	1 0	4 39	0 32	23 12	0 27	25 57	17 34	11 0	11 32	12 29		n.a.	F 13
S 14	4 5	18 0	2 52	3 26	1 47	4 23	0 46	16 16	0 45	23 17	0 42	24 12	1 0	4 41	0 32	23 12	0 27	25 57	17 33	10 59	11 33	12 31		n.a.	S 14
S 15	4 29	15 53	1 49	2 44	1 42	4 55	0 44	16 31	0 46	23 17	0 42	24 11	1 0	4 42	0 32	23 12	0 27	25 58	17 33	10 58	11 34	12 33		n.a.	S 15
M16	4 53	12 51	0 38	2 1	1 37	5 27	0 42	16 46	0 46	23 16	0 42	24 11	1 0	4 44	0 32	23 12	0 27	25 58	17 33	10 58	11 36	12 34		n.a.	M16
T 17	5 17	9 0	0n37	1 19	1 31	5 58	0 40	17 0	0 47	23 16	0 43	24 11	1 0	4 45	0 32	23 12	0 27	25 58	17 33	10 58	11 37	12 36		n.a.	T 17
W18	5 41	4 30	1 52	0 35	1 25	6 29	0 38	17 15	0 47	23 15	0 43	24 11	1 0	4 47	0 32	23 12	0 27	25 58	17 32	10 59	11 38	12 38		n.a.	W18
T 19	6 5	0s22	3 2	0s 8	1 19	7 0	0 36	17 29	0 48	23 15	0 43	24 11	1 0	4 48	0 32	23 12	0 27	25 58	17 32	11 0	11 39	12 40		n.a.	T 19
F 20	6 29	5 18	4 0	0 51	1 13	7 31	0 34	17 43	0 48	23 14	0 43	24 10	1 0	4 50	0 32	23 12	0 27	25 58	17 32	11 2	11 40	12 41		n.a.	F 20
S 21	6 53	9 56	4 42	1 35	1 7	8 2	0 32	17 57	0 49	23 14	0 44	24 10	1 0	4 51	0 32	23 12	0 27	25 58	17 32	11 5	11 41	12 43		n.a.	S 21
S 22	7 17	13 56	5 4	2 19	1 1	8 33	0 29	18 11	0 49	23 13	0 44	24 10	1 0	4 53	0 32	23 12	0 27	25 58	17 31	11 8	11 42	12 45		n.a.	S 22
M23	7 40	16 58	5 6	3 2	0 54	9 3	0 27	18 25	0 50	23 13	0 44	24 9	1 0	4 54	0 32	23 12	0 27	25 58	17 31	11 10	11 43	12 46		n.a.	M23
T 24	8 4	18 50	4 47	3 46	0 48	9 33	0 25	18 38	0 50	23 13	0 44	24 9	1 0	4 55	0 32	23 13	0 27	25 58	17 31	11 12	11 45	12 48		n.a.	T 24
W25	8 27	19 29	4 11	4 29	0 41	10 3	0 23	18 51	0 51	23 12	0 45	24 9	1 0	4 57	0 32	23 13	0 27	25 59	17 31	11 13	11 46	12 50		n.a.	W25
T 26	8 50	18 55	3 21	5 12	0 34	10 33	0 20	19 4	0 51	23 12	0 45	24 9	1 0	4 58	0 32	23 13	0 27	25 59	17 30	11 13	11 47	12 51		n.a.	T 26
F 27	9 13	17 18	2 22	5 55	0 28	11 2	0 18	19 17	0 52	23 12	0 45	24 8	1 0	5 0	0 32	23 13	0 27	25 59	17 30	11 13	11 48	12 53		n.a.	F 27
S 28	9 36	14 49	1 17	6 38	0 21	11 32	0 16	19 30	0 52	23 11	0 45	24 8	1 0	5 1	0 32	23 13	0 27	25 59	17 30	11 13	11 49	12 55		n.a.	S 28
S 29	9 59	11 40	0 9	7 21	0 15	12 1	0 13	19 42	0 53	23 11	0 46	24 8	1 0	5 3	0 32	23 13	0 26	25 59	17 29	11 13	11 50	12 56		n.a.	S 29
M30	10 21	8 2	0s58	8 3	0 8	12 29	0 11	19 55	0 53	23 11	0 46	24 7	1 0	5 4	0 32	23 13	0 26	25 59	17 29	11 13	11 51	12 58		n.a.	M30
T 31	10s44	4s 6	2s 1	8s45	0n 1	12s57	0n 9	20s 7	0s53	23n11	0n46	24s 7	1s 0	5s 6	0n32	23s13	0n26	25s59	17s29	11n14	11n53	13n 0		n.a.	T 31

Julian Day Number = 1308963.5, Delta T = 07h43m23s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'48, Lahiri = -19°32'47 Julian Calendar 1 Oct. 1130 BCE == Greg. Calendar 20 Sept. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

NOVEMBER 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 56 43	28♎27'05	6♈33	23♎44	5♏22	25♏28	19♋19	13♉40	14♎ 0	23♐27	4°R56	1°R 5	29♌19	19♉32	n.a.	W 1
T 2	2 0 40	29°28'13	18°36	25°18	6°37	26°15	19°22	13°43	14° 3	23°28	4♓55	0♍57	29°16	19°39	n.a.	T 2
F 3	2 4 37	0♏29'22	0♉35	26°52	7°53	27° 2	19°24	13°47	14° 7	23°30	4°55	0°47	29°13	19°45	n.a.	F 3
S 4	2 8 33	1°30'32	12°30	28°26	9° 8	27°48	19°27	13°50	14°11	23°31	4°54	0°35	29°10	19°52	n.a.	S 4
S 5	2 12 30	2°31'42	24°22	0♏ 1	10°24	28°35	19°29	13°54	14°14	23°33	4°53	0°22	29° 7	19°59	n.a.	S 5
M 6	2 16 26	3°32'54	6♊14	1°35	11°39	29°22	19°31	13°58	14°18	23°34	4°53	0°10	29° 4	20° 6	n.a.	M 6
T 7	2 20 23	4°34'06	18° 7	3° 9	12°55	0♐ 9	19°33	14° 2	14°21	23°36	4°52	29♌59	29° 0	20°12	n.a.	T 7
W 8	2 24 19	5°35'19	0♋ 4	4°44	14°10	0°56	19°35	14° 6	14°25	23°38	4°52	29°51	28°57	20°19	n.a.	W 8
T 9	2 28 16	6°36'33	12° 8	6°18	15°25	1°42	19°36	14°10	14°29	23°39	4°51	29°45	28°54	20°26	n.a.	T 9
F 10	2 32 12	7°37'47	24°23	7°53	16°41	2°29	19°37	14°14	14°32	23°41	4°51	29°42	28°51	20°32	n.a.	F 10
S 11	2 36 9	8°39'03	6♌54	9°28	17°56	3°16	19°39	14°19	14°36	23°43	4°51	29°D41	28°48	20°39	n.a.	S 11
S 12	2 40 6	9°40'19	19°45	11° 3	19°12	4° 3	19°39	14°23	14°39	23°44	4°50	29°41	28°44	20°46	n.a.	S 12
M13	2 44 2	10°41'35	3♍ 1	12°38	20°27	4°50	19°40	14°28	14°42	23°46	4°50	29°R42	28°41	20°53	n.a.	M13
T 14	2 47 59	11°42'53	16°45	14°14	21°42	5°37	19°41	14°32	14°46	23°48	4°49	29°40	28°38	20°59	n.a.	T 14
W15	2 51 55	12°44'11	0♎59	15°49	22°58	6°24	19°41	14°37	14°49	23°50	4°49	29°37	28°35	21° 6	n.a.	W15
T 16	2 55 52	13°45'29	15°41	17°25	24°13	7°11	19°R41	14°42	14°53	23°52	4°49	29°31	28°32	21°13	n.a.	T 16
F 17	2 59 48	14°46'48	0♏46	19° 1	25°28	7°58	19°41	14°46	14°56	23°53	4°48	29°22	28°29	21°20	n.a.	F 17
S 18	3 3 45	15°48'07	16° 5	20°38	26°44	8°45	19°41	14°51	15° 0	23°55	4°48	29°11	28°25	21°26	n.a.	S 18
S 19	3 7 41	16°49'26	1♐27	22°14	27°59	9°33	19°40	14°56	15° 3	23°57	4°48	29° 0	28°22	21°33	n.a.	S 19
M20	3 11 38	17°50'45	16°39	23°51	29°14	10°20	19°40	15° 1	15° 6	23°59	4°48	28°49	28°19	21°40	n.a.	M20
T 21	3 15 35	18°52'05	1♑32	25°28	0♐30	11° 7	19°39	15° 6	15° 9	24° 1	4°47	28°40	28°16	21°46	n.a.	T 21
W22	3 19 31	19°53'24	15°59	27° 5	1°45	11°54	19°38	15°12	15°13	24° 3	4°47	28°34	28°13	21°53	n.a.	W22
T 23	3 23 28	20°54'43	29°56	28°42	3° 0	12°41	19°36	15°17	15°16	24° 5	4°47	28°30	28°10	22° 0	n.a.	T 23
F 24	3 27 24	21°56'01	13♒24	0♐20	4°16	13°29	19°35	15°22	15°19	24° 7	4°47	28°29	28° 6	22° 7	n.a.	F 24
S 25	3 31 21	22°57'19	26°25	1°58	5°31	14°16	19°33	15°27	15°22	24° 9	4°47	28°29	28° 3	22°13	n.a.	S 25
S 26	3 35 17	23°58'37	9♓ 5	3°36	6°46	15° 3	19°31	15°33	15°25	24°11	4°47	28°28	28° 0	22°20	n.a.	S 26
M27	3 39 14	24°59'54	21°28	5°14	8° 1	15°50	19°29	15°38	15°29	24°13	4°47	28°27	27°57	22°27	n.a.	M27
T 28	3 43 11	26° 1'10	3♈37	6°52	9°17	16°38	19°27	15°44	15°32	24°15	4°47	28°23	27°54	22°34	n.a.	T 28
W29	3 47 7	27° 2'27	15°38	8°30	10°32	17°25	19°25	15°50	15°35	24°17	4°47	28°16	27°50	22°40	n.a.	W29
T 30	3 51 4	28♏ 3'42	27♈34	10♐ 8	11♐47	18♐12	19♋22	15♉55	15♎38	24♐19	4°D47	28♌ 6	27♌47	22♉47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 6	0s 4	2s57	9s26	0s 5	13s25	0n 6	20s19	0s54	23n11	0n46	24s 6	1s 0	5s 7	0n32	23s13	0n26	25s59	17s29	11n16	11n54	13n 1		n.a.
T 2	11 28	3n57	3 45	10 7	0 12	13 53	0 4	20 30	0 54	23 10	0 47	24 6	1 0	5 9	0 32	23 13	0 26	25 58	17 28	11 19	11 55	13 3		n.a.
F 3	11 50	7 46	4 22	10 48	0 18	14 20	0 2	20 42	0 55	23 10	0 47	24 6	1 0	5 10	0 32	23 14	0 26	25 58	17 28	11 22	11 56	13 4		n.a.
S 4	12 11	11 16	4 48	11 29	0 25	14 47	0s 1	20 53	0 55	23 10	0 47	24 5	1 0	5 11	0 32	23 14	0 26	25 58	17 28	11 27	11 57	13 6		n.a.
S 5	12 33	14 18	5 1	12 8	0 31	15 14	0 3	21 4	0 56	23 10	0 47	24 5	1 0	5 13	0 32	23 14	0 26	25 58	17 27	11 31	11 58	13 8		n.a.
M 6	12 54	16 45	5 1	12 48	0 37	15 40	0 6	21 15	0 56	23 10	0 48	24 4	1 0	5 14	0 32	23 14	0 26	25 58	17 27	11 36	11 59	13 9		n.a.
T 7	13 15	18 30	4 48	13 26	0 43	16 6	0 8	21 26	0 56	23 10	0 48	24 4	1 0	5 16	0 32	23 14	0 26	25 58	17 27	11 40	12 0	13 11		n.a.
W 8	13 36	19 27	4 22	14 5	0 49	16 31	0 10	21 36	0 57	23 10	0 48	24 3	1 0	5 17	0 32	23 14	0 26	25 58	17 26	11 43	12 2	13 13		n.a.
T 9	13 56	19 32	3 45	14 42	0 55	16 56	0 13	21 46	0 57	23 10	0 48	24 3	1 0	5 18	0 32	23 14	0 26	25 58	17 26	11 45	12 3	13 14		n.a.
F 10	14 17	18 42	2 56	15 19	1 1	17 20	0 15	21 56	0 58	23 10	0 49	24 3	1 0	5 20	0 32	23 14	0 26	25 58	17 26	11 46	12 4	13 16		n.a.
S 11	14 37	16 57	1 58	15 56	1 7	17 44	0 18	22 6	0 58	23 10	0 49	24 2	1 0	5 21	0 32	23 14	0 26	25 58	17 25	11 46	12 5	13 18		n.a.
S 12	14 57	14 18	0 53	16 31	1 12	18 8	0 20	22 15	0 58	23 10	0 49	24 2	1 0	5 23	0 32	23 14	0 26	25 57	17 25	11 46	12 6	13 19		n.a.
M13	15 16	10 50	0n18	17 6	1 17	18 30	0 22	22 24	0 59	23 11	0 50	24 1	1 0	5 24	0 32	23 15	0 26	25 57	17 25	11 46	12 7	13 21		n.a.
T 14	15 36	6 41	1 29	17 41	1 22	18 53	0 25	22 33	0 59	23 11	0 50	24 1	1 0	5 25	0 32	23 15	0 26	25 57	17 24	11 46	12 8	13 23		n.a.
W15	15 55	2 0	2 38	18 14	1 27	19 15	0 27	22 42	0 59	23 11	0 50	24 0	1 0	5 27	0 32	23 15	0 26	25 57	17 24	11 47	12 9	13 24		n.a.
T 16	16 13	2s56	3 38	18 46	1 32	19 36	0 29	22 50	1 0	23 11	0 50	23 59	1 0	5 28	0 32	23 15	0 26	25 57	17 24	11 50	12 11	13 26		n.a.
F 17	16 32	7 48	4 25	19 18	1 36	19 57	0 32	22 59	1 0	23 11	0 51	23 59	1 0	5 29	0 32	23 15	0 26	25 57	17 23	11 53	12 12	13 27		n.a.
S 18	16 50	12 15	4 53	19 49	1 41	20 17	0 34	23 7	1 0	23 12	0 51	23 58	1 0	5 31	0 32	23 15	0 26	25 56	17 23	11 57	12 13	13 29		n.a.
S 19	17 8	15 53	5 0	20 18	1 45	20 37	0 36	23 14	1 1	23 12	0 51	23 58	1 0	5 32	0 32	23 15	0 26	25 56	17 23	12 1	12 14	13 31		n.a.
M20	17 26	18 24	4 46	20 47	1 48	20 56	0 38	23 22	1 1	23 12	0 51	23 57	1 0	5 33	0 32	23 15	0 26	25 56	17 22	12 5	12 15	13 32		n.a.
T 21	17 43	19 36	4 13	21 15	1 52	21 15	0 41	23 29	1 1	23 13	0 52	23 57	1 0	5 34	0 32	23 15	0 26	25 56	17 22	12 8	12 16	13 34		n.a.
W22	18 0	19 28	3 24	21 41	1 55	21 33	0 43	23 36	1 1	23 13	0 52	23 56	1 0	5 36	0 32	23 16	0 26	25 55	17 21	12 10	12 17	13 36		n.a.
T 23	18 16	18 8	2 25	22 6	1 58	21 50	0 45	23 42	1 2	23 14	0 52	23 55	1 0	5 37	0 32	23 16	0 26	25 55	17 21	12 11	12 18	13 37		n.a.
F 24	18 33	15 49	1 19	22 30	2 0	22 7	0 47	23 49	1 2	23 14	0 52	23 55	1 0	5 38	0 32	23 16	0 26	25 55	17 21	12 12	12 19	13 39		n.a.
S 25	18 49	12 44	0 11	22 53	2 2	22 23	0 49	23 55	1 2	23 15	0 53	23 54	1 0	5 39	0 32	23 16	0 26	25 55	17 20	12 12	12 21	13 40		n.a.
S 26	19 4	9 9	0s56	23 14	2 4	22 38	0 51	24 1	1 3	23 15	0 53	23 53	1 0	5 41	0 32	23 16	0 26	25 54	17 20	12 12	12 22	13 42		n.a.
M27	19 19	5 15	1 58	23 34	2 5	22 53	0 53	24 6	1 3	23 16	0 53	23 53	1 0	5 42	0 32	23 16	0 26	25 54	17 20	12 12	12 23	13 44		n.a.
T 28	19 34	1 12	2 54	23 53	2 6	23 7	0 55	24 11	1 3	23 16	0 54	23 52	1 0	5 43	0 32	23 16	0 26	25 54	17 19	12 14	12 24	13 45		n.a.
W29	19 49	2n51	3 41	24 10	2 7	23 20	0 57	24 16	1 3	23 17	0 54	23 51	1 0	5 44	0 32	23 16	0 26	25 53	17 19	12 16	12 25	13 47		n.a.
T 30	20s 3	6n46	4s18	24s25	2s 6	23s33	0s59	24s21	1s 4	23n18	0n54	23s51	1s 0	5s45	0n32	23s16	0n26	25s53	17s18	12n20	12n26	13n49		n.a.

Julian Day Number = 1308994.5, Delta T = 07h43m21s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'44, Lahiri = -19°32'43 Julian Calendar 1 Nov. 1130 BCE == Greg. Calendar 21 Oct. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1130 BCE
geocentric

DECEMBER 1130 BCE (-1129) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 0	29♏ 4'57	9♉27	11♐45	13♐ 2	18♐59	19°R19	16♑ 1	15♎41	24♐21	4♓47	27°R53	27♌44	22♉54	n.a.	F 1
S 2	3 58 57	0♐ 6'12	21°19	13°23	14°17	19°47	19♋16	16° 7	15°44	24°23	4°47	27♌39	27°41	23° 0	n.a.	S 2
S 3	4 2 53	1° 7'27	3♊12	15° 0	15°32	20°34	19°13	16°13	15°47	24°25	4°47	27°23	27°38	23° 7	n.a.	S 3
M 4	4 6 50	2° 8'40	15° 7	16°36	16°48	21°21	19°10	16°19	15°49	24°28	4°47	27° 8	27°35	23°14	n.a.	M 4
T 5	4 10 46	3° 9'54	27° 5	18°11	18° 3	22° 9	19° 6	16°25	15°52	24°30	4°47	26°55	27°31	23°21	n.a.	T 5
W 6	4 14 43	4°11'07	9♋ 8	19°46	19°18	22°56	19° 2	16°31	15°55	24°32	4°47	26°45	27°28	23°27	n.a.	W 6
T 7	4 18 40	5°12'20	21°18	21°18	20°33	23°43	18°59	16°37	15°58	24°34	4°47	26°37	27°25	23°34	n.a.	T 7
F 8	4 22 36	6°13'32	3♌37	22°50	21°48	24°31	18°55	16°43	16° 1	24°36	4°47	26°33	27°22	23°41	n.a.	F 8
S 9	4 26 33	7°14'44	16° 8	24°19	23° 3	25°18	18°50	16°49	16° 3	24°38	4°47	26°31	27°19	23°47	n.a.	S 9
S 10	4 30 29	8°15'55	28°57	25°45	24°18	26° 5	18°46	16°56	16° 6	24°41	4°48	26°D30	27°16	23°54	n.a.	S 10
M11	4 34 26	9°17'06	12♍ 6	27° 9	25°33	26°53	18°41	17° 2	16° 9	24°43	4°48	26°R31	27°12	24° 1	n.a.	M11
T 12	4 38 22	10°18'17	25°39	28°29	26°48	27°40	18°36	17° 8	16°11	24°45	4°48	26°30	27° 9	24° 8	n.a.	T 12
W13	4 42 19	11°19'26	9♎40	29°45	28° 3	28°28	18°32	17°15	16°14	24°47	4°49	26°27	27° 6	24°14	n.a.	W13
T 14	4 46 16	12°20'36	24° 7	0♑55	29°18	29°15	18°26	17°21	16°16	24°50	4°49	26°22	27° 3	24°21	n.a.	T 14
F 15	4 50 12	13°21'45	8♏58	2° 1	0♑33	0♑ 2	18°21	17°28	16°19	24°52	4°49	26°13	27° 0	24°28	n.a.	F 15
S 16	4 54 9	14°22'53	24° 7	2°59	1°48	0°50	18°16	17°34	16°21	24°54	4°50	26° 3	26°56	24°35	n.a.	S 16
S 17	4 58 5	15°24'00	9♐24	3°50	3° 3	1°37	18°10	17°41	16°23	24°56	4°50	25°52	26°53	24°41	n.a.	S 17
M18	5 2 2	16°25'06	24°38	4°33	4°18	2°24	18° 5	17°48	16°26	24°58	4°50	25°42	26°50	24°48	n.a.	M18
T 19	5 5 58	17°26'12	9♑37	5° 7	5°33	3°12	17°59	17°54	16°28	25° 1	4°51	25°33	26°47	24°55	n.a.	T 19
W20	5 9 55	18°27'16	24°13	5°32	6°48	3°59	17°53	18° 1	16°30	25° 3	4°51	25°27	26°44	25° 1	n.a.	W20
T 21	5 13 51	19°28'18	8♒21	5°45	8° 2	4°47	17°47	18° 8	16°32	25° 5	4°52	25°23	26°41	25° 8	n.a.	T 21
F 22	5 17 48	20°29'20	21°59	5°R48	9°17	5°34	17°40	18°15	16°35	25° 8	4°52	25°D22	26°37	25°15	n.a.	F 22
S 23	5 21 45	21°30'20	5♓ 9	5°39	10°32	6°21	17°34	18°22	16°37	25°10	4°53	25°22	26°34	25°22	n.a.	S 23
S 24	5 25 41	22°31'18	17°54	5°20	11°47	7° 9	17°28	18°29	16°39	25°12	4°53	25°R23	26°31	25°28	n.a.	S 24
M25	5 29 38	23°32'15	0♈18	4°49	13° 2	7°56	17°21	18°35	16°41	25°14	4°54	25°22	26°28	25°35	n.a.	M25
T 26	5 33 34	24°33'10	12°28	4° 7	14°16	8°43	17°14	18°42	16°43	25°17	4°54	25°21	26°25	25°42	n.a.	T 26
W27	5 37 31	25°34'04	24°27	3°17	15°31	9°31	17° 7	18°49	16°45	25°19	4°55	25°16	26°22	25°49	n.a.	W27
T 28	5 41 27	26°34'56	6♉20	2°18	16°46	10°18	17° 0	18°56	16°47	25°21	4°56	25°10	26°18	25°55	n.a.	T 28
F 29	5 45 24	27°35'46	18°11	1°13	18° 0	11° 5	16°53	19° 3	16°48	25°23	4°56	25° 1	26°15	26° 2	n.a.	F 29
S 30	5 49 20	28°36'35	0♊ 3	0° 3	19°15	11°52	16°46	19°11	16°50	25°26	4°57	24°50	26°12	26° 9	n.a.	S 30
S 31	5 53 17	29♐37'23	11♊58	28♐52	20♑30	12♑40	16♋39	19♑18	16♎52	25♐28	4♓58	24♌39	26♌ 9	26♉15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s17	10n23	4s44	24s38	2s 6	23s45	1s 1	24s25	1s 4	23n18	0n54	23s50	1s 0	5s47	0n32	23s17	0n26	25s53	17s18	12n24	12n27	13n50		n.a.
S 2	20 30	13 36	4 57	24 50	2 5	23 56	1 3	24 29	1 4	23 19	0 55	23 49	1 0	5 48	0 32	23 17	0 26	25 52	17 18	12 29	12 28	13 52		n.a.
S 3	20 43	16 16	4 58	25 0	2 3	24 6	1 5	24 33	1 4	23 20	0 55	23 49	1 0	5 49	0 32	23 17	0 26	25 52	17 17	12 35	12 29	13 53		n.a.
M 4	20 56	18 16	4 45	25 8	2 0	24 16	1 7	24 37	1 4	23 20	0 55	23 48	1 0	5 50	0 32	23 17	0 26	25 51	17 17	12 40	12 31	13 55		n.a.
T 5	21 8	19 28	4 19	25 14	1 57	24 25	1 8	24 40	1 5	23 21	0 55	23 47	1 0	5 51	0 32	23 17	0 26	25 51	17 17	12 44	12 32	13 57		n.a.
W 6	21 20	19 49	3 42	25 18	1 53	24 33	1 10	24 43	1 5	23 22	0 56	23 46	1 0	5 52	0 32	23 17	0 26	25 51	17 16	12 48	12 33	13 58		n.a.
T 7	21 31	19 14	2 55	25 21	1 49	24 41	1 12	24 45	1 5	23 23	0 56	23 46	1 0	5 53	0 32	23 17	0 26	25 50	17 16	12 51	12 34	14 0		n.a.
F 8	21 42	17 45	1 58	25 21	1 43	24 47	1 13	24 48	1 5	23 24	0 56	23 45	1 0	5 54	0 32	23 17	0 26	25 50	17 16	12 52	12 35	14 1		n.a.
S 9	21 52	15 23	0 55	25 19	1 37	24 53	1 15	24 50	1 5	23 25	0 56	23 44	1 0	5 55	0 32	23 17	0 26	25 49	17 15	12 53	12 36	14 3		n.a.
S 10	22 2	12 14	0n13	25 15	1 30	24 58	1 16	24 51	1 5	23 25	0 57	23 43	1 0	5 56	0 32	23 17	0 26	25 49	17 15	12 53	12 37	14 5		n.a.
M11	22 12	8 23	1 22	25 9	1 22	25 3	1 18	24 53	1 6	23 26	0 57	23 43	1 0	5 57	0 32	23 18	0 26	25 49	17 14	12 53	12 38	14 6		n.a.
T 12	22 21	4 1	2 28	25 2	1 12	25 6	1 19	24 54	1 6	23 27	0 57	23 42	1 0	5 58	0 32	23 18	0 26	25 48	17 14	12 53	12 39	14 8		n.a.
W13	22 30	0s43	3 27	24 52	1 2	25 9	1 21	24 55	1 6	23 28	0 57	23 41	1 0	5 59	0 32	23 18	0 26	25 48	17 14	12 54	12 41	14 9		n.a.
T 14	22 38	5 33	4 16	24 40	0 51	25 11	1 22	24 55	1 6	23 29	0 58	23 40	1 0	6 0	0 32	23 18	0 26	25 47	17 13	12 56	12 42	14 11		n.a.
F 15	22 46	10 10	4 48	24 27	0 39	25 13	1 23	24 56	1 6	23 30	0 58	23 39	1 0	6 1	0 32	23 18	0 26	25 47	17 13	12 59	12 43	14 13		n.a.
S 16	22 54	14 14	5 1	24 13	0 25	25 13	1 24	24 56	1 6	23 31	0 58	23 38	1 0	6 2	0 32	23 18	0 26	25 46	17 13	13 2	12 44	14 14		n.a.
S 17	23 1	17 23	4 53	23 57	0 11	25 13	1 25	24 55	1 6	23 32	0 58	23 38	1 0	6 3	0 32	23 18	0 26	25 46	17 12	13 6	12 45	14 16		n.a.
M18	23 7	19 19	4 25	23 40	0n 4	25 12	1 26	24 55	1 6	23 33	0 59	23 37	1 0	6 4	0 32	23 18	0 25	25 45	17 12	13 10	12 46	14 17		n.a.
T 19	23 13	19 51	3 38	23 23	0 21	25 10	1 27	24 54	1 7	23 34	0 59	23 36	1 0	6 5	0 32	23 18	0 25	25 45	17 11	13 13	12 47	14 19		n.a.
W20	23 19	19 2	2 38	23 5	0 38	25 7	1 28	24 53	1 7	23 35	0 59	23 35	1 0	6 6	0 32	23 19	0 25	25 44	17 11	13 15	12 48	14 20		n.a.
T 21	23 24	17 2	1 29	22 46	0 56	25 4	1 29	24 51	1 7	23 36	0 59	23 34	1 0	6 6	0 32	23 19	0 25	25 44	17 11	13 16	12 49	14 22		n.a.
F 22	23 29	14 7	0 18	22 28	1 14	24 59	1 30	24 49	1 7	23 37	0 59	23 33	1 0	6 7	0 32	23 19	0 25	25 43	17 10	13 16	12 50	14 24		n.a.
S 23	23 33	10 35	0s52	22 10	1 33	24 54	1 31	24 47	1 7	23 38	1 0	23 32	1 0	6 8	0 32	23 19	0 25	25 43	17 10	13 16	12 52	14 25		n.a.
S 24	23 37	6 39	1 57	21 52	1 51	24 49	1 31	24 45	1 7	23 39	1 0	23 31	1 0	6 9	0 32	23 19	0 25	25 42	17 10	13 16	12 53	14 27		n.a.
M25	23 40	2 33	2 55	21 35	2 9	24 42	1 32	24 42	1 7	23 40	1 0	23 30	1 0	6 10	0 32	23 19	0 25	25 42	17 9	13 16	12 54	14 28		n.a.
T 26	23 43	1n34	3 44	21 19	2 27	24 35	1 32	24 39	1 7	23 42	1 0	23 29	1 0	6 10	0 32	23 19	0 25	25 41	17 9	13 17	12 55	14 30		n.a.
W27	23 45	5 34	4 22	21 4	2 43	24 27	1 33	24 36	1 7	23 43	1 1	23 28	1 0	6 11	0 32	23 19	0 25	25 41	17 9	13 18	12 56	14 31		n.a.
T 28	23 47	9 19	4 48	20 50	2 58	24 18	1 33	24 32	1 7	23 44	1 1	23 27	1 0	6 12	0 33	23 19	0 25	25 40	17 8	13 21	12 57	14 33		n.a.
F 29	23 48	12 41	5 2	20 38	3 12	24 8	1 34	24 28	1 7	23 45	1 1	23 26	1 0	6 12	0 33	23 19	0 25	25 40	17 8	13 24	12 58	14 35		n.a.
S 30	23 49	15 33	5 3	20 27	3 23	23 58	1 34	24 24	1 7	23 46	1 1	23 25	1 0	6 13	0 33	23 19	0 25	25 39	17 8	13 27	12 59	14 36		n.a.
S 31	23s50	17n47	4s51	20s17	3n32	23s47	1s34	24s20	1s 7	23n47	1n 1	23s24	1s 0	6s14	0n33	23s20	0n25	25s38	17s 7	13n31	13n 0	14n38		n.a.

Julian Day Number = 1309024.5, Delta T = 07h43m19s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'40, Lahiri = -19°32'39 Julian Calendar 1 Dec. 1130 BCE == Greg. Calendar 20 Nov. 1130 BCE

The year -1129 astronomical counting style corresponds to year 1130 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

JANUARY 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 57 14	0♉38'09	23♊58	27°R39	21♉44	13♉27	16°R32	19♉25	16♎54	25♐30	4♓58	24°R28	26♌ 6	26♉22	n.a.	M 1
T 2	6 1 10	1°38'53	6♋ 5	26♐29	22°59	14°14	16♋24	19°32	16°55	25°33	4°59	24♌18	26° 2	26°29	n.a.	T 2
W 3	6 5 7	2°39'36	18°19	25°22	24°13	15° 1	16°17	19°39	16°57	25°35	5° 0	24°10	25°59	26°36	n.a.	W 3
T 4	6 9 3	3°40'18	0♌41	24°19	25°28	15°48	16° 9	19°46	16°58	25°37	5° 1	24° 5	25°56	26°42	n.a.	T 4
F 5	6 13 0	4°40'58	13°13	23°23	26°42	16°35	16° 2	19°53	17° 0	25°39	5° 1	24° 2	25°53	26°49	n.a.	F 5
S 6	6 16 56	5°41'36	25°56	22°33	27°57	17°23	15°54	20° 1	17° 1	25°42	5° 2	24°D 2	25°50	26°56	n.a.	S 6
S 7	6 20 53	6°42'14	8♍53	21°51	29°11	18°10	15°47	20° 8	17° 3	25°44	5° 3	24° 3	25°47	27° 3	n.a.	S 7
M 8	6 24 50	7°42'49	22° 6	21°17	0♒25	18°57	15°39	20°15	17° 4	25°46	5° 4	24° 4	25°43	27° 9	n.a.	M 8
T 9	6 28 46	8°43'24	5♎38	20°51	1°40	19°44	15°31	20°23	17° 5	25°48	5° 5	24°R 5	25°40	27°16	n.a.	T 9
W10	6 32 43	9°43'56	19°29	20°32	2°54	20°31	15°23	20°30	17° 6	25°51	5° 5	24° 4	25°37	27°23	n.a.	W10
T 11	6 36 39	10°44'28	3♏41	20°21	4° 8	21°18	15°15	20°37	17° 7	25°53	5° 6	24° 2	25°34	27°29	n.a.	T 11
F 12	6 40 36	11°44'58	18°12	20°D17	5°22	22° 5	15° 7	20°45	17° 9	25°55	5° 7	23°58	25°31	27°36	n.a.	F 12
S 13	6 44 32	12°45'27	2♐58	20°21	6°37	22°52	15° 0	20°52	17°10	25°57	5° 8	23°53	25°28	27°43	n.a.	S 13
S 14	6 48 29	13°45'54	17°53	20°30	7°51	23°39	14°52	20°59	17°11	25°59	5° 9	23°46	25°24	27°50	n.a.	S 14
M15	6 52 25	14°46'19	2♑48	20°46	9° 5	24°26	14°44	21° 7	17°12	26° 2	5°10	23°40	25°21	27°56	n.a.	M15
T 16	6 56 22	15°46'43	17°34	21° 8	10°19	25°13	14°36	21°14	17°12	26° 4	5°11	23°35	25°18	28° 3	n.a.	T 16
W17	7 0 19	16°47'04	2♒ 3	21°35	11°33	26° 0	14°28	21°21	17°13	26° 6	5°12	23°31	25°15	28°10	n.a.	W17
T 18	7 4 15	17°47'24	16°11	22° 7	12°47	26°47	14°20	21°29	17°14	26° 8	5°13	23°30	25°12	28°17	n.a.	T 18
F 19	7 8 12	18°47'42	29°53	22°44	14° 1	27°33	14°12	21°36	17°15	26°10	5°14	23°D30	25° 8	28°23	n.a.	F 19
S 20	7 12 8	19°47'57	13♓ 8	23°24	15°15	28°20	14° 4	21°44	17°16	26°12	5°15	23°31	25° 5	28°30	n.a.	S 20
S 21	7 16 5	20°48'10	26° 0	24° 9	16°29	29° 7	13°56	21°51	17°16	26°15	5°16	23°32	25° 2	28°37	n.a.	S 21
M22	7 20 1	21°48'21	8♈30	24°57	17°43	29°54	13°49	21°58	17°17	26°17	5°17	23°34	24°59	28°43	n.a.	M22
T 23	7 23 58	22°48'30	20°44	25°49	18°57	0♒41	13°41	22° 6	17°17	26°19	5°18	23°R35	24°56	28°50	n.a.	T 23
W24	7 27 54	23°48'37	2♉45	26°44	20°11	1°27	13°33	22°13	17°18	26°21	5°20	23°34	24°53	28°57	n.a.	W24
T 25	7 31 51	24°48'41	14°39	27°41	21°24	2°14	13°26	22°21	17°18	26°23	5°21	23°32	24°49	29° 4	n.a.	T 25
F 26	7 35 47	25°48'43	26°31	28°42	22°38	3° 0	13°18	22°28	17°18	26°25	5°22	23°29	24°46	29°10	n.a.	F 26
S 27	7 39 44	26°48'43	8♊24	29°45	23°52	3°47	13°10	22°35	17°19	26°27	5°23	23°25	24°43	29°17	n.a.	S 27
S 28	7 43 41	27°48'40	20°22	0♉50	25° 5	4°34	13° 3	22°43	17°19	26°29	5°24	23°21	24°40	29°24	n.a.	S 28
M29	7 47 37	28°48'35	2♋28	1°57	26°19	5°20	12°56	22°50	17°19	26°31	5°25	23°17	24°37	29°30	n.a.	M29
T 30	7 51 34	29°48'28	14°44	3° 7	27°32	6° 7	12°48	22°58	17°19	26°33	5°26	23°13	24°34	29°37	n.a.	T 30
W31	7 55 30	0♒48'19	27♋11	4♉19	28♒46	6♒53	12♋41	23♉ 5	17♎19	26♐35	5♓28	23♌10	24♌30	29♉44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s50	19n16	4s26	20s10	3n39	23s35	1s34	24s15	1s 7	23n48	1n 1	23s23	1s 0	6s14	0n33	23s20	0n25	25s38	17s 7	13n35	13n 1	14n39			n.a.
T 2	23 49	19 53	3 48	20 4	3 43	23 23	1 34	24 10	1 7	23 49	1 2	23 22	1 0	6 15	0 33	23 20	0 25	25 37	17 7	13 38	13 3	14 41			n.a.
W 3	23 48	19 35	3 0	20 0	3 45	23 10	1 34	24 5	1 7	23 50	1 2	23 21	1 0	6 16	0 33	23 20	0 25	25 37	17 6	13 41	13 4	14 42			n.a.
T 4	23 46	18 20	2 2	19 57	3 45	22 56	1 34	23 59	1 7	23 51	1 2	23 20	1 0	6 16	0 33	23 20	0 25	25 36	17 6	13 42	13 5	14 44			n.a.
F 5	23 45	16 12	0 58	19 57	3 43	22 42	1 34	23 53	1 7	23 53	1 2	23 19	1 0	6 17	0 33	23 20	0 25	25 35	17 6	13 43	13 6	14 45			n.a.
S 6	23 42	13 14	0n10	19 59	3 39	22 26	1 34	23 47	1 7	23 54	1 2	23 18	1 1	6 17	0 33	23 20	0 25	25 35	17 5	13 44	13 7	14 47			n.a.
S 7	23 39	9 35	1 19	20 2	3 33	22 11	1 34	23 41	1 7	23 55	1 3	23 17	1 1	6 18	0 33	23 20	0 25	25 34	17 5	13 43	13 8	14 48			n.a.
M 8	23 36	5 24	2 26	20 7	3 26	21 54	1 33	23 34	1 7	23 56	1 3	23 16	1 1	6 18	0 33	23 20	0 25	25 34	17 5	13 43	13 9	14 50			n.a.
T 9	23 32	0 52	3 26	20 13	3 18	21 37	1 33	23 27	1 7	23 57	1 3	23 15	1 1	6 19	0 33	23 20	0 25	25 33	17 4	13 43	13 10	14 52			n.a.
W10	23 28	3s49	4 15	20 21	3 8	21 19	1 32	23 20	1 7	23 58	1 3	23 14	1 1	6 19	0 33	23 20	0 25	25 32	17 4	13 43	13 11	14 53			n.a.
T 11	23 23	8 24	4 50	20 30	2 58	21 1	1 32	23 12	1 7	23 59	1 3	23 13	1 1	6 20	0 33	23 20	0 25	25 32	17 4	13 43	13 12	14 55			n.a.
F 12	23 18	12 36	5 8	20 41	2 48	20 42	1 31	23 5	1 7	24 0	1 3	23 12	1 1	6 20	0 33	23 21	0 25	25 31	17 4	13 45	13 13	14 56			n.a.
S 13	23 12	16 6	5 5	20 52	2 37	20 23	1 30	22 57	1 6	24 1	1 3	23 11	1 1	6 20	0 33	23 21	0 25	25 31	17 3	13 47	13 14	14 58			n.a.
S 14	23 6	18 34	4 43	21 4	2 25	20 3	1 30	22 48	1 6	24 2	1 4	23 10	1 1	6 21	0 33	23 21	0 25	25 30	17 3	13 49	13 16	14 59			n.a.
M15	23 0	19 47	4 1	21 16	2 14	19 42	1 29	22 40	1 6	24 3	1 4	23 9	1 1	6 21	0 33	23 21	0 25	25 29	17 3	13 51	13 17	15 1			n.a.
T 16	22 53	19 38	3 3	21 30	2 2	19 21	1 28	22 31	1 6	24 4	1 4	23 8	1 1	6 21	0 33	23 21	0 25	25 29	17 2	13 53	13 18	15 2			n.a.
W17	22 45	18 10	1 54	21 43	1 51	18 59	1 27	22 22	1 6	24 5	1 4	23 6	1 1	6 22	0 33	23 21	0 25	25 28	17 2	13 54	13 19	15 4			n.a.
T 18	22 37	15 37	0 40	21 57	1 39	18 37	1 26	22 13	1 6	24 6	1 4	23 5	1 1	6 22	0 33	23 21	0 25	25 27	17 2	13 54	13 20	15 5			n.a.
F 19	22 29	12 14	0s35	22 10	1 27	18 14	1 25	22 4	1 6	24 7	1 4	23 4	1 1	6 22	0 33	23 21	0 25	25 27	17 2	13 54	13 21	15 7			n.a.
S 20	22 20	8 21	1 45	22 24	1 16	17 51	1 23	21 54	1 6	24 8	1 4	23 3	1 1	6 23	0 33	23 21	0 25	25 26	17 1	13 54	13 22	15 8			n.a.
S 21	22 11	4 11	2 48	22 37	1 5	17 27	1 22	21 44	1 6	24 9	1 4	23 2	1 1	6 23	0 33	23 21	0 25	25 25	17 1	13 53	13 23	15 10			n.a.
M22	22 2	0n 3	3 41	22 50	0 53	17 3	1 21	21 34	1 5	24 10	1 4	23 1	1 1	6 23	0 33	23 21	0 25	25 25	17 1	13 53	13 24	15 11			n.a.
T 23	21 52	4 10	4 23	23 3	0 43	16 38	1 19	21 24	1 5	24 11	1 4	23 0	1 2	6 23	0 33	23 21	0 25	25 24	17 1	13 53	13 25	15 13			n.a.
W24	21 41	8 3	4 53	23 15	0 32	16 13	1 18	21 13	1 5	24 12	1 5	22 58	1 2	6 23	0 33	23 21	0 25	25 23	17 0	13 53	13 26	15 14			n.a.
T 25	21 31	11 34	5 9	23 27	0 22	15 48	1 16	21 2	1 5	24 13	1 5	22 57	1 2	6 23	0 33	23 21	0 25	25 23	17 0	13 53	13 27	15 16			n.a.
F 26	21 20	14 38	5 13	23 38	0 11	15 22	1 15	20 51	1 5	24 13	1 5	22 56	1 2	6 24	0 33	23 22	0 25	25 22	17 0	13 54	13 29	15 17			n.a.
S 27	21 8	17 5	5 2	23 48	0 2	14 56	1 13	20 40	1 5	24 14	1 5	22 55	1 2	6 24	0 33	23 22	0 25	25 22	17 0	13 56	13 30	15 19			n.a.
S 28	20 56	18 50	4 39	23 57	0s 8	14 29	1 11	20 28	1 4	24 15	1 5	22 54	1 2	6 24	0 33	23 22	0 25	25 21	16 59	13 57	13 31	15 20			n.a.
M29	20 44	19 45	4 3	24 6	0 17	14 2	1 9	20 17	1 4	24 16	1 5	22 53	1 2	6 24	0 33	23 22	0 25	25 20	16 59	13 59	13 32	15 22			n.a.
T 30	20 31	19 45	3 16	24 14	0 26	13 34	1 7	20 5	1 4	24 17	1 5	22 51	1 2	6 24	0 33	23 22	0 25	25 20	16 59	14 0	13 33	15 23			n.a.
W31	20s18	18n48	2s18	24s20	0s35	13s 7	1s 5	19s53	1s 4	24n17	1n 5	22s50	1s 2	6s24	0n33	23s22	0n25	25s19	16s59	14n 1	13n34	15n25			n.a.

Julian Day Number = 1309055.5, Delta T = 07h43m18s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'35, Lahiri = -19°32'35 Julian Calendar 1 Jan. 1129 BCE == Greg. Calendar 21 Dec. 1130 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

FEBRUARY 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 27	1♒48'08	9♌50	5♉32	29♒59	7♒39	12°R34	23♉12	17°R19	26♐37	5♓29	23°R 8	24♌27	29♉51	n.a.	T 1
F 2	8 3 23	2°47'55	22°42	6°48	1♓13	8°26	12♋27	23°20	17♎19	26°39	5°30	23°D 8	24°24	29°57	n.a.	F 2
S 3	8 7 20	3°47'39	5♍46	8° 5	2°26	9°12	12°20	23°27	17°19	26°41	5°31	23♌ 8	24°21	0♊ 4	n.a.	S 3
S 4	8 11 16	4°47'22	19° 3	9°24	3°39	9°58	12°13	23°34	17°19	26°43	5°33	23° 9	24°18	0°11	n.a.	S 4
M 5	8 15 13	5°47'03	2♎33	10°45	4°52	10°45	12° 6	23°42	17°19	26°45	5°34	23°10	24°14	0°18	n.a.	M 5
T 6	8 19 10	6°46'41	16°16	12° 7	6° 5	11°31	12° 0	23°49	17°19	26°46	5°35	23°12	24°11	0°24	n.a.	T 6
W 7	8 23 6	7°46'18	0♏11	13°30	7°19	12°17	11°53	23°56	17°18	26°48	5°36	23°12	24° 8	0°31	n.a.	W 7
T 8	8 27 3	8°45'53	14°17	14°55	8°32	13° 3	11°47	24° 3	17°18	26°50	5°38	23°R12	24° 5	0°38	n.a.	T 8
F 9	8 30 59	9°45'27	28°34	16°22	9°45	13°49	11°41	24°11	17°18	26°52	5°39	23°12	24° 2	0°44	n.a.	F 9
S 10	8 34 56	10°44'58	12♐58	17°50	10°57	14°35	11°34	24°18	17°17	26°54	5°40	23°11	23°59	0°51	n.a.	S 10
S 11	8 38 52	11°44'28	27°25	19°19	12°10	15°21	11°28	24°25	17°17	26°55	5°42	23° 9	23°55	0°58	n.a.	S 11
M12	8 42 49	12°43'55	11♉51	20°50	13°23	16° 7	11°22	24°32	17°16	26°57	5°43	23° 8	23°52	1° 5	n.a.	M12
T 13	8 46 45	13°43'21	26°10	22°22	14°36	16°53	11°17	24°39	17°16	26°59	5°44	23° 7	23°49	1°11	n.a.	T 13
W14	8 50 42	14°42'44	10♒18	23°55	15°49	17°39	11°11	24°47	17°15	27° 1	5°46	23° 6	23°46	1°18	n.a.	W14
T 15	8 54 38	15°42'05	24°10	25°30	17° 1	18°25	11° 6	24°54	17°14	27° 2	5°47	23°D 6	23°43	1°25	n.a.	T 15
F 16	8 58 35	16°41'24	7♓43	27° 6	18°14	19°11	11° 0	25° 1	17°13	27° 4	5°48	23° 6	23°39	1°32	n.a.	F 16
S 17	9 2 32	17°40'41	20°55	28°44	19°26	19°57	10°55	25° 8	17°13	27° 5	5°50	23° 7	23°36	1°38	n.a.	S 17
S 18	9 6 28	18°39'55	3♈47	0♒23	20°39	20°43	10°50	25°15	17°12	27° 7	5°51	23° 7	23°33	1°45	n.a.	S 18
M19	9 10 25	19°39'07	16°20	2° 3	21°51	21°28	10°45	25°22	17°11	27° 9	5°52	23° 8	23°30	1°52	n.a.	M19
T 20	9 14 21	20°38'17	28°36	3°45	23° 3	22°14	10°41	25°29	17°10	27°10	5°54	23° 8	23°27	1°58	n.a.	T 20
W21	9 18 18	21°37'24	10♉41	5°28	24°16	22°59	10°36	25°36	17° 9	27°12	5°55	23° 8	23°24	2° 5	n.a.	W21
T 22	9 22 14	22°36'28	22°37	7°12	25°28	23°45	10°32	25°43	17° 8	27°13	5°57	23° 8	23°20	2°12	n.a.	T 22
F 23	9 26 11	23°35'30	4♊30	8°58	26°40	24°30	10°28	25°49	17° 7	27°15	5°58	23° 8	23°17	2°19	n.a.	F 23
S 24	9 30 7	24°34'30	16°24	10°45	27°52	25°16	10°24	25°56	17° 6	27°16	5°59	23° 8	23°14	2°25	n.a.	S 24
S 25	9 34 4	25°33'28	28°24	12°33	29° 4	26° 1	10°20	26° 3	17° 4	27°17	6° 1	23° 8	23°11	2°32	n.a.	S 25
M26	9 38 1	26°32'23	10♋33	14°23	0♈15	26°47	10°16	26°10	17° 3	27°19	6° 2	23° 9	23° 8	2°39	n.a.	M26
T 27	9 41 57	27°31'15	22°55	16°15	1°27	27°32	10°13	26°17	17° 2	27°20	6° 4	23° 9	23° 5	2°45	n.a.	T 27
W28	9 45 54	28°30'06	5♌33	18° 7	2°39	28°17	10° 9	26°23	17° 1	27°22	6° 5	23°10	23° 1	2°52	n.a.	W28
T 29	9 49 50	29♒28'54	18♌28	20♒ 2	3♈51	29♒ 2	10♋ 6	26♉30	16♎59	27♐23	6♓ 6	23°R10	22♌58	2♊59	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 5	16n54	1s13	24s26	0s43	12s39	1s 3	19s41	1s 4	24n18	1n 5	22s49	1s 2	6s24	0n33	23s22	0n25	25s18	16s59	14n 2	13n35	15n26		n.a.
F 2	19 51	14 8	0 2	24 30	0 51	12 10	1 1	19 28	1 3	24 19	1 5	22 48	1 2	6 24	0 33	23 22	0 25	25 18	16 58	14 2	13 36	15 28		n.a.
S 3	19 37	10 37	1n 9	24 33	0 59	11 42	0 59	19 15	1 3	24 20	1 5	22 47	1 2	6 24	0 33	23 22	0 25	25 17	16 58	14 2	13 37	15 29		n.a.
S 4	19 23	6 31	2 18	24 35	1 6	11 13	0 57	19 3	1 3	24 20	1 5	22 46	1 3	6 24	0 33	23 22	0 25	25 16	16 58	14 1	13 38	15 31		n.a.
M 5	19 8	2 2	3 21	24 36	1 13	10 43	0 55	18 50	1 3	24 21	1 5	22 44	1 3	6 24	0 33	23 22	0 25	25 16	16 58	14 1	13 39	15 32		n.a.
T 6	18 53	2s37	4 13	24 35	1 20	10 14	0 52	18 36	1 2	24 21	1 5	22 43	1 3	6 23	0 33	23 22	0 25	25 15	16 58	14 0	13 40	15 34		n.a.
W 7	18 37	7 11	4 51	24 33	1 26	9 44	0 50	18 23	1 2	24 22	1 5	22 42	1 3	6 23	0 33	23 22	0 25	25 14	16 57	14 0	13 41	15 35		n.a.
T 8	18 22	11 25	5 12	24 30	1 32	9 14	0 48	18 9	1 2	24 23	1 5	22 41	1 3	6 23	0 33	23 22	0 25	25 14	16 57	14 0	13 43	15 37		n.a.
F 9	18 6	15 3	5 15	24 25	1 37	8 44	0 45	17 56	1 2	24 23	1 5	22 40	1 3	6 23	0 33	23 22	0 25	25 13	16 57	14 0	13 44	15 38		n.a.
S 10	17 49	17 48	4 58	24 18	1 42	8 14	0 43	17 42	1 1	24 24	1 5	22 38	1 3	6 23	0 33	23 22	0 25	25 12	16 57	14 1	13 45	15 40		n.a.
S 11	17 33	19 27	4 22	24 10	1 47	7 43	0 40	17 28	1 1	24 24	1 5	22 37	1 3	6 23	0 34	23 22	0 25	25 12	16 57	14 1	13 46	15 41		n.a.
M12	17 16	19 49	3 29	24 1	1 51	7 12	0 37	17 14	1 1	24 25	1 5	22 36	1 3	6 22	0 34	23 22	0 25	25 11	16 57	14 2	13 47	15 43		n.a.
T 13	16 58	18 54	2 24	23 50	1 55	6 41	0 35	16 59	1 1	24 25	1 5	22 35	1 3	6 22	0 34	23 22	0 25	25 10	16 56	14 2	13 48	15 44		n.a.
W14	16 41	16 49	1 10	23 37	1 59	6 10	0 32	16 45	1 0	24 26	1 5	22 34	1 3	6 22	0 34	23 23	0 25	25 10	16 56	14 2	13 49	15 46		n.a.
T 15	16 23	13 46	0s 6	23 22	2 2	5 39	0 29	16 30	1 0	24 26	1 5	22 32	1 4	6 22	0 34	23 23	0 25	25 9	16 56	14 2	13 50	15 47		n.a.
F 16	16 5	10 3	1 20	23 6	2 4	5 8	0 26	16 15	1 0	24 27	1 5	22 31	1 4	6 21	0 34	23 23	0 25	25 8	16 56	14 2	13 51	15 49		n.a.
S 17	15 47	5 55	2 28	22 48	2 6	4 36	0 23	16 0	0 59	24 27	1 5	22 30	1 4	6 21	0 34	23 23	0 25	25 8	16 56	14 2	13 52	15 50		n.a.
S 18	15 28	1 38	3 27	22 29	2 8	4 5	0 21	15 45	0 59	24 28	1 5	22 29	1 4	6 21	0 34	23 23	0 25	25 7	16 56	14 2	13 53	15 51		n.a.
M19	15 10	2n37	4 14	22 7	2 9	3 33	0 18	15 30	0 59	24 28	1 5	22 28	1 4	6 20	0 34	23 23	0 25	25 7	16 56	14 2	13 54	15 53		n.a.
T 20	14 51	6 40	4 49	21 44	2 10	3 1	0 15	15 15	0 58	24 28	1 5	22 26	1 4	6 20	0 34	23 23	0 25	25 6	16 56	14 2	13 55	15 54		n.a.
W21	14 32	10 22	5 10	21 19	2 11	2 30	0 12	14 59	0 58	24 29	1 5	22 25	1 4	6 19	0 34	23 23	0 25	25 5	16 56	14 2	13 56	15 56		n.a.
T 22	14 12	13 37	5 17	20 52	2 10	1 58	0 8	14 44	0 58	24 29	1 5	22 24	1 4	6 19	0 34	23 23	0 25	25 5	16 55	14 2	13 57	15 57		n.a.
F 23	13 52	16 17	5 11	20 24	2 10	1 26	0 5	14 28	0 57	24 29	1 5	22 23	1 5	6 19	0 34	23 23	0 25	25 4	16 55	14 2	13 59	15 59		n.a.
S 24	13 33	18 17	4 52	19 53	2 9	0 54	0 2	14 12	0 57	24 30	1 5	22 22	1 5	6 18	0 34	23 23	0 25	25 3	16 55	14 2	14 0	16 0		n.a.
S 25	13 12	19 30	4 19	19 20	2 7	0 22	0n 1	13 56	0 57	24 30	1 5	22 20	1 5	6 18	0 34	23 23	0 25	25 3	16 55	14 1	14 1	16 2		n.a.
M26	12 52	19 50	3 35	18 46	2 5	0n10	0 4	13 40	0 56	24 30	1 5	22 19	1 5	6 17	0 34	23 23	0 25	25 2	16 55	14 1	14 2	16 3		n.a.
T 27	12 32	19 13	2 40	18 10	2 2	0 42	0 7	13 24	0 56	24 30	1 5	22 18	1 5	6 17	0 34	23 23	0 25	25 2	16 55	14 1	14 3	16 4		n.a.
W28	12 11	17 38	1 36	17 32	1 59	1 14	0 11	13 8	0 56	24 30	1 5	22 17	1 5	6 16	0 34	23 23	0 25	25 1	16 55	14 1	14 4	16 6		n.a.
T 29	11s50	15n 8	0s26	16s52	1s55	1n46	0n14	12s51	0s55	24n31	1n 5	22s16	1s 5	6s15	0n34	23s23	0n25	25s 0	16s55	14n 1	14n 5	16n 7		n.a.

Julian Day Number = 1309086.5, Delta T = 07h43m16s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'31, Lahiri = -19°32'31 Julian Calendar 1 Feb. 1129 BCE == Greg. Calendar 21 Jan. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

MARCH 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 53 47	0♓27'39	1♍40	21♒57	5♈ 2	29♒48	10°R 3	26♑36	16°R58	27♐24	6♓ 8	23°R10	22♌55	3♊ 6	n.a.	F 1
S 2	9 57 43	1°26'23	15° 9	23°54	6°13	0♓33	10♋ 0	26°43	16♎56	27°25	6° 9	23♌ 9	22°52	3°12	n.a.	S 2
S 3	10 1 40	2°25'05	28°53	25°53	7°25	1°18	9°58	26°50	16°55	27°27	6°11	23° 8	22°49	3°19	n.a.	S 3
M 4	10 5 36	3°23'44	12♎49	27°53	8°36	2° 3	9°55	26°56	16°53	27°28	6°12	23° 7	22°45	3°26	n.a.	M 4
T 5	10 9 33	4°22'22	26°55	29°54	9°47	2°48	9°53	27° 2	16°52	27°29	6°14	23° 6	22°42	3°33	n.a.	T 5
W 6	10 13 29	5°20'58	11♏ 6	1♓56	10°58	3°33	9°51	27° 9	16°50	27°30	6°15	23° 5	22°39	3°39	n.a.	W 6
T 7	10 17 26	6°19'32	25°20	4° 0	12° 9	4°18	9°49	27°15	16°48	27°31	6°16	23° 4	22°36	3°46	n.a.	T 7
F 8	10 21 23	7°18'05	9♐34	6° 4	13°20	5° 2	9°47	27°21	16°47	27°32	6°18	23°D 4	22°33	3°53	n.a.	F 8
S 9	10 25 19	8°16'35	23°45	8°10	14°31	5°47	9°46	27°28	16°45	27°33	6°19	23° 4	22°30	3°59	n.a.	S 9
S 10	10 29 16	9°15'05	7♑52	10°16	15°42	6°32	9°45	27°34	16°43	27°34	6°21	23° 5	22°26	4° 6	n.a.	S 10
M11	10 33 12	10°13'32	21°51	12°23	16°52	7°17	9°44	27°40	16°41	27°35	6°22	23° 6	22°23	4°13	n.a.	M11
T 12	10 37 9	11°11'57	5♒42	14°30	18° 3	8° 1	9°43	27°46	16°40	27°36	6°24	23° 8	22°20	4°20	n.a.	T 12
W13	10 41 5	12°10'21	19°22	16°37	19°13	8°46	9°42	27°52	16°38	27°37	6°25	23°R 8	22°17	4°26	n.a.	W13
T 14	10 45 2	13° 8'43	2♓50	18°44	20°24	9°30	9°41	27°58	16°36	27°38	6°26	23° 8	22°14	4°33	n.a.	T 14
F 15	10 48 58	14° 7'03	16° 4	20°51	21°34	10°15	9°41	28° 4	16°34	27°39	6°28	23° 7	22°11	4°40	n.a.	F 15
S 16	10 52 55	15° 5'20	29° 2	22°57	22°44	10°59	9°41	28°10	16°32	27°40	6°29	23° 4	22° 7	4°46	n.a.	S 16
S 17	10 56 51	16° 3'36	11♈46	25° 3	23°54	11°44	9°D41	28°16	16°30	27°41	6°31	23° 1	22° 4	4°53	n.a.	S 17
M18	11 0 48	17° 1'50	24°14	27° 6	25° 4	12°28	9°41	28°21	16°28	27°41	6°32	22°57	22° 1	5° 0	n.a.	M18
T 19	11 4 45	18° 0'02	6♉29	29° 9	26°14	13°12	9°41	28°27	16°26	27°42	6°33	22°53	21°58	5° 7	n.a.	T 19
W20	11 8 41	18°58'11	18°33	1♈ 9	27°24	13°57	9°42	28°33	16°24	27°43	6°35	22°50	21°55	5°13	n.a.	W20
T 21	11 12 38	19°56'19	0♊30	3° 7	28°33	14°41	9°42	28°38	16°21	27°43	6°36	22°47	21°51	5°20	n.a.	T 21
F 22	11 16 34	20°54'24	12°23	5° 2	29°43	15°25	9°43	28°44	16°19	27°44	6°38	22°46	21°48	5°27	n.a.	F 22
S 23	11 20 31	21°52'28	24°16	6°55	0♉52	16° 9	9°44	28°49	16°17	27°45	6°39	22°D45	21°45	5°33	n.a.	S 23
S 24	11 24 27	22°50'29	6♋15	8°45	2° 1	16°53	9°46	28°55	16°15	27°45	6°40	22°46	21°42	5°40	n.a.	S 24
M25	11 28 24	23°48'29	18°25	10°32	3°11	17°37	9°47	29° 0	16°13	27°46	6°42	22°48	21°39	5°47	n.a.	M25
T 26	11 32 20	24°46'26	0♌49	12°15	4°20	18°21	9°49	29° 5	16°10	27°46	6°43	22°49	21°36	5°54	n.a.	T 26
W27	11 36 17	25°44'22	13°32	13°55	5°28	19° 5	9°51	29°10	16° 8	27°47	6°45	22°50	21°32	6° 0	n.a.	W27
T 28	11 40 13	26°42'15	26°37	15°31	6°37	19°48	9°53	29°15	16° 6	27°47	6°46	22°R51	21°29	6° 7	n.a.	T 28
F 29	11 44 10	27°40'07	10♍ 5	17° 3	7°46	20°32	9°55	29°20	16° 4	27°48	6°47	22°50	21°26	6°14	n.a.	F 29
S 30	11 48 7	28°37'57	23°55	18°32	8°54	21°16	9°57	29°25	16° 1	27°48	6°49	22°47	21°23	6°21	n.a.	S 30
S 31	11 52 3	29♓35'45	8♎ 4	19♈56	10♉ 3	21♓59	10♋ 0	29♑30	15♎59	27♐48	6♓50	22♌42	21♌20	6♊27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s29	11n47	0n47	16s10	1s51	2n18	0n17	12s35	0s55	24n31	1n 5	22s15	1s 5	6s15	0n34	23s23	0n25	25s 0	16s55	14n 1	14n 6	16n 9		n.a.
S 2	11 8	7 46	1 59	15 26	1 46	2 49	0 20	12 18	0 55	24 31	1 5	22 13	1 5	6 14	0 34	23 23	0 25	24 59	16 55	14 1	14 7	16 10		n.a.
S 3	10 47	3 16	3 5	14 40	1 41	3 21	0 24	12 2	0 54	24 31	1 5	22 12	1 6	6 14	0 34	23 23	0 25	24 59	16 55	14 1	14 8	16 12		n.a.
M 4	10 25	1s27	4 2	13 53	1 35	3 53	0 27	11 45	0 54	24 31	1 4	22 11	1 6	6 13	0 34	23 23	0 25	24 58	16 55	14 2	14 9	16 13		n.a.
T 5	10 4	6 8	4 44	13 4	1 28	4 24	0 30	11 28	0 53	24 31	1 4	22 10	1 6	6 12	0 34	23 23	0 25	24 57	16 55	14 2	14 10	16 14		n.a.
W 6	9 42	10 30	5 9	12 13	1 21	4 56	0 34	11 11	0 53	24 31	1 4	22 9	1 6	6 12	0 34	23 23	0 25	24 57	16 55	14 3	14 11	16 16		n.a.
T 7	9 20	14 18	5 16	11 21	1 14	5 27	0 37	10 54	0 53	24 32	1 4	22 8	1 6	6 11	0 34	23 23	0 25	24 56	16 55	14 3	14 12	16 17		n.a.
F 8	8 58	17 15	5 3	10 27	1 5	5 58	0 41	10 37	0 52	24 32	1 4	22 7	1 6	6 11	0 34	23 23	0 25	24 56	16 55	14 3	14 13	16 19		n.a.
S 9	8 36	19 9	4 32	9 31	0 57	6 29	0 44	10 20	0 52	24 32	1 4	22 5	1 6	6 10	0 34	23 23	0 25	24 55	16 55	14 3	14 14	16 20		n.a.
S 10	8 14	19 51	3 45	8 35	0 48	7 0	0 47	10 3	0 51	24 32	1 4	22 4	1 7	6 9	0 34	23 23	0 25	24 55	16 55	14 3	14 15	16 22		n.a.
M11	7 51	19 19	2 44	7 37	0 38	7 31	0 51	9 46	0 51	24 32	1 4	22 3	1 7	6 8	0 34	23 23	0 25	24 54	16 55	14 2	14 16	16 23		n.a.
T 12	7 29	17 37	1 35	6 38	0 28	8 1	0 54	9 29	0 51	24 32	1 4	22 2	1 7	6 8	0 34	23 23	0 25	24 54	16 55	14 2	14 17	16 24		n.a.
W13	7 6	14 55	0 21	5 38	0 18	8 32	0 57	9 11	0 50	24 32	1 4	22 1	1 7	6 7	0 34	23 23	0 25	24 53	16 55	14 2	14 19	16 26		n.a.
T 14	6 44	11 27	0s53	4 38	0 7	9 2	1 1	8 54	0 50	24 32	1 4	22 0	1 7	6 6	0 34	23 23	0 25	24 53	16 55	14 2	14 20	16 27		n.a.
F 15	6 21	7 28	2 3	3 38	0n 3	9 32	1 4	8 36	0 49	24 32	1 4	21 59	1 7	6 5	0 34	23 23	0 25	24 52	16 55	14 2	14 21	16 29		n.a.
S 16	5 58	3 12	3 5	2 37	0 14	10 2	1 8	8 19	0 49	24 31	1 4	21 58	1 7	6 5	0 34	23 23	0 25	24 51	16 55	14 3	14 22	16 30		n.a.
S 17	5 35	1n 6	3 56	1 37	0 25	10 31	1 11	8 1	0 48	24 31	1 3	21 57	1 8	6 4	0 34	23 23	0 25	24 51	16 55	14 4	14 23	16 31		n.a.
M18	5 12	5 17	4 35	0 37	0 37	11 0	1 14	7 44	0 48	24 31	1 3	21 56	1 8	6 3	0 34	23 23	0 25	24 50	16 55	14 5	14 24	16 33		n.a.
T 19	4 49	9 10	5 1	0n23	0 48	11 29	1 18	7 26	0 48	24 31	1 3	21 55	1 8	6 2	0 34	23 23	0 25	24 50	16 55	14 6	14 25	16 34		n.a.
W20	4 26	12 37	5 13	1 21	0 59	11 58	1 21	7 8	0 47	24 31	1 3	21 54	1 8	6 1	0 34	23 23	0 25	24 49	16 55	14 8	14 26	16 35		n.a.
T 21	4 3	15 31	5 11	2 19	1 9	12 26	1 24	6 51	0 47	24 31	1 3	21 53	1 8	6 1	0 34	23 23	0 25	24 49	16 55	14 9	14 27	16 37		n.a.
F 22	3 40	17 46	4 55	3 15	1 20	12 55	1 27	6 33	0 46	24 31	1 3	21 52	1 8	6 0	0 34	23 23	0 25	24 49	16 55	14 9	14 28	16 38		n.a.
S 23	3 16	19 15	4 27	4 10	1 30	13 22	1 31	6 15	0 46	24 31	1 3	21 51	1 9	5 59	0 34	23 23	0 25	24 48	16 55	14 9	14 29	16 40		n.a.
S 24	2 53	19 53	3 48	5 3	1 40	13 50	1 34	5 57	0 45	24 30	1 3	21 50	1 9	5 58	0 34	23 23	0 25	24 48	16 56	14 9	14 30	16 41		n.a.
M25	2 30	19 37	2 57	5 54	1 49	14 17	1 37	5 39	0 45	24 30	1 3	21 49	1 9	5 57	0 34	23 23	0 25	24 47	16 56	14 8	14 31	16 42		n.a.
T 26	2 7	18 23	1 58	6 43	1 57	14 44	1 40	5 22	0 44	24 30	1 3	21 48	1 9	5 56	0 34	23 23	0 25	24 47	16 56	14 8	14 32	16 44		n.a.
W27	1 43	16 13	0 51	7 30	2 5	15 11	1 43	5 4	0 44	24 30	1 3	21 47	1 9	5 55	0 34	23 23	0 25	24 46	16 56	14 7	14 33	16 45		n.a.
T 28	1 20	13 10	0n21	8 14	2 13	15 37	1 46	4 46	0 43	24 29	1 3	21 46	1 9	5 54	0 34	23 23	0 25	24 46	16 56	14 7	14 34	16 46		n.a.
F 29	0 56	9 20	1 33	8 57	2 20	16 3	1 49	4 28	0 43	24 29	1 2	21 45	1 10	5 54	0 34	23 23	0 25	24 45	16 56	14 8	14 35	16 48		n.a.
S 30	0 33	4 55	2 41	9 37	2 26	16 28	1 52	4 10	0 42	24 29	1 2	21 44	1 10	5 53	0 34	23 23	0 25	24 45	16 56	14 9	14 36	16 49		n.a.
S 31	0s10	0n 8	3n41	10n15	2n31	16n53	1n55	3s52	0s42	24n29	1n 2	21s43	1s10	5s52	0n34	23s23	0n25	24s45	16s56	14n10	14n37	16n51		n.a.

Julian Day Number = 1309115.5, Delta T = 07h43m15s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'27, Lahiri = -19°32'27 Julian Calendar 1 March 1129 BCE == Greg. Calendar 19 Feb. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

APRIL 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 56 0	0♈33'31	22♎29	21♈17	11♉11	22♓43	10♋ 2	29♏35	15°R57	27♐49	6♓51	22°R37	21♌16	6♊34	n.a.	M 1
T 2	11 59 56	1°31'17	7♏ 2	22°34	12°19	23°27	10° 5	29°40	15♎54	27°49	6°53	22♌31	21°13	6°41	n.a.	T 2
W 3	12 3 53	2°29'00	21°38	23°46	13°27	24°10	10° 8	29°45	15°52	27°49	6°54	22°26	21°10	6°47	n.a.	W 3
T 4	12 7 49	3°26'43	6♐ 9	24°55	14°34	24°53	10°12	29°49	15°49	27°49	6°55	22°22	21° 7	6°54	n.a.	T 4
F 5	12 11 46	4°24'24	20°32	25°59	15°42	25°37	10°15	29°54	15°47	27°50	6°57	22°19	21° 4	7° 1	n.a.	F 5
S 6	12 15 42	5°22'04	4♑43	26°58	16°50	26°20	10°19	29°58	15°44	27°50	6°58	22°D18	21° 1	7° 8	n.a.	S 6
S 7	12 19 39	6°19'44	18°40	27°54	17°57	27° 3	10°22	0♒ 3	15°42	27°50	6°59	22°19	20°57	7°14	n.a.	S 7
M 8	12 23 36	7°17'21	2♒23	28°45	19° 4	27°47	10°26	0° 7	15°40	27°50	7° 0	22°20	20°54	7°21	n.a.	M 8
T 9	12 27 32	8°14'58	15°52	29°32	20°11	28°30	10°30	0°11	15°37	27°50	7° 2	22°R21	20°51	7°28	n.a.	T 9
W10	12 31 29	9°12'34	29° 8	0♉14	21°18	29°13	10°34	0°15	15°35	27°R50	7° 3	22°21	20°48	7°34	n.a.	W10
T 11	12 35 25	10°10'08	12♓12	0°51	22°25	29°56	10°39	0°19	15°32	27°50	7° 4	22°19	20°45	7°41	n.a.	T 11
F 12	12 39 22	11° 7'41	25° 4	1°24	23°31	0♈39	10°43	0°23	15°30	27°50	7° 5	22°15	20°42	7°48	n.a.	F 12
S 13	12 43 18	12° 5'13	7♈45	1°52	24°37	1°22	10°48	0°27	15°27	27°50	7° 7	22° 9	20°38	7°55	n.a.	S 13
S 14	12 47 15	13° 2'43	20°15	2°15	25°43	2° 5	10°53	0°31	15°25	27°50	7° 8	22° 1	20°35	8° 1	n.a.	S 14
M15	12 51 11	14° 0'13	2♉33	2°34	26°49	2°48	10°58	0°35	15°22	27°50	7° 9	21°51	20°32	8° 8	n.a.	M15
T 16	12 55 8	14°57'41	14°42	2°48	27°55	3°30	11° 3	0°38	15°20	27°50	7°10	21°42	20°29	8°15	n.a.	T 16
W17	12 59 5	15°55'07	26°43	2°57	29° 1	4°13	11° 8	0°42	15°17	27°49	7°11	21°32	20°26	8°21	n.a.	W17
T 18	13 3 1	16°52'33	8♊37	3°R 1	0♊ 6	4°56	11°14	0°45	15°15	27°49	7°12	21°25	20°22	8°28	n.a.	T 18
F 19	13 6 58	17°49'57	20°28	3° 1	1°11	5°39	11°19	0°49	15°12	27°49	7°14	21°19	20°19	8°35	n.a.	F 19
S 20	13 10 54	18°47'20	2♋20	2°56	2°16	6°21	11°25	0°52	15°10	27°48	7°15	21°15	20°16	8°42	n.a.	S 20
S 21	13 14 51	19°44'41	14°17	2°46	3°21	7° 4	11°31	0°55	15° 7	27°48	7°16	21°14	20°13	8°48	n.a.	S 21
M22	13 18 47	20°42'01	26°25	2°33	4°26	7°46	11°37	0°58	15° 5	27°48	7°17	21°D14	20°10	8°55	n.a.	M22
T 23	13 22 44	21°39'20	8♌47	2°16	5°30	8°29	11°43	1° 1	15° 2	27°47	7°18	21°14	20° 7	9° 2	n.a.	T 23
W24	13 26 40	22°36'38	21°30	1°55	6°34	9°11	11°50	1° 4	15° 0	27°47	7°19	21°R15	20° 3	9° 8	n.a.	W24
T 25	13 30 37	23°33'54	4♍37	1°30	7°38	9°53	11°56	1° 7	14°57	27°47	7°20	21°14	20° 0	9°15	n.a.	T 25
F 26	13 34 34	24°31'10	18°11	1° 3	8°41	10°35	12° 3	1°10	14°55	27°46	7°21	21°11	19°57	9°22	n.a.	F 26
S 27	13 38 30	25°28'24	2♎12	0°34	9°45	11°18	12° 9	1°13	14°52	27°46	7°22	21° 6	19°54	9°29	n.a.	S 27
S 28	13 42 27	26°25'37	16°38	0° 2	10°48	12° 0	12°16	1°15	14°50	27°45	7°23	20°59	19°51	9°35	n.a.	S 28
M29	13 46 23	27°22'49	1♏24	29♈30	11°50	12°42	12°23	1°18	14°47	27°44	7°24	20°50	19°47	9°42	n.a.	M29
T 30	13 50 20	28♈20'01	16♏22	28♈56	12♊53	13♈24	12♋30	1♒20	14♎45	27♐44	7♓25	20♌40	19♌44	9♊49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n14	4s44	4n28	10n50	2n36	17n18	1n58	3s34	0s41	24n28	1n 2	21s43	1s10	5s51	0n34	23s23	0n25	24s44	16s56	14n12	14n38	16n52		n.a.
T 2	0 37	9 23	4 59	11 22	2 39	17 42	2 1	3 16	0 41	24 28	1 2	21 42	1 10	5 50	0 34	23 23	0 25	24 44	16 57	14 14	14 39	16 53		n.a.
W 3	1 0	13 29	5 10	11 52	2 42	18 5	2 4	2 58	0 40	24 28	1 2	21 41	1 10	5 49	0 34	23 23	0 25	24 43	16 57	14 16	14 40	16 55		n.a.
T 4	1 23	16 45	5 1	12 20	2 44	18 29	2 6	2 40	0 40	24 27	1 2	21 40	1 11	5 48	0 34	23 24	0 25	24 43	16 57	14 17	14 41	16 56		n.a.
F 5	1 47	18 56	4 33	12 45	2 45	18 52	2 9	2 22	0 39	24 27	1 2	21 39	1 11	5 47	0 34	23 24	0 25	24 43	16 57	14 18	14 42	16 57		n.a.
S 6	2 10	19 56	3 49	13 7	2 45	19 14	2 12	2 4	0 39	24 27	1 2	21 38	1 11	5 46	0 34	23 24	0 25	24 42	16 57	14 18	14 44	16 59		n.a.
S 7	2 33	19 40	2 52	13 27	2 44	19 36	2 14	1 46	0 38	24 26	1 2	21 38	1 11	5 45	0 34	23 24	0 25	24 42	16 57	14 18	14 45	17 0		n.a.
M 8	2 56	18 14	1 46	13 44	2 43	19 57	2 17	1 28	0 38	24 26	1 1	21 37	1 11	5 44	0 34	23 24	0 25	24 42	16 58	14 17	14 46	17 1		n.a.
T 9	3 19	15 47	0 35	13 58	2 40	20 18	2 19	1 11	0 37	24 25	1 1	21 36	1 12	5 43	0 34	23 24	0 25	24 41	16 58	14 17	14 47	17 3		n.a.
W10	3 42	12 32	0s37	14 10	2 36	20 39	2 21	0 53	0 37	24 25	1 1	21 35	1 12	5 42	0 34	23 24	0 25	24 41	16 58	14 17	14 48	17 4		n.a.
T 11	4 5	8 42	1 45	14 19	2 31	20 59	2 24	0 35	0 36	24 25	1 1	21 35	1 12	5 41	0 34	23 24	0 25	24 41	16 58	14 18	14 49	17 5		n.a.
F 12	4 28	4 32	2 47	14 25	2 25	21 18	2 26	0 17	0 36	24 24	1 1	21 34	1 12	5 40	0 34	23 24	0 25	24 40	16 58	14 19	14 50	17 7		n.a.
S 13	4 51	0 14	3 39	14 29	2 19	21 37	2 28	0n 1	0 35	24 24	1 1	21 33	1 12	5 39	0 34	23 23	0 25	24 40	16 58	14 21	14 51	17 8		n.a.
S 14	5 14	4n 1	4 20	14 30	2 11	21 56	2 30	0 19	0 35	24 23	1 1	21 33	1 12	5 38	0 34	23 23	0 25	24 40	16 59	14 24	14 52	17 9		n.a.
M15	5 37	8 3	4 49	14 28	2 2	22 13	2 32	0 36	0 34	24 23	1 1	21 32	1 13	5 37	0 34	23 23	0 25	24 40	16 59	14 27	14 53	17 11		n.a.
T 16	5 59	11 41	5 3	14 23	1 52	22 31	2 34	0 54	0 34	24 22	1 1	21 31	1 13	5 36	0 34	23 23	0 25	24 39	16 59	14 30	14 54	17 12		n.a.
W17	6 22	14 48	5 4	14 17	1 41	22 47	2 36	1 12	0 33	24 22	1 1	21 31	1 13	5 35	0 34	23 23	0 25	24 39	16 59	14 33	14 55	17 13		n.a.
T 18	6 44	17 17	4 52	14 7	1 30	23 4	2 37	1 30	0 33	24 21	1 1	21 30	1 13	5 34	0 34	23 23	0 25	24 39	17 0	14 36	14 56	17 15		n.a.
F 19	7 6	19 2	4 27	13 55	1 17	23 19	2 39	1 47	0 32	24 20	1 1	21 30	1 13	5 33	0 34	23 23	0 25	24 39	17 0	14 38	14 57	17 16		n.a.
S 20	7 29	19 57	3 51	13 41	1 3	23 34	2 40	2 5	0 31	24 20	1 0	21 29	1 14	5 33	0 34	23 23	0 25	24 38	17 0	14 39	14 58	17 17		n.a.
S 21	7 51	20 0	3 4	13 24	0 49	23 49	2 42	2 23	0 31	24 19	1 0	21 29	1 14	5 32	0 34	23 23	0 25	24 38	17 0	14 39	14 59	17 18		n.a.
M22	8 13	19 6	2 9	13 5	0 34	24 2	2 43	2 40	0 30	24 19	1 0	21 28	1 14	5 31	0 34	23 23	0 25	24 38	17 0	14 39	15 0	17 20		n.a.
T 23	8 34	17 18	1 6	12 44	0 18	24 16	2 44	2 58	0 30	24 18	1 0	21 28	1 14	5 30	0 34	23 23	0 25	24 38	17 1	14 39	15 1	17 21		n.a.
W24	8 56	14 35	0n 1	12 22	0 2	24 28	2 45	3 15	0 29	24 17	1 0	21 27	1 14	5 29	0 34	23 23	0 25	24 37	17 1	14 39	15 2	17 22		n.a.
T 25	9 18	11 4	1 11	11 58	0s15	24 40	2 46	3 32	0 29	24 17	1 0	21 27	1 15	5 28	0 34	23 23	0 25	24 37	17 1	14 39	15 3	17 24		n.a.
F 26	9 39	6 52	2 18	11 32	0 31	24 52	2 47	3 50	0 28	24 16	1 0	21 26	1 15	5 27	0 34	23 23	0 25	24 37	17 1	14 40	15 4	17 25		n.a.
S 27	10 0	2 10	3 20	11 6	0 49	25 2	2 48	4 7	0 28	24 15	1 0	21 26	1 15	5 26	0 34	23 23	0 25	24 37	17 2	14 42	15 5	17 26		n.a.
S 28	10 21	2s48	4 10	10 39	1 6	25 12	2 49	4 24	0 27	24 15	1 0	21 26	1 15	5 25	0 34	23 23	0 25	24 37	17 2	14 44	15 6	17 28		n.a.
M29	10 42	7 42	4 46	10 11	1 22	25 22	2 49	4 41	0 26	24 14	1 0	21 25	1 15	5 24	0 34	23 23	0 25	24 37	17 2	14 47	15 7	17 29		n.a.
T 30	11n 3	12s11	5n 2	9n44	1s39	25n31	2n50	4n59	0s26	24n13	1n 0	21s25	1s16	5s23	0n34	23s23	0n25	24s36	17s 3	14n50	15n 8	17n30		n.a.

Julian Day Number = 1309146.5, Delta T = 07h43m13s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'23, Lahiri = -19°32'23 Julian Calendar 1 Apr. 1129 BCE == Greg. Calendar 21 March 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

MAY 1129 BCE (-1128) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 54 16	29♈17'12	1♐23	28°R23	13♊55	14♈ 6	12♋38	1♒22	14°R43	27°R43	7♓26	20°R31	19♌41	9♊55	n.a.	W 1
T 2	13 58 13	0♉14'22	16°16	27♈49	14°57	14°48	12°45	1°25	14♎40	27♐42	7°27	20♌23	19°38	10° 2	n.a.	T 2
F 3	14 2 9	1°11'32	0♏55	27°17	15°59	15°30	12°53	1°27	14°38	27°42	7°28	20°18	19°35	10° 9	n.a.	F 3
S 4	14 6 6	2° 8'42	15°15	26°46	17° 0	16°12	13° 0	1°29	14°36	27°41	7°29	20°15	19°32	10°16	n.a.	S 4
S 5	14 10 3	3° 5'51	29°14	26°17	18° 1	16°53	13° 8	1°31	14°33	27°40	7°30	20°D14	19°28	10°22	n.a.	S 5
M 6	14 13 59	4° 3'00	12♒51	25°51	19° 1	17°35	13°16	1°33	14°31	27°40	7°31	20°R14	19°25	10°29	n.a.	M 6
T 7	14 17 56	5° 0'09	26° 9	25°28	20° 2	18°17	13°24	1°34	14°29	27°39	7°32	20°14	19°22	10°36	n.a.	T 7
W 8	14 21 52	5°57'17	9♓10	25° 8	21° 2	18°58	13°32	1°36	14°26	27°38	7°32	20°12	19°19	10°42	n.a.	W 8
T 9	14 25 49	6°54'26	21°57	24°51	22° 1	19°40	13°40	1°37	14°24	27°37	7°33	20° 9	19°16	10°49	n.a.	T 9
F 10	14 29 45	7°51'34	4♈32	24°39	23° 1	20°21	13°49	1°39	14°22	27°36	7°34	20° 3	19°13	10°56	n.a.	F 10
S 11	14 33 42	8°48'41	16°56	24°30	24° 0	21° 3	13°57	1°40	14°20	27°35	7°35	19°54	19° 9	11° 3	n.a.	S 11
S 12	14 37 38	9°45'48	29°12	24°D27	24°58	21°44	14° 6	1°41	14°17	27°34	7°36	19°42	19° 6	11° 9	n.a.	S 12
M13	14 41 35	10°42'56	11♉20	24°27	25°56	22°26	14°14	1°43	14°15	27°33	7°36	19°29	19° 3	11°16	n.a.	M13
T 14	14 45 32	11°40'02	23°21	24°32	26°54	23° 7	14°23	1°44	14°13	27°32	7°37	19°16	19° 0	11°23	n.a.	T 14
W15	14 49 28	12°37'09	5♊16	24°42	27°51	23°48	14°32	1°45	14°11	27°31	7°38	19° 3	18°57	11°29	n.a.	W15
T 16	14 53 25	13°34'15	17° 8	24°57	28°48	24°30	14°41	1°45	14° 9	27°30	7°38	18°51	18°53	11°36	n.a.	T 16
F 17	14 57 21	14°31'21	28°58	25°16	29°45	25°11	14°50	1°46	14° 7	27°29	7°39	18°42	18°50	11°43	n.a.	F 17
S 18	15 1 18	15°28'26	10♋49	25°40	0♋41	25°52	15° 0	1°47	14° 5	27°28	7°40	18°36	18°47	11°50	n.a.	S 18
S 19	15 5 14	16°25'31	22°45	26° 9	1°36	26°33	15° 9	1°47	14° 3	27°27	7°40	18°32	18°44	11°56	n.a.	S 19
M20	15 9 11	17°22'36	4♌50	26°42	2°31	27°14	15°18	1°48	14° 1	27°26	7°41	18°31	18°41	12° 3	n.a.	M20
T 21	15 13 8	18°19'40	17°10	27°20	3°25	27°55	15°28	1°48	13°59	27°25	7°42	18°31	18°38	12°10	n.a.	T 21
W22	15 17 4	19°16'44	29°50	28° 2	4°19	28°36	15°38	1°48	13°57	27°24	7°42	18°31	18°34	12°16	n.a.	W22
T 23	15 21 1	20°13'48	12♍53	28°49	5°13	29°17	15°47	1°48	13°55	27°22	7°43	18°29	18°31	12°23	n.a.	T 23
F 24	15 24 57	21°10'51	26°25	29°40	6° 5	29°57	15°57	1°R48	13°53	27°21	7°43	18°26	18°28	12°30	n.a.	F 24
S 25	15 28 54	22° 7'54	10♎27	0♉36	6°57	0♉38	16° 7	1°48	13°52	27°20	7°44	18°21	18°25	12°37	n.a.	S 25
S 26	15 32 50	23° 4'58	24°57	1°36	7°49	1°19	16°17	1°48	13°50	27°19	7°44	18°13	18°22	12°43	n.a.	S 26
M27	15 36 47	24° 2'01	9♏52	2°40	8°40	2° 0	16°27	1°48	13°48	27°17	7°45	18° 3	18°19	12°50	n.a.	M27
T 28	15 40 43	24°59'04	25° 2	3°48	9°30	2°40	16°37	1°48	13°47	27°16	7°45	17°52	18°15	12°57	n.a.	T 28
W29	15 44 40	25°56'07	10♐19	5° 1	10°19	3°21	16°47	1°47	13°45	27°15	7°46	17°42	18°12	13° 3	n.a.	W29
T 30	15 48 37	26°53'11	25°29	6°17	11° 8	4° 1	16°58	1°46	13°43	27°13	7°46	17°34	18° 9	13°10	n.a.	T 30
F 31	15 52 33	27♉50'15	10♏25	7♉38	11♋56	4♉42	17♋ 8	1♒46	13♎42	27♐12	7♓47	17♌27	18♌ 6	13♊17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n24	15s55	4n57	9n17	1s55	25n39	2n50	5n16	0s25	24n12	1n 0	21s25	1s16	5s22	0n34	23s23	0n25	24s36	17s 3	14n53	15n 9	17n31			n.a.
T 2	11 44	18 35	4 33	8 51	2 10	25 47	2 50	5 33	0 25	24 11	0 59	21 24	1 16	5 21	0 34	23 23	0 25	24 36	17 3	14 56	15 10	17 33			n.a.
F 3	12 5	19 59	3 50	8 25	2 25	25 54	2 50	5 50	0 24	24 11	0 59	21 24	1 16	5 20	0 34	23 23	0 25	24 36	17 3	14 57	15 11	17 34			n.a.
S 4	12 25	20 3	2 54	8 1	2 39	26 0	2 50	6 6	0 23	24 10	0 59	21 24	1 16	5 19	0 34	23 23	0 25	24 36	17 4	14 58	15 12	17 35			n.a.
S 5	12 45	18 52	1 49	7 39	2 52	26 5	2 50	6 23	0 23	24 9	0 59	21 23	1 17	5 18	0 34	23 23	0 25	24 36	17 4	14 59	15 13	17 36			n.a.
M 6	13 4	16 36	0 39	7 18	3 3	26 11	2 49	6 40	0 22	24 8	0 59	21 23	1 17	5 18	0 34	23 23	0 25	24 36	17 4	14 59	15 14	17 38			n.a.
T 7	13 24	13 30	0s31	7 0	3 14	26 15	2 49	6 57	0 22	24 7	0 59	21 23	1 17	5 17	0 34	23 23	0 25	24 36	17 5	14 59	15 15	17 39			n.a.
W 8	13 43	9 47	1 39	6 44	3 23	26 19	2 48	7 13	0 21	24 6	0 59	21 23	1 17	5 16	0 34	23 23	0 25	24 36	17 5	14 59	15 16	17 40			n.a.
T 9	14 2	5 41	2 40	6 30	3 31	26 22	2 47	7 30	0 21	24 5	0 59	21 23	1 18	5 15	0 34	23 23	0 25	24 36	17 5	15 0	15 17	17 41			n.a.
F 10	14 21	1 24	3 31	6 19	3 38	26 24	2 46	7 46	0 20	24 4	0 59	21 23	1 18	5 14	0 34	23 23	0 25	24 36	17 5	15 2	15 18	17 43			n.a.
S 11	14 40	2n53	4 13	6 11	3 44	26 26	2 45	8 3	0 19	24 3	0 59	21 23	1 18	5 13	0 34	23 23	0 25	24 36	17 6	15 5	15 19	17 44			n.a.
S 12	14 58	6 59	4 41	6 5	3 48	26 27	2 44	8 19	0 19	24 2	0 59	21 22	1 18	5 12	0 34	23 23	0 25	24 36	17 6	15 9	15 20	17 45			n.a.
M13	15 17	10 46	4 57	6 3	3 52	26 28	2 42	8 35	0 18	24 1	0 59	21 22	1 18	5 12	0 34	23 23	0 25	24 36	17 6	15 13	15 21	17 46			n.a.
T 14	15 35	14 5	4 59	6 3	3 54	26 28	2 41	8 51	0 18	24 0	0 59	21 22	1 19	5 11	0 34	23 23	0 25	24 36	17 7	15 17	15 22	17 48			n.a.
W15	15 53	16 48	4 48	6 5	3 54	26 27	2 39	9 7	0 17	23 59	0 59	21 22	1 19	5 10	0 34	23 23	0 25	24 36	17 7	15 21	15 23	17 49			n.a.
T 16	16 10	18 48	4 25	6 11	3 54	26 26	2 37	9 23	0 16	23 58	0 59	21 22	1 19	5 9	0 34	23 23	0 25	24 36	17 7	15 25	15 24	17 50			n.a.
F 17	16 27	19 59	3 50	6 19	3 53	26 24	2 35	9 39	0 16	23 57	0 58	21 22	1 19	5 8	0 34	23 23	0 25	24 36	17 8	15 28	15 25	17 51			n.a.
S 18	16 44	20 18	3 5	6 30	3 50	26 22	2 33	9 55	0 15	23 56	0 58	21 23	1 19	5 8	0 34	23 23	0 25	24 36	17 8	15 30	15 26	17 53			n.a.
S 19	17 1	19 43	2 12	6 44	3 47	26 19	2 30	10 11	0 15	23 55	0 58	21 23	1 20	5 7	0 34	23 23	0 25	24 36	17 8	15 31	15 27	17 54			n.a.
M20	17 18	18 12	1 12	7 0	3 43	26 16	2 27	10 26	0 14	23 54	0 58	21 23	1 20	5 6	0 34	23 23	0 25	24 36	17 9	15 31	15 28	17 55			n.a.
T 21	17 34	15 50	0 7	7 19	3 38	26 12	2 25	10 42	0 13	23 53	0 58	21 23	1 20	5 5	0 34	23 23	0 25	24 36	17 9	15 31	15 29	17 56			n.a.
W22	17 50	12 38	1n 0	7 39	3 32	26 7	2 22	10 57	0 13	23 52	0 58	21 23	1 20	5 5	0 33	23 23	0 25	24 36	17 9	15 31	15 30	17 58			n.a.
T 23	18 5	8 45	2 5	8 3	3 25	26 2	2 18	11 12	0 12	23 50	0 58	21 23	1 21	5 4	0 33	23 23	0 25	24 36	17 10	15 32	15 31	17 59			n.a.
F 24	18 21	4 17	3 6	8 28	3 17	25 56	2 15	11 28	0 12	23 49	0 58	21 23	1 21	5 3	0 33	23 23	0 25	24 36	17 10	15 33	15 32	18 0			n.a.
S 25	18 36	0s34	3 58	8 55	3 9	25 50	2 11	11 43	0 11	23 48	0 58	21 24	1 21	5 3	0 33	23 23	0 25	24 36	17 10	15 34	15 33	18 1			n.a.
S 26	18 51	5 32	4 37	9 24	3 0	25 43	2 8	11 58	0 10	23 47	0 58	21 24	1 21	5 2	0 33	23 23	0 25	24 36	17 11	15 37	15 34	18 2			n.a.
M27	19 5	10 18	4 58	9 55	2 51	25 36	2 4	12 12	0 10	23 45	0 58	21 24	1 21	5 1	0 33	23 23	0 25	24 36	17 11	15 40	15 35	18 4			n.a.
T 28	19 19	14 31	4 58	10 28	2 41	25 28	1 59	12 27	0 9	23 44	0 58	21 24	1 22	5 1	0 33	23 23	0 25	24 37	17 11	15 43	15 36	18 5			n.a.
W29	19 33	17 46	4 38	11 2	2 31	25 20	1 55	12 42	0 8	23 43	0 58	21 25	1 22	5 0	0 33	23 23	0 25	24 37	17 12	15 47	15 37	18 6			n.a.
T 30	19 47	19 47	3 58	11 38	2 20	25 11	1 50	12 56	0 8	23 41	0 58	21 25	1 22	4 59	0 33	23 23	0 25	24 37	17 12	15 49	15 38	18 7			n.a.
F 31	20n 0	20s23	3n 2	12n15	2s 9	25n 2	1n45	13n11	0s 7	23n40	0n58	21s25	1s22	4s59	0n33	23s23	0n25	24s37	17s12	15n51	15n39	18n 8			n.a.

Julian Day Number = 1309176.5, Delta T = 07h43m11s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'19, Lahiri = -19°32'18 Julian Calendar 1 May 1129 BCE == Greg. Calendar 20 Apr. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

JUNE 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 30	28♉47'20	24♋58	9♉ 2	12♋43	5♉22	17♋19	1°R45	13°R40	27°R11	7♓47	17°R24	18♌ 3	13♊24	n.a.	S 1
S 2	16 0 26	29°44'25	9♒ 6	10°30	13°30	6° 2	17°29	1♒44	13♎39	27♐ 9	7°47	17♌22	17°59	13°30	n.a.	S 2
M 3	16 4 23	0♊41'31	22°48	12° 2	14°15	6°43	17°40	1°43	13°37	27° 8	7°48	17°D22	17°56	13°37	n.a.	M 3
T 4	16 8 19	1°38'38	6♓ 5	13°38	15° 0	7°23	17°51	1°42	13°36	27° 7	7°48	17°R22	17°53	13°44	n.a.	T 4
W 5	16 12 16	2°35'45	19° 1	15°18	15°44	8° 3	18° 2	1°41	13°35	27° 5	7°48	17°21	17°50	13°50	n.a.	W 5
T 6	16 16 12	3°32'53	1♈39	17° 1	16°27	8°43	18°12	1°40	13°33	27° 4	7°49	17°18	17°47	13°57	n.a.	T 6
F 7	16 20 9	4°30'02	14° 3	18°47	17° 9	9°23	18°23	1°38	13°32	27° 2	7°49	17°13	17°44	14° 4	n.a.	F 7
S 8	16 24 6	5°27'11	26°17	20°36	17°49	10° 4	18°34	1°37	13°31	27° 1	7°49	17° 5	17°40	14°11	n.a.	S 8
S 9	16 28 2	6°24'22	8♉22	22°29	18°29	10°44	18°46	1°35	13°30	26°59	7°49	16°54	17°37	14°17	n.a.	S 9
M10	16 31 59	7°21'33	20°21	24°24	19° 8	11°24	18°57	1°34	13°28	26°58	7°49	16°42	17°34	14°24	n.a.	M10
T 11	16 35 55	8°18'44	2♊16	26°21	19°46	12° 3	19° 8	1°32	13°27	26°56	7°50	16°29	17°31	14°31	n.a.	T 11
W12	16 39 52	9°15'57	14° 7	28°21	20°22	12°43	19°19	1°30	13°26	26°55	7°50	16°17	17°28	14°37	n.a.	W12
T 13	16 43 48	10°13'10	25°58	0♊23	20°58	13°23	19°31	1°28	13°25	26°53	7°50	16° 7	17°24	14°44	n.a.	T 13
F 14	16 47 45	11°10'24	7♋49	2°26	21°32	14° 3	19°42	1°26	13°24	26°52	7°50	15°59	17°21	14°51	n.a.	F 14
S 15	16 51 42	12° 7'38	19°42	4°31	22° 4	14°43	19°54	1°24	13°23	26°50	7°50	15°53	17°18	14°58	n.a.	S 15
S 16	16 55 38	13° 4'54	1♌41	6°36	22°36	15°22	20° 5	1°22	13°23	26°48	7°50	15°50	17°15	15° 4	n.a.	S 16
M17	16 59 35	14° 2'09	13°49	8°43	23° 6	16° 2	20°17	1°20	13°22	26°47	7°50	15°D49	17°12	15°11	n.a.	M17
T 18	17 3 31	14°59'26	26°10	10°49	23°34	16°42	20°28	1°17	13°21	26°45	7°R50	15°49	17° 9	15°18	n.a.	T 18
W19	17 7 28	15°56'43	8♍48	12°56	24° 1	17°21	20°40	1°15	13°20	26°44	7°50	15°50	17° 5	15°24	n.a.	W19
T 20	17 11 24	16°54'00	21°48	15° 3	24°27	18° 1	20°52	1°12	13°20	26°42	7°50	15°R50	17° 2	15°31	n.a.	T 20
F 21	17 15 21	17°51'18	5♎15	17° 9	24°50	18°40	21° 4	1° 9	13°19	26°40	7°50	15°48	16°59	15°38	n.a.	F 21
S 22	17 19 17	18°48'37	19° 9	19°14	25°12	19°19	21°16	1° 7	13°18	26°39	7°50	15°45	16°56	15°44	n.a.	S 22
S 23	17 23 14	19°45'57	3♏32	21°19	25°33	19°59	21°28	1° 4	13°18	26°37	7°50	15°39	16°53	15°51	n.a.	S 23
M24	17 27 11	20°43'17	18°20	23°23	25°51	20°38	21°40	1° 1	13°17	26°36	7°50	15°32	16°50	15°58	n.a.	M24
T 25	17 31 7	21°40'39	3♐28	25°25	26° 7	21°17	21°52	0°58	13°17	26°34	7°50	15°25	16°46	16° 5	n.a.	T 25
W26	17 35 4	22°38'01	18°45	27°26	26°22	21°56	22° 4	0°55	13°17	26°32	7°49	15°17	16°43	16°11	n.a.	W26
T 27	17 39 0	23°35'25	4♑ 1	29°26	26°34	22°36	22°16	0°52	13°16	26°31	7°49	15°10	16°40	16°18	n.a.	T 27
F 28	17 42 57	24°32'50	19° 5	1♋25	26°45	23°15	22°28	0°49	13°16	26°29	7°49	15° 6	16°37	16°25	n.a.	F 28
S 29	17 46 53	25°30'16	3♒48	3°22	26°53	23°54	22°41	0°45	13°16	26°28	7°49	15° 4	16°34	16°31	n.a.	S 29
S 30	17 50 50	26♊27'44	18♒ 6	5♋18	27♋ 0	24♉33	22♋53	0♒42	13♎16	26♐26	7♓49	15°D 3	16♌30	16♊38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n13	19s35	1n56	12n53	1s57	24n52	1n40	13n25	0s 7	23n38	0n58	21s26	1s23	4s58	0n33	23s23	0n25	24s37	17s13	15n52	15n40	18n10		n.a.
S 2	20 25	17 34	0 44	13 33	1 45	24 42	1 35	13 39	0 6	23 37	0 58	21 26	1 23	4 58	0 33	23 23	0 25	24 37	17 13	15 53	15 41	18 11		n.a.
M 3	20 38	14 35	0s29	14 13	1 33	24 32	1 29	13 54	0 5	23 36	0 58	21 27	1 23	4 57	0 33	23 23	0 25	24 38	17 14	15 53	15 42	18 12		n.a.
T 4	20 49	10 56	1 37	14 54	1 21	24 21	1 24	14 7	0 5	23 34	0 58	21 27	1 23	4 57	0 33	23 23	0 25	24 38	17 14	15 53	15 43	18 13		n.a.
W 5	21 1	6 51	2 39	15 36	1 9	24 10	1 18	14 21	0 4	23 33	0 58	21 28	1 23	4 56	0 33	23 23	0 25	24 38	17 14	15 53	15 44	18 14		n.a.
T 6	21 12	2 34	3 32	16 17	0 56	23 58	1 11	14 35	0 3	23 31	0 58	21 28	1 24	4 56	0 33	23 23	0 25	24 38	17 15	15 54	15 45	18 15		n.a.
F 7	21 23	1n45	4 13	16 59	0 44	23 47	1 5	14 49	0 3	23 29	0 58	21 29	1 24	4 55	0 33	23 23	0 25	24 39	17 15	15 56	15 46	18 17		n.a.
S 8	21 34	5 55	4 42	17 41	0 32	23 34	0 58	15 2	0 2	23 28	0 58	21 29	1 24	4 55	0 33	23 23	0 25	24 39	17 15	15 58	15 47	18 18		n.a.
S 9	21 44	9 49	4 58	18 22	0 20	23 22	0 51	15 16	0 1	23 26	0 57	21 30	1 24	4 54	0 33	23 23	0 25	24 39	17 16	16 1	15 48	18 19		n.a.
M10	21 53	13 17	5 1	19 3	0 8	23 9	0 43	15 29	0 1	23 25	0 57	21 30	1 24	4 54	0 33	23 23	0 25	24 39	17 16	16 5	15 49	18 20		n.a.
T 11	22 3	16 12	4 51	19 43	0n 4	22 56	0 36	15 42	0 0	23 23	0 57	21 31	1 25	4 53	0 33	23 23	0 25	24 40	17 16	16 9	15 50	18 21		n.a.
W12	22 12	18 26	4 27	20 22	0 15	22 43	0 28	15 55	0n 0	23 21	0 57	21 32	1 25	4 53	0 33	23 23	0 25	24 40	17 17	16 13	15 51	18 22		n.a.
T 13	22 21	19 53	3 53	20 59	0 26	22 29	0 20	16 8	0 1	23 20	0 57	21 32	1 25	4 53	0 33	23 23	0 25	24 40	17 17	16 16	15 52	18 24		n.a.
F 14	22 29	20 28	3 8	21 34	0 36	22 16	0 12	16 20	0 2	23 18	0 57	21 33	1 25	4 52	0 33	23 22	0 25	24 40	17 17	16 18	15 53	18 25		n.a.
S 15	22 37	20 8	2 15	22 8	0 46	22 2	0 3	16 33	0 2	23 16	0 57	21 33	1 25	4 52	0 33	23 22	0 25	24 41	17 18	16 20	15 54	18 26		n.a.
S 16	22 44	18 54	1 15	22 40	0 55	21 48	0s 6	16 45	0 3	23 15	0 57	21 34	1 26	4 52	0 33	23 22	0 25	24 41	17 18	16 21	15 55	18 27		n.a.
M17	22 51	16 47	0 11	23 9	1 3	21 34	0 15	16 58	0 4	23 13	0 57	21 35	1 26	4 51	0 33	23 22	0 25	24 41	17 19	16 21	15 56	18 28		n.a.
T 18	22 58	13 52	0n55	23 36	1 11	21 19	0 25	17 10	0 4	23 11	0 57	21 36	1 26	4 51	0 33	23 22	0 25	24 42	17 19	16 21	15 57	18 29		n.a.
W19	23 4	10 15	2 0	24 1	1 18	21 5	0 35	17 22	0 5	23 9	0 57	21 36	1 26	4 51	0 33	23 22	0 25	24 42	17 19	16 21	15 58	18 30		n.a.
T 20	23 10	6 3	3 0	24 22	1 25	20 51	0 45	17 34	0 6	23 7	0 57	21 37	1 26	4 51	0 33	23 22	0 25	24 42	17 20	16 21	15 59	18 32		n.a.
F 21	23 16	1 26	3 53	24 41	1 30	20 36	0 55	17 46	0 6	23 5	0 57	21 38	1 27	4 50	0 33	23 22	0 25	24 43	17 20	16 21	16 0	18 33		n.a.
S 22	23 21	3s24	4 34	24 58	1 35	20 22	1 6	17 57	0 7	23 3	0 57	21 39	1 27	4 50	0 33	23 22	0 25	24 43	17 20	16 22	16 1	18 34		n.a.
S 23	23 26	8 13	4 59	25 11	1 39	20 7	1 17	18 9	0 8	23 2	0 57	21 40	1 27	4 50	0 33	23 22	0 25	24 43	17 21	16 24	16 2	18 35		n.a.
M24	23 30	12 41	5 6	25 22	1 43	19 52	1 28	18 20	0 8	23 0	0 57	21 40	1 27	4 50	0 32	23 22	0 25	24 44	17 21	16 26	16 3	18 36		n.a.
T 25	23 34	16 26	4 51	25 30	1 45	19 38	1 40	18 31	0 9	22 58	0 57	21 41	1 27	4 50	0 32	23 22	0 25	24 44	17 21	16 29	16 4	18 37		n.a.
W26	23 37	19 6	4 16	25 36	1 47	19 24	1 52	18 42	0 10	22 56	0 57	21 42	1 28	4 50	0 32	23 22	0 25	24 44	17 22	16 31	16 5	18 38		n.a.
T 27	23 40	20 24	3 22	25 38	1 49	19 9	2 4	18 53	0 10	22 54	0 57	21 43	1 28	4 50	0 32	23 22	0 25	24 45	17 22	16 33	16 6	18 39		n.a.
F 28	23 43	20 13	2 15	25 39	1 50	18 55	2 16	19 4	0 11	22 52	0 57	21 44	1 28	4 50	0 32	23 22	0 25	24 45	17 23	16 34	16 7	18 41		n.a.
S 29	23 45	18 38	1 0	25 37	1 50	18 41	2 29	19 14	0 12	22 50	0 57	21 45	1 28	4 49	0 32	23 22	0 25	24 46	17 23	16 35	16 8	18 42		n.a.
S 30	23n47	15s55	0s16	25n32	1n49	18n27	2s42	19n25	0n12	22n47	0n57	21s46	1s28	4s49	0n32	23s22	0n25	24s46	17s23	16n35	16n 9	18n43		n.a.

Julian Day Number = 1309207.5, Delta T = 07h43m10s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'15, Lahiri = -19°32'14 Julian Calendar 1 June 1129 BCE == Greg. Calendar 21 May 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

JULY 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 54 46	27♊25'13	1♓56	7♋12	27♋ 4	25♉12	23♋ 5	0°R39	13°R16	26°R24	7°R48	15♌ 4	16♌27	16♊45	n.a.	M 1
T 2	17 58 43	28°22'43	15°19	9° 5	27°R 5	25°51	23°18	0♒35	13♎16	26♐23	7♓48	15° 5	16°24	16°52	n.a.	T 2
W 3	18 2 40	29°20'15	28°18	10°57	27° 5	26°29	23°30	0°32	13°D16	26°21	7°48	15°R 6	16°21	16°58	n.a.	W 3
T 4	18 6 36	0♋17'49	10♈56	12°46	27° 2	27° 8	23°42	0°28	13°16	26°19	7°47	15° 5	16°18	17° 5	n.a.	T 4
F 5	18 10 33	1°15'24	23°17	14°35	26°57	27°47	23°55	0°24	13°16	26°18	7°47	15° 3	16°15	17°12	n.a.	F 5
S 6	18 14 29	2°13'01	5♉25	16°22	26°49	28°26	24° 7	0°21	13°16	26°16	7°47	14°59	16°11	17°18	n.a.	S 6
S 7	18 18 26	3°10'40	17°25	18° 7	26°39	29° 4	24°20	0°17	13°16	26°14	7°46	14°53	16° 8	17°25	n.a.	S 7
M 8	18 22 22	4° 8'20	29°19	19°51	26°27	29°43	24°33	0°13	13°16	26°13	7°46	14°46	16° 5	17°32	n.a.	M 8
T 9	18 26 19	5° 6'03	11♊10	21°33	26°13	0♊22	24°45	0° 9	13°17	26°11	7°46	14°38	16° 2	17°38	n.a.	T 9
W10	18 30 15	6° 3'46	23° 1	23°14	25°56	1° 0	24°58	0° 5	13°17	26°10	7°45	14°31	15°59	17°45	n.a.	W10
T 11	18 34 12	7° 1'31	4♋53	24°54	25°37	1°39	25°11	0° 1	13°17	26° 8	7°45	14°25	15°56	17°52	n.a.	T 11
F 12	18 38 9	7°59'18	16°48	26°32	25°15	2°17	25°23	29♑57	13°18	26° 6	7°44	14°20	15°52	17°59	n.a.	F 12
S 13	18 42 5	8°57'07	28°49	28° 9	24°52	2°55	25°36	29°53	13°18	26° 5	7°44	14°17	15°49	18° 5	n.a.	S 13
S 14	18 46 2	9°54'56	10♌56	29°44	24°26	3°34	25°49	29°49	13°19	26° 3	7°43	14°D16	15°46	18°12	n.a.	S 14
M15	18 49 58	10°52'48	23°13	1♌18	23°59	4°12	26° 2	29°44	13°20	26° 2	7°43	14°16	15°43	18°19	n.a.	M15
T 16	18 53 55	11°50'41	5♍42	2°50	23°30	4°50	26°15	29°40	13°20	26° 0	7°42	14°18	15°40	18°25	n.a.	T 16
W17	18 57 51	12°48'35	18°26	4°21	22°59	5°29	26°27	29°36	13°21	25°59	7°41	14°19	15°36	18°32	n.a.	W17
T 18	19 1 48	13°46'30	1♎28	5°51	22°26	6° 7	26°40	29°31	13°22	25°57	7°41	14°21	15°33	18°39	n.a.	T 18
F 19	19 5 44	14°44'27	14°52	7°19	21°53	6°45	26°53	29°27	13°23	25°56	7°40	14°R21	15°30	18°45	n.a.	F 19
S 20	19 9 41	15°42'26	28°39	8°46	21°18	7°23	27° 6	29°23	13°23	25°54	7°40	14°20	15°27	18°52	n.a.	S 20
S 21	19 13 38	16°40'26	12♏49	10°11	20°42	8° 1	27°19	29°18	13°24	25°53	7°39	14°19	15°24	18°59	n.a.	S 21
M22	19 17 34	17°38'27	27°22	11°35	20° 6	8°39	27°32	29°14	13°25	25°51	7°38	14°16	15°21	19° 6	n.a.	M22
T 23	19 21 31	18°36'30	12♐13	12°57	19°29	9°17	27°45	29° 9	13°26	25°50	7°38	14°12	15°17	19°12	n.a.	T 23
W24	19 25 27	19°34'35	27°15	14°18	18°52	9°54	27°58	29° 5	13°27	25°48	7°37	14° 9	15°14	19°19	n.a.	W24
T 25	19 29 24	20°32'41	12♑20	15°37	18°15	10°32	28°11	29° 0	13°29	25°47	7°36	14° 6	15°11	19°26	n.a.	T 25
F 26	19 33 20	21°30'50	27°18	16°54	17°39	11°10	28°24	28°56	13°30	25°45	7°35	14° 4	15° 8	19°32	n.a.	F 26
S 27	19 37 17	22°29'00	12♒ 1	18°10	17° 3	11°48	28°37	28°51	13°31	25°44	7°35	14°D 4	15° 5	19°39	n.a.	S 27
S 28	19 41 13	23°27'12	26°22	19°24	16°27	12°25	28°50	28°46	13°32	25°42	7°34	14° 4	15° 2	19°46	n.a.	S 28
M29	19 45 10	24°25'26	10♓19	20°36	15°53	13° 3	29° 3	28°42	13°34	25°41	7°33	14° 5	14°58	19°52	n.a.	M29
T 30	19 49 7	25°23'42	23°48	21°46	15°20	13°40	29°16	28°37	13°35	25°40	7°32	14° 6	14°55	19°59	n.a.	T 30
W31	19 53 3	26♋22'01	6♈53	22♌54	14♋49	14♊18	29♋29	28♑32	13♎36	25♐38	7♓31	14♌ 8	14♌52	20♊ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	12s21	1s30	25n26	1n48	18n14	2s55	19n35	0n13	22n45	0n57	21s47	1s28	4s49	0n32	23s22	0n25	24s47	17s24	16n35	16n10	18n44			n.a.
T 2	23 49	8 16	2 36	25 17	1 47	18 0	3 8	19 45	0 14	22 43	0 57	21 48	1 29	4 49	0 32	23 22	0 25	24 47	17 24	16 34	16 11	18 45			n.a.
W 3	23 50	3 55	3 32	25 6	1 45	17 47	3 21	19 55	0 14	22 41	0 57	21 48	1 29	4 49	0 32	23 22	0 25	24 47	17 24	16 34	16 11	18 46			n.a.
T 4	23 50	0n28	4 16	24 54	1 42	17 35	3 35	20 5	0 15	22 39	0 57	21 49	1 29	4 50	0 32	23 22	0 25	24 48	17 25	16 34	16 12	18 47			n.a.
F 5	23 49	4 45	4 47	24 39	1 39	17 22	3 49	20 14	0 16	22 37	0 57	21 50	1 29	4 50	0 32	23 22	0 25	24 48	17 25	16 35	16 13	18 48			n.a.
S 6	23 48	8 45	5 5	24 23	1 35	17 10	4 3	20 24	0 16	22 35	0 57	21 51	1 29	4 50	0 32	23 22	0 25	24 49	17 25	16 36	16 14	18 49			n.a.
S 7	23 47	12 22	5 9	24 5	1 31	16 58	4 16	20 33	0 17	22 32	0 57	21 52	1 29	4 50	0 32	23 22	0 25	24 49	17 26	16 38	16 15	18 50			n.a.
M 8	23 46	15 28	4 59	23 46	1 27	16 47	4 30	20 42	0 18	22 30	0 57	21 53	1 30	4 50	0 32	23 22	0 25	24 50	17 26	16 40	16 16	18 51			n.a.
T 9	23 44	17 54	4 37	23 25	1 22	16 36	4 44	20 51	0 18	22 28	0 57	21 54	1 30	4 50	0 32	23 22	0 25	24 50	17 26	16 42	16 17	18 53			n.a.
W10	23 41	19 36	4 3	23 3	1 17	16 25	4 58	21 0	0 19	22 25	0 57	21 55	1 30	4 50	0 32	23 22	0 25	24 51	17 27	16 44	16 18	18 54			n.a.
T 11	23 38	20 26	3 18	22 40	1 11	16 15	5 12	21 9	0 20	22 23	0 57	21 56	1 30	4 50	0 32	23 22	0 25	24 51	17 27	16 46	16 19	18 55			n.a.
F 12	23 35	20 22	2 24	22 16	1 6	16 6	5 25	21 17	0 20	22 21	0 57	21 58	1 30	4 51	0 32	23 22	0 25	24 52	17 27	16 48	16 20	18 56			n.a.
S 13	23 31	19 22	1 23	21 50	0 59	15 57	5 39	21 26	0 21	22 18	0 57	21 59	1 30	4 51	0 32	23 22	0 25	24 52	17 28	16 49	16 21	18 57			n.a.
S 14	23 27	17 29	0 18	21 24	0 53	15 49	5 52	21 34	0 22	22 16	0 58	22 0	1 31	4 51	0 32	23 22	0 24	24 53	17 28	16 49	16 22	18 58			n.a.
M15	23 22	14 46	0n49	20 57	0 46	15 41	6 4	21 42	0 22	22 14	0 58	22 1	1 31	4 51	0 32	23 22	0 24	24 53	17 28	16 49	16 23	18 59			n.a.
T 16	23 17	11 21	1 55	20 29	0 39	15 33	6 17	21 50	0 23	22 11	0 58	22 2	1 31	4 52	0 32	23 22	0 24	24 54	17 28	16 48	16 24	19 0			n.a.
W17	23 12	7 20	2 56	20 0	0 32	15 27	6 29	21 57	0 24	22 9	0 58	22 3	1 31	4 52	0 32	23 21	0 24	24 54	17 29	16 48	16 25	19 1			n.a.
T 18	23 6	2 55	3 50	19 31	0 25	15 21	6 40	22 5	0 24	22 6	0 58	22 4	1 31	4 52	0 32	23 21	0 24	24 55	17 29	16 48	16 26	19 2			n.a.
F 19	23 0	1s45	4 33	19 1	0 17	15 15	6 51	22 12	0 25	22 4	0 58	22 5	1 31	4 53	0 32	23 21	0 24	24 55	17 29	16 47	16 27	19 3			n.a.
S 20	22 53	6 28	5 2	18 30	0 9	15 10	7 1	22 19	0 26	22 1	0 58	22 6	1 31	4 53	0 32	23 21	0 24	24 56	17 30	16 48	16 28	19 4			n.a.
S 21	22 46	10 58	5 14	17 59	0 1	15 6	7 11	22 26	0 27	21 59	0 58	22 7	1 31	4 54	0 32	23 21	0 24	24 56	17 30	16 48	16 29	19 5			n.a.
M22	22 39	14 56	5 6	17 28	0s 7	15 3	7 20	22 33	0 27	21 56	0 58	22 8	1 32	4 54	0 31	23 21	0 24	24 57	17 30	16 49	16 30	19 6			n.a.
T 23	22 31	18 3	4 37	16 57	0 16	15 0	7 28	22 40	0 28	21 54	0 58	22 9	1 32	4 54	0 31	23 21	0 24	24 57	17 31	16 50	16 31	19 7			n.a.
W24	22 22	19 58	3 50	16 25	0 25	14 58	7 35	22 46	0 29	21 51	0 58	22 10	1 32	4 55	0 31	23 21	0 24	24 58	17 31	16 51	16 32	19 8			n.a.
T 25	22 14	20 30	2 46	15 53	0 33	14 56	7 42	22 52	0 29	21 48	0 58	22 11	1 32	4 55	0 31	23 21	0 24	24 58	17 31	16 52	16 33	19 9			n.a.
F 26	22 5	19 33	1 31	15 21	0 42	14 55	7 47	22 59	0 30	21 46	0 58	22 12	1 32	4 56	0 31	23 21	0 24	24 59	17 31	16 52	16 34	19 10			n.a.
S 27	21 55	17 17	0 11	14 49	0 51	14 55	7 52	23 4	0 31	21 43	0 58	22 13	1 32	4 56	0 31	23 21	0 24	24 59	17 32	16 53	16 34	19 11			n.a.
S 28	21 45	13 59	1s 7	14 18	1 0	14 55	7 56	23 10	0 31	21 40	0 58	22 15	1 32	4 57	0 31	23 21	0 24	25 0	17 32	16 52	16 35	19 12			n.a.
M29	21 35	9 58	2 20	13 46	1 9	14 56	7 59	23 16	0 32	21 38	0 58	22 16	1 32	4 57	0 31	23 21	0 24	25 0	17 32	16 52	16 36	19 13			n.a.
T 30	21 24	5 35	3 22	13 15	1 18	14 58	8 1	23 21	0 33	21 35	0 58	22 17	1 32	4 58	0 31	23 21	0 24	25 1	17 32	16 52	16 37	19 14			n.a.
W31	21n13	1s 4	4s12	12n43	1s28	15n 0	8s 2	23n27	0n34	21n32	0n58	22s18	1s33	4s59	0n31	23s21	0n24	25s 1	17s33	16n51	16n38	19n15			n.a.

Julian Day Number = 1309237.5, Delta T = 07h43m08s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'11, Lahiri = -19°32'10 Julian Calendar 1 July 1129 BCE == Greg. Calendar 20 June 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

AUGUST 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 0	27♋20'22	19♈35	24♌ 0	14°R18	14♊55	29♋42	28°R28	13♎38	25°R37	7°R31	14♌ 9	14♌49	20♊13	n.a.	T 1
F 2	20 0 56	28°18'44	1♉57	25° 4	13♋50	15°33	29°55	28♏23	13°39	25♐36	7♓30	14°R 9	14°46	20°19	n.a.	F 2
S 3	20 4 53	29°17'10	14° 6	26° 6	13°24	16°10	0♌ 8	28°18	13°41	25°34	7°29	14° 8	14°42	20°26	n.a.	S 3
S 4	20 8 49	0♌15'37	26° 4	27° 5	12°59	16°47	0°21	28°14	13°43	25°33	7°28	14° 7	14°39	20°33	n.a.	S 4
M 5	20 12 46	1°14'07	7♊57	28° 1	12°37	17°25	0°34	28° 9	13°44	25°32	7°27	14° 5	14°36	20°39	n.a.	M 5
T 6	20 16 42	2°12'39	19°47	28°54	12°17	18° 2	0°47	28° 5	13°46	25°31	7°26	14° 3	14°33	20°46	n.a.	T 6
W 7	20 20 39	3°11'14	1♋39	29°45	11°59	18°39	1° 1	28° 0	13°48	25°29	7°25	14° 2	14°30	20°53	n.a.	W 7
T 8	20 24 36	4° 9'50	13°35	0♍32	11°44	19°16	1°14	27°55	13°50	25°28	7°24	14° 0	14°27	20°59	n.a.	T 8
F 9	20 28 32	5° 8'29	25°38	1°15	11°31	19°53	1°27	27°51	13°51	25°27	7°23	13°59	14°23	21° 6	n.a.	F 9
S 10	20 32 29	6° 7'10	7♌50	1°55	11°20	20°30	1°40	27°46	13°53	25°26	7°22	13°59	14°20	21°13	n.a.	S 10
S 11	20 36 25	7° 5'53	20°11	2°31	11°12	21° 7	1°53	27°42	13°55	25°25	7°22	13°D59	14°17	21°20	n.a.	S 11
M12	20 40 22	8° 4'38	2♍44	3° 2	11° 6	21°44	2° 6	27°37	13°57	25°24	7°21	13°59	14°14	21°26	n.a.	M12
T 13	20 44 18	9° 3'25	15°30	3°28	11° 3	22°21	2°19	27°33	13°59	25°23	7°20	14° 0	14°11	21°33	n.a.	T 13
W14	20 48 15	10° 2'13	28°29	3°50	11°D 2	22°58	2°32	27°28	14° 1	25°22	7°19	14° 0	14° 8	21°40	n.a.	W14
T 15	20 52 11	11° 1'04	11♎43	4° 5	11° 3	23°34	2°45	27°24	14° 4	25°21	7°18	14° 1	14° 4	21°46	n.a.	T 15
F 16	20 56 8	11°59'57	25°13	4°15	11° 6	24°11	2°58	27°19	14° 6	25°20	7°16	14° 1	14° 1	21°53	n.a.	F 16
S 17	21 0 4	12°58'51	8♏59	4°R19	11°12	24°47	3°11	27°15	14° 8	25°19	7°15	14° 1	13°58	22° 0	n.a.	S 17
S 18	21 4 1	13°57'48	23° 0	4°16	11°20	25°24	3°24	27°10	14°10	25°18	7°14	14° 1	13°55	22° 6	n.a.	S 18
M19	21 7 58	14°56'46	7♐17	4° 6	11°30	26° 0	3°37	27° 6	14°13	25°17	7°13	14° 1	13°52	22°13	n.a.	M19
T 20	21 11 54	15°55'46	21°46	3°49	11°43	26°37	3°50	27° 2	14°15	25°16	7°12	14° 1	13°48	22°20	n.a.	T 20
W21	21 15 51	16°54'49	6♑24	3°24	11°57	27°13	4° 3	26°58	14°17	25°15	7°11	14° 1	13°45	22°27	n.a.	W21
T 22	21 19 47	17°53'53	21° 4	2°52	12°13	27°49	4°16	26°53	14°20	25°14	7°10	14° 2	13°42	22°33	n.a.	T 22
F 23	21 23 44	18°52'59	5♒42	2°13	12°32	28°26	4°28	26°49	14°22	25°13	7° 9	14° 2	13°39	22°40	n.a.	F 23
S 24	21 27 40	19°52'07	20°10	1°26	12°52	29° 2	4°41	26°45	14°25	25°12	7° 8	14°R 2	13°36	22°47	n.a.	S 24
S 25	21 31 37	20°51'18	4♓23	0°32	13°14	29°38	4°54	26°41	14°27	25°12	7° 7	14° 1	13°33	22°53	n.a.	S 25
M26	21 35 33	21°50'30	18°16	29♌32	13°38	0♋14	5° 7	26°37	14°30	25°11	7° 6	14° 1	13°29	23° 0	n.a.	M26
T 27	21 39 30	22°49'45	1♈46	28°28	14° 4	0°50	5°20	26°33	14°32	25°10	7° 5	14° 0	13°26	23° 7	n.a.	T 27
W28	21 43 26	23°49'02	14°54	27°20	14°31	1°26	5°32	26°29	14°35	25°10	7° 3	13°59	13°23	23°13	n.a.	W28
T 29	21 47 23	24°48'22	27°39	26°10	15° 0	2° 2	5°45	26°26	14°38	25° 9	7° 2	13°57	13°20	23°20	n.a.	T 29
F 30	21 51 20	25°47'44	10♉ 5	24°59	15°31	2°38	5°58	26°22	14°40	25° 8	7° 1	13°56	13°17	23°27	n.a.	F 30
S 31	21 55 16	26♌47'09	22♉16	23♌51	16♋ 3	3♋13	6♌11	26♏18	14♎43	25♐ 8	7♓ 0	13°D56	13♌13	23♊33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n 2	3n21	4s48	12n13	1s37	15n 2	8s 3	23n32	0n34	21n30	0n58	22s19	1s33	4s59	0n31	23s21	0n24	25s 2	17s33	16n51	16n39	19n16			n.a.
F 2	20 50	7 31	5 9	11 43	1 46	15 6	8 3	23 37	0 35	21 27	0 58	22 20	1 33	5 0	0 31	23 21	0 24	25 3	17 33	16 51	16 40	19 17			n.a.
S 3	20 38	11 18	5 16	11 13	1 55	15 9	8 2	23 41	0 36	21 24	0 58	22 21	1 33	5 0	0 31	23 21	0 24	25 3	17 33	16 51	16 41	19 18			n.a.
S 4	20 25	14 34	5 9	10 44	2 5	15 13	8 0	23 46	0 36	21 21	0 59	22 22	1 33	5 1	0 31	23 21	0 24	25 4	17 34	16 52	16 42	19 19			n.a.
M 5	20 12	17 14	4 49	10 16	2 14	15 18	7 57	23 50	0 37	21 18	0 59	22 23	1 33	5 2	0 31	23 21	0 24	25 4	17 34	16 52	16 43	19 20			n.a.
T 6	19 59	19 9	4 17	9 49	2 23	15 23	7 54	23 54	0 38	21 16	0 59	22 24	1 33	5 3	0 31	23 21	0 24	25 5	17 34	16 53	16 44	19 21			n.a.
W 7	19 46	20 15	3 34	9 23	2 32	15 28	7 50	23 59	0 39	21 13	0 59	22 25	1 33	5 3	0 31	23 21	0 24	25 5	17 34	16 53	16 45	19 22			n.a.
T 8	19 32	20 27	2 41	8 58	2 40	15 34	7 46	24 2	0 39	21 10	0 59	22 26	1 33	5 4	0 31	23 21	0 24	25 6	17 34	16 54	16 46	19 23			n.a.
F 9	19 17	19 43	1 40	8 34	2 49	15 40	7 41	24 6	0 40	21 7	0 59	22 27	1 33	5 5	0 31	23 21	0 24	25 6	17 35	16 54	16 47	19 24			n.a.
S 10	19 3	18 4	0 34	8 12	2 57	15 46	7 35	24 10	0 41	21 4	0 59	22 28	1 33	5 6	0 31	23 21	0 24	25 7	17 35	16 54	16 48	19 25			n.a.
S 11	18 48	15 32	0n34	7 52	3 5	15 53	7 29	24 13	0 42	21 1	0 59	22 29	1 33	5 6	0 31	23 21	0 24	25 8	17 35	16 54	16 49	19 26			n.a.
M12	18 33	12 15	1 42	7 34	3 13	16 0	7 23	24 16	0 42	20 58	0 59	22 30	1 33	5 7	0 31	23 21	0 24	25 8	17 35	16 54	16 50	19 27			n.a.
T 13	18 17	8 21	2 46	7 18	3 20	16 7	7 16	24 19	0 43	20 55	0 59	22 31	1 33	5 8	0 31	23 21	0 24	25 9	17 35	16 54	16 50	19 28			n.a.
W14	18 1	4 1	3 43	7 4	3 27	16 14	7 9	24 22	0 44	20 52	0 59	22 32	1 33	5 9	0 31	23 21	0 24	25 9	17 36	16 54	16 51	19 29			n.a.
T 15	17 45	0s36	4 29	6 52	3 33	16 21	7 2	24 25	0 45	20 49	0 59	22 33	1 34	5 10	0 31	23 21	0 24	25 10	17 36	16 53	16 52	19 30			n.a.
F 16	17 28	5 15	5 1	6 43	3 38	16 28	6 54	24 27	0 45	20 46	0 59	22 34	1 34	5 11	0 31	23 21	0 24	25 10	17 36	16 53	16 53	19 31			n.a.
S 17	17 11	9 44	5 16	6 38	3 43	16 36	6 46	24 29	0 46	20 44	1 0	22 35	1 34	5 12	0 31	23 21	0 24	25 11	17 36	16 53	16 54	19 32			n.a.
S 18	16 54	13 46	5 14	6 36	3 46	16 43	6 38	24 32	0 47	20 41	1 0	22 36	1 34	5 12	0 31	23 21	0 24	25 11	17 36	16 53	16 55	19 33			n.a.
M19	16 37	17 5	4 52	6 37	3 49	16 51	6 30	24 33	0 48	20 38	1 0	22 36	1 34	5 13	0 31	23 21	0 24	25 12	17 36	16 53	16 56	19 34			n.a.
T 20	16 19	19 23	4 11	6 42	3 50	16 58	6 21	24 35	0 48	20 35	1 0	22 37	1 34	5 14	0 31	23 21	0 24	25 13	17 37	16 53	16 57	19 35			n.a.
W21	16 1	20 26	3 14	6 51	3 50	17 6	6 13	24 37	0 49	20 32	1 0	22 38	1 34	5 15	0 30	23 21	0 24	25 13	17 37	16 53	16 58	19 36			n.a.
T 22	15 43	20 6	2 4	7 4	3 48	17 13	6 4	24 38	0 50	20 28	1 0	22 39	1 34	5 16	0 30	23 21	0 24	25 14	17 37	16 53	16 59	19 37			n.a.
F 23	15 24	18 24	0 46	7 22	3 45	17 20	5 55	24 40	0 51	20 25	1 0	22 40	1 34	5 17	0 30	23 21	0 24	25 14	17 37	16 53	17 0	19 37			n.a.
S 24	15 6	15 32	0s34	7 43	3 40	17 27	5 46	24 41	0 51	20 22	1 0	22 41	1 34	5 18	0 30	23 21	0 24	25 15	17 37	16 53	17 1	19 38			n.a.
S 25	14 47	11 46	1 51	8 9	3 33	17 34	5 37	24 42	0 52	20 19	1 0	22 41	1 34	5 19	0 30	23 21	0 24	25 15	17 37	16 53	17 2	19 39			n.a.
M26	14 27	7 27	2 59	8 39	3 24	17 41	5 28	24 43	0 53	20 16	1 0	22 42	1 34	5 20	0 30	23 21	0 24	25 16	17 37	16 53	17 3	19 40			n.a.
T 27	14 8	2 52	3 55	9 12	3 13	17 47	5 19	24 43	0 54	20 13	1 0	22 43	1 34	5 21	0 30	23 21	0 24	25 16	17 37	16 54	17 4	19 41			n.a.
W28	13 48	1n43	4 37	9 47	2 59	17 53	5 10	24 44	0 54	20 10	1 1	22 44	1 34	5 22	0 30	23 21	0 24	25 17	17 37	16 54	17 4	19 42			n.a.
T 29	13 28	6 5	5 4	10 25	2 45	17 59	5 0	24 44	0 55	20 7	1 1	22 45	1 34	5 24	0 30	23 21	0 24	25 17	17 37	16 54	17 5	19 43			n.a.
F 30	13 8	10 5	5 16	11 5	2 28	18 5	4 51	24 44	0 56	20 4	1 1	22 45	1 34	5 25	0 30	23 21	0 23	25 18	17 38	16 55	17 6	19 44			n.a.
S 31	12n47	13n35	5s13	11n45	2s10	18n11	4s42	24n44	0n57	20n 1	1n 1	22s46	1s34	5s26	0n30	23s21	0n23	25s18	17s38	16n55	17n 7	19n45			n.a.

Julian Day Number = 1309268.5, Delta T = 07h43m07s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'06, Lahiri = -19°32'06 Julian Calendar 1 Aug. 1129 BCE == Greg. Calendar 21 July 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

SEPTEMBER 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 13	27♌46'36	4♊15	22°R46	16♋36	3♋49	6♌23	26°R15	14♎46	25°R 7	6°R59	13♌56	13♌10	23♊40	n.a.	S 1
M 2	22 3 9	28°46'05	16° 7	21♌47	17°11	4°25	6°36	26♏11	14°49	25♐ 7	6♓58	13°56	13° 7	23°47	n.a.	M 2
T 3	22 7 6	29°45'37	27°58	20°55	17°47	5° 0	6°48	26° 8	14°52	25° 6	6°57	13°58	13° 4	23°54	n.a.	T 3
W 4	22 11 2	0♍45'12	9♋51	20°11	18°25	5°36	7° 1	26° 4	14°55	25° 6	6°55	13°59	13° 1	24° 0	n.a.	W 4
T 5	22 14 59	1°44'48	21°51	19°38	19° 3	6°11	7°13	26° 1	14°58	25° 5	6°54	14° 1	12°58	24° 7	n.a.	T 5
F 6	22 18 55	2°44'28	4♌ 1	19°14	19°43	6°47	7°26	25°58	15° 1	25° 5	6°53	14° 2	12°54	24°14	n.a.	F 6
S 7	22 22 52	3°44'09	16°25	19° 2	20°24	7°22	7°38	25°54	15° 4	25° 5	6°52	14°R 2	12°51	24°20	n.a.	S 7
S 8	22 26 49	4°43'53	29° 2	19°D 1	21° 7	7°57	7°51	25°51	15° 7	25° 4	6°51	14° 1	12°48	24°27	n.a.	S 8
M 9	22 30 45	5°43'38	11♍56	19°11	21°50	8°32	8° 3	25°48	15°10	25° 4	6°50	13°59	12°45	24°34	n.a.	M 9
T 10	22 34 42	6°43'26	25° 5	19°31	22°34	9° 7	8°15	25°45	15°13	25° 4	6°49	13°57	12°42	24°40	n.a.	T 10
W11	22 38 38	7°43'16	8♎28	20° 2	23°19	9°42	8°27	25°42	15°16	25° 4	6°47	13°53	12°39	24°47	n.a.	W11
T 12	22 42 35	8°43'08	22° 5	20°41	24° 6	10°17	8°39	25°40	15°19	25° 3	6°46	13°49	12°35	24°54	n.a.	T 12
F 13	22 46 31	9°43'01	5♏52	21°29	24°53	10°52	8°52	25°37	15°22	25° 3	6°45	13°46	12°32	25° 0	n.a.	F 13
S 14	22 50 28	10°42'57	19°49	22°25	25°41	11°27	9° 4	25°34	15°25	25° 3	6°44	13°43	12°29	25° 7	n.a.	S 14
S 15	22 54 24	11°42'54	3♐52	23°27	26°30	12° 2	9°16	25°32	15°29	25° 3	6°43	13°42	12°26	25°14	n.a.	S 15
M16	22 58 21	12°42'53	18° 1	24°36	27°19	12°36	9°28	25°30	15°32	25° 3	6°42	13°D42	12°23	25°20	n.a.	M16
T 17	23 2 17	13°42'54	2♑13	25°50	28°10	13°11	9°40	25°27	15°35	25°D 3	6°40	13°43	12°19	25°27	n.a.	T 17
W18	23 6 14	14°42'57	16°26	27° 8	29° 1	13°45	9°51	25°25	15°39	25° 3	6°39	13°44	12°16	25°34	n.a.	W18
T 19	23 10 11	15°43'01	0♒39	28°30	29°53	14°19	10° 3	25°23	15°42	25° 3	6°38	13°45	12°13	25°41	n.a.	T 19
F 20	23 14 7	16°43'08	14°49	29°56	0♌46	14°54	10°15	25°21	15°45	25° 3	6°37	13°R46	12°10	25°47	n.a.	F 20
S 21	23 18 4	17°43'15	28°51	1♍24	1°39	15°28	10°26	25°19	15°49	25° 3	6°36	13°45	12° 7	25°54	n.a.	S 21
S 22	23 22 0	18°43'25	12♓43	2°54	2°33	16° 2	10°38	25°17	15°52	25° 3	6°35	13°42	12° 4	26° 1	n.a.	S 22
M23	23 25 57	19°43'37	26°21	4°27	3°28	16°36	10°50	25°15	15°55	25° 4	6°34	13°38	12° 0	26° 7	n.a.	M23
T 24	23 29 53	20°43'50	9♈42	6° 0	4°24	17°10	11° 1	25°14	15°59	25° 4	6°32	13°32	11°57	26°14	n.a.	T 24
W25	23 33 50	21°44'06	22°45	7°35	5°20	17°44	11°12	25°12	16° 2	25° 4	6°31	13°25	11°54	26°21	n.a.	W25
T 26	23 37 46	22°44'24	5♉29	9°11	6°16	18°18	11°24	25°11	16° 6	25° 4	6°30	13°18	11°51	26°27	n.a.	T 26
F 27	23 41 43	23°44'44	17°55	10°48	7°13	18°51	11°35	25° 9	16° 9	25° 5	6°29	13°12	11°48	26°34	n.a.	F 27
S 28	23 45 39	24°45'06	0♊ 7	12°25	8°11	19°25	11°46	25° 8	16°13	25° 5	6°28	13° 8	11°45	26°41	n.a.	S 28
S 29	23 49 36	25°45'30	12° 6	14° 3	9° 9	19°58	11°57	25° 7	16°16	25° 5	6°27	13° 5	11°41	26°47	n.a.	S 29
M30	23 53 33	26♍45'56	23♊58	15♍40	10♌ 8	20♋32	12♌ 8	25♏ 6	16♎20	25♐ 6	6♓26	13°D 3	11♌38	26♊54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n26	16n28	4s57	12n24	1s51	18n16	4s33	24n44	0n58	19n58	1n 1	22s47	1s34	5s27	0n30	23s21	0n23	25s19	17s38	16n55	17n 8	19n46		n.a.
M 2	12 5	18 39	4 28	13 3	1 31	18 20	4 24	24 44	0 58	19 55	1 1	22 47	1 34	5 28	0 30	23 21	0 23	25 19	17 38	16 55	17 9	19 47		n.a.
T 3	11 44	20 1	3 48	13 39	1 11	18 25	4 15	24 43	0 59	19 52	1 1	22 48	1 34	5 29	0 30	23 21	0 23	25 20	17 38	16 54	17 10	19 47		n.a.
W 4	11 23	20 30	2 58	14 12	0 51	18 29	4 6	24 42	1 0	19 48	1 1	22 49	1 34	5 30	0 30	23 21	0 23	25 20	17 38	16 54	17 11	19 48		n.a.
T 5	11 1	20 3	2 0	14 41	0 31	18 32	3 57	24 42	1 1	19 45	1 2	22 49	1 34	5 32	0 30	23 21	0 23	25 21	17 38	16 53	17 12	19 49		n.a.
F 6	10 40	18 40	0 55	15 7	0 12	18 36	3 48	24 41	1 2	19 42	1 2	22 50	1 34	5 33	0 30	23 21	0 23	25 21	17 38	16 53	17 13	19 50		n.a.
S 7	10 18	16 23	0n13	15 28	0n 7	18 38	3 39	24 40	1 2	19 39	1 2	22 50	1 34	5 34	0 30	23 21	0 23	25 22	17 38	16 53	17 14	19 51		n.a.
S 8	9 56	13 16	1 22	15 44	0 24	18 41	3 30	24 38	1 3	19 36	1 2	22 51	1 34	5 35	0 30	23 21	0 23	25 22	17 38	16 53	17 15	19 52		n.a.
M 9	9 34	9 28	2 28	15 56	0 39	18 43	3 22	24 37	1 4	19 33	1 2	22 51	1 34	5 36	0 30	23 21	0 23	25 23	17 38	16 54	17 15	19 53		n.a.
T 10	9 11	5 9	3 27	16 3	0 54	18 44	3 13	24 35	1 5	19 30	1 2	22 52	1 33	5 38	0 30	23 21	0 23	25 23	17 38	16 55	17 16	19 54		n.a.
W11	8 49	0 30	4 16	16 6	1 7	18 45	3 4	24 34	1 6	19 27	1 2	22 53	1 33	5 39	0 30	23 21	0 23	25 24	17 38	16 56	17 17	19 54		n.a.
T 12	8 26	4s14	4 52	16 4	1 18	18 45	2 56	24 32	1 7	19 24	1 3	22 53	1 33	5 40	0 30	23 21	0 23	25 24	17 38	16 57	17 18	19 55		n.a.
F 13	8 3	8 49	5 11	15 58	1 28	18 45	2 47	24 30	1 7	19 20	1 3	22 53	1 33	5 41	0 30	23 21	0 23	25 24	17 38	16 58	17 19	19 56		n.a.
S 14	7 40	12 58	5 12	15 47	1 37	18 45	2 39	24 28	1 8	19 17	1 3	22 54	1 33	5 43	0 30	23 21	0 23	25 25	17 38	16 59	17 20	19 57		n.a.
S 15	7 17	16 27	4 55	15 33	1 44	18 44	2 31	24 25	1 9	19 14	1 3	22 54	1 33	5 44	0 30	23 21	0 23	25 25	17 38	16 59	17 21	19 58		n.a.
M16	6 54	18 58	4 19	15 16	1 50	18 42	2 23	24 23	1 10	19 11	1 3	22 55	1 33	5 45	0 30	23 21	0 23	25 26	17 38	16 59	17 22	19 59		n.a.
T 17	6 30	20 20	3 28	14 55	1 55	18 40	2 15	24 20	1 11	19 8	1 3	22 55	1 33	5 47	0 30	23 21	0 23	25 26	17 38	16 59	17 23	19 59		n.a.
W18	6 7	20 25	2 24	14 31	1 59	18 37	2 7	24 18	1 12	19 5	1 3	22 55	1 33	5 48	0 30	23 21	0 23	25 27	17 38	16 58	17 24	20 0		n.a.
T 19	5 43	19 11	1 11	14 4	2 1	18 34	1 59	24 15	1 13	19 2	1 4	22 56	1 33	5 49	0 30	23 21	0 23	25 27	17 38	16 58	17 25	20 1		n.a.
F 20	5 20	16 45	0s 6	13 36	2 3	18 30	1 51	24 12	1 13	18 59	1 4	22 56	1 33	5 50	0 30	23 21	0 23	25 27	17 38	16 58	17 25	20 2		n.a.
S 21	4 56	13 20	1 21	13 4	2 4	18 26	1 44	24 9	1 14	18 56	1 4	22 56	1 33	5 52	0 30	23 21	0 23	25 28	17 37	16 58	17 26	20 3		n.a.
S 22	4 32	9 13	2 31	12 31	2 4	18 21	1 36	24 5	1 15	18 53	1 4	22 57	1 33	5 53	0 30	23 21	0 23	25 28	17 37	16 59	17 27	20 4		n.a.
M23	4 8	4 42	3 31	11 56	2 3	18 16	1 29	24 2	1 16	18 50	1 4	22 57	1 33	5 55	0 30	23 21	0 23	25 28	17 37	17 0	17 28	20 4		n.a.
T 24	3 44	0 2	4 18	11 20	2 1	18 10	1 21	23 59	1 17	18 47	1 4	22 57	1 33	5 56	0 30	23 21	0 23	25 29	17 37	17 2	17 29	20 5		n.a.
W25	3 20	4n30	4 50	10 42	1 59	18 3	1 14	23 55	1 18	18 44	1 5	22 57	1 33	5 57	0 30	23 21	0 23	25 29	17 37	17 4	17 30	20 6		n.a.
T 26	2 56	8 44	5 7	10 3	1 57	17 56	1 7	23 51	1 19	18 41	1 5	22 58	1 33	5 59	0 30	23 21	0 23	25 29	17 37	17 6	17 31	20 7		n.a.
F 27	2 31	12 30	5 9	9 23	1 54	17 48	1 0	23 47	1 20	18 38	1 5	22 58	1 33	6 0	0 30	23 21	0 23	25 30	17 37	17 8	17 32	20 8		n.a.
S 28	2 7	15 40	4 57	8 42	1 50	17 40	0 53	23 43	1 21	18 35	1 5	22 58	1 32	6 1	0 30	23 21	0 23	25 30	17 37	17 9	17 33	20 8		n.a.
S 29	1 43	18 8	4 31	8 0	1 46	17 31	0 46	23 39	1 21	18 32	1 5	22 58	1 32	6 3	0 30	23 21	0 23	25 30	17 37	17 10	17 34	20 9		n.a.
M30	1n18	19n47	3s55	7n18	1n42	17n21	0s40	23n35	1n22	18n29	1n 5	22s58	1s32	6s 4	0n30	23s21	0n23	25s31	17s37	17n10	17n34	20n10		n.a.

Julian Day Number = 1309299.5, Delta T = 07h43m05s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°39'02, Lahiri = -19°32'02 Julian Calendar 1 Sept. 1129 BCE == Greg. Calendar 21 Aug. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

OCTOBER 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 57 29	27♍46'24	5♋48	17♍18	11♌ 7	21♋ 5	12♌19	25°R 5	16♎24	25♐ 6	6°R25	13♌ 4	11♌35	27♊ 1	n.a.	T 1
W 2	0 1 26	28°46'54	17°41	18°56	12° 7	21°38	12°30	25♑ 4	16°27	25° 7	6♓24	13° 5	11°32	27° 7	n.a.	W 2
T 3	0 5 22	29°47'26	29°42	20°34	13° 7	22°11	12°41	25° 4	16°31	25° 7	6°23	13° 6	11°29	27°14	n.a.	T 3
F 4	0 9 19	0♎48'01	11♌56	22°12	14° 8	22°44	12°52	25° 3	16°34	25° 8	6°22	13°R 7	11°25	27°21	n.a.	F 4
S 5	0 13 15	1°48'37	24°26	23°50	15° 9	23°17	13° 2	25° 3	16°38	25° 8	6°20	13° 6	11°22	27°27	n.a.	S 5
S 6	0 17 12	2°49'15	7♍17	25°27	16°10	23°50	13°13	25° 2	16°42	25° 9	6°19	13° 4	11°19	27°34	n.a.	S 6
M 7	0 21 8	3°49'54	20°28	27° 4	17°12	24°23	13°23	25° 2	16°45	25°10	6°18	12°58	11°16	27°41	n.a.	M 7
T 8	0 25 5	4°50'36	4♎ 1	28°41	18°15	24°55	13°34	25° 2	16°49	25°10	6°17	12°51	11°13	27°48	n.a.	T 8
W 9	0 29 2	5°51'19	17°52	0♎18	19°17	25°28	13°44	25°D 2	16°53	25°11	6°16	12°42	11°10	27°54	n.a.	W 9
T 10	0 32 58	6°52'03	1♏57	1°55	20°20	26° 0	13°54	25° 2	16°56	25°12	6°15	12°33	11° 6	28° 1	n.a.	T 10
F 11	0 36 55	7°52'49	16°12	3°31	21°24	26°33	14° 4	25° 2	17° 0	25°13	6°14	12°24	11° 3	28° 8	n.a.	F 11
S 12	0 40 51	8°53'36	0♐31	5° 7	22°27	27° 5	14°14	25° 2	17° 4	25°13	6°13	12°17	11° 0	28°14	n.a.	S 12
S 13	0 44 48	9°54'25	14°49	6°43	23°32	27°37	14°24	25° 2	17° 7	25°14	6°13	12°12	10°57	28°21	n.a.	S 13
M14	0 48 44	10°55'14	29° 3	8°19	24°36	28° 8	14°34	25° 3	17°11	25°15	6°12	12° 9	10°54	28°28	n.a.	M14
T 15	0 52 41	11°56'05	13♑10	9°55	25°41	28°40	14°43	25° 3	17°15	25°16	6°11	12°D 8	10°50	28°34	n.a.	T 15
W16	0 56 37	12°56'57	27°10	11°30	26°46	29°12	14°53	25° 4	17°19	25°17	6°10	12° 9	10°47	28°41	n.a.	W16
T 17	1 0 34	13°57'50	11♒ 3	13° 5	27°51	29°43	15° 2	25° 5	17°22	25°18	6° 9	12°R 9	10°44	28°48	n.a.	T 17
F 18	1 4 31	14°58'44	24°46	14°40	28°56	0♌15	15°12	25° 6	17°26	25°19	6° 8	12° 9	10°41	28°54	n.a.	F 18
S 19	1 8 27	15°59'39	8♓22	16°15	0♍ 2	0°46	15°21	25° 7	17°30	25°20	6° 7	12° 6	10°38	29° 1	n.a.	S 19
S 20	1 12 24	17° 0'35	21°48	17°49	1° 8	1°17	15°30	25° 8	17°33	25°21	6° 6	12° 0	10°35	29° 8	n.a.	S 20
M21	1 16 20	18° 1'32	5♈ 3	19°24	2°15	1°48	15°39	25° 9	17°37	25°22	6° 5	11°52	10°31	29°14	n.a.	M21
T 22	1 20 17	19° 2'30	18° 6	20°58	3°22	2°19	15°48	25°11	17°41	25°23	6° 5	11°41	10°28	29°21	n.a.	T 22
W23	1 24 13	20° 3'30	0♉55	22°32	4°28	2°49	15°57	25°12	17°45	25°25	6° 4	11°28	10°25	29°28	n.a.	W23
T 24	1 28 10	21° 4'30	13°30	24° 6	5°36	3°20	16° 5	25°14	17°48	25°26	6° 3	11°15	10°22	29°34	n.a.	T 24
F 25	1 32 6	22° 5'32	25°52	25°41	6°43	3°50	16°14	25°15	17°52	25°27	6° 2	11° 3	10°19	29°41	n.a.	F 25
S 26	1 36 3	23° 6'35	8♊ 0	27°15	7°51	4°21	16°22	25°17	17°56	25°28	6° 2	10°53	10°16	29°48	n.a.	S 26
S 27	1 40 0	24° 7'40	19°58	28°49	8°58	4°51	16°31	25°19	18° 0	25°30	6° 1	10°45	10°12	29°54	n.a.	S 27
M28	1 43 56	25° 8'45	1♋48	0♏23	10° 7	5°21	16°39	25°21	18° 3	25°31	6° 0	10°40	10° 9	0♋ 1	n.a.	M28
T 29	1 47 53	26° 9'52	13°37	1°57	11°15	5°50	16°47	25°23	18° 7	25°32	5°59	10°37	10° 6	0° 8	n.a.	T 29
W30	1 51 49	27°11'00	25°27	3°31	12°23	6°20	16°55	25°25	18°11	25°34	5°59	10°D37	10° 3	0°14	n.a.	W30
T 31	1 55 46	28♎12'09	7♌26	5♏ 5	13♍32	6♌49	17♌ 3	25♑27	18♎14	25♐35	5♓58	10°R37	10♌ 0	0♋21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n54	20n34	3s 8	6n35	1n37	17n11	0s33	23n31	1n23	18n26	1n 6	22s58	1s32	6s 6	0n30	23s21	0n23	25s31	17s36	17n10	17n35	20n11			n.a.
W 2	0 30	20 26	2 13	5 51	1 32	17 1	0 27	23 27	1 24	18 23	1 6	22 58	1 32	6 7	0 30	23 22	0 23	25 31	17 36	17 10	17 36	20 11			n.a.
T 3	0 5	19 22	1 12	5 8	1 27	16 49	0 20	23 22	1 25	18 20	1 6	22 59	1 32	6 8	0 30	23 22	0 23	25 32	17 36	17 9	17 37	20 12			n.a.
F 4	0s19	17 23	0 6	4 23	1 22	16 38	0 14	23 17	1 26	18 17	1 6	22 59	1 32	6 10	0 29	23 22	0 23	25 32	17 36	17 9	17 38	20 13			n.a.
S 5	0 44	14 32	1n 1	3 39	1 16	16 25	0 8	23 13	1 27	18 14	1 6	22 59	1 32	6 11	0 29	23 22	0 23	25 32	17 36	17 9	17 39	20 14			n.a.
S 6	1 8	10 56	2 6	2 55	1 10	16 12	0 2	23 8	1 28	18 11	1 7	22 59	1 32	6 13	0 29	23 22	0 23	25 32	17 36	17 10	17 40	20 15			n.a.
M 7	1 33	6 41	3 7	2 10	1 4	15 59	0n 3	23 3	1 29	18 8	1 7	22 59	1 32	6 14	0 29	23 22	0 23	25 33	17 35	17 12	17 41	20 15			n.a.
T 8	1 57	2 1	3 59	1 25	0 58	15 45	0 9	22 58	1 30	18 5	1 7	22 59	1 32	6 16	0 29	23 22	0 22	25 33	17 35	17 14	17 42	20 16			n.a.
W 9	2 22	2s51	4 38	0 40	0 52	15 31	0 15	22 53	1 31	18 3	1 7	22 58	1 32	6 17	0 29	23 22	0 22	25 33	17 35	17 16	17 42	20 17			n.a.
T 10	2 46	7 39	5 0	0s 5	0 46	15 16	0 20	22 48	1 32	18 0	1 7	22 58	1 32	6 18	0 29	23 22	0 22	25 33	17 35	17 19	17 43	20 18			n.a.
F 11	3 10	12 5	5 5	0 49	0 39	15 0	0 25	22 42	1 33	17 57	1 8	22 58	1 31	6 20	0 29	23 22	0 22	25 33	17 35	17 21	17 44	20 18			n.a.
S 12	3 35	15 51	4 50	1 34	0 33	14 44	0 31	22 37	1 34	17 54	1 8	22 58	1 31	6 21	0 29	23 22	0 22	25 34	17 34	17 23	17 45	20 19			n.a.
S 13	3 59	18 41	4 18	2 18	0 27	14 27	0 36	22 32	1 35	17 52	1 8	22 58	1 31	6 23	0 29	23 22	0 22	25 34	17 34	17 25	17 46	20 20			n.a.
M14	4 23	20 20	3 29	3 3	0 20	14 10	0 41	22 26	1 36	17 49	1 8	22 58	1 31	6 24	0 29	23 22	0 22	25 34	17 34	17 26	17 47	20 21			n.a.
T 15	4 48	20 42	2 28	3 47	0 14	13 53	0 45	22 20	1 37	17 46	1 8	22 58	1 31	6 26	0 29	23 22	0 22	25 34	17 34	17 26	17 48	20 21			n.a.
W16	5 12	19 46	1 19	4 31	0 7	13 34	0 50	22 15	1 38	17 44	1 9	22 57	1 31	6 27	0 29	23 22	0 22	25 34	17 34	17 26	17 49	20 22			n.a.
T 17	5 36	17 39	0 6	5 14	0 0	13 16	0 55	22 9	1 39	17 41	1 9	22 57	1 31	6 29	0 29	23 22	0 22	25 34	17 33	17 26	17 50	20 23			n.a.
F 18	6 0	14 31	1s 7	5 58	0s 6	12 57	0 59	22 3	1 40	17 38	1 9	22 57	1 31	6 30	0 29	23 22	0 22	25 35	17 33	17 26	17 50	20 23			n.a.
S 19	6 23	10 39	2 15	6 41	0 13	12 37	1 3	21 57	1 41	17 36	1 9	22 57	1 31	6 32	0 29	23 22	0 22	25 35	17 33	17 27	17 51	20 24			n.a.
S 20	6 47	6 17	3 14	7 24	0 19	12 17	1 7	21 51	1 42	17 33	1 10	22 56	1 31	6 33	0 29	23 22	0 22	25 35	17 33	17 28	17 52	20 25			n.a.
M21	7 11	1 40	4 3	8 6	0 25	11 57	1 11	21 45	1 43	17 31	1 10	22 56	1 31	6 34	0 29	23 23	0 22	25 35	17 32	17 31	17 53	20 26			n.a.
T 22	7 34	2n57	4 37	8 48	0 32	11 36	1 15	21 39	1 44	17 28	1 10	22 56	1 31	6 36	0 29	23 23	0 22	25 35	17 32	17 34	17 54	20 26			n.a.
W23	7 58	7 21	4 57	9 30	0 38	11 15	1 19	21 33	1 45	17 26	1 10	22 55	1 30	6 37	0 29	23 23	0 22	25 35	17 32	17 37	17 55	20 27			n.a.
T 24	8 21	11 21	5 1	10 11	0 44	10 53	1 23	21 27	1 46	17 23	1 11	22 55	1 30	6 39	0 29	23 23	0 22	25 35	17 32	17 41	17 56	20 28			n.a.
F 25	8 44	14 48	4 52	10 52	0 50	10 31	1 26	21 21	1 48	17 21	1 11	22 55	1 30	6 40	0 29	23 23	0 22	25 35	17 31	17 44	17 57	20 28			n.a.
S 26	9 7	17 34	4 29	11 32	0 56	10 9	1 30	21 14	1 49	17 19	1 11	22 54	1 30	6 42	0 29	23 23	0 22	25 35	17 31	17 47	17 57	20 29			n.a.
S 27	9 30	19 32	3 55	12 11	1 2	9 46	1 33	21 8	1 50	17 16	1 11	22 54	1 30	6 43	0 29	23 23	0 22	25 35	17 31	17 49	17 58	20 30			n.a.
M28	9 53	20 38	3 10	12 51	1 8	9 23	1 36	21 2	1 51	17 14	1 11	22 53	1 30	6 45	0 29	23 23	0 22	25 35	17 30	17 51	17 59	20 30			n.a.
T 29	10 16	20 50	2 18	13 29	1 13	8 59	1 39	20 55	1 52	17 12	1 12	22 53	1 30	6 46	0 29	23 23	0 22	25 35	17 30	17 51	18 0	20 31			n.a.
W30	10 38	20 5	1 20	14 7	1 19	8 35	1 42	20 49	1 53	17 10	1 12	22 52	1 30	6 47	0 29	23 23	0 22	25 35	17 30	17 52	18 1	20 32			n.a.
T 31	11s 0	18n26	0s17	14s45	1s24	8n11	1n45	20n42	1n54	17n 8	1n12	22s52	1s30	6s49	0n29	23s23	0n22	25s35	17s30	17n52	18n 2	20n32			n.a.

Julian Day Number = 1309329.5, Delta T = 07h43m03s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'58, Lahiri = -19°31'58 Julian Calendar 1 Oct. 1129 BCE == Greg. Calendar 20 Sept. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

NOVEMBER 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 59 42	29♎13'19	19♌38	6♏39	14♍41	7♌19	17♌10	25♑30	18♎18	25♐36	5°R57	10°R37	9♌56	0♋28	n.a.	F 1
S 2	2 3 39	0♏14'30	2♍ 9	8°13	15°50	7°48	17°18	25°32	18°22	25°38	5♓57	10♌35	9°53	0°35	n.a.	S 2
S 3	2 7 35	1°15'42	15° 3	9°47	16°59	8°17	17°25	25°35	18°25	25°39	5°56	10°31	9°50	0°41	n.a.	S 3
M 4	2 11 32	2°16'55	28°24	11°21	18° 9	8°46	17°32	25°37	18°29	25°41	5°56	10°24	9°47	0°48	n.a.	M 4
T 5	2 15 29	3°18'09	12♎10	12°55	19°18	9°14	17°39	25°40	18°33	25°42	5°55	10°14	9°44	0°55	n.a.	T 5
W 6	2 19 25	4°19'24	26°21	14°29	20°28	9°42	17°46	25°43	18°36	25°44	5°55	10° 3	9°41	1° 1	n.a.	W 6
T 7	2 23 22	5°20'39	10♏52	16° 3	21°38	10°11	17°53	25°46	18°40	25°46	5°54	9°50	9°37	1° 8	n.a.	T 7
F 8	2 27 18	6°21'55	25°35	17°37	22°48	10°39	18° 0	25°49	18°43	25°47	5°54	9°38	9°34	1°15	n.a.	F 8
S 9	2 31 15	7°23'11	10♐22	19°11	23°58	11° 6	18° 6	25°52	18°47	25°49	5°53	9°28	9°31	1°21	n.a.	S 9
S 10	2 35 11	8°24'28	25° 5	20°45	25° 8	11°34	18°13	25°55	18°51	25°51	5°53	9°20	9°28	1°28	n.a.	S 10
M11	2 39 8	9°25'45	9♑38	22°19	26°19	12° 1	18°19	25°59	18°54	25°52	5°52	9°16	9°25	1°35	n.a.	M11
T 12	2 43 4	10°27'02	23°55	23°53	27°29	12°28	18°25	26° 2	18°58	25°54	5°52	9°14	9°21	1°41	n.a.	T 12
W13	2 47 1	11°28'19	7♒57	25°26	28°40	12°55	18°31	26° 6	19° 1	25°56	5°51	9°13	9°18	1°48	n.a.	W13
T 14	2 50 58	12°29'36	21°42	26°59	29°51	13°22	18°37	26°10	19° 5	25°57	5°51	9°13	9°15	1°55	n.a.	T 14
F 15	2 54 54	13°30'53	5♓12	28°31	1♎ 1	13°48	18°42	26°13	19° 8	25°59	5°51	9°12	9°12	2° 1	n.a.	F 15
S 16	2 58 51	14°32'10	18°29	0♐ 3	2°13	14°15	18°48	26°17	19°12	26° 1	5°50	9° 8	9° 9	2° 8	n.a.	S 16
S 17	3 2 47	15°33'27	1♈33	1°34	3°24	14°41	18°53	26°21	19°15	26° 3	5°50	9° 2	9° 6	2°15	n.a.	S 17
M18	3 6 44	16°34'44	14°26	3° 4	4°35	15° 6	18°58	26°25	19°19	26° 5	5°50	8°52	9° 2	2°21	n.a.	M18
T 19	3 10 40	17°36'01	27° 8	4°33	5°46	15°32	19° 3	26°29	19°22	26° 7	5°49	8°40	8°59	2°28	n.a.	T 19
W20	3 14 37	18°37'17	9♉39	6° 1	6°58	15°57	19° 8	26°33	19°25	26° 8	5°49	8°26	8°56	2°35	n.a.	W20
T 21	3 18 34	19°38'34	22° 1	7°26	8° 9	16°22	19°12	26°38	19°29	26°10	5°49	8°12	8°53	2°41	n.a.	T 21
F 22	3 22 30	20°39'51	4♊12	8°50	9°21	16°47	19°17	26°42	19°32	26°12	5°49	7°58	8°50	2°48	n.a.	F 22
S 23	3 26 27	21°41'08	16°14	10°12	10°33	17°12	19°21	26°46	19°35	26°14	5°49	7°46	8°47	2°55	n.a.	S 23
S 24	3 30 23	22°42'25	28° 8	11°31	11°44	17°36	19°25	26°51	19°39	26°16	5°48	7°37	8°43	3° 1	n.a.	S 24
M25	3 34 20	23°43'42	9♋57	12°46	12°56	18° 0	19°29	26°55	19°42	26°18	5°48	7°31	8°40	3° 8	n.a.	M25
T 26	3 38 16	24°44'59	21°44	13°57	14° 8	18°23	19°33	27° 0	19°45	26°20	5°48	7°28	8°37	3°15	n.a.	T 26
W27	3 42 13	25°46'16	3♌33	15° 4	15°21	18°47	19°36	27° 5	19°48	26°22	5°48	7°D26	8°34	3°21	n.a.	W27
T 28	3 46 9	26°47'33	15°30	16° 6	16°33	19°10	19°40	27°10	19°52	26°24	5°48	7°26	8°31	3°28	n.a.	T 28
F 29	3 50 6	27°48'50	27°38	17° 1	17°45	19°33	19°43	27°15	19°55	26°26	5°48	7°R27	8°27	3°35	n.a.	F 29
S 30	3 54 3	28♏50'07	10♍ 5	17♐50	18♎57	19♌55	19♌46	27♑20	19♎58	26♐28	5°D48	7♌26	8♌24	3♋41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11 s22	15n55	0n48	15 s21	1 s29	7n46	1n47	20n36	1n55	17n 5	1n13	22 s51	1 s30	6 s50	0n29	23 s23	0n22	25 s35	17 s29	17n52	18n 3	20n33		n.a.
S 2	11 44	12 36	1 52	15 57	1 34	7 21	1 50	20 29	1 57	17 3	1 13	22 51	1 30	6 52	0 29	23 23	0 22	25 35	17 29	17 52	18 3	20 34		n.a.
S 3	12 6	8 36	2 52	16 32	1 39	6 56	1 52	20 23	1 58	17 1	1 13	22 50	1 30	6 53	0 29	23 23	0 22	25 35	17 29	17 53	18 4	20 34		n.a.
M 4	12 28	4 4	3 44	17 7	1 43	6 31	1 54	20 16	1 59	16 59	1 13	22 50	1 29	6 55	0 29	23 24	0 22	25 35	17 28	17 55	18 5	20 35		n.a.
T 5	12 49	0 s49	4 26	17 40	1 47	6 5	1 56	20 10	2 0	16 57	1 14	22 49	1 29	6 56	0 29	23 24	0 22	25 35	17 28	17 58	18 6	20 36		n.a.
W 6	13 10	5 48	4 52	18 13	1 51	5 39	1 58	20 3	2 1	16 55	1 14	22 48	1 29	6 57	0 29	23 24	0 22	25 35	17 28	18 1	18 7	20 36		n.a.
T 7	13 31	10 35	5 0	18 45	1 55	5 13	2 0	19 57	2 3	16 54	1 14	22 48	1 29	6 59	0 29	23 24	0 22	25 35	17 27	18 4	18 8	20 37		n.a.
F 8	13 52	14 48	4 49	19 15	1 58	4 46	2 2	19 50	2 4	16 52	1 14	22 47	1 29	7 0	0 29	23 24	0 22	25 35	17 27	18 8	18 9	20 38		n.a.
S 9	14 12	18 6	4 18	19 45	2 2	4 19	2 4	19 43	2 5	16 50	1 15	22 46	1 29	7 1	0 29	23 24	0 22	25 35	17 27	18 10	18 10	20 38		n.a.
S 10	14 32	20 14	3 31	20 14	2 4	3 52	2 5	19 37	2 6	16 48	1 15	22 46	1 29	7 3	0 29	23 24	0 22	25 34	17 26	18 12	18 10	20 39		n.a.
M11	14 52	20 59	2 30	20 41	2 7	3 25	2 7	19 30	2 8	16 46	1 15	22 45	1 29	7 4	0 29	23 24	0 22	25 34	17 26	18 14	18 11	20 39		n.a.
T 12	15 12	20 22	1 20	21 7	2 9	2 58	2 8	19 24	2 9	16 45	1 15	22 44	1 29	7 6	0 29	23 24	0 22	25 34	17 26	18 14	18 12	20 40		n.a.
W13	15 31	18 28	0 7	21 32	2 10	2 30	2 9	19 17	2 10	16 43	1 16	22 43	1 29	7 7	0 29	23 24	0 22	25 34	17 25	18 14	18 13	20 41		n.a.
T 14	15 50	15 32	1 s 6	21 56	2 11	2 3	2 10	19 10	2 11	16 42	1 16	22 43	1 29	7 8	0 29	23 24	0 22	25 34	17 25	18 14	18 14	20 41		n.a.
F 15	16 9	11 48	2 13	22 18	2 12	1 35	2 11	19 4	2 13	16 40	1 16	22 42	1 29	7 10	0 29	23 24	0 22	25 34	17 25	18 15	18 15	20 42		n.a.
S 16	16 28	7 33	3 11	22 38	2 12	1 7	2 12	18 57	2 14	16 39	1 17	22 41	1 28	7 11	0 29	23 24	0 22	25 33	17 24	18 16	18 16	20 42		n.a.
S 17	16 46	3 1	3 59	22 57	2 12	0 39	2 13	18 51	2 15	16 37	1 17	22 40	1 28	7 12	0 29	23 24	0 22	25 33	17 24	18 17	18 16	20 43		n.a.
M18	17 4	1n35	4 34	23 15	2 11	0 11	2 13	18 44	2 17	16 36	1 17	22 39	1 28	7 14	0 29	23 25	0 22	25 33	17 24	18 20	18 17	20 44		n.a.
T 19	17 21	6 3	4 54	23 30	2 9	0 s17	2 14	18 38	2 18	16 35	1 17	22 38	1 28	7 15	0 29	23 25	0 22	25 33	17 23	18 23	18 18	20 44		n.a.
W20	17 39	10 12	5 0	23 44	2 7	0 46	2 14	18 31	2 19	16 33	1 18	22 38	1 28	7 16	0 29	23 25	0 22	25 33	17 23	18 27	18 19	20 45		n.a.
T 21	17 56	13 52	4 52	23 56	2 4	1 14	2 14	18 25	2 21	16 32	1 18	22 37	1 28	7 17	0 29	23 25	0 21	25 32	17 22	18 31	18 20	20 45		n.a.
F 22	18 12	16 55	4 30	24 6	2 0	1 43	2 14	18 19	2 22	16 31	1 18	22 36	1 28	7 19	0 29	23 25	0 21	25 32	17 22	18 34	18 21	20 46		n.a.
S 23	18 29	19 11	3 56	24 14	1 55	2 11	2 14	18 13	2 24	16 30	1 19	22 35	1 28	7 20	0 29	23 25	0 21	25 32	17 22	18 37	18 21	20 47		n.a.
S 24	18 45	20 36	3 12	24 20	1 49	2 40	2 14	18 6	2 25	16 29	1 19	22 34	1 28	7 21	0 29	23 25	0 21	25 31	17 21	18 40	18 22	20 47		n.a.
M25	19 0	21 7	2 20	24 24	1 43	3 8	2 14	18 0	2 26	16 28	1 19	22 33	1 28	7 23	0 29	23 25	0 21	25 31	17 21	18 41	18 23	20 48		n.a.
T 26	19 16	20 41	1 23	24 25	1 35	3 37	2 14	17 54	2 28	16 27	1 20	22 32	1 28	7 24	0 29	23 25	0 21	25 31	17 21	18 42	18 24	20 48		n.a.
W27	19 31	19 20	0 21	24 25	1 27	4 5	2 14	17 48	2 29	16 26	1 20	22 31	1 28	7 25	0 29	23 25	0 21	25 31	17 20	18 43	18 25	20 49		n.a.
T 28	19 45	17 8	0n43	24 22	1 17	4 34	2 13	17 42	2 31	16 26	1 20	22 30	1 28	7 26	0 29	23 25	0 21	25 30	17 20	18 43	18 26	20 49		n.a.
F 29	20 0	14 8	1 45	24 17	1 6	5 2	2 13	17 36	2 32	16 25	1 21	22 29	1 28	7 27	0 29	23 25	0 21	25 30	17 20	18 42	18 27	20 50		n.a.
S 30	20 s13	10n27	2n45	24 s 9	0 s54	5 s31	2n12	17n30	2n34	16n24	1n21	22 s28	1 s28	7 s29	0n29	23 s25	0n21	25 s30	17 s19	18n43	18n27	20n50		n.a.

Julian Day Number = 1309360.5, Delta T = 07h43m02s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'54, Lahiri = -19°31'53 Julian Calendar 1 Nov. 1129 BCE == Greg. Calendar 21 Oct. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1129 BCE
geocentric

DECEMBER 1129 BCE (-1128) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 59	29♏51'24	22♍55	18♐30	20♎10	20♌17	19♌49	27♉25	20♎ 1	26♐30	5♓48	7°R24	8♌21	3♋48	n.a.	S 1
M 2	4 1 56	0♐52'40	6♎13	19° 2	21°22	20°39	19°51	27°30	20° 4	26°32	5°48	7♌19	8°18	3°55	n.a.	M 2
T 3	4 5 52	1°53'57	20° 0	19°25	22°35	21° 0	19°54	27°35	20° 7	26°35	5°48	7°11	8°15	4° 1	n.a.	T 3
W 4	4 9 49	2°55'13	4♏15	19°37	23°47	21°21	19°56	27°40	20°10	26°37	5°48	7° 2	8°12	4° 8	n.a.	W 4
T 5	4 13 45	3°56'29	18°57	19°R38	25° 0	21°42	19°58	27°46	20°13	26°39	5°48	6°52	8° 8	4°15	n.a.	T 5
F 6	4 17 42	4°57'44	3♐56	19°27	26°13	22° 3	20° 0	27°51	20°16	26°41	5°48	6°41	8° 5	4°21	n.a.	F 6
S 7	4 21 39	5°58'59	19° 4	19° 4	27°25	22°23	20° 2	27°57	20°19	26°43	5°49	6°33	8° 2	4°28	n.a.	S 7
S 8	4 25 35	7° 0'13	4♉11	18°30	28°38	22°42	20° 3	28° 2	20°22	26°45	5°49	6°26	7°59	4°35	n.a.	S 8
M 9	4 29 32	8° 1'27	19° 7	17°45	29°51	23° 2	20° 5	28° 8	20°25	26°47	5°49	6°23	7°56	4°41	n.a.	M 9
T 10	4 33 28	9° 2'39	3♒45	16°50	1♏ 4	23°20	20° 6	28°14	20°27	26°50	5°49	6°D21	7°53	4°48	n.a.	T 10
W11	4 37 25	10° 3'50	18° 1	15°46	2°17	23°39	20° 7	28°19	20°30	26°52	5°49	6°22	7°49	4°55	n.a.	W11
T 12	4 41 21	11° 5'00	1♓54	14°36	3°30	23°57	20° 8	28°25	20°33	26°54	5°50	6°23	7°46	5° 1	n.a.	T 12
F 13	4 45 18	12° 6'09	15°25	13°21	4°43	24°15	20° 8	28°31	20°35	26°56	5°50	6°R23	7°43	5° 8	n.a.	F 13
S 14	4 49 14	13° 7'17	28°35	12° 4	5°56	24°32	20° 9	28°37	20°38	26°58	5°50	6°22	7°40	5°15	n.a.	S 14
S 15	4 53 11	14° 8'23	11♈28	10°47	7° 9	24°49	20°R 9	28°43	20°41	27° 1	5°51	6°18	7°37	5°21	n.a.	S 15
M16	4 57 8	15° 9'29	24° 7	9°32	8°22	25° 5	20° 9	28°49	20°43	27° 3	5°51	6°12	7°33	5°28	n.a.	M16
T 17	5 1 4	16°10'33	6♉33	8°22	9°35	25°21	20° 9	28°55	20°46	27° 5	5°51	6° 4	7°30	5°35	n.a.	T 17
W18	5 5 1	17°11'36	18°49	7°18	10°48	25°36	20° 8	29° 1	20°48	27° 7	5°52	5°55	7°27	5°41	n.a.	W18
T 19	5 8 57	18°12'38	0♊57	6°22	12° 1	25°51	20° 8	29° 8	20°51	27°10	5°52	5°45	7°24	5°48	n.a.	T 19
F 20	5 12 54	19°13'38	12°57	5°33	13°15	26° 6	20° 7	29°14	20°53	27°12	5°53	5°36	7°21	5°55	n.a.	F 20
S 21	5 16 50	20°14'38	24°52	4°53	14°28	26°20	20° 6	29°20	20°55	27°14	5°53	5°28	7°18	6° 1	n.a.	S 21
S 22	5 20 47	21°15'36	6♋42	4°23	15°41	26°33	20° 5	29°27	20°58	27°16	5°54	5°22	7°14	6° 8	n.a.	S 22
M23	5 24 43	22°16'33	18°30	4° 0	16°54	26°46	20° 3	29°33	21° 0	27°19	5°54	5°18	7°11	6°15	n.a.	M23
T 24	5 28 40	23°17'30	0♌18	3°47	18° 8	26°59	20° 2	29°40	21° 2	27°21	5°55	5°D17	7° 8	6°21	n.a.	T 24
W25	5 32 37	24°18'25	12°10	3°D42	19°21	27°11	20° 0	29°46	21° 4	27°23	5°55	5°17	7° 5	6°28	n.a.	W25
T 26	5 36 33	25°19'18	24° 8	3°44	20°35	27°22	19°58	29°53	21° 7	27°26	5°56	5°18	7° 2	6°35	n.a.	T 26
F 27	5 40 30	26°20'11	6♍17	3°54	21°48	27°33	19°56	29°59	21° 9	27°28	5°56	5°20	6°59	6°41	n.a.	F 27
S 28	5 44 26	27°21'03	18°42	4°10	23° 1	27°43	19°54	0♒ 6	21°11	27°30	5°57	5°21	6°55	6°48	n.a.	S 28
S 29	5 48 23	28°21'53	1♎27	4°33	24°15	27°53	19°51	0°13	21°13	27°32	5°58	5°R21	6°52	6°55	n.a.	S 29
M30	5 52 19	29°22'43	14°37	5° 1	25°28	28° 2	19°49	0°20	21°15	27°35	5°58	5°20	6°49	7° 1	n.a.	M30
T 31	5 56 16	0♉23'31	28♎15	5♐35	26♏42	28♌10	19♌46	0♒27	21♎16	27♐37	5♓59	5♌17	6♌46	7♋ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
S 1	20s27	6n10	3n38	23s59	0s40	5s59	2n11	17n24	2n35	16n24	1n21	22s27	1s28	7s30	0n29	23s26	0n21	25s29	17s19	18n43	18n28	20n51			n.a.	S 1
M 2	20 40	1 28	4 21	23 48	0 26	6 27	2 10	17 19	2 37	16 23	1 21	22 26	1 27	7 31	0 29	23 26	0 21	25 29	17 18	18 45	18 29	20 52			n.a.	M 2
T 3	20 53	3s28	4 50	23 34	0 10	6 55	2 9	17 13	2 38	16 22	1 22	22 24	1 27	7 32	0 29	23 26	0 21	25 29	17 18	18 46	18 30	20 52			n.a.	T 3
W 4	21 5	8 23	5 3	23 18	0n 7	7 24	2 8	17 8	2 40	16 22	1 22	22 23	1 27	7 33	0 29	23 26	0 21	25 28	17 18	18 49	18 31	20 53			n.a.	W 4
T 5	21 17	12 59	4 57	23 0	0 25	7 52	2 7	17 2	2 41	16 22	1 22	22 22	1 27	7 34	0 29	23 26	0 21	25 28	17 17	18 52	18 32	20 53			n.a.	T 5
F 6	21 28	16 51	4 30	22 41	0 43	8 19	2 6	16 57	2 43	16 21	1 23	22 21	1 27	7 35	0 29	23 26	0 21	25 27	17 17	18 54	18 32	20 54			n.a.	F 6
S 7	21 39	19 38	3 45	22 20	1 3	8 47	2 5	16 52	2 45	16 21	1 23	22 20	1 27	7 37	0 29	23 26	0 21	25 27	17 17	18 56	18 33	20 54			n.a.	S 7
S 8	21 50	21 2	2 43	21 57	1 22	9 15	2 3	16 47	2 46	16 21	1 23	22 19	1 27	7 38	0 29	23 26	0 21	25 27	17 16	18 58	18 34	20 55			n.a.	S 8
M 9	22 0	20 56	1 31	21 34	1 42	9 42	2 2	16 42	2 48	16 21	1 24	22 17	1 27	7 39	0 29	23 26	0 21	25 26	17 16	18 59	18 35	20 55			n.a.	M 9
T 10	22 10	19 24	0 14	21 10	2 1	10 9	2 1	16 37	2 49	16 21	1 24	22 16	1 27	7 40	0 29	23 26	0 21	25 26	17 15	18 59	18 36	20 56			n.a.	T 10
W11	22 19	16 40	1s 2	20 45	2 19	10 36	1 59	16 32	2 51	16 21	1 24	22 15	1 27	7 41	0 29	23 26	0 21	25 25	17 15	18 59	18 37	20 56			n.a.	W11
T 12	22 28	13 2	2 13	20 21	2 35	11 3	1 57	16 28	2 53	16 21	1 25	22 14	1 27	7 42	0 29	23 26	0 21	25 25	17 15	18 59	18 37	20 57			n.a.	T 12
F 13	22 37	8 49	3 14	19 57	2 50	11 29	1 56	16 23	2 54	16 21	1 25	22 13	1 27	7 43	0 30	23 26	0 21	25 24	17 14	18 59	18 38	20 57			n.a.	F 13
S 14	22 45	4 17	4 3	19 35	3 3	11 56	1 54	16 19	2 56	16 21	1 25	22 11	1 27	7 44	0 30	23 26	0 21	25 24	17 14	18 59	18 39	20 58			n.a.	S 14
S 15	22 52	0n21	4 39	19 14	3 14	12 22	1 52	16 15	2 58	16 21	1 26	22 10	1 27	7 45	0 30	23 27	0 21	25 24	17 14	19 0	18 40	20 58			n.a.	S 15
M16	22 59	4 51	5 0	18 55	3 22	12 47	1 50	16 11	3 0	16 22	1 26	22 9	1 27	7 46	0 30	23 27	0 21	25 23	17 13	19 2	18 41	20 59			n.a.	M16
T 17	23 6	9 6	5 7	18 38	3 28	13 13	1 48	16 7	3 1	16 22	1 26	22 7	1 27	7 47	0 30	23 27	0 21	25 23	17 13	19 4	18 42	20 59			n.a.	T 17
W18	23 12	12 54	4 59	18 24	3 31	13 38	1 46	16 3	3 3	16 22	1 27	22 6	1 27	7 48	0 30	23 27	0 21	25 22	17 13	19 6	18 42	20 59			n.a.	W18
T 19	23 18	16 9	4 38	18 14	3 33	14 3	1 44	16 0	3 5	16 23	1 27	22 5	1 27	7 49	0 30	23 27	0 21	25 22	17 12	19 8	18 43	21 0			n.a.	T 19
F 20	23 23	18 40	4 5	18 6	3 32	14 27	1 42	15 56	3 7	16 23	1 27	22 3	1 27	7 49	0 30	23 27	0 21	25 21	17 12	19 11	18 44	21 0			n.a.	F 20
S 21	23 28	20 23	3 21	18 2	3 29	14 51	1 39	15 53	3 8	16 24	1 27	22 2	1 27	7 50	0 30	23 27	0 21	25 21	17 11	19 13	18 45	21 1			n.a.	S 21
S 22	23 32	21 11	2 29	18 0	3 25	15 15	1 37	15 50	3 10	16 25	1 28	22 1	1 27	7 51	0 30	23 27	0 21	25 20	17 11	19 14	18 46	21 1			n.a.	S 22
M23	23 36	21 3	1 30	18 1	3 20	15 39	1 35	15 47	3 12	16 25	1 28	21 59	1 27	7 52	0 30	23 27	0 21	25 20	17 11	19 15	18 46	21 2			n.a.	M23
T 24	23 39	19 58	0 27	18 5	3 13	16 2	1 32	15 45	3 14	16 26	1 28	21 58	1 27	7 53	0 30	23 27	0 21	25 19	17 10	19 15	18 47	21 2			n.a.	T 24
W25	23 42	18 1	0n37	18 12	3 5	16 24	1 30	15 42	3 16	16 27	1 29	21 56	1 27	7 54	0 30	23 27	0 21	25 19	17 10	19 15	18 48	21 3			n.a.	W25
T 26	23 45	15 17	1 41	18 21	2 57	16 47	1 27	15 40	3 17	16 28	1 29	21 55	1 27	7 54	0 30	23 27	0 21	25 18	17 10	19 15	18 49	21 3			n.a.	T 26
F 27	23 47	11 50	2 41	18 31	2 48	17 9	1 25	15 38	3 19	16 29	1 29	21 53	1 27	7 55	0 30	23 27	0 21	25 17	17 9	19 15	18 50	21 4			n.a.	F 27
S 28	23 48	7 50	3 35	18 44	2 39	17 30	1 22	15 36	3 21	16 30	1 30	21 52	1 27	7 56	0 30	23 27	0 21	25 17	17 9	19 14	18 51	21 4			n.a.	S 28
S 29	23 49	3 22	4 20	18 57	2 29	17 51	1 20	15 34	3 23	16 31	1 30	21 50	1 27	7 57	0 30	23 27	0 21	25 16	17 9	19 14	18 51	21 4			n.a.	S 29
M30	23 50	1s22	4 52	19 12	2 19	18 12	1 17	15 33	3 25	16 32	1 30	21 49	1 27	7 57	0 30	23 27	0 21	25 16	17 8	19 15	18 52	21 5			n.a.	M30
T 31	23s50	6s12	5n10	19s28	2n 9	18s32	1n15	15n32	3n27	16n33	1n31	21s47	1s27	7s58	0n30	23s27	0n21	25s15	17s 8	19n15	18n53	21n 5			n.a.	T 31

Julian Day Number = 1309390.5, Delta T = 07h43m00s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'50, Lahiri = -19°31'49 Julian Calendar 1 Dec. 1129 BCE == Greg. Calendar 20 Nov. 1129 BCE

The year -1128 astronomical counting style corresponds to year 1129 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

JANUARY 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 0 13	1♉24'18	12♏21	6♐13	27♏55	28♌18	19°R43	0♒33	21♎18	27♐39	6♓ 0	5°R13	6♌43	7♋15	n.a.	W 1
T 2	6 4 9	2°25'03	26°55	6°56	29° 9	28°25	19♌40	0°40	21°20	27°41	6° 0	5♌ 8	6°39	7°21	n.a.	T 2
F 3	6 8 6	3°25'48	11♐52	7°42	0♐23	28°32	19°36	0°47	21°22	27°44	6° 1	5° 3	6°36	7°28	n.a.	F 3
S 4	6 12 2	4°26'31	27° 3	8°33	1°36	28°38	19°33	0°54	21°24	27°46	6° 2	4°59	6°33	7°35	n.a.	S 4
S 5	6 15 59	5°27'13	12♉20	9°27	2°50	28°43	19°29	1° 1	21°25	27°48	6° 3	4°56	6°30	7°41	n.a.	S 5
M 6	6 19 55	6°27'52	27°30	10°23	4° 3	28°47	19°25	1° 8	21°27	27°51	6° 3	4°55	6°27	7°48	n.a.	M 6
T 7	6 23 52	7°28'30	12♒25	11°23	5°17	28°51	19°21	1°15	21°28	27°53	6° 4	4°D55	6°24	7°55	n.a.	T 7
W 8	6 27 48	8°29'07	26°59	12°25	6°31	28°54	19°17	1°22	21°30	27°55	6° 5	4°56	6°20	8° 1	n.a.	W 8
T 9	6 31 45	9°29'41	11♓ 7	13°30	7°44	28°57	19°12	1°30	21°31	27°57	6° 6	4°57	6°17	8° 8	n.a.	T 9
F 10	6 35 42	10°30'13	24°49	14°37	8°58	28°59	19° 8	1°37	21°33	28° 0	6° 7	4°59	6°14	8°15	n.a.	F 10
S 11	6 39 38	11°30'43	8♈ 5	15°46	10°11	29° 0	19° 3	1°44	21°34	28° 2	6° 8	5°R 0	6°11	8°21	n.a.	S 11
S 12	6 43 35	12°31'11	20°59	16°57	11°25	29°R 0	18°58	1°51	21°35	28° 4	6° 9	4°59	6° 8	8°28	n.a.	S 12
M13	6 47 31	13°31'36	3♉33	18°10	12°39	29° 0	18°53	1°58	21°37	28° 6	6° 9	4°58	6° 5	8°35	n.a.	M13
T 14	6 51 28	14°32'00	15°52	19°24	13°52	28°58	18°48	2° 6	21°38	28° 8	6°10	4°56	6° 1	8°41	n.a.	T 14
W15	6 55 24	15°32'22	27°59	20°41	15° 6	28°57	18°42	2°13	21°39	28°11	6°11	4°53	5°58	8°48	n.a.	W15
T 16	6 59 21	16°32'42	9♊57	21°58	16°20	28°54	18°37	2°20	21°40	28°13	6°12	4°50	5°55	8°55	n.a.	T 16
F 17	7 3 17	17°32'59	21°50	23°18	17°33	28°50	18°31	2°28	21°41	28°15	6°13	4°47	5°52	9° 1	n.a.	F 17
S 18	7 7 14	18°33'15	3♋39	24°38	18°47	28°46	18°25	2°35	21°42	28°17	6°14	4°44	5°49	9° 8	n.a.	S 18
S 19	7 11 11	19°33'29	15°28	26° 0	20° 0	28°41	18°20	2°42	21°43	28°19	6°15	4°43	5°45	9°15	n.a.	S 19
M20	7 15 7	20°33'40	27°18	27°24	21°14	28°36	18°14	2°50	21°44	28°21	6°16	4°42	5°42	9°21	n.a.	M20
T 21	7 19 4	21°33'50	9♌11	28°48	22°28	28°29	18° 7	2°57	21°45	28°24	6°17	4°D42	5°39	9°28	n.a.	T 21
W22	7 23 0	22°33'58	21° 9	0♉14	23°41	28°22	18° 1	3° 4	21°45	28°26	6°18	4°42	5°36	9°35	n.a.	W22
T 23	7 26 57	23°34'04	3♍15	1°41	24°55	28°14	17°55	3°12	21°46	28°28	6°20	4°43	5°33	9°41	n.a.	T 23
F 24	7 30 53	24°34'08	15°32	3°10	26° 9	28° 5	17°48	3°19	21°47	28°30	6°21	4°44	5°30	9°48	n.a.	F 24
S 25	7 34 50	25°34'10	28° 3	4°39	27°23	27°55	17°42	3°27	21°47	28°32	6°22	4°45	5°26	9°55	n.a.	S 25
S 26	7 38 46	26°34'11	10♎50	6°10	28°36	27°45	17°35	3°34	21°48	28°34	6°23	4°46	5°23	10° 1	n.a.	S 26
M27	7 42 43	27°34'09	23°57	7°42	29°50	27°34	17°28	3°42	21°49	28°36	6°24	4°R46	5°20	10° 8	n.a.	M27
T 28	7 46 39	28°34'06	7♏27	9°15	1♉ 4	27°22	17°21	3°49	21°49	28°38	6°25	4°46	5°17	10°15	n.a.	T 28
W29	7 50 36	29°34'02	21°21	10°49	2°17	27° 9	17°14	3°57	21°49	28°40	6°26	4°46	5°14	10°21	n.a.	W29
T 30	7 54 33	0♒33'55	5♐39	12°24	3°31	26°55	17° 7	4° 4	21°50	28°42	6°28	4°45	5°11	10°28	n.a.	T 30
F 31	7 58 29	1♒33'47	20♐18	14♉ 1	4♉45	26♌41	17♌ 0	4♒12	21♎50	28♐44	6♓29	4♌45	5♌ 7	10♋35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s49	10s53	5n10	19s45	1n58	18s51	1n12	15n31	3n29	16n35	1n31	21s46	1s27	7s59	0n30	23s28	0n21	25s15	17s 8	19n16	18n54	21n 6			n.a.
T 2	23 48	15 5	4 50	20 3	1 48	19 10	1 9	15 30	3 31	16 36	1 31	21 44	1 27	8 0	0 30	23 28	0 21	25 14	17 7	19 17	18 55	21 6			n.a.
F 3	23 47	18 26	4 11	20 21	1 37	19 29	1 6	15 29	3 33	16 37	1 31	21 43	1 27	8 0	0 30	23 28	0 21	25 13	17 7	19 19	18 55	21 6			n.a.
S 4	23 45	20 35	3 13	20 39	1 27	19 47	1 4	15 29	3 34	16 39	1 32	21 41	1 27	8 1	0 30	23 28	0 21	25 13	17 7	19 20	18 56	21 7			n.a.
S 5	23 43	21 14	2 1	20 58	1 17	20 4	1 1	15 29	3 36	16 40	1 32	21 40	1 27	8 1	0 30	23 28	0 21	25 12	17 6	19 20	18 57	21 7			n.a.
M 6	23 40	20 20	0 41	21 16	1 7	20 21	0 58	15 29	3 38	16 42	1 32	21 38	1 27	8 2	0 30	23 28	0 21	25 12	17 6	19 21	18 58	21 8			n.a.
T 7	23 37	18 1	0s41	21 34	0 57	20 38	0 55	15 29	3 40	16 43	1 33	21 37	1 27	8 3	0 30	23 28	0 21	25 11	17 6	19 21	18 59	21 8			n.a.
W 8	23 33	14 34	1 59	21 53	0 47	20 53	0 52	15 30	3 42	16 45	1 33	21 35	1 27	8 3	0 30	23 28	0 21	25 10	17 5	19 21	18 59	21 8			n.a.
T 9	23 29	10 22	3 6	22 11	0 37	21 9	0 49	15 31	3 44	16 47	1 33	21 33	1 27	8 4	0 30	23 28	0 21	25 10	17 5	19 20	19 0	21 9			n.a.
F 10	23 24	5 46	4 1	22 28	0 28	21 23	0 46	15 32	3 46	16 48	1 33	21 32	1 27	8 4	0 30	23 28	0 21	25 9	17 5	19 20	19 1	21 9			n.a.
S 11	23 19	1 2	4 41	22 45	0 18	21 37	0 44	15 33	3 48	16 50	1 34	21 30	1 27	8 5	0 30	23 28	0 21	25 9	17 4	19 20	19 2	21 9			n.a.
S 12	23 14	3n36	5 6	23 1	0 9	21 51	0 41	15 35	3 50	16 52	1 34	21 28	1 27	8 5	0 30	23 28	0 21	25 8	17 4	19 20	19 3	21 10			n.a.
M13	23 8	7 58	5 15	23 17	0 0	22 3	0 38	15 37	3 51	16 54	1 34	21 27	1 27	8 6	0 30	23 28	0 21	25 7	17 4	19 20	19 3	21 10			n.a.
T 14	23 1	11 55	5 10	23 32	0s 8	22 16	0 35	15 39	3 53	16 56	1 34	21 25	1 27	8 6	0 30	23 28	0 21	25 7	17 4	19 21	19 4	21 10			n.a.
W15	22 54	15 19	4 50	23 46	0 17	22 27	0 32	15 41	3 55	16 58	1 35	21 24	1 27	8 6	0 30	23 28	0 21	25 6	17 3	19 21	19 5	21 11			n.a.
T 16	22 47	18 3	4 18	24 0	0 25	22 38	0 29	15 44	3 57	17 0	1 35	21 22	1 27	8 7	0 30	23 28	0 21	25 5	17 3	19 22	19 6	21 11			n.a.
F 17	22 39	19 59	3 35	24 12	0 33	22 48	0 26	15 47	3 59	17 2	1 35	21 20	1 27	8 7	0 30	23 28	0 21	25 5	17 3	19 23	19 7	21 12			n.a.
S 18	22 31	21 3	2 44	24 23	0 40	22 58	0 23	15 50	4 1	17 4	1 35	21 18	1 27	8 8	0 30	23 28	0 21	25 4	17 2	19 23	19 7	21 12			n.a.
S 19	22 23	21 11	1 45	24 34	0 48	23 7	0 20	15 54	4 2	17 6	1 36	21 17	1 27	8 8	0 30	23 28	0 21	25 4	17 2	19 24	19 8	21 12			n.a.
M20	22 14	20 22	0 41	24 43	0 55	23 15	0 17	15 57	4 4	17 8	1 36	21 15	1 27	8 8	0 30	23 28	0 21	25 3	17 2	19 24	19 9	21 13			n.a.
T 21	22 4	18 39	0n25	24 51	1 2	23 22	0 14	16 1	4 6	17 10	1 36	21 13	1 27	8 9	0 30	23 28	0 21	25 2	17 2	19 24	19 10	21 13			n.a.
W22	21 54	16 6	1 30	24 58	1 8	23 29	0 12	16 5	4 7	17 12	1 36	21 12	1 27	8 9	0 30	23 28	0 21	25 2	17 1	19 24	19 11	21 13			n.a.
T 23	21 44	12 50	2 32	25 3	1 14	23 35	0 9	16 10	4 9	17 14	1 37	21 10	1 27	8 9	0 30	23 28	0 21	25 1	17 1	19 24	19 11	21 13			n.a.
F 24	21 33	8 59	3 28	25 8	1 20	23 40	0 6	16 14	4 11	17 17	1 37	21 8	1 27	8 9	0 30	23 29	0 21	25 0	17 1	19 23	19 12	21 14			n.a.
S 25	21 22	4 41	4 15	25 11	1 26	23 45	0 3	16 19	4 12	17 19	1 37	21 6	1 27	8 10	0 30	23 29	0 21	25 0	17 1	19 23	19 13	21 14			n.a.
S 26	21 11	0 6	4 51	25 12	1 31	23 49	0 0	16 24	4 14	17 21	1 37	21 5	1 27	8 10	0 30	23 29	0 21	24 59	17 0	19 23	19 14	21 14			n.a.
M27	20 59	4s37	5 12	25 12	1 36	23 52	0s 3	16 30	4 15	17 23	1 37	21 3	1 27	8 10	0 30	23 29	0 21	24 58	17 0	19 23	19 15	21 15			n.a.
T 28	20 47	9 13	5 17	25 10	1 41	23 55	0 6	16 35	4 16	17 26	1 38	21 1	1 27	8 10	0 30	23 29	0 21	24 58	17 0	19 23	19 15	21 15			n.a.
W29	20 34	13 29	5 5	25 7	1 45	23 57	0 8	16 41	4 18	17 28	1 38	20 59	1 27	8 10	0 30	23 29	0 21	24 57	17 0	19 23	19 16	21 15			n.a.
T 30	20 21	17 7	4 33	25 3	1 49	23 58	0 11	16 47	4 19	17 31	1 38	20 58	1 27	8 10	0 30	23 29	0 21	24 56	17 0	19 23	19 17	21 16			n.a.
F 31	20s 8	19s46	3n43	24s56	1s52	23s58	0s14	16n53	4n20	17n33	1n38	20s56	1s27	8s10	0n30	23s29	0n21	24s56	16s59	19n23	19n18	21n16			n.a.

Julian Day Number = 1309421.5, Delta T = 07h42m59s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'46, Lahiri = -19°31'45 Julian Calendar 1 Jan. 1128 BCE == Greg. Calendar 21 Dec. 1129 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

FEBRUARY 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 2 26	2♒33'36	5♉15	15♉38	5♉58	26°R26	16°R52	4♒19	21♎50	28♐46	6♓30	4°R45	5♌ 4	10♋41	n.a.	S 1
S 2	8 6 22	3°33'24	20°21	17°17	7°12	26♌11	16♌45	4°27	21°50	28°48	6°31	4♌45	5° 1	10°48	n.a.	S 2
M 3	8 10 19	4°33'10	5♒27	18°57	8°26	25°55	16°38	4°34	21°51	28°50	6°32	4°44	4°58	10°55	n.a.	M 3
T 4	8 14 15	5°32'53	20°25	20°38	9°39	25°38	16°30	4°42	21°51	28°52	6°34	4°44	4°55	11° 1	n.a.	T 4
W 5	8 18 12	6°32'35	5♓ 7	22°20	10°53	25°20	16°23	4°49	21°R51	28°54	6°35	4°44	4°51	11° 8	n.a.	W 5
T 6	8 22 8	7°32'13	19°26	24° 4	12° 7	25° 2	16°15	4°57	21°51	28°56	6°36	4°44	4°48	11°15	n.a.	T 6
F 7	8 26 5	8°31'50	3♈19	25°49	13°21	24°43	16° 7	5° 4	21°50	28°58	6°37	4°44	4°45	11°21	n.a.	F 7
S 8	8 30 2	9°31'24	16°45	27°35	14°34	24°24	16° 0	5°12	21°50	29° 0	6°39	4°43	4°42	11°28	n.a.	S 8
S 9	8 33 58	10°30'56	29°46	29°22	15°48	24° 4	15°52	5°19	21°50	29° 1	6°40	4°43	4°39	11°35	n.a.	S 9
M10	8 37 55	11°30'25	12♉23	1♒10	17° 2	23°44	15°44	5°27	21°50	29° 3	6°41	4°D43	4°36	11°41	n.a.	M10
T 11	8 41 51	12°29'51	24°42	3° 0	18°15	23°23	15°37	5°34	21°50	29° 5	6°43	4°43	4°32	11°48	n.a.	T 11
W12	8 45 48	13°29'16	6♊47	4°51	19°29	23° 2	15°29	5°42	21°49	29° 7	6°44	4°44	4°29	11°55	n.a.	W12
T 13	8 49 44	14°28'38	18°42	6°43	20°43	22°40	15°21	5°49	21°49	29° 8	6°45	4°45	4°26	12° 1	n.a.	T 13
F 14	8 53 41	15°27'57	0♋31	8°36	21°56	22°18	15°13	5°57	21°48	29°10	6°47	4°46	4°23	12° 8	n.a.	F 14
S 15	8 57 37	16°27'14	12°18	10°31	23°10	21°56	15° 6	6° 4	21°48	29°12	6°48	4°47	4°20	12°15	n.a.	S 15
S 16	9 1 34	17°26'29	24° 8	12°27	24°24	21°34	14°58	6°11	21°47	29°14	6°49	4°47	4°16	12°21	n.a.	S 16
M17	9 5 31	18°25'42	6♌ 2	14°24	25°37	21°11	14°50	6°19	21°47	29°15	6°51	4°R48	4°13	12°28	n.a.	M17
T 18	9 9 27	19°24'52	18° 3	16°23	26°51	20°48	14°42	6°26	21°46	29°17	6°52	4°47	4°10	12°34	n.a.	T 18
W19	9 13 24	20°24'00	0♍12	18°22	28° 4	20°25	14°35	6°34	21°45	29°18	6°53	4°46	4° 7	12°41	n.a.	W19
T 20	9 17 20	21°23'06	12°33	20°23	29°18	20° 2	14°27	6°41	21°44	29°20	6°55	4°44	4° 4	12°48	n.a.	T 20
F 21	9 21 17	22°22'09	25° 5	22°24	0♒32	19°39	14°19	6°48	21°44	29°22	6°56	4°42	4° 1	12°54	n.a.	F 21
S 22	9 25 13	23°21'11	7♎50	24°27	1°45	19°16	14°12	6°56	21°43	29°23	6°58	4°39	3°57	13° 1	n.a.	S 22
S 23	9 29 10	24°20'11	20°50	26°30	2°59	18°53	14° 4	7° 3	21°42	29°25	6°59	4°36	3°54	13° 8	n.a.	S 23
M24	9 33 6	25°19'08	4♏ 4	28°33	4°13	18°30	13°57	7°10	21°41	29°26	7° 0	4°34	3°51	13°14	n.a.	M24
T 25	9 37 3	26°18'04	17°35	0♓37	5°26	18° 8	13°49	7°17	21°40	29°28	7° 2	4°33	3°48	13°21	n.a.	T 25
W26	9 40 59	27°16'58	1♐23	2°42	6°40	17°45	13°42	7°25	21°39	29°29	7° 3	4°D33	3°45	13°28	n.a.	W26
T 27	9 44 56	28°15'51	15°27	4°46	7°54	17°22	13°34	7°32	21°38	29°30	7° 5	4°33	3°42	13°34	n.a.	T 27
F 28	9 48 53	29♒14'41	29♐48	6♓50	9♒ 7	17♌ 0	13♌27	7♒39	21♎37	29♐32	7♓ 6	4♌35	3♌38	13♋41	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s54	21s 7	2n37	24s48	1s55	23s58	0s16	16n59	4n21	17n35	1n38	20s54	1s27	8s10	0n30	23s29	0n21	24s55	16s59	19n23	19n18	21n16		n.a.
S 2	19 40	20 57	1 19	24 38	1 58	23 57	0 19	17 6	4 22	17 38	1 38	20 52	1 27	8 10	0 30	23 29	0 21	24 54	16 59	19 23	19 19	21 16		n.a.
M 3	19 26	19 17	0s 4	24 27	2 0	23 55	0 22	17 12	4 23	17 40	1 38	20 51	1 27	8 11	0 30	23 29	0 21	24 54	16 59	19 23	19 20	21 17		n.a.
T 4	19 11	16 16	1 26	24 14	2 2	23 52	0 24	17 19	4 24	17 43	1 39	20 49	1 28	8 11	0 30	23 29	0 21	24 53	16 59	19 23	19 21	21 17		n.a.
W 5	18 56	12 17	2 41	23 59	2 4	23 49	0 27	17 26	4 25	17 45	1 39	20 47	1 28	8 10	0 30	23 29	0 21	24 52	16 58	19 23	19 22	21 17		n.a.
T 6	18 41	7 40	3 44	23 42	2 5	23 45	0 29	17 33	4 26	17 47	1 39	20 45	1 28	8 10	0 30	23 29	0 21	24 52	16 58	19 23	19 22	21 17		n.a.
F 7	18 25	2 48	4 31	23 23	2 5	23 40	0 32	17 40	4 27	17 50	1 39	20 43	1 28	8 10	0 31	23 29	0 21	24 51	16 58	19 23	19 23	21 18		n.a.
S 8	18 9	2n 2	5 2	23 2	2 6	23 35	0 34	17 47	4 27	17 52	1 39	20 42	1 28	8 10	0 31	23 29	0 21	24 50	16 58	19 24	19 24	21 18		n.a.
S 9	17 53	6 38	5 17	22 39	2 5	23 29	0 37	17 55	4 28	17 55	1 39	20 40	1 28	8 10	0 31	23 29	0 21	24 50	16 58	19 24	19 25	21 18		n.a.
M10	17 37	10 48	5 15	22 15	2 4	23 22	0 39	18 2	4 28	17 57	1 39	20 38	1 28	8 10	0 31	23 29	0 21	24 49	16 58	19 24	19 25	21 18		n.a.
T 11	17 20	14 25	4 59	21 48	2 3	23 15	0 41	18 9	4 28	18 0	1 39	20 36	1 28	8 10	0 31	23 29	0 21	24 48	16 57	19 24	19 26	21 19		n.a.
W12	17 3	17 22	4 30	21 19	2 1	23 6	0 44	18 16	4 28	18 2	1 39	20 35	1 28	8 10	0 31	23 29	0 21	24 48	16 57	19 24	19 27	21 19		n.a.
T 13	16 45	19 32	3 49	20 49	1 59	22 58	0 46	18 24	4 28	18 4	1 40	20 33	1 28	8 10	0 31	23 29	0 21	24 47	16 57	19 23	19 28	21 19		n.a.
F 14	16 28	20 51	2 59	20 16	1 56	22 48	0 48	18 31	4 28	18 7	1 40	20 31	1 28	8 9	0 31	23 29	0 21	24 46	16 57	19 23	19 29	21 19		n.a.
S 15	16 10	21 14	2 2	19 41	1 53	22 38	0 50	18 38	4 28	18 9	1 40	20 29	1 28	8 9	0 31	23 29	0 20	24 46	16 57	19 23	19 29	21 19		n.a.
S 16	15 51	20 40	0 59	19 5	1 49	22 27	0 52	18 46	4 28	18 12	1 40	20 27	1 28	8 9	0 31	23 29	0 20	24 45	16 57	19 23	19 30	21 20		n.a.
M17	15 33	19 11	0n 7	18 26	1 44	22 15	0 54	18 53	4 28	18 14	1 40	20 26	1 29	8 9	0 31	23 29	0 20	24 45	16 57	19 23	19 31	21 20		n.a.
T 18	15 14	16 49	1 13	17 45	1 39	22 3	0 56	19 0	4 27	18 16	1 40	20 24	1 29	8 9	0 31	23 29	0 20	24 44	16 56	19 23	19 32	21 20		n.a.
W19	14 55	13 42	2 16	17 3	1 33	21 50	0 58	19 7	4 27	18 19	1 40	20 22	1 29	8 8	0 31	23 29	0 20	24 43	16 56	19 23	19 32	21 20		n.a.
T 20	14 36	9 56	3 14	16 18	1 27	21 36	1 0	19 14	4 26	18 21	1 40	20 20	1 29	8 8	0 31	23 29	0 20	24 43	16 56	19 23	19 33	21 20		n.a.
F 21	14 17	5 42	4 4	15 32	1 20	21 22	1 2	19 21	4 25	18 23	1 40	20 18	1 29	8 8	0 31	23 29	0 20	24 42	16 56	19 24	19 34	21 21		n.a.
S 22	13 57	1 9	4 42	14 44	1 13	21 8	1 4	19 27	4 24	18 26	1 40	20 17	1 29	8 7	0 31	23 29	0 20	24 41	16 56	19 25	19 35	21 21		n.a.
S 23	13 37	3s32	5 6	13 54	1 5	20 52	1 5	19 34	4 23	18 28	1 40	20 15	1 29	8 7	0 31	23 29	0 20	24 41	16 56	19 25	19 35	21 21		n.a.
M24	13 17	8 8	5 15	13 3	0 56	20 36	1 7	19 40	4 22	18 30	1 40	20 13	1 29	8 7	0 31	23 29	0 20	24 40	16 56	19 26	19 36	21 21		n.a.
T 25	12 57	12 26	5 7	12 10	0 47	20 20	1 9	19 46	4 21	18 32	1 40	20 11	1 29	8 6	0 31	23 29	0 20	24 40	16 56	19 26	19 37	21 21		n.a.
W26	12 37	16 10	4 42	11 16	0 38	20 2	1 10	19 52	4 19	18 34	1 40	20 9	1 29	8 6	0 31	23 29	0 20	24 39	16 56	19 26	19 38	21 21		n.a.
T 27	12 16	19 4	3 59	10 21	0 28	19 45	1 12	19 58	4 18	18 37	1 40	20 8	1 30	8 5	0 31	23 29	0 20	24 38	16 56	19 26	19 38	21 21		n.a.
F 28	11s55	20s49	3n 0	9s25	0s17	19s26	1s13	20n 3	4n16	18n39	1n40	20s 6	1s30	8s 5	0n31	23s29	0n20	24s38	16s56	19n26	19n39	21n22		n.a.

Julian Day Number = 1309452.5, Delta T = 07h42m57s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'41, Lahiri = -19°31'41 Julian Calendar 1 Feb. 1128 BCE == Greg. Calendar 21 Jan. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

MARCH 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 49	0♓13'30	14♉22	8♓53	10♒21	16°R39	13°R20	7♒46	21°R35	29♐33	7♓ 7	4♌36	3♌35	13♋48	n.a.	S 1
S 2	9 56 46	1°12'16	29° 5	10°55	11°35	16♌17	13♌13	7°53	21♎34	29°34	7° 9	4°R37	3°32	13°54	n.a.	S 2
M 3	10 0 42	2°11'01	13♒52	12°56	12°48	15°56	13° 6	8° 0	21°33	29°36	7°10	4°37	3°29	14° 1	n.a.	M 3
T 4	10 4 39	3° 9'44	28°35	14°55	14° 2	15°35	12°59	8° 8	21°32	29°37	7°12	4°35	3°26	14° 8	n.a.	T 4
W 5	10 8 35	4° 8'24	13♓ 9	16°52	15°15	15°15	12°52	8°15	21°30	29°38	7°13	4°32	3°22	14°14	n.a.	W 5
T 6	10 12 32	5° 7'03	27°25	18°47	16°29	14°55	12°45	8°22	21°29	29°39	7°14	4°28	3°19	14°21	n.a.	T 6
F 7	10 16 28	6° 5'39	11♈20	20°39	17°43	14°36	12°39	8°29	21°27	29°41	7°16	4°23	3°16	14°28	n.a.	F 7
S 8	10 20 25	7° 4'13	24°50	22°28	18°56	14°18	12°32	8°35	21°26	29°42	7°17	4°18	3°13	14°34	n.a.	S 8
S 9	10 24 21	8° 2'44	7♉55	24°14	20°10	14° 0	12°26	8°42	21°24	29°43	7°19	4°14	3°10	14°41	n.a.	S 9
M10	10 28 18	9° 1'14	20°37	25°56	21°24	13°42	12°19	8°49	21°23	29°44	7°20	4°11	3° 7	14°48	n.a.	M10
T 11	10 32 15	9°59'41	2♊59	27°35	22°37	13°26	12°13	8°56	21°21	29°45	7°22	4° 9	3° 3	14°54	n.a.	T 11
W12	10 36 11	10°58'06	15° 5	29° 9	23°51	13°10	12° 7	9° 3	21°19	29°46	7°23	4°D 9	3° 0	15° 1	n.a.	W12
T 13	10 40 8	11°56'29	27° 0	0♈39	25° 4	12°54	12° 1	9°10	21°18	29°47	7°24	4°10	2°57	15° 8	n.a.	T 13
F 14	10 44 4	12°54'49	8♋49	2° 4	26°18	12°40	11°55	9°16	21°16	29°48	7°26	4°12	2°54	15°14	n.a.	F 14
S 15	10 48 1	13°53'07	20°37	3°25	27°31	12°26	11°50	9°23	21°14	29°49	7°27	4°13	2°51	15°21	n.a.	S 15
S 16	10 51 57	14°51'23	2♌28	4°41	28°45	12°13	11°44	9°30	21°12	29°50	7°29	4°R14	2°48	15°27	n.a.	S 16
M17	10 55 54	15°49'37	14°28	5°52	29°59	12° 1	11°39	9°36	21°11	29°51	7°30	4°14	2°44	15°34	n.a.	M17
T 18	10 59 50	16°47'49	26°38	6°58	1♓12	11°49	11°33	9°43	21° 9	29°52	7°32	4°11	2°41	15°41	n.a.	T 18
W19	11 3 47	17°45'59	9♍ 1	7°59	2°26	11°38	11°28	9°49	21° 7	29°52	7°33	4° 7	2°38	15°47	n.a.	W19
T 20	11 7 43	18°44'06	21°39	8°55	3°39	11°28	11°23	9°56	21° 5	29°53	7°34	4° 1	2°35	15°54	n.a.	T 20
F 21	11 11 40	19°42'12	4♎31	9°46	4°53	11°19	11°18	10° 2	21° 3	29°54	7°36	3°53	2°32	16° 1	n.a.	F 21
S 22	11 15 37	20°40'17	17°38	10°31	6° 6	11°11	11°14	10° 8	21° 1	29°55	7°37	3°45	2°28	16° 7	n.a.	S 22
S 23	11 19 33	21°38'19	0♏58	11°11	7°20	11° 3	11° 9	10°15	20°59	29°55	7°39	3°38	2°25	16°14	n.a.	S 23
M24	11 23 30	22°36'20	14°30	11°46	8°34	10°56	11° 5	10°21	20°57	29°56	7°40	3°31	2°22	16°21	n.a.	M24
T 25	11 27 26	23°34'19	28°13	12°15	9°47	10°50	11° 1	10°27	20°55	29°57	7°41	3°26	2°19	16°27	n.a.	T 25
W26	11 31 23	24°32'17	12♐ 6	12°39	11° 1	10°45	10°57	10°33	20°53	29°57	7°43	3°24	2°16	16°34	n.a.	W26
T 27	11 35 19	25°30'14	26° 7	12°58	12°14	10°40	10°53	10°39	20°50	29°58	7°44	3°D23	2°13	16°41	n.a.	T 27
F 28	11 39 16	26°28'09	10♑16	13°11	13°28	10°37	10°49	10°45	20°48	29°58	7°45	3°24	2° 9	16°47	n.a.	F 28
S 29	11 43 12	27°26'03	24°31	13°18	14°41	10°34	10°46	10°51	20°46	29°59	7°47	3°25	2° 6	16°54	n.a.	S 29
S 30	11 47 9	28°23'55	8♒51	13°R21	15°55	10°32	10°42	10°57	20°44	29°59	7°48	3°R25	2° 3	17° 1	n.a.	S 30
M31	11 51 6	29♓21'46	23♒12	13♈18	17♓ 9	10♌30	10♌39	11♒ 3	20♎42	29♐59	7♓49	3♌23	2♌ 0	17♋ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s34	21s14	1n49	8s28	0s 6	19s 8	1s15	20n 8	4n15	18n41	1n40	20s 4	1s30	8s 4	0n31	23s29	0n20	24s37	16s56	19n25	19n40	21n22		n.a.
S 2	11 13	20 11	0 30	7 31	0n 5	18 48	1 16	20 13	4 13	18 43	1 40	20 2	1 30	8 4	0 31	23 29	0 20	24 36	16 55	19 25	19 41	21 22		n.a.
M 3	10 52	17 45	0s51	6 34	0 16	18 28	1 17	20 18	4 11	18 45	1 40	20 1	1 30	8 3	0 31	23 29	0 20	24 36	16 55	19 25	19 41	21 22		n.a.
T 4	10 31	14 9	2 8	5 36	0 28	18 8	1 18	20 23	4 9	18 47	1 40	19 59	1 30	8 3	0 31	23 29	0 20	24 35	16 55	19 26	19 42	21 22		n.a.
W 5	10 9	9 44	3 16	4 40	0 39	17 47	1 19	20 27	4 7	18 49	1 40	19 57	1 30	8 2	0 31	23 29	0 20	24 35	16 55	19 26	19 43	21 22		n.a.
T 6	9 47	4 51	4 10	3 43	0 51	17 26	1 20	20 31	4 5	18 51	1 39	19 55	1 30	8 2	0 31	23 29	0 20	24 34	16 55	19 27	19 44	21 22		n.a.
F 7	9 25	0n 9	4 48	2 48	1 3	17 4	1 21	20 35	4 3	18 52	1 39	19 54	1 31	8 1	0 31	23 29	0 20	24 34	16 55	19 28	19 45	21 23		n.a.
S 8	9 3	5 0	5 8	1 54	1 14	16 41	1 22	20 38	4 1	18 54	1 39	19 52	1 31	8 1	0 31	23 29	0 20	24 33	16 55	19 30	19 45	21 23		n.a.
S 9	8 41	9 28	5 12	1 1	1 26	16 19	1 23	20 41	3 58	18 56	1 39	19 50	1 31	8 0	0 31	23 29	0 20	24 32	16 55	19 31	19 46	21 23		n.a.
M10	8 19	13 23	5 0	0 10	1 37	15 55	1 24	20 44	3 56	18 58	1 39	19 48	1 31	7 59	0 31	23 29	0 20	24 32	16 55	19 31	19 47	21 23		n.a.
T 11	7 57	16 37	4 34	0n39	1 47	15 32	1 25	20 47	3 54	18 59	1 39	19 47	1 31	7 59	0 31	23 29	0 20	24 31	16 55	19 32	19 47	21 23		n.a.
W12	7 34	19 4	3 57	1 27	1 58	15 8	1 25	20 49	3 51	19 1	1 39	19 45	1 31	7 58	0 31	23 29	0 20	24 31	16 55	19 32	19 48	21 23		n.a.
T 13	7 12	20 38	3 9	2 12	2 7	14 43	1 26	20 51	3 49	19 3	1 39	19 43	1 31	7 57	0 31	23 29	0 20	24 30	16 55	19 32	19 49	21 23		n.a.
F 14	6 49	21 18	2 14	2 55	2 16	14 18	1 26	20 53	3 46	19 4	1 39	19 42	1 32	7 57	0 31	23 29	0 20	24 30	16 55	19 31	19 50	21 23		n.a.
S 15	6 26	21 0	1 14	3 35	2 25	13 53	1 27	20 55	3 43	19 6	1 39	19 40	1 32	7 56	0 31	23 29	0 20	24 29	16 55	19 31	19 50	21 23		n.a.
S 16	6 3	19 46	0 10	4 13	2 33	13 28	1 27	20 56	3 41	19 7	1 38	19 38	1 32	7 55	0 31	23 29	0 20	24 29	16 55	19 31	19 51	21 23		n.a.
M17	5 41	17 38	0n55	4 48	2 40	13 2	1 28	20 57	3 38	19 9	1 38	19 37	1 32	7 55	0 31	23 29	0 20	24 28	16 56	19 31	19 52	21 23		n.a.
T 18	5 18	14 42	1 59	5 20	2 46	12 35	1 28	20 58	3 35	19 10	1 38	19 35	1 32	7 54	0 31	23 29	0 20	24 28	16 56	19 31	19 53	21 23		n.a.
W19	4 55	11 3	2 57	5 50	2 51	12 9	1 28	20 58	3 33	19 11	1 38	19 33	1 32	7 53	0 31	23 29	0 20	24 27	16 56	19 32	19 53	21 24		n.a.
T 20	4 32	6 51	3 48	6 16	2 55	11 42	1 28	20 58	3 30	19 13	1 38	19 32	1 32	7 53	0 31	23 29	0 20	24 27	16 56	19 34	19 54	21 24		n.a.
F 21	4 8	2 17	4 29	6 40	2 59	11 14	1 28	20 58	3 27	19 14	1 38	19 30	1 33	7 52	0 31	23 29	0 20	24 26	16 56	19 36	19 55	21 24		n.a.
S 22	3 45	2s29	4 56	7 0	3 1	10 47	1 28	20 58	3 24	19 15	1 38	19 29	1 33	7 51	0 31	23 29	0 20	24 26	16 56	19 38	19 56	21 24		n.a.
S 23	3 22	7 12	5 7	7 17	3 3	10 19	1 28	20 57	3 21	19 16	1 37	19 27	1 33	7 50	0 31	23 29	0 20	24 25	16 56	19 39	19 56	21 24		n.a.
M24	2 59	11 39	5 2	7 32	3 3	9 51	1 28	20 57	3 18	19 17	1 37	19 25	1 33	7 49	0 31	23 29	0 20	24 25	16 56	19 41	19 57	21 24		n.a.
T 25	2 36	15 33	4 40	7 43	3 2	9 23	1 28	20 56	3 16	19 18	1 37	19 24	1 33	7 49	0 31	23 29	0 20	24 24	16 56	19 42	19 58	21 24		n.a.
W26	2 12	18 38	4 1	7 50	3 0	8 54	1 28	20 54	3 13	19 19	1 37	19 22	1 33	7 48	0 31	23 29	0 20	24 24	16 56	19 43	19 59	21 24		n.a.
T 27	1 49	20 39	3 7	7 55	2 57	8 25	1 27	20 53	3 10	19 20	1 37	19 21	1 34	7 47	0 31	23 29	0 20	24 23	16 56	19 43	19 59	21 24		n.a.
F 28	1 26	21 25	2 1	7 56	2 53	7 56	1 27	20 51	3 7	19 21	1 37	19 19	1 34	7 46	0 31	23 29	0 20	24 23	16 56	19 43	20 0	21 24		n.a.
S 29	1 2	20 47	0 48	7 54	2 48	7 27	1 27	20 49	3 4	19 22	1 36	19 18	1 34	7 45	0 31	23 29	0 20	24 22	16 56	19 43	20 1	21 24		n.a.
S 30	0 39	18 48	0s29	7 49	2 41	6 58	1 26	20 47	3 1	19 22	1 36	19 16	1 34	7 44	0 31	23 29	0 20	24 22	16 57	19 42	20 1	21 24		n.a.
M31	0s15	15s38	1s44	7n40	2n33	6s28	1s25	20n45	2n58	19n23	1n36	19s15	1s34	7s44	0n31	23s29	0n20	24s22	16s57	19n43	20n 2	21n24		n.a.

Julian Day Number = 1309480.5, Delta T = 07h42m55s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'38, Lahiri = -19°31'37 Julian Calendar 1 March 1128 BCE == Greg. Calendar 18 Feb. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

APRIL 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 2	0♈19'36	7♓32	13°R11	18♓22	10°D30	10°R36	11♒ 9	20°R39	0♋ 0	7♓51	3°R19	1♌57	17♋14	n.a.	T 1
W 2	11 58 59	1°17'23	21°44	12♈59	19°36	10♌30	10♌33	11°15	20♎37	0° 0	7°52	3♌13	1°53	17°21	n.a.	W 2
T 3	12 2 55	2°15'10	5♈44	12°42	20°49	10°31	10°31	11°20	20°35	0° 1	7°53	3° 4	1°50	17°27	n.a.	T 3
F 4	12 6 52	3°12'55	19°27	12°22	22° 3	10°33	10°28	11°26	20°32	0° 1	7°55	2°54	1°47	17°34	n.a.	F 4
S 5	12 10 48	4°10'38	2♉51	11°57	23°16	10°36	10°26	11°31	20°30	0° 1	7°56	2°44	1°44	17°40	n.a.	S 5
S 6	12 14 45	5° 8'19	15°53	11°30	24°30	10°39	10°24	11°37	20°28	0° 2	7°57	2°35	1°41	17°47	n.a.	S 6
M 7	12 18 41	6° 5'59	28°34	11° 0	25°43	10°43	10°22	11°42	20°25	0° 2	7°59	2°27	1°38	17°54	n.a.	M 7
T 8	12 22 38	7° 3'38	10♊56	10°28	26°57	10°48	10°20	11°48	20°23	0° 2	8° 0	2°22	1°34	18° 0	n.a.	T 8
W 9	12 26 34	8° 1'14	23° 2	9°54	28°11	10°53	10°18	11°53	20°20	0° 2	8° 1	2°19	1°31	18° 7	n.a.	W 9
T 10	12 30 31	8°58'49	4♋58	9°19	29°24	11° 0	10°17	11°58	20°18	0° 2	8° 2	2°D18	1°28	18°14	n.a.	T 10
F 11	12 34 28	9°56'23	16°47	8°44	0♈38	11° 6	10°16	12° 3	20°16	0° 2	8° 4	2°18	1°25	18°20	n.a.	F 11
S 12	12 38 24	10°53'54	28°36	8° 9	1°51	11°14	10°15	12° 8	20°13	0° 2	8° 5	2°R18	1°22	18°27	n.a.	S 12
S 13	12 42 21	11°51'25	10♌30	7°35	3° 5	11°22	10°14	12°13	20°11	0°R 2	8° 6	2°18	1°19	18°34	n.a.	S 13
M14	12 46 17	12°48'53	22°33	7° 2	4°18	11°31	10°13	12°18	20° 8	0° 2	8° 7	2°16	1°15	18°40	n.a.	M14
T 15	12 50 14	13°46'20	4♍51	6°31	5°32	11°41	10°13	12°23	20° 6	0° 2	8° 9	2°12	1°12	18°47	n.a.	T 15
W16	12 54 10	14°43'46	17°25	6° 3	6°45	11°51	10°12	12°28	20° 3	0° 2	8°10	2° 5	1° 9	18°54	n.a.	W16
T 17	12 58 7	15°41'11	0♎19	5°38	7°59	12° 2	10°D12	12°33	20° 1	0° 2	8°11	1°56	1° 6	19° 0	n.a.	T 17
F 18	13 2 3	16°38'34	13°31	5°16	9°12	12°13	10°12	12°37	19°58	0° 2	8°12	1°46	1° 3	19° 7	n.a.	F 18
S 19	13 6 0	17°35'56	27° 2	4°57	10°26	12°25	10°12	12°42	19°56	0° 2	8°13	1°34	0°59	19°14	n.a.	S 19
S 20	13 9 57	18°33'17	10♏47	4°43	11°39	12°38	10°13	12°46	19°53	0° 1	8°14	1°23	0°56	19°20	n.a.	S 20
M21	13 13 53	19°30'37	24°44	4°32	12°53	12°51	10°13	12°51	19°51	0° 1	8°15	1°13	0°53	19°27	n.a.	M21
T 22	13 17 50	20°27'56	8♐48	4°26	14° 7	13° 5	10°14	12°55	19°48	0° 1	8°17	1° 5	0°50	19°34	n.a.	T 22
W23	13 21 46	21°25'14	22°56	4°D25	15°20	13°19	10°15	12°59	19°46	0° 1	8°18	1° 1	0°47	19°40	n.a.	W23
T 24	13 25 43	22°22'32	7♑ 6	4°27	16°34	13°34	10°16	13° 4	19°43	0° 0	8°19	0°58	0°44	19°47	n.a.	T 24
F 25	13 29 39	23°19'49	21°14	4°35	17°47	13°49	10°18	13° 8	19°41	29♐59	8°20	0°58	0°40	19°53	n.a.	F 25
S 26	13 33 36	24°17'06	5♒21	4°46	19° 1	14° 5	10°19	13°12	19°38	29°59	8°21	0°58	0°37	20° 0	n.a.	S 26
S 27	13 37 32	25°14'22	19°25	5° 3	20°14	14°22	10°21	13°16	19°36	29°59	8°22	0°57	0°34	20° 7	n.a.	S 27
M28	13 41 29	26°11'37	3♓25	5°23	21°28	14°38	10°23	13°19	19°34	29°59	8°23	0°54	0°31	20°13	n.a.	M28
T 29	13 45 26	27° 8'51	17°20	5°49	22°42	14°56	10°25	13°23	19°31	29°58	8°24	0°49	0°28	20°20	n.a.	T 29
W30	13 49 22	28♈ 6'05	1♈ 6	6♈18	23♈55	15♌14	10♌27	13♒27	19♎29	29♐58	8♓25	0♌41	0♌24	20♋27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 8	11s32	2s52	7n29	2n24	5s58	1s25	20n42	2n55	19n24	1n36	19s13	1s34	7s43	0n31	23s29	0n20	24s21	16s57	19n44	20n 3	21n24		n.a.
W 2	0 31	6 50	3 49	7 15	2 13	5 28	1 24	20 39	2 53	19 24	1 36	19 12	1 35	7 42	0 31	23 29	0 20	24 21	16 57	19 45	20 4	21 24		n.a.
T 3	0 55	1 49	4 31	6 58	2 2	4 58	1 23	20 36	2 50	19 25	1 35	19 10	1 35	7 41	0 31	23 29	0 20	24 20	16 57	19 47	20 4	21 24		n.a.
F 4	1 18	3n10	4 56	6 38	1 49	4 28	1 23	20 33	2 47	19 25	1 35	19 9	1 35	7 40	0 31	23 29	0 20	24 20	16 57	19 50	20 5	21 24		n.a.
S 5	1 41	7 54	5 4	6 16	1 36	3 58	1 22	20 29	2 44	19 26	1 35	19 8	1 35	7 39	0 31	23 29	0 20	24 20	16 57	19 52	20 6	21 24		n.a.
S 6	2 4	12 8	4 56	5 52	1 21	3 27	1 21	20 26	2 41	19 26	1 35	19 6	1 35	7 38	0 31	23 29	0 20	24 19	16 58	19 54	20 7	21 24		n.a.
M 7	2 28	15 43	4 34	5 26	1 6	2 57	1 20	20 22	2 38	19 27	1 35	19 5	1 36	7 37	0 31	23 29	0 20	24 19	16 58	19 56	20 7	21 24		n.a.
T 8	2 51	18 30	3 59	4 58	0 50	2 26	1 19	20 18	2 36	19 27	1 34	19 4	1 36	7 36	0 31	23 29	0 20	24 19	16 58	19 57	20 8	21 24		n.a.
W 9	3 14	20 25	3 14	4 30	0 34	1 55	1 18	20 14	2 33	19 27	1 34	19 2	1 36	7 36	0 31	23 29	0 20	24 18	16 58	19 58	20 9	21 24		n.a.
T 10	3 37	21 24	2 21	4 1	0 17	1 24	1 16	20 9	2 30	19 27	1 34	19 1	1 36	7 35	0 31	23 29	0 20	24 18	16 58	19 58	20 9	21 24		n.a.
F 11	4 0	21 24	1 22	3 31	0 0	0 54	1 15	20 5	2 27	19 27	1 34	19 0	1 36	7 34	0 31	23 29	0 20	24 18	16 58	19 58	20 10	21 24		n.a.
S 12	4 23	20 27	0 20	3 1	0s17	0 23	1 14	20 0	2 25	19 28	1 34	18 58	1 37	7 33	0 31	23 29	0 20	24 17	16 59	19 58	20 11	21 24		n.a.
S 13	4 46	18 35	0n44	2 32	0 34	0n 8	1 13	19 55	2 22	19 28	1 33	18 57	1 37	7 32	0 31	23 29	0 20	24 17	16 59	19 58	20 12	21 23		n.a.
M14	5 8	15 53	1 46	2 4	0 51	0 39	1 11	19 50	2 19	19 28	1 33	18 56	1 37	7 31	0 31	23 29	0 20	24 17	16 59	19 58	20 12	21 23		n.a.
T 15	5 31	12 25	2 44	1 37	1 7	1 10	1 10	19 45	2 17	19 27	1 33	18 55	1 37	7 30	0 31	23 29	0 20	24 16	16 59	19 59	20 13	21 23		n.a.
W16	5 54	8 21	3 36	1 11	1 23	1 41	1 8	19 39	2 14	19 27	1 33	18 54	1 37	7 29	0 31	23 29	0 20	24 16	16 59	20 1	20 14	21 23		n.a.
T 17	6 16	3 48	4 17	0 47	1 38	2 12	1 7	19 34	2 12	19 27	1 32	18 52	1 38	7 28	0 31	23 29	0 20	24 16	17 0	20 3	20 14	21 23		n.a.
F 18	6 39	1s 2	4 47	0 25	1 52	2 43	1 5	19 28	2 9	19 27	1 32	18 51	1 38	7 27	0 31	23 29	0 20	24 16	17 0	20 5	20 15	21 23		n.a.
S 19	7 1	5 55	5 0	0 5	2 6	3 13	1 4	19 22	2 6	19 27	1 32	18 50	1 38	7 26	0 31	23 29	0 20	24 15	17 0	20 8	20 16	21 23		n.a.
S 20	7 23	10 36	4 57	0s12	2 18	3 44	1 2	19 16	2 4	19 26	1 32	18 49	1 38	7 25	0 31	23 29	0 20	24 15	17 0	20 11	20 16	21 23		n.a.
M21	7 45	14 47	4 37	0 27	2 30	4 15	1 0	19 10	2 1	19 26	1 32	18 48	1 38	7 24	0 31	23 29	0 20	24 15	17 0	20 13	20 17	21 23		n.a.
T 22	8 7	18 11	3 59	0 39	2 40	4 45	0 59	19 4	1 59	19 26	1 31	18 47	1 39	7 23	0 31	23 29	0 20	24 15	17 1	20 14	20 18	21 23		n.a.
W23	8 29	20 32	3 7	0 49	2 50	5 16	0 57	18 57	1 56	19 25	1 31	18 46	1 39	7 22	0 31	23 29	0 20	24 14	17 1	20 15	20 19	21 23		n.a.
T 24	8 51	21 35	2 3	0 56	2 59	5 46	0 55	18 50	1 54	19 25	1 31	18 45	1 39	7 21	0 31	23 29	0 20	24 14	17 1	20 16	20 19	21 22		n.a.
F 25	9 12	21 17	0 51	0 59	3 6	6 16	0 53	18 44	1 52	19 24	1 31	18 44	1 39	7 21	0 31	23 29	0 20	24 14	17 1	20 16	20 20	21 22		n.a.
S 26	9 34	19 37	0s23	1 1	3 12	6 47	0 51	18 37	1 49	19 23	1 30	18 43	1 40	7 20	0 31	23 29	0 20	24 14	17 2	20 16	20 21	21 22		n.a.
S 27	9 55	16 45	1 36	0 59	3 18	7 17	0 49	18 29	1 47	19 23	1 30	18 42	1 40	7 19	0 31	23 29	0 20	24 14	17 2	20 16	20 21	21 22		n.a.
M28	10 16	12 56	2 43	0 55	3 22	7 46	0 47	18 22	1 45	19 22	1 30	18 41	1 40	7 18	0 31	23 29	0 20	24 13	17 2	20 17	20 22	21 22		n.a.
T 29	10 37	8 26	3 39	0 48	3 26	8 16	0 45	18 15	1 42	19 21	1 30	18 40	1 40	7 17	0 31	23 29	0 20	24 13	17 2	20 18	20 23	21 22		n.a.
W30	10n58	3s33	4s22	0s38	3s28	8n46	0s43	18n 7	1n40	19n20	1n30	18s39	1s40	7s16	0n31	23s29	0n20	24s13	17s 3	20n20	20n23	21n22		n.a.

Julian Day Number = 1309511.5, Delta T = 07h42m54s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'33, Lahiri = -19°31'33 Julian Calendar 1 Apr. 1128 BCE == Greg. Calendar 21 March 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

MAY 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 19	29♈ 3'19	14♈43	6♈52	25♈ 9	15♌32	10♌29	13♒31	19°R26	29°R57	8♓26	0°R31	0♌21	20♋33	n.a.	T 1
F 2	13 57 15	0♉ 0'32	28° 6	7°29	26°22	15°51	10°32	13°34	19♐24	29♐56	8°27	0♌18	0°18	20°40	n.a.	F 2
S 3	14 1 12	0°57'44	11♉14	8°11	27°36	16°10	10°34	13°37	19°21	29°56	8°28	0° 6	0°15	20°47	n.a.	S 3
S 4	14 5 8	1°54'55	24° 4	8°57	28°50	16°30	10°37	13°41	19°19	29°55	8°29	29♋54	0°12	20°53	n.a.	S 4
M 5	14 9 5	2°52'06	6♊37	9°47	0♉ 3	16°51	10°40	13°44	19°16	29°54	8°30	29°44	0° 9	21° 0	n.a.	M 5
T 6	14 13 1	3°49'16	18°55	10°40	1°17	17°11	10°43	13°47	19°14	29°54	8°31	29°36	0° 5	21° 7	n.a.	T 6
W 7	14 16 58	4°46'25	0♋58	11°37	2°30	17°32	10°47	13°50	19°12	29°53	8°32	29°31	0° 2	21°13	n.a.	W 7
T 8	14 20 55	5°43'33	12°52	12°38	3°44	17°54	10°50	13°53	19° 9	29°52	8°32	29°29	29♋59	21°20	n.a.	T 8
F 9	14 24 51	6°40'41	24°41	13°42	4°58	18°16	10°54	13°56	19° 7	29°51	8°33	29°28	29°56	21°27	n.a.	F 9
S 10	14 28 48	7°37'48	6♌30	14°50	6°11	18°38	10°58	13°59	19° 5	29°51	8°34	29°28	29°53	21°33	n.a.	S 10
S 11	14 32 44	8°34'54	18°24	16° 2	7°25	19° 1	11° 2	14° 2	19° 2	29°50	8°35	29°28	29°50	21°40	n.a.	S 11
M12	14 36 41	9°32'00	0♍29	17°16	8°39	19°24	11° 6	14° 4	19° 0	29°49	8°36	29°26	29°46	21°46	n.a.	M12
T 13	14 40 37	10°29'05	12°50	18°35	9°52	19°48	11°11	14° 7	18°58	29°48	8°36	29°23	29°43	21°53	n.a.	T 13
W14	14 44 34	11°26'09	25°31	19°56	11° 6	20°12	11°15	14° 9	18°56	29°47	8°37	29°16	29°40	22° 0	n.a.	W14
T 15	14 48 31	12°23'13	8♎34	21°21	12°19	20°36	11°20	14°11	18°53	29°46	8°38	29° 8	29°37	22° 6	n.a.	T 15
F 16	14 52 27	13°20'17	22° 1	22°49	13°33	21° 0	11°25	14°14	18°51	29°45	8°39	28°58	29°34	22°13	n.a.	F 16
S 17	14 56 24	14°17'20	5♏50	24°20	14°47	21°25	11°30	14°16	18°49	29°44	8°39	28°47	29°30	22°20	n.a.	S 17
S 18	15 0 20	15°14'23	19°58	25°55	16° 0	21°51	11°35	14°18	18°47	29°43	8°40	28°36	29°27	22°26	n.a.	S 18
M19	15 4 17	16°11'25	4♐20	27°32	17°14	22°16	11°40	14°20	18°45	29°42	8°41	28°27	29°24	22°33	n.a.	M19
T 20	15 8 13	17° 8'28	18°50	29°13	18°28	22°42	11°45	14°21	18°43	29°41	8°41	28°19	29°21	22°40	n.a.	T 20
W21	15 12 10	18° 5'31	3♑21	0♑57	19°41	23° 9	11°51	14°23	18°41	29°40	8°42	28°15	29°18	22°46	n.a.	W21
T 22	15 16 6	19° 2'35	17°48	2°43	20°55	23°35	11°57	14°25	18°39	29°39	8°43	28°13	29°15	22°53	n.a.	T 22
F 23	15 20 3	19°59'38	2♒ 7	4°33	22° 9	24° 2	12° 3	14°26	18°37	29°38	8°43	28°D13	29°11	23° 0	n.a.	F 23
S 24	15 24 0	20°56'42	16°17	6°25	23°23	24°29	12° 9	14°28	18°35	29°36	8°44	28°R13	29° 8	23° 6	n.a.	S 24
S 25	15 27 56	21°53'46	0♓16	8°20	24°36	24°57	12°15	14°29	18°33	29°35	8°44	28°13	29° 5	23°13	n.a.	S 25
M26	15 31 53	22°50'50	14° 4	10°18	25°50	25°25	12°21	14°30	18°31	29°34	8°45	28°11	29° 2	23°20	n.a.	M26
T 27	15 35 49	23°47'55	27°40	12°18	27° 4	25°53	12°27	14°31	18°29	29°33	8°45	28° 7	28°59	23°26	n.a.	T 27
W28	15 39 46	24°45'00	11♈ 5	14°20	28°18	26°21	12°34	14°33	18°27	29°32	8°46	28° 0	28°56	23°33	n.a.	W28
T 29	15 43 42	25°42'05	24°19	16°24	29°31	26°50	12°41	14°33	18°25	29°30	8°46	27°52	28°52	23°39	n.a.	T 29
F 30	15 47 39	26°39'11	7♉19	18°29	0♊45	27°19	12°47	14°34	18°23	29°29	8°47	27°42	28°49	23°46	n.a.	F 30
S 31	15 51 35	27♉36'18	20♉ 7	20♉36	1♊59	27♌48	12♌54	14♒35	18♐22	29♐28	8♓47	27♋31	28♋46	23♋53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n19	1n27	4s49	0s26	3s29	9n15	0s41	17n59	1n38	19n19	1n29	18s39	1s41	7s15	0n31	23s29	0n20	24s13	17s 3	20n22	20n24	21n22			n.a.
F 2	11 39	6 18	5 0	0 11	3 30	9 44	0 39	17 52	1 36	19 19	1 29	18 38	1 41	7 14	0 31	23 29	0 20	24 13	17 3	20 25	20 25	21 21			n.a.
S 3	12 0	10 46	4 55	0n 6	3 30	10 13	0 37	17 44	1 33	19 18	1 29	18 37	1 41	7 13	0 31	23 29	0 20	24 13	17 3	20 27	20 26	21 21			n.a.
S 4	12 20	14 40	4 35	0 25	3 28	10 42	0 35	17 35	1 31	19 17	1 29	18 36	1 41	7 12	0 31	23 29	0 20	24 13	17 4	20 30	20 26	21 21			n.a.
M 5	12 40	17 48	4 1	0 47	3 26	11 10	0 33	17 27	1 29	19 15	1 28	18 35	1 42	7 11	0 31	23 29	0 20	24 12	17 4	20 32	20 27	21 21			n.a.
T 6	13 0	20 5	3 17	1 11	3 23	11 38	0 30	17 19	1 27	19 14	1 28	18 35	1 42	7 10	0 31	23 29	0 20	24 12	17 4	20 34	20 28	21 21			n.a.
W 7	13 19	21 25	2 25	1 37	3 20	12 6	0 28	17 10	1 25	19 13	1 28	18 34	1 42	7 9	0 31	23 29	0 20	24 12	17 5	20 35	20 28	21 21			n.a.
T 8	13 39	21 45	1 27	2 5	3 15	12 34	0 26	17 1	1 23	19 12	1 28	18 33	1 42	7 9	0 31	23 29	0 20	24 12	17 5	20 35	20 29	21 20			n.a.
F 9	13 58	21 7	0 25	2 35	3 10	13 1	0 24	16 52	1 21	19 11	1 27	18 33	1 43	7 8	0 31	23 29	0 20	24 12	17 5	20 36	20 30	21 20			n.a.
S 10	14 17	19 33	0n37	3 6	3 5	13 28	0 21	16 43	1 18	19 9	1 27	18 32	1 43	7 7	0 31	23 29	0 20	24 12	17 5	20 36	20 30	21 20			n.a.
S 11	14 36	17 7	1 39	3 40	2 58	13 55	0 19	16 34	1 16	19 8	1 27	18 32	1 43	7 6	0 31	23 29	0 20	24 12	17 6	20 36	20 31	21 20			n.a.
M12	14 54	13 55	2 37	4 16	2 51	14 21	0 17	16 25	1 14	19 7	1 27	18 31	1 43	7 5	0 31	23 29	0 20	24 12	17 6	20 36	20 32	21 20			n.a.
T 13	15 12	10 3	3 29	4 53	2 44	14 47	0 14	16 16	1 12	19 5	1 27	18 31	1 44	7 4	0 31	23 29	0 20	24 12	17 6	20 37	20 32	21 19			n.a.
W14	15 30	5 39	4 12	5 31	2 36	15 13	0 12	16 6	1 10	19 4	1 26	18 30	1 44	7 3	0 31	23 29	0 20	24 12	17 7	20 38	20 33	21 19			n.a.
T 15	15 48	0 52	4 43	6 11	2 27	15 38	0 10	15 56	1 9	19 2	1 26	18 30	1 44	7 3	0 31	23 29	0 20	24 12	17 7	20 40	20 34	21 19			n.a.
F 16	16 6	4s 5	5 0	6 53	2 18	16 3	0 7	15 47	1 7	19 1	1 26	18 29	1 44	7 2	0 31	23 29	0 20	24 12	17 7	20 42	20 34	21 19			n.a.
S 17	16 23	8 59	5 0	7 36	2 8	16 27	0 5	15 37	1 5	18 59	1 26	18 29	1 45	7 1	0 31	23 29	0 20	24 12	17 8	20 44	20 35	21 18			n.a.
S 18	16 40	13 30	4 41	8 20	1 58	16 51	0 3	15 26	1 3	18 57	1 26	18 29	1 45	7 0	0 31	23 29	0 20	24 12	17 8	20 47	20 36	21 18			n.a.
M19	16 57	17 20	4 5	9 5	1 48	17 15	0 0	15 16	1 1	18 56	1 25	18 28	1 45	6 59	0 31	23 29	0 20	24 12	17 8	20 48	20 36	21 18			n.a.
T 20	17 14	20 9	3 13	9 52	1 37	17 38	0n 2	15 6	0 59	18 54	1 25	18 28	1 45	6 58	0 31	23 29	0 20	24 12	17 9	20 50	20 37	21 18			n.a.
W21	17 30	21 39	2 8	10 39	1 26	18 1	0 4	14 55	0 57	18 52	1 25	18 28	1 46	6 58	0 31	23 29	0 20	24 12	17 9	20 51	20 38	21 18			n.a.
T 22	17 46	21 43	0 55	11 27	1 15	18 23	0 7	14 45	0 55	18 50	1 25	18 27	1 46	6 57	0 31	23 29	0 20	24 12	17 9	20 51	20 38	21 17			n.a.
F 23	18 2	20 21	0s21	12 15	1 3	18 45	0 9	14 34	0 54	18 49	1 24	18 27	1 46	6 56	0 31	23 29	0 20	24 12	17 10	20 51	20 39	21 17			n.a.
S 24	18 17	17 43	1 35	13 4	0 52	19 6	0 12	14 23	0 52	18 47	1 24	18 27	1 46	6 55	0 31	23 29	0 20	24 12	17 10	20 51	20 40	21 17			n.a.
S 25	18 32	14 5	2 42	13 53	0 40	19 27	0 14	14 12	0 50	18 45	1 24	18 27	1 47	6 55	0 31	23 29	0 20	24 12	17 10	20 51	20 40	21 16			n.a.
M26	18 47	9 44	3 39	14 41	0 29	19 47	0 16	14 1	0 48	18 43	1 24	18 27	1 47	6 54	0 31	23 29	0 20	24 13	17 11	20 52	20 41	21 16			n.a.
T 27	19 2	4 57	4 23	15 30	0 17	20 7	0 19	13 50	0 47	18 41	1 24	18 27	1 47	6 53	0 31	23 29	0 20	24 13	17 11	20 52	20 42	21 16			n.a.
W28	19 16	0n 0	4 51	16 18	0 6	20 26	0 21	13 38	0 45	18 39	1 23	18 27	1 47	6 53	0 30	23 29	0 20	24 13	17 11	20 54	20 42	21 16			n.a.
T 29	19 30	4 53	5 3	17 5	0n 5	20 45	0 23	13 27	0 43	18 36	1 23	18 27	1 48	6 52	0 30	23 29	0 20	24 13	17 12	20 56	20 43	21 15			n.a.
F 30	19 43	9 28	5 0	17 52	0 16	21 3	0 25	13 15	0 42	18 34	1 23	18 27	1 48	6 51	0 30	23 29	0 20	24 13	17 12	20 58	20 44	21 15			n.a.
S 31	19n57	13n33	4s41	18n37	0n26	21n21	0n28	13n 3	0n40	18n32	1n23	18s27	1s48	6s51	0n30	23s29	0n20	24s13	17s12	21n 0	20n44	21n15			n.a.

Julian Day Number = 1309541.5, Delta T = 07h42m52s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'29, Lahiri = -19°31'29 Julian Calendar 1 May 1128 BCE == Greg. Calendar 20 Apr. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

JUNE 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 32	28♉33'24	2♊41	22♉43	3♊13	28♌18	13♌ 2	14♒36	18°R20	29°R26	8♓48	27°R21	28♋43	23♋59	n.a.	S 1
M 2	15 59 29	29°30'31	15° 2	24°52	4°26	28°47	13° 9	14°36	18♎18	29♐25	8°48	27♋13	28°40	24° 6	n.a.	M 2
T 3	16 3 25	0♊27'38	27°10	27° 1	5°40	29°18	13°16	14°37	18°17	29°24	8°48	27° 6	28°36	24°13	n.a.	T 3
W 4	16 7 22	1°24'46	9♋ 8	29°10	6°54	29°48	13°24	14°37	18°15	29°22	8°49	27° 2	28°33	24°19	n.a.	W 4
T 5	16 11 18	2°21'54	20°59	1♊19	8° 8	0♍18	13°31	14°37	18°13	29°21	8°49	27° 1	28°30	24°26	n.a.	T 5
F 6	16 15 15	3°19'02	2♌46	3°28	9°22	0°49	13°39	14°37	18°12	29°20	8°49	27°D 1	28°27	24°33	n.a.	F 6
S 7	16 19 11	4°16'10	14°34	5°36	10°35	1°20	13°47	14°R37	18°10	29°18	8°50	27° 2	28°24	24°39	n.a.	S 7
S 8	16 23 8	5°13'19	26°28	7°44	11°49	1°52	13°55	14°37	18° 9	29°17	8°50	27° 3	28°21	24°46	n.a.	S 8
M 9	16 27 5	6°10'28	8♍32	9°50	13° 3	2°23	14° 3	14°37	18° 8	29°15	8°50	27°R 3	28°17	24°53	n.a.	M 9
T 10	16 31 1	7° 7'37	20°52	11°55	14°17	2°55	14°11	14°37	18° 6	29°14	8°50	27° 2	28°14	24°59	n.a.	T 10
W11	16 34 58	8° 4'46	3♎34	13°59	15°31	3°27	14°19	14°36	18° 5	29°12	8°50	26°59	28°11	25° 6	n.a.	W11
T 12	16 38 54	9° 1'56	16°39	16° 1	16°45	3°59	14°28	14°36	18° 4	29°11	8°51	26°54	28° 8	25°12	n.a.	T 12
F 13	16 42 51	9°59'07	0♏11	18° 2	17°59	4°32	14°36	14°35	18° 2	29° 9	8°51	26°48	28° 5	25°19	n.a.	F 13
S 14	16 46 47	10°56'18	14° 9	20° 2	19°12	5° 4	14°45	14°34	18° 1	29° 8	8°51	26°41	28° 1	25°26	n.a.	S 14
S 15	16 50 44	11°53'29	28°31	22° 0	20°26	5°37	14°54	14°34	18° 0	29° 6	8°51	26°34	27°58	25°32	n.a.	S 15
M16	16 54 40	12°50'42	13♐11	23°56	21°40	6°10	15° 3	14°33	17°59	29° 5	8°51	26°28	27°55	25°39	n.a.	M16
T 17	16 58 37	13°47'55	28° 2	25°51	22°54	6°43	15°12	14°32	17°58	29° 3	8°51	26°24	27°52	25°46	n.a.	T 17
W18	17 2 34	14°45'09	12♑56	27°44	24° 8	7°17	15°21	14°30	17°57	29° 2	8°51	26°21	27°49	25°52	n.a.	W18
T 19	17 6 30	15°42'24	27°45	29°35	25°22	7°51	15°30	14°29	17°56	29° 0	8°51	26°D20	27°46	25°59	n.a.	T 19
F 20	17 10 27	16°39'41	12♒23	1♋25	26°36	8°24	15°39	14°28	17°55	28°58	8°R51	26°21	27°42	26° 6	n.a.	F 20
S 21	17 14 23	17°36'58	26°46	3°12	27°50	8°59	15°49	14°27	17°54	28°57	8°51	26°22	27°39	26°12	n.a.	S 21
S 22	17 18 20	18°34'17	10♓50	4°59	29° 4	9°33	15°58	14°25	17°54	28°55	8°51	26°24	27°36	26°19	n.a.	S 22
M23	17 22 16	19°31'37	24°37	6°43	0♋18	10° 7	16° 8	14°23	17°53	28°54	8°51	26°R24	27°33	26°26	n.a.	M23
T 24	17 26 13	20°28'58	8♈ 5	8°26	1°32	10°42	16°17	14°22	17°52	28°52	8°51	26°22	27°30	26°32	n.a.	T 24
W25	17 30 10	21°26'21	21°16	10° 7	2°45	11°17	16°27	14°20	17°51	28°50	8°51	26°19	27°27	26°39	n.a.	W25
T 26	17 34 6	22°23'45	4♉12	11°47	3°59	11°52	16°37	14°18	17°51	28°49	8°51	26°15	27°23	26°46	n.a.	T 26
F 27	17 38 3	23°21'11	16°54	13°25	5°13	12°27	16°47	14°16	17°50	28°47	8°51	26°10	27°20	26°52	n.a.	F 27
S 28	17 41 59	24°18'38	29°23	15° 1	6°27	13° 2	16°57	14°14	17°50	28°46	8°50	26° 5	27°17	26°59	n.a.	S 28
S 29	17 45 56	25°16'06	11♊40	16°36	7°41	13°38	17° 7	14°12	17°49	28°44	8°50	25°59	27°14	27° 5	n.a.	S 29
M30	17 49 52	26♊13'35	23♊48	18♋ 9	8♋55	14♍14	17♌17	14♒10	17♎49	28♐42	8♓50	25♋55	27♋11	27♋12	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n10	16n58	4s 9	19n20	0n36	21n38	0n30	12n51	0n38	18n30	1n23	18s27	1s48	6s50	0n30	23s29	0n20	24s13	17s13	21n 2	20n45	21n14		n.a.
M 2	20 22	19 34	3 25	20 2	0 46	21 54	0 32	12 39	0 37	18 28	1 23	18 27	1 49	6 49	0 30	23 29	0 20	24 14	17 13	21 3	20 46	21 14		n.a.
T 3	20 35	21 15	2 33	20 42	0 55	22 10	0 34	12 27	0 35	18 25	1 22	18 27	1 49	6 49	0 30	23 29	0 20	24 14	17 13	21 5	20 46	21 14		n.a.
W 4	20 47	21 56	1 35	21 20	1 4	22 25	0 37	12 15	0 33	18 23	1 22	18 27	1 49	6 48	0 30	23 29	0 20	24 14	17 14	21 5	20 47	21 14		n.a.
T 5	20 58	21 38	0 32	21 55	1 11	22 39	0 39	12 2	0 32	18 20	1 22	18 27	1 49	6 48	0 30	23 29	0 20	24 14	17 14	21 6	20 48	21 13		n.a.
F 6	21 10	20 22	0n31	22 28	1 19	22 53	0 41	11 50	0 30	18 18	1 22	18 27	1 50	6 47	0 30	23 29	0 20	24 14	17 15	21 6	20 48	21 13		n.a.
S 7	21 21	18 13	1 33	22 59	1 25	23 6	0 43	11 37	0 29	18 16	1 22	18 28	1 50	6 46	0 30	23 29	0 20	24 15	17 15	21 6	20 49	21 13		n.a.
S 8	21 31	15 16	2 32	23 27	1 31	23 19	0 45	11 24	0 27	18 13	1 21	18 28	1 50	6 46	0 30	23 29	0 20	24 15	17 15	21 5	20 50	21 12		n.a.
M 9	21 41	11 40	3 25	23 52	1 36	23 31	0 47	11 12	0 26	18 10	1 21	18 28	1 50	6 45	0 30	23 29	0 20	24 15	17 16	21 5	20 50	21 12		n.a.
T 10	21 51	7 29	4 10	24 15	1 41	23 42	0 49	10 59	0 24	18 8	1 21	18 29	1 51	6 45	0 30	23 29	0 20	24 15	17 16	21 6	20 51	21 12		n.a.
W11	22 1	2 53	4 43	24 34	1 44	23 52	0 51	10 45	0 23	18 5	1 21	18 29	1 51	6 44	0 30	23 29	0 20	24 16	17 16	21 6	20 52	21 11		n.a.
T 12	22 10	1s59	5 4	24 52	1 47	24 2	0 53	10 32	0 21	18 3	1 21	18 29	1 51	6 44	0 30	23 29	0 20	24 16	17 17	21 7	20 52	21 11		n.a.
F 13	22 18	6 55	5 8	25 6	1 50	24 11	0 55	10 19	0 20	18 0	1 21	18 30	1 51	6 44	0 30	23 29	0 20	24 16	17 17	21 8	20 53	21 10		n.a.
S 14	22 27	11 40	4 55	25 18	1 51	24 19	0 57	10 5	0 18	17 57	1 20	18 30	1 52	6 43	0 30	23 29	0 20	24 16	17 17	21 10	20 54	21 10		n.a.
S 15	22 35	15 53	4 22	25 27	1 52	24 27	0 59	9 52	0 17	17 54	1 20	18 31	1 52	6 43	0 30	23 29	0 20	24 17	17 18	21 11	20 54	21 10		n.a.
M16	22 42	19 14	3 32	25 34	1 53	24 34	1 0	9 38	0 16	17 51	1 20	18 31	1 52	6 42	0 30	23 29	0 20	24 17	17 18	21 12	20 55	21 9		n.a.
T 17	22 50	21 21	2 28	25 38	1 52	24 40	1 2	9 24	0 14	17 49	1 20	18 32	1 52	6 42	0 30	23 29	0 20	24 17	17 19	21 13	20 55	21 9		n.a.
W18	22 56	21 59	1 12	25 40	1 52	24 46	1 4	9 10	0 13	17 46	1 20	18 32	1 53	6 42	0 30	23 29	0 20	24 18	17 19	21 13	20 56	21 9		n.a.
T 19	23 3	21 4	0s 8	25 40	1 50	24 50	1 6	8 56	0 11	17 43	1 20	18 33	1 53	6 41	0 30	23 29	0 20	24 18	17 19	21 14	20 57	21 8		n.a.
F 20	23 9	18 44	1 26	25 37	1 48	24 54	1 7	8 42	0 10	17 40	1 19	18 33	1 53	6 41	0 30	23 29	0 20	24 18	17 20	21 13	20 57	21 8		n.a.
S 21	23 14	15 16	2 38	25 33	1 46	24 57	1 9	8 28	0 9	17 37	1 19	18 34	1 53	6 41	0 30	23 29	0 20	24 19	17 20	21 13	20 58	21 7		n.a.
S 22	23 20	10 59	3 39	25 27	1 43	25 0	1 10	8 14	0 7	17 34	1 19	18 35	1 54	6 40	0 30	23 29	0 20	24 19	17 20	21 13	20 59	21 7		n.a.
M23	23 24	6 13	4 25	25 18	1 39	25 1	1 12	7 59	0 6	17 31	1 19	18 36	1 54	6 40	0 30	23 29	0 20	24 19	17 21	21 13	20 59	21 7		n.a.
T 24	23 29	1 16	4 56	25 8	1 35	25 2	1 13	7 45	0 5	17 28	1 19	18 36	1 54	6 40	0 30	23 29	0 20	24 20	17 21	21 13	21 0	21 6		n.a.
W25	23 33	3n38	5 11	24 57	1 31	25 2	1 14	7 30	0 3	17 25	1 19	18 37	1 54	6 40	0 30	23 29	0 20	24 20	17 21	21 14	21 1	21 6		n.a.
T 26	23 36	8 17	5 9	24 43	1 26	25 2	1 16	7 15	0 2	17 21	1 19	18 38	1 55	6 39	0 30	23 29	0 20	24 20	17 22	21 15	21 1	21 5		n.a.
F 27	23 39	12 30	4 52	24 29	1 21	25 0	1 17	7 1	0 1	17 18	1 18	18 39	1 55	6 39	0 30	23 29	0 20	24 21	17 22	21 16	21 2	21 5		n.a.
S 28	23 42	16 6	4 21	24 13	1 15	24 58	1 18	6 46	0s 0	17 15	1 18	18 40	1 55	6 39	0 30	23 29	0 20	24 21	17 22	21 17	21 2	21 4		n.a.
S 29	23 44	18 56	3 39	23 55	1 9	24 55	1 19	6 31	0 2	17 12	1 18	18 40	1 55	6 39	0 30	23 29	0 20	24 21	17 23	21 18	21 3	21 4		n.a.
M30	23n46	20n54	2s47	23n36	1n 3	24n52	1n20	6n16	0s 3	17n 8	1n18	18s41	1s56	6s39	0n30	23s29	0n20	24s22	17s23	21n18	21n 4	21n 4		n.a.

Julian Day Number = 1309572.5, Delta T = 07h42m51s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'25, Lahiri = -19°31'25 Julian Calendar 1 June 1128 BCE == Greg. Calendar 21 May 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

JULY 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 49	27♊11'06	5♋47	19♋40	10♋ 9	14♍50	17♌28	14°R 7	17°R49	28°R41	8°R50	25°R52	27♋ 7	27♋19	n.a.	T 1
W 2	17 57 45	28° 8'38	17°39	21°10	11°23	15°26	17°38	14♒ 5	17♎48	28♐39	8♓50	25♋51	27° 4	27°25	n.a.	W 2
T 3	18 1 42	29° 6'11	29°27	22°38	12°37	16° 2	17°49	14° 2	17°48	28°37	8°49	25°D50	27° 1	27°32	n.a.	T 3
F 4	18 5 39	0♋ 3'46	11♌13	24° 5	13°51	16°38	17°59	14° 0	17°48	28°36	8°49	25°51	26°58	27°39	n.a.	F 4
S 5	18 9 35	1° 1'21	23° 1	25°29	15° 5	17°15	18°10	13°57	17°48	28°34	8°49	25°53	26°55	27°45	n.a.	S 5
S 6	18 13 32	1°58'58	4♍55	26°52	16°19	17°52	18°21	13°54	17°47	28°32	8°48	25°54	26°52	27°52	n.a.	S 6
M 7	18 17 28	2°56'36	16°59	28°13	17°33	18°29	18°32	13°51	17°47	28°31	8°48	25°56	26°48	27°59	n.a.	M 7
T 8	18 21 25	3°54'15	29°18	29°33	18°47	19° 6	18°42	13°48	17°D47	28°29	8°48	25°R57	26°45	28° 5	n.a.	T 8
W 9	18 25 21	4°51'55	11♎56	0♌50	20° 2	19°43	18°53	13°45	17°47	28°28	8°47	25°56	26°42	28°12	n.a.	W 9
T 10	18 29 18	5°49'37	24°58	2° 5	21°16	20°20	19° 4	13°42	17°48	28°26	8°47	25°55	26°39	28°19	n.a.	T 10
F 11	18 33 14	6°47'19	8♏26	3°19	22°30	20°58	19°16	13°39	17°48	28°24	8°46	25°54	26°36	28°25	n.a.	F 11
S 12	18 37 11	7°45'03	22°21	4°30	23°44	21°35	19°27	13°36	17°48	28°23	8°46	25°51	26°33	28°32	n.a.	S 12
S 13	18 41 8	8°42'49	6♐44	5°40	24°58	22°13	19°38	13°32	17°48	28°21	8°45	25°49	26°29	28°39	n.a.	S 13
M14	18 45 4	9°40'36	21°29	6°47	26°12	22°51	19°49	13°29	17°48	28°20	8°45	25°47	26°26	28°45	n.a.	M14
T 15	18 49 1	10°38'24	6♑30	7°52	27°26	23°29	20° 1	13°25	17°49	28°18	8°44	25°46	26°23	28°52	n.a.	T 15
W16	18 52 57	11°36'15	21°39	8°54	28°40	24° 8	20°12	13°22	17°49	28°16	8°44	25°D45	26°20	28°58	n.a.	W16
T 17	18 56 54	12°34'06	6♒46	9°54	29°54	24°46	20°24	13°18	17°50	28°15	8°43	25°45	26°17	29° 5	n.a.	T 17
F 18	19 0 50	13°32'00	21°43	10°51	1♌ 8	25°24	20°35	13°14	17°50	28°13	8°43	25°46	26°13	29°12	n.a.	F 18
S 19	19 4 47	14°29'56	6♓23	11°45	2°22	26° 3	20°47	13°11	17°51	28°12	8°42	25°47	26°10	29°18	n.a.	S 19
S 20	19 8 43	15°27'53	20°41	12°36	3°36	26°42	20°59	13° 7	17°51	28°10	8°41	25°48	26° 7	29°25	n.a.	S 20
M21	19 12 40	16°25'52	4♈35	13°24	4°50	27°21	21°10	13° 3	17°52	28° 9	8°41	25°48	26° 4	29°32	n.a.	M21
T 22	19 16 37	17°23'54	18° 4	14° 9	6° 4	28° 0	21°22	12°59	17°53	28° 7	8°40	25°R49	26° 1	29°38	n.a.	T 22
W23	19 20 33	18°21'58	1♉11	14°50	7°18	28°39	21°34	12°55	17°54	28° 6	8°40	25°48	25°58	29°45	n.a.	W23
T 24	19 24 30	19°20'03	13°58	15°27	8°32	29°18	21°46	12°51	17°54	28° 4	8°39	25°48	25°54	29°52	n.a.	T 24
F 25	19 28 26	20°18'11	26°28	16° 1	9°46	29°58	21°58	12°47	17°55	28° 3	8°38	25°47	25°51	29°58	n.a.	F 25
S 26	19 32 23	21°16'21	8♊44	16°29	11° 0	0♎37	22°10	12°43	17°56	28° 1	8°37	25°47	25°48	0♌ 5	n.a.	S 26
S 27	19 36 19	22°14'33	20°49	16°54	12°14	1°17	22°22	12°38	17°57	28° 0	8°37	25°46	25°45	0°12	n.a.	S 27
M28	19 40 16	23°12'48	2♋46	17°13	13°28	1°57	22°34	12°34	17°58	27°58	8°36	25°46	25°42	0°18	n.a.	M28
T 29	19 44 12	24°11'04	14°37	17°27	14°42	2°37	22°46	12°30	17°59	27°57	8°35	25°46	25°39	0°25	n.a.	T 29
W30	19 48 9	25° 9'22	26°25	17°36	15°56	3°17	22°59	12°25	18° 0	27°55	8°34	25°D46	25°35	0°32	n.a.	W30
T 31	19 52 6	26♋ 7'42	8♌11	17°R38	17♌10	3♎57	23♌11	12♒21	18♎ 2	27♐54	8♓34	25°R46	25♋32	0♌38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	21n54	1s48	23n17	0n56	24n47	1n21	6n 0	0s 4	17n 5	1n18	18s42	1s56	6s39	0n29	23s29	0n20	24s22	17s23	21n19	21n 4	21n 3			n.a.
W 2	23 49	21 54	0 45	22 56	0 49	24 42	1 22	5 45	0 5	17 2	1 18	18 43	1 56	6 39	0 29	23 29	0 20	24 23	17 24	21 19	21 5	21 3			n.a.
T 3	23 49	20 55	0n20	22 34	0 41	24 36	1 23	5 30	0 7	16 58	1 18	18 44	1 56	6 39	0 29	23 29	0 20	24 23	17 24	21 19	21 6	21 2			n.a.
F 4	23 50	19 2	1 24	22 12	0 33	24 29	1 24	5 14	0 8	16 55	1 17	18 45	1 57	6 38	0 29	23 29	0 20	24 24	17 25	21 19	21 6	21 2			n.a.
S 5	23 49	16 20	2 24	21 48	0 25	24 22	1 25	4 59	0 9	16 51	1 17	18 46	1 57	6 38	0 29	23 29	0 20	24 24	17 25	21 19	21 7	21 1			n.a.
S 6	23 49	12 57	3 19	21 24	0 17	24 14	1 26	4 43	0 10	16 48	1 17	18 47	1 57	6 38	0 29	23 29	0 20	24 24	17 25	21 19	21 7	21 1			n.a.
M 7	23 48	8 59	4 6	21 0	0 9	24 5	1 26	4 27	0 11	16 44	1 17	18 48	1 57	6 38	0 29	23 29	0 20	24 25	17 26	21 18	21 8	21 0			n.a.
T 8	23 46	4 36	4 43	20 34	0s 0	23 55	1 27	4 12	0 12	16 41	1 17	18 49	1 57	6 38	0 29	23 29	0 20	24 25	17 26	21 18	21 9	21 0			n.a.
W 9	23 44	0s 6	5 7	20 9	0 9	23 45	1 27	3 56	0 14	16 37	1 17	18 50	1 58	6 39	0 29	23 29	0 20	24 26	17 26	21 18	21 9	20 59			n.a.
T 10	23 42	4 55	5 16	19 43	0 19	23 34	1 28	3 40	0 15	16 34	1 17	18 52	1 58	6 39	0 29	23 29	0 20	24 26	17 27	21 18	21 10	20 59			n.a.
F 11	23 39	9 41	5 9	19 17	0 28	23 22	1 28	3 24	0 16	16 30	1 17	18 53	1 58	6 39	0 29	23 29	0 20	24 27	17 27	21 19	21 11	20 58			n.a.
S 12	23 36	14 6	4 43	18 50	0 38	23 10	1 29	3 8	0 17	16 26	1 17	18 54	1 58	6 39	0 29	23 29	0 20	24 27	17 27	21 19	21 11	20 58			n.a.
S 13	23 32	17 51	3 59	18 24	0 47	22 56	1 29	2 52	0 18	16 23	1 16	18 55	1 58	6 39	0 29	23 29	0 20	24 28	17 28	21 20	21 12	20 57			n.a.
M14	23 28	20 35	2 59	17 57	0 57	22 43	1 29	2 35	0 19	16 19	1 16	18 56	1 59	6 39	0 29	23 29	0 20	24 28	17 28	21 20	21 12	20 57			n.a.
T 15	23 24	21 55	1 45	17 31	1 8	22 28	1 29	2 19	0 20	16 15	1 16	18 57	1 59	6 39	0 29	23 29	0 20	24 29	17 28	21 20	21 13	20 56			n.a.
W16	23 19	21 41	0 23	17 4	1 18	22 13	1 29	2 3	0 21	16 11	1 16	18 59	1 59	6 39	0 29	23 29	0 20	24 29	17 28	21 20	21 14	20 56			n.a.
T 17	23 13	19 52	1s 1	16 38	1 28	21 57	1 29	1 46	0 22	16 7	1 16	19 0	1 59	6 40	0 29	23 29	0 20	24 30	17 29	21 20	21 14	20 55			n.a.
F 18	23 8	16 41	2 19	16 13	1 39	21 41	1 29	1 30	0 23	16 4	1 16	19 1	1 59	6 40	0 29	23 29	0 20	24 30	17 29	21 20	21 15	20 55			n.a.
S 19	23 1	12 30	3 27	15 48	1 49	21 24	1 29	1 13	0 24	16 0	1 16	19 2	2 0	6 40	0 29	23 29	0 20	24 31	17 29	21 20	21 15	20 54			n.a.
S 20	22 55	7 43	4 20	15 23	2 0	21 6	1 29	0 57	0 25	15 56	1 16	19 4	2 0	6 40	0 29	23 29	0 20	24 31	17 30	21 20	21 16	20 54			n.a.
M21	22 48	2 40	4 56	15 0	2 10	20 48	1 29	0 40	0 26	15 52	1 16	19 5	2 0	6 41	0 29	23 29	0 20	24 32	17 30	21 20	21 17	20 53			n.a.
T 22	22 40	2n22	5 15	14 37	2 21	20 29	1 28	0 23	0 27	15 48	1 16	19 6	2 0	6 41	0 29	23 29	0 20	24 32	17 30	21 20	21 17	20 53			n.a.
W23	22 33	7 8	5 16	14 15	2 31	20 10	1 28	0 7	0 28	15 44	1 16	19 8	2 0	6 41	0 29	23 29	0 20	24 33	17 31	21 20	21 18	20 52			n.a.
T 24	22 24	11 29	5 2	13 54	2 41	19 50	1 27	0s10	0 29	15 40	1 15	19 9	2 0	6 42	0 29	23 29	0 20	24 33	17 31	21 20	21 19	20 51			n.a.
F 25	22 16	15 15	4 33	13 34	2 51	19 29	1 27	0 27	0 30	15 36	1 15	19 10	2 1	6 42	0 29	23 29	0 20	24 34	17 31	21 20	21 19	20 51			n.a.
S 26	22 7	18 17	3 53	13 16	3 1	19 8	1 26	0 44	0 31	15 32	1 15	19 12	2 1	6 42	0 29	23 29	0 20	24 34	17 31	21 20	21 20	20 50			n.a.
S 27	21 57	20 28	3 2	13 0	3 11	18 46	1 25	1 1	0 32	15 28	1 15	19 13	2 1	6 43	0 29	23 29	0 19	24 35	17 32	21 20	21 20	20 50			n.a.
M28	21 48	21 43	2 4	12 45	3 20	18 24	1 25	1 18	0 33	15 24	1 15	19 14	2 1	6 43	0 29	23 29	0 19	24 35	17 32	21 20	21 21	20 49			n.a.
T 29	21 37	21 59	1 2	12 32	3 29	18 1	1 24	1 35	0 34	15 20	1 15	19 16	2 1	6 44	0 29	23 29	0 19	24 36	17 32	21 20	21 22	20 48			n.a.
W30	21 27	21 16	0n 4	12 22	3 37	17 38	1 23	1 52	0 35	15 16	1 15	19 17	2 1	6 44	0 29	23 29	0 19	24 36	17 32	21 20	21 22	20 48			n.a.
T 31	21n16	19n37	1n 9	12n14	3s45	17n14	1n22	2s 9	0s36	15n11	1n15	19s19	2s 2	6s45	0n28	23s29	0n19	24s37	17s33	21n20	21n23	20n47			n.a.

Julian Day Number = 1309602.5, Delta T = 07h42m49s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'21, Lahiri = -19°31'21 Julian Calendar 1 July 1128 BCE == Greg. Calendar 20 June 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

AUGUST 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 56 2	27♋ 6'04	20♌ 0	17°R35	18♌24	4♎38	23♌23	12°R17	18♎ 3	27°R53	8°R33	25°R46	25♋29	0♌45	n.a.	F 1
S 2	19 59 59	28° 4'28	1♍51	17♌25	19°38	5°18	23°36	12♒12	18° 4	27♐51	8♓32	25♋45	25°26	0°51	n.a.	S 2
S 3	20 3 55	29° 2'53	13°50	17° 9	20°52	5°59	23°48	12° 8	18° 5	27°50	8°31	25°45	25°23	0°58	n.a.	S 3
M 4	20 7 52	0♌ 1'21	25°58	16°47	22° 6	6°39	24° 0	12° 3	18° 7	27°49	8°30	25°45	25°19	1° 5	n.a.	M 4
T 5	20 11 48	0°59'50	8♎19	16°17	23°20	7°20	24°13	11°59	18° 8	27°47	8°29	25°44	25°16	1°11	n.a.	T 5
W 6	20 15 45	1°58'21	20°56	15°41	24°34	8° 1	24°25	11°54	18°10	27°46	8°28	25°44	25°13	1°18	n.a.	W 6
T 7	20 19 41	2°56'54	3♏53	14°59	25°48	8°42	24°38	11°49	18°11	27°45	8°28	25°D44	25°10	1°25	n.a.	T 7
F 8	20 23 38	3°55'28	17°13	14°11	27° 2	9°23	24°51	11°45	18°13	27°43	8°27	25°44	25° 7	1°31	n.a.	F 8
S 9	20 27 34	4°54'05	0♐59	13°17	28°16	10° 5	25° 3	11°40	18°14	27°42	8°26	25°44	25° 4	1°38	n.a.	S 9
S 10	20 31 31	5°52'43	15°10	12°19	29°30	10°46	25°16	11°35	18°16	27°41	8°25	25°45	25° 0	1°45	n.a.	S 10
M11	20 35 28	6°51'23	29°46	11°18	0♍44	11°28	25°29	11°31	18°18	27°40	8°24	25°46	24°57	1°51	n.a.	M11
T 12	20 39 24	7°50'05	14♑41	10°14	1°58	12° 9	25°41	11°26	18°20	27°39	8°23	25°47	24°54	1°58	n.a.	T 12
W13	20 43 21	8°48'49	29°50	9°10	3°12	12°51	25°54	11°21	18°21	27°38	8°22	25°R47	24°51	2° 5	n.a.	W13
T 14	20 47 17	9°47'35	15♒ 3	8° 7	4°26	13°33	26° 7	11°17	18°23	27°36	8°21	25°46	24°48	2°11	n.a.	T 14
F 15	20 51 14	10°46'24	0♓11	7° 5	5°39	14°14	26°20	11°12	18°25	27°35	8°20	25°45	24°45	2°18	n.a.	F 15
S 16	20 55 10	11°45'14	15° 4	6° 8	6°53	14°56	26°33	11° 7	18°27	27°34	8°19	25°43	24°41	2°25	n.a.	S 16
S 17	20 59 7	12°44'07	29°35	5°16	8° 7	15°39	26°45	11° 2	18°29	27°33	8°18	25°41	24°38	2°31	n.a.	S 17
M18	21 3 3	13°43'02	13♈41	4°31	9°21	16°21	26°58	10°58	18°31	27°32	8°17	25°39	24°35	2°38	n.a.	M18
T 19	21 7 0	14°41'59	27°18	3°54	10°35	17° 3	27°11	10°53	18°33	27°31	8°16	25°37	24°32	2°44	n.a.	T 19
W20	21 10 57	15°40'59	10♉28	3°26	11°49	17°45	27°24	10°48	18°35	27°30	8°15	25°D36	24°29	2°51	n.a.	W20
T 21	21 14 53	16°40'02	23°14	3° 8	13° 2	18°28	27°37	10°44	18°38	27°29	8°14	25°36	24°25	2°58	n.a.	T 21
F 22	21 18 50	17°39'07	5♊40	3°D 0	14°16	19°10	27°50	10°39	18°40	27°28	8°13	25°37	24°22	3° 4	n.a.	F 22
S 23	21 22 46	18°38'15	17°49	3° 2	15°30	19°53	28° 3	10°34	18°42	27°28	8°12	25°39	24°19	3°11	n.a.	S 23
S 24	21 26 43	19°37'24	29°47	3°14	16°44	20°36	28°16	10°30	18°44	27°27	8°10	25°41	24°16	3°18	n.a.	S 24
M25	21 30 39	20°36'37	11♋38	3°36	17°58	21°19	28°29	10°25	18°47	27°26	8° 9	25°42	24°13	3°24	n.a.	M25
T 26	21 34 36	21°35'51	23°25	4° 8	19°11	22° 2	28°42	10°21	18°49	27°25	8° 8	25°R43	24°10	3°31	n.a.	T 26
W27	21 38 32	22°35'08	5♌12	4°49	20°25	22°45	28°55	10°16	18°52	27°24	8° 7	25°42	24° 6	3°38	n.a.	W27
T 28	21 42 29	23°34'28	17° 1	5°39	21°39	23°28	29° 8	10°11	18°54	27°24	8° 6	25°41	24° 3	3°44	n.a.	T 28
F 29	21 46 25	24°33'49	28°55	6°36	22°53	24°11	29°22	10° 7	18°56	27°23	8° 5	25°37	24° 0	3°51	n.a.	F 29
S 30	21 50 22	25°33'13	10♍55	7°41	24° 6	24°54	29°35	10° 2	18°59	27°22	8° 4	25°33	23°57	3°58	n.a.	S 30
S 31	21 54 19	26♌32'38	23♍ 4	8♌52	25♍20	25♎38	29♌48	9♒58	19♎ 2	27♐22	8♓ 3	25♋28	23♋54	4♌ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 5	17n 7	2n11	12n 8	3s52	16n50	1n21	2s26	0s37	15n 7	1n15	19s20	2s 2	6s45	0n28	23s29	0n19	24s38	17s33	21n20	21n23	20n47		n.a.
S 2	20 53	13 54	3 8	12 5	3 58	16 26	1 20	2 43	0 38	15 3	1 15	19 21	2 2	6 46	0 28	23 29	0 19	24 38	17 33	21 20	21 24	20 46		n.a.
S 3	20 41	10 5	3 57	12 6	4 3	16 1	1 19	3 0	0 39	14 59	1 15	19 23	2 2	6 46	0 28	23 29	0 19	24 39	17 33	21 20	21 24	20 45		n.a.
M 4	20 28	5 50	4 36	12 9	4 7	15 35	1 17	3 17	0 40	14 54	1 15	19 24	2 2	6 47	0 28	23 29	0 19	24 39	17 34	21 20	21 25	20 45		n.a.
T 5	20 16	1 17	5 3	12 15	4 9	15 9	1 16	3 35	0 40	14 50	1 15	19 26	2 2	6 47	0 28	23 29	0 19	24 40	17 34	21 20	21 26	20 44		n.a.
W 6	20 3	3s25	5 17	12 25	4 10	14 43	1 15	3 52	0 41	14 46	1 15	19 27	2 2	6 48	0 28	23 29	0 19	24 40	17 34	21 21	21 26	20 44		n.a.
T 7	19 49	8 5	5 15	12 38	4 10	14 16	1 13	4 9	0 42	14 42	1 15	19 29	2 2	6 49	0 28	23 29	0 19	24 41	17 34	21 21	21 27	20 43		n.a.
F 8	19 35	12 31	4 56	12 54	4 7	13 49	1 12	4 26	0 43	14 37	1 15	19 30	2 2	6 49	0 28	23 29	0 19	24 41	17 35	21 21	21 27	20 42		n.a.
S 9	19 21	16 27	4 20	13 13	4 3	13 22	1 10	4 43	0 44	14 33	1 15	19 31	2 3	6 50	0 28	23 29	0 19	24 42	17 35	21 20	21 28	20 42		n.a.
S 10	19 6	19 34	3 27	13 36	3 57	12 54	1 9	5 1	0 45	14 28	1 14	19 33	2 3	6 51	0 28	23 29	0 19	24 43	17 35	21 20	21 29	20 41		n.a.
M11	18 52	21 30	2 20	14 0	3 49	12 26	1 7	5 18	0 45	14 24	1 14	19 34	2 3	6 51	0 28	23 29	0 19	24 43	17 35	21 20	21 29	20 40		n.a.
T 12	18 36	21 59	1 1	14 28	3 38	11 58	1 5	5 35	0 46	14 20	1 14	19 36	2 3	6 52	0 28	23 29	0 19	24 44	17 35	21 20	21 30	20 40		n.a.
W13	18 21	20 53	0s22	14 57	3 26	11 29	1 3	5 52	0 47	14 15	1 14	19 37	2 3	6 53	0 28	23 29	0 19	24 44	17 36	21 20	21 30	20 39		n.a.
T 14	18 5	18 15	1 45	15 27	3 12	11 0	1 2	6 10	0 48	14 11	1 14	19 39	2 3	6 53	0 28	23 29	0 19	24 45	17 36	21 20	21 31	20 38		n.a.
F 15	17 49	14 23	2 59	15 57	2 56	10 30	1 0	6 27	0 49	14 6	1 14	19 40	2 3	6 54	0 28	23 29	0 19	24 45	17 36	21 20	21 31	20 38		n.a.
S 16	17 32	9 40	4 0	16 28	2 39	10 1	0 58	6 44	0 49	14 2	1 14	19 41	2 3	6 55	0 28	23 29	0 19	24 46	17 36	21 21	21 32	20 37		n.a.
S 17	17 16	4 30	4 44	16 59	2 21	9 31	0 56	7 1	0 50	13 57	1 14	19 43	2 3	6 56	0 28	23 29	0 19	24 46	17 36	21 21	21 33	20 36		n.a.
M18	16 59	0n44	5 9	17 28	2 2	9 1	0 53	7 19	0 51	13 53	1 14	19 44	2 3	6 57	0 28	23 29	0 19	24 47	17 36	21 21	21 33	20 36		n.a.
T 19	16 41	5 46	5 16	17 56	1 43	8 31	0 51	7 36	0 52	13 48	1 14	19 45	2 3	6 57	0 28	23 29	0 19	24 48	17 37	21 22	21 34	20 35		n.a.
W20	16 24	10 22	5 6	18 21	1 23	8 0	0 49	7 53	0 52	13 44	1 14	19 47	2 3	6 58	0 28	23 29	0 19	24 48	17 37	21 22	21 34	20 34		n.a.
T 21	16 6	14 22	4 40	18 44	1 4	7 29	0 47	8 10	0 53	13 39	1 14	19 48	2 3	6 59	0 28	23 29	0 19	24 49	17 37	21 22	21 35	20 33		n.a.
F 22	15 47	17 37	4 2	19 5	0 45	6 58	0 45	8 27	0 54	13 35	1 14	19 50	2 3	7 0	0 28	23 29	0 19	24 49	17 37	21 22	21 36	20 33		n.a.
S 23	15 29	20 2	3 14	19 22	0 26	6 27	0 42	8 44	0 54	13 30	1 14	19 51	2 4	7 1	0 28	23 29	0 19	24 50	17 37	21 21	21 36	20 32		n.a.
S 24	15 10	21 31	2 18	19 37	0 9	5 56	0 40	9 1	0 55	13 25	1 14	19 52	2 4	7 2	0 28	23 29	0 19	24 50	17 37	21 21	21 37	20 31		n.a.
M25	14 51	22 2	1 17	19 48	0n 8	5 24	0 37	9 18	0 56	13 21	1 14	19 54	2 4	7 3	0 28	23 29	0 19	24 51	17 37	21 21	21 37	20 31		n.a.
T 26	14 32	21 33	0 13	19 55	0 24	4 53	0 35	9 35	0 56	13 16	1 14	19 55	2 4	7 4	0 28	23 29	0 19	24 51	17 37	21 21	21 38	20 30		n.a.
W27	14 13	20 7	0n52	19 59	0 38	4 21	0 32	9 52	0 57	13 11	1 14	19 56	2 4	7 5	0 28	23 29	0 19	24 52	17 37	21 21	21 38	20 29		n.a.
T 28	13 53	17 48	1 54	19 59	0 51	3 49	0 30	10 9	0 58	13 7	1 14	19 57	2 4	7 6	0 28	23 29	0 19	24 52	17 38	21 21	21 39	20 28		n.a.
F 29	13 33	14 43	2 52	19 56	1 3	3 17	0 27	10 26	0 58	13 2	1 14	19 59	2 4	7 7	0 28	23 29	0 19	24 53	17 38	21 22	21 39	20 28		n.a.
S 30	13 13	11 1	3 43	19 50	1 14	2 45	0 25	10 43	0 59	12 58	1 14	20 0	2 4	7 8	0 28	23 29	0 19	24 53	17 38	21 23	21 40	20 27		n.a.
S 31	12n52	6n49	4n24	19n40	1n23	2n13	0n22	10s59	1s 0	12n53	1n14	20s 1	2s 4	7s 9	0n28	23s29	0n19	24s54	17s38	21n24	21n41	20n26		n.a.

Julian Day Number = 1309633.5, Delta T = 07h42m47s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'17, Lahiri = -19°31'16 Julian Calendar 1 Aug. 1128 BCE == Greg. Calendar 21 July 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

SEPTEMBER 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 58 15	27♌32'06	5♎22	10♌ 9	26♍34	26♎21	0♍ 1	9°R54	19♎ 4	27°R21	8°R 2	25°R22	23♋51	4♌11	n.a.	M 1
T 2	22 2 12	28°31'35	17°52	11°30	27°47	27° 5	0°14	9♒49	19° 7	27♐20	8♓ 0	25♋16	23°47	4°18	n.a.	T 2
W 3	22 6 8	29°31'07	0♏35	12°56	29° 1	27°48	0°27	9°45	19°10	27°20	7°59	25°12	23°44	4°24	n.a.	W 3
T 4	22 10 5	0♍30'41	13°34	14°26	0♎15	28°32	0°40	9°41	19°12	27°19	7°58	25° 9	23°41	4°31	n.a.	T 4
F 5	22 14 1	1°30'16	26°50	15°58	1°28	29°16	0°53	9°37	19°15	27°19	7°57	25°D 8	23°38	4°37	n.a.	F 5
S 6	22 17 58	2°29'54	10♐26	17°33	2°42	29°59	1° 6	9°32	19°18	27°18	7°56	25° 8	23°35	4°44	n.a.	S 6
S 7	22 21 54	3°29'33	24°23	19°10	3°55	0♏44	1°20	9°28	19°21	27°18	7°55	25° 9	23°31	4°51	n.a.	S 7
M 8	22 25 51	4°29'14	8♑41	20°49	5° 9	1°28	1°33	9°24	19°24	27°17	7°53	25°11	23°28	4°57	n.a.	M 8
T 9	22 29 47	5°28'58	23°18	22°29	6°22	2°12	1°46	9°20	19°27	27°17	7°52	25°R11	23°25	5° 4	n.a.	T 9
W10	22 33 44	6°28'43	8♒11	24°10	7°36	2°56	1°59	9°16	19°29	27°17	7°51	25°11	23°22	5°11	n.a.	W10
T 11	22 37 41	7°28'30	23°13	25°51	8°49	3°41	2°12	9°12	19°32	27°16	7°50	25° 8	23°19	5°17	n.a.	T 11
F 12	22 41 37	8°28'18	8♓15	27°33	10° 3	4°25	2°25	9° 9	19°35	27°16	7°49	25° 3	23°16	5°24	n.a.	F 12
S 13	22 45 34	9°28'09	23° 8	29°16	11°16	5° 9	2°38	9° 5	19°38	27°16	7°48	24°57	23°12	5°31	n.a.	S 13
S 14	22 49 30	10°28'02	7♈44	0♍58	12°30	5°54	2°51	9° 1	19°42	27°16	7°46	24°50	23° 9	5°37	n.a.	S 14
M15	22 53 27	11°27'58	21°57	2°41	13°43	6°38	3° 4	8°58	19°45	27°16	7°45	24°43	23° 6	5°44	n.a.	M15
T 16	22 57 23	12°27'55	5♉42	4°23	14°56	7°23	3°17	8°54	19°48	27°15	7°44	24°36	23° 3	5°51	n.a.	T 16
W17	23 1 20	13°27'55	18°58	6° 5	16°10	8° 8	3°30	8°51	19°51	27°15	7°43	24°31	23° 0	5°57	n.a.	W17
T 18	23 5 16	14°27'58	1♊48	7°47	17°23	8°52	3°44	8°47	19°54	27°15	7°42	24°28	22°56	6° 4	n.a.	T 18
F 19	23 9 13	15°28'02	14°15	9°29	18°36	9°37	3°57	8°44	19°57	27°15	7°41	24°D27	22°53	6°11	n.a.	F 19
S 20	23 13 10	16°28'09	26°25	11°10	19°50	10°22	4°10	8°41	20° 0	27°D15	7°40	24°28	22°50	6°17	n.a.	S 20
S 21	23 17 6	17°28'19	8♋21	12°51	21° 3	11° 7	4°22	8°38	20° 4	27°15	7°38	24°29	22°47	6°24	n.a.	S 21
M22	23 21 3	18°28'30	20°10	14°31	22°16	11°52	4°35	8°35	20° 7	27°15	7°37	24°R30	22°44	6°30	n.a.	M22
T 23	23 24 59	19°28'44	1♌56	16°11	23°29	12°37	4°48	8°32	20°10	27°15	7°36	24°30	22°41	6°37	n.a.	T 23
W24	23 28 56	20°28'59	13°44	17°51	24°43	13°22	5° 1	8°29	20°14	27°16	7°35	24°27	22°37	6°44	n.a.	W24
T 25	23 32 52	21°29'17	25°37	19°30	25°56	14° 7	5°14	8°26	20°17	27°16	7°34	24°23	22°34	6°50	n.a.	T 25
F 26	23 36 49	22°29'37	7♍39	21° 9	27° 9	14°53	5°27	8°23	20°20	27°16	7°33	24°16	22°31	6°57	n.a.	F 26
S 27	23 40 45	23°29'59	19°51	22°47	28°22	15°38	5°40	8°21	20°24	27°16	7°32	24° 6	22°28	7° 4	n.a.	S 27
S 28	23 44 42	24°30'22	2♎15	24°25	29°35	16°23	5°53	8°18	20°27	27°16	7°31	23°55	22°25	7°10	n.a.	S 28
M29	23 48 38	25°30'48	14°50	26° 2	0♏48	17° 9	6° 5	8°16	20°31	27°17	7°29	23°43	22°22	7°17	n.a.	M29
T 30	23 52 35	26♍31'15	27♎38	27♍39	2♏ 1	17♏54	6♍18	8♒13	20♎34	27♐17	7♓28	23♋32	22♋18	7♌24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n31	2n19	4n53	19n27	1n31	1n41	0n19	11s16	1s 0	12n48	1n14	20s 2	2s 4	7s10	0n28	23s29	0n19	24s54	17s38	21n25	21n41	20n25		n.a.
T 2	12 11	2s22	5 9	19 10	1 38	1 9	0 16	11 32	1 1	12 43	1 14	20 3	2 4	7 11	0 27	23 29	0 19	24 55	17 38	21 26	21 42	20 25		n.a.
W 3	11 50	7 1	5 11	18 51	1 44	0 36	0 14	11 49	1 1	12 39	1 14	20 5	2 4	7 12	0 27	23 29	0 19	24 55	17 38	21 26	21 42	20 24		n.a.
T 4	11 28	11 28	4 56	18 29	1 48	0 4	0 11	12 5	1 2	12 34	1 14	20 6	2 4	7 13	0 27	23 29	0 19	24 56	17 38	21 27	21 43	20 23		n.a.
F 5	11 7	15 28	4 26	18 5	1 52	0s28	0 8	12 22	1 3	12 29	1 14	20 7	2 4	7 14	0 27	23 29	0 19	24 56	17 38	21 27	21 43	20 22		n.a.
S 6	10 45	18 45	3 40	17 38	1 55	1 1	0 5	12 38	1 3	12 25	1 14	20 8	2 4	7 15	0 27	23 29	0 19	24 57	17 38	21 27	21 44	20 21		n.a.
S 7	10 23	21 3	2 40	17 9	1 56	1 33	0 2	12 54	1 4	12 20	1 14	20 9	2 4	7 16	0 27	23 29	0 19	24 57	17 38	21 27	21 44	20 21		n.a.
M 8	10 1	22 4	1 29	16 38	1 57	2 5	0s 1	13 11	1 4	12 15	1 14	20 10	2 4	7 17	0 27	23 29	0 19	24 58	17 38	21 27	21 45	20 20		n.a.
T 9	9 39	21 37	0 10	16 5	1 58	2 38	0 4	13 27	1 5	12 10	1 14	20 11	2 3	7 18	0 27	23 29	0 19	24 58	17 38	21 27	21 46	20 19		n.a.
W10	9 17	19 39	1s10	15 31	1 57	3 10	0 7	13 43	1 5	12 6	1 14	20 12	2 3	7 20	0 27	23 29	0 19	24 59	17 38	21 27	21 46	20 18		n.a.
T 11	8 54	16 18	2 26	14 55	1 56	3 42	0 10	13 58	1 6	12 1	1 14	20 13	2 3	7 21	0 27	23 29	0 19	24 59	17 38	21 27	21 47	20 17		n.a.
F 12	8 32	11 53	3 32	14 18	1 54	4 14	0 13	14 14	1 6	11 56	1 14	20 14	2 3	7 22	0 27	23 29	0 19	25 0	17 38	21 28	21 47	20 17		n.a.
S 13	8 9	6 47	4 23	13 40	1 52	4 46	0 16	14 30	1 7	11 51	1 14	20 15	2 3	7 23	0 27	23 29	0 18	25 0	17 38	21 29	21 48	20 16		n.a.
S 14	7 46	1 23	4 55	13 0	1 49	5 18	0 19	14 45	1 7	11 47	1 14	20 16	2 3	7 24	0 27	23 30	0 18	25 1	17 38	21 31	21 48	20 15		n.a.
M15	7 23	3n56	5 8	12 20	1 46	5 50	0 22	15 1	1 8	11 42	1 15	20 17	2 3	7 26	0 27	23 30	0 18	25 1	17 38	21 32	21 49	20 14		n.a.
T 16	6 59	8 53	5 3	11 38	1 42	6 22	0 25	15 16	1 8	11 37	1 15	20 18	2 3	7 27	0 27	23 30	0 18	25 1	17 38	21 33	21 49	20 13		n.a.
W17	6 36	13 14	4 41	10 57	1 38	6 53	0 28	15 31	1 9	11 32	1 15	20 19	2 3	7 28	0 27	23 30	0 18	25 2	17 38	21 34	21 50	20 12		n.a.
T 18	6 13	16 51	4 6	10 14	1 34	7 25	0 31	15 47	1 9	11 28	1 15	20 20	2 3	7 29	0 27	23 30	0 18	25 2	17 38	21 34	21 50	20 12		n.a.
F 19	5 49	19 35	3 20	9 31	1 29	7 56	0 34	16 2	1 10	11 23	1 15	20 21	2 3	7 30	0 27	23 30	0 18	25 3	17 38	21 35	21 51	20 11		n.a.
S 20	5 25	21 21	2 26	8 47	1 24	8 27	0 37	16 16	1 10	11 18	1 15	20 21	2 3	7 32	0 27	23 30	0 18	25 3	17 38	21 35	21 52	20 10		n.a.
S 21	5 2	22 8	1 26	8 4	1 19	8 58	0 40	16 31	1 10	11 13	1 15	20 22	2 3	7 33	0 27	23 30	0 18	25 3	17 38	21 34	21 52	20 9		n.a.
M22	4 38	21 54	0 23	7 19	1 14	9 28	0 43	16 46	1 11	11 8	1 15	20 23	2 3	7 34	0 27	23 30	0 18	25 4	17 38	21 34	21 53	20 8		n.a.
T 23	4 14	20 42	0n40	6 35	1 8	9 59	0 46	17 0	1 11	11 4	1 15	20 24	2 3	7 36	0 27	23 30	0 18	25 4	17 38	21 34	21 53	20 7		n.a.
W24	3 50	18 35	1 41	5 50	1 3	10 29	0 49	17 14	1 12	10 59	1 15	20 24	2 2	7 37	0 27	23 30	0 18	25 5	17 38	21 35	21 54	20 6		n.a.
T 25	3 26	15 40	2 39	5 5	0 57	10 59	0 52	17 29	1 12	10 54	1 15	20 25	2 2	7 38	0 27	23 30	0 18	25 5	17 38	21 35	21 54	20 6		n.a.
F 26	3 2	12 4	3 30	4 20	0 51	11 29	0 56	17 43	1 12	10 49	1 15	20 26	2 2	7 39	0 27	23 30	0 18	25 5	17 37	21 37	21 55	20 5		n.a.
S 27	2 37	7 55	4 12	3 35	0 45	11 58	0 59	17 57	1 13	10 45	1 15	20 26	2 2	7 41	0 27	23 30	0 18	25 6	17 37	21 38	21 55	20 4		n.a.
S 28	2 13	3 24	4 42	2 50	0 38	12 28	1 2	18 10	1 13	10 40	1 15	20 27	2 2	7 42	0 27	23 30	0 18	25 6	17 37	21 40	21 56	20 3		n.a.
M29	1 49	1s20	5 0	2 5	0 32	12 57	1 5	18 24	1 13	10 35	1 15	20 27	2 2	7 43	0 27	23 30	0 18	25 6	17 37	21 42	21 56	20 2		n.a.
T 30	1n24	6s 6	5n 3	1n20	0n26	13s25	1s 7	18s37	1s14	10n31	1n15	20s28	2s 2	7s45	0n27	23s30	0n18	25s 7	17s37	21n44	21n57	20n 1		n.a.

Julian Day Number = 1309664.5, Delta T = 07h42m46s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'13, Lahiri = -19°31'12 Julian Calendar 1 Sept. 1128 BCE == Greg. Calendar 21 Aug. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

OCTOBER 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 56 32	27♍31'44	10♏36	29♍16	3♏14	18♏40	6♍31	8°R11	20♎38	27♐17	7°R27	23°R22	22♋15	7♌30	n.a.	W 1
T 2	0 0 28	28°32'14	23°47	0♎52	4°27	19°25	6°44	8♒ 9	20°41	27°18	7♓26	23♋15	22°12	7°37	n.a.	T 2
F 3	0 4 25	29°32'46	7♐10	2°28	5°40	20°11	6°56	8° 7	20°45	27°18	7°25	23°10	22° 9	7°44	n.a.	F 3
S 4	0 8 21	0♎33'20	20°45	4° 3	6°53	20°57	7° 9	8° 5	20°48	27°19	7°24	23° 8	22° 6	7°50	n.a.	S 4
S 5	0 12 18	1°33'55	4♑34	5°38	8° 6	21°43	7°21	8° 3	20°52	27°19	7°23	23°D 7	22° 2	7°57	n.a.	S 5
M 6	0 16 14	2°34'31	18°37	7°13	9°18	22°28	7°34	8° 1	20°55	27°20	7°22	23°R 8	21°59	8° 4	n.a.	M 6
T 7	0 20 11	3°35'08	2♒54	8°47	10°31	23°14	7°46	8° 0	20°59	27°20	7°21	23° 7	21°56	8°10	n.a.	T 7
W 8	0 24 7	4°35'47	17°23	10°21	11°44	24° 0	7°59	7°58	21° 2	27°21	7°20	23° 5	21°53	8°17	n.a.	W 8
T 9	0 28 4	5°36'28	2♓ 1	11°55	12°56	24°46	8°11	7°57	21° 6	27°22	7°19	23° 1	21°50	8°24	n.a.	T 9
F 10	0 32 1	6°37'09	16°42	13°29	14° 9	25°32	8°24	7°55	21°10	27°22	7°18	22°53	21°47	8°30	n.a.	F 10
S 11	0 35 57	7°37'52	1♈18	15° 2	15°22	26°18	8°36	7°54	21°13	27°23	7°17	22°43	21°43	8°37	n.a.	S 11
S 12	0 39 54	8°38'37	15°44	16°35	16°34	27° 4	8°48	7°53	21°17	27°24	7°16	22°31	21°40	8°43	n.a.	S 12
M13	0 43 50	9°39'23	29°51	18° 8	17°47	27°50	9° 0	7°52	21°21	27°25	7°15	22°19	21°37	8°50	n.a.	M13
T 14	0 47 47	10°40'10	13♉34	19°41	18°59	28°36	9°12	7°51	21°24	27°25	7°14	22° 8	21°34	8°57	n.a.	T 14
W15	0 51 43	11°41'00	26°52	21°13	20°11	29°22	9°25	7°50	21°28	27°26	7°13	21°59	21°31	9° 3	n.a.	W15
T 16	0 55 40	12°41'51	9♊45	22°46	21°24	0♐ 9	9°37	7°50	21°32	27°27	7°12	21°52	21°27	9°10	n.a.	T 16
F 17	0 59 36	13°42'43	22°15	24°18	22°36	0°55	9°49	7°49	21°35	27°28	7°11	21°48	21°24	9°17	n.a.	F 17
S 18	1 3 33	14°43'37	4♋27	25°50	23°48	1°41	10° 1	7°48	21°39	27°29	7°10	21°47	21°21	9°23	n.a.	S 18
S 19	1 7 30	15°44'33	16°24	27°22	25° 1	2°27	10°12	7°48	21°43	27°30	7° 9	21°46	21°18	9°30	n.a.	S 19
M20	1 11 26	16°45'30	28°14	28°53	26°13	3°14	10°24	7°48	21°46	27°31	7° 9	21°46	21°15	9°37	n.a.	M20
T 21	1 15 23	17°46'29	10♌ 1	0♏24	27°25	4° 0	10°36	7°48	21°50	27°32	7° 8	21°45	21°12	9°43	n.a.	T 21
W22	1 19 19	18°47'29	21°51	1°55	28°37	4°47	10°48	7°D48	21°54	27°33	7° 7	21°42	21° 8	9°50	n.a.	W22
T 23	1 23 16	19°48'31	3♍48	3°26	29°49	5°33	10°59	7°48	21°57	27°34	7° 6	21°37	21° 5	9°57	n.a.	T 23
F 24	1 27 12	20°49'33	15°57	4°57	1♐ 1	6°20	11°11	7°48	22° 1	27°35	7° 5	21°28	21° 2	10° 3	n.a.	F 24
S 25	1 31 9	21°50'37	28°20	6°27	2°13	7° 6	11°22	7°48	22° 5	27°36	7° 5	21°17	20°59	10°10	n.a.	S 25
S 26	1 35 5	22°51'43	10♎59	7°57	3°24	7°53	11°34	7°49	22° 9	27°38	7° 4	21° 4	20°56	10°17	n.a.	S 26
M27	1 39 2	23°52'49	23°54	9°26	4°36	8°39	11°45	7°49	22°12	27°39	7° 3	20°49	20°53	10°23	n.a.	M27
T 28	1 42 59	24°53'56	7♏ 3	10°55	5°48	9°26	11°56	7°50	22°16	27°40	7° 2	20°36	20°49	10°30	n.a.	T 28
W29	1 46 55	25°55'05	20°25	12°24	6°59	10°12	12° 7	7°50	22°20	27°41	7° 2	20°24	20°46	10°37	n.a.	W29
T 30	1 50 52	26°56'14	3♐59	13°52	8°11	10°59	12°19	7°51	22°23	27°43	7° 1	20°15	20°43	10°43	n.a.	T 30
F 31	1 54 48	27♎57'24	17♐40	15♏19	9♐22	11♐46	12♍30	7♒52	22♎27	27♐44	7♓ 0	20♋ 8	20♋40	10♌50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n 0	10s39	4n50	0n35	0n19	13s54	1s10	18s50	1s14	10n26	1n16	20s28	2s 2	7s46	0n27	23s30	0n18	25s 7	17s37	21n46	21n57	20n 0			n.a.
T 2	0 35	14 48	4 22	0s 9	0 13	14 22	1 13	19 4	1 14	10 21	1 16	20 29	2 2	7 47	0 27	23 30	0 18	25 7	17 37	21 47	21 58	19 59			n.a.
F 3	0 11	18 16	3 39	0 54	0 6	14 49	1 16	19 16	1 15	10 16	1 16	20 29	2 2	7 49	0 27	23 30	0 18	25 8	17 37	21 48	21 58	19 58			n.a.
S 4	0s13	20 47	2 43	1 38	0s 0	15 16	1 19	19 29	1 15	10 12	1 16	20 30	2 1	7 50	0 27	23 30	0 18	25 8	17 36	21 49	21 59	19 57			n.a.
S 5	0 38	22 8	1 37	2 23	0 7	15 43	1 22	19 42	1 15	10 7	1 16	20 30	2 1	7 52	0 27	23 30	0 18	25 8	17 36	21 49	21 59	19 56			n.a.
M 6	1 2	22 7	0 24	3 7	0 13	16 10	1 25	19 54	1 15	10 2	1 16	20 30	2 1	7 53	0 27	23 30	0 18	25 8	17 36	21 49	22 0	19 56			n.a.
T 7	1 27	20 40	0s52	3 51	0 20	16 36	1 27	20 6	1 16	9 58	1 16	20 31	2 1	7 54	0 27	23 30	0 18	25 9	17 36	21 49	22 1	19 55			n.a.
W 8	1 51	17 51	2 5	4 34	0 26	17 2	1 30	20 18	1 16	9 53	1 16	20 31	2 1	7 56	0 27	23 30	0 18	25 9	17 36	21 49	22 1	19 54			n.a.
T 9	2 16	13 53	3 11	5 17	0 33	17 27	1 33	20 30	1 16	9 49	1 16	20 31	2 1	7 57	0 27	23 30	0 18	25 9	17 36	21 50	22 2	19 53			n.a.
F 10	2 40	9 4	4 4	6 0	0 39	17 52	1 36	20 41	1 16	9 44	1 16	20 31	2 1	7 58	0 27	23 30	0 18	25 9	17 35	21 51	22 2	19 52			n.a.
S 11	3 5	3 45	4 41	6 43	0 45	18 16	1 38	20 53	1 17	9 39	1 16	20 32	2 1	8 0	0 27	23 30	0 18	25 9	17 35	21 53	22 3	19 51			n.a.
S 12	3 29	1n42	4 59	7 25	0 52	18 40	1 41	21 4	1 17	9 35	1 17	20 32	2 0	8 1	0 27	23 30	0 18	25 10	17 35	21 55	22 3	19 50			n.a.
M13	3 53	6 57	4 59	8 7	0 58	19 3	1 43	21 15	1 17	9 30	1 17	20 32	2 0	8 3	0 27	23 30	0 18	25 10	17 35	21 57	22 4	19 49			n.a.
T 14	4 17	11 42	4 41	8 48	1 4	19 26	1 46	21 26	1 17	9 26	1 17	20 32	2 0	8 4	0 27	23 30	0 18	25 10	17 35	21 59	22 4	19 48			n.a.
W15	4 42	15 45	4 8	9 29	1 10	19 49	1 48	21 36	1 17	9 21	1 17	20 32	2 0	8 5	0 27	23 30	0 18	25 10	17 34	22 0	22 5	19 47			n.a.
T 16	5 6	18 56	3 23	10 10	1 16	20 11	1 50	21 46	1 18	9 17	1 17	20 32	2 0	8 7	0 27	23 30	0 18	25 10	17 34	22 1	22 5	19 46			n.a.
F 17	5 30	21 6	2 30	10 50	1 21	20 32	1 53	21 56	1 18	9 12	1 17	20 32	2 0	8 8	0 27	23 31	0 18	25 11	17 34	22 2	22 6	19 45			n.a.
S 18	5 54	22 15	1 31	11 29	1 27	20 53	1 55	22 6	1 18	9 8	1 17	20 32	2 0	8 10	0 27	23 31	0 18	25 11	17 34	22 2	22 6	19 44			n.a.
S 19	6 18	22 20	0 28	12 8	1 32	21 13	1 57	22 16	1 18	9 3	1 17	20 32	1 59	8 11	0 27	23 31	0 18	25 11	17 33	22 2	22 7	19 43			n.a.
M20	6 41	21 25	0n34	12 46	1 37	21 33	1 59	22 25	1 18	8 59	1 18	20 32	1 59	8 12	0 27	23 31	0 18	25 11	17 33	22 2	22 7	19 42			n.a.
T 21	7 5	19 33	1 35	13 23	1 42	21 52	2 1	22 34	1 18	8 54	1 18	20 32	1 59	8 14	0 27	23 31	0 18	25 11	17 33	22 2	22 8	19 41			n.a.
W22	7 29	16 51	2 32	14 0	1 47	22 10	2 3	22 43	1 18	8 50	1 18	20 32	1 59	8 15	0 27	23 31	0 18	25 11	17 33	22 3	22 8	19 40			n.a.
T 23	7 52	13 25	3 23	14 36	1 52	22 28	2 5	22 52	1 19	8 46	1 18	20 32	1 59	8 17	0 27	23 31	0 18	25 11	17 32	22 4	22 9	19 39			n.a.
F 24	8 15	9 23	4 5	15 12	1 56	22 46	2 7	23 0	1 19	8 41	1 18	20 32	1 59	8 18	0 27	23 31	0 18	25 11	17 32	22 5	22 9	19 38			n.a.
S 25	8 39	4 53	4 37	15 46	2 0	23 2	2 9	23 9	1 19	8 37	1 18	20 31	1 59	8 20	0 27	23 31	0 18	25 11	17 32	22 7	22 10	19 37			n.a.
S 26	9 2	0 6	4 55	16 20	2 4	23 18	2 10	23 16	1 19	8 33	1 18	20 31	1 58	8 21	0 27	23 31	0 18	25 11	17 32	22 9	22 10	19 36			n.a.
M27	9 25	4s47	4 59	16 52	2 7	23 34	2 12	23 24	1 19	8 28	1 18	20 31	1 58	8 22	0 27	23 31	0 17	25 11	17 31	22 11	22 11	19 35			n.a.
T 28	9 48	9 34	4 48	17 24	2 10	23 49	2 13	23 31	1 19	8 24	1 19	20 30	1 58	8 24	0 27	23 31	0 17	25 11	17 31	22 13	22 11	19 34			n.a.
W29	10 10	13 58	4 20	17 55	2 13	24 3	2 15	23 39	1 19	8 20	1 19	20 30	1 58	8 25	0 27	23 31	0 17	25 11	17 31	22 15	22 12	19 33			n.a.
T 30	10 33	17 43	3 38	18 24	2 15	24 16	2 16	23 46	1 19	8 16	1 19	20 30	1 58	8 27	0 27	23 31	0 17	25 11	17 30	22 16	22 12	19 31			n.a.
F 31	10s55	20s33	2n42	18s52	2s17	24s29	2s18	23s52	1s19	8n12	1n19	20s29	1s58	8s28	0n27	23s31	0n17	25s11	17s30	22n17	22n13	19n30			n.a.

Julian Day Number = 1309694.5, Delta T = 07h42m44s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'09, Lahiri = -19°31'08 Julian Calendar 1 Oct. 1128 BCE == Greg. Calendar 20 Sept. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

NOVEMBER 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 58 45	28♎58'34	1♑29	16♏45	10♐34	12♐32	12♍41	7♒53	22♎31	27♐45	7°R 0	20°R 5	20♋37	10♌57	n.a.	S 1
S 2	2 2 41	29°59'45	15°23	18°10	11°45	13°19	12°51	7°54	22°35	27°47	6♓59	20°D 4	20°33	11° 3	n.a.	S 2
M 3	2 6 38	1♏ 0'57	29°24	19°33	12°56	14° 6	13° 2	7°56	22°38	27°48	6°58	20°R 4	20°30	11°10	n.a.	M 3
T 4	2 10 34	2° 2'08	13♒29	20°56	14° 7	14°53	13°13	7°57	22°42	27°50	6°58	20♋ 4	20°27	11°17	n.a.	T 4
W 5	2 14 31	3° 3'21	27°39	22°16	15°18	15°39	13°23	7°59	22°46	27°51	6°57	20° 2	20°24	11°23	n.a.	W 5
T 6	2 18 28	4° 4'33	11♓52	23°35	16°29	16°26	13°34	8° 0	22°49	27°53	6°56	19°57	20°21	11°30	n.a.	T 6
F 7	2 22 24	5° 5'46	26° 5	24°51	17°40	17°13	13°44	8° 2	22°53	27°54	6°56	19°50	20°18	11°36	n.a.	F 7
S 8	2 26 21	6° 6'59	10♈15	26° 5	18°51	18° 0	13°55	8° 4	22°57	27°56	6°55	19°40	20°14	11°43	n.a.	S 8
S 9	2 30 17	7° 8'13	24°15	27°15	20° 1	18°47	14° 5	8° 6	23° 0	27°57	6°55	19°28	20°11	11°50	n.a.	S 9
M10	2 34 14	8° 9'27	8♉ 2	28°21	21°12	19°33	14°15	8° 8	23° 4	27°59	6°54	19°16	20° 8	11°56	n.a.	M10
T 11	2 38 10	9°10'41	21°32	29°24	22°22	20°20	14°25	8°10	23° 7	28° 0	6°54	19° 4	20° 5	12° 3	n.a.	T 11
W12	2 42 7	10°11'56	4♊41	0♐21	23°33	21° 7	14°35	8°12	23°11	28° 2	6°54	18°55	20° 2	12°10	n.a.	W12
T 13	2 46 3	11°13'12	17°30	1°13	24°43	21°54	14°45	8°14	23°15	28° 4	6°53	18°48	19°59	12°16	n.a.	T 13
F 14	2 50 0	12°14'28	29°59	1°58	25°53	22°41	14°55	8°17	23°18	28° 5	6°53	18°43	19°55	12°23	n.a.	F 14
S 15	2 53 57	13°15'45	12♋11	2°36	27° 3	23°28	15° 4	8°19	23°22	28° 7	6°52	18°42	19°52	12°30	n.a.	S 15
S 16	2 57 53	14°17'02	24° 9	3° 5	28°13	24°15	15°14	8°22	23°25	28° 9	6°52	18°D41	19°49	12°36	n.a.	S 16
M17	3 1 50	15°18'19	6♌ 0	3°26	29°22	25° 2	15°23	8°25	23°29	28°11	6°52	18°42	19°46	12°43	n.a.	M17
T 18	3 5 46	16°19'37	17°48	3°R36	0♑32	25°48	15°33	8°28	23°32	28°13	6°51	18°R42	19°43	12°50	n.a.	T 18
W19	3 9 43	17°20'55	29°39	3°36	1°41	26°35	15°42	8°31	23°36	28°14	6°51	18°41	19°39	12°56	n.a.	W19
T 20	3 13 39	18°22'14	11♍38	3°24	2°51	27°22	15°51	8°34	23°39	28°16	6°51	18°38	19°36	13° 3	n.a.	T 20
F 21	3 17 36	19°23'33	23°50	3° 0	4° 0	28° 9	16° 0	8°37	23°43	28°18	6°51	18°33	19°33	13°10	n.a.	F 21
S 22	3 21 33	20°24'52	6♎18	2°25	5° 9	28°56	16° 9	8°40	23°46	28°20	6°50	18°25	19°30	13°16	n.a.	S 22
S 23	3 25 29	21°26'11	19° 6	1°38	6°18	29°43	16°18	8°43	23°50	28°22	6°50	18°16	19°27	13°23	n.a.	S 23
M24	3 29 26	22°27'31	2♏15	0°41	7°26	0♑30	16°26	8°47	23°53	28°24	6°50	18° 6	19°24	13°30	n.a.	M24
T 25	3 33 22	23°28'50	15°43	29♏35	8°35	1°17	16°35	8°50	23°56	28°26	6°50	17°55	19°20	13°36	n.a.	T 25
W26	3 37 19	24°30'09	29°29	28°21	9°43	2° 4	16°43	8°54	24° 0	28°28	6°50	17°46	19°17	13°43	n.a.	W26
T 27	3 41 15	25°31'28	13♐29	27° 3	10°51	2°51	16°51	8°58	24° 3	28°30	6°50	17°40	19°14	13°50	n.a.	T 27
F 28	3 45 12	26°32'47	27°38	25°42	11°59	3°37	16°59	9° 1	24° 6	28°32	6°49	17°35	19°11	13°56	n.a.	F 28
S 29	3 49 8	27°34'06	11♑52	24°22	13° 7	4°24	17° 7	9° 5	24°10	28°34	6°49	17°D34	19° 8	14° 3	n.a.	S 29
S 30	3 53 5	28♏35'24	26♑ 7	23♏ 5	14♑15	5♑11	17♍15	9♒ 9	24♎13	28♐36	6♓49	17♋34	19♋ 4	14♌10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s17	22s12	1n37	19s19	2s18	24s41	2s19	23s59	1s19	8n 8	1n19	20s29	1s58	8s29	0n27	23s31	0n17	25s11	17s30	22n18	22n13	19n29		n.a.
S 2	11 39	22 31	0 25	19 45	2 19	24 52	2 20	24 5	1 19	8 4	1 19	20 29	1 57	8 31	0 27	23 31	0 17	25 11	17 30	22 18	22 14	19 28		n.a.
M 3	12 1	21 25	0s49	20 9	2 20	25 3	2 21	24 10	1 19	7 59	1 20	20 28	1 57	8 32	0 27	23 31	0 17	25 11	17 29	22 18	22 14	19 27		n.a.
T 4	12 22	18 58	2 1	20 31	2 20	25 13	2 22	24 16	1 19	7 55	1 20	20 28	1 57	8 34	0 27	23 31	0 17	25 11	17 29	22 18	22 15	19 26		n.a.
W 5	12 44	15 22	3 5	20 52	2 19	25 22	2 23	24 21	1 19	7 51	1 20	20 27	1 57	8 35	0 27	23 31	0 17	25 11	17 29	22 18	22 15	19 25		n.a.
T 6	13 5	10 53	3 58	21 11	2 17	25 30	2 23	24 26	1 19	7 47	1 20	20 26	1 57	8 36	0 27	23 31	0 17	25 11	17 28	22 19	22 16	19 24		n.a.
F 7	13 26	5 47	4 36	21 28	2 15	25 38	2 24	24 31	1 19	7 44	1 20	20 26	1 57	8 38	0 27	23 31	0 17	25 11	17 28	22 20	22 16	19 23		n.a.
S 8	13 47	0 26	4 57	21 43	2 12	25 45	2 24	24 35	1 19	7 40	1 20	20 25	1 56	8 39	0 26	23 31	0 17	25 11	17 28	22 22	22 16	19 22		n.a.
S 9	14 7	4n54	5 0	21 56	2 8	25 51	2 25	24 39	1 19	7 36	1 21	20 25	1 56	8 40	0 26	23 32	0 17	25 11	17 27	22 23	22 17	19 21		n.a.
M10	14 27	9 55	4 46	22 7	2 3	25 57	2 25	24 43	1 19	7 32	1 21	20 24	1 56	8 42	0 26	23 32	0 17	25 11	17 27	22 25	22 17	19 19		n.a.
T 11	14 47	14 20	4 15	22 15	1 57	26 1	2 25	24 47	1 19	7 28	1 21	20 23	1 56	8 43	0 26	23 32	0 17	25 11	17 27	22 27	22 18	19 18		n.a.
W12	15 7	17 57	3 32	22 21	1 50	26 5	2 25	24 50	1 19	7 25	1 21	20 22	1 56	8 45	0 26	23 32	0 17	25 11	17 26	22 28	22 18	19 17		n.a.
T 13	15 26	20 36	2 38	22 24	1 42	26 8	2 25	24 53	1 19	7 21	1 21	20 22	1 56	8 46	0 26	23 32	0 17	25 10	17 26	22 29	22 19	19 16		n.a.
F 14	15 46	22 12	1 38	22 24	1 33	26 11	2 25	24 56	1 19	7 17	1 22	20 21	1 56	8 47	0 26	23 32	0 17	25 10	17 26	22 30	22 19	19 15		n.a.
S 15	16 4	22 41	0 35	22 22	1 22	26 13	2 25	24 58	1 19	7 14	1 22	20 20	1 55	8 49	0 26	23 32	0 17	25 10	17 25	22 30	22 20	19 14		n.a.
S 16	16 23	22 7	0n29	22 16	1 10	26 14	2 25	25 1	1 19	7 10	1 22	20 19	1 55	8 50	0 26	23 32	0 17	25 10	17 25	22 30	22 20	19 13		n.a.
M17	16 41	20 33	1 31	22 7	0 57	26 14	2 24	25 2	1 18	7 6	1 22	20 18	1 55	8 51	0 26	23 32	0 17	25 10	17 25	22 30	22 21	19 12		n.a.
T 18	16 59	18 6	2 29	21 54	0 42	26 13	2 24	25 4	1 18	7 3	1 22	20 17	1 55	8 53	0 26	23 32	0 17	25 10	17 24	22 30	22 21	19 10		n.a.
W19	17 17	14 54	3 21	21 38	0 26	26 12	2 23	25 5	1 18	7 0	1 23	20 16	1 55	8 54	0 26	23 32	0 17	25 9	17 24	22 30	22 22	19 9		n.a.
T 20	17 35	11 4	4 4	21 19	0 9	26 10	2 22	25 6	1 18	6 56	1 23	20 16	1 55	8 55	0 26	23 32	0 17	25 9	17 24	22 30	22 22	19 8		n.a.
F 21	17 52	6 43	4 38	20 56	0n10	26 7	2 21	25 7	1 18	6 53	1 23	20 15	1 55	8 56	0 26	23 32	0 17	25 9	17 23	22 31	22 23	19 7		n.a.
S 22	18 8	2 1	4 58	20 30	0 29	26 4	2 20	25 7	1 18	6 50	1 23	20 14	1 54	8 58	0 27	23 32	0 17	25 9	17 23	22 32	22 23	19 6		n.a.
S 23	18 25	2s54	5 5	20 1	0 49	25 59	2 19	25 7	1 18	6 46	1 23	20 13	1 54	8 59	0 27	23 32	0 17	25 8	17 22	22 34	22 24	19 5		n.a.
M24	18 41	7 49	4 56	19 30	1 9	25 54	2 18	25 7	1 17	6 43	1 24	20 11	1 54	9 0	0 27	23 32	0 17	25 8	17 22	22 35	22 24	19 3		n.a.
T 25	18 57	12 30	4 30	18 56	1 29	25 49	2 16	25 7	1 17	6 40	1 24	20 10	1 54	9 2	0 27	23 32	0 17	25 8	17 22	22 36	22 24	19 2		n.a.
W26	19 12	16 39	3 49	18 21	1 48	25 42	2 15	25 6	1 17	6 37	1 24	20 9	1 54	9 3	0 27	23 32	0 17	25 8	17 21	22 38	22 25	19 1		n.a.
T 27	19 27	19 56	2 53	17 46	2 6	25 35	2 13	25 5	1 17	6 34	1 24	20 8	1 54	9 4	0 27	23 32	0 17	25 7	17 21	22 38	22 25	19 0		n.a.
F 28	19 42	22 3	1 45	17 11	2 23	25 27	2 11	25 3	1 17	6 31	1 25	20 7	1 54	9 5	0 27	23 32	0 17	25 7	17 21	22 39	22 26	18 59		n.a.
S 29	19 56	22 47	0 31	16 38	2 37	25 19	2 9	25 2	1 17	6 28	1 25	20 6	1 54	9 6	0 27	23 32	0 17	25 7	17 20	22 39	22 26	18 57		n.a.
S 30	20s10	22s 1	0s46	16s 6	2n50	25s 9	2s 7	25s 0	1s16	6n25	1n25	20s 5	1s53	9s 8	0n27	23s32	0n17	25s 6	17s20	22n39	22n27	18n56		n.a.

Julian Day Number = 1309725.5, Delta T = 07h42m43s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'04, Lahiri = -19°31'04 Julian Calendar 1 Nov. 1128 BCE == Greg. Calendar 21 Oct. 1128 BCE

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ASTRODIENST EPHEMERIS for the year 1128 BCE
geocentric

DECEMBER 1128 BCE (-1127) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 57 2	29♏36'41	10♒20	21°R52	15♉22	5♉58	17♍23	9♒13	24♎16	28♐38	6°D49	17♋35	19♋ 1	14♌16	n.a.	M 1
T 2	4 0 58	0♐37'57	24°30	20♏47	16°29	6°45	17°31	9°18	24°19	28°40	6♓49	17°R36	18°58	14°23	n.a.	T 2
W 3	4 4 55	1°39'13	8♓34	19°50	17°36	7°32	17°38	9°22	24°22	28°42	6°49	17°36	18°55	14°30	n.a.	W 3
T 4	4 8 51	2°40'27	22°32	19° 2	18°43	8°19	17°45	9°26	24°26	28°44	6°49	17°34	18°52	14°36	n.a.	T 4
F 5	4 12 48	3°41'41	6♈23	18°24	19°49	9° 6	17°52	9°31	24°29	28°46	6°49	17°30	18°49	14°43	n.a.	F 5
S 6	4 16 44	4°42'54	20° 6	17°56	20°56	9°52	17°59	9°35	24°32	28°48	6°50	17°24	18°45	14°50	n.a.	S 6
S 7	4 20 41	5°44'07	3♉38	17°38	22° 2	10°39	18° 6	9°40	24°35	28°50	6°50	17°17	18°42	14°56	n.a.	S 7
M 8	4 24 38	6°45'18	16°58	17°28	23° 7	11°26	18°13	9°45	24°38	28°52	6°50	17°10	18°39	15° 3	n.a.	M 8
T 9	4 28 34	7°46'29	0♊ 4	17°D28	24°13	12°13	18°20	9°49	24°41	28°54	6°50	17° 3	18°36	15°10	n.a.	T 9
W10	4 32 31	8°47'39	12°56	17°35	25°18	13° 0	18°26	9°54	24°44	28°57	6°50	16°57	18°33	15°16	n.a.	W10
T 11	4 36 27	9°48'49	25°31	17°51	26°23	13°46	18°32	9°59	24°47	28°59	6°50	16°53	18°30	15°23	n.a.	T 11
F 12	4 40 24	10°49'57	7♋53	18°13	27°28	14°33	18°39	10° 4	24°49	29° 1	6°51	16°51	18°26	15°30	n.a.	F 12
S 13	4 44 20	11°51'05	20° 1	18°41	28°32	15°20	18°45	10° 9	24°52	29° 3	6°51	16°D51	18°23	15°36	n.a.	S 13
S 14	4 48 17	12°52'12	1♌58	19°16	29°36	16° 6	18°50	10°14	24°55	29° 5	6°51	16°52	18°20	15°43	n.a.	S 14
M15	4 52 13	13°53'19	13°49	19°55	0♒40	16°53	18°56	10°20	24°58	29° 8	6°51	16°53	18°17	15°50	n.a.	M15
T 16	4 56 10	14°54'25	25°37	20°39	1°43	17°40	19° 2	10°25	25° 1	29°10	6°52	16°55	18°14	15°56	n.a.	T 16
W17	5 0 7	15°55'30	7♍28	21°27	2°46	18°26	19° 7	10°30	25° 3	29°12	6°52	16°57	18°10	16° 3	n.a.	W17
T 18	5 4 3	16°56'34	19°26	22°20	3°49	19°13	19°12	10°36	25° 6	29°14	6°52	16°R57	18° 7	16°10	n.a.	T 18
F 19	5 8 0	17°57'37	1♎37	23°15	4°51	20° 0	19°17	10°41	25° 9	29°16	6°53	16°56	18° 4	16°16	n.a.	F 19
S 20	5 11 56	18°58'40	14° 4	24°14	5°53	20°46	19°22	10°47	25°11	29°19	6°53	16°54	18° 1	16°23	n.a.	S 20
S 21	5 15 53	19°59'42	26°53	25°16	6°54	21°33	19°27	10°53	25°14	29°21	6°54	16°50	17°58	16°30	n.a.	S 21
M22	5 19 49	21° 0'42	10♏ 5	26°20	7°56	22°19	19°31	10°58	25°16	29°23	6°54	16°46	17°55	16°36	n.a.	M22
T 23	5 23 46	22° 1'42	23°42	27°27	8°56	23° 6	19°36	11° 4	25°19	29°25	6°55	16°42	17°51	16°43	n.a.	T 23
W24	5 27 42	23° 2'41	7♐42	28°35	9°57	23°52	19°40	11°10	25°21	29°28	6°55	16°39	17°48	16°49	n.a.	W24
T 25	5 31 39	24° 3'39	22° 1	29°46	10°56	24°39	19°44	11°16	25°23	29°30	6°56	16°36	17°45	16°56	n.a.	T 25
F 26	5 35 36	25° 4'35	6♑35	0♐59	11°56	25°25	19°48	11°22	25°26	29°32	6°56	16°35	17°42	17° 3	n.a.	F 26
S 27	5 39 32	26° 5'30	21°17	2°13	12°55	26°12	19°51	11°28	25°28	29°35	6°57	16°D34	17°39	17° 9	n.a.	S 27
S 28	5 43 29	27° 6'24	6♒ 0	3°29	13°53	26°58	19°55	11°34	25°30	29°37	6°57	16°35	17°36	17°16	n.a.	S 28
M29	5 47 25	28° 7'16	20°38	4°46	14°51	27°44	19°58	11°40	25°32	29°39	6°58	16°36	17°32	17°23	n.a.	M29
T 30	5 51 22	29° 8'06	5♓ 6	6° 5	15°48	28°31	20° 1	11°47	25°35	29°41	6°59	16°38	17°29	17°29	n.a.	T 30
W31	5 55 18	0♑ 8'54	19♓20	7♐25	16♒45	29♑17	20♍ 4	11♒53	25♎37	29♐44	6♓59	16♋39	17♋26	17♌36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s24	19s51	2s 0	15s38	3n 0	24s59	2s 5	24s57	1s16	6n22	1n25	20s 3	1s53	9s 9	0n27	23s32	0n17	25s 6	17s20	22n39	22n27	18n55			n.a.
T 2	20 37	16 29	3 6	15 14	3 7	24 49	2 2	24 55	1 16	6 19	1 25	20 2	1 53	9 10	0 27	23 32	0 17	25 6	17 19	22 39	22 28	18 54			n.a.
W 3	20 50	12 12	4 1	14 53	3 13	24 38	2 0	24 52	1 16	6 17	1 26	20 1	1 53	9 11	0 27	23 33	0 17	25 5	17 19	22 39	22 28	18 52			n.a.
T 4	21 2	7 17	4 40	14 38	3 16	24 26	1 57	24 49	1 15	6 14	1 26	19 59	1 53	9 12	0 27	23 33	0 17	25 5	17 18	22 39	22 29	18 51			n.a.
F 5	21 14	2 3	5 3	14 26	3 17	24 13	1 55	24 46	1 15	6 11	1 26	19 58	1 53	9 14	0 27	23 33	0 17	25 5	17 18	22 40	22 29	18 50			n.a.
S 6	21 26	3n13	5 9	14 19	3 16	24 0	1 52	24 42	1 15	6 9	1 26	19 57	1 53	9 15	0 27	23 33	0 17	25 4	17 18	22 40	22 29	18 49			n.a.
S 7	21 37	8 17	4 57	14 16	3 14	23 47	1 49	24 38	1 15	6 6	1 27	19 55	1 53	9 16	0 27	23 33	0 17	25 4	17 17	22 41	22 30	18 48			n.a.
M 8	21 47	12 53	4 29	14 17	3 10	23 32	1 45	24 34	1 14	6 4	1 27	19 54	1 52	9 17	0 27	23 33	0 17	25 3	17 17	22 42	22 30	18 46			n.a.
T 9	21 58	16 48	3 47	14 21	3 6	23 18	1 42	24 29	1 14	6 1	1 27	19 53	1 52	9 18	0 27	23 33	0 17	25 3	17 17	22 43	22 31	18 45			n.a.
W10	22 8	19 50	2 54	14 29	3 0	23 2	1 39	24 24	1 14	5 59	1 27	19 51	1 52	9 19	0 27	23 33	0 17	25 3	17 16	22 44	22 31	18 44			n.a.
T 11	22 17	21 51	1 54	14 39	2 53	22 46	1 35	24 19	1 14	5 57	1 28	19 50	1 52	9 20	0 27	23 33	0 17	25 2	17 16	22 45	22 32	18 42			n.a.
F 12	22 26	22 47	0 49	14 53	2 46	22 30	1 31	24 14	1 13	5 54	1 28	19 48	1 52	9 21	0 27	23 33	0 17	25 2	17 15	22 45	22 32	18 41			n.a.
S 13	22 35	22 36	0n17	15 8	2 38	22 13	1 27	24 8	1 13	5 52	1 28	19 47	1 52	9 22	0 27	23 33	0 17	25 1	17 15	22 45	22 33	18 40			n.a.
S 14	22 43	21 22	1 22	15 25	2 30	21 55	1 23	24 2	1 13	5 50	1 28	19 45	1 52	9 23	0 27	23 33	0 17	25 1	17 15	22 45	22 33	18 39			n.a.
M15	22 50	19 13	2 22	15 44	2 21	21 37	1 19	23 56	1 12	5 48	1 29	19 44	1 52	9 24	0 27	23 33	0 17	25 0	17 14	22 44	22 33	18 37			n.a.
T 16	22 57	16 16	3 17	16 4	2 13	21 19	1 15	23 50	1 12	5 46	1 29	19 42	1 52	9 25	0 27	23 33	0 17	25 0	17 14	22 44	22 34	18 36			n.a.
W17	23 4	12 39	4 3	16 26	2 4	21 0	1 10	23 43	1 12	5 44	1 29	19 40	1 51	9 26	0 27	23 33	0 17	25 0	17 14	22 44	22 34	18 35			n.a.
T 18	23 11	8 30	4 39	16 48	1 55	20 41	1 6	23 36	1 11	5 43	1 30	19 39	1 51	9 27	0 27	23 33	0 17	24 59	17 13	22 44	22 35	18 33			n.a.
F 19	23 16	3 58	5 3	17 11	1 45	20 21	1 1	23 29	1 11	5 41	1 30	19 37	1 51	9 28	0 27	23 33	0 17	24 59	17 13	22 44	22 35	18 32			n.a.
S 20	23 22	0s50	5 14	17 35	1 36	20 1	0 56	23 22	1 11	5 39	1 30	19 36	1 51	9 29	0 27	23 33	0 17	24 58	17 13	22 44	22 36	18 31			n.a.
S 21	23 27	5 44	5 9	17 59	1 27	19 40	0 51	23 14	1 10	5 37	1 30	19 34	1 51	9 30	0 27	23 33	0 16	24 58	17 12	22 45	22 36	18 30			n.a.
M22	23 31	10 31	4 49	18 23	1 18	19 19	0 46	23 6	1 10	5 36	1 31	19 32	1 51	9 31	0 27	23 33	0 16	24 57	17 12	22 45	22 36	18 28			n.a.
T 23	23 35	14 57	4 11	18 48	1 9	18 58	0 40	22 58	1 10	5 34	1 31	19 30	1 51	9 32	0 27	23 33	0 16	24 57	17 11	22 46	22 37	18 27			n.a.
W24	23 39	18 41	3 18	19 12	1 0	18 36	0 35	22 49	1 9	5 33	1 31	19 29	1 51	9 33	0 27	23 33	0 16	24 56	17 11	22 46	22 37	18 26			n.a.
T 25	23 42	21 24	2 11	19 36	0 51	18 14	0 29	22 40	1 9	5 32	1 31	19 27	1 51	9 34	0 27	23 33	0 16	24 56	17 11	22 47	22 38	18 24			n.a.
F 26	23 44	22 45	0 55	20 1	0 42	17 52	0 23	22 31	1 9	5 30	1 32	19 25	1 51	9 35	0 27	23 33	0 16	24 55	17 10	22 47	22 38	18 23			n.a.
S 27	23 46	22 32	0s26	20 24	0 33	17 29	0 17	22 22	1 8	5 29	1 32	19 23	1 51	9 35	0 27	23 33	0 16	24 54	17 10	22 47	22 39	18 22			n.a.
S 28	23 48	20 47	1 45	20 48	0 24	17 7	0 11	22 13	1 8	5 28	1 32	19 22	1 51	9 36	0 27	23 33	0 16	24 54	17 10	22 47	22 39	18 20			n.a.
M29	23 49	17 39	2 57	21 11	0 16	16 44	0 5	22 3	1 7	5 27	1 33	19 20	1 50	9 37	0 27	23 33	0 16	24 53	17 9	22 47	22 39	18 19			n.a.
T 30	23 50	13 28	3 57	21 33	0 7	16 20	0n 1	21 53	1 7	5 26	1 33	19 18	1 50	9 38	0 27	23 33	0 16	24 53	17 9	22 46	22 40	18 17			n.a.
W31	23s50	8s35	4s41	21s55	0s 1	15s57	0n 8	21s43	1s 7	5n25	1n33	19s16	1s50	9s39	0n27	23s33	0n16	24s52	17s 9	22n46	22n40	18n16			n.a.

Julian Day Number = 1309755.5, Delta T = 07h42m41s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°38'00, Lahiri = -19°31'00 Julian Calendar 1 Dec. 1128 BCE == Greg. Calendar 20 Nov. 1128 BCE

The year -1127 astronomical counting style corresponds to year 1128 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

JANUARY 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 15	1♉ 9'41	3♈18	8♐46	17♒41	0♒ 3	20♍ 7	11♒59	25♎39	29♐46	7♓ 0	16°R39	17♋23	17♌43	n.a.	T 1
F 2	6 3 12	2°10'25	17° 0	10° 9	18°37	0°49	20°10	12° 6	25°41	29°48	7° 1	16♋38	17°20	17°49	n.a.	F 2
S 3	6 7 8	3°11'08	0♉26	11°32	19°32	1°36	20°12	12°12	25°43	29°51	7° 1	16°37	17°16	17°56	n.a.	S 3
S 4	6 11 5	4°11'49	13°37	12°57	20°26	2°22	20°14	12°19	25°45	29°53	7° 2	16°36	17°13	18° 3	n.a.	S 4
M 5	6 15 1	5°12'29	26°33	14°22	21°20	3° 8	20°16	12°25	25°47	29°55	7° 3	16°34	17°10	18° 9	n.a.	M 5
T 6	6 18 58	6°13'06	9♊16	15°49	22°12	3°54	20°18	12°32	25°48	29°57	7° 4	16°32	17° 7	18°16	n.a.	T 6
W 7	6 22 54	7°13'42	21°47	17°17	23° 5	4°40	20°20	12°38	25°50	29°59	7° 4	16°31	17° 4	18°23	n.a.	W 7
T 8	6 26 51	8°14'16	4♋ 6	18°46	23°56	5°26	20°21	12°45	25°52	0♉ 2	7° 5	16°31	17° 1	18°29	n.a.	T 8
F 9	6 30 47	9°14'48	16°15	20°15	24°47	6°12	20°23	12°52	25°54	0° 4	7° 6	16°D30	16°57	18°36	n.a.	F 9
S 10	6 34 44	10°15'19	28°15	21°46	25°36	6°58	20°24	12°59	25°55	0° 6	7° 7	16°31	16°54	18°43	n.a.	S 10
S 11	6 38 41	11°15'48	10♌ 9	23°17	26°25	7°44	20°25	13° 5	25°57	0° 9	7° 8	16°31	16°51	18°50	n.a.	S 11
M12	6 42 37	12°16'15	21°59	24°50	27°13	8°30	20°25	13°12	25°58	0°11	7° 9	16°31	16°48	18°56	n.a.	M12
T 13	6 46 34	13°16'41	3♍48	26°23	28° 1	9°16	20°26	13°19	26° 0	0°13	7° 9	16°32	16°45	19° 3	n.a.	T 13
W14	6 50 30	14°17'04	15°39	27°58	28°47	10° 1	20°26	13°26	26° 1	0°15	7°10	16°32	16°42	19°10	n.a.	W14
T 15	6 54 27	15°17'27	27°37	29°33	29°32	10°47	20°R26	13°33	26° 3	0°18	7°11	16°32	16°38	19°16	n.a.	T 15
F 16	6 58 23	16°17'47	9♎46	1♉ 9	0♓16	11°33	20°26	13°40	26° 4	0°20	7°12	16°32	16°35	19°23	n.a.	F 16
S 17	7 2 20	17°18'07	22°10	2°47	0°59	12°18	20°26	13°47	26° 5	0°22	7°13	16°32	16°32	19°30	n.a.	S 17
S 18	7 6 16	18°18'24	4♏53	4°25	1°42	13° 4	20°26	13°54	26° 6	0°24	7°14	16°33	16°29	19°36	n.a.	S 18
M19	7 10 13	19°18'40	18° 0	6° 4	2°22	13°50	20°25	14° 1	26° 8	0°26	7°15	16°33	16°26	19°43	n.a.	M19
T 20	7 14 10	20°18'54	1♐33	7°44	3° 2	14°35	20°24	14° 9	26° 9	0°29	7°16	16°33	16°22	19°50	n.a.	T 20
W21	7 18 6	21°19'07	15°33	9°25	3°41	15°21	20°23	14°16	26°10	0°31	7°17	16°33	16°19	19°56	n.a.	W21
T 22	7 22 3	22°19'17	29°57	11° 8	4°18	16° 6	20°22	14°23	26°11	0°33	7°18	16°34	16°16	20° 3	n.a.	T 22
F 23	7 25 59	23°19'26	14♑43	12°51	4°54	16°52	20°21	14°30	26°12	0°35	7°19	16°R34	16°13	20°10	n.a.	F 23
S 24	7 29 56	24°19'33	29°43	14°35	5°28	17°37	20°19	14°38	26°13	0°37	7°20	16°34	16°10	20°16	n.a.	S 24
S 25	7 33 52	25°19'38	14♒49	16°21	6° 2	18°23	20°18	14°45	26°14	0°39	7°22	16°33	16° 7	20°23	n.a.	S 25
M26	7 37 49	26°19'41	29°52	18° 7	6°33	19° 8	20°16	14°52	26°14	0°41	7°23	16°32	16° 3	20°30	n.a.	M26
T 27	7 41 45	27°19'41	14♓43	19°55	7° 3	19°53	20°14	15° 0	26°15	0°43	7°24	16°31	16° 0	20°36	n.a.	T 27
W28	7 45 42	28°19'39	29°16	21°44	7°32	20°38	20°11	15° 7	26°16	0°46	7°25	16°30	15°57	20°43	n.a.	W28
T 29	7 49 39	29°19'35	13♈26	23°34	7°58	21°24	20° 9	15°14	26°16	0°48	7°26	16°29	15°54	20°50	n.a.	T 29
F 30	7 53 35	0♒19'28	27°12	25°24	8°24	22° 9	20° 6	15°22	26°17	0°50	7°27	16°D28	15°51	20°56	n.a.	F 30
S 31	7 57 32	1♒19'19	10♉35	27♑16	8♓47	22♒54	20♍ 3	15♒29	26♎18	0♑52	7♓28	16♋29	15♋48	21♌ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s49	3 s22	5 s 8	22 s16	0 s 9	15 s33	0n15	21 s33	1 s 6	5n24	1n33	19 s14	1 s50	9 s39	0n27	23 s33	0n16	24 s52	17 s 8	22n46	22n41	18n15			n.a.
F 2	23 49	1n55	5 17	22 36	0 16	15 9	0 21	21 22	1 6	5 23	1 34	19 12	1 50	9 40	0 27	23 33	0 16	24 51	17 8	22 46	22 41	18 13			n.a.
S 3	23 47	7 1	5 7	22 56	0 24	14 45	0 28	21 11	1 5	5 23	1 34	19 10	1 50	9 41	0 27	23 33	0 16	24 51	17 8	22 47	22 41	18 12			n.a.
S 4	23 46	11 42	4 42	23 14	0 31	14 21	0 36	21 0	1 5	5 22	1 34	19 8	1 50	9 41	0 27	23 33	0 16	24 50	17 7	22 47	22 42	18 11			n.a.
M 5	23 43	15 46	4 3	23 32	0 39	13 57	0 43	20 49	1 5	5 22	1 35	19 7	1 50	9 42	0 27	23 33	0 16	24 49	17 7	22 47	22 42	18 9			n.a.
T 6	23 41	19 2	3 12	23 49	0 45	13 32	0 50	20 38	1 4	5 21	1 35	19 5	1 50	9 43	0 27	23 33	0 16	24 49	17 7	22 47	22 43	18 8			n.a.
W 7	23 38	21 21	2 13	24 4	0 52	13 8	0 58	20 26	1 4	5 21	1 35	19 3	1 50	9 43	0 27	23 33	0 16	24 48	17 6	22 47	22 43	18 6			n.a.
T 8	23 34	22 37	1 8	24 19	0 59	12 43	1 6	20 14	1 3	5 20	1 35	19 1	1 50	9 44	0 27	23 33	0 16	24 48	17 6	22 47	22 44	18 5			n.a.
F 9	23 30	22 48	0 1	24 32	1 5	12 19	1 14	20 2	1 3	5 20	1 36	18 59	1 50	9 45	0 27	23 33	0 16	24 47	17 6	22 47	22 44	18 4			n.a.
S 10	23 25	21 54	1n 5	24 45	1 11	11 54	1 22	19 50	1 2	5 20	1 36	18 57	1 50	9 45	0 27	23 33	0 16	24 46	17 5	22 47	22 44	18 2			n.a.
S 11	23 20	20 2	2 8	24 56	1 16	11 30	1 30	19 38	1 2	5 20	1 36	18 55	1 50	9 46	0 27	23 33	0 16	24 46	17 5	22 47	22 45	18 1			n.a.
M12	23 15	17 19	3 5	25 5	1 22	11 6	1 39	19 25	1 1	5 20	1 37	18 53	1 50	9 46	0 27	23 33	0 16	24 45	17 5	22 47	22 45	17 59			n.a.
T 13	23 9	13 54	3 54	25 13	1 27	10 41	1 47	19 12	1 1	5 20	1 37	18 50	1 50	9 47	0 27	23 33	0 16	24 44	17 5	22 47	22 46	17 58			n.a.
W14	23 3	9 55	4 33	25 20	1 32	10 17	1 56	18 59	1 0	5 20	1 37	18 48	1 50	9 47	0 27	23 33	0 16	24 44	17 4	22 47	22 46	17 57			n.a.
T 15	22 56	5 33	5 1	25 26	1 36	9 53	2 5	18 46	1 0	5 20	1 37	18 46	1 50	9 48	0 27	23 33	0 16	24 43	17 4	22 47	22 46	17 55			n.a.
F 16	22 49	0 54	5 16	25 30	1 40	9 29	2 14	18 33	1 0	5 20	1 38	18 44	1 50	9 48	0 27	23 33	0 16	24 43	17 4	22 47	22 47	17 54			n.a.
S 17	22 41	3 s53	5 16	25 32	1 44	9 5	2 23	18 20	0 59	5 21	1 38	18 42	1 49	9 49	0 27	23 33	0 16	24 42	17 3	22 47	22 47	17 52			n.a.
S 18	22 33	8 38	5 2	25 33	1 48	8 41	2 32	18 6	0 59	5 21	1 38	18 40	1 49	9 49	0 27	23 33	0 16	24 41	17 3	22 47	22 48	17 51			n.a.
M19	22 25	13 8	4 31	25 32	1 51	8 18	2 41	17 52	0 58	5 22	1 39	18 38	1 49	9 50	0 27	23 33	0 16	24 41	17 3	22 47	22 48	17 49			n.a.
T 20	22 16	17 8	3 45	25 29	1 54	7 54	2 51	17 38	0 58	5 22	1 39	18 36	1 49	9 50	0 27	23 33	0 16	24 40	17 3	22 47	22 48	17 48			n.a.
W21	22 6	20 19	2 44	25 25	1 56	7 31	3 0	17 24	0 57	5 23	1 39	18 34	1 49	9 50	0 27	23 33	0 16	24 39	17 2	22 47	22 49	17 46			n.a.
T 22	21 57	22 19	1 31	25 19	1 58	7 9	3 10	17 10	0 57	5 24	1 39	18 31	1 49	9 51	0 27	23 33	0 16	24 39	17 2	22 47	22 49	17 45			n.a.
F 23	21 47	22 50	0 10	25 11	2 0	6 46	3 20	16 56	0 56	5 24	1 40	18 29	1 49	9 51	0 27	23 33	0 16	24 38	17 2	22 47	22 50	17 43			n.a.
S 24	21 36	21 43	1 s12	25 1	2 1	6 24	3 30	16 41	0 56	5 25	1 40	18 27	1 49	9 51	0 27	23 33	0 16	24 37	17 2	22 47	22 50	17 42			n.a.
S 25	21 25	19 3	2 31	24 49	2 2	6 2	3 40	16 26	0 55	5 26	1 40	18 25	1 49	9 52	0 27	23 33	0 16	24 37	17 1	22 47	22 50	17 40			n.a.
M26	21 14	15 5	3 38	24 36	2 2	5 41	3 50	16 11	0 55	5 27	1 41	18 23	1 49	9 52	0 27	23 33	0 16	24 36	17 1	22 47	22 51	17 39			n.a.
T 27	21 2	10 15	4 30	24 20	2 2	5 20	4 1	15 57	0 54	5 28	1 41	18 20	1 49	9 52	0 27	23 33	0 16	24 35	17 1	22 47	22 51	17 38			n.a.
W28	20 50	4 55	5 3	24 2	2 1	5 0	4 11	15 41	0 54	5 30	1 41	18 18	1 49	9 53	0 27	23 33	0 16	24 35	17 1	22 47	22 51	17 36			n.a.
T 29	20 37	0n32	5 17	23 43	2 0	4 40	4 22	15 26	0 53	5 31	1 41	18 16	1 49	9 53	0 27	23 33	0 16	24 34	17 0	22 48	22 52	17 35			n.a.
F 30	20 25	5 48	5 11	23 21	1 59	4 21	4 32	15 11	0 53	5 32	1 42	18 14	1 49	9 53	0 27	23 33	0 16	24 33	17 0	22 48	22 52	17 33			n.a.
S 31	20 s11	10n40	4 s49	22 s57	1 s57	4 s 3	4n43	14 s55	0 s52	5n33	1n42	18 s11	1 s49	9 s53	0n27	23 s33	0n16	24 s33	17 s 0	22n48	22n53	17n31			n.a.

Julian Day Number = 1309786.5, Delta T = 07h42m39s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'56, Lahiri = -19°30'56 Julian Calendar 1 Jan. 1127 BCE == Greg. Calendar 21 Dec. 1128 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

FEBRUARY 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 28	2♒19'08	23♉36	29♑ 9	9♓ 8	23♒39	20°R 0	15♒37	26♎18	0♑54	7♓30	16♋29	15♋44	21♌10	n.a.	S 1
M 2	8 5 25	3°18'54	6♊19	1♒ 4	9°28	24°24	19♍57	15°44	26°18	0°56	7°31	16°31	15°41	21°16	n.a.	M 2
T 3	8 9 21	4°18'38	18°45	2°59	9°45	25° 9	19°54	15°52	26°19	0°58	7°32	16°32	15°38	21°23	n.a.	T 3
W 4	8 13 18	5°18'19	1♋ 0	4°55	10° 0	25°54	19°50	15°59	26°19	1° 0	7°33	16°33	15°35	21°30	n.a.	W 4
T 5	8 17 14	6°17'58	13° 4	6°52	10°13	26°39	19°47	16° 7	26°19	1° 2	7°34	16°R34	15°32	21°36	n.a.	T 5
F 6	8 21 11	7°17'35	25° 2	8°50	10°25	27°23	19°43	16°14	26°20	1° 4	7°36	16°34	15°28	21°43	n.a.	F 6
S 7	8 25 8	8°17'10	6♌55	10°49	10°33	28° 8	19°39	16°22	26°20	1° 5	7°37	16°33	15°25	21°50	n.a.	S 7
S 8	8 29 4	9°16'43	18°46	12°48	10°40	28°53	19°34	16°29	26°20	1° 7	7°38	16°30	15°22	21°56	n.a.	S 8
M 9	8 33 1	10°16'13	0♍35	14°48	10°44	29°38	19°30	16°37	26°20	1° 9	7°39	16°27	15°19	22° 3	n.a.	M 9
T 10	8 36 57	11°15'41	12°26	16°48	10°R46	0♓22	19°26	16°45	26°R20	1°11	7°41	16°22	15°16	22°10	n.a.	T 10
W11	8 40 54	12°15'07	24°21	18°48	10°45	1° 7	19°21	16°52	26°20	1°13	7°42	16°18	15°13	22°16	n.a.	W11
T 12	8 44 50	13°14'31	6♎22	20°49	10°42	1°51	19°16	17° 0	26°20	1°15	7°43	16°14	15° 9	22°23	n.a.	T 12
F 13	8 48 47	14°13'54	18°32	22°49	10°36	2°36	19°11	17° 7	26°20	1°17	7°45	16°10	15° 6	22°30	n.a.	F 13
S 14	8 52 43	15°13'14	0♏55	24°48	10°28	3°20	19° 6	17°15	26°19	1°18	7°46	16° 8	15° 3	22°36	n.a.	S 14
S 15	8 56 40	16°12'32	13°35	26°46	10°18	4° 5	19° 1	17°23	26°19	1°20	7°47	16°D 7	15° 0	22°43	n.a.	S 15
M16	9 0 36	17°11'49	26°35	28°43	10° 4	4°49	18°55	17°30	26°19	1°22	7°49	16° 7	14°57	22°50	n.a.	M16
T 17	9 4 33	18°11'03	9♐58	0♓39	9°49	5°33	18°50	17°38	26°19	1°24	7°50	16° 8	14°54	22°56	n.a.	T 17
W18	9 8 30	19°10'16	23°48	2°32	9°31	6°17	18°44	17°45	26°18	1°25	7°51	16°10	14°50	23° 3	n.a.	W18
T 19	9 12 26	20° 9'27	8♑ 4	4°23	9°11	7° 2	18°38	17°53	26°18	1°27	7°53	16°11	14°47	23°10	n.a.	T 19
F 20	9 16 23	21° 8'36	22°46	6°11	8°48	7°46	18°32	18° 1	26°17	1°29	7°54	16°R11	14°44	23°16	n.a.	F 20
S 21	9 20 19	22° 7'43	7♒47	7°55	8°23	8°30	18°26	18° 8	26°17	1°30	7°55	16°10	14°41	23°23	n.a.	S 21
S 22	9 24 16	23° 6'47	23° 0	9°36	7°56	9°14	18°20	18°16	26°16	1°32	7°57	16° 6	14°38	23°30	n.a.	S 22
M23	9 28 12	24° 5'50	8♓16	11°13	7°27	9°58	18°13	18°23	26°15	1°33	7°58	16° 2	14°34	23°36	n.a.	M23
T 24	9 32 9	25° 4'50	23°23	12°45	6°56	10°42	18° 7	18°31	26°15	1°35	8° 0	15°56	14°31	23°43	n.a.	T 24
W25	9 36 5	26° 3'48	8♈13	14°12	6°24	11°26	18° 0	18°39	26°14	1°36	8° 1	15°50	14°28	23°50	n.a.	W25
T 26	9 40 2	27° 2'43	22°38	15°35	5°50	12°10	17°54	18°46	26°13	1°38	8° 2	15°45	14°25	23°56	n.a.	T 26
F 27	9 43 58	28° 1'36	6♉35	16°52	5°15	12°54	17°47	18°54	26°12	1°39	8° 4	15°41	14°22	24° 3	n.a.	F 27
S 28	9 47 55	29♒ 0'27	20♉ 3	18♓ 3	4♓39	13♓37	17♍40	19♒ 1	26♎11	1♑41	8♓ 5	15♋39	14♋19	24♌10	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s58	14n54	4s13	22s31	1s54	3s45	4n54	14s40	0s51	5n35	1n42	18s 9	1s49	9s53	0n27	23s33	0n16	24s32	17s 0	22n48	22n53	17n30			n.a.
M 2	19 44	18 21	3 25	22 3	1 51	3 27	5 4	14 24	0 51	5 36	1 42	18 7	1 49	9 53	0 27	23 33	0 16	24 31	16 59	22 47	22 53	17 28			n.a.
T 3	19 30	20 53	2 28	21 33	1 47	3 11	5 15	14 8	0 50	5 38	1 43	18 5	1 49	9 54	0 27	23 33	0 16	24 31	16 59	22 47	22 54	17 27			n.a.
W 4	19 15	22 24	1 25	21 1	1 43	2 55	5 26	13 52	0 50	5 40	1 43	18 2	1 49	9 54	0 27	23 33	0 16	24 30	16 59	22 47	22 54	17 25			n.a.
T 5	19 0	22 51	0 19	20 26	1 38	2 40	5 37	13 36	0 49	5 41	1 43	18 0	1 49	9 54	0 27	23 33	0 16	24 29	16 59	22 47	22 54	17 24			n.a.
F 6	18 45	22 14	0n47	19 50	1 33	2 26	5 47	13 20	0 49	5 43	1 43	17 58	1 49	9 54	0 27	23 33	0 16	24 29	16 59	22 47	22 55	17 22			n.a.
S 7	18 29	20 37	1 50	19 11	1 27	2 13	5 58	13 4	0 48	5 45	1 44	17 55	1 49	9 54	0 27	23 33	0 16	24 28	16 58	22 47	22 55	17 21			n.a.
S 8	18 13	18 6	2 48	18 31	1 20	2 1	6 8	12 48	0 48	5 47	1 44	17 53	1 49	9 54	0 27	23 33	0 16	24 28	16 58	22 47	22 56	17 19			n.a.
M 9	17 57	14 51	3 39	17 49	1 13	1 50	6 19	12 31	0 47	5 49	1 44	17 51	1 50	9 54	0 27	23 33	0 16	24 27	16 58	22 48	22 56	17 18			n.a.
T 10	17 41	11 0	4 21	17 5	1 5	1 40	6 29	12 15	0 47	5 51	1 44	17 49	1 50	9 54	0 27	23 33	0 16	24 26	16 58	22 48	22 56	17 16			n.a.
W11	17 24	6 43	4 51	16 19	0 56	1 30	6 39	11 58	0 46	5 53	1 44	17 46	1 50	9 54	0 27	23 33	0 16	24 26	16 58	22 49	22 57	17 15			n.a.
T 12	17 7	2 9	5 9	15 32	0 47	1 23	6 49	11 42	0 45	5 55	1 45	17 44	1 50	9 54	0 28	23 33	0 16	24 25	16 58	22 49	22 57	17 13			n.a.
F 13	16 50	2s34	5 13	14 43	0 37	1 16	6 59	11 25	0 45	5 57	1 45	17 42	1 50	9 54	0 28	23 33	0 16	24 24	16 57	22 50	22 57	17 11			n.a.
S 14	16 32	7 15	5 3	13 53	0 27	1 10	7 8	11 8	0 44	5 59	1 45	17 39	1 50	9 54	0 28	23 33	0 16	24 24	16 57	22 50	22 58	17 10			n.a.
S 15	16 14	11 45	4 38	13 3	0 16	1 6	7 17	10 51	0 44	6 2	1 45	17 37	1 50	9 54	0 28	23 33	0 16	24 23	16 57	22 50	22 58	17 8			n.a.
M16	15 56	15 50	3 59	12 11	0 5	1 3	7 25	10 34	0 43	6 4	1 46	17 35	1 50	9 53	0 28	23 33	0 16	24 22	16 57	22 50	22 59	17 7			n.a.
T 17	15 38	19 15	3 5	11 19	0n 6	1 1	7 33	10 17	0 43	6 6	1 46	17 32	1 50	9 53	0 28	23 33	0 16	24 22	16 57	22 50	22 59	17 5			n.a.
W18	15 19	21 42	1 59	10 27	0 18	1 1	7 41	10 0	0 42	6 9	1 46	17 30	1 50	9 53	0 28	23 33	0 16	24 21	16 57	22 50	22 59	17 3			n.a.
T 19	15 0	22 50	0 44	9 35	0 31	1 2	7 48	9 43	0 41	6 11	1 46	17 28	1 50	9 53	0 28	23 33	0 16	24 20	16 57	22 50	23 0	17 2			n.a.
F 20	14 41	22 28	0s36	8 44	0 43	1 5	7 55	9 26	0 41	6 14	1 46	17 25	1 50	9 53	0 28	23 33	0 16	24 20	16 57	22 50	23 0	17 0			n.a.
S 21	14 22	20 28	1 55	7 53	0 56	1 8	8 1	9 8	0 40	6 16	1 46	17 23	1 50	9 52	0 28	23 33	0 16	24 19	16 56	22 50	23 0	16 59			n.a.
S 22	14 2	17 1	3 7	7 3	1 8	1 14	8 6	8 51	0 40	6 19	1 47	17 21	1 50	9 52	0 28	23 33	0 16	24 18	16 56	22 50	23 1	16 57			n.a.
M23	13 42	12 24	4 6	6 14	1 21	1 20	8 10	8 33	0 39	6 22	1 47	17 18	1 50	9 52	0 28	23 33	0 16	24 18	16 56	22 51	23 1	16 55			n.a.
T 24	13 22	7 3	4 47	5 27	1 33	1 28	8 14	8 16	0 39	6 24	1 47	17 16	1 50	9 52	0 28	23 33	0 16	24 17	16 56	22 52	23 1	16 54			n.a.
W25	13 2	1 23	5 8	4 42	1 45	1 37	8 17	7 59	0 38	6 27	1 47	17 14	1 50	9 51	0 28	23 33	0 16	24 17	16 56	22 52	23 2	16 52			n.a.
T 26	12 42	4n11	5 8	3 59	1 57	1 48	8 19	7 41	0 37	6 30	1 47	17 11	1 50	9 51	0 28	23 33	0 16	24 16	16 56	22 53	23 2	16 51			n.a.
F 27	12 21	9 22	4 50	3 18	2 8	2 0	8 20	7 23	0 37	6 33	1 47	17 9	1 50	9 51	0 28	23 33	0 16	24 15	16 56	22 53	23 2	16 49			n.a.
S 28	12s 0	13n56	4s16	2s40	2n19	2s12	8n20	7s 6	0s36	6n35	1n47	17s 7	1s51	9s50	0n28	23s33	0n16	24s15	16s56	22n54	23n 3	16n47			n.a.

Julian Day Number = 1309817.5, Delta T = 07h42m38s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'52, Lahiri = -19°30'51 Julian Calendar 1 Feb. 1127 BCE == Greg. Calendar 21 Jan. 1127 BCE

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

MARCH 1127 BCE (-1126) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 52	29♒59'15	3♊ 4	19♓ 9	4°R 1	14♓21	17°R33	19♒ 9	26°R10	1♉42	8♓ 7	15°D39	14♋15	24♌16	n.a.	S 1
M 2	9 55 48	0♓58'01	15°43	20° 8	3♓24	15° 5	17♍26	19°16	26♎ 9	1°44	8° 8	15♋39	14°12	24°23	n.a.	M 2
T 3	9 59 45	1°56'45	28° 3	21° 2	2°45	15°48	17°19	19°24	26° 8	1°45	8° 9	15°41	14° 9	24°30	n.a.	T 3
W 4	10 3 41	2°55'26	10♋ 9	21°49	2° 7	16°32	17°12	19°31	26° 7	1°46	8°11	15°R42	14° 6	24°37	n.a.	W 4
T 5	10 7 38	3°54'05	22° 6	22°30	1°29	17°15	17° 5	19°39	26° 6	1°48	8°12	15°42	14° 3	24°43	n.a.	T 5
F 6	10 11 34	4°52'41	3♌57	23° 5	0°51	17°59	16°58	19°46	26° 5	1°49	8°14	15°40	13°59	24°50	n.a.	F 6
S 7	10 15 31	5°51'16	15°46	23°33	0°14	18°42	16°50	19°54	26° 3	1°50	8°15	15°36	13°56	24°57	n.a.	S 7
S 8	10 19 27	6°49'48	27°35	23°55	29♒38	19°26	16°43	20° 1	26° 2	1°51	8°17	15°29	13°53	25° 3	n.a.	S 8
M 9	10 23 24	7°48'18	9♍26	24°10	29° 3	20° 9	16°35	20° 9	26° 1	1°52	8°18	15°21	13°50	25°10	n.a.	M 9
T 10	10 27 20	8°46'46	21°22	24°19	28°29	20°52	16°28	20°16	25°59	1°54	8°19	15°11	13°47	25°17	n.a.	T 10
W11	10 31 17	9°45'12	3♎24	24°R22	27°57	21°35	16°20	20°23	25°58	1°55	8°21	15° 1	13°44	25°23	n.a.	W11
T 12	10 35 14	10°43'36	15°33	24°19	27°27	22°19	16°13	20°31	25°57	1°56	8°22	14°51	13°40	25°30	n.a.	T 12
F 13	10 39 10	11°41'58	27°51	24°10	26°58	23° 2	16° 5	20°38	25°55	1°57	8°24	14°42	13°37	25°37	n.a.	F 13
S 14	10 43 7	12°40'18	10♏19	23°56	26°32	23°45	15°57	20°45	25°53	1°58	8°25	14°35	13°34	25°43	n.a.	S 14
S 15	10 47 3	13°38'37	23° 1	23°36	26° 7	24°28	15°50	20°52	25°52	1°59	8°26	14°31	13°31	25°50	n.a.	S 15
M16	10 51 0	14°36'54	6♐ 0	23°12	25°45	25°11	15°42	21° 0	25°50	2° 0	8°28	14°29	13°28	25°57	n.a.	M16
T 17	10 54 56	15°35'10	19°18	22°44	25°25	25°54	15°34	21° 7	25°49	2° 1	8°29	14°D29	13°25	26° 3	n.a.	T 17
W18	10 58 53	16°33'23	2♑58	22°12	25° 7	26°36	15°27	21°14	25°47	2° 2	8°31	14°29	13°21	26°10	n.a.	W18
T 19	11 2 49	17°31'36	17° 1	21°37	24°52	27°19	15°19	21°21	25°45	2° 3	8°32	14°R29	13°18	26°17	n.a.	T 19
F 20	11 6 46	18°29'47	1♒29	21° 0	24°40	28° 2	15°11	21°28	25°43	2° 4	8°34	14°28	13°15	26°23	n.a.	F 20
S 21	11 10 43	19°27'56	16°17	20°21	24°29	28°45	15° 4	21°35	25°42	2° 4	8°35	14°25	13°12	26°30	n.a.	S 21
S 22	11 14 39	20°26'03	1♓21	19°42	24°22	29°27	14°56	21°42	25°40	2° 5	8°36	14°19	13° 9	26°37	n.a.	S 22
M23	11 18 36	21°24'08	16°31	19° 2	24°16	0♈10	14°49	21°49	25°38	2° 6	8°38	14°11	13° 5	26°43	n.a.	M23
T 24	11 22 32	22°22'12	1♈39	18°23	24°13	0°53	14°41	21°56	25°36	2° 7	8°39	14° 1	13° 2	26°50	n.a.	T 24
W25	11 26 29	23°20'14	16°33	17°45	24°D13	1°35	14°33	22° 3	25°34	2° 7	8°41	13°51	12°59	26°57	n.a.	W25
T 26	11 30 25	24°18'14	1♉ 4	17° 8	24°14	2°18	14°26	22°10	25°32	2° 8	8°42	13°42	12°56	27° 3	n.a.	T 26
F 27	11 34 22	25°16'12	15° 9	16°35	24°19	3° 0	14°19	22°17	25°30	2° 9	8°43	13°34	12°53	27°10	n.a.	F 27
S 28	11 38 18	26°14'08	28°43	16° 4	24°25	3°42	14°11	22°24	25°28	2° 9	8°45	13°29	12°50	27°17	n.a.	S 28
S 29	11 42 15	27°12'03	11♊50	15°37	24°33	4°25	14° 4	22°30	25°26	2°10	8°46	13°26	12°46	27°24	n.a.	S 29
M30	11 46 11	28° 9'55	24°31	15°13	24°44	5° 7	13°57	22°37	25°24	2°10	8°47	13°D25	12°43	27°30	n.a.	M30
T 31	11 50 8	29♓ 7'46	6♋51	14♓53	24♒57	5♈49	13♍49	22♒44	25♎22	2♉11	8♓49	13°R25	12♋40	27♌37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s40	17n40	3s30	2s 5	2n29	2s26	8n20	6s48	0s36	6n38	1n47	17s 4	1s51	9s50	0n28	23s33	0n16	24s14	16s56	22n54	23n 3	16n46			n.a.
M 2	11 18	20 29	2 35	1 32	2 39	2 41	8 18	6 31	0 35	6 41	1 48	17 2	1 51	9 50	0 28	23 33	0 16	24 14	16 56	22 54	23 3	16 44			n.a.
T 3	10 57	22 15	1 34	1 3	2 48	2 57	8 16	6 13	0 35	6 44	1 48	17 0	1 51	9 49	0 28	23 33	0 16	24 13	16 56	22 53	23 4	16 42			n.a.
W 4	10 36	22 56	0 30	0 36	2 56	3 14	8 12	5 55	0 34	6 47	1 48	16 57	1 51	9 49	0 28	23 33	0 16	24 12	16 56	22 53	23 4	16 41			n.a.
T 5	10 14	22 33	0n35	0 14	3 3	3 32	8 8	5 37	0 33	6 50	1 48	16 55	1 51	9 48	0 28	23 33	0 16	24 12	16 56	22 53	23 4	16 39			n.a.
F 6	9 53	21 9	1 37	0n 6	3 9	3 50	8 3	5 20	0 33	6 53	1 48	16 53	1 51	9 48	0 28	23 33	0 16	24 11	16 56	22 54	23 5	16 37			n.a.
S 7	9 31	18 50	2 35	0 22	3 14	4 8	7 57	5 2	0 32	6 56	1 48	16 50	1 51	9 47	0 28	23 33	0 16	24 11	16 56	22 54	23 5	16 36			n.a.
S 8	9 9	15 43	3 26	0 34	3 18	4 27	7 50	4 44	0 32	6 59	1 48	16 48	1 51	9 47	0 28	23 33	0 16	24 10	16 56	22 55	23 5	16 34			n.a.
M 9	8 47	11 58	4 8	0 43	3 21	4 47	7 42	4 26	0 31	7 2	1 48	16 46	1 51	9 46	0 28	23 33	0 16	24 9	16 56	22 56	23 6	16 32			n.a.
T 10	8 25	7 45	4 40	0 48	3 22	5 6	7 34	4 8	0 30	7 5	1 48	16 43	1 51	9 46	0 28	23 33	0 16	24 9	16 56	22 57	23 6	16 31			n.a.
W11	8 2	3 11	4 59	0 49	3 22	5 26	7 25	3 51	0 30	7 8	1 48	16 41	1 52	9 45	0 28	23 33	0 16	24 8	16 56	22 58	23 6	16 29			n.a.
T 12	7 40	1s32	5 5	0 46	3 21	5 45	7 15	3 33	0 29	7 11	1 48	16 39	1 52	9 45	0 28	23 33	0 16	24 8	16 56	22 59	23 7	16 27			n.a.
F 13	7 17	6 15	4 57	0 40	3 18	6 4	7 5	3 15	0 29	7 14	1 48	16 37	1 52	9 44	0 28	23 33	0 16	24 7	16 56	23 0	23 7	16 26			n.a.
S 14	6 55	10 48	4 35	0 31	3 14	6 23	6 54	2 57	0 28	7 17	1 48	16 34	1 52	9 44	0 28	23 33	0 16	24 7	16 56	23 1	23 7	16 24			n.a.
S 15	6 32	14 58	3 59	0 18	3 8	6 42	6 43	2 39	0 27	7 20	1 48	16 32	1 52	9 43	0 28	23 33	0 16	24 6	16 56	23 1	23 8	16 22			n.a.
M16	6 9	18 32	3 11	0 1	3 1	7 1	6 31	2 21	0 27	7 23	1 48	16 30	1 52	9 43	0 28	23 33	0 16	24 6	16 56	23 2	23 8	16 20			n.a.
T 17	5 46	21 13	2 10	0s18	2 53	7 18	6 19	2 3	0 26	7 26	1 48	16 28	1 52	9 42	0 28	23 33	0 16	24 5	16 56	23 2	23 8	16 19			n.a.
W18	5 23	22 46	1 1	0 40	2 43	7 36	6 7	1 46	0 26	7 29	1 48	16 25	1 52	9 41	0 28	23 33	0 16	24 5	16 56	23 2	23 9	16 17			n.a.
T 19	5 0	22 57	0s14	1 4	2 32	7 53	5 55	1 28	0 25	7 32	1 48	16 23	1 53	9 41	0 28	23 33	0 16	24 4	16 56	23 2	23 9	16 15			n.a.
F 20	4 37	21 36	1 29	1 30	2 19	8 9	5 42	1 10	0 24	7 35	1 48	16 21	1 53	9 40	0 28	23 33	0 16	24 3	16 56	23 2	23 9	16 14			n.a.
S 21	4 14	18 46	2 41	1 58	2 6	8 24	5 29	0 52	0 24	7 38	1 48	16 19	1 53	9 39	0 28	23 33	0 16	24 3	16 56	23 2	23 10	16 12			n.a.
S 22	3 51	14 37	3 42	2 27	1 51	8 39	5 16	0 34	0 23	7 41	1 48	16 17	1 53	9 39	0 28	23 33	0 16	24 2	16 56	23 3	23 10	16 10			n.a.
M23	3 28	9 31	4 29	2 56	1 36	8 53	5 4	0 17	0 23	7 44	1 48	16 14	1 53	9 38	0 28	23 33	0 16	24 2	16 56	23 4	23 10	16 8			n.a.
T 24	3 5	3 51	4 56	3 26	1 21	9 6	4 51	0n 1	0 22	7 47	1 48	16 12	1 53	9 37	0 28	23 33	0 16	24 2	16 56	23 5	23 11	16 7			n.a.
W25	2 41	1n58	5 2	3 56	1 4	9 18	4 38	0 19	0 21	7 50	1 48	16 10	1 53	9 36	0 28	23 33	0 16	24 1	16 56	23 6	23 11	16 5			n.a.
T 26	2 18	7 32	4 49	4 26	0 48	9 30	4 25	0 37	0 21	7 53	1 48	16 8	1 54	9 36	0 28	23 33	0 16	24 1	16 56	23 7	23 11	16 3			n.a.
F 27	1 55	12 32	4 18	4 54	0 31	9 40	4 12	0 54	0 20	7 56	1 48	16 6	1 54	9 35	0 28	23 33	0 16	24 0	16 56	23 7	23 12	16 1			n.a.
S 28	1 31	16 43	3 34	5 22	0 14	9 50	4 0	1 12	0 20	7 58	1 48	16 4	1 54	9 34	0 28	23 33	0 16	24 0	16 56	23 8	23 12	16 0			n.a.
S 29	1 8	19 56	2 39	5 48	0s 2	9 59	3 47	1 30	0 19	8 1	1 48	16 2	1 54	9 33	0 28	23 33	0 16	23 59	16 57	23 8	23 12	15 58			n.a.
M30	0 44	22 4	1 39	6 12	0 18	10 7	3 35	1 47	0 18	8 4	1 48	16 0	1 54	9 33	0 28	23 33	0 16	23 59	16 57	23 8	23 13	15 56			n.a.
T 31	0s21	23n 4	0s35	6s34	0s34	10s14	3n23	2n 5	0s18	8n 7	1n47	15s57	1s54	9s32	0n28	23s33	0n16	23s58	16s57	23n 8	23n13	15n54			n.a.

Julian Day Number = 1309845.5, Delta T = 07h42m36s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'48, Lahiri = -19°30'48 Julian Calendar 1 March 1127 BCE == Greg. Calendar 18 Feb. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

APRIL 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 54 5	0♈ 5'34	18♋56	14°R38	25♒11	6♈32	13°R42	22♒50	25°R20	2♉11	8♓50	13°R25	12♋37	27♌44	n.a.	W 1
T 2	11 58 1	1° 3'21	0♌50	14♓27	25°28	7°14	13♍35	22°57	25♎17	2°12	8°51	13♋24	12°34	27°50	n.a.	T 2
F 3	12 1 58	2° 1'06	12°40	14°21	25°46	7°56	13°28	23° 3	25°15	2°12	8°53	13°21	12°31	27°57	n.a.	F 3
S 4	12 5 54	2°58'49	24°28	14°D19	26° 7	8°38	13°21	23°10	25°13	2°13	8°54	13°15	12°27	28° 4	n.a.	S 4
S 5	12 9 51	3°56'30	6♍19	14°22	26°29	9°20	13°14	23°16	25°11	2°13	8°55	13° 6	12°24	28°10	n.a.	S 5
M 6	12 13 47	4°54'10	18°15	14°30	26°53	10° 2	13° 8	23°23	25° 9	2°13	8°57	12°55	12°21	28°17	n.a.	M 6
T 7	12 17 44	5°51'48	0♎18	14°43	27°18	10°44	13° 1	23°29	25° 6	2°14	8°58	12°43	12°18	28°24	n.a.	T 7
W 8	12 21 40	6°49'24	12°30	14°59	27°46	11°25	12°55	23°35	25° 4	2°14	8°59	12°29	12°15	28°30	n.a.	W 8
T 9	12 25 37	7°47'00	24°52	15°21	28°14	12° 7	12°48	23°41	25° 2	2°14	9° 0	12°16	12°11	28°37	n.a.	T 9
F 10	12 29 34	8°44'33	7♏23	15°46	28°44	12°49	12°42	23°48	24°59	2°14	9° 2	12° 4	12° 8	28°44	n.a.	F 10
S 11	12 33 30	9°42'06	20° 5	16°16	29°16	13°31	12°36	23°54	24°57	2°14	9° 3	11°55	12° 5	28°50	n.a.	S 11
S 12	12 37 27	10°39'38	2♐58	16°50	29°49	14°12	12°30	24° 0	24°55	2°15	9° 4	11°49	12° 2	28°57	n.a.	S 12
M13	12 41 23	11°37'08	16° 5	17°28	0♓23	14°54	12°24	24° 6	24°52	2°15	9° 5	11°45	11°59	29° 4	n.a.	M13
T 14	12 45 20	12°34'38	29°26	18°10	0°59	15°35	12°18	24°12	24°50	2°15	9° 7	11°44	11°56	29°11	n.a.	T 14
W15	12 49 16	13°32'07	13♑ 3	18°55	1°36	16°17	12°12	24°18	24°47	2°R15	9° 8	11°44	11°52	29°17	n.a.	W15
T 16	12 53 13	14°29'34	26°58	19°44	2°14	16°58	12° 7	24°23	24°45	2°15	9° 9	11°43	11°49	29°24	n.a.	T 16
F 17	12 57 9	15°27'01	11♒12	20°37	2°53	17°40	12° 1	24°29	24°43	2°15	9°10	11°42	11°46	29°31	n.a.	F 17
S 18	13 1 6	16°24'27	25°43	21°33	3°33	18°21	11°56	24°35	24°40	2°15	9°11	11°38	11°43	29°37	n.a.	S 18
S 19	13 5 3	17°21'52	10♓27	22°32	4°14	19° 3	11°51	24°40	24°38	2°15	9°13	11°32	11°40	29°44	n.a.	S 19
M20	13 8 59	18°19'16	25°19	23°34	4°56	19°44	11°46	24°46	24°35	2°14	9°14	11°23	11°36	29°51	n.a.	M20
T 21	13 12 56	19°16'39	10♈11	24°40	5°39	20°25	11°41	24°52	24°33	2°14	9°15	11°12	11°33	29°57	n.a.	T 21
W22	13 16 52	20°14'01	24°52	25°49	6°24	21° 6	11°36	24°57	24°30	2°14	9°16	11° 1	11°30	0♍ 4	n.a.	W22
T 23	13 20 49	21°11'21	9♉17	27° 0	7° 8	21°48	11°32	25° 2	24°28	2°14	9°17	10°51	11°27	0°11	n.a.	T 23
F 24	13 24 45	22° 8'41	23°18	28°15	7°54	22°29	11°27	25° 8	24°25	2°14	9°18	10°42	11°24	0°17	n.a.	F 24
S 25	13 28 42	23° 6'00	6♊53	29°32	8°41	23°10	11°23	25°13	24°23	2°13	9°19	10°36	11°21	0°24	n.a.	S 25
S 26	13 32 38	24° 3'18	20° 1	0♈52	9°28	23°51	11°19	25°18	24°20	2°13	9°20	10°32	11°17	0°31	n.a.	S 26
M27	13 36 35	25° 0'35	2♋44	2°15	10°16	24°32	11°15	25°23	24°18	2°13	9°22	10°31	11°14	0°37	n.a.	M27
T 28	13 40 32	25°57'50	15° 7	3°41	11° 5	25°13	11°12	25°28	24°15	2°12	9°23	10°D31	11°11	0°44	n.a.	T 28
W29	13 44 28	26°55'04	27°14	5°10	11°55	25°54	11° 8	25°33	24°13	2°12	9°24	10°R31	11° 8	0°51	n.a.	W29
T 30	13 48 25	27♈52'18	9♌10	6♈41	12♓45	26♈35	11♍ 5	25♒38	24♎10	2♉11	9♓25	10♋30	11♋ 5	0♍58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n 2	22n57	0n29	6s54	0s49	10s21	3n11	2n22	0s17	8n 9	1n47	15s55	1s54	9s31	0n28	23s33	0n16	23s58	16s57	23n 8	23n13	15n52		n.a.
T 2	0 26	21 47	1 31	7 12	1 4	10 26	2 59	2 40	0 16	8 12	1 47	15 53	1 55	9 30	0 28	23 33	0 16	23 58	16 57	23 8	23 13	15 51		n.a.
F 3	0 49	19 39	2 28	7 27	1 18	10 31	2 47	2 57	0 16	8 15	1 47	15 51	1 55	9 29	0 28	23 33	0 16	23 57	16 57	23 9	23 14	15 49		n.a.
S 4	1 12	16 42	3 19	7 40	1 31	10 35	2 36	3 15	0 15	8 17	1 47	15 49	1 55	9 29	0 28	23 33	0 16	23 57	16 57	23 9	23 14	15 47		n.a.
S 5	1 35	13 4	4 1	7 50	1 43	10 38	2 24	3 32	0 15	8 20	1 47	15 47	1 55	9 28	0 28	23 33	0 16	23 56	16 57	23 10	23 14	15 45		n.a.
M 6	1 59	8 54	4 33	7 57	1 55	10 40	2 13	3 49	0 14	8 22	1 47	15 45	1 55	9 27	0 28	23 33	0 16	23 56	16 58	23 11	23 15	15 43		n.a.
T 7	2 22	4 21	4 53	8 2	2 5	10 41	2 3	4 6	0 13	8 25	1 46	15 43	1 55	9 26	0 28	23 33	0 16	23 56	16 58	23 13	23 15	15 42		n.a.
W 8	2 45	0s26	5 0	8 5	2 15	10 42	1 52	4 24	0 13	8 27	1 46	15 41	1 56	9 25	0 28	23 33	0 16	23 55	16 58	23 14	23 15	15 40		n.a.
T 9	3 8	5 15	4 53	8 5	2 24	10 41	1 42	4 41	0 12	8 29	1 46	15 40	1 56	9 24	0 28	23 33	0 16	23 55	16 58	23 15	23 16	15 38		n.a.
F 10	3 31	9 55	4 32	8 2	2 32	10 40	1 32	4 58	0 12	8 32	1 46	15 38	1 56	9 24	0 28	23 33	0 16	23 54	16 58	23 16	23 16	15 36		n.a.
S 11	3 54	14 15	3 57	7 57	2 40	10 38	1 22	5 15	0 11	8 34	1 46	15 36	1 56	9 23	0 28	23 33	0 16	23 54	16 58	23 17	23 16	15 34		n.a.
S 12	4 17	18 0	3 9	7 49	2 46	10 36	1 12	5 32	0 10	8 36	1 46	15 34	1 56	9 22	0 28	23 33	0 16	23 54	16 58	23 18	23 16	15 33		n.a.
M13	4 40	20 55	2 11	7 39	2 52	10 32	1 3	5 49	0 10	8 38	1 45	15 32	1 57	9 21	0 28	23 33	0 16	23 54	16 59	23 18	23 17	15 31		n.a.
T 14	5 3	22 45	1 5	7 27	2 56	10 28	0 53	6 6	0 9	8 40	1 45	15 30	1 57	9 20	0 28	23 33	0 16	23 53	16 59	23 18	23 17	15 29		n.a.
W15	5 26	23 18	0s 7	7 12	3 0	10 23	0 45	6 22	0 9	8 42	1 45	15 28	1 57	9 19	0 28	23 33	0 16	23 53	16 59	23 18	23 17	15 27		n.a.
T 16	5 48	22 24	1 20	6 56	3 3	10 18	0 36	6 39	0 8	8 44	1 45	15 27	1 57	9 18	0 28	23 33	0 16	23 53	16 59	23 18	23 18	15 25		n.a.
F 17	6 11	20 5	2 29	6 37	3 5	10 11	0 27	6 56	0 7	8 46	1 45	15 25	1 57	9 17	0 28	23 33	0 16	23 52	16 59	23 18	23 18	15 23		n.a.
S 18	6 33	16 26	3 30	6 15	3 7	10 4	0 19	7 12	0 7	8 48	1 44	15 23	1 58	9 16	0 28	23 33	0 16	23 52	17 0	23 19	23 18	15 21		n.a.
S 19	6 55	11 44	4 18	5 52	3 7	9 57	0 11	7 29	0 6	8 50	1 44	15 21	1 58	9 16	0 28	23 33	0 16	23 52	17 0	23 19	23 18	15 20		n.a.
M20	7 18	6 18	4 49	5 27	3 7	9 48	0 3	7 45	0 6	8 52	1 44	15 20	1 58	9 15	0 28	23 33	0 16	23 51	17 0	23 20	23 19	15 18		n.a.
T 21	7 40	0 30	5 1	5 0	3 7	9 39	0s 4	8 2	0 5	8 53	1 44	15 18	1 58	9 14	0 28	23 33	0 16	23 51	17 0	23 21	23 19	15 16		n.a.
W22	8 2	5n16	4 52	4 31	3 5	9 30	0 12	8 18	0 4	8 55	1 43	15 16	1 58	9 13	0 28	23 33	0 16	23 51	17 1	23 22	23 19	15 14		n.a.
T 23	8 24	10 38	4 25	4 0	3 3	9 19	0 19	8 34	0 4	8 56	1 43	15 15	1 59	9 12	0 28	23 33	0 16	23 51	17 1	23 23	23 20	15 12		n.a.
F 24	8 46	15 19	3 42	3 27	3 0	9 8	0 26	8 50	0 3	8 58	1 43	15 13	1 59	9 11	0 28	23 33	0 16	23 51	17 1	23 23	23 20	15 10		n.a.
S 25	9 7	19 3	2 48	2 53	2 57	8 57	0 33	9 6	0 3	8 59	1 43	15 11	1 59	9 10	0 28	23 33	0 16	23 50	17 1	23 24	23 20	15 8		n.a.
S 26	9 29	21 41	1 46	2 17	2 53	8 45	0 39	9 22	0 2	9 1	1 42	15 10	1 59	9 9	0 28	23 33	0 16	23 50	17 1	23 24	23 20	15 6		n.a.
M27	9 50	23 7	0 41	1 39	2 48	8 32	0 46	9 38	0 1	9 2	1 42	15 8	1 59	9 8	0 28	23 33	0 16	23 50	17 2	23 24	23 21	15 5		n.a.
T 28	10 11	23 22	0n24	0 59	2 42	8 19	0 52	9 54	0 1	9 3	1 42	15 7	2 0	9 7	0 28	23 33	0 16	23 50	17 2	23 24	23 21	15 3		n.a.
W29	10 32	22 29	1 28	0 18	2 36	8 5	0 58	10 10	0 0	9 4	1 42	15 5	2 0	9 6	0 28	23 33	0 16	23 50	17 2	23 24	23 21	15 1		n.a.
T 30	10n53	20n36	2n26	0n24	2s30	7s51	1s 3	10n25	0n 0	9n 5	1n41	15s 4	2s 0	9s 5	0n28	23s33	0n16	23s49	17s 2	23n24	23n21	14n59		n.a.

Julian Day Number = 1309876.5, Delta T = 07h42m35s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'44, Lahiri = -19°30'43 Julian Calendar 1 Apr. 1127 BCE == Greg. Calendar 21 March 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

MAY 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 52 21	28♈49'30	21♌ 0	8♈15	13♓36	27♈15	11°R 1	25♒43	24°R 8	2°R11	9♓26	10°R28	11♋ 2	1♍ 4	n.a.	F 1
S 2	13 56 18	29°46'41	2♍50	9°51	14°27	27°56	10♍58	25°47	24♎ 5	2♏10	9°27	10♋24	10°58	1°11	n.a.	S 2
S 3	14 0 14	0♉43'51	14°45	11°30	15°20	28°37	10°55	25°52	24° 3	2°10	9°28	10°17	10°55	1°18	n.a.	S 3
M 4	14 4 11	1°41'01	26°46	13°12	16°12	29°18	10°53	25°57	24° 1	2° 9	9°28	10° 7	10°52	1°24	n.a.	M 4
T 5	14 8 7	2°38'09	8♎58	14°57	17° 6	29°58	10°50	26° 1	23°58	2° 9	9°29	9°57	10°49	1°31	n.a.	T 5
W 6	14 12 4	3°35'17	21°21	16°44	17°59	0♉39	10°48	26° 6	23°56	2° 8	9°30	9°45	10°46	1°38	n.a.	W 6
T 7	14 16 1	4°32'24	3♏57	18°33	18°54	1°19	10°46	26°10	23°53	2° 7	9°31	9°34	10°42	1°44	n.a.	T 7
F 8	14 19 57	5°29'31	16°46	20°25	19°49	2° 0	10°44	26°14	23°51	2° 7	9°32	9°24	10°39	1°51	n.a.	F 8
S 9	14 23 54	6°26'37	29°47	22°20	20°44	2°40	10°42	26°18	23°48	2° 6	9°33	9°16	10°36	1°58	n.a.	S 9
S 10	14 27 50	7°23'43	12♐59	24°17	21°40	3°21	10°40	26°22	23°46	2° 5	9°34	9°11	10°33	2° 4	n.a.	S 10
M11	14 31 47	8°20'49	26°23	26°16	22°36	4° 1	10°39	26°26	23°44	2° 4	9°35	9° 8	10°30	2°11	n.a.	M11
T 12	14 35 43	9°17'55	9♑58	28°17	23°33	4°42	10°37	26°30	23°41	2° 4	9°35	9°D 7	10°27	2°18	n.a.	T 12
W13	14 39 40	10°15'00	23°43	0♑20	24°30	5°22	10°36	26°34	23°39	2° 3	9°36	9° 8	10°23	2°25	n.a.	W13
T 14	14 43 36	11°12'06	7♒40	2°25	25°28	6° 2	10°35	26°38	23°37	2° 2	9°37	9°R 9	10°20	2°31	n.a.	T 14
F 15	14 47 33	12° 9'11	21°48	4°32	26°26	6°42	10°34	26°42	23°34	2° 1	9°38	9° 8	10°17	2°38	n.a.	F 15
S 16	14 51 30	13° 6'17	6♓ 5	6°40	27°24	7°23	10°34	26°45	23°32	2° 0	9°39	9° 6	10°14	2°45	n.a.	S 16
S 17	14 55 26	14° 3'22	20°30	8°49	28°23	8° 3	10°33	26°49	23°30	1°59	9°39	9° 2	10°11	2°51	n.a.	S 17
M18	14 59 23	15° 0'28	4♈58	10°59	29°22	8°43	10°33	26°52	23°27	1°58	9°40	8°56	10° 7	2°58	n.a.	M18
T 19	15 3 19	15°57'33	19°24	13°10	0♈21	9°23	10°D33	26°55	23°25	1°57	9°41	8°48	10° 4	3° 5	n.a.	T 19
W20	15 7 16	16°54'39	3♉42	15°20	1°21	10° 3	10°33	26°58	23°23	1°56	9°41	8°40	10° 1	3°11	n.a.	W20
T 21	15 11 12	17°51'44	17°47	17°31	2°21	10°43	10°34	27° 2	23°21	1°55	9°42	8°32	9°58	3°18	n.a.	T 21
F 22	15 15 9	18°48'50	1♊33	19°42	3°22	11°23	10°34	27° 5	23°19	1°54	9°43	8°26	9°55	3°25	n.a.	F 22
S 23	15 19 6	19°45'55	14°58	21°52	4°23	12° 3	10°35	27° 8	23°17	1°53	9°43	8°21	9°52	3°32	n.a.	S 23
S 24	15 23 2	20°43'01	28° 0	24° 1	5°24	12°43	10°36	27°10	23°14	1°52	9°44	8°19	9°48	3°38	n.a.	S 24
M25	15 26 59	21°40'06	10♋42	26° 9	6°25	13°23	10°37	27°13	23°12	1°51	9°44	8°D18	9°45	3°45	n.a.	M25
T 26	15 30 55	22°37'11	23° 4	28°17	7°27	14° 3	10°38	27°16	23°10	1°50	9°45	8°19	9°42	3°52	n.a.	T 26
W27	15 34 52	23°34'16	5♌12	0♊23	8°29	14°42	10°39	27°18	23° 8	1°48	9°46	8°21	9°39	3°58	n.a.	W27
T 28	15 38 48	24°31'21	17°10	2°27	9°31	15°22	10°41	27°21	23° 6	1°47	9°46	8°22	9°36	4° 5	n.a.	T 28
F 29	15 42 45	25°28'26	29° 2	4°30	10°33	16° 2	10°43	27°23	23° 4	1°46	9°47	8°R22	9°33	4°12	n.a.	F 29
S 30	15 46 41	26°25'30	10♍54	6°31	11°36	16°42	10°45	27°25	23° 2	1°45	9°47	8°21	9°29	4°18	n.a.	S 30
S 31	15 50 38	27♉22'35	22♍50	8♊31	12♈39	17♉21	10♍47	27♒28	23♎ 0	1♑43	9♓47	8♋18	9♋26	4♍25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n14	17n50	3n18	1n 8	2s23	7s36	1s 9	10n41	0n 1	9n 6	1n41	15s 2	2s 0	9s 5	0n28	23s33	0n16	23s49	17s 3	23n24	23n22	14n57		n.a.
S 2	11 34	14 21	4 1	1 54	2 15	7 21	1 14	10 56	0 2	9 7	1 41	15 1	2 1	9 4	0 28	23 33	0 16	23 49	17 3	23 25	23 22	14 55		n.a.
S 3	11 55	10 17	4 33	2 41	2 7	7 5	1 19	11 11	0 2	9 8	1 41	15 0	2 1	9 3	0 28	23 33	0 16	23 49	17 3	23 25	23 22	14 53		n.a.
M 4	12 15	5 47	4 54	3 29	1 59	6 49	1 24	11 27	0 3	9 9	1 40	14 58	2 1	9 2	0 28	23 33	0 16	23 49	17 4	23 26	23 23	14 51		n.a.
T 5	12 35	1 1	5 2	4 18	1 50	6 32	1 29	11 42	0 3	9 10	1 40	14 57	2 1	9 1	0 28	23 33	0 16	23 49	17 4	23 27	23 23	14 49		n.a.
W 6	12 55	3s53	4 56	5 8	1 40	6 15	1 34	11 57	0 4	9 10	1 40	14 56	2 2	9 0	0 28	23 33	0 16	23 49	17 4	23 28	23 23	14 47		n.a.
T 7	13 15	8 43	4 36	6 0	1 30	5 58	1 38	12 12	0 5	9 11	1 39	14 54	2 2	8 59	0 28	23 33	0 16	23 49	17 4	23 29	23 23	14 45		n.a.
F 8	13 34	13 16	4 1	6 52	1 20	5 40	1 42	12 27	0 5	9 11	1 39	14 53	2 2	8 58	0 28	23 33	0 16	23 48	17 5	23 29	23 24	14 43		n.a.
S 9	13 53	17 17	3 14	7 45	1 10	5 21	1 46	12 41	0 6	9 12	1 39	14 52	2 2	8 57	0 28	23 33	0 16	23 48	17 5	23 30	23 24	14 41		n.a.
S 10	14 12	20 30	2 15	8 39	0 59	5 2	1 50	12 56	0 6	9 12	1 39	14 51	2 3	8 56	0 28	23 33	0 16	23 48	17 5	23 30	23 24	14 40		n.a.
M11	14 31	22 39	1 8	9 33	0 48	4 43	1 54	13 10	0 7	9 12	1 38	14 50	2 3	8 56	0 28	23 33	0 16	23 48	17 6	23 30	23 24	14 38		n.a.
T 12	14 50	23 31	0s 4	10 27	0 38	4 24	1 57	13 25	0 8	9 13	1 38	14 48	2 3	8 55	0 28	23 33	0 16	23 48	17 6	23 31	23 25	14 36		n.a.
W13	15 8	22 59	1 17	11 22	0 27	4 4	2 1	13 39	0 8	9 13	1 38	14 47	2 3	8 54	0 28	23 33	0 16	23 48	17 6	23 30	23 25	14 34		n.a.
T 14	15 26	21 0	2 27	12 16	0 16	3 43	2 4	13 53	0 9	9 13	1 37	14 46	2 4	8 53	0 28	23 33	0 16	23 48	17 6	23 30	23 25	14 32		n.a.
F 15	15 44	17 44	3 28	13 10	0 5	3 23	2 7	14 7	0 9	9 13	1 37	14 45	2 4	8 52	0 28	23 33	0 16	23 48	17 7	23 30	23 25	14 30		n.a.
S 16	16 2	13 24	4 17	14 4	0n 6	3 2	2 10	14 21	0 10	9 13	1 37	14 44	2 4	8 51	0 28	23 33	0 16	23 48	17 7	23 31	23 26	14 28		n.a.
S 17	16 19	8 15	4 50	14 56	0 17	2 40	2 12	14 35	0 11	9 13	1 36	14 43	2 4	8 50	0 28	23 33	0 16	23 48	17 7	23 31	23 26	14 26		n.a.
M18	16 36	2 39	5 5	15 48	0 27	2 19	2 15	14 49	0 11	9 13	1 36	14 42	2 5	8 50	0 28	23 33	0 15	23 48	17 8	23 31	23 26	14 24		n.a.
T 19	16 53	3n 5	5 1	16 38	0 37	1 57	2 17	15 2	0 12	9 12	1 36	14 41	2 5	8 49	0 28	23 33	0 15	23 48	17 8	23 32	23 26	14 22		n.a.
W20	17 10	8 37	4 37	17 27	0 47	1 35	2 20	15 16	0 12	9 12	1 36	14 40	2 5	8 48	0 28	23 33	0 15	23 48	17 8	23 32	23 27	14 20		n.a.
T 21	17 26	13 36	3 58	18 14	0 56	1 13	2 22	15 29	0 13	9 12	1 35	14 40	2 5	8 47	0 28	23 33	0 15	23 48	17 9	23 33	23 27	14 18		n.a.
F 22	17 42	17 48	3 5	18 59	1 4	0 50	2 24	15 42	0 13	9 11	1 35	14 39	2 6	8 46	0 28	23 33	0 15	23 48	17 9	23 33	23 27	14 16		n.a.
S 23	17 58	20 56	2 2	19 42	1 12	0 27	2 25	15 55	0 14	9 11	1 35	14 38	2 6	8 46	0 28	23 33	0 15	23 48	17 9	23 34	23 27	14 14		n.a.
S 24	18 13	22 53	0 55	20 22	1 20	0 4	2 27	16 8	0 15	9 10	1 34	14 37	2 6	8 45	0 28	23 33	0 15	23 48	17 10	23 34	23 28	14 12		n.a.
M25	18 29	23 36	0n13	21 0	1 27	0n19	2 29	16 21	0 15	9 9	1 34	14 37	2 7	8 44	0 28	23 33	0 15	23 48	17 10	23 34	23 28	14 10		n.a.
T 26	18 43	23 7	1 19	21 36	1 33	0 43	2 30	16 34	0 16	9 8	1 34	14 36	2 7	8 43	0 28	23 33	0 15	23 49	17 10	23 34	23 28	14 8		n.a.
W27	18 58	21 33	2 20	22 9	1 38	1 6	2 31	16 46	0 16	9 8	1 33	14 35	2 7	8 43	0 27	23 34	0 15	23 49	17 11	23 34	23 28	14 6		n.a.
T 28	19 12	19 2	3 15	22 40	1 43	1 30	2 32	16 59	0 17	9 7	1 33	14 35	2 7	8 42	0 27	23 34	0 15	23 49	17 11	23 34	23 28	14 4		n.a.
F 29	19 26	15 44	4 0	23 8	1 47	1 54	2 33	17 11	0 18	9 6	1 33	14 34	2 8	8 41	0 27	23 34	0 15	23 49	17 11	23 34	23 29	14 2		n.a.
S 30	19 40	11 50	4 35	23 34	1 50	2 18	2 34	17 23	0 18	9 5	1 33	14 34	2 8	8 40	0 27	23 34	0 15	23 49	17 12	23 34	23 29	14 0		n.a.
S 31	19n54	7n27	4n59	23n56	1n53	2n42	2s35	17n35	0n19	9n 4	1n32	14s33	2s 8	8s40	0n27	23s34	0n15	23s49	17s12	23n34	23n29	13n58		n.a.

Julian Day Number = 1309906.5, Delta T = 07h42m33s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'40, Lahiri = -19°30'39 Julian Calendar 1 May 1127 BCE == Greg. Calendar 20 Apr. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

JUNE 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 54 35	28♉19'40	4♎56	10♊28	13♈42	18♉ 1	10♍49	27♒30	22°R59	1°R42	9♓48	8°R13	9♋23	4♍32	n.a.	M 1
T 2	15 58 31	29°16'44	17°13	12°24	14°46	18°40	10°51	27°32	22♎57	1♏41	9°48	8♋ 8	9°20	4°39	n.a.	T 2
W 3	16 2 28	0♊13'49	29°46	14°18	15°49	19°20	10°54	27°34	22°55	1°40	9°49	8° 1	9°17	4°45	n.a.	W 3
T 4	16 6 24	1°10'54	12♏35	16°10	16°53	19°59	10°57	27°35	22°53	1°38	9°49	7°55	9°13	4°52	n.a.	T 4
F 5	16 10 21	2° 8'00	25°41	18° 1	17°57	20°39	11° 0	27°37	22°51	1°37	9°49	7°50	9°10	4°59	n.a.	F 5
S 6	16 14 17	3° 5'06	9♐ 2	19°49	19° 1	21°18	11° 3	27°39	22°50	1°36	9°50	7°45	9° 7	5° 5	n.a.	S 6
S 7	16 18 14	4° 2'13	22°38	21°35	20° 6	21°58	11° 6	27°40	22°48	1°34	9°50	7°43	9° 4	5°12	n.a.	S 7
M 8	16 22 11	4°59'20	6♑26	23°20	21°11	22°37	11°10	27°41	22°46	1°33	9°50	7°D42	9° 1	5°19	n.a.	M 8
T 9	16 26 7	5°56'28	20°23	25° 3	22°16	23°16	11°13	27°43	22°45	1°31	9°51	7°43	8°58	5°25	n.a.	T 9
W10	16 30 4	6°53'37	4♒28	26°44	23°21	23°56	11°17	27°44	22°43	1°30	9°51	7°44	8°54	5°32	n.a.	W10
T 11	16 34 0	7°50'46	18°37	28°23	24°26	24°35	11°21	27°45	22°42	1°28	9°51	7°45	8°51	5°39	n.a.	T 11
F 12	16 37 57	8°47'57	2♓49	29°59	25°32	25°14	11°25	27°46	22°40	1°27	9°51	7°R46	8°48	5°46	n.a.	F 12
S 13	16 41 53	9°45'08	17° 2	1♋35	26°37	25°53	11°30	27°47	22°39	1°26	9°51	7°46	8°45	5°52	n.a.	S 13
S 14	16 45 50	10°42'20	1♈13	3° 8	27°43	26°33	11°34	27°47	22°38	1°24	9°52	7°45	8°42	5°59	n.a.	S 14
M15	16 49 46	11°39'34	15°21	4°39	28°49	27°12	11°39	27°48	22°36	1°23	9°52	7°43	8°39	6° 6	n.a.	M15
T 16	16 53 43	12°36'48	29°21	6° 9	29°55	27°51	11°43	27°49	22°35	1°21	9°52	7°39	8°35	6°12	n.a.	T 16
W17	16 57 40	13°34'04	13♉12	7°36	1♉ 2	28°30	11°48	27°49	22°34	1°19	9°52	7°36	8°32	6°19	n.a.	W17
T 18	17 1 36	14°31'21	26°50	9° 2	2° 8	29° 9	11°53	27°49	22°32	1°18	9°52	7°33	8°29	6°26	n.a.	T 18
F 19	17 5 33	15°28'38	10♊14	10°26	3°15	29°48	11°59	27°50	22°31	1°16	9°52	7°30	8°26	6°32	n.a.	F 19
S 20	17 9 29	16°25'57	23°21	11°47	4°22	0♊27	12° 4	27°50	22°30	1°15	9°52	7°28	8°23	6°39	n.a.	S 20
S 21	17 13 26	17°23'16	6♋10	13° 7	5°29	1° 6	12°10	27°R50	22°29	1°13	9°R52	7°D28	8°19	6°46	n.a.	S 21
M22	17 17 22	18°20'37	18°43	14°24	6°36	1°45	12°15	27°50	22°28	1°12	9°52	7°28	8°16	6°53	n.a.	M22
T 23	17 21 19	19°17'58	1♌ 2	15°39	7°43	2°24	12°21	27°50	22°27	1°10	9°52	7°29	8°13	6°59	n.a.	T 23
W24	17 25 15	20°15'20	13° 8	16°53	8°51	3° 3	12°27	27°49	22°26	1° 8	9°52	7°31	8°10	7° 6	n.a.	W24
T 25	17 29 12	21°12'43	25° 5	18° 3	9°58	3°42	12°33	27°49	22°25	1° 7	9°52	7°32	8° 7	7°13	n.a.	T 25
F 26	17 33 9	22°10'07	6♍57	19°12	11° 6	4°20	12°39	27°48	22°24	1° 5	9°52	7°33	8° 4	7°19	n.a.	F 26
S 27	17 37 5	23° 7'31	18°50	20°18	12°14	4°59	12°46	27°48	22°24	1° 4	9°52	7°R34	8° 0	7°26	n.a.	S 27
S 28	17 41 2	24° 4'57	0♎46	21°21	13°22	5°38	12°52	27°47	22°23	1° 2	9°51	7°33	7°57	7°33	n.a.	S 28
M29	17 44 58	25° 2'23	12°52	22°22	14°30	6°17	12°59	27°46	22°22	1° 0	9°51	7°33	7°54	7°39	n.a.	M29
T 30	17 48 55	25♊59'50	25♎12	23♋20	15♉38	6♊55	13♍ 6	27♒45	22♎21	0♏59	9♓51	7♋32	7♋51	7♍46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 7	2n44	5n 9	24n17	1n55	3n 7	2s35	17n47	0n19	9n 3	1n32	14s33	2s 8	8s39	0n27	23s34	0n15	23s49	17s12	23n34	23n29	13n56		n.a.
T 2	20 19	2s10	5 6	24 34	1 56	3 31	2 36	17 59	0 20	9 1	1 32	14 32	2 9	8 38	0 27	23 34	0 15	23 49	17 13	23 34	23 30	13 54		n.a.
W 3	20 32	7 5	4 48	24 49	1 57	3 56	2 36	18 10	0 20	9 0	1 31	14 32	2 9	8 38	0 27	23 34	0 15	23 50	17 13	23 35	23 30	13 51		n.a.
T 4	20 44	11 49	4 16	25 2	1 57	4 20	2 36	18 22	0 21	8 59	1 31	14 31	2 9	8 37	0 27	23 34	0 15	23 50	17 13	23 35	23 30	13 49		n.a.
F 5	20 56	16 7	3 29	25 13	1 57	4 45	2 37	18 33	0 22	8 57	1 31	14 31	2 10	8 36	0 27	23 34	0 15	23 50	17 14	23 36	23 30	13 47		n.a.
S 6	21 7	19 42	2 30	25 21	1 55	5 10	2 37	18 44	0 22	8 56	1 30	14 31	2 10	8 36	0 27	23 34	0 15	23 50	17 14	23 36	23 31	13 45		n.a.
S 7	21 18	22 16	1 21	25 27	1 54	5 34	2 36	18 55	0 23	8 54	1 30	14 31	2 10	8 35	0 27	23 34	0 15	23 50	17 15	23 36	23 31	13 43		n.a.
M 8	21 29	23 33	0 7	25 30	1 51	5 59	2 36	19 6	0 23	8 53	1 30	14 30	2 10	8 35	0 27	23 34	0 15	23 51	17 15	23 36	23 31	13 41		n.a.
T 9	21 39	23 23	1s 9	25 32	1 48	6 24	2 36	19 17	0 24	8 51	1 30	14 30	2 11	8 34	0 27	23 34	0 15	23 51	17 15	23 36	23 31	13 39		n.a.
W10	21 49	21 44	2 21	25 32	1 45	6 49	2 35	19 27	0 24	8 49	1 29	14 30	2 11	8 34	0 27	23 34	0 15	23 51	17 16	23 36	23 31	13 37		n.a.
T 11	21 58	18 44	3 25	25 30	1 41	7 14	2 35	19 38	0 25	8 47	1 29	14 30	2 11	8 33	0 27	23 34	0 15	23 51	17 16	23 36	23 32	13 35		n.a.
F 12	22 8	14 37	4 17	25 26	1 36	7 38	2 34	19 48	0 26	8 45	1 29	14 30	2 12	8 32	0 27	23 34	0 15	23 51	17 16	23 36	23 32	13 33		n.a.
S 13	22 16	9 41	4 53	25 20	1 31	8 3	2 33	19 58	0 26	8 44	1 28	14 30	2 12	8 32	0 27	23 34	0 15	23 52	17 17	23 36	23 32	13 31		n.a.
S 14	22 25	4 15	5 11	25 13	1 26	8 28	2 32	20 8	0 27	8 42	1 28	14 30	2 12	8 31	0 27	23 34	0 15	23 52	17 17	23 36	23 32	13 29		n.a.
M15	22 33	1n22	5 11	25 5	1 20	8 53	2 31	20 18	0 27	8 40	1 28	14 30	2 12	8 31	0 27	23 34	0 15	23 52	17 17	23 36	23 32	13 27		n.a.
T 16	22 41	6 53	4 51	24 54	1 14	9 17	2 30	20 27	0 28	8 37	1 28	14 30	2 13	8 30	0 27	23 34	0 15	23 53	17 18	23 36	23 33	13 24		n.a.
W17	22 48	12 0	4 15	24 43	1 7	9 42	2 29	20 37	0 28	8 35	1 27	14 30	2 13	8 30	0 27	23 34	0 15	23 53	17 18	23 36	23 33	13 22		n.a.
T 18	22 55	16 27	3 25	24 30	0 59	10 6	2 28	20 46	0 29	8 33	1 27	14 30	2 13	8 30	0 27	23 34	0 15	23 53	17 18	23 37	23 33	13 20		n.a.
F 19	23 1	19 58	2 24	24 16	0 52	10 30	2 26	20 55	0 29	8 31	1 27	14 30	2 14	8 29	0 27	23 34	0 15	23 53	17 19	23 37	23 33	13 18		n.a.
S 20	23 7	22 23	1 17	24 1	0 44	10 55	2 25	21 4	0 30	8 28	1 26	14 31	2 14	8 29	0 27	23 34	0 15	23 54	17 19	23 37	23 34	13 16		n.a.
S 21	23 13	23 34	0 7	23 46	0 35	11 19	2 23	21 13	0 31	8 26	1 26	14 31	2 14	8 28	0 27	23 34	0 15	23 54	17 20	23 37	23 34	13 14		n.a.
M22	23 18	23 31	1n 2	23 29	0 27	11 43	2 22	21 21	0 31	8 23	1 26	14 31	2 14	8 28	0 27	23 34	0 15	23 54	17 20	23 37	23 34	13 12		n.a.
T 23	23 23	22 19	2 6	23 11	0 18	12 6	2 20	21 30	0 32	8 21	1 26	14 32	2 15	8 28	0 27	23 34	0 15	23 55	17 20	23 37	23 34	13 10		n.a.
W24	23 28	20 5	3 4	22 53	0 8	12 30	2 18	21 38	0 32	8 18	1 25	14 32	2 15	8 27	0 27	23 34	0 15	23 55	17 21	23 37	23 34	13 8		n.a.
T 25	23 32	17 2	3 54	22 34	0s 1	12 53	2 17	21 46	0 33	8 16	1 25	14 32	2 15	8 27	0 27	23 34	0 15	23 55	17 21	23 37	23 35	13 5		n.a.
F 26	23 36	13 18	4 32	22 14	0 12	13 16	2 15	21 54	0 33	8 13	1 25	14 33	2 16	8 27	0 27	23 34	0 15	23 56	17 21	23 37	23 35	13 3		n.a.
S 27	23 39	9 4	5 0	21 54	0 22	13 39	2 13	22 2	0 34	8 10	1 24	14 33	2 16	8 26	0 27	23 34	0 15	23 56	17 22	23 37	23 35	13 1		n.a.
S 28	23 42	4 28	5 14	21 34	0 32	14 2	2 11	22 10	0 35	8 8	1 24	14 34	2 16	8 26	0 27	23 34	0 15	23 57	17 22	23 37	23 35	12 59		n.a.
M29	23 44	0s20	5 15	21 14	0 43	14 25	2 8	22 17	0 35	8 5	1 24	14 34	2 16	8 26	0 27	23 34	0 15	23 57	17 22	23 37	23 35	12 57		n.a.
T 30	23n46	5s14	5n 1	20n53	0s54	14n47	2s 6	22n24	0n36	8n 2	1n24	14s35	2s17	8s26	0n27	23s34	0n15	23s57	17s23	23n37	23n36	12n55		n.a.

Julian Day Number = 1309937.5, Delta T = 07h42m32s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'36, Lahiri = -19°30'35 Julian Calendar 1 June 1127 BCE == Greg. Calendar 21 May 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

JULY 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 52 51	26♊57'19	7♏48	24♋15	16♉47	7♊34	13♍13	27°R44	22°R21	0°R57	9°R51	7°R30	7♋48	7♍53	n.a.	W 1
T 2	17 56 48	27°54'48	20°44	25° 7	17°55	8°13	13°20	27♒43	22♎20	0♑56	9♓51	7♋29	7°45	8° 0	n.a.	T 2
F 3	18 0 45	28°52'19	4♐ 1	25°55	19° 4	8°51	13°27	27°42	22°20	0°54	9°50	7°28	7°41	8° 6	n.a.	F 3
S 4	18 4 41	29°49'51	17°39	26°41	20°13	9°30	13°35	27°41	22°19	0°52	9°50	7°27	7°38	8°13	n.a.	S 4
S 5	18 8 38	0♋47'24	1♑36	27°23	21°22	10° 8	13°42	27°39	22°19	0°51	9°50	7°D27	7°35	8°20	n.a.	S 5
M 6	18 12 34	1°44'58	15°50	28° 1	22°31	10°47	13°50	27°38	22°19	0°49	9°50	7°27	7°32	8°26	n.a.	M 6
T 7	18 16 31	2°42'35	0♒14	28°35	23°40	11°25	13°57	27°36	22°18	0°47	9°49	7°27	7°29	8°33	n.a.	T 7
W 8	18 20 27	3°40'12	14°45	29° 5	24°49	12° 4	14° 5	27°34	22°18	0°46	9°49	7°28	7°25	8°40	n.a.	W 8
T 9	18 24 24	4°37'51	29°16	29°31	25°58	12°42	14°13	27°32	22°18	0°44	9°48	7°28	7°22	8°47	n.a.	T 9
F 10	18 28 20	5°35'32	13♓43	29°52	27° 8	13°20	14°21	27°31	22°18	0°43	9°48	7°28	7°19	8°53	n.a.	F 10
S 11	18 32 17	6°33'15	28° 2	0♌ 8	28°17	13°59	14°30	27°29	22°17	0°41	9°48	7°28	7°16	9° 0	n.a.	S 11
S 12	18 36 14	7°31'00	12♈10	0°19	29°27	14°37	14°38	27°26	22°17	0°39	9°47	7°28	7°13	9° 7	n.a.	S 12
M13	18 40 10	8°28'46	26° 5	0°25	0♊37	15°15	14°46	27°24	22°D17	0°38	9°47	7°28	7°10	9°13	n.a.	M13
T 14	18 44 7	9°26'34	9♉47	0°R26	1°47	15°54	14°55	27°22	22°17	0°36	9°46	7°28	7° 6	9°20	n.a.	T 14
W15	18 48 3	10°24'25	23°14	0°21	2°57	16°32	15° 4	27°20	22°18	0°34	9°46	7°29	7° 3	9°27	n.a.	W15
T 16	18 52 0	11°22'17	6♊27	0°10	4° 7	17°10	15°12	27°17	22°18	0°33	9°45	7°29	7° 0	9°34	n.a.	T 16
F 17	18 55 56	12°20'11	19°26	29♋53	5°17	17°48	15°21	27°15	22°18	0°31	9°45	7°29	6°57	9°40	n.a.	F 17
S 18	18 59 53	13°18'07	2♋12	29°30	6°28	18°27	15°30	27°12	22°18	0°30	9°44	7°R30	6°54	9°47	n.a.	S 18
S 19	19 3 49	14°16'04	14°45	29° 2	7°38	19° 5	15°40	27° 9	22°19	0°28	9°44	7°30	6°51	9°54	n.a.	S 19
M20	19 7 46	15°14'04	27° 5	28°28	8°49	19°43	15°49	27° 6	22°19	0°27	9°43	7°29	6°47	10° 0	n.a.	M20
T 21	19 11 43	16°12'05	9♌16	27°48	9°59	20°21	15°58	27° 3	22°19	0°25	9°42	7°28	6°44	10° 7	n.a.	T 21
W22	19 15 39	17°10'07	21°17	27° 4	11°10	20°59	16° 8	27° 0	22°20	0°23	9°42	7°27	6°41	10°14	n.a.	W22
T 23	19 19 36	18° 8'11	3♍12	26°15	12°21	21°37	16°17	26°57	22°20	0°22	9°41	7°26	6°38	10°20	n.a.	T 23
F 24	19 23 32	19° 6'17	15° 4	25°22	13°32	22°15	16°27	26°54	22°21	0°20	9°41	7°24	6°35	10°27	n.a.	F 24
S 25	19 27 29	20° 4'25	26°55	24°27	14°43	22°53	16°37	26°51	22°21	0°19	9°40	7°23	6°31	10°34	n.a.	S 25
S 26	19 31 25	21° 2'34	8♎50	23°30	15°54	23°31	16°47	26°47	22°22	0°17	9°39	7°22	6°28	10°41	n.a.	S 26
M27	19 35 22	22° 0'44	20°54	22°33	17° 5	24° 9	16°57	26°44	22°23	0°16	9°38	7°D21	6°25	10°47	n.a.	M27
T 28	19 39 18	22°58'57	3♏11	21°36	18°16	24°47	17° 7	26°41	22°24	0°14	9°38	7°22	6°22	10°54	n.a.	T 28
W29	19 43 15	23°57'11	15°45	20°41	19°28	25°25	17°17	26°37	22°24	0°13	9°37	7°22	6°19	11° 1	n.a.	W29
T 30	19 47 11	24°55'26	28°40	19°49	20°39	26° 3	17°27	26°33	22°25	0°11	9°36	7°24	6°16	11° 7	n.a.	T 30
F 31	19 51 8	25♋53'44	11♐59	19♋ 2	21♊51	26♊41	17♍37	26♒30	22♎26	0♑10	9♓35	7♋25	6♋12	11♍14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n48	10s 2	4n33	20n32	1s 6	15n 9	2s 4	22n31	0n36	7n59	1n23	14s36	2s17	8s26	0n27	23s34	0n15	23s58	17s23	23n37	23n36	12n53			n.a.
T 2	23 49	14 31	3 51	20 12	1 17	15 30	2 2	22 38	0 37	7 56	1 23	14 36	2 17	8 25	0 27	23 34	0 15	23 58	17 23	23 37	23 36	12 50			n.a.
F 3	23 49	18 26	2 55	19 51	1 29	15 52	1 59	22 45	0 37	7 53	1 23	14 37	2 18	8 25	0 26	23 34	0 15	23 59	17 24	23 37	23 36	12 48			n.a.
S 4	23 50	21 28	1 48	19 31	1 40	16 13	1 57	22 51	0 38	7 50	1 23	14 38	2 18	8 25	0 26	23 34	0 15	23 59	17 24	23 37	23 36	12 46			n.a.
S 5	23 50	23 17	0 32	19 11	1 52	16 34	1 54	22 58	0 38	7 47	1 22	14 38	2 18	8 25	0 26	23 35	0 15	23 59	17 24	23 37	23 36	12 44			n.a.
M 6	23 49	23 38	0s46	18 52	2 4	16 54	1 52	23 4	0 39	7 43	1 22	14 39	2 18	8 25	0 26	23 35	0 15	24 0	17 25	23 37	23 37	12 42			n.a.
T 7	23 48	22 26	2 3	18 33	2 16	17 14	1 49	23 10	0 39	7 40	1 22	14 40	2 19	8 25	0 26	23 35	0 15	24 0	17 25	23 37	23 37	12 40			n.a.
W 8	23 47	19 44	3 12	18 16	2 28	17 34	1 46	23 16	0 40	7 37	1 22	14 41	2 19	8 25	0 26	23 35	0 15	24 1	17 26	23 37	23 37	12 37			n.a.
T 9	23 45	15 48	4 9	17 59	2 40	17 53	1 44	23 22	0 41	7 33	1 21	14 42	2 19	8 25	0 26	23 35	0 15	24 1	17 26	23 37	23 37	12 35			n.a.
F 10	23 42	10 57	4 50	17 43	2 52	18 12	1 41	23 27	0 41	7 30	1 21	14 43	2 19	8 25	0 26	23 35	0 15	24 2	17 26	23 37	23 37	12 33			n.a.
S 11	23 40	5 34	5 13	17 28	3 3	18 31	1 38	23 32	0 42	7 27	1 21	14 44	2 20	8 25	0 26	23 35	0 15	24 2	17 26	23 37	23 38	12 31			n.a.
S 12	23 37	0n 3	5 16	17 15	3 14	18 49	1 35	23 37	0 42	7 23	1 21	14 45	2 20	8 25	0 26	23 35	0 15	24 3	17 27	23 37	23 38	12 29			n.a.
M13	23 33	5 34	5 1	17 3	3 25	19 6	1 32	23 42	0 43	7 20	1 21	14 46	2 20	8 25	0 26	23 35	0 15	24 3	17 27	23 37	23 38	12 26			n.a.
T 14	23 29	10 45	4 28	16 53	3 36	19 24	1 29	23 47	0 43	7 16	1 20	14 47	2 20	8 25	0 26	23 35	0 15	24 4	17 27	23 37	23 38	12 24			n.a.
W15	23 25	15 19	3 42	16 44	3 46	19 41	1 26	23 52	0 44	7 12	1 20	14 48	2 21	8 25	0 26	23 35	0 15	24 4	17 28	23 37	23 38	12 22			n.a.
T 16	23 20	19 3	2 44	16 37	3 55	19 57	1 23	23 56	0 44	7 9	1 20	14 49	2 21	8 25	0 26	23 35	0 15	24 5	17 28	23 37	23 38	12 20			n.a.
F 17	23 15	21 46	1 38	16 33	4 3	20 13	1 20	24 0	0 45	7 5	1 20	14 50	2 21	8 25	0 26	23 35	0 15	24 5	17 28	23 37	23 39	12 18			n.a.
S 18	23 9	23 19	0 29	16 31	4 10	20 28	1 17	24 4	0 45	7 1	1 19	14 51	2 21	8 25	0 26	23 35	0 15	24 6	17 29	23 37	23 39	12 15			n.a.
S 19	23 3	23 40	0n40	16 30	4 16	20 43	1 14	24 8	0 46	6 57	1 19	14 52	2 22	8 25	0 26	23 35	0 15	24 6	17 29	23 37	23 39	12 13			n.a.
M20	22 57	22 49	1 46	16 33	4 21	20 57	1 11	24 12	0 47	6 53	1 19	14 53	2 22	8 25	0 26	23 35	0 15	24 7	17 29	23 37	23 39	12 11			n.a.
T 21	22 50	20 54	2 47	16 37	4 25	21 11	1 8	24 15	0 47	6 50	1 19	14 55	2 22	8 26	0 26	23 35	0 15	24 7	17 30	23 37	23 39	12 9			n.a.
W22	22 42	18 5	3 39	16 44	4 26	21 25	1 5	24 19	0 48	6 46	1 19	14 56	2 22	8 26	0 26	23 35	0 15	24 8	17 30	23 37	23 39	12 6			n.a.
T 23	22 35	14 33	4 22	16 53	4 26	21 37	1 2	24 22	0 48	6 42	1 18	14 57	2 23	8 26	0 26	23 35	0 15	24 8	17 30	23 37	23 40	12 4			n.a.
F 24	22 27	10 27	4 52	17 4	4 25	21 50	0 59	24 25	0 49	6 38	1 18	14 59	2 23	8 26	0 26	23 35	0 15	24 9	17 30	23 37	23 40	12 2			n.a.
S 25	22 18	5 59	5 11	17 18	4 21	22 1	0 55	24 27	0 49	6 34	1 18	15 0	2 23	8 27	0 26	23 35	0 15	24 9	17 31	23 37	23 40	12 0			n.a.
S 26	22 9	1 16	5 16	17 33	4 15	22 12	0 52	24 30	0 50	6 30	1 18	15 1	2 23	8 27	0 26	23 35	0 15	24 10	17 31	23 37	23 40	11 57			n.a.
M27	22 0	3s33	5 7	17 50	4 8	22 23	0 49	24 32	0 50	6 25	1 18	15 3	2 24	8 27	0 26	23 35	0 15	24 10	17 31	23 37	23 40	11 55			n.a.
T 28	21 50	8 19	4 45	18 9	3 58	22 32	0 46	24 34	0 51	6 21	1 17	15 4	2 24	8 27	0 26	23 35	0 15	24 11	17 32	23 37	23 40	11 53			n.a.
W29	21 40	12 52	4 8	18 28	3 47	22 42	0 43	24 36	0 51	6 17	1 17	15 6	2 24	8 28	0 26	23 35	0 15	24 11	17 32	23 37	23 41	11 51			n.a.
T 30	21 30	16 58	3 18	18 49	3 34	22 50	0 39	24 38	0 52	6 13	1 17	15 7	2 24	8 28	0 26	23 35	0 15	24 12	17 32	23 37	23 41	11 48			n.a.
F 31	21n19	20s21	2n16	19n10	3s19	22n58	0s36	24n40	0n53	6n 9	1n17	15s 9	2s24	8s29	0n26	23s35	0n15	24s12	17s32	23n37	23n41	11n46			n.a.

Julian Day Number = 1309967.5, Delta T = 07h42m30s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'31, Lahiri = -19°30'31 Julian Calendar 1 July 1127 BCE == Greg. Calendar 20 June 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

AUGUST 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 5	26♋52'03	25♐44	18°R20	23♊ 2	27♊18	17♍48	26°R26	22♎27	0°R 9	9°R35	7♋26	6♋ 9	11♍21	n.a.	S 1
S 2	19 59 1	27°50'24	9♑54	17♋44	24°14	27°56	17°58	26♒22	22°28	0♑ 7	9♓34	7°R26	6° 6	11°28	n.a.	S 2
M 3	20 2 58	28°48'47	24°25	17°16	25°26	28°34	18° 9	26°18	22°29	0° 6	9°33	7°26	6° 3	11°34	n.a.	M 3
T 4	20 6 54	29°47'12	9♒13	16°57	26°38	29°12	18°20	26°14	22°31	0° 4	9°32	7°24	6° 0	11°41	n.a.	T 4
W 5	20 10 51	0♌45'39	24°10	16°45	27°50	29°49	18°30	26°10	22°32	0° 3	9°31	7°21	5°57	11°48	n.a.	W 5
T 6	20 14 47	1°44'08	9♓ 8	16°D43	29° 2	0♋27	18°41	26° 6	22°33	0° 2	9°30	7°18	5°53	11°54	n.a.	T 6
F 7	20 18 44	2°42'39	23°57	16°51	0♋14	1° 5	18°52	26° 2	22°34	0° 0	9°30	7°15	5°50	12° 1	n.a.	F 7
S 8	20 22 40	3°41'13	8♈31	17° 7	1°26	1°42	19° 3	25°58	22°36	29♐59	9°29	7°12	5°47	12° 8	n.a.	S 8
S 9	20 26 37	4°39'48	22°46	17°33	2°39	2°20	19°14	25°54	22°37	29°58	9°28	7°10	5°44	12°15	n.a.	S 9
M10	20 30 34	5°38'27	6♉40	18° 7	3°51	2°57	19°25	25°49	22°38	29°57	9°27	7°D10	5°41	12°21	n.a.	M10
T 11	20 34 30	6°37'07	20°13	18°51	5° 4	3°35	19°37	25°45	22°40	29°55	9°26	7°10	5°37	12°28	n.a.	T 11
W12	20 38 27	7°35'51	3♊25	19°42	6°16	4°12	19°48	25°41	22°41	29°54	9°25	7°12	5°34	12°35	n.a.	W12
T 13	20 42 23	8°34'36	16°20	20°41	7°29	4°50	19°59	25°36	22°43	29°53	9°24	7°13	5°31	12°41	n.a.	T 13
F 14	20 46 20	9°33'24	29° 0	21°48	8°42	5°27	20°11	25°32	22°45	29°52	9°23	7°15	5°28	12°48	n.a.	F 14
S 15	20 50 16	10°32'14	11♋27	23° 1	9°54	6° 5	20°22	25°27	22°46	29°51	9°22	7°R15	5°25	12°55	n.a.	S 15
S 16	20 54 13	11°31'07	23°43	24°19	11° 7	6°42	20°34	25°23	22°48	29°49	9°21	7°14	5°22	13° 2	n.a.	S 16
M17	20 58 9	12°30'02	5♌52	25°43	12°20	7°20	20°46	25°18	22°50	29°48	9°20	7°10	5°18	13° 8	n.a.	M17
T 18	21 2 6	13°28'59	17°53	27°12	13°33	7°57	20°57	25°13	22°52	29°47	9°19	7° 6	5°15	13°15	n.a.	T 18
W19	21 6 3	14°27'58	29°49	28°45	14°46	8°34	21° 9	25° 9	22°53	29°46	9°18	6°59	5°12	13°22	n.a.	W19
T 20	21 9 59	15°26'59	11♍41	0♌21	16° 0	9°12	21°21	25° 4	22°55	29°45	9°17	6°52	5° 9	13°28	n.a.	T 20
F 21	21 13 56	16°26'02	23°32	2° 0	17°13	9°49	21°33	24°59	22°57	29°44	9°16	6°45	5° 6	13°35	n.a.	F 21
S 22	21 17 52	17°25'07	5♎23	3°41	18°26	10°26	21°45	24°55	22°59	29°43	9°15	6°38	5° 3	13°42	n.a.	S 22
S 23	21 21 49	18°24'14	17°18	5°24	19°39	11° 4	21°57	24°50	23° 1	29°42	9°14	6°32	4°59	13°49	n.a.	S 23
M24	21 25 45	19°23'23	29°20	7° 9	20°53	11°41	22° 9	24°45	23° 3	29°41	9°13	6°28	4°56	13°55	n.a.	M24
T 25	21 29 42	20°22'34	11♏33	8°55	22° 6	12°18	22°21	24°40	23° 6	29°40	9°12	6°26	4°53	14° 2	n.a.	T 25
W26	21 33 38	21°21'47	24° 2	10°41	23°20	12°55	22°33	24°36	23° 8	29°40	9°11	6°D25	4°50	14° 9	n.a.	W26
T 27	21 37 35	22°21'02	6♐51	12°29	24°34	13°32	22°46	24°31	23°10	29°39	9° 9	6°26	4°47	14°15	n.a.	T 27
F 28	21 41 31	23°20'19	20° 4	14°16	25°47	14° 9	22°58	24°26	23°12	29°38	9° 8	6°27	4°43	14°22	n.a.	F 28
S 29	21 45 28	24°19'38	3♑44	16° 3	27° 1	14°46	23°10	24°21	23°15	29°37	9° 7	6°R28	4°40	14°29	n.a.	S 29
S 30	21 49 25	25°18'59	17°53	17°51	28°15	15°23	23°23	24°17	23°17	29°36	9° 6	6°28	4°37	14°36	n.a.	S 30
M31	21 53 21	26♌18'21	2♒29	19♌38	29♋29	16♋ 0	23♍35	24♒12	23♎19	29♐36	9♓ 5	6♋25	4♋34	14♍42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n 7	22s41	1n 4	19n32	3s 3	23n 6	0s33	24n41	0n53	6n 4	1n17	15s10	2s25	8s29	0n26	23s35	0n15	24s13	17s33	23n37	23n41	11n44		n.a.	S 1
S 2	20 56	23 41	0s14	19 53	2 46	23 12	0 30	24 42	0 54	6 0	1 16	15 12	2 25	8 29	0 26	23 35	0 15	24 13	17 33	23 37	23 41	11 42		n.a.	S 2
M 3	20 44	23 6	1 32	20 14	2 29	23 18	0 27	24 43	0 54	5 56	1 16	15 13	2 25	8 30	0 26	23 35	0 15	24 14	17 33	23 37	23 41	11 39		n.a.	M 3
T 4	20 32	20 54	2 46	20 35	2 10	23 24	0 23	24 44	0 55	5 51	1 16	15 15	2 25	8 30	0 25	23 35	0 15	24 15	17 33	23 37	23 41	11 37		n.a.	T 4
W 5	20 19	17 16	3 49	20 55	1 52	23 28	0 20	24 45	0 55	5 47	1 16	15 16	2 25	8 31	0 25	23 35	0 15	24 15	17 34	23 37	23 42	11 35		n.a.	W 5
T 6	20 6	12 32	4 37	21 13	1 33	23 32	0 17	24 45	0 56	5 42	1 16	15 18	2 25	8 31	0 25	23 35	0 15	24 16	17 34	23 37	23 42	11 32		n.a.	T 6
F 7	19 52	7 6	5 5	21 31	1 15	23 36	0 14	24 46	0 56	5 38	1 15	15 19	2 26	8 32	0 25	23 35	0 15	24 16	17 34	23 38	23 42	11 30		n.a.	F 7
S 8	19 39	1 22	5 14	21 47	0 57	23 38	0 11	24 46	0 57	5 33	1 15	15 21	2 26	8 32	0 25	23 35	0 14	24 17	17 34	23 38	23 42	11 28		n.a.	S 8
S 9	19 24	4n20	5 2	22 1	0 39	23 40	0 8	24 46	0 57	5 29	1 15	15 23	2 26	8 33	0 25	23 35	0 14	24 17	17 34	23 38	23 42	11 26		n.a.	S 9
M10	19 10	9 40	4 33	22 13	0 22	23 42	0 5	24 46	0 58	5 24	1 15	15 24	2 26	8 33	0 25	23 35	0 14	24 18	17 35	23 38	23 42	11 23		n.a.	M10
T 11	18 55	14 24	3 50	22 23	0 6	23 42	0 2	24 45	0 58	5 19	1 15	15 26	2 26	8 34	0 25	23 35	0 14	24 18	17 35	23 38	23 42	11 21		n.a.	T 11
W12	18 40	18 19	2 55	22 30	0n 9	23 42	0n 1	24 45	0 59	5 15	1 15	15 28	2 26	8 35	0 25	23 35	0 14	24 19	17 35	23 38	23 43	11 19		n.a.	W12
T 13	18 25	21 16	1 52	22 36	0 23	23 41	0 5	24 44	0 59	5 10	1 14	15 29	2 27	8 35	0 25	23 35	0 14	24 19	17 35	23 38	23 43	11 16		n.a.	T 13
F 14	18 9	23 4	0 45	22 38	0 37	23 40	0 8	24 43	1 0	5 5	1 14	15 31	2 27	8 36	0 25	23 35	0 14	24 20	17 35	23 38	23 43	11 14		n.a.	F 14
S 15	17 53	23 42	0n23	22 38	0 49	23 38	0 10	24 42	1 1	5 0	1 14	15 33	2 27	8 36	0 25	23 35	0 14	24 21	17 36	23 38	23 43	11 12		n.a.	S 15
S 16	17 36	23 10	1 29	22 35	1 0	23 35	0 13	24 40	1 1	4 56	1 14	15 34	2 27	8 37	0 25	23 35	0 14	24 21	17 36	23 38	23 43	11 9		n.a.	S 16
M17	17 20	21 31	2 30	22 29	1 10	23 31	0 16	24 39	1 2	4 51	1 14	15 36	2 27	8 38	0 25	23 35	0 14	24 22	17 36	23 38	23 43	11 7		n.a.	M17
T 18	17 3	18 56	3 23	22 20	1 18	23 27	0 19	24 37	1 2	4 46	1 14	15 38	2 27	8 39	0 25	23 35	0 14	24 22	17 36	23 38	23 43	11 5		n.a.	T 18
W19	16 45	15 34	4 7	22 9	1 26	23 22	0 22	24 35	1 3	4 41	1 14	15 39	2 27	8 39	0 25	23 35	0 14	24 23	17 36	23 38	23 43	11 2		n.a.	W19
T 20	16 28	11 36	4 40	21 55	1 33	23 16	0 25	24 33	1 3	4 36	1 13	15 41	2 27	8 40	0 25	23 35	0 14	24 23	17 36	23 39	23 44	11 0		n.a.	T 20
F 21	16 10	7 12	5 1	21 38	1 38	23 9	0 28	24 31	1 4	4 31	1 13	15 43	2 27	8 41	0 25	23 35	0 14	24 24	17 37	23 39	23 44	10 58		n.a.	F 21
S 22	15 52	2 32	5 9	21 19	1 43	23 2	0 30	24 29	1 4	4 27	1 13	15 44	2 28	8 42	0 25	23 35	0 14	24 24	17 37	23 40	23 44	10 55		n.a.	S 22
S 23	15 33	2s14	5 4	20 57	1 47	22 54	0 33	24 26	1 5	4 22	1 13	15 46	2 28	8 42	0 25	23 35	0 14	24 25	17 37	23 40	23 44	10 53		n.a.	S 23
M24	15 15	6 59	4 45	20 33	1 49	22 46	0 36	24 23	1 5	4 17	1 13	15 48	2 28	8 43	0 25	23 36	0 14	24 26	17 37	23 40	23 44	10 51		n.a.	M24
T 25	14 56	11 32	4 13	20 7	1 51	22 36	0 38	24 21	1 6	4 12	1 13	15 50	2 28	8 44	0 25	23 36	0 14	24 26	17 37	23 40	23 44	10 48		n.a.	T 25
W26	14 37	15 43	3 29	19 38	1 53	22 27	0 41	24 17	1 6	4 7	1 13	15 51	2 28	8 45	0 25	23 36	0 14	24 27	17 37	23 40	23 44	10 46		n.a.	W26
T 27	14 17	19 18	2 33	19 8	1 53	22 16	0 43	24 14	1 7	4 2	1 12	15 53	2 28	8 46	0 25	23 36	0 14	24 27	17 37	23 40	23 44	10 44		n.a.	T 27
F 28	13 58	22 0	1 27	18 37	1 53	22 5	0 46	24 11	1 7	3 56	1 12	15 55	2 28	8 47	0 25	23 36	0 14	24 28	17 37	23 40	23 45	10 41		n.a.	F 28
S 29	13 38	23 32	0 15	18 3	1 52	21 53	0 48	24 7	1 8	3 51	1 12	15 56	2 28	8 47	0 25	23 36	0 14	24 28	17 38	23 40	23 45	10 39		n.a.	S 29
S 30	13 17	23 37	1s 1	17 29	1 50	21 40	0 50	24 4	1 9	3 46	1 12	15 58	2 28	8 48	0 25	23 36	0 14	24 29	17 38	23 40	23 45	10 36		n.a.	S 30
M31	12n57	22s 7	2s15	16n53	1n48	21n27	0n52	24n 0	1n 9	3n41	1n12	16s 0	2s28	8s49	0n25	23s36	0n14	24s29	17s38	23n40	23n45	10n34		n.a.	M31

Julian Day Number = 1309998.5, Delta T = 07h42m28s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'27, Lahiri = -19°30'27 Julian Calendar 1 Aug. 1127 BCE == Greg. Calendar 21 July 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

SEPTEMBER 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 18	27♌17'46	17♒28	21♌25	0♌43	16♋37	23♍48	24°R 7	23♎22	29°R35	9°R 4	6°R20	4♋31	14♍49	n.a.	T 1
W 2	22 1 14	28°17'13	2♓41	23°11	1°57	17°14	24° 0	24♒ 2	23°24	29♐34	9♓ 3	6♋14	4°28	14°56	n.a.	W 2
T 3	22 5 11	29°16'42	17°58	24°57	3°11	17°51	24°13	23°58	23°27	29°34	9° 2	6° 6	4°24	15° 2	n.a.	T 3
F 4	22 9 7	0♍16'13	3♈ 9	26°43	4°25	18°28	24°25	23°53	23°29	29°33	9° 0	5°57	4°21	15° 9	n.a.	F 4
S 5	22 13 4	1°15'47	18° 2	28°28	5°39	19° 5	24°38	23°48	23°32	29°33	8°59	5°50	4°18	15°16	n.a.	S 5
S 6	22 17 0	2°15'23	2♉32	0♍12	6°53	19°42	24°51	23°43	23°34	29°32	8°58	5°44	4°15	15°23	n.a.	S 6
M 7	22 20 57	3°15'01	16°34	1°56	8° 7	20°18	25° 4	23°39	23°37	29°31	8°57	5°41	4°12	15°29	n.a.	M 7
T 8	22 24 53	4°14'42	0♊ 9	3°39	9°22	20°55	25°16	23°34	23°40	29°31	8°56	5°D40	4° 8	15°36	n.a.	T 8
W 9	22 28 50	5°14'25	13°18	5°21	10°36	21°32	25°29	23°29	23°42	29°31	8°55	5°40	4° 5	15°43	n.a.	W 9
T 10	22 32 47	6°14'11	26° 4	7° 3	11°50	22° 9	25°42	23°25	23°45	29°30	8°54	5°41	4° 2	15°49	n.a.	T 10
F 11	22 36 43	7°14'00	8♋33	8°44	13° 5	22°45	25°55	23°20	23°48	29°30	8°52	5°R41	3°59	15°56	n.a.	F 11
S 12	22 40 40	8°13'50	20°48	10°24	14°19	23°22	26° 8	23°16	23°51	29°29	8°51	5°40	3°56	16° 3	n.a.	S 12
S 13	22 44 36	9°13'43	2♌53	12° 4	15°34	23°59	26°21	23°11	23°54	29°29	8°50	5°36	3°53	16°10	n.a.	S 13
M14	22 48 33	10°13'38	14°52	13°43	16°49	24°35	26°34	23° 7	23°57	29°29	8°49	5°30	3°49	16°16	n.a.	M14
T 15	22 52 29	11°13'36	26°46	15°21	18° 3	25°12	26°47	23° 2	24° 0	29°29	8°48	5°20	3°46	16°23	n.a.	T 15
W16	22 56 26	12°13'35	8♍38	16°59	19°18	25°48	27° 0	22°58	24° 2	29°28	8°47	5° 9	3°43	16°30	n.a.	W16
T 17	23 0 22	13°13'37	20°29	18°37	20°33	26°25	27°13	22°53	24° 5	29°28	8°45	4°56	3°40	16°36	n.a.	T 17
F 18	23 4 19	14°13'40	2♎22	20°13	21°47	27° 1	27°26	22°49	24° 9	29°28	8°44	4°42	3°37	16°43	n.a.	F 18
S 19	23 8 16	15°13'45	14°16	21°50	23° 2	27°38	27°39	22°45	24°12	29°28	8°43	4°29	3°34	16°50	n.a.	S 19
S 20	23 12 12	16°13'53	26°15	23°25	24°17	28°14	27°53	22°41	24°15	29°28	8°42	4°18	3°30	16°57	n.a.	S 20
M21	23 16 9	17°14'02	8♏19	25° 0	25°32	28°50	28° 6	22°37	24°18	29°28	8°41	4° 9	3°27	17° 3	n.a.	M21
T 22	23 20 5	18°14'13	20°33	26°35	26°47	29°27	28°19	22°32	24°21	29°D28	8°40	4° 3	3°24	17°10	n.a.	T 22
W23	23 24 2	19°14'26	3♐ 0	28° 9	28° 2	0♌ 3	28°32	22°28	24°24	29°28	8°39	4° 0	3°21	17°17	n.a.	W23
T 24	23 27 58	20°14'40	15°43	29°43	29°17	0°39	28°45	22°25	24°27	29°28	8°37	3°D59	3°18	17°23	n.a.	T 24
F 25	23 31 55	21°14'56	28°48	1♎16	0♍32	1°15	28°59	22°21	24°31	29°28	8°36	3°R59	3°14	17°30	n.a.	F 25
S 26	23 35 51	22°15'14	12♑18	2°49	1°47	1°52	29°12	22°17	24°34	29°28	8°35	3°59	3°11	17°37	n.a.	S 26
S 27	23 39 48	23°15'33	26°16	4°21	3° 2	2°28	29°25	22°13	24°37	29°28	8°34	3°58	3° 8	17°44	n.a.	S 27
M28	23 43 44	24°15'54	10♒42	5°53	4°17	3° 4	29°39	22° 9	24°40	29°28	8°33	3°54	3° 5	17°50	n.a.	M28
T 29	23 47 41	25°16'17	25°33	7°25	5°32	3°40	29°52	22° 6	24°44	29°29	8°32	3°47	3° 2	17°57	n.a.	T 29
W30	23 51 38	26♍16'41	10♓45	8♎56	6♍47	4♌16	0♎ 5	22♒ 2	24♎47	29♐29	8♓31	3♋38	2♋59	18♍ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n36	19s 3	3s22	16n16	1n46	21n13	0n55	23n56	1n10	3n36	1n12	16s 1	2s28	8s50	0n25	23s36	0n14	24s30	17s38	23n40	23n45	10n32		n.a.
W 2	12 16	14 38	4 15	15 38	1 43	20 58	0 57	23 51	1 10	3 31	1 12	16 3	2 28	8 51	0 25	23 36	0 14	24 30	17 38	23 41	23 45	10 29		n.a.
T 3	11 55	9 16	4 51	14 59	1 40	20 43	0 59	23 47	1 11	3 26	1 12	16 5	2 28	8 52	0 25	23 36	0 14	24 31	17 38	23 41	23 45	10 27		n.a.
F 4	11 33	3 23	5 5	14 19	1 36	20 27	1 1	23 42	1 11	3 20	1 12	16 6	2 28	8 53	0 25	23 36	0 14	24 31	17 38	23 42	23 45	10 25		n.a.
S 5	11 12	2n35	4 59	13 38	1 32	20 11	1 3	23 38	1 12	3 15	1 11	16 8	2 28	8 54	0 25	23 36	0 14	24 32	17 38	23 42	23 45	10 22		n.a.
S 6	10 50	8 17	4 33	12 57	1 27	19 54	1 5	23 33	1 12	3 10	1 11	16 9	2 28	8 55	0 25	23 36	0 14	24 32	17 38	23 42	23 46	10 20		n.a.
M 7	10 29	13 22	3 52	12 15	1 23	19 36	1 7	23 28	1 13	3 5	1 11	16 11	2 28	8 56	0 25	23 36	0 14	24 33	17 38	23 42	23 46	10 17		n.a.
T 8	10 7	17 37	2 58	11 32	1 18	19 18	1 9	23 23	1 13	3 0	1 11	16 13	2 28	8 57	0 25	23 36	0 14	24 33	17 38	23 42	23 46	10 15		n.a.
W 9	9 44	20 50	1 57	10 49	1 13	18 59	1 10	23 17	1 14	2 54	1 11	16 14	2 28	8 58	0 24	23 36	0 14	24 34	17 38	23 42	23 46	10 13		n.a.
T 10	9 22	22 55	0 51	10 6	1 7	18 40	1 12	23 12	1 14	2 49	1 11	16 16	2 28	8 59	0 24	23 36	0 14	24 34	17 38	23 42	23 46	10 10		n.a.
F 11	9 0	23 48	0n15	9 23	1 2	18 20	1 14	23 6	1 15	2 44	1 11	16 17	2 28	9 0	0 24	23 36	0 14	24 35	17 38	23 42	23 46	10 8		n.a.
S 12	8 37	23 30	1 20	8 39	0 56	18 0	1 15	23 1	1 16	2 38	1 11	16 19	2 28	9 1	0 24	23 36	0 14	24 35	17 38	23 42	23 46	10 5		n.a.
S 13	8 14	22 6	2 20	7 55	0 50	17 39	1 17	22 55	1 16	2 33	1 11	16 20	2 28	9 2	0 24	23 36	0 14	24 36	17 38	23 42	23 46	10 3		n.a.
M14	7 51	19 42	3 13	7 11	0 44	17 17	1 18	22 49	1 17	2 28	1 11	16 22	2 28	9 4	0 24	23 36	0 14	24 36	17 38	23 43	23 46	10 0		n.a.
T 15	7 28	16 29	3 57	6 26	0 38	16 55	1 19	22 42	1 17	2 22	1 11	16 23	2 28	9 5	0 24	23 36	0 14	24 36	17 38	23 43	23 46	9 58		n.a.
W16	7 5	12 37	4 30	5 42	0 31	16 33	1 21	22 36	1 18	2 17	1 10	16 25	2 28	9 6	0 24	23 36	0 14	24 37	17 38	23 44	23 47	9 56		n.a.
T 17	6 42	8 17	4 52	4 58	0 25	16 10	1 22	22 30	1 18	2 12	1 10	16 26	2 28	9 7	0 24	23 36	0 14	24 37	17 38	23 44	23 47	9 53		n.a.
F 18	6 18	3 38	5 1	4 13	0 19	15 47	1 23	22 23	1 19	2 6	1 10	16 27	2 28	9 8	0 24	23 36	0 14	24 38	17 38	23 45	23 47	9 51		n.a.
S 19	5 55	1s10	4 57	3 29	0 12	15 23	1 24	22 16	1 19	2 1	1 10	16 29	2 28	9 9	0 24	23 36	0 14	24 38	17 38	23 45	23 47	9 48		n.a.
S 20	5 31	5 57	4 40	2 44	0 5	14 58	1 25	22 9	1 20	1 56	1 10	16 30	2 28	9 10	0 24	23 36	0 14	24 39	17 38	23 45	23 47	9 46		n.a.
M21	5 7	10 34	4 10	2 0	0s 1	14 34	1 26	22 2	1 20	1 50	1 10	16 31	2 28	9 12	0 24	23 36	0 14	24 39	17 38	23 46	23 47	9 43		n.a.
T 22	4 43	14 50	3 28	1 16	0 8	14 9	1 27	21 55	1 21	1 45	1 10	16 33	2 28	9 13	0 24	23 36	0 14	24 39	17 38	23 46	23 47	9 41		n.a.
W23	4 20	18 33	2 36	0 32	0 14	13 43	1 28	21 48	1 22	1 39	1 10	16 34	2 28	9 14	0 24	23 36	0 14	24 40	17 38	23 46	23 47	9 39		n.a.
T 24	3 56	21 28	1 35	0s12	0 21	13 17	1 28	21 40	1 22	1 34	1 10	16 35	2 28	9 15	0 24	23 36	0 14	24 40	17 38	23 46	23 47	9 36		n.a.
F 25	3 31	23 22	0 27	0 56	0 28	12 51	1 29	21 33	1 23	1 29	1 10	16 36	2 27	9 16	0 24	23 36	0 14	24 40	17 38	23 46	23 47	9 34		n.a.
S 26	3 7	23 59	0s44	1 40	0 34	12 24	1 30	21 25	1 23	1 23	1 10	16 38	2 27	9 18	0 24	23 36	0 14	24 41	17 38	23 46	23 47	9 31		n.a.
S 27	2 43	23 7	1 55	2 23	0 41	11 57	1 30	21 17	1 24	1 18	1 10	16 39	2 27	9 19	0 24	23 36	0 14	24 41	17 37	23 46	23 47	9 29		n.a.
M28	2 19	20 44	3 1	3 6	0 47	11 30	1 30	21 9	1 24	1 12	1 10	16 40	2 27	9 20	0 24	23 36	0 13	24 42	17 37	23 46	23 48	9 26		n.a.
T 29	1 55	16 55	3 57	3 49	0 54	11 2	1 31	21 1	1 25	1 7	1 10	16 41	2 27	9 21	0 24	23 36	0 13	24 42	17 37	23 46	23 48	9 24		n.a.
W30	1n30	11s55	4s37	4s31	1s 0	10n34	1n31	20n53	1n25	1n 2	1n10	16s42	2s27	9s23	0n24	23s36	0n13	24s42	17s37	23n47	23n48	9n21		n.a.

Julian Day Number = 1310029.5, Delta T = 07h42m27s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'23, Lahiri = -19°30'23 Julian Calendar 1 Sept. 1127 BCE == Greg. Calendar 21 Aug. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

OCTOBER 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 34	27♍17'06	26♓ 6	10♎27	8♍ 3	4♌52	0♎19	21°R59	24♎50	29♐29	8°R30	3°R27	2♋55	18♍11	n.a.	T 1
F 2	23 59 31	28°17'34	11♈25	11°57	9°18	5°28	0°32	21♒55	24°54	29°29	8♓28	3♋15	2°52	18°17	n.a.	F 2
S 3	0 3 27	29°18'03	26°30	13°27	10°33	6° 4	0°45	21°52	24°57	29°30	8°27	3° 4	2°49	18°24	n.a.	S 3
S 4	0 7 24	0♎18'35	11♉13	14°56	11°48	6°40	0°59	21°49	25° 1	29°30	8°26	2°56	2°46	18°31	n.a.	S 4
M 5	0 11 20	1°19'08	25°27	16°25	13° 4	7°15	1°12	21°46	25° 4	29°31	8°25	2°50	2°43	18°37	n.a.	M 5
T 6	0 15 17	2°19'43	9♊11	17°54	14°19	7°51	1°25	21°43	25° 8	29°31	8°24	2°46	2°39	18°44	n.a.	T 6
W 7	0 19 13	3°20'20	22°25	19°22	15°34	8°27	1°39	21°40	25°11	29°32	8°23	2°45	2°36	18°51	n.a.	W 7
T 8	0 23 10	4°21'00	5♋14	20°49	16°50	9° 3	1°52	21°37	25°15	29°32	8°22	2°45	2°33	18°58	n.a.	T 8
F 9	0 27 7	5°21'41	17°41	22°16	18° 5	9°38	2° 5	21°34	25°18	29°33	8°21	2°45	2°30	19° 4	n.a.	F 9
S 10	0 31 3	6°22'24	29°53	23°43	19°21	10°14	2°19	21°32	25°22	29°33	8°20	2°43	2°27	19°11	n.a.	S 10
S 11	0 35 0	7°23'08	11♌53	25° 9	20°36	10°49	2°32	21°29	25°25	29°34	8°19	2°39	2°24	19°18	n.a.	S 11
M12	0 38 56	8°23'55	23°47	26°34	21°51	11°25	2°45	21°26	25°29	29°34	8°18	2°32	2°20	19°24	n.a.	M12
T 13	0 42 53	9°24'43	5♍37	27°58	23° 7	12° 0	2°59	21°24	25°32	29°35	8°17	2°22	2°17	19°31	n.a.	T 13
W14	0 46 49	10°25'32	17°28	29°22	24°22	12°36	3°12	21°22	25°36	29°36	8°16	2° 9	2°14	19°38	n.a.	W14
T 15	0 50 46	11°26'23	29°21	0♏44	25°38	13°11	3°25	21°20	25°40	29°37	8°15	1°55	2°11	19°45	n.a.	T 15
F 16	0 54 42	12°27'16	11♎17	2° 6	26°53	13°46	3°38	21°17	25°43	29°37	8°14	1°40	2° 8	19°51	n.a.	F 16
S 17	0 58 39	13°28'10	23°19	3°26	28° 9	14°22	3°52	21°15	25°47	29°38	8°13	1°26	2° 5	19°58	n.a.	S 17
S 18	1 2 36	14°29'05	5♏26	4°45	29°24	14°57	4° 5	21°14	25°50	29°39	8°12	1°13	2° 1	20° 5	n.a.	S 18
M19	1 6 32	15°30'02	17°40	6° 2	0♎40	15°32	4°18	21°12	25°54	29°40	8°12	1° 3	1°58	20°11	n.a.	M19
T 20	1 10 29	16°31'00	0♐ 3	7°17	1°56	16° 7	4°32	21°10	25°58	29°41	8°11	0°57	1°55	20°18	n.a.	T 20
W21	1 14 25	17°31'58	12°36	8°31	3°11	16°42	4°45	21° 8	26° 1	29°42	8°10	0°53	1°52	20°25	n.a.	W21
T 22	1 18 22	18°32'58	25°23	9°42	4°27	17°17	4°58	21° 7	26° 5	29°43	8° 9	0°D51	1°49	20°32	n.a.	T 22
F 23	1 22 18	19°33'59	8♑27	10°50	5°42	17°52	5°11	21° 6	26° 9	29°44	8° 8	0°51	1°45	20°38	n.a.	F 23
S 24	1 26 15	20°35'01	21°50	11°55	6°58	18°27	5°24	21° 4	26°13	29°45	8° 7	0°R52	1°42	20°45	n.a.	S 24
S 25	1 30 11	21°36'03	5♒36	12°56	8°14	19° 2	5°37	21° 3	26°16	29°46	8° 7	0°51	1°39	20°52	n.a.	S 25
M26	1 34 8	22°37'06	19°46	13°53	9°29	19°36	5°50	21° 2	26°20	29°47	8° 6	0°48	1°36	20°59	n.a.	M26
T 27	1 38 5	23°38'10	4♓20	14°46	10°45	20°11	6° 3	21° 1	26°24	29°48	8° 5	0°43	1°33	21° 5	n.a.	T 27
W28	1 42 1	24°39'15	19°12	15°33	12° 0	20°46	6°17	21° 0	26°27	29°50	8° 4	0°35	1°30	21°12	n.a.	W28
T 29	1 45 58	25°40'20	4♈17	16°14	13°16	21°20	6°30	21° 0	26°31	29°51	8° 3	0°25	1°26	21°19	n.a.	T 29
F 30	1 49 54	26°41'26	19°25	16°48	14°31	21°55	6°43	20°59	26°35	29°52	8° 3	0°15	1°23	21°25	n.a.	F 30
S 31	1 53 51	27♎42'33	4♉25	17♏15	15♎47	22♌29	6♎55	20♒58	26♎38	29♐53	8♓ 2	0♋ 5	1♋20	21♍32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n 6	6s 7	4s58	5s13	1s 7	10n 6	1n31	20n45	1n26	0n56	1n10	16s43	2s27	9s24	0n24	23s36	0n13	24s43	17s37	23n47	23n48	9n19			n.a.
F 2	0 41	0n 2	4 57	5 55	1 13	9 37	1 31	20 36	1 26	0 51	1 9	16 44	2 27	9 25	0 24	23 36	0 13	24 43	17 37	23 47	23 48	9 16			n.a.
S 3	0 17	6 7	4 36	6 36	1 19	9 8	1 31	20 28	1 27	0 45	1 9	16 45	2 27	9 27	0 24	23 36	0 13	24 43	17 37	23 48	23 48	9 14			n.a.
S 4	0s 8	11 42	3 56	7 17	1 25	8 39	1 31	20 19	1 28	0 40	1 9	16 46	2 26	9 28	0 24	23 36	0 13	24 43	17 37	23 48	23 48	9 11			n.a.
M 5	0 32	16 28	3 3	7 57	1 31	8 10	1 31	20 11	1 28	0 34	1 9	16 47	2 26	9 29	0 24	23 36	0 13	24 44	17 36	23 48	23 48	9 9			n.a.
T 6	0 56	20 12	2 1	8 37	1 36	7 40	1 31	20 2	1 29	0 29	1 9	16 48	2 26	9 30	0 24	23 36	0 13	24 44	17 36	23 48	23 48	9 6			n.a.
W 7	1 21	22 42	0 54	9 16	1 42	7 10	1 31	19 53	1 29	0 24	1 9	16 49	2 26	9 32	0 24	23 36	0 13	24 44	17 36	23 48	23 48	9 4			n.a.
T 8	1 45	23 57	0n13	9 55	1 47	6 40	1 31	19 44	1 30	0 18	1 9	16 50	2 26	9 33	0 24	23 36	0 13	24 44	17 36	23 48	23 48	9 1			n.a.
F 9	2 10	23 56	1 18	10 33	1 53	6 10	1 30	19 35	1 30	0 13	1 9	16 50	2 26	9 34	0 24	23 36	0 13	24 45	17 36	23 48	23 48	8 59			n.a.
S 10	2 34	22 45	2 18	11 10	1 57	5 40	1 30	19 25	1 31	0 7	1 9	16 51	2 26	9 36	0 24	23 36	0 13	24 45	17 36	23 48	23 48	8 56			n.a.
S 11	2 59	20 33	3 11	11 46	2 2	5 9	1 30	19 16	1 31	0 2	1 9	16 52	2 25	9 37	0 24	23 36	0 13	24 45	17 35	23 48	23 48	8 54			n.a.
M12	3 23	17 30	3 55	12 22	2 7	4 38	1 29	19 7	1 32	0s 3	1 9	16 52	2 25	9 38	0 24	23 36	0 13	24 45	17 35	23 48	23 48	8 51			n.a.
T 13	3 47	13 44	4 28	12 57	2 11	4 7	1 28	18 57	1 33	0 9	1 9	16 53	2 25	9 40	0 24	23 37	0 13	24 46	17 35	23 48	23 49	8 49			n.a.
W14	4 12	9 28	4 50	13 31	2 15	3 36	1 28	18 47	1 33	0 14	1 9	16 54	2 25	9 41	0 24	23 37	0 13	24 46	17 35	23 49	23 49	8 46			n.a.
T 15	4 36	4 49	4 59	14 4	2 18	3 5	1 27	18 38	1 34	0 20	1 9	16 54	2 25	9 42	0 24	23 37	0 13	24 46	17 35	23 49	23 49	8 44			n.a.
F 16	5 0	0s 1	4 55	14 36	2 21	2 34	1 26	18 28	1 34	0 25	1 9	16 55	2 25	9 44	0 24	23 37	0 13	24 46	17 34	23 49	23 49	8 41			n.a.
S 17	5 24	4 54	4 38	15 7	2 24	2 3	1 25	18 18	1 35	0 30	1 9	16 55	2 25	9 45	0 24	23 37	0 13	24 46	17 34	23 49	23 49	8 39			n.a.
S 18	5 48	9 38	4 9	15 36	2 26	1 31	1 24	18 8	1 35	0 36	1 9	16 56	2 24	9 46	0 24	23 37	0 13	24 46	17 34	23 49	23 49	8 36			n.a.
M19	6 12	14 4	3 27	16 4	2 28	1 0	1 23	17 58	1 36	0 41	1 9	16 56	2 24	9 48	0 24	23 37	0 13	24 47	17 34	23 49	23 49	8 34			n.a.
T 20	6 36	17 58	2 35	16 31	2 29	0 29	1 22	17 48	1 37	0 46	1 9	16 57	2 24	9 49	0 24	23 37	0 13	24 47	17 33	23 50	23 49	8 31			n.a.
W21	6 59	21 6	1 35	16 56	2 30	0s 3	1 21	17 38	1 37	0 52	1 9	16 57	2 24	9 51	0 24	23 37	0 13	24 47	17 33	23 50	23 49	8 29			n.a.
T 22	7 23	23 16	0 29	17 19	2 30	0 34	1 20	17 27	1 38	0 57	1 9	16 57	2 24	9 52	0 24	23 37	0 13	24 47	17 33	23 50	23 49	8 26			n.a.
F 23	7 47	24 13	0s40	17 40	2 29	1 6	1 19	17 17	1 38	1 2	1 9	16 57	2 23	9 53	0 24	23 37	0 13	24 47	17 33	23 50	23 49	8 24			n.a.
S 24	8 10	23 49	1 49	18 0	2 28	1 38	1 17	17 6	1 39	1 8	1 9	16 58	2 23	9 55	0 24	23 37	0 13	24 47	17 32	23 50	23 49	8 21			n.a.
S 25	8 33	21 58	2 53	18 17	2 26	2 9	1 16	16 56	1 39	1 13	1 9	16 58	2 23	9 56	0 24	23 37	0 13	24 47	17 32	23 50	23 49	8 19			n.a.
M26	8 56	18 44	3 49	18 32	2 22	2 41	1 15	16 45	1 40	1 18	1 9	16 58	2 23	9 57	0 24	23 37	0 13	24 47	17 32	23 50	23 49	8 16			n.a.
T 27	9 19	14 17	4 32	18 44	2 18	3 12	1 13	16 35	1 41	1 23	1 9	16 58	2 23	9 59	0 24	23 37	0 13	24 47	17 32	23 50	23 49	8 13			n.a.
W28	9 42	8 53	4 57	18 53	2 13	3 43	1 12	16 24	1 41	1 29	1 9	16 58	2 22	10 0	0 24	23 37	0 13	24 47	17 31	23 50	23 49	8 11			n.a.
T 29	10 5	2 53	5 2	18 59	2 7	4 15	1 10	16 13	1 42	1 34	1 9	16 58	2 22	10 1	0 24	23 37	0 13	24 47	17 31	23 50	23 49	8 8			n.a.
F 30	10 27	3n19	4 46	19 2	1 59	4 46	1 9	16 3	1 42	1 39	1 9	16 58	2 22	10 3	0 24	23 37	0 13	24 47	17 31	23 50	23 49	8 6			n.a.
S 31	10s50	9n16	4s11	19s 1	1s50	5s17	1n 7	15n52	1n43	1s44	1n 9	16s58	2s22	10s 4	0n24	23s37	0n13	24s47	17s30	23n50	23n49	8n 3			n.a.

Julian Day Number = 1310059.5, Delta T = 07h42m25s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'19, Lahiri = -19°30'19 Julian Calendar 1 Oct. 1127 BCE == Greg. Calendar 20 Sept. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

NOVEMBER 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 47	28♎43'41	19♉ 8	17♏33	17♎ 3	23♌ 4	7♎ 8	20°R58	26♎42	29♐55	8°R 1	29°R57	1♋17	21♍39	n.a.	S 1
M 2	2 1 44	29°44'49	3♊27	17°R41	18°18	23°38	7°21	20♒58	26°46	29°56	8♓ 1	29♊52	1°14	21°46	n.a.	M 2
T 3	2 5 40	0♏45'59	17°18	17°39	19°34	24°12	7°34	20°58	26°49	29°57	8° 0	29°49	1°11	21°52	n.a.	T 3
W 4	2 9 37	1°47'10	0♋40	17°27	20°50	24°46	7°47	20°D58	26°53	29°59	7°59	29°D48	1° 7	21°59	n.a.	W 4
T 5	2 13 34	2°48'22	13°36	17° 3	22° 5	25°20	8° 0	20°58	26°57	29°59	7°59	29°49	1° 4	22° 6	n.a.	T 5
F 6	2 17 30	3°49'35	26° 8	16°28	23°21	25°55	8°12	20°58	27° 1	0♑ 1	7°58	29°50	1° 1	22°12	n.a.	F 6
S 7	2 21 27	4°50'48	8♌23	15°41	24°36	26°29	8°25	20°58	27° 4	0° 3	7°58	29°R50	0°58	22°19	n.a.	S 7
S 8	2 25 23	5°52'03	20°24	14°43	25°52	27° 2	8°38	20°58	27° 8	0° 4	7°57	29°48	0°55	22°26	n.a.	S 8
M 9	2 29 20	6°53'18	2♍18	13°37	27° 8	27°36	8°50	20°59	27°12	0° 6	7°57	29°45	0°51	22°33	n.a.	M 9
T 10	2 33 16	7°54'34	14° 8	12°22	28°23	28°10	9° 3	21° 0	27°15	0° 7	7°56	29°39	0°48	22°39	n.a.	T 10
W11	2 37 13	8°55'50	26° 0	11° 3	29°39	28°44	9°15	21° 0	27°19	0° 9	7°56	29°31	0°45	22°46	n.a.	W11
T 12	2 41 9	9°57'07	7♎55	9°40	0♏54	29°17	9°28	21° 1	27°23	0°11	7°55	29°22	0°42	22°53	n.a.	T 12
F 13	2 45 6	10°58'25	19°57	8°18	2°10	29°51	9°40	21° 2	27°26	0°12	7°55	29°12	0°39	23° 0	n.a.	F 13
S 14	2 49 3	11°59'43	2♏ 7	6°59	3°26	0♍24	9°52	21° 3	27°30	0°14	7°54	29° 2	0°36	23° 6	n.a.	S 14
S 15	2 52 59	13° 1'02	14°27	5°45	4°41	0°58	10° 5	21° 4	27°33	0°16	7°54	28°54	0°32	23°13	n.a.	S 15
M16	2 56 56	14° 2'20	26°56	4°38	5°57	1°31	10°17	21° 6	27°37	0°17	7°53	28°47	0°29	23°20	n.a.	M16
T 17	3 0 52	15° 3'39	9♐36	3°40	7°13	2° 4	10°29	21° 7	27°41	0°19	7°53	28°43	0°26	23°26	n.a.	T 17
W18	3 4 49	16° 4'58	22°26	2°53	8°28	2°37	10°41	21° 9	27°44	0°21	7°53	28°D41	0°23	23°33	n.a.	W18
T 19	3 8 45	17° 6'18	5♑29	2°15	9°44	3°10	10°53	21°10	27°48	0°22	7°52	28°41	0°20	23°40	n.a.	T 19
F 20	3 12 42	18° 7'36	18°44	1°49	10°59	3°43	11° 5	21°12	27°51	0°24	7°52	28°42	0°16	23°47	n.a.	F 20
S 21	3 16 39	19° 8'55	2♒13	1°33	12°15	4°16	11°17	21°14	27°55	0°26	7°52	28°44	0°13	23°53	n.a.	S 21
S 22	3 20 35	20°10'14	15°58	1°D27	13°30	4°48	11°29	21°16	27°58	0°28	7°52	28°R45	0°10	24° 0	n.a.	S 22
M23	3 24 32	21°11'32	29°59	1°30	14°46	5°21	11°41	21°18	28° 2	0°30	7°51	28°45	0° 7	24° 7	n.a.	M23
T 24	3 28 28	22°12'49	14♓15	1°42	16° 1	5°53	11°53	21°20	28° 5	0°32	7°51	28°43	0° 4	24°14	n.a.	T 24
W25	3 32 25	23°14'06	28°44	2° 2	17°17	6°26	12° 4	21°22	28° 9	0°33	7°51	28°39	0° 1	24°20	n.a.	W25
T 26	3 36 21	24°15'23	13♈22	2°30	18°32	6°58	12°16	21°24	28°12	0°35	7°51	28°34	29♊57	24°27	n.a.	T 26
F 27	3 40 18	25°16'39	28° 2	3° 3	19°48	7°30	12°27	21°27	28°16	0°37	7°51	28°29	29°54	24°34	n.a.	F 27
S 28	3 44 14	26°17'55	12♉39	3°43	21° 3	8° 2	12°39	21°30	28°19	0°39	7°51	28°24	29°51	24°40	n.a.	S 28
S 29	3 48 11	27°19'11	27° 5	4°28	22°19	8°34	12°50	21°32	28°22	0°41	7°50	28°20	29°48	24°47	n.a.	S 29
M30	3 52 8	28♏20'27	11♊13	5♏17	23♏34	9♍ 6	13♎ 1	21♒35	28♎26	0♑43	7♓50	28♊17	29♊45	24♍54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s12	14n36	3s19	18s56	1s40	5s48	1n 5	15n41	1n44	1s49	1n 9	16s58	2s22	10s 6	0n24	23s37	0n13	24s47	17s30	23n50	23n49	8n 1		n.a.
M 2	11 34	18 58	2 16	18 47	1 28	6 19	1 4	15 30	1 44	1 54	1 9	16 58	2 21	10 7	0 24	23 37	0 13	24 47	17 30	23 50	23 49	7 58		n.a.
T 3	11 56	22 7	1 6	18 34	1 15	6 49	1 2	15 19	1 45	2 0	1 9	16 58	2 21	10 8	0 24	23 37	0 13	24 47	17 30	23 50	23 49	7 55		n.a.
W 4	12 17	23 54	0n 5	18 16	1 0	7 20	1 0	15 8	1 45	2 5	1 9	16 58	2 21	10 10	0 24	23 37	0 13	24 47	17 29	23 50	23 49	7 53		n.a.
T 5	12 39	24 20	1 13	17 54	0 44	7 50	0 58	14 56	1 46	2 10	1 9	16 58	2 21	10 11	0 24	23 37	0 13	24 47	17 29	23 50	23 49	7 50		n.a.
F 6	13 0	23 30	2 16	17 26	0 26	8 21	0 56	14 45	1 46	2 15	1 9	16 57	2 21	10 12	0 24	23 37	0 13	24 47	17 29	23 50	23 49	7 48		n.a.
S 7	13 21	21 32	3 11	16 55	0 7	8 51	0 54	14 34	1 47	2 20	1 9	16 57	2 20	10 14	0 24	23 37	0 13	24 47	17 28	23 50	23 50	7 45		n.a.
S 8	13 42	18 40	3 57	16 19	0n13	9 21	0 52	14 23	1 48	2 25	1 9	16 57	2 20	10 15	0 24	23 37	0 13	24 47	17 28	23 50	23 50	7 43		n.a.
M 9	14 2	15 3	4 32	15 39	0 33	9 50	0 50	14 11	1 48	2 30	1 9	16 56	2 20	10 16	0 24	23 37	0 13	24 47	17 28	23 50	23 50	7 40		n.a.
T 10	14 22	10 52	4 55	14 57	0 54	10 20	0 48	14 0	1 49	2 35	1 10	16 56	2 20	10 18	0 24	23 37	0 13	24 47	17 27	23 50	23 50	7 37		n.a.
W11	14 42	6 16	5 6	14 13	1 14	10 49	0 46	13 49	1 50	2 40	1 10	16 56	2 20	10 19	0 24	23 37	0 13	24 47	17 27	23 50	23 50	7 35		n.a.
T 12	15 2	1 26	5 3	13 29	1 33	11 17	0 44	13 37	1 50	2 45	1 10	16 55	2 19	10 20	0 24	23 37	0 13	24 47	17 27	23 50	23 50	7 32		n.a.
F 13	15 22	3s31	4 47	12 45	1 51	11 46	0 42	13 26	1 51	2 50	1 10	16 55	2 19	10 22	0 24	23 37	0 13	24 47	17 26	23 50	23 50	7 30		n.a.
S 14	15 41	8 23	4 17	12 4	2 7	12 14	0 40	13 14	1 51	2 54	1 10	16 54	2 19	10 23	0 24	23 37	0 13	24 47	17 26	23 50	23 50	7 27		n.a.
S 15	16 0	13 0	3 36	11 26	2 21	12 42	0 38	13 3	1 52	2 59	1 10	16 54	2 19	10 24	0 24	23 37	0 13	24 46	17 26	23 49	23 50	7 24		n.a.
M16	16 19	17 9	2 43	10 53	2 33	13 10	0 35	12 51	1 53	3 4	1 10	16 53	2 19	10 26	0 24	23 37	0 13	24 46	17 25	23 49	23 50	7 22		n.a.
T 17	16 37	20 35	1 41	10 24	2 43	13 37	0 33	12 40	1 53	3 9	1 10	16 52	2 18	10 27	0 24	23 37	0 13	24 46	17 25	23 49	23 50	7 19		n.a.
W18	16 55	23 3	0 34	10 1	2 50	14 4	0 31	12 28	1 54	3 14	1 10	16 52	2 18	10 28	0 24	23 37	0 12	24 46	17 25	23 49	23 50	7 17		n.a.
T 19	17 13	24 20	0s37	9 43	2 55	14 31	0 29	12 17	1 54	3 18	1 10	16 51	2 18	10 30	0 24	23 37	0 12	24 46	17 24	23 49	23 50	7 14		n.a.
F 20	17 30	24 15	1 47	9 31	2 59	14 57	0 26	12 5	1 55	3 23	1 10	16 50	2 18	10 31	0 24	23 37	0 12	24 45	17 24	23 49	23 50	7 11		n.a.
S 21	17 48	22 46	2 52	9 24	3 0	15 23	0 24	11 54	1 56	3 28	1 10	16 49	2 18	10 32	0 24	23 37	0 12	24 45	17 24	23 49	23 50	7 9		n.a.
S 22	18 4	19 56	3 49	9 22	3 0	15 48	0 22	11 42	1 56	3 32	1 10	16 48	2 17	10 33	0 24	23 37	0 12	24 45	17 23	23 49	23 50	7 6		n.a.
M23	18 21	15 54	4 33	9 24	2 58	16 13	0 19	11 30	1 57	3 37	1 10	16 48	2 17	10 35	0 24	23 37	0 12	24 45	17 23	23 49	23 50	7 3		n.a.
T 24	18 37	10 55	5 1	9 31	2 56	16 38	0 17	11 19	1 58	3 42	1 10	16 47	2 17	10 36	0 24	23 37	0 12	24 44	17 23	23 49	23 50	7 1		n.a.
W25	18 53	5 15	5 11	9 41	2 52	17 2	0 15	11 7	1 58	3 46	1 10	16 46	2 17	10 37	0 24	23 37	0 12	24 44	17 22	23 49	23 50	6 58		n.a.
T 26	19 9	0n45	5 1	9 55	2 47	17 26	0 12	10 56	1 59	3 51	1 10	16 45	2 17	10 38	0 24	23 37	0 12	24 44	17 22	23 49	23 50	6 56		n.a.
F 27	19 24	6 44	4 31	10 12	2 42	17 49	0 10	10 44	1 59	3 55	1 11	16 44	2 16	10 40	0 24	23 37	0 12	24 44	17 21	23 49	23 50	6 53		n.a.
S 28	19 38	12 21	3 43	10 31	2 36	18 12	0 7	10 32	2 0	4 0	1 11	16 43	2 16	10 41	0 24	23 37	0 12	24 43	17 21	23 49	23 50	6 50		n.a.
S 29	19 53	17 12	2 42	10 53	2 29	18 34	0 5	10 21	2 1	4 4	1 11	16 42	2 16	10 42	0 24	23 37	0 12	24 43	17 21	23 49	23 50	6 48		n.a.
M30	20s 7	20n58	1s32	11s16	2n22	18s56	0n 3	10n 9	2n 1	4s 8	1n11	16s41	2s16	10s43	0n24	23s37	0n12	24s43	17s20	23n49	23n50	6n45		n.a.

Julian Day Number = 1310090.5, Delta T = 07h42m23s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'15, Lahiri = -19°30'14 Julian Calendar 1 Nov. 1127 BCE == Greg. Calendar 21 Oct. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1127 BCE
geocentric

DECEMBER 1127 BCE (-1126) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 4	29♏21'42	25♊ 0	6♏11	24♏50	9♍38	13♎12	21♒38	28♎29	0♑45	7°R50	28°D16	29♊42	25♍ 1	n.a.	T 1
W 2	4 0 1	0♐22'57	8♋22	7° 8	26° 5	10° 9	13°24	21°41	28°32	0°47	7♓50	28♊17	29°38	25° 7	n.a.	W 2
T 3	4 3 57	1°24'11	21°22	8° 9	27°21	10°41	13°35	21°44	28°36	0°49	7°D50	28°18	29°35	25°14	n.a.	T 3
F 4	4 7 54	2°25'26	3♌59	9°13	28°36	11°12	13°46	21°47	28°39	0°51	7°50	28°20	29°32	25°21	n.a.	F 4
S 5	4 11 50	3°26'40	16°19	10°19	29°52	11°44	13°56	21°50	28°42	0°53	7°50	28°21	29°29	25°27	n.a.	S 5
S 6	4 15 47	4°27'54	28°24	11°28	1♐ 7	12°15	14° 7	21°54	28°45	0°55	7°50	28°22	29°26	25°34	n.a.	S 6
M 7	4 19 44	5°29'07	10♍21	12°39	2°22	12°46	14°18	21°57	28°48	0°58	7°51	28°R22	29°22	25°41	n.a.	M 7
T 8	4 23 40	6°30'20	22°13	13°51	3°38	13°17	14°28	22° 1	28°51	1° 0	7°51	28°21	29°19	25°48	n.a.	T 8
W 9	4 27 37	7°31'33	4♎ 5	15° 6	4°53	13°47	14°39	22° 5	28°55	1° 2	7°51	28°19	29°16	25°54	n.a.	W 9
T 10	4 31 33	8°32'45	16° 2	16°22	6° 9	14°18	14°49	22° 8	28°58	1° 4	7°51	28°17	29°13	26° 1	n.a.	T 10
F 11	4 35 30	9°33'56	28° 8	17°40	7°24	14°48	15° 0	22°12	29° 1	1° 6	7°51	28°13	29°10	26° 8	n.a.	F 11
S 12	4 39 26	10°35'07	10♏25	18°59	8°39	15°19	15°10	22°16	29° 4	1° 8	7°51	28°10	29° 7	26°15	n.a.	S 12
S 13	4 43 23	11°36'18	22°56	20°19	9°55	15°49	15°20	22°20	29° 7	1°10	7°52	28° 8	29° 3	26°21	n.a.	S 13
M14	4 47 19	12°37'27	5♐41	21°40	11°10	16°19	15°30	22°24	29°10	1°13	7°52	28° 6	29° 0	26°28	n.a.	M14
T 15	4 51 16	13°38'36	18°41	23° 3	12°25	16°49	15°40	22°29	29°13	1°15	7°52	28° 5	28°57	26°35	n.a.	T 15
W16	4 55 13	14°39'44	1♑55	24°26	13°41	17°19	15°50	22°33	29°15	1°17	7°52	28°D 5	28°54	26°41	n.a.	W16
T 17	4 59 9	15°40'51	15°22	25°50	14°56	17°48	15°59	22°37	29°18	1°19	7°53	28° 5	28°51	26°48	n.a.	T 17
F 18	5 3 6	16°41'56	29° 2	27°15	16°11	18°17	16° 9	22°42	29°21	1°21	7°53	28° 6	28°48	26°55	n.a.	F 18
S 19	5 7 2	17°43'01	12♒51	28°41	17°27	18°47	16°18	22°46	29°24	1°24	7°53	28° 7	28°44	27° 2	n.a.	S 19
S 20	5 10 59	18°44'04	26°49	0♐ 8	18°42	19°16	16°28	22°51	29°27	1°26	7°54	28° 8	28°41	27° 8	n.a.	S 20
M21	5 14 55	19°45'05	10♓55	1°36	19°57	19°44	16°37	22°56	29°29	1°28	7°54	28° 9	28°38	27°15	n.a.	M21
T 22	5 18 52	20°46'05	25° 5	3° 4	21°12	20°13	16°46	23° 1	29°32	1°30	7°55	28°R 9	28°35	27°22	n.a.	T 22
W23	5 22 49	21°47'04	9♈18	4°34	22°28	20°42	16°55	23° 6	29°35	1°33	7°55	28° 8	28°32	27°29	n.a.	W23
T 24	5 26 45	22°48'01	23°32	6° 4	23°43	21°10	17° 4	23°11	29°37	1°35	7°56	28° 8	28°28	27°35	n.a.	T 24
F 25	5 30 42	23°48'56	7♉44	7°34	24°58	21°38	17°12	23°16	29°40	1°37	7°56	28° 7	28°25	27°42	n.a.	F 25
S 26	5 34 38	24°49'50	21°50	9° 6	26°13	22° 6	17°21	23°21	29°42	1°39	7°57	28° 7	28°22	27°49	n.a.	S 26
S 27	5 38 35	25°50'43	5♊47	10°38	27°28	22°34	17°30	23°26	29°45	1°42	7°57	28° 7	28°19	27°55	n.a.	S 27
M28	5 42 31	26°51'34	19°31	12°11	28°44	23° 1	17°38	23°31	29°47	1°44	7°58	28° 6	28°16	28° 2	n.a.	M28
T 29	5 46 28	27°52'24	2♋59	13°44	29°59	23°29	17°46	23°37	29°50	1°46	7°58	28° 6	28°13	28° 9	n.a.	T 29
W30	5 50 24	28°53'12	16°11	15°19	1♑14	23°56	17°54	23°42	29°52	1°48	7°59	28° 6	28° 9	28°16	n.a.	W30
T 31	5 54 21	29♐53'59	29♋ 4	16♐54	2♑29	24♍23	18♎ 2	23♒48	29♎54	1♑51	7♓59	28♊ 6	28♊ 6	28♍22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s20	23n26	0s18	11s41	2n15	19s17	0n 0	9n58	2n 2	4s13	1n11	16s39	2s16	10s45	0n24	23s37	0n12	24s42	17s20	23n49	23n50	6n42		n.a.
W 2	20 34	24 29	0n55	12 7	2 7	19 37	0s 2	9 46	2 3	4 17	1 11	16 38	2 15	10 46	0 24	23 37	0 12	24 42	17 20	23 49	23 50	6 40		n.a.
T 3	20 47	24 8	2 3	12 34	2 0	19 57	0 4	9 35	2 3	4 21	1 11	16 37	2 15	10 47	0 24	23 37	0 12	24 42	17 19	23 49	23 50	6 37		n.a.
F 4	20 59	22 32	3 4	13 2	1 52	20 17	0 7	9 23	2 4	4 25	1 11	16 36	2 15	10 48	0 24	23 37	0 12	24 41	17 19	23 49	23 50	6 34		n.a.
S 5	21 11	19 55	3 54	13 31	1 43	20 36	0 9	9 11	2 5	4 30	1 11	16 34	2 15	10 49	0 24	23 37	0 12	24 41	17 18	23 49	23 50	6 32		n.a.
S 6	21 23	16 28	4 33	14 0	1 35	20 54	0 12	9 0	2 5	4 34	1 11	16 33	2 15	10 50	0 24	23 37	0 12	24 41	17 18	23 49	23 50	6 29		n.a.
M 7	21 34	12 25	4 59	14 30	1 27	21 12	0 14	8 48	2 6	4 38	1 11	16 32	2 14	10 52	0 24	23 37	0 12	24 40	17 18	23 49	23 50	6 26		n.a.
T 8	21 45	7 55	5 13	15 0	1 19	21 29	0 16	8 37	2 6	4 42	1 12	16 30	2 14	10 53	0 24	23 37	0 12	24 40	17 17	23 49	23 50	6 24		n.a.
W 9	21 55	3 7	5 13	15 31	1 10	21 46	0 19	8 26	2 7	4 46	1 12	16 29	2 14	10 54	0 24	23 37	0 12	24 40	17 17	23 49	23 50	6 21		n.a.
T 10	22 5	1s49	5 0	16 1	1 2	22 2	0 21	8 14	2 8	4 50	1 12	16 28	2 14	10 55	0 24	23 37	0 12	24 39	17 17	23 49	23 50	6 18		n.a.
F 11	22 15	6 44	4 33	16 31	0 54	22 17	0 23	8 3	2 8	4 54	1 12	16 26	2 14	10 56	0 24	23 37	0 12	24 39	17 16	23 49	23 50	6 16		n.a.
S 12	22 24	11 30	3 53	17 1	0 46	22 31	0 25	7 51	2 9	4 58	1 12	16 25	2 13	10 57	0 24	23 37	0 12	24 38	17 16	23 49	23 50	6 13		n.a.
S 13	22 33	15 52	3 2	17 31	0 38	22 45	0 28	7 40	2 10	5 2	1 12	16 23	2 13	10 58	0 24	23 37	0 12	24 38	17 15	23 49	23 50	6 10		n.a.
M14	22 41	19 37	2 1	18 0	0 29	22 58	0 30	7 29	2 10	5 5	1 12	16 22	2 13	10 59	0 24	23 37	0 12	24 38	17 15	23 49	23 50	6 8		n.a.
T 15	22 48	22 29	0 52	18 29	0 22	23 11	0 32	7 18	2 11	5 9	1 12	16 20	2 13	11 0	0 24	23 37	0 12	24 37	17 15	23 49	23 49	6 5		n.a.
W16	22 56	24 10	0s21	18 58	0 14	23 23	0 34	7 6	2 12	5 13	1 12	16 18	2 13	11 1	0 24	23 37	0 12	24 37	17 14	23 49	23 49	6 2		n.a.
T 17	23 3	24 29	1 34	19 26	0 6	23 34	0 36	6 55	2 12	5 16	1 13	16 17	2 13	11 2	0 24	23 37	0 12	24 36	17 14	23 49	23 49	6 0		n.a.
F 18	23 9	23 21	2 43	19 53	0s 2	23 44	0 38	6 44	2 13	5 20	1 13	16 15	2 12	11 3	0 24	23 37	0 12	24 36	17 14	23 49	23 49	5 57		n.a.
S 19	23 15	20 47	3 43	20 20	0 9	23 54	0 41	6 33	2 14	5 24	1 13	16 13	2 12	11 4	0 24	23 37	0 12	24 35	17 13	23 49	23 49	5 54		n.a.
S 20	23 21	17 0	4 31	20 47	0 16	24 3	0 43	6 22	2 14	5 27	1 13	16 12	2 12	11 5	0 24	23 37	0 12	24 35	17 13	23 49	23 49	5 52		n.a.
M21	23 26	12 15	5 3	21 12	0 23	24 11	0 45	6 11	2 15	5 31	1 13	16 10	2 12	11 6	0 24	23 37	0 12	24 34	17 13	23 49	23 49	5 49		n.a.
T 22	23 30	6 49	5 16	21 37	0 30	24 18	0 47	6 1	2 16	5 34	1 13	16 8	2 12	11 7	0 24	23 37	0 12	24 34	17 12	23 49	23 49	5 46		n.a.
W23	23 34	1 0	5 11	22 0	0 37	24 25	0 49	5 50	2 16	5 37	1 13	16 6	2 12	11 8	0 24	23 37	0 12	24 33	17 12	23 49	23 49	5 43		n.a.
T 24	23 38	4n51	4 46	22 23	0 44	24 31	0 51	5 39	2 17	5 41	1 13	16 5	2 11	11 9	0 24	23 37	0 12	24 33	17 11	23 49	23 49	5 41		n.a.
F 25	23 41	10 28	4 4	22 45	0 50	24 36	0 52	5 28	2 18	5 44	1 14	16 3	2 11	11 10	0 24	23 37	0 12	24 32	17 11	23 49	23 49	5 38		n.a.
S 26	23 44	15 30	3 8	23 6	0 56	24 41	0 54	5 18	2 18	5 47	1 14	16 1	2 11	11 11	0 24	23 37	0 12	24 32	17 11	23 49	23 49	5 35		n.a.
S 27	23 46	19 38	2 1	23 26	1 2	24 44	0 56	5 7	2 19	5 50	1 14	15 59	2 11	11 12	0 24	23 37	0 12	24 31	17 10	23 49	23 49	5 33		n.a.
M28	23 47	22 37	0 48	23 45	1 8	24 47	0 58	4 57	2 20	5 54	1 14	15 57	2 11	11 12	0 24	23 37	0 12	24 31	17 10	23 49	23 49	5 30		n.a.
T 29	23 49	24 15	0n27	24 2	1 13	24 49	1 0	4 46	2 20	5 57	1 14	15 55	2 11	11 13	0 24	23 37	0 12	24 30	17 10	23 49	23 49	5 27		n.a.
W30	23 49	24 28	1 39	24 19	1 19	24 51	1 1	4 36	2 21	6 0	1 14	15 53	2 10	11 14	0 24	23 37	0 12	24 30	17 9	23 49	23 49	5 25		n.a.
T 31	23s50	23n20	2n43	24s34	1s24	24s51	1s 3	4n26	2n22	6s 3	1n14	15s51	2s10	11s15	0n24	23s37	0n12	24s29	17s 9	23n49	23n49	5n22		n.a.

Julian Day Number = 1310120.5, Delta T = 07h42m22s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'11, Lahiri = -19°30'10 Julian Calendar 1 Dec. 1127 BCE == Greg. Calendar 20 Nov. 1127 BCE

The year -1126 astronomical counting style corresponds to year 1127 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

JANUARY 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 58 18	0♉54'45	11♌41	18♐30	3♉44	24♍49	18♎10	23♒53	29♎56	1♉53	8♓ 0	28°R 6	28♊ 3	28♍29	n.a.	F 1
S 2	6 2 14	1°55'29	24° 1	20° 7	4°59	25°16	18°18	23°59	29°59	1°55	8° 1	28♊ 6	28° 0	28°36	n.a.	S 2
S 3	6 6 11	2°56'12	6♍ 9	21°44	6°14	25°42	18°26	24° 5	0♏ 1	1°57	8° 1	28° 5	27°57	28°43	n.a.	S 3
M 4	6 10 7	3°56'53	18° 8	23°22	7°29	26° 8	18°33	24°10	0° 3	2° 0	8° 2	28° 5	27°54	28°49	n.a.	M 4
T 5	6 14 4	4°57'33	0♎ 1	25° 2	8°44	26°34	18°40	24°16	0° 5	2° 2	8° 3	28°D 4	27°50	28°56	n.a.	T 5
W 6	6 18 0	5°58'12	11°54	26°41	9°59	26°59	18°47	24°22	0° 7	2° 4	8° 4	28° 4	27°47	29° 3	n.a.	W 6
T 7	6 21 57	6°58'50	23°51	28°22	11°14	27°25	18°55	24°28	0° 9	2° 7	8° 4	28° 5	27°44	29° 9	n.a.	T 7
F 8	6 25 53	7°59'26	5♏57	0♉ 4	12°29	27°50	19° 1	24°34	0°11	2° 9	8° 5	28° 5	27°41	29°16	n.a.	F 8
S 9	6 29 50	9° 0'00	18°17	1°47	13°44	28°14	19° 8	24°40	0°13	2°11	8° 6	28° 7	27°38	29°23	n.a.	S 9
S 10	6 33 47	10° 0'34	0♐53	3°30	14°59	28°39	19°15	24°47	0°15	2°13	8° 7	28° 8	27°34	29°30	n.a.	S 10
M11	6 37 43	11° 1'05	13°48	5°14	16°14	29° 3	19°21	24°53	0°17	2°16	8° 8	28° 9	27°31	29°36	n.a.	M11
T 12	6 41 40	12° 1'35	27° 4	7° 0	17°29	29°27	19°27	24°59	0°18	2°18	8° 8	28°R 9	27°28	29°43	n.a.	T 12
W13	6 45 36	13° 2'04	10♉39	8°46	18°44	29°51	19°34	25° 5	0°20	2°20	8° 9	28° 9	27°25	29°50	n.a.	W13
T 14	6 49 33	14° 2'30	24°33	10°33	19°59	0♎14	19°40	25°12	0°22	2°22	8°10	28° 7	27°22	29°57	n.a.	T 14
F 15	6 53 29	15° 2'55	8♒42	12°21	21°14	0°37	19°45	25°18	0°23	2°25	8°11	28° 6	27°19	0♎ 3	n.a.	F 15
S 16	6 57 26	16° 3'18	23° 1	14°10	22°29	1° 0	19°51	25°25	0°25	2°27	8°12	28° 3	27°15	0°10	n.a.	S 16
S 17	7 1 22	17° 3'38	7♓24	16° 0	23°44	1°22	19°57	25°31	0°26	2°29	8°13	28° 1	27°12	0°17	n.a.	S 17
M18	7 5 19	18° 3'56	21°48	17°51	24°58	1°44	20° 2	25°38	0°28	2°31	8°14	27°58	27° 9	0°23	n.a.	M18
T 19	7 9 16	19° 4'12	6♈ 8	19°42	26°13	2° 6	20° 7	25°45	0°29	2°34	8°15	27°57	27° 6	0°30	n.a.	T 19
W20	7 13 12	20° 4'26	20°19	21°35	27°28	2°27	20°12	25°51	0°31	2°36	8°16	27°D56	27° 3	0°37	n.a.	W20
T 21	7 17 9	21° 4'38	4♉22	23°28	28°43	2°48	20°17	25°58	0°32	2°38	8°17	27°57	27° 0	0°44	n.a.	T 21
F 22	7 21 5	22° 4'47	18°14	25°22	29°58	3° 9	20°22	26° 5	0°33	2°40	8°18	27°58	26°56	0°50	n.a.	F 22
S 23	7 25 2	23° 4'54	1♊54	27°17	1♒12	3°29	20°26	26°12	0°34	2°42	8°19	28° 0	26°53	0°57	n.a.	S 23
S 24	7 28 58	24° 4'59	15°22	29°12	2°27	3°49	20°30	26°19	0°36	2°44	8°20	28° 1	26°50	1° 4	n.a.	S 24
M25	7 32 55	25° 5'02	28°39	1♒ 7	3°42	4° 9	20°35	26°26	0°37	2°47	8°21	28°R 2	26°47	1°10	n.a.	M25
T 26	7 36 51	26° 5'03	11♋44	3° 3	4°56	4°28	20°39	26°33	0°38	2°49	8°22	28° 1	26°44	1°17	n.a.	T 26
W27	7 40 48	27° 5'01	24°36	4°59	6°11	4°47	20°42	26°40	0°39	2°51	8°23	27°59	26°40	1°24	n.a.	W27
T 28	7 44 45	28° 4'58	7♌16	6°55	7°26	5° 5	20°46	26°47	0°40	2°53	8°24	27°55	26°37	1°31	n.a.	T 28
F 29	7 48 41	29° 4'52	19°43	8°50	8°40	5°23	20°50	26°54	0°40	2°55	8°26	27°50	26°34	1°37	n.a.	F 29
S 30	7 52 38	0♒ 4'44	1♍59	10°45	9°55	5°41	20°53	27° 1	0°41	2°57	8°27	27°44	26°31	1°44	n.a.	S 30
S 31	7 56 34	1♒ 4'34	14♍ 4	12♒39	11♒10	5♎58	20♎56	27♒ 8	0♏42	2♉59	8♓28	27♊38	26♊28	1♎51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	21n 4	3n39	24s47	1s28	24s51	1s 4	4n16	2n22	6s 5	1n15	15s49	2s10	11s16	0n24	23s37	0n12	24s28	17s 9	23n49	23n49	5n19		n.a.
S 2	23 49	17 51	4 23	25 0	1 33	24 50	1 6	4 6	2 23	6 8	1 15	15 47	2 10	11 17	0 24	23 37	0 12	24 28	17 8	23 49	23 49	5 16		n.a.
S 3	23 48	13 56	4 54	25 11	1 37	24 48	1 8	3 56	2 24	6 11	1 15	15 45	2 10	11 17	0 24	23 37	0 12	24 27	17 8	23 49	23 49	5 14		n.a.
M 4	23 46	9 32	5 12	25 20	1 41	24 46	1 9	3 46	2 24	6 14	1 15	15 43	2 10	11 18	0 24	23 37	0 12	24 27	17 8	23 49	23 49	5 11		n.a.
T 5	23 44	4 49	5 17	25 28	1 45	24 42	1 10	3 36	2 25	6 17	1 15	15 41	2 10	11 19	0 24	23 37	0 12	24 26	17 7	23 49	23 49	5 8		n.a.
W 6	23 41	0s 4	5 8	25 35	1 48	24 38	1 12	3 26	2 26	6 19	1 15	15 39	2 10	11 20	0 24	23 37	0 12	24 25	17 7	23 49	23 49	5 5		n.a.
T 7	23 38	4 59	4 45	25 40	1 51	24 33	1 13	3 17	2 26	6 22	1 16	15 36	2 9	11 20	0 24	23 37	0 12	24 25	17 7	23 49	23 49	5 3		n.a.
F 8	23 35	9 47	4 10	25 43	1 53	24 28	1 14	3 7	2 27	6 24	1 16	15 34	2 9	11 21	0 24	23 37	0 12	24 24	17 6	23 49	23 48	5 0		n.a.
S 9	23 31	14 18	3 23	25 44	1 55	24 21	1 15	2 58	2 28	6 27	1 16	15 32	2 9	11 22	0 24	23 37	0 12	24 24	17 6	23 49	23 48	4 57		n.a.
S 10	23 27	18 18	2 25	25 44	1 57	24 14	1 17	2 49	2 28	6 29	1 16	15 30	2 9	11 22	0 24	23 37	0 12	24 23	17 6	23 49	23 48	4 54		n.a.
M11	23 22	21 32	1 19	25 42	1 59	24 6	1 18	2 39	2 29	6 31	1 16	15 28	2 9	11 23	0 24	23 37	0 12	24 22	17 5	23 49	23 48	4 52		n.a.
T 12	23 16	23 42	0 6	25 38	2 0	23 58	1 19	2 30	2 30	6 34	1 16	15 25	2 9	11 23	0 24	23 37	0 12	24 22	17 5	23 49	23 48	4 49		n.a.
W13	23 11	24 32	1s 9	25 32	2 0	23 49	1 20	2 21	2 30	6 36	1 16	15 23	2 9	11 24	0 24	23 37	0 12	24 21	17 5	23 49	23 48	4 46		n.a.
T 14	23 4	23 52	2 21	25 24	2 0	23 38	1 21	2 13	2 31	6 38	1 17	15 21	2 9	11 25	0 24	23 37	0 12	24 21	17 5	23 49	23 48	4 43		n.a.
F 15	22 58	21 41	3 25	25 14	2 0	23 28	1 21	2 4	2 32	6 40	1 17	15 18	2 9	11 25	0 24	23 37	0 12	24 20	17 4	23 49	23 48	4 41		n.a.
S 16	22 51	18 7	4 18	25 2	1 59	23 16	1 22	1 55	2 32	6 42	1 17	15 16	2 8	11 26	0 24	23 37	0 12	24 19	17 4	23 49	23 48	4 38		n.a.
S 17	22 43	13 28	4 55	24 48	1 58	23 4	1 23	1 47	2 33	6 44	1 17	15 14	2 8	11 26	0 24	23 37	0 12	24 19	17 4	23 49	23 48	4 35		n.a.
M18	22 35	8 5	5 13	24 32	1 56	22 51	1 24	1 39	2 34	6 46	1 17	15 11	2 8	11 27	0 24	23 37	0 12	24 18	17 3	23 49	23 48	4 32		n.a.
T 19	22 27	2 17	5 12	24 14	1 54	22 38	1 24	1 30	2 34	6 48	1 17	15 9	2 8	11 27	0 24	23 37	0 12	24 17	17 3	23 49	23 48	4 30		n.a.
W20	22 18	3n35	4 51	23 53	1 51	22 23	1 25	1 22	2 35	6 49	1 18	15 7	2 8	11 28	0 24	23 37	0 12	24 17	17 3	23 49	23 48	4 27		n.a.
T 21	22 9	9 12	4 14	23 31	1 47	22 8	1 25	1 15	2 36	6 51	1 18	15 4	2 8	11 28	0 24	23 37	0 12	24 16	17 3	23 49	23 48	4 24		n.a.
F 22	21 59	14 19	3 22	23 6	1 43	21 53	1 26	1 7	2 36	6 53	1 18	15 2	2 8	11 29	0 24	23 37	0 12	24 16	17 2	23 49	23 48	4 21		n.a.
S 23	21 49	18 37	2 19	22 39	1 39	21 37	1 26	0 59	2 37	6 54	1 18	14 59	2 8	11 29	0 24	23 36	0 12	24 15	17 2	23 49	23 47	4 19		n.a.
S 24	21 39	21 52	1 9	22 10	1 33	21 20	1 26	0 52	2 38	6 56	1 18	14 57	2 8	11 29	0 24	23 36	0 12	24 14	17 2	23 49	23 47	4 16		n.a.
M25	21 28	23 53	0n 3	21 39	1 27	21 2	1 27	0 44	2 38	6 57	1 19	14 54	2 8	11 30	0 24	23 36	0 12	24 14	17 1	23 49	23 47	4 13		n.a.
T 26	21 17	24 32	1 14	21 6	1 21	20 44	1 27	0 37	2 39	6 59	1 19	14 52	2 8	11 30	0 24	23 36	0 12	24 13	17 1	23 49	23 47	4 10		n.a.
W27	21 5	23 51	2 20	20 31	1 13	20 26	1 27	0 30	2 39	7 0	1 19	14 49	2 7	11 31	0 24	23 36	0 12	24 12	17 1	23 49	23 47	4 8		n.a.
T 28	20 53	21 57	3 18	19 54	1 5	20 7	1 27	0 23	2 40	7 1	1 19	14 47	2 7	11 31	0 24	23 36	0 12	24 12	17 1	23 49	23 47	4 5		n.a.
F 29	20 41	19 1	4 5	19 15	0 57	19 47	1 27	0 17	2 41	7 2	1 19	14 44	2 7	11 31	0 24	23 36	0 12	24 11	17 1	23 49	23 47	4 2		n.a.
S 30	20 28	15 17	4 41	18 35	0 47	19 26	1 27	0 10	2 41	7 3	1 19	14 42	2 7	11 31	0 24	23 36	0 12	24 10	17 0	23 49	23 47	3 59		n.a.
S 31	20s15	11n 0	5n 2	17s53	0s37	19s 6	1s27	0n 4	2n42	7s 4	1n20	14s39	2s 7	11s32	0n24	23s36	0n12	24s10	17s 0	23n48	23n47	3n56		n.a.

Julian Day Number = 1310151.5, Delta T = 07h42m20s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'06, Lahiri = -19°30'06 Julian Calendar 1 Jan. 1126 BCE == Greg. Calendar 21 Dec. 1127 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

FEBRUARY 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 0 31	2♒ 4'23	26♍ 2	14♒31	12♒24	6♎15	20♎59	27♒15	0♏43	3♑ 1	8♓29	27°R33	26♊25	1♎58	n.a.	M 1
T 2	8 4 27	3° 4'09	7♎56	16°22	13°39	6°31	21° 2	27°23	0°44	3° 3	8°30	27♊28	26°21	2° 4	n.a.	T 2
W 3	8 8 24	4° 3'54	19°48	18°10	14°53	6°47	21° 4	27°30	0°44	3° 5	8°31	27°25	26°18	2°11	n.a.	W 3
T 4	8 12 20	5° 3'36	1♏43	19°56	16° 8	7° 2	21° 7	27°37	0°45	3° 7	8°33	27°D24	26°15	2°18	n.a.	T 4
F 5	8 16 17	6° 3'17	13°47	21°38	17°22	7°17	21° 9	27°45	0°45	3° 9	8°34	27°25	26°12	2°24	n.a.	F 5
S 6	8 20 14	7° 2'56	26° 5	23°17	18°37	7°31	21°11	27°52	0°46	3°11	8°35	27°26	26° 9	2°31	n.a.	S 6
S 7	8 24 10	8° 2'33	8♐40	24°52	19°51	7°45	21°13	27°59	0°46	3°13	8°36	27°27	26° 6	2°38	n.a.	S 7
M 8	8 28 7	9° 2'09	21°37	26°22	21° 5	7°58	21°15	28° 7	0°46	3°15	8°38	27°R28	26° 2	2°45	n.a.	M 8
T 9	8 32 3	10° 1'42	4♑59	27°48	22°20	8°11	21°16	28°14	0°47	3°17	8°39	27°28	25°59	2°51	n.a.	T 9
W10	8 36 0	11° 1'13	18°46	29° 7	23°34	8°23	21°17	28°22	0°47	3°19	8°40	27°26	25°56	2°58	n.a.	W10
T 11	8 39 56	12° 0'43	2♒59	0♓21	24°48	8°35	21°19	28°29	0°47	3°21	8°41	27°22	25°53	3° 5	n.a.	T 11
F 12	8 43 53	13° 0'10	17°31	1°28	26° 3	8°46	21°19	28°37	0°47	3°23	8°43	27°17	25°50	3°12	n.a.	F 12
S 13	8 47 49	13°59'34	2♓18	2°29	27°17	8°57	21°20	28°44	0°47	3°25	8°44	27° 9	25°46	3°18	n.a.	S 13
S 14	8 51 46	14°58'57	17°10	3°23	28°31	9° 7	21°21	28°52	0°R48	3°27	8°45	27° 2	25°43	3°25	n.a.	S 14
M15	8 55 42	15°58'17	1♈59	4°10	29°46	9°16	21°21	28°59	0°48	3°28	8°47	26°55	25°40	3°32	n.a.	M15
T 16	8 59 39	16°57'35	16°38	4°49	1♓ 0	9°25	21°R21	29° 7	0°47	3°30	8°48	26°50	25°37	3°38	n.a.	T 16
W17	9 3 36	17°56'50	1♉ 1	5°21	2°14	9°33	21°21	29°15	0°47	3°32	8°49	26°46	25°34	3°45	n.a.	W17
T 18	9 7 32	18°56'03	15° 6	5°45	3°28	9°40	21°21	29°22	0°47	3°34	8°51	26°D45	25°31	3°52	n.a.	T 18
F 19	9 11 29	19°55'13	28°51	6° 1	4°42	9°47	21°21	29°30	0°47	3°35	8°52	26°45	25°27	3°59	n.a.	F 19
S 20	9 15 25	20°54'21	12♊18	6°10	5°56	9°53	21°20	29°38	0°47	3°37	8°53	26°46	25°24	4° 5	n.a.	S 20
S 21	9 19 22	21°53'26	25°28	6°R12	7°10	9°59	21°19	29°45	0°46	3°39	8°55	26°R47	25°21	4°12	n.a.	S 21
M22	9 23 18	22°52'29	8♋24	6° 6	8°25	10° 4	21°18	29°53	0°46	3°40	8°56	26°46	25°18	4°19	n.a.	M22
T 23	9 27 15	23°51'30	21° 8	5°54	9°39	10° 8	21°17	0♓ 1	0°46	3°42	8°57	26°43	25°15	4°25	n.a.	T 23
W24	9 31 11	24°50'28	3♌40	5°35	10°53	10°12	21°16	0° 8	0°45	3°44	8°59	26°38	25°12	4°32	n.a.	W24
T 25	9 35 8	25°49'24	16° 4	5° 9	12° 6	10°15	21°14	0°16	0°45	3°45	9° 0	26°30	25° 8	4°39	n.a.	T 25
F 26	9 39 5	26°48'18	28°19	4°39	13°20	10°17	21°13	0°24	0°44	3°47	9° 2	26°20	25° 5	4°46	n.a.	F 26
S 27	9 43 1	27°47'10	10♍26	4° 4	14°34	10°18	21°11	0°31	0°43	3°48	9° 3	26° 9	25° 2	4°52	n.a.	S 27
S 28	9 46 58	28♒45'59	22♍26	3♓24	15♓48	10°R19	21♎ 9	0♓39	0♏43	3♑50	9♓ 4	25♊57	24♊59	4♎59	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 1	6n20	5n11	17s10	0s27	18s44	1s26	0s 2	2n42	7s 5	1n20	14s36	2s 7	11s32	0n24	23s36	0n11	24s 9	17s 0	23n48	23n47	3n54		n.a.
T 2	19 47	1 29	5 6	16 26	0 16	18 22	1 26	0 9	2 43	7 6	1 20	14 34	2 7	11 32	0 24	23 36	0 11	24 8	17 0	23 48	23 47	3 51		n.a.
W 3	19 33	3s26	4 48	15 42	0 4	18 0	1 26	0 14	2 43	7 7	1 20	14 31	2 7	11 32	0 24	23 36	0 11	24 8	16 59	23 48	23 47	3 48		n.a.
T 4	19 19	8 15	4 17	14 57	0n 8	17 37	1 25	0 20	2 44	7 8	1 20	14 29	2 7	11 33	0 24	23 36	0 11	24 7	16 59	23 48	23 46	3 45		n.a.
F 5	19 4	12 49	3 35	14 11	0 21	17 13	1 25	0 25	2 44	7 8	1 21	14 26	2 7	11 33	0 24	23 36	0 11	24 6	16 59	23 48	23 46	3 42		n.a.
S 6	18 49	16 58	2 42	13 26	0 34	16 50	1 24	0 31	2 45	7 9	1 21	14 23	2 7	11 33	0 24	23 36	0 11	24 6	16 59	23 48	23 46	3 40		n.a.
S 7	18 33	20 27	1 40	12 42	0 47	16 25	1 24	0 36	2 45	7 10	1 21	14 21	2 7	11 33	0 24	23 36	0 11	24 5	16 59	23 48	23 46	3 37		n.a.
M 8	18 17	23 2	0 32	11 58	1 1	16 0	1 23	0 41	2 46	7 10	1 21	14 18	2 7	11 33	0 24	23 36	0 11	24 4	16 58	23 48	23 46	3 34		n.a.
T 9	18 1	24 25	0s41	11 16	1 15	15 35	1 22	0 45	2 46	7 10	1 21	14 15	2 7	11 33	0 24	23 36	0 11	24 4	16 58	23 48	23 46	3 31		n.a.
W10	17 45	24 21	1 53	10 35	1 28	15 10	1 21	0 50	2 47	7 11	1 21	14 13	2 7	11 33	0 24	23 36	0 11	24 3	16 58	23 48	23 46	3 28		n.a.
T 11	17 28	22 43	3 0	9 56	1 42	14 44	1 21	0 54	2 47	7 11	1 22	14 10	2 7	11 33	0 24	23 36	0 11	24 2	16 58	23 48	23 46	3 26		n.a.
F 12	17 11	19 35	3 57	9 20	1 55	14 17	1 20	0 58	2 48	7 11	1 22	14 7	2 7	11 33	0 24	23 36	0 11	24 2	16 58	23 48	23 46	3 23		n.a.
S 13	16 54	15 9	4 39	8 46	2 9	13 50	1 19	1 2	2 48	7 11	1 22	14 5	2 7	11 33	0 24	23 36	0 11	24 1	16 58	23 48	23 46	3 20		n.a.
S 14	16 36	9 47	5 3	8 14	2 21	13 23	1 18	1 6	2 48	7 11	1 22	14 2	2 7	11 33	0 24	23 36	0 11	24 0	16 57	23 48	23 46	3 17		n.a.
M15	16 18	3 52	5 6	7 46	2 33	12 56	1 16	1 9	2 49	7 11	1 22	13 59	2 7	11 33	0 24	23 36	0 11	24 0	16 57	23 48	23 45	3 14		n.a.
T 16	16 0	2n12	4 49	7 21	2 45	12 28	1 15	1 12	2 49	7 11	1 22	13 57	2 7	11 33	0 24	23 36	0 11	23 59	16 57	23 47	23 45	3 12		n.a.
W17	15 42	8 3	4 14	6 59	2 56	12 0	1 14	1 15	2 49	7 11	1 23	13 54	2 7	11 33	0 24	23 36	0 11	23 58	16 57	23 47	23 45	3 9		n.a.
T 18	15 23	13 22	3 25	6 41	3 5	11 31	1 13	1 18	2 50	7 11	1 23	13 51	2 7	11 33	0 24	23 35	0 11	23 58	16 57	23 47	23 45	3 6		n.a.
F 19	15 5	17 53	2 24	6 27	3 14	11 3	1 11	1 21	2 50	7 11	1 23	13 48	2 7	11 33	0 24	23 35	0 11	23 57	16 57	23 47	23 45	3 3		n.a.
S 20	14 46	21 22	1 17	6 16	3 22	10 34	1 10	1 23	2 50	7 10	1 23	13 46	2 7	11 33	0 24	23 35	0 11	23 56	16 57	23 47	23 45	3 0		n.a.
S 21	14 26	23 38	0 7	6 10	3 28	10 5	1 9	1 25	2 50	7 10	1 23	13 43	2 7	11 33	0 24	23 35	0 11	23 56	16 57	23 47	23 45	2 57		n.a.
M22	14 7	24 35	1n 2	6 7	3 33	9 35	1 7	1 27	2 50	7 9	1 23	13 40	2 7	11 33	0 24	23 35	0 11	23 55	16 56	23 47	23 45	2 55		n.a.
T 23	13 47	24 13	2 6	6 9	3 37	9 5	1 5	1 28	2 50	7 9	1 24	13 37	2 7	11 33	0 24	23 35	0 11	23 55	16 56	23 47	23 45	2 52		n.a.
W24	13 27	22 37	3 4	6 14	3 39	8 35	1 4	1 30	2 50	7 8	1 24	13 35	2 7	11 32	0 24	23 35	0 11	23 54	16 56	23 47	23 44	2 49		n.a.
T 25	13 7	19 57	3 52	6 23	3 39	8 5	1 2	1 31	2 51	7 7	1 24	13 32	2 7	11 32	0 24	23 35	0 11	23 53	16 56	23 47	23 44	2 46		n.a.
F 26	12 47	16 26	4 28	6 35	3 38	7 35	1 0	1 32	2 51	7 6	1 24	13 29	2 7	11 32	0 24	23 35	0 11	23 53	16 56	23 47	23 44	2 43		n.a.
S 27	12 26	12 16	4 52	6 51	3 35	7 4	0 59	1 32	2 51	7 6	1 24	13 26	2 7	11 32	0 24	23 35	0 11	23 52	16 56	23 46	23 44	2 40		n.a.
S 28	12s 6	7n39	5n 2	7s10	3n30	6s33	0s57	1s33	2n50	7s 5	1n24	13s24	2s 7	11s32	0n24	23s35	0n11	23s51	16s56	23n46	23n44	2n38		n.a.

Julian Day Number = 1310182.5, Delta T = 07h42m19s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°37'02, Lahiri = -19°30'02 Julian Calendar 1 Feb. 1126 BCE == Greg. Calendar 21 Jan. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

MARCH 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 50 54	29♒44'46	4♎21	2°R42	17♓ 2	10°R19	21°R 6	0♓47	0°R42	3♑51	9♓ 6	25°R46	24♊56	5♎ 6	n.a.	M 1
T 2	9 54 51	0♓43'32	16°13	1♓57	18°16	10♎18	21♎ 4	0°54	0♏41	3°53	9° 7	25♊36	24°52	5°13	n.a.	T 2
W 3	9 58 47	1°42'15	28° 5	1°11	19°30	10°17	21° 1	1° 2	0°40	3°54	9° 8	25°28	24°49	5°19	n.a.	W 3
T 4	10 2 44	2°40'57	9♏59	0°25	20°43	10°14	20°59	1°10	0°39	3°56	9°10	25°23	24°46	5°26	n.a.	T 4
F 5	10 6 40	3°39'37	22° 1	29♒38	21°57	10°11	20°56	1°18	0°38	3°57	9°11	25°21	24°43	5°33	n.a.	F 5
S 6	10 10 37	4°38'15	4♐15	28°53	23°11	10° 8	20°52	1°25	0°37	3°58	9°13	25°D20	24°40	5°39	n.a.	S 6
S 7	10 14 33	5°36'51	16°47	28°11	24°24	10° 3	20°49	1°33	0°36	4° 0	9°14	25°21	24°37	5°46	n.a.	S 7
M 8	10 18 30	6°35'26	29°40	27°30	25°38	9°58	20°46	1°41	0°35	4° 1	9°16	25°R21	24°33	5°53	n.a.	M 8
T 9	10 22 27	7°33'59	12♑59	26°54	26°52	9°52	20°42	1°48	0°34	4° 2	9°17	25°19	24°30	6° 0	n.a.	T 9
W10	10 26 23	8°32'30	26°48	26°21	28° 5	9°45	20°38	1°56	0°33	4° 3	9°18	25°16	24°27	6° 6	n.a.	W10
T 11	10 30 20	9°30'59	11♒ 5	25°52	29°19	9°37	20°34	2° 4	0°32	4° 5	9°20	25°10	24°24	6°13	n.a.	T 11
F 12	10 34 16	10°29'26	25°48	25°28	0♈32	9°29	20°30	2°11	0°31	4° 6	9°21	25° 2	24°21	6°20	n.a.	F 12
S 13	10 38 13	11°27'51	10♓51	25° 8	1°46	9°20	20°26	2°19	0°29	4° 7	9°23	24°52	24°17	6°26	n.a.	S 13
S 14	10 42 9	12°26'14	26° 2	24°54	2°59	9°10	20°21	2°27	0°28	4° 8	9°24	24°41	24°14	6°33	n.a.	S 14
M15	10 46 6	13°24'35	11♈13	24°45	4°13	8°59	20°17	2°34	0°27	4° 9	9°25	24°31	24°11	6°40	n.a.	M15
T 16	10 50 2	14°22'54	26°12	24°D40	5°26	8°48	20°12	2°42	0°25	4°10	9°27	24°22	24° 8	6°47	n.a.	T 16
W17	10 53 59	15°21'11	10♉52	24°41	6°39	8°35	20° 7	2°50	0°24	4°11	9°28	24°16	24° 5	6°53	n.a.	W17
T 18	10 57 55	16°19'26	25° 8	24°47	7°53	8°23	20° 2	2°57	0°22	4°12	9°30	24°13	24° 2	7° 0	n.a.	T 18
F 19	11 1 52	17°17'39	8♊58	24°58	9° 6	8° 9	19°57	3° 5	0°21	4°13	9°31	24°12	23°58	7° 7	n.a.	F 19
S 20	11 5 49	18°15'49	22°24	25°13	10°19	7°55	19°51	3°12	0°19	4°14	9°33	24°12	23°55	7°14	n.a.	S 20
S 21	11 9 45	19°13'58	5♋28	25°33	11°32	7°40	19°46	3°20	0°18	4°15	9°34	24°11	23°52	7°20	n.a.	S 21
M22	11 13 42	20°12'04	18°13	25°57	12°45	7°25	19°40	3°27	0°16	4°16	9°35	24°10	23°49	7°27	n.a.	M22
T 23	11 17 38	21°10'08	0♌44	26°26	13°59	7° 9	19°34	3°35	0°14	4°17	9°37	24° 6	23°46	7°34	n.a.	T 23
W24	11 21 35	22° 8'10	13° 4	26°59	15°12	6°52	19°28	3°42	0°12	4°18	9°38	23°59	23°43	7°40	n.a.	W24
T 25	11 25 31	23° 6'10	25°14	27°36	16°25	6°35	19°22	3°50	0°11	4°18	9°40	23°50	23°39	7°47	n.a.	T 25
F 26	11 29 28	24° 4'08	7♍18	28°17	17°38	6°17	19°16	3°57	0° 9	4°19	9°41	23°38	23°36	7°54	n.a.	F 26
S 27	11 33 24	25° 2'04	19°17	29° 1	18°51	5°59	19°10	4° 5	0° 7	4°20	9°42	23°24	23°33	8° 1	n.a.	S 27
S 28	11 37 21	25°59'59	1♎12	29°49	20° 4	5°40	19° 4	4°12	0° 5	4°20	9°44	23°10	23°30	8° 7	n.a.	S 28
M29	11 41 18	26°57'52	13° 5	0♓41	21°16	5°21	18°57	4°19	0° 3	4°21	9°45	22°57	23°27	8°14	n.a.	M29
T 30	11 45 14	27°55'43	24°57	1°35	22°29	5° 2	18°50	4°27	0° 1	4°22	9°46	22°45	23°23	8°21	n.a.	T 30
W31	11 49 11	28♓53'33	6♏49	2♓33	23♈42	4♎42	18♎44	4♓34	29♎59	4♑22	9♓48	22♊36	23♊20	8♎27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s45	2n48	4n59	7s31	3n24	6s 3	0s55	1s33	2n50	7s 4	1n25	13s21	2s 7	11s31	0n25	23s35	0n11	23s51	16s56	23n46	23n44	2n35			n.a.
T 2	11 24	2s 8	4 44	7 55	3 16	5 31	0 53	1 33	2 50	7 3	1 25	13 18	2 7	11 31	0 25	23 35	0 11	23 50	16 56	23 45	23 44	2 32			n.a.
W 3	11 2	6 59	4 16	8 20	3 6	5 0	0 51	1 32	2 50	7 2	1 25	13 15	2 7	11 31	0 25	23 35	0 11	23 50	16 56	23 45	23 44	2 29			n.a.
T 4	10 41	11 38	3 36	8 47	2 55	4 29	0 49	1 31	2 50	7 0	1 25	13 12	2 7	11 30	0 25	23 35	0 11	23 49	16 56	23 45	23 43	2 26			n.a.
F 5	10 20	15 53	2 47	9 14	2 43	3 58	0 47	1 31	2 49	6 59	1 25	13 10	2 7	11 30	0 25	23 35	0 11	23 48	16 56	23 45	23 43	2 23			n.a.
S 6	9 58	19 33	1 50	9 42	2 30	3 26	0 45	1 29	2 49	6 58	1 25	13 7	2 7	11 30	0 25	23 35	0 11	23 48	16 56	23 45	23 43	2 21			n.a.
S 7	9 36	22 24	0 45	10 11	2 16	2 54	0 43	1 28	2 49	6 56	1 25	13 4	2 7	11 29	0 25	23 35	0 11	23 47	16 56	23 45	23 43	2 18			n.a.
M 8	9 14	24 13	0s23	10 38	2 1	2 23	0 40	1 26	2 48	6 55	1 26	13 1	2 7	11 29	0 25	23 35	0 11	23 47	16 56	23 45	23 43	2 15			n.a.
T 9	8 52	24 43	1 32	11 6	1 46	1 51	0 38	1 24	2 48	6 53	1 26	12 59	2 7	11 28	0 25	23 35	0 11	23 46	16 55	23 45	23 43	2 12			n.a.
W10	8 30	23 44	2 38	11 32	1 30	1 19	0 36	1 22	2 47	6 52	1 26	12 56	2 7	11 28	0 25	23 35	0 11	23 45	16 55	23 45	23 43	2 9			n.a.
T 11	8 8	21 12	3 37	11 56	1 14	0 47	0 34	1 20	2 46	6 50	1 26	12 53	2 7	11 28	0 25	23 35	0 11	23 45	16 55	23 44	23 43	2 6			n.a.
F 12	7 45	17 14	4 23	12 20	0 58	0 15	0 31	1 17	2 46	6 49	1 26	12 50	2 7	11 27	0 25	23 35	0 11	23 44	16 55	23 44	23 42	2 3			n.a.
S 13	7 23	12 6	4 52	12 41	0 42	0n16	0 29	1 14	2 45	6 47	1 26	12 48	2 7	11 27	0 25	23 35	0 11	23 44	16 55	23 44	23 42	2 1			n.a.
S 14	7 0	6 11	5 1	13 1	0 27	0 48	0 26	1 11	2 44	6 45	1 26	12 45	2 7	11 26	0 25	23 35	0 11	23 43	16 55	23 43	23 42	1 58			n.a.
M15	6 37	0n 6	4 48	13 19	0 11	1 20	0 24	1 8	2 43	6 43	1 26	12 42	2 8	11 26	0 25	23 35	0 11	23 43	16 55	23 43	23 42	1 55			n.a.
T 16	6 15	6 18	4 16	13 34	0s 4	1 52	0 21	1 4	2 42	6 41	1 26	12 39	2 8	11 25	0 25	23 35	0 11	23 42	16 56	23 42	23 42	1 52			n.a.
W17	5 52	12 3	3 28	13 47	0 18	2 24	0 19	1 0	2 41	6 39	1 27	12 37	2 8	11 25	0 25	23 35	0 11	23 42	16 56	23 42	23 42	1 49			n.a.
T 18	5 29	16 59	2 27	13 59	0 32	2 55	0 16	0 56	2 40	6 37	1 27	12 34	2 8	11 24	0 25	23 35	0 11	23 41	16 56	23 42	23 42	1 46			n.a.
F 19	5 6	20 51	1 20	14 8	0 45	3 27	0 14	0 52	2 39	6 35	1 27	12 31	2 8	11 24	0 25	23 35	0 11	23 41	16 56	23 42	23 41	1 43			n.a.
S 20	4 43	23 27	0 10	14 14	0 58	3 59	0 11	0 47	2 37	6 33	1 27	12 29	2 8	11 23	0 25	23 34	0 11	23 40	16 56	23 42	23 41	1 41			n.a.
S 21	4 20	24 42	0n59	14 19	1 10	4 30	0 9	0 43	2 36	6 31	1 27	12 26	2 8	11 22	0 25	23 34	0 11	23 40	16 56	23 42	23 41	1 38			n.a.
M22	3 57	24 36	2 3	14 21	1 22	5 2	0 6	0 38	2 34	6 29	1 27	12 23	2 8	11 22	0 25	23 34	0 11	23 39	16 56	23 42	23 41	1 35			n.a.
T 23	3 33	23 15	3 0	14 21	1 32	5 33	0 3	0 33	2 33	6 26	1 27	12 21	2 8	11 21	0 25	23 34	0 11	23 39	16 56	23 42	23 41	1 32			n.a.
W24	3 10	20 48	3 47	14 19	1 42	6 4	0 1	0 28	2 31	6 24	1 27	12 18	2 8	11 21	0 25	23 34	0 11	23 38	16 56	23 41	23 41	1 29			n.a.
T 25	2 47	17 27	4 24	14 15	1 52	6 35	0n 2	0 22	2 30	6 22	1 27	12 15	2 8	11 20	0 25	23 34	0 11	23 38	16 56	23 41	23 40	1 26			n.a.
F 26	2 24	13 24	4 48	14 8	2 0	7 6	0 5	0 17	2 28	6 19	1 27	12 13	2 8	11 19	0 25	23 34	0 11	23 37	16 56	23 40	23 40	1 23			n.a.
S 27	2 0	8 52	4 59	14 0	2 8	7 37	0 8	0 11	2 26	6 17	1 27	12 10	2 9	11 19	0 25	23 34	0 11	23 37	16 56	23 40	23 40	1 20			n.a.
S 28	1 37	4 2	4 56	13 50	2 15	8 7	0 10	0 6	2 24	6 14	1 27	12 7	2 9	11 18	0 25	23 34	0 11	23 36	16 56	23 39	23 40	1 17			n.a.
M29	1 14	0s56	4 41	13 37	2 22	8 38	0 13	0n 0	2 22	6 12	1 27	12 5	2 9	11 17	0 25	23 34	0 11	23 36	16 56	23 38	23 40	1 15			n.a.
T 30	0 50	5 52	4 14	13 23	2 28	9 8	0 16	0 6	2 20	6 9	1 27	12 2	2 9	11 17	0 25	23 34	0 11	23 35	16 56	23 38	23 40	1 12			n.a.
W31	0s27	10s37	3n36	13s 6	2s33	9n38	0n19	0n12	2n18	6s 7	1n27	11s59	2s 9	11s16	0n25	23s34	0n11	23s35	16s56	23n37	23n40	1n 9			n.a.

Julian Day Number = 1310210.5, Delta T = 07h42m17s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'58, Lahiri = -19°29'58 Julian Calendar 1 March 1126 BCE == Greg. Calendar 18 Feb. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

APRIL 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 7	29♓51'21	18♏46	3♓34	24♈55	4°R22	18°R37	4♓41	29°R57	4♑23	9♓49	22°R29	23♊17	8♎34	n.a.	T 1
F 2	11 57 4	0♈49'08	0♐49	4°37	26° 8	4♎ 1	18♎30	4°48	29♎55	4°23	9°50	22♊25	23°14	8°41	n.a.	F 2
S 3	12 1 0	1°46'53	13° 3	5°44	27°20	3°41	18°23	4°56	29°53	4°24	9°52	22°24	23°11	8°48	n.a.	S 3
S 4	12 4 57	2°44'38	25°33	6°53	28°33	3°20	18°16	5° 3	29°51	4°24	9°53	22°D24	23° 8	8°54	n.a.	S 4
M 5	12 8 53	3°42'21	8♑23	8° 5	29°46	2°59	18° 9	5°10	29°49	4°25	9°54	22°R24	23° 4	9° 1	n.a.	M 5
T 6	12 12 50	4°40'02	21°37	9°19	0♉58	2°38	18° 2	5°17	29°47	4°25	9°56	22°23	23° 1	9° 8	n.a.	T 6
W 7	12 16 46	5°37'43	5♒19	10°36	2°11	2°17	17°55	5°24	29°45	4°26	9°57	22°20	22°58	9°14	n.a.	W 7
T 8	12 20 43	6°35'23	19°31	11°56	3°23	1°56	17°47	5°31	29°43	4°26	9°58	22°15	22°55	9°21	n.a.	T 8
F 9	12 24 40	7°33'01	4♓10	13°18	4°36	1°34	17°40	5°38	29°40	4°26	10° 0	22° 7	22°52	9°28	n.a.	F 9
S 10	12 28 36	8°30'38	19°12	14°42	5°48	1°13	17°33	5°45	29°38	4°27	10° 1	21°58	22°48	9°35	n.a.	S 10
S 11	12 32 33	9°28'13	4♈27	16° 9	7° 1	0°52	17°25	5°52	29°36	4°27	10° 2	21°47	22°45	9°41	n.a.	S 11
M12	12 36 29	10°25'47	19°46	17°38	8°13	0°32	17°18	5°59	29°34	4°27	10° 3	21°38	22°42	9°48	n.a.	M12
T 13	12 40 26	11°23'20	4♉56	19° 9	9°25	0°11	17°10	6° 5	29°31	4°27	10° 5	21°30	22°39	9°55	n.a.	T 13
W14	12 44 22	12°20'52	19°49	20°42	10°37	29♍51	17° 2	6°12	29°29	4°27	10° 6	21°24	22°36	10° 1	n.a.	W14
T 15	12 48 19	13°18'22	4♊16	22°18	11°50	29°31	16°55	6°19	29°27	4°27	10° 7	21°21	22°33	10° 8	n.a.	T 15
F 16	12 52 15	14°15'51	18°16	23°56	13° 2	29°11	16°47	6°26	29°24	4°27	10° 8	21°D20	22°29	10°15	n.a.	F 16
S 17	12 56 12	15°13'18	1♋48	25°37	14°14	28°52	16°40	6°32	29°22	4°27	10°10	21°20	22°26	10°22	n.a.	S 17
S 18	13 0 9	16°10'44	14°54	27°19	15°26	28°34	16°32	6°39	29°20	4°R27	10°11	21°R20	22°23	10°28	n.a.	S 18
M19	13 4 5	17° 8'08	27°39	29° 4	16°38	28°15	16°24	6°45	29°17	4°27	10°12	21°20	22°20	10°35	n.a.	M19
T 20	13 8 2	18° 5'31	10♌ 6	0♈51	17°50	27°58	16°17	6°52	29°15	4°27	10°13	21°17	22°17	10°42	n.a.	T 20
W21	13 11 58	19° 2'52	22°19	2°40	19° 2	27°40	16° 9	6°58	29°12	4°27	10°14	21°13	22°14	10°49	n.a.	W21
T 22	13 15 55	20° 0'13	4♍23	4°32	20°14	27°24	16° 1	7° 5	29°10	4°27	10°15	21° 6	22°10	10°55	n.a.	T 22
F 23	13 19 51	20°57'32	16°21	6°25	21°26	27° 8	15°54	7°11	29° 8	4°27	10°16	20°57	22° 7	11° 2	n.a.	F 23
S 24	13 23 48	21°54'49	28°14	8°21	22°37	26°53	15°46	7°17	29° 5	4°27	10°18	20°46	22° 4	11° 9	n.a.	S 24
S 25	13 27 44	22°52'06	10♎ 7	10°19	23°49	26°38	15°39	7°23	29° 3	4°27	10°19	20°35	22° 1	11°15	n.a.	S 25
M26	13 31 41	23°49'22	21°59	12°19	25° 1	26°24	15°31	7°30	29° 0	4°26	10°20	20°25	21°58	11°22	n.a.	M26
T 27	13 35 38	24°46'36	3♏53	14°21	26°12	26°11	15°24	7°36	28°58	4°26	10°21	20°16	21°54	11°29	n.a.	T 27
W28	13 39 34	25°43'50	15°51	16°25	27°24	25°58	15°16	7°42	28°55	4°26	10°22	20° 9	21°51	11°36	n.a.	W28
T 29	13 43 31	26°41'04	27°53	18°30	28°35	25°46	15° 9	7°48	28°53	4°25	10°23	20° 4	21°48	11°42	n.a.	T 29
F 30	13 47 27	27♈38'16	10♐ 4	20♈37	29♉47	25♍35	15♎ 2	7♓54	28♎50	4♑25	10♓24	20♊ 1	21♊45	11♎49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 3	15s 0	2n48	12s48	2s37	10n 8	0n21	0n18	2n15	6s 4	1n27	11s57	2s 9	11s15	0n25	23s34	0n11	23s34	16s57	23n37	23n39	1n 6		n.a.
F 2	0n20	18 50	1 52	12 27	2 41	10 37	0 24	0 24	2 13	6 1	1 27	11 54	2 9	11 14	0 25	23 34	0 11	23 34	16 57	23 37	23 39	1 3		n.a.
S 3	0 43	21 55	0 49	12 5	2 44	11 6	0 27	0 30	2 10	5 59	1 27	11 52	2 9	11 14	0 25	23 34	0 11	23 34	16 57	23 36	23 39	1 0		n.a.
S 4	1 6	24 2	0s17	11 41	2 46	11 36	0 30	0 36	2 8	5 56	1 27	11 49	2 10	11 13	0 25	23 34	0 11	23 33	16 57	23 36	23 39	0 57		n.a.
M 5	1 30	24 57	1 24	11 15	2 48	12 4	0 32	0 42	2 5	5 53	1 27	11 47	2 10	11 12	0 25	23 34	0 11	23 33	16 57	23 36	23 39	0 54		n.a.
T 6	1 53	24 30	2 28	10 48	2 49	12 33	0 35	0 49	2 3	5 50	1 27	11 44	2 10	11 11	0 25	23 34	0 11	23 32	16 57	23 36	23 39	0 51		n.a.
W 7	2 16	22 35	3 26	10 18	2 49	13 1	0 38	0 55	2 0	5 48	1 27	11 41	2 10	11 11	0 25	23 34	0 11	23 32	16 57	23 36	23 38	0 49		n.a.
T 8	2 39	19 13	4 14	9 47	2 49	13 29	0 40	1 1	1 57	5 45	1 27	11 39	2 10	11 10	0 25	23 34	0 11	23 32	16 58	23 36	23 38	0 46		n.a.
F 9	3 3	14 35	4 47	9 15	2 48	13 56	0 43	1 7	1 54	5 42	1 27	11 37	2 10	11 9	0 25	23 34	0 11	23 31	16 58	23 35	23 38	0 43		n.a.
S 10	3 26	8 57	5 1	8 40	2 46	14 23	0 46	1 12	1 52	5 39	1 27	11 34	2 10	11 8	0 25	23 34	0 11	23 31	16 58	23 35	23 38	0 40		n.a.
S 11	3 49	2 41	4 54	8 4	2 44	14 50	0 49	1 18	1 49	5 36	1 27	11 32	2 11	11 8	0 25	23 34	0 11	23 30	16 58	23 34	23 38	0 37		n.a.
M12	4 12	3n45	4 26	7 26	2 41	15 17	0 51	1 24	1 46	5 33	1 27	11 29	2 11	11 7	0 25	23 34	0 11	23 30	16 58	23 34	23 37	0 34		n.a.
T 13	4 35	9 56	3 40	6 47	2 38	15 43	0 54	1 29	1 43	5 31	1 27	11 27	2 11	11 6	0 25	23 34	0 11	23 30	16 58	23 33	23 37	0 31		n.a.
W14	4 57	15 26	2 39	6 6	2 34	16 9	0 56	1 35	1 40	5 28	1 27	11 24	2 11	11 5	0 25	23 34	0 11	23 29	16 58	23 33	23 37	0 28		n.a.
T 15	5 20	19 53	1 29	5 23	2 30	16 34	0 59	1 40	1 36	5 25	1 27	11 22	2 11	11 4	0 25	23 34	0 11	23 29	16 59	23 32	23 37	0 25		n.a.
F 16	5 43	23 2	0 16	4 39	2 24	16 59	1 2	1 45	1 33	5 22	1 27	11 20	2 11	11 3	0 25	23 34	0 11	23 29	16 59	23 32	23 37	0 22		n.a.
S 17	6 5	24 44	0n55	3 53	2 19	17 23	1 4	1 50	1 30	5 19	1 27	11 17	2 12	11 3	0 25	23 34	0 11	23 29	16 59	23 32	23 37	0 20		n.a.
S 18	6 28	25 0	2 2	3 6	2 13	17 47	1 7	1 54	1 27	5 16	1 27	11 15	2 12	11 2	0 25	23 34	0 11	23 28	16 59	23 32	23 36	0 17		n.a.
M19	6 50	23 55	3 1	2 18	2 6	18 11	1 9	1 59	1 24	5 13	1 27	11 13	2 12	11 1	0 25	23 34	0 11	23 28	16 59	23 32	23 36	0 14		n.a.
T 20	7 12	21 40	3 49	1 28	1 59	18 34	1 12	2 3	1 20	5 10	1 27	11 10	2 12	11 0	0 25	23 34	0 11	23 28	17 0	23 32	23 36	0 11		n.a.
W21	7 35	18 29	4 26	0 37	1 51	18 57	1 14	2 7	1 17	5 7	1 27	11 8	2 12	10 59	0 25	23 34	0 11	23 27	17 0	23 32	23 36	0 8		n.a.
T 22	7 57	14 34	4 51	0n16	1 43	19 19	1 16	2 11	1 14	5 5	1 27	11 6	2 12	10 58	0 25	23 34	0 11	23 27	17 0	23 31	23 36	0 5		n.a.
F 23	8 19	10 6	5 3	1 9	1 34	19 41	1 19	2 14	1 11	5 2	1 26	11 4	2 13	10 57	0 25	23 34	0 11	23 27	17 0	23 31	23 35	0 2		n.a.
S 24	8 40	5 18	5 1	2 4	1 25	20 2	1 21	2 17	1 7	4 59	1 26	11 1	2 13	10 57	0 25	23 34	0 11	23 27	17 1	23 30	23 35	0s 1		n.a.
S 25	9 2	0 19	4 47	3 0	1 16	20 23	1 23	2 20	1 4	4 56	1 26	10 59	2 13	10 56	0 25	23 34	0 11	23 26	17 1	23 29	23 35	0 4		n.a.
M26	9 24	4s42	4 19	3 56	1 6	20 43	1 26	2 23	1 1	4 53	1 26	10 57	2 13	10 55	0 25	23 34	0 11	23 26	17 1	23 29	23 35	0 7		n.a.
T 27	9 45	9 33	3 41	4 53	0 56	21 2	1 28	2 25	0 57	4 50	1 26	10 55	2 13	10 54	0 25	23 34	0 11	23 26	17 1	23 28	23 35	0 10		n.a.
W28	10 6	14 6	2 53	5 51	0 46	21 21	1 30	2 27	0 54	4 48	1 26	10 53	2 14	10 53	0 25	23 34	0 11	23 26	17 1	23 27	23 34	0 13		n.a.
T 29	10 27	18 8	1 56	6 50	0 35	21 40	1 32	2 29	0 51	4 45	1 26	10 51	2 14	10 52	0 25	23 34	0 11	23 26	17 2	23 27	23 34	0 15		n.a.
F 30	10n48	21s27	0n53	7n48	0s25	21n58	1n34	2n30	0n47	4s42	1n25	10s49	2s14	10s51	0n25	23s34	0n11	23s25	17s 2	23n27	23n34	0s18		n.a.

Julian Day Number = 1310241.5, Delta T = 07h42m16s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'54, Lahiri = -19°29'54 Julian Calendar 1 Apr. 1126 BCE == Greg. Calendar 21 March 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

MAY 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 24	28♈35'28	22♐25	22♈45	0♊58	25°R25	14°R54	7♓59	28°R48	4°R25	10♓25	20°D 1	21♊42	11♎56	n.a.	S 1
S 2	13 55 20	29°32'40	4♑59	24°55	2°10	25♍15	14♎47	8° 5	28♎45	4♑24	10°26	20♊ 2	21°39	12° 2	n.a.	S 2
M 3	13 59 17	0♉29'51	17°51	27° 5	3°21	25° 7	14°40	8°11	28°43	4°24	10°27	20° 3	21°35	12° 9	n.a.	M 3
T 4	14 3 13	1°27'02	1♒ 4	29°16	4°32	24°59	14°33	8°17	28°40	4°23	10°28	20°R 3	21°32	12°16	n.a.	T 4
W 5	14 7 10	2°24'12	14°40	1♉28	5°43	24°52	14°26	8°22	28°38	4°23	10°29	20° 3	21°29	12°23	n.a.	W 5
T 6	14 11 7	3°21'22	28°43	3°39	6°54	24°46	14°19	8°28	28°35	4°22	10°30	20° 0	21°26	12°29	n.a.	T 6
F 7	14 15 3	4°18'32	13♓10	5°51	8° 6	24°40	14°12	8°33	28°33	4°22	10°31	19°56	21°23	12°36	n.a.	F 7
S 8	14 19 0	5°15'41	27°58	8° 2	9°17	24°35	14° 6	8°39	28°31	4°21	10°32	19°50	21°20	12°43	n.a.	S 8
S 9	14 22 56	6°12'50	13♈ 2	10°12	10°28	24°32	13°59	8°44	28°28	4°20	10°33	19°44	21°16	12°49	n.a.	S 9
M10	14 26 53	7° 9'59	28°12	12°22	11°38	24°29	13°52	8°49	28°26	4°20	10°33	19°38	21°13	12°56	n.a.	M10
T 11	14 30 49	8° 7'07	13♉18	14°30	12°49	24°27	13°46	8°54	28°23	4°19	10°34	19°33	21°10	13° 3	n.a.	T 11
W12	14 34 46	9° 4'15	28°11	16°37	14° 0	24°25	13°40	9° 0	28°21	4°18	10°35	19°29	21° 7	13°10	n.a.	W12
T 13	14 38 43	10° 1'23	12♊42	18°43	15°11	24°D25	13°33	9° 5	28°18	4°17	10°36	19°D28	21° 4	13°16	n.a.	T 13
F 14	14 42 39	10°58'30	26°48	20°47	16°21	24°25	13°27	9°10	28°16	4°17	10°37	19°28	21° 0	13°23	n.a.	F 14
S 15	14 46 36	11°55'36	10♋27	22°49	17°32	24°27	13°21	9°14	28°14	4°16	10°38	19°29	20°57	13°30	n.a.	S 15
S 16	14 50 32	12°52'42	23°39	24°50	18°43	24°29	13°16	9°19	28°11	4°15	10°38	19°30	20°54	13°36	n.a.	S 16
M17	14 54 29	13°49'47	6♌28	26°48	19°53	24°31	13°10	9°24	28° 9	4°14	10°39	19°31	20°51	13°43	n.a.	M17
T 18	14 58 25	14°46'52	18°56	28°45	21° 3	24°35	13° 4	9°29	28° 7	4°13	10°40	19°R31	20°48	13°50	n.a.	T 18
W19	15 2 22	15°43'56	1♍10	0♊39	22°14	24°40	12°59	9°33	28° 4	4°12	10°40	19°30	20°45	13°57	n.a.	W19
T 20	15 6 18	16°41'00	13°12	2°31	23°24	24°45	12°54	9°38	28° 2	4°11	10°41	19°28	20°41	14° 3	n.a.	T 20
F 21	15 10 15	17°38'04	25° 8	4°21	24°34	24°51	12°49	9°42	28° 0	4°10	10°42	19°24	20°38	14°10	n.a.	F 21
S 22	15 14 12	18°35'07	7♎ 0	6° 9	25°44	24°58	12°44	9°47	27°57	4° 9	10°42	19°19	20°35	14°17	n.a.	S 22
S 23	15 18 8	19°32'10	18°52	7°55	26°54	25° 5	12°39	9°51	27°55	4° 8	10°43	19°14	20°32	14°23	n.a.	S 23
M24	15 22 5	20°29'13	0♏46	9°39	28° 4	25°14	12°34	9°55	27°53	4° 7	10°44	19° 9	20°29	14°30	n.a.	M24
T 25	15 26 1	21°26'16	12°46	11°21	29°14	25°23	12°29	9°59	27°51	4° 6	10°44	19° 5	20°25	14°37	n.a.	T 25
W26	15 29 58	22°23'19	24°51	13° 0	0♋24	25°32	12°25	10° 3	27°49	4° 5	10°45	19° 1	20°22	14°44	n.a.	W26
T 27	15 33 54	23°20'22	7♐ 5	14°37	1°34	25°43	12°21	10° 7	27°46	4° 4	10°45	19° 0	20°19	14°50	n.a.	T 27
F 28	15 37 51	24°17'26	19°29	16°13	2°43	25°54	12°17	10°11	27°44	4° 3	10°46	18°D59	20°16	14°57	n.a.	F 28
S 29	15 41 48	25°14'29	2♑ 3	17°45	3°53	26° 6	12°13	10°15	27°42	4° 2	10°47	19° 0	20°13	15° 4	n.a.	S 29
S 30	15 45 44	26°11'33	14°51	19°16	5° 2	26°18	12° 9	10°18	27°40	4° 1	10°47	19° 1	20°10	15°10	n.a.	S 30
M31	15 49 41	27♉ 8'38	27♑54	20♊45	6♋11	26♍31	12♎ 5	10♓22	27♎38	3♑59	10♓47	19♊ 2	20♊ 6	15♎17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 9	23s49	0s13	8n47	0s14	22n15	1n36	2n31	0n44	4s39	1n25	10s47	2s14	10s50	0n25	23s34	0n11	23s25	17s 2	23n27	23n34	0s21		n.a.
S 2	11 29	25 4	1 20	9 45	0 3	22 32	1 38	2 32	0 41	4 37	1 25	10 45	2 14	10 49	0 25	23 34	0 11	23 25	17 2	23 27	23 34	0 24		n.a.
M 3	11 50	25 0	2 24	10 43	0n 7	22 48	1 40	2 33	0 38	4 34	1 25	10 43	2 15	10 49	0 25	23 34	0 11	23 25	17 3	23 27	23 33	0 27		n.a.
T 4	12 10	23 33	3 23	11 40	0 18	23 3	1 42	2 33	0 35	4 32	1 25	10 41	2 15	10 48	0 25	23 35	0 11	23 25	17 3	23 27	23 33	0 30		n.a.
W 5	12 30	20 42	4 12	12 37	0 28	23 18	1 43	2 33	0 31	4 29	1 25	10 39	2 15	10 47	0 25	23 35	0 11	23 25	17 3	23 27	23 33	0 33		n.a.
T 6	12 50	16 35	4 48	13 32	0 38	23 32	1 45	2 33	0 28	4 26	1 24	10 37	2 15	10 46	0 25	23 35	0 11	23 25	17 4	23 27	23 33	0 36		n.a.
F 7	13 10	11 25	5 6	14 26	0 48	23 46	1 47	2 32	0 25	4 24	1 24	10 35	2 15	10 45	0 25	23 35	0 11	23 24	17 4	23 26	23 33	0 39		n.a.
S 8	13 29	5 28	5 5	15 19	0 57	23 59	1 48	2 31	0 22	4 22	1 24	10 33	2 16	10 44	0 25	23 35	0 11	23 24	17 4	23 26	23 32	0 42		n.a.
S 9	13 49	0n53	4 43	16 10	1 6	24 11	1 50	2 30	0 19	4 19	1 24	10 31	2 16	10 43	0 25	23 35	0 11	23 24	17 4	23 25	23 32	0 45		n.a.
M10	14 8	7 15	4 2	16 58	1 14	24 23	1 51	2 28	0 16	4 17	1 24	10 29	2 16	10 42	0 25	23 35	0 11	23 24	17 5	23 25	23 32	0 48		n.a.
T 11	14 26	13 11	3 3	17 45	1 22	24 34	1 52	2 27	0 13	4 14	1 23	10 28	2 16	10 42	0 25	23 35	0 11	23 24	17 5	23 25	23 32	0 51		n.a.
W12	14 45	18 15	1 53	18 30	1 29	24 44	1 54	2 24	0 10	4 12	1 23	10 26	2 17	10 41	0 25	23 35	0 11	23 24	17 5	23 24	23 32	0 54		n.a.
T 13	15 4	22 5	0 37	19 12	1 36	24 53	1 55	2 22	0 7	4 10	1 23	10 24	2 17	10 40	0 25	23 35	0 11	23 24	17 6	23 24	23 31	0 56		n.a.
F 14	15 22	24 27	0n40	19 52	1 41	25 2	1 56	2 19	0 4	4 8	1 23	10 22	2 17	10 39	0 24	23 35	0 11	23 24	17 6	23 24	23 31	0 59		n.a.
S 15	15 40	25 16	1 52	20 30	1 46	25 10	1 57	2 16	0 2	4 6	1 22	10 21	2 17	10 38	0 24	23 35	0 11	23 24	17 6	23 24	23 31	1 2		n.a.
S 16	15 57	24 36	2 55	21 5	1 51	25 18	1 58	2 13	0s 1	4 3	1 22	10 19	2 18	10 37	0 24	23 35	0 11	23 24	17 7	23 24	23 31	1 5		n.a.
M17	16 15	22 38	3 48	21 37	1 55	25 25	1 59	2 9	0 4	4 1	1 22	10 18	2 18	10 36	0 24	23 35	0 11	23 24	17 7	23 24	23 30	1 8		n.a.
T 18	16 32	19 38	4 29	22 7	1 58	25 31	2 0	2 5	0 7	3 59	1 22	10 16	2 18	10 36	0 24	23 35	0 11	23 24	17 7	23 24	23 30	1 11		n.a.
W19	16 49	15 50	4 56	22 35	2 0	25 36	2 0	2 1	0 9	3 58	1 22	10 14	2 18	10 35	0 24	23 35	0 11	23 24	17 7	23 24	23 30	1 14		n.a.
T 20	17 6	11 27	5 10	23 0	2 2	25 41	2 1	1 56	0 12	3 56	1 21	10 13	2 19	10 34	0 24	23 35	0 11	23 24	17 8	23 24	23 30	1 17		n.a.
F 21	17 22	6 42	5 10	23 22	2 3	25 44	2 2	1 51	0 14	3 54	1 21	10 11	2 19	10 33	0 24	23 35	0 11	23 24	17 8	23 24	23 30	1 20		n.a.
S 22	17 38	1 43	4 57	23 43	2 3	25 47	2 2	1 46	0 17	3 52	1 21	10 10	2 19	10 32	0 24	23 35	0 11	23 24	17 8	23 23	23 29	1 23		n.a.
S 23	17 54	3s20	4 31	24 1	2 3	25 50	2 2	1 41	0 20	3 50	1 21	10 9	2 19	10 32	0 24	23 35	0 11	23 24	17 9	23 23	23 29	1 26		n.a.
M24	18 10	8 17	3 54	24 16	2 2	25 52	2 3	1 36	0 22	3 49	1 20	10 7	2 20	10 31	0 24	23 35	0 11	23 24	17 9	23 23	23 29	1 29		n.a.
T 25	18 25	12 59	3 6	24 30	2 0	25 52	2 3	1 30	0 24	3 47	1 20	10 6	2 20	10 30	0 24	23 35	0 11	23 24	17 9	23 22	23 29	1 32		n.a.
W26	18 40	17 13	2 9	24 41	1 58	25 53	2 3	1 24	0 27	3 46	1 20	10 5	2 20	10 29	0 24	23 35	0 11	23 24	17 10	23 22	23 28	1 35		n.a.
T 27	18 55	20 47	1 5	24 50	1 55	25 52	2 3	1 17	0 29	3 44	1 19	10 3	2 20	10 28	0 24	23 35	0 11	23 24	17 10	23 22	23 28	1 38		n.a.
F 28	19 9	23 27	0s 3	24 57	1 52	25 51	2 3	1 11	0 31	3 43	1 19	10 2	2 21	10 28	0 24	23 35	0 11	23 24	17 10	23 22	23 28	1 41		n.a.
S 29	19 23	25 0	1 11	25 3	1 48	25 49	2 3	1 4	0 34	3 42	1 19	10 1	2 21	10 27	0 24	23 35	0 11	23 24	17 11	23 22	23 28	1 44		n.a.
S 30	19 37	25 16	2 18	25 6	1 43	25 46	2 2	0 57	0 36	3 40	1 19	10 0	2 21	10 26	0 24	23 35	0 11	23 25	17 11	23 22	23 27	1 47		n.a.
M31	19n50	24s 9	3s18	25n 8	1n38	25n43	2n 2	0n49	0s38	3s39	1n18	9s59	2s21	10s25	0n24	23s35	0n11	23s25	17s11	23n22	23n27	1s50		n.a.

Julian Day Number = 1310271.5, Delta T = 07h42m14s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'50, Lahiri = -19°29'50 Julian Calendar 1 May 1126 BCE == Greg. Calendar 20 Apr. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

JUNE 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 37	28♉ 5'43	11♒13	22♊11	7♋21	26♍45	12°R 2	10♓25	27°R36	3°R58	10♓48	19♊ 4	20♊ 3	15♎24	n.a.	T 1
W 2	15 57 34	29° 2'48	24°51	23°35	8°30	27° 0	11♎59	10°29	27♎34	3♑57	10°48	19°R 4	20° 0	15°30	n.a.	W 2
T 3	16 1 30	29°59'54	8♓48	24°57	9°39	27°15	11°56	10°32	27°32	3°56	10°49	19° 4	19°57	15°37	n.a.	T 3
F 4	16 5 27	0♊57'01	23° 3	26°16	10°48	27°30	11°53	10°35	27°30	3°54	10°49	19° 3	19°54	15°44	n.a.	F 4
S 5	16 9 23	1°54'09	7♈34	27°33	11°57	27°47	11°50	10°38	27°28	3°53	10°50	19° 2	19°51	15°51	n.a.	S 5
S 6	16 13 20	2°51'17	22°17	28°48	13° 6	28° 3	11°47	10°42	27°26	3°52	10°50	19° 0	19°47	15°57	n.a.	S 6
M 7	16 17 17	3°48'26	7♉ 5	29°59	14°14	28°21	11°45	10°44	27°25	3°50	10°50	18°58	19°44	16° 4	n.a.	M 7
T 8	16 21 13	4°45'35	21°53	1♋10	15°23	28°39	11°43	10°47	27°23	3°49	10°51	18°56	19°41	16°11	n.a.	T 8
W 9	16 25 10	5°42'45	6♊31	2°16	16°31	28°58	11°41	10°50	27°21	3°48	10°51	18°55	19°38	16°17	n.a.	W 9
T 10	16 29 6	6°39'56	20°54	3°21	17°40	29°17	11°39	10°53	27°19	3°46	10°51	18°D55	19°35	16°24	n.a.	T 10
F 11	16 33 3	7°37'08	4♋57	4°22	18°48	29°37	11°37	10°55	27°18	3°45	10°51	18°55	19°31	16°31	n.a.	F 11
S 12	16 36 59	8°34'20	18°36	5°21	19°56	29°57	11°36	10°58	27°16	3°43	10°52	18°56	19°28	16°38	n.a.	S 12
S 13	16 40 56	9°31'32	1♌51	6°16	21° 4	0♎18	11°35	11° 0	27°14	3°42	10°52	18°57	19°25	16°44	n.a.	S 13
M14	16 44 53	10°28'45	14°43	7° 8	22°12	0°39	11°33	11° 2	27°13	3°40	10°52	18°58	19°22	16°51	n.a.	M14
T 15	16 48 49	11°25'58	27°15	7°57	23°20	1° 1	11°32	11° 4	27°11	3°39	10°52	18°58	19°19	16°58	n.a.	T 15
W16	16 52 46	12°23'12	9♍31	8°43	24°28	1°23	11°32	11° 6	27°10	3°38	10°52	18°R59	19°16	17° 4	n.a.	W16
T 17	16 56 42	13°20'26	21°34	9°25	25°35	1°46	11°31	11° 8	27° 8	3°36	10°52	18°59	19°12	17°11	n.a.	T 17
F 18	17 0 39	14°17'41	3♎30	10° 3	26°43	2° 9	11°31	11°10	27° 7	3°34	10°52	18°58	19° 9	17°18	n.a.	F 18
S 19	17 4 35	15°14'56	15°22	10°37	27°50	2°33	11°31	11°12	27° 5	3°33	10°53	18°58	19° 6	17°25	n.a.	S 19
S 20	17 8 32	16°12'12	27°15	11° 7	28°57	2°57	11°D31	11°14	27° 4	3°31	10°53	18°57	19° 3	17°31	n.a.	S 20
M21	17 12 28	17° 9'29	9♏13	11°33	0♌ 4	3°22	11°31	11°15	27° 3	3°30	10°53	18°57	19° 0	17°38	n.a.	M21
T 22	17 16 25	18° 6'47	21°18	11°55	1°11	3°47	11°31	11°17	27° 2	3°28	10°R53	18°57	18°57	17°45	n.a.	T 22
W23	17 20 22	19° 4'05	3♐34	12°12	2°18	4°13	11°32	11°18	27° 0	3°27	10°53	18°D57	18°53	17°51	n.a.	W23
T 24	17 24 18	20° 1'25	16° 1	12°24	3°24	4°39	11°32	11°19	26°59	3°25	10°53	18°R57	18°50	17°58	n.a.	T 24
F 25	17 28 15	20°58'45	28°42	12°31	4°31	5° 5	11°33	11°20	26°58	3°24	10°53	18°57	18°47	18° 5	n.a.	F 25
S 26	17 32 11	21°56'07	11♑37	12°R33	5°37	5°32	11°34	11°21	26°57	3°22	10°52	18°57	18°44	18°11	n.a.	S 26
S 27	17 36 8	22°53'30	24°46	12°30	6°43	5°59	11°36	11°22	26°56	3°20	10°52	18°57	18°41	18°18	n.a.	S 27
M28	17 40 4	23°50'54	8♒ 9	12°22	7°49	6°26	11°37	11°23	26°55	3°19	10°52	18°56	18°37	18°25	n.a.	M28
T 29	17 44 1	24°48'20	21°45	12° 8	8°55	6°54	11°39	11°24	26°54	3°17	10°52	18°55	18°34	18°32	n.a.	T 29
W30	17 47 57	25♊45'47	5♓34	11♋49	10♌ 0	7♎22	11♎40	11♓24	26♎53	3♑16	10♓52	18♊55	18♊31	18♎38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 3	21s41	4s 9	25n 8	1n32	25n39	2n 2	0n42	0s40	3s38	1n18	9s58	2s22	10s25	0n24	23s36	0n11	23s25	17s12	23n22	23n27	1s52		n.a.
W 2	20 16	17 57	4 48	25 6	1 26	25 34	2 1	0 34	0 42	3 37	1 18	9 56	2 22	10 24	0 24	23 36	0 11	23 25	17 12	23 22	23 27	1 55		n.a.
T 3	20 29	13 11	5 10	25 3	1 19	25 28	2 0	0 26	0 44	3 36	1 17	9 55	2 22	10 23	0 24	23 36	0 11	23 25	17 12	23 22	23 26	1 58		n.a.
F 4	20 41	7 36	5 15	24 59	1 12	25 22	1 59	0 18	0 46	3 35	1 17	9 54	2 23	10 23	0 24	23 36	0 11	23 25	17 13	23 22	23 26	2 1		n.a.
S 5	20 53	1 31	4 59	24 53	1 4	25 15	1 59	0 10	0 48	3 35	1 17	9 54	2 23	10 22	0 24	23 36	0 11	23 25	17 13	23 22	23 26	2 4		n.a.
S 6	21 4	4n44	4 24	24 46	0 56	25 7	1 58	0 1	0 50	3 34	1 17	9 53	2 23	10 21	0 24	23 36	0 11	23 26	17 14	23 22	23 26	2 7		n.a.
M 7	21 15	10 47	3 31	24 37	0 47	24 59	1 57	0s 8	0 52	3 33	1 16	9 52	2 23	10 21	0 24	23 36	0 11	23 26	17 14	23 22	23 25	2 10		n.a.
T 8	21 26	16 13	2 24	24 28	0 38	24 50	1 55	0 17	0 54	3 33	1 16	9 51	2 24	10 20	0 24	23 36	0 11	23 26	17 14	23 22	23 25	2 13		n.a.
W 9	21 36	20 38	1 8	24 17	0 28	24 40	1 54	0 26	0 56	3 32	1 16	9 50	2 24	10 19	0 24	23 36	0 10	23 26	17 15	23 22	23 25	2 16		n.a.
T 10	21 46	23 42	0n11	24 6	0 18	24 30	1 53	0 35	0 58	3 32	1 15	9 49	2 24	10 19	0 24	23 36	0 10	23 26	17 15	23 21	23 25	2 19		n.a.
F 11	21 56	25 12	1 28	23 53	0 8	24 19	1 51	0 45	1 0	3 31	1 15	9 49	2 25	10 18	0 24	23 36	0 10	23 27	17 15	23 22	23 24	2 22		n.a.
S 12	22 5	25 6	2 37	23 40	0s 3	24 8	1 50	0 55	1 1	3 31	1 15	9 48	2 25	10 18	0 24	23 36	0 10	23 27	17 16	23 22	23 24	2 25		n.a.
S 13	22 14	23 34	3 36	23 26	0 14	23 55	1 48	1 5	1 3	3 31	1 15	9 47	2 25	10 17	0 24	23 36	0 10	23 27	17 16	23 22	23 24	2 28		n.a.
M14	22 23	20 51	4 22	23 12	0 26	23 42	1 46	1 15	1 5	3 30	1 14	9 47	2 25	10 17	0 24	23 36	0 10	23 27	17 16	23 22	23 24	2 31		n.a.
T 15	22 31	17 13	4 54	22 57	0 38	23 29	1 44	1 25	1 6	3 30	1 14	9 46	2 26	10 16	0 24	23 36	0 10	23 28	17 17	23 22	23 23	2 34		n.a.
W16	22 39	12 56	5 13	22 42	0 50	23 15	1 42	1 36	1 8	3 30	1 14	9 46	2 26	10 15	0 24	23 36	0 10	23 28	17 17	23 22	23 23	2 37		n.a.
T 17	22 46	8 14	5 16	22 27	1 3	23 0	1 40	1 46	1 9	3 30	1 13	9 45	2 26	10 15	0 24	23 36	0 10	23 28	17 17	23 22	23 23	2 40		n.a.
F 18	22 53	3 16	5 7	22 11	1 16	22 45	1 37	1 57	1 11	3 30	1 13	9 45	2 27	10 14	0 24	23 36	0 10	23 29	17 18	23 22	23 23	2 43		n.a.
S 19	23 0	1s47	4 44	21 55	1 29	22 29	1 35	2 8	1 13	3 31	1 13	9 44	2 27	10 14	0 24	23 36	0 10	23 29	17 18	23 22	23 22	2 46		n.a.
S 20	23 6	6 48	4 9	21 40	1 42	22 13	1 33	2 19	1 14	3 31	1 12	9 44	2 27	10 14	0 24	23 37	0 10	23 29	17 19	23 22	23 22	2 49		n.a.
M21	23 12	11 36	3 23	21 24	1 55	21 56	1 30	2 31	1 15	3 31	1 12	9 44	2 28	10 13	0 24	23 37	0 10	23 29	17 19	23 22	23 22	2 52		n.a.
T 22	23 17	16 1	2 27	21 9	2 9	21 38	1 27	2 42	1 17	3 32	1 12	9 43	2 28	10 13	0 24	23 37	0 10	23 30	17 19	23 22	23 22	2 55		n.a.
W23	23 22	19 50	1 24	20 54	2 22	21 20	1 24	2 54	1 18	3 32	1 11	9 43	2 28	10 12	0 24	23 37	0 10	23 30	17 20	23 22	23 21	2 58		n.a.
T 24	23 27	22 49	0 16	20 39	2 36	21 2	1 21	3 5	1 20	3 33	1 11	9 43	2 28	10 12	0 24	23 37	0 10	23 30	17 20	23 22	23 21	3 1		n.a.
F 25	23 31	24 43	0s54	20 25	2 49	20 43	1 18	3 17	1 21	3 33	1 11	9 43	2 29	10 11	0 24	23 37	0 10	23 31	17 20	23 22	23 21	3 4		n.a.
S 26	23 35	25 21	2 2	20 12	3 2	20 23	1 15	3 29	1 22	3 34	1 11	9 43	2 29	10 11	0 24	23 37	0 10	23 31	17 21	23 22	23 21	3 7		n.a.
S 27	23 38	24 34	3 6	20 0	3 15	20 3	1 12	3 41	1 24	3 35	1 10	9 43	2 29	10 11	0 24	23 37	0 10	23 31	17 21	23 22	23 20	3 10		n.a.
M28	23 41	22 23	4 0	19 48	3 27	19 43	1 9	3 53	1 25	3 36	1 10	9 43	2 30	10 10	0 24	23 37	0 10	23 32	17 21	23 22	23 20	3 13		n.a.
T 29	23 43	18 55	4 42	19 38	3 39	19 22	1 5	4 6	1 26	3 37	1 10	9 43	2 30	10 10	0 24	23 37	0 10	23 32	17 22	23 22	23 20	3 15		n.a.
W30	23n46	14s23	5s 8	19n28	3s50	19n 1	1n 1	4s18	1s27	3s38	1n 9	9s43	2s30	10s10	0n23	23s37	0n10	23s33	17s22	23n21	23n19	3s18		n.a.

Julian Day Number = 1310302.5, Delta T = 07h42m12s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'46, Lahiri = -19°29'45 Julian Calendar 1 June 1126 BCE == Greg. Calendar 21 May 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

JULY 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 54	26♊43'15	19♓33	11°R25	11♌ 6	7♎51	11♎42	11♓25	26°R52	3°R14	10°R52	18°R54	18♊28	18♎45	n.a.	T 1
F 2	17 55 51	27°40'45	3♈42	10♋56	12°11	8°20	11°45	11°25	26♎52	3♑12	10♓52	18°D54	18°25	18°52	n.a.	F 2
S 3	17 59 47	28°38'17	17°59	10°22	13°16	8°49	11°47	11°26	26°51	3°11	10°51	18♊55	18°22	18°58	n.a.	S 3
S 4	18 3 44	29°35'50	2♉21	9°44	14°21	9°19	11°49	11°26	26°50	3° 9	10°51	18°56	18°18	19° 5	n.a.	S 4
M 5	18 7 40	0♋33'25	16°44	9° 3	15°26	9°49	11°52	11°R26	26°49	3° 8	10°51	18°56	18°15	19°12	n.a.	M 5
T 6	18 11 37	1°31'02	1♊ 5	8°17	16°30	10°19	11°55	11°26	26°49	3° 6	10°51	18°57	18°12	19°19	n.a.	T 6
W 7	18 15 33	2°28'40	15°19	7°30	17°34	10°50	11°58	11°26	26°48	3° 4	10°50	18°R58	18° 9	19°25	n.a.	W 7
T 8	18 19 30	3°26'20	29°22	6°40	18°38	11°21	12° 1	11°25	26°48	3° 3	10°50	18°58	18° 6	19°32	n.a.	T 8
F 9	18 23 27	4°24'01	13♋10	5°50	19°42	11°53	12° 5	11°25	26°47	3° 1	10°50	18°57	18° 3	19°39	n.a.	F 9
S 10	18 27 23	5°21'43	26°40	5° 0	20°46	12°24	12° 8	11°25	26°47	2°59	10°49	18°55	17°59	19°45	n.a.	S 10
S 11	18 31 20	6°19'27	9♌51	4°11	21°49	12°56	12°12	11°24	26°47	2°58	10°49	18°53	17°56	19°52	n.a.	S 11
M12	18 35 16	7°17'13	22°42	3°23	22°52	13°28	12°16	11°23	26°46	2°56	10°48	18°50	17°53	19°59	n.a.	M12
T 13	18 39 13	8°14'59	5♍14	2°39	23°55	14° 1	12°20	11°23	26°46	2°54	10°48	18°47	17°50	20° 5	n.a.	T 13
W14	18 43 9	9°12'47	17°31	1°59	24°58	14°34	12°24	11°22	26°46	2°53	10°48	18°45	17°47	20°12	n.a.	W14
T 15	18 47 6	10°10'37	29°35	1°24	26° 0	15° 7	12°29	11°21	26°46	2°51	10°47	18°44	17°43	20°19	n.a.	T 15
F 16	18 51 2	11° 8'27	11♎30	0°54	27° 2	15°40	12°33	11°20	26°46	2°50	10°47	18°D43	17°40	20°26	n.a.	F 16
S 17	18 54 59	12° 6'19	23°23	0°30	28° 4	16°14	12°38	11°18	26°D46	2°48	10°46	18°44	17°37	20°32	n.a.	S 17
S 18	18 58 55	13° 4'13	5♏16	0°14	29° 5	16°48	12°43	11°17	26°46	2°46	10°46	18°45	17°34	20°39	n.a.	S 18
M19	19 2 52	14° 2'08	17°15	0° 5	0♍ 7	17°22	12°48	11°16	26°46	2°45	10°45	18°47	17°31	20°46	n.a.	M19
T 20	19 6 49	15° 0'04	29°25	0°D 3	1° 7	17°57	12°53	11°14	26°46	2°43	10°44	18°49	17°28	20°52	n.a.	T 20
W21	19 10 45	15°58'02	11♐48	0°10	2° 8	18°31	12°58	11°13	26°46	2°42	10°44	18°50	17°24	20°59	n.a.	W21
T 22	19 14 42	16°56'02	24°28	0°24	3° 8	19° 6	13° 4	11°11	26°46	2°40	10°43	18°R50	17°21	21° 6	n.a.	T 22
F 23	19 18 38	17°54'03	7♑26	0°47	4° 8	19°41	13°10	11° 9	26°46	2°38	10°43	18°48	17°18	21°13	n.a.	F 23
S 24	19 22 35	18°52'07	20°43	1°18	5° 8	20°17	13°15	11° 7	26°47	2°37	10°42	18°46	17°15	21°19	n.a.	S 24
S 25	19 26 31	19°50'12	4♒18	1°57	6° 7	20°52	13°21	11° 5	26°47	2°35	10°41	18°42	17°12	21°26	n.a.	S 25
M26	19 30 28	20°48'19	18° 7	2°44	7° 5	21°28	13°28	11° 3	26°47	2°34	10°41	18°37	17° 9	21°33	n.a.	M26
T 27	19 34 25	21°46'27	2♓ 9	3°38	8° 4	22° 4	13°34	11° 1	26°48	2°32	10°40	18°32	17° 5	21°39	n.a.	T 27
W28	19 38 21	22°44'38	16°18	4°40	9° 2	22°40	13°40	10°59	26°48	2°31	10°39	18°28	17° 2	21°46	n.a.	W28
T 29	19 42 18	23°42'51	0♈31	5°48	9°59	23°17	13°47	10°56	26°49	2°29	10°39	18°24	16°59	21°53	n.a.	T 29
F 30	19 46 14	24°41'06	14°45	7° 2	10°56	23°54	13°54	10°54	26°50	2°28	10°38	18°22	16°56	21°59	n.a.	F 30
S 31	19 50 11	25♋39'24	28♈57	8♋23	11♍53	24♎30	14♎ 0	10♓51	26♎50	2♑26	10♓37	18°D22	16♊53	22♎ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n47	9s 2	5s17	19n20	4s 0	18n39	0n58	4s31	1s28	3s39	1n 9	9s43	2s31	10s10	0n23	23s37	0n10	23s33	17s22	23n21	23n19	3s21			n.a.
F 2	23 48	3 10	5 6	19 13	4 10	18 17	0 54	4 44	1 30	3 40	1 9	9 43	2 31	10 9	0 23	23 37	0 10	23 33	17 23	23 21	23 19	3 24			n.a.
S 3	23 49	2n55	4 37	19 8	4 18	17 54	0 50	4 56	1 31	3 41	1 8	9 43	2 31	10 9	0 23	23 37	0 10	23 34	17 23	23 21	23 19	3 27			n.a.
S 4	23 50	8 53	3 50	19 4	4 25	17 31	0 46	5 9	1 32	3 42	1 8	9 43	2 31	10 9	0 23	23 37	0 10	23 34	17 23	23 22	23 18	3 30			n.a.
M 5	23 50	14 25	2 49	19 1	4 30	17 8	0 42	5 22	1 33	3 44	1 8	9 43	2 32	10 9	0 23	23 37	0 10	23 35	17 24	23 22	23 18	3 33			n.a.
T 6	23 49	19 7	1 37	19 1	4 34	16 44	0 37	5 35	1 34	3 45	1 8	9 44	2 32	10 8	0 23	23 37	0 10	23 35	17 24	23 22	23 18	3 36			n.a.
W 7	23 48	22 40	0 20	19 1	4 36	16 20	0 33	5 48	1 35	3 47	1 7	9 44	2 32	10 8	0 23	23 37	0 10	23 35	17 24	23 22	23 17	3 39			n.a.
T 8	23 47	24 47	0n57	19 3	4 36	15 56	0 28	6 2	1 36	3 48	1 7	9 44	2 33	10 8	0 23	23 37	0 10	23 36	17 25	23 22	23 17	3 42			n.a.
F 9	23 45	25 19	2 10	19 7	4 35	15 31	0 24	6 15	1 37	3 50	1 7	9 45	2 33	10 8	0 23	23 38	0 10	23 36	17 25	23 22	23 17	3 45			n.a.
S 10	23 43	24 19	3 13	19 13	4 32	15 6	0 19	6 29	1 38	3 51	1 6	9 45	2 33	10 8	0 23	23 38	0 10	23 37	17 25	23 21	23 17	3 48			n.a.
S 11	23 41	22 0	4 5	19 20	4 26	14 41	0 14	6 42	1 39	3 53	1 6	9 46	2 34	10 8	0 23	23 38	0 10	23 37	17 26	23 21	23 16	3 51			n.a.
M12	23 37	18 37	4 43	19 28	4 19	14 16	0 9	6 56	1 40	3 55	1 6	9 46	2 34	10 8	0 23	23 38	0 10	23 38	17 26	23 21	23 16	3 54			n.a.
T 13	23 34	14 28	5 6	19 38	4 10	13 50	0 4	7 9	1 41	3 57	1 6	9 47	2 34	10 8	0 23	23 38	0 10	23 38	17 26	23 21	23 16	3 57			n.a.
W14	23 30	9 49	5 15	19 49	4 0	13 24	0s 1	7 23	1 41	3 59	1 5	9 47	2 34	10 7	0 23	23 38	0 10	23 39	17 27	23 21	23 15	4 0			n.a.
T 15	23 26	4 53	5 9	20 1	3 48	12 58	0 6	7 37	1 42	4 1	1 5	9 48	2 35	10 7	0 23	23 38	0 10	23 39	17 27	23 21	23 15	4 3			n.a.
F 16	23 21	0s11	4 50	20 15	3 35	12 31	0 12	7 51	1 43	4 3	1 5	9 49	2 35	10 7	0 23	23 38	0 10	23 40	17 27	23 21	23 15	4 6			n.a.
S 17	23 16	5 13	4 19	20 29	3 20	12 4	0 17	8 5	1 44	4 5	1 4	9 50	2 35	10 7	0 23	23 38	0 10	23 40	17 28	23 21	23 15	4 9			n.a.
S 18	23 11	10 5	3 37	20 45	3 5	11 38	0 23	8 19	1 45	4 7	1 4	9 50	2 36	10 7	0 23	23 38	0 10	23 41	17 28	23 21	23 14	4 12			n.a.
M19	23 5	14 38	2 45	21 1	2 49	11 10	0 28	8 33	1 45	4 9	1 4	9 51	2 36	10 8	0 23	23 38	0 10	23 41	17 28	23 21	23 14	4 15			n.a.
T 20	22 58	18 39	1 45	21 17	2 32	10 43	0 34	8 47	1 46	4 12	1 4	9 52	2 36	10 8	0 23	23 38	0 10	23 42	17 29	23 21	23 14	4 18			n.a.
W21	22 51	21 56	0 38	21 34	2 15	10 16	0 40	9 1	1 47	4 14	1 3	9 53	2 36	10 8	0 23	23 38	0 10	23 42	17 29	23 21	23 13	4 21			n.a.
T 22	22 44	24 14	0s31	21 52	1 58	9 48	0 46	9 15	1 48	4 17	1 3	9 54	2 37	10 8	0 23	23 38	0 10	23 43	17 29	23 21	23 13	4 24			n.a.
F 23	22 37	25 17	1 40	22 9	1 41	9 21	0 52	9 29	1 48	4 19	1 3	9 55	2 37	10 8	0 23	23 38	0 10	23 43	17 30	23 21	23 13	4 27			n.a.
S 24	22 29	24 56	2 46	22 26	1 24	8 53	0 58	9 43	1 49	4 22	1 2	9 56	2 37	10 8	0 23	23 38	0 10	23 44	17 30	23 21	23 12	4 30			n.a.
S 25	22 20	23 6	3 43	22 42	1 7	8 25	1 5	9 58	1 49	4 24	1 2	9 57	2 38	10 8	0 23	23 38	0 10	23 44	17 30	23 20	23 12	4 33			n.a.
M26	22 11	19 54	4 29	22 58	0 50	7 57	1 11	10 12	1 50	4 27	1 2	9 58	2 38	10 8	0 23	23 38	0 10	23 45	17 30	23 20	23 12	4 36			n.a.
T 27	22 2	15 31	4 59	23 13	0 34	7 29	1 17	10 26	1 51	4 30	1 2	9 59	2 38	10 9	0 23	23 38	0 10	23 45	17 31	23 20	23 11	4 39			n.a.
W28	21 53	10 15	5 11	23 26	0 19	7 1	1 24	10 41	1 51	4 32	1 1	10 0	2 38	10 9	0 23	23 38	0 10	23 46	17 31	23 19	23 11	4 42			n.a.
T 29	21 43	4 26	5 4	23 38	0 4	6 33	1 31	10 55	1 52	4 35	1 1	10 1	2 39	10 9	0 23	23 38	0 10	23 46	17 31	23 19	23 11	4 45			n.a.
F 30	21 32	1n38	4 39	23 49	0n10	6 5	1 37	11 9	1 52	4 38	1 1	10 2	2 39	10 9	0 23	23 39	0 10	23 47	17 31	23 19	23 11	4 48			n.a.
S 31	21n21	7n36	3s57	23n57	0n23	5n37	1s44	11s24	1s53	4s41	1n 1	10s 4	2s39	10s10	0n23	23s39	0n10	23s47	17s32	23n19	23n10	4s51			n.a.

Julian Day Number = 1310332.5, Delta T = 07h42m11s
Ecliptic obliquity = 23°49'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'42, Lahiri = -19°29'41 Julian Calendar 1 July 1126 BCE == Greg. Calendar 20 June 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

AUGUST 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 7	26♋37'44	13♉ 5	9♋49	12♍49	25♎ 8	14♎ 7	10°R48	26♎51	2°R25	10°R36	18♊23	16♊49	22♎13	n.a.	S 1
M 2	19 58 4	27°36'06	27° 7	11°19	13°45	25°45	14°15	10♓46	26°52	2♑23	10♓36	18°24	16°46	22°19	n.a.	M 2
T 3	20 2 0	28°34'30	11♊ 2	12°54	14°40	26°22	14°22	10°43	26°53	2°22	10°35	18°25	16°43	22°26	n.a.	T 3
W 4	20 5 57	29°32'57	24°50	14°33	15°35	27° 0	14°29	10°40	26°54	2°21	10°34	18°R25	16°40	22°33	n.a.	W 4
T 5	20 9 53	0♌31'26	8♋27	16°15	16°29	27°38	14°37	10°37	26°55	2°19	10°33	18°24	16°37	22°40	n.a.	T 5
F 6	20 13 50	1°29'57	21°53	18° 0	17°23	28°16	14°45	10°34	26°55	2°18	10°32	18°20	16°34	22°46	n.a.	F 6
S 7	20 17 47	2°28'30	5♌ 6	19°47	18°16	28°54	14°52	10°31	26°57	2°16	10°31	18°14	16°30	22°53	n.a.	S 7
S 8	20 21 43	3°27'05	18° 4	21°36	19° 9	29°33	15° 0	10°27	26°58	2°15	10°31	18° 7	16°27	23° 0	n.a.	S 8
M 9	20 25 40	4°25'42	0♍47	23°26	20° 1	0♏11	15° 8	10°24	26°59	2°14	10°30	17°58	16°24	23° 6	n.a.	M 9
T 10	20 29 36	5°24'21	13°14	25°17	20°52	0°50	15°17	10°21	27° 0	2°12	10°29	17°50	16°21	23°13	n.a.	T 10
W11	20 33 33	6°23'02	25°28	27° 9	21°43	1°29	15°25	10°17	27° 1	2°11	10°28	17°42	16°18	23°20	n.a.	W11
T 12	20 37 29	7°21'44	7♎30	29° 1	22°33	2° 8	15°33	10°13	27° 2	2°10	10°27	17°36	16°15	23°26	n.a.	T 12
F 13	20 41 26	8°20'29	19°25	0♌54	23°22	2°48	15°42	10°10	27° 4	2° 9	10°26	17°32	16°11	23°33	n.a.	F 13
S 14	20 45 22	9°19'15	1♏15	2°46	24°10	3°27	15°51	10° 6	27° 5	2° 7	10°25	17°30	16° 8	23°40	n.a.	S 14
S 15	20 49 19	10°18'04	13° 7	4°38	24°58	4° 7	16° 0	10° 2	27° 7	2° 6	10°24	17°D29	16° 5	23°47	n.a.	S 15
M16	20 53 16	11°16'54	25° 5	6°30	25°45	4°46	16° 9	9°58	27° 8	2° 5	10°23	17°30	16° 2	23°53	n.a.	M16
T 17	20 57 12	12°15'46	7♐14	8°21	26°31	5°26	16°18	9°54	27°10	2° 4	10°22	17°31	15°59	24° 0	n.a.	T 17
W18	21 1 9	13°14'40	19°40	10°12	27°16	6° 6	16°27	9°50	27°11	2° 3	10°21	17°R32	15°55	24° 7	n.a.	W18
T 19	21 5 5	14°13'36	2♑26	12° 2	28° 0	6°47	16°36	9°46	27°13	2° 2	10°20	17°30	15°52	24°13	n.a.	T 19
F 20	21 9 2	15°12'35	15°36	13°52	28°44	7°27	16°45	9°42	27°15	2° 1	10°19	17°27	15°49	24°20	n.a.	F 20
S 21	21 12 58	16°11'35	29°10	15°40	29°26	8° 7	16°55	9°38	27°16	1°59	10°18	17°21	15°46	24°27	n.a.	S 21
S 22	21 16 55	17°10'37	13♒ 7	17°28	0♎ 7	8°48	17° 5	9°34	27°18	1°58	10°17	17°14	15°43	24°33	n.a.	S 22
M23	21 20 51	18° 9'41	27°23	19°15	0°48	9°29	17°14	9°29	27°20	1°57	10°16	17° 4	15°40	24°40	n.a.	M23
T 24	21 24 48	19° 8'48	11♓53	21° 1	1°27	10°10	17°24	9°25	27°22	1°56	10°15	16°54	15°36	24°47	n.a.	T 24
W25	21 28 44	20° 7'56	26°29	22°46	2° 5	10°51	17°34	9°21	27°24	1°55	10°14	16°45	15°33	24°54	n.a.	W25
T 26	21 32 41	21° 7'07	11♈ 5	24°30	2°41	11°32	17°44	9°16	27°26	1°55	10°13	16°38	15°30	25° 0	n.a.	T 26
F 27	21 36 38	22° 6'21	25°35	26°14	3°17	12°13	17°54	9°12	27°28	1°54	10°12	16°33	15°27	25° 7	n.a.	F 27
S 28	21 40 34	23° 5'37	9♉54	27°56	3°51	12°54	18° 5	9° 7	27°30	1°53	10°10	16°30	15°24	25°14	n.a.	S 28
S 29	21 44 31	24° 4'55	23°59	29°38	4°24	13°36	18°15	9° 3	27°32	1°52	10° 9	16°D29	15°21	25°20	n.a.	S 29
M30	21 48 27	25° 4'17	7♊51	1♍19	4°56	14°17	18°25	8°58	27°34	1°51	10° 8	16°29	15°17	25°27	n.a.	M30
T 31	21 52 24	26♌ 3'40	21♊29	2♍59	5♎26	14♏59	18♎36	8♓53	27♎36	1♑50	10♓ 7	16°R30	15♊14	25♎34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n10	13n 9	3s 0	24n 3	0n36	5n 9	1s51	11s38	1s53	4s44	1n 0	10s 5	2s39	10s10	0n23	23s39	0n10	23s48	17s32	23n19	23n10	4s54			n.a.
M 2	20 59	18 0	1 53	24 7	0 47	4 41	1 58	11 52	1 54	4 47	1 0	10 6	2 40	10 10	0 23	23 39	0 10	23 48	17 32	23 19	23 10	4 57			n.a.
T 3	20 47	21 48	0 40	24 8	0 57	4 13	2 5	12 7	1 54	4 50	1 0	10 8	2 40	10 11	0 23	23 39	0 10	23 49	17 33	23 19	23 9	5 0			n.a.
W 4	20 35	24 18	0n35	24 7	1 7	3 45	2 12	12 21	1 55	4 53	1 0	10 9	2 40	10 11	0 22	23 39	0 10	23 49	17 33	23 19	23 9	5 3			n.a.
T 5	20 22	25 19	1 46	24 4	1 15	3 17	2 19	12 35	1 55	4 56	0 59	10 10	2 40	10 11	0 22	23 39	0 10	23 50	17 33	23 19	23 9	5 6			n.a.
F 6	20 9	24 50	2 51	23 57	1 22	2 49	2 27	12 49	1 56	5 0	0 59	10 12	2 41	10 12	0 22	23 39	0 10	23 51	17 33	23 18	23 8	5 9			n.a.
S 7	19 56	22 56	3 45	23 49	1 29	2 21	2 34	13 4	1 56	5 3	0 59	10 13	2 41	10 12	0 22	23 39	0 10	23 51	17 33	23 18	23 8	5 12			n.a.
S 8	19 42	19 53	4 26	23 37	1 34	1 54	2 41	13 18	1 56	5 6	0 59	10 15	2 41	10 12	0 22	23 39	0 10	23 52	17 34	23 17	23 8	5 15			n.a.
M 9	19 28	15 56	4 54	23 23	1 39	1 26	2 49	13 32	1 57	5 10	0 58	10 16	2 41	10 13	0 22	23 39	0 10	23 52	17 34	23 16	23 7	5 18			n.a.
T 10	19 14	11 23	5 6	23 7	1 43	0 59	2 56	13 46	1 57	5 13	0 58	10 18	2 41	10 13	0 22	23 39	0 10	23 53	17 34	23 16	23 7	5 21			n.a.
W11	18 59	6 28	5 4	22 48	1 46	0 32	3 4	14 1	1 57	5 17	0 58	10 19	2 42	10 14	0 22	23 39	0 10	23 53	17 34	23 15	23 7	5 24			n.a.
T 12	18 44	1 23	4 49	22 27	1 48	0 5	3 12	14 15	1 58	5 20	0 58	10 21	2 42	10 14	0 22	23 39	0 10	23 54	17 35	23 14	23 6	5 27			n.a.
F 13	18 28	3s42	4 21	22 4	1 49	0s22	3 19	14 29	1 58	5 24	0 57	10 22	2 42	10 15	0 22	23 39	0 10	23 54	17 35	23 14	23 6	5 30			n.a.
S 14	18 13	8 38	3 42	21 38	1 50	0 49	3 27	14 43	1 58	5 27	0 57	10 24	2 42	10 15	0 22	23 39	0 10	23 55	17 35	23 14	23 6	5 33			n.a.
S 15	17 57	13 16	2 54	21 11	1 50	1 15	3 35	14 57	1 58	5 31	0 57	10 26	2 42	10 16	0 22	23 39	0 10	23 56	17 35	23 14	23 5	5 36			n.a.
M16	17 40	17 27	1 58	20 43	1 49	1 41	3 43	15 11	1 59	5 35	0 57	10 27	2 43	10 17	0 22	23 39	0 10	23 56	17 35	23 14	23 5	5 39			n.a.
T 17	17 24	20 58	0 55	20 12	1 48	2 7	3 51	15 25	1 59	5 38	0 57	10 29	2 43	10 17	0 22	23 39	0 10	23 57	17 35	23 14	23 5	5 42			n.a.
W18	17 7	23 37	0s11	19 41	1 46	2 32	3 59	15 38	1 59	5 42	0 56	10 31	2 43	10 18	0 22	23 39	0 10	23 57	17 36	23 14	23 4	5 45			n.a.
T 19	16 50	25 7	1 19	19 7	1 44	2 58	4 7	15 52	1 59	5 46	0 56	10 32	2 43	10 18	0 22	23 39	0 10	23 58	17 36	23 14	23 4	5 47			n.a.
F 20	16 32	25 17	2 24	18 33	1 41	3 22	4 15	16 6	1 59	5 50	0 56	10 34	2 43	10 19	0 22	23 39	0 9	23 58	17 36	23 14	23 4	5 50			n.a.
S 21	16 14	23 58	3 23	17 58	1 38	3 47	4 23	16 20	2 0	5 54	0 56	10 36	2 44	10 20	0 22	23 39	0 9	23 59	17 36	23 13	23 3	5 53			n.a.
S 22	15 56	21 10	4 12	17 21	1 35	4 11	4 31	16 33	2 0	5 58	0 55	10 38	2 44	10 20	0 22	23 39	0 9	23 59	17 36	23 12	23 3	5 56			n.a.
M23	15 38	17 2	4 46	16 44	1 31	4 35	4 39	16 46	2 0	6 2	0 55	10 40	2 44	10 21	0 22	23 39	0 9	24 0	17 36	23 11	23 3	5 59			n.a.
T 24	15 19	11 51	5 2	16 5	1 27	4 58	4 47	17 0	2 0	6 6	0 55	10 41	2 44	10 22	0 22	23 39	0 9	24 1	17 37	23 10	23 2	6 2			n.a.
W25	15 1	5 59	4 59	15 26	1 22	5 20	4 55	17 13	2 0	6 10	0 55	10 43	2 44	10 22	0 22	23 40	0 9	24 1	17 37	23 9	23 2	6 5			n.a.
T 26	14 41	0n14	4 36	14 47	1 17	5 43	5 3	17 26	2 0	6 14	0 55	10 45	2 44	10 23	0 22	23 40	0 9	24 2	17 37	23 9	23 2	6 8			n.a.
F 27	14 22	6 23	3 56	14 7	1 12	6 4	5 11	17 39	2 0	6 18	0 54	10 47	2 44	10 24	0 22	23 40	0 9	24 2	17 37	23 8	23 1	6 11			n.a.
S 28	14 2	12 9	3 2	13 26	1 7	6 26	5 20	17 52	2 0	6 22	0 54	10 49	2 45	10 25	0 22	23 40	0 9	24 3	17 37	23 8	23 1	6 14			n.a.
S 29	13 43	17 12	1 57	12 44	1 1	6 46	5 27	18 5	2 0	6 26	0 54	10 51	2 45	10 25	0 22	23 40	0 9	24 3	17 37	23 8	23 1	6 17			n.a.
M30	13 22	21 13	0 46	12 3	0 56	7 6	5 35	18 18	2 0	6 31	0 54	10 52	2 45	10 26	0 22	23 40	0 9	24 4	17 37	23 8	23 0	6 20			n.a.
T 31	13n 2	24n 0	0n27	11n21	0n50	7s25	5s43	18s31	2s 0	6s35	0n54	10s54	2s45	10s27	0n22	23s40	0n 9	24s 4	17s37	23n 8	23n 0	6s23			n.a.

Julian Day Number = 1310363.5, Delta T = 07h42m09s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'38, Lahiri = -19°29'37 Julian Calendar 1 Aug. 1126 BCE == Greg. Calendar 21 July 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

SEPTEMBER 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 56 20	27♌ 3'06	4♋55	4♍39	5♎54	15♏41	18♎47	8°R49	27♎38	1°R49	10°R 6	16°R28	15♊11	25♎40	n.a.	W 1
T 2	22 0 17	28° 2'35	18° 9	6°17	6°21	16°23	18°57	8♓44	27°40	1♑49	10♓ 5	16♊24	15° 8	25°47	n.a.	T 2
F 3	22 4 13	29° 2'06	1♌12	7°55	6°47	17° 5	19° 8	8°39	27°43	1°48	10° 4	16°18	15° 5	25°54	n.a.	F 3
S 4	22 8 10	0♍ 1'39	14° 4	9°32	7°10	17°47	19°19	8°35	27°45	1°47	10° 3	16° 8	15° 1	26° 0	n.a.	S 4
S 5	22 12 7	1° 1'14	26°45	11° 8	7°32	18°29	19°30	8°30	27°48	1°47	10° 1	15°56	14°58	26° 7	n.a.	S 5
M 6	22 16 3	2° 0'52	9♍14	12°44	7°52	19°12	19°41	8°25	27°50	1°46	10° 0	15°43	14°55	26°14	n.a.	M 6
T 7	22 20 0	3° 0'32	21°32	14°19	8°11	19°54	19°52	8°20	27°52	1°46	9°59	15°29	14°52	26°20	n.a.	T 7
W 8	22 23 56	4° 0'13	3♎40	15°53	8°27	20°37	20° 4	8°15	27°55	1°45	9°58	15°16	14°49	26°27	n.a.	W 8
T 9	22 27 53	4°59'57	15°38	17°27	8°42	21°20	20°15	8°10	27°57	1°44	9°57	15° 6	14°46	26°34	n.a.	T 9
F 10	22 31 49	5°59'43	27°30	19° 0	8°54	22° 2	20°26	8° 6	28° 0	1°44	9°56	14°57	14°42	26°41	n.a.	F 10
S 11	22 35 46	6°59'30	9♏18	20°32	9° 4	22°45	20°38	8° 1	28° 3	1°43	9°55	14°52	14°39	26°47	n.a.	S 11
S 12	22 39 42	7°59'20	21° 7	22° 4	9°12	23°28	20°49	7°56	28° 5	1°43	9°53	14°49	14°36	26°54	n.a.	S 12
M13	22 43 39	8°59'11	3♐ 2	23°35	9°18	24°11	21° 1	7°51	28° 8	1°43	9°52	14°48	14°33	27° 1	n.a.	M13
T 14	22 47 35	9°59'04	15° 8	25° 5	9°21	24°54	21°13	7°46	28°11	1°42	9°51	14°48	14°30	27° 7	n.a.	T 14
W15	22 51 32	10°59'00	27°31	26°35	9°R22	25°37	21°25	7°41	28°13	1°42	9°50	14°48	14°26	27°14	n.a.	W15
T 16	22 55 29	11°58'57	10♑16	28° 4	9°21	26°21	21°36	7°37	28°16	1°42	9°49	14°46	14°23	27°21	n.a.	T 16
F 17	22 59 25	12°58'55	23°27	29°33	9°18	27° 4	21°48	7°32	28°19	1°41	9°48	14°42	14°20	27°27	n.a.	F 17
S 18	23 3 22	13°58'56	7♒ 6	1♏ 1	9°11	27°48	22° 0	7°27	28°22	1°41	9°46	14°35	14°17	27°34	n.a.	S 18
S 19	23 7 18	14°58'58	21°14	2°28	9° 3	28°31	22°12	7°22	28°25	1°41	9°45	14°26	14°14	27°41	n.a.	S 19
M20	23 11 15	15°59'03	5♓47	3°55	8°52	29°15	22°25	7°17	28°28	1°41	9°44	14°15	14°11	27°47	n.a.	M20
T 21	23 15 11	16°59'09	20°39	5°20	8°39	29°58	22°37	7°13	28°31	1°41	9°43	14° 3	14° 7	27°54	n.a.	T 21
W22	23 19 8	17°59'17	5♈40	6°45	8°23	0♗42	22°49	7° 8	28°34	1°41	9°42	13°51	14° 4	28° 1	n.a.	W22
T 23	23 23 4	18°59'27	20°42	8°10	8° 5	1°26	23° 1	7° 3	28°37	1°40	9°41	13°42	14° 1	28° 7	n.a.	T 23
F 24	23 27 1	19°59'39	5♉34	9°33	7°44	2°10	23°14	6°59	28°40	1°40	9°40	13°35	13°58	28°14	n.a.	F 24
S 25	23 30 57	20°59'54	20°10	10°56	7°22	2°54	23°26	6°54	28°43	1°D40	9°38	13°31	13°55	28°21	n.a.	S 25
S 26	23 34 54	22° 0'11	4♊26	12°18	6°57	3°38	23°39	6°49	28°46	1°40	9°37	13°30	13°52	28°28	n.a.	S 26
M27	23 38 51	23° 0'30	18°21	13°38	6°30	4°22	23°51	6°45	28°49	1°41	9°36	13°30	13°48	28°34	n.a.	M27
T 28	23 42 47	24° 0'51	1♋55	14°58	6° 2	5° 6	24° 4	6°40	28°52	1°41	9°35	13°30	13°45	28°41	n.a.	T 28
W29	23 46 44	25° 1'15	15°10	16°16	5°32	5°50	24°17	6°36	28°56	1°41	9°34	13°28	13°42	28°48	n.a.	W29
T 30	23 50 40	26♍ 1'40	28♋10	17♎34	5♎ 0	6♐34	24♎29	6♓31	28♎59	1♑41	9♓33	13♊25	13♊39	28♎54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n42	25n20	1n36	10n38	0n44	7s44	5s51	18s43	2s 0	6s39	0n53	10s56	2s45	10s28	0n22	23s40	0n 9	24s 5	17s37	23n 8	22n59	6s26		n.a.
T 2	12 21	25 12	2 39	9 56	0 37	8 2	5 59	18 55	2 0	6 43	0 53	10 58	2 45	10 29	0 22	23 40	0 9	24 5	17 37	23 7	22 59	6 29		n.a.
F 3	12 0	23 41	3 33	9 13	0 31	8 19	6 6	19 8	2 0	6 48	0 53	11 0	2 45	10 30	0 22	23 40	0 9	24 6	17 37	23 7	22 59	6 32		n.a.
S 4	11 39	20 56	4 15	8 30	0 25	8 36	6 14	19 20	2 0	6 52	0 53	11 2	2 45	10 30	0 22	23 40	0 9	24 6	17 38	23 6	22 58	6 35		n.a.
S 5	11 17	17 14	4 44	7 47	0 18	8 51	6 21	19 32	2 0	6 56	0 53	11 4	2 45	10 31	0 22	23 40	0 9	24 7	17 38	23 4	22 58	6 38		n.a.
M 6	10 56	12 49	4 58	7 4	0 11	9 6	6 29	19 44	2 0	7 1	0 52	11 6	2 45	10 32	0 22	23 40	0 9	24 7	17 38	23 3	22 58	6 41		n.a.
T 7	10 34	7 58	4 59	6 21	0 5	9 20	6 36	19 56	2 0	7 5	0 52	11 8	2 45	10 33	0 22	23 40	0 9	24 8	17 38	23 1	22 57	6 44		n.a.
W 8	10 12	2 52	4 45	5 37	0s 2	9 33	6 42	20 7	2 0	7 10	0 52	11 10	2 46	10 34	0 22	23 40	0 9	24 8	17 38	23 0	22 57	6 47		n.a.
T 9	9 50	2s16	4 19	4 54	0 9	9 45	6 49	20 19	2 0	7 14	0 52	11 11	2 46	10 35	0 22	23 40	0 9	24 9	17 38	22 59	22 57	6 50		n.a.
F 10	9 28	7 18	3 42	4 11	0 16	9 55	6 56	20 30	2 0	7 19	0 52	11 13	2 46	10 36	0 22	23 40	0 9	24 9	17 38	22 58	22 56	6 53		n.a.
S 11	9 5	12 3	2 56	3 28	0 23	10 5	7 2	20 41	2 0	7 23	0 51	11 15	2 46	10 37	0 21	23 40	0 9	24 10	17 38	22 57	22 56	6 56		n.a.
S 12	8 43	16 22	2 2	2 45	0 30	10 14	7 8	20 52	1 59	7 28	0 51	11 17	2 46	10 38	0 21	23 40	0 9	24 10	17 38	22 57	22 55	6 59		n.a.
M13	8 20	20 6	1 2	2 2	0 36	10 21	7 13	21 3	1 59	7 33	0 51	11 19	2 46	10 39	0 21	23 40	0 9	24 11	17 38	22 57	22 55	7 2		n.a.
T 14	7 57	23 1	0s 2	1 19	0 43	10 27	7 18	21 14	1 59	7 37	0 51	11 21	2 46	10 40	0 21	23 40	0 9	24 11	17 38	22 57	22 55	7 5		n.a.
W15	7 34	24 55	1 7	0 37	0 50	10 32	7 23	21 24	1 59	7 42	0 51	11 23	2 46	10 41	0 21	23 40	0 9	24 12	17 38	22 57	22 54	7 8		n.a.
T 16	7 11	25 35	2 10	0s 5	0 57	10 36	7 28	21 34	1 59	7 46	0 51	11 25	2 46	10 42	0 21	23 40	0 9	24 12	17 38	22 57	22 54	7 11		n.a.
F 17	6 47	24 51	3 9	0 47	1 4	10 38	7 32	21 44	1 58	7 51	0 50	11 26	2 46	10 43	0 21	23 40	0 9	24 12	17 38	22 56	22 54	7 14		n.a.
S 18	6 24	22 39	3 59	1 29	1 10	10 39	7 35	21 54	1 58	7 56	0 50	11 28	2 46	10 44	0 21	23 40	0 9	24 13	17 38	22 55	22 53	7 17		n.a.
S 19	6 1	19 0	4 36	2 10	1 17	10 38	7 38	22 4	1 58	8 1	0 50	11 30	2 46	10 45	0 21	23 40	0 9	24 13	17 38	22 54	22 53	7 20		n.a.
M20	5 37	14 7	4 57	2 51	1 23	10 36	7 41	22 14	1 58	8 5	0 50	11 32	2 46	10 46	0 21	23 40	0 9	24 14	17 38	22 53	22 52	7 23		n.a.
T 21	5 13	8 19	4 58	3 32	1 30	10 32	7 42	22 23	1 57	8 10	0 50	11 34	2 46	10 47	0 21	23 40	0 9	24 14	17 38	22 51	22 52	7 26		n.a.
W22	4 49	1 58	4 39	4 12	1 36	10 27	7 43	22 32	1 57	8 15	0 50	11 35	2 46	10 48	0 21	23 40	0 9	24 15	17 38	22 50	22 52	7 29		n.a.
T 23	4 25	4n30	4 0	4 51	1 42	10 20	7 44	22 41	1 57	8 20	0 50	11 37	2 46	10 50	0 21	23 40	0 9	24 15	17 37	22 49	22 51	7 32		n.a.
F 24	4 2	10 40	3 6	5 30	1 48	10 11	7 44	22 50	1 57	8 24	0 49	11 39	2 46	10 51	0 21	23 40	0 9	24 15	17 37	22 48	22 51	7 35		n.a.
S 25	3 37	16 9	2 0	6 8	1 54	10 1	7 43	22 59	1 56	8 29	0 49	11 41	2 46	10 52	0 21	23 40	0 9	24 16	17 37	22 48	22 51	7 38		n.a.
S 26	3 13	20 36	0 48	6 46	2 0	9 50	7 41	23 7	1 56	8 34	0 49	11 42	2 45	10 53	0 21	23 40	0 9	24 16	17 37	22 48	22 50	7 41		n.a.
M27	2 49	23 44	0n26	7 23	2 5	9 37	7 38	23 15	1 56	8 39	0 49	11 44	2 45	10 54	0 21	23 40	0 9	24 16	17 37	22 47	22 50	7 44		n.a.
T 28	2 25	25 25	1 36	7 59	2 10	9 22	7 35	23 23	1 55	8 44	0 49	11 46	2 45	10 55	0 21	23 40	0 9	24 17	17 37	22 47	22 49	7 47		n.a.
W29	2 1	25 35	2 39	8 35	2 15	9 6	7 31	23 31	1 55	8 49	0 49	11 47	2 45	10 56	0 21	23 40	0 9	24 17	17 37	22 47	22 49	7 50		n.a.
T 30	1n36	24n20	3n33	9s 9	2s20	8s49	7s26	23s38	1s55	8s53	0n48	11s49	2s45	10s58	0n21	23s40	0n 9	24s17	17s37	22n47	22n49	7s53		n.a.

Julian Day Number = 1310394.5, Delta T = 07h42m08s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'33, Lahiri = -19°29'33 Julian Calendar 1 Sept. 1126 BCE == Greg. Calendar 21 Aug. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

OCTOBER 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 54 37	27♍ 2'08	10♌55	18♎49	4°R27	7♐18	24♎42	6°R27	29♎ 2	1♏41	9°R32	13°R18	13♊36	29♎ 1	n.a.	F 1
S 2	23 58 33	28° 2'37	23°29	20° 3	3♎53	8° 3	24°55	6♓23	29° 5	1°41	9♓31	13♊ 8	13°32	29° 8	n.a.	S 2
S 3	0 2 30	29° 3'09	5♍53	21°16	3°18	8°47	25° 8	6°18	29° 9	1°42	9°30	12°56	13°29	29°14	n.a.	S 3
M 4	0 6 26	0♎ 3'42	18° 8	22°26	2°42	9°31	25°21	6°14	29°12	1°42	9°28	12°43	13°26	29°21	n.a.	M 4
T 5	0 10 23	1° 4'17	0♎15	23°34	2° 6	10°16	25°34	6°10	29°15	1°42	9°27	12°29	13°23	29°28	n.a.	T 5
W 6	0 14 20	2° 4'53	12°14	24°40	1°30	11° 0	25°47	6° 6	29°19	1°43	9°26	12°16	13°20	29°34	n.a.	W 6
T 7	0 18 16	3° 5'32	24° 8	25°42	0°53	11°45	26° 0	6° 2	29°22	1°43	9°25	12° 5	13°17	29°41	n.a.	T 7
F 8	0 22 13	4° 6'12	5♏57	26°42	0°18	12°30	26°13	5°58	29°25	1°44	9°24	11°56	13°13	29°48	n.a.	F 8
S 9	0 26 9	5° 6'53	17°44	27°38	29♍42	13°14	26°26	5°54	29°29	1°44	9°23	11°50	13°10	29°54	n.a.	S 9
S 10	0 30 6	6° 7'36	29°33	28°30	29° 8	13°59	26°39	5°50	29°32	1°45	9°22	11°48	13° 7	0♏ 1	n.a.	S 10
M11	0 34 2	7° 8'20	11♐26	29°17	28°34	14°44	26°52	5°46	29°36	1°45	9°21	11°D47	13° 4	0° 8	n.a.	M11
T 12	0 37 59	8° 9'06	23°30	29°59	28° 2	15°28	27° 6	5°42	29°39	1°46	9°20	11°47	13° 1	0°14	n.a.	T 12
W13	0 41 55	9° 9'53	5♑49	0♏36	27°31	16°13	27°19	5°39	29°43	1°46	9°19	11°R48	12°58	0°21	n.a.	W13
T 14	0 45 52	10°10'41	18°28	1° 6	27° 2	16°58	27°32	5°35	29°46	1°47	9°18	11°47	12°54	0°28	n.a.	T 14
F 15	0 49 49	11°11'30	1♒33	1°28	26°34	17°43	27°45	5°32	29°50	1°48	9°17	11°45	12°51	0°35	n.a.	F 15
S 16	0 53 45	12°12'21	15° 6	1°43	26° 9	18°28	27°59	5°28	29°53	1°48	9°16	11°41	12°48	0°41	n.a.	S 16
S 17	0 57 42	13°13'12	29°10	1°R49	25°45	19°13	28°12	5°25	29°57	1°49	9°15	11°34	12°45	0°48	n.a.	S 17
M18	1 1 38	14°14'05	13♓43	1°45	25°24	19°58	28°26	5°22	0♏ 1	1°50	9°14	11°26	12°42	0°55	n.a.	M18
T 19	1 5 35	15°14'58	28°40	1°31	25° 5	20°43	28°39	5°19	0° 4	1°51	9°14	11°17	12°38	1° 1	n.a.	T 19
W20	1 9 31	16°15'53	13♈53	1° 7	24°48	21°28	28°53	5°16	0° 8	1°51	9°13	11° 8	12°35	1° 8	n.a.	W20
T 21	1 13 28	17°16'49	29°10	0°31	24°34	22°13	29° 6	5°13	0°11	1°52	9°12	11° 1	12°32	1°15	n.a.	T 21
F 22	1 17 24	18°17'46	14♉22	29♎45	24°22	22°58	29°20	5°10	0°15	1°53	9°11	10°56	12°29	1°21	n.a.	F 22
S 23	1 21 21	19°18'45	29°18	28°48	24°13	23°43	29°33	5° 7	0°19	1°54	9°10	10°53	12°26	1°28	n.a.	S 23
S 24	1 25 18	20°19'46	13♊52	27°43	24° 6	24°28	29°47	5° 4	0°22	1°55	9° 9	10°D53	12°23	1°35	n.a.	S 24
M25	1 29 14	21°20'47	28° 0	26°29	24° 2	25°13	0♏ 0	5° 2	0°26	1°56	9° 8	10°53	12°19	1°41	n.a.	M25
T 26	1 33 11	22°21'50	11♋42	25°10	24°D 1	25°58	0°14	4°59	0°30	1°57	9° 8	10°55	12°16	1°48	n.a.	T 26
W27	1 37 7	23°22'55	25° 0	23°48	24° 1	26°44	0°27	4°57	0°33	1°58	9° 7	10°R55	12°13	1°55	n.a.	W27
T 28	1 41 4	24°24'00	7♌56	22°25	24° 5	27°29	0°41	4°55	0°37	1°59	9° 6	10°54	12°10	2° 1	n.a.	T 28
F 29	1 45 0	25°25'07	20°34	21° 5	24°10	28°14	0°55	4°52	0°41	2° 1	9° 5	10°51	12° 7	2° 8	n.a.	F 29
S 30	1 48 57	26°26'15	2♍58	19°50	24°18	28°59	1° 8	4°50	0°44	2° 2	9° 4	10°46	12° 3	2°15	n.a.	S 30
S 31	1 52 53	27♎27'25	15♍10	18♎43	24♍28	29♐44	1♏22	4♓48	0♏48	2♑ 3	9♓ 4	10♊39	12♊ 0	2♏21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n12	21n51	4n15	9s42	2s24	8s30	7s20	23s46	1s54	8s58	0n48	11s50	2s45	10s59	0n21	23s40	0n 9	24s18	17s37	22n46	22n48	7s56		n.a.
S 2	0 47	18 21	4 44	10 15	2 28	8 10	7 13	23 53	1 54	9 3	0 48	11 52	2 45	11 0	0 21	23 40	0 9	24 18	17 37	22 45	22 48	7 58		n.a.
S 3	0 23	14 7	4 59	10 46	2 32	7 49	7 5	24 0	1 53	9 8	0 48	11 53	2 45	11 1	0 21	23 40	0 9	24 18	17 36	22 43	22 47	8 1		n.a.
M 4	0s 1	9 21	4 59	11 16	2 35	7 26	6 57	24 6	1 53	9 13	0 48	11 55	2 45	11 2	0 21	23 40	0 9	24 19	17 36	22 42	22 47	8 4		n.a.
T 5	0 26	4 16	4 47	11 44	2 38	7 3	6 47	24 13	1 53	9 18	0 48	11 56	2 45	11 4	0 21	23 40	0 9	24 19	17 36	22 40	22 47	8 7		n.a.
W 6	0 50	0s55	4 21	12 11	2 40	6 39	6 37	24 19	1 52	9 23	0 48	11 58	2 45	11 5	0 21	23 40	0 9	24 19	17 36	22 38	22 46	8 10		n.a.
T 7	1 15	6 2	3 45	12 36	2 42	6 15	6 26	24 25	1 52	9 28	0 48	11 59	2 44	11 6	0 21	23 40	0 9	24 20	17 36	22 36	22 46	8 13		n.a.
F 8	1 39	10 55	2 58	12 59	2 43	5 50	6 15	24 30	1 51	9 33	0 47	12 1	2 44	11 7	0 21	23 40	0 9	24 20	17 36	22 35	22 45	8 16		n.a.
S 9	2 4	15 25	2 4	13 20	2 43	5 24	6 2	24 36	1 51	9 38	0 47	12 2	2 44	11 9	0 21	23 40	0 9	24 20	17 36	22 35	22 45	8 19		n.a.
S 10	2 28	19 20	1 5	13 38	2 42	4 59	5 50	24 41	1 51	9 43	0 47	12 3	2 44	11 10	0 21	23 41	0 9	24 20	17 35	22 34	22 45	8 22		n.a.
M11	2 53	22 29	0 2	13 54	2 41	4 33	5 36	24 46	1 50	9 48	0 47	12 5	2 44	11 11	0 21	23 41	0 9	24 21	17 35	22 34	22 44	8 25		n.a.
T 12	3 17	24 42	1s 2	14 7	2 39	4 7	5 22	24 50	1 50	9 53	0 47	12 6	2 44	11 12	0 21	23 41	0 9	24 21	17 35	22 34	22 44	8 28		n.a.
W13	3 41	25 47	2 5	14 17	2 35	3 42	5 8	24 55	1 49	9 57	0 47	12 7	2 44	11 14	0 21	23 41	0 9	24 21	17 35	22 34	22 43	8 31		n.a.
T 14	4 6	25 33	3 3	14 24	2 31	3 17	4 54	24 59	1 49	10 2	0 47	12 8	2 43	11 15	0 21	23 41	0 9	24 21	17 35	22 34	22 43	8 34		n.a.
F 15	4 30	23 56	3 54	14 26	2 25	2 52	4 39	25 3	1 48	10 7	0 47	12 9	2 43	11 16	0 21	23 41	0 8	24 21	17 34	22 34	22 43	8 37		n.a.
S 16	4 54	20 55	4 33	14 25	2 18	2 28	4 24	25 6	1 48	10 12	0 46	12 11	2 43	11 17	0 21	23 41	0 8	24 22	17 34	22 33	22 42	8 40		n.a.
S 17	5 18	16 35	4 58	14 19	2 9	2 4	4 8	25 10	1 47	10 17	0 46	12 12	2 43	11 19	0 21	23 41	0 8	24 22	17 34	22 32	22 42	8 43		n.a.
M18	5 42	11 11	5 5	14 8	1 59	1 42	3 53	25 13	1 47	10 22	0 46	12 13	2 43	11 20	0 21	23 41	0 8	24 22	17 34	22 31	22 41	8 46		n.a.
T 19	6 6	4 59	4 51	13 52	1 48	1 20	3 38	25 16	1 46	10 27	0 46	12 14	2 43	11 21	0 21	23 41	0 8	24 22	17 34	22 30	22 41	8 49		n.a.
W20	6 30	1n37	4 17	13 31	1 34	0 59	3 22	25 18	1 46	10 32	0 46	12 15	2 42	11 23	0 21	23 41	0 8	24 22	17 33	22 29	22 41	8 52		n.a.
T 21	6 54	8 10	3 25	13 4	1 19	0 40	3 7	25 21	1 45	10 37	0 46	12 16	2 42	11 24	0 21	23 41	0 8	24 22	17 33	22 28	22 40	8 55		n.a.
F 22	7 17	14 13	2 18	12 32	1 2	0 21	2 52	25 23	1 44	10 42	0 46	12 17	2 42	11 25	0 21	23 41	0 8	24 23	17 33	22 27	22 40	8 58		n.a.
S 23	7 41	19 19	1 2	11 55	0 44	0 4	2 37	25 24	1 44	10 47	0 46	12 17	2 42	11 27	0 21	23 41	0 8	24 23	17 33	22 26	22 39	9 1		n.a.
S 24	8 4	23 6	0n16	11 13	0 25	0n12	2 22	25 26	1 43	10 52	0 46	12 18	2 42	11 28	0 21	23 41	0 8	24 23	17 32	22 26	22 39	9 4		n.a.
M25	8 27	25 20	1 31	10 27	0 5	0 27	2 8	25 27	1 43	10 57	0 45	12 19	2 41	11 29	0 21	23 41	0 8	24 23	17 32	22 27	22 38	9 7		n.a.
T 26	8 51	25 56	2 38	9 39	0n16	0 41	1 53	25 28	1 42	11 2	0 45	12 20	2 41	11 30	0 21	23 41	0 8	24 23	17 32	22 27	22 38	9 10		n.a.
W27	9 14	25 0	3 35	8 49	0 37	0 54	1 39	25 29	1 42	11 7	0 45	12 20	2 41	11 32	0 21	23 41	0 8	24 23	17 32	22 27	22 38	9 12		n.a.
T 28	9 36	22 45	4 19	8 0	0 57	1 5	1 25	25 29	1 41	11 12	0 45	12 21	2 41	11 33	0 21	23 41	0 8	24 23	17 31	22 27	22 37	9 15		n.a.
F 29	9 59	19 26	4 50	7 12	1 16	1 15	1 12	25 29	1 40	11 17	0 45	12 22	2 41	11 34	0 21	23 41	0 8	24 23	17 31	22 26	22 37	9 18		n.a.
S 30	10 22	15 19	5 6	6 27	1 33	1 24	0 59	25 29	1 40	11 22	0 45	12 22	2 40	11 36	0 21	23 41	0 8	24 23	17 31	22 25	22 36	9 21		n.a.
S 31	10s44	10n39	5n 8	5s46	1n49	1n31	0s46	25s29	1s39	11s26	0n45	12s23	2s40	11s37	0n21	23s41	0n 8	24s23	17s30	22n24	22n36	9s24		n.a.

Julian Day Number = 1310424.5, Delta T = 07h42m06s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'29, Lahiri = -19°29'29 Julian Calendar 1 Oct. 1126 BCE == Greg. Calendar 20 Sept. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

NOVEMBER 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 56 50	28♎28'35	27♍14	17°R44	24♍41	0♑30	1♏36	4°R47	0♏52	2♑ 4	9°R 3	10°R30	11♊57	2♏28	n.a.	M 1
T 2	2 0 47	29°29'46	9♎11	16♎56	24°55	1°15	1°49	4♓45	0°55	2° 5	9♓ 2	10♊22	11°54	2°35	n.a.	T 2
W 3	2 4 43	0♏30'58	21° 4	16°19	25°12	2° 0	2° 3	4°43	0°59	2° 7	9° 2	10°14	11°51	2°41	n.a.	W 3
T 4	2 8 40	1°32'11	2♏54	15°53	25°31	2°45	2°17	4°42	1° 3	2° 8	9° 1	10° 7	11°48	2°48	n.a.	T 4
F 5	2 12 36	2°33'24	14°42	15°39	25°52	3°31	2°30	4°40	1° 6	2° 9	9° 0	10° 2	11°44	2°55	n.a.	F 5
S 6	2 16 33	3°34'39	26°32	15°D35	26°14	4°16	2°44	4°39	1°10	2°11	9° 0	9°59	11°41	3° 1	n.a.	S 6
S 7	2 20 29	4°35'53	8♐24	15°41	26°39	5° 1	2°58	4°37	1°14	2°12	8°59	9°D58	11°38	3° 8	n.a.	S 7
M 8	2 24 26	5°37'09	20°22	15°57	27° 5	5°47	3°12	4°36	1°17	2°14	8°59	9°59	11°35	3°15	n.a.	M 8
T 9	2 28 22	6°38'24	2♑30	16°21	27°33	6°32	3°25	4°35	1°21	2°15	8°58	10° 0	11°32	3°21	n.a.	T 9
W10	2 32 19	7°39'41	14°50	16°52	28° 2	7°17	3°39	4°34	1°25	2°16	8°58	10° 2	11°29	3°28	n.a.	W10
T 11	2 36 16	8°40'57	27°28	17°31	28°34	8° 2	3°53	4°34	1°28	2°18	8°57	10° 4	11°25	3°35	n.a.	T 11
F 12	2 40 12	9°42'13	10♒27	18°15	29° 6	8°48	4° 6	4°33	1°32	2°20	8°57	10°R 4	11°22	3°42	n.a.	F 12
S 13	2 44 9	10°43'30	23°51	19° 5	29°40	9°33	4°20	4°32	1°36	2°21	8°56	10° 3	11°19	3°48	n.a.	S 13
S 14	2 48 5	11°44'46	7♓42	20° 0	0♎16	10°18	4°34	4°32	1°39	2°23	8°56	10° 1	11°16	3°55	n.a.	S 14
M15	2 52 2	12°46'02	22° 1	20°59	0°53	11° 4	4°47	4°32	1°43	2°24	8°55	9°58	11°13	4° 2	n.a.	M15
T 16	2 55 58	13°47'19	6♈45	22° 1	1°31	11°49	5° 1	4°31	1°47	2°26	8°55	9°54	11° 9	4° 8	n.a.	T 16
W17	2 59 55	14°48'35	21°48	23° 7	2°11	12°34	5°14	4°D31	1°50	2°28	8°54	9°51	11° 6	4°15	n.a.	W17
T 18	3 3 52	15°49'52	7♉ 2	24°15	2°51	13°19	5°28	4°31	1°54	2°29	8°54	9°47	11° 3	4°22	n.a.	T 18
F 19	3 7 48	16°51'09	22°17	25°26	3°33	14° 5	5°42	4°31	1°57	2°31	8°54	9°45	11° 0	4°28	n.a.	F 19
S 20	3 11 45	17°52'26	7♊22	26°40	4°17	14°50	5°55	4°32	2° 1	2°33	8°53	9°D45	10°57	4°35	n.a.	S 20
S 21	3 15 41	18°53'43	22°10	27°55	5° 1	15°35	6° 9	4°32	2° 5	2°34	8°53	9°45	10°54	4°42	n.a.	S 21
M22	3 19 38	19°55'00	6♋33	29°12	5°46	16°20	6°22	4°32	2° 8	2°36	8°53	9°46	10°50	4°48	n.a.	M22
T 23	3 23 34	20°56'18	20°29	0♏31	6°32	17° 6	6°36	4°33	2°12	2°38	8°53	9°48	10°47	4°55	n.a.	T 23
W24	3 27 31	21°57'36	3♌57	1°50	7°19	17°51	6°49	4°34	2°15	2°40	8°52	9°49	10°44	5° 2	n.a.	W24
T 25	3 31 27	22°58'54	17° 0	3°12	8° 7	18°36	7° 3	4°34	2°19	2°42	8°52	9°50	10°41	5° 8	n.a.	T 25
F 26	3 35 24	24° 0'12	29°41	4°34	8°56	19°21	7°16	4°35	2°22	2°44	8°52	9°R50	10°38	5°15	n.a.	F 26
S 27	3 39 21	25° 1'30	12♍ 3	5°57	9°46	20° 6	7°30	4°36	2°26	2°45	8°52	9°49	10°35	5°22	n.a.	S 27
S 28	3 43 17	26° 2'48	24°11	7°21	10°37	20°52	7°43	4°38	2°29	2°47	8°52	9°47	10°31	5°28	n.a.	S 28
M29	3 47 14	27° 4'06	6♎ 9	8°46	11°28	21°37	7°56	4°39	2°33	2°49	8°51	9°46	10°28	5°35	n.a.	M29
T 30	3 51 10	28♏ 5'24	18♎ 1	10♏12	12♎21	22♑22	8♏10	4♓40	2♏36	2♑51	8♓51	9♊44	10♊25	5♏42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 6	5n38	4n56	5s11	2n 3	1n38	0s34	25s28	1s39	11s31	0n45	12s23	2s40	11s38	0n21	23s41	0n 8	24s23	17s30	22n23	22n35	9s27		n.a.
T 2	11 28	0 27	4 31	4 42	2 14	1 43	0 22	25 27	1 38	11 36	0 45	12 24	2 40	11 40	0 21	23 41	0 8	24 23	17 30	22 22	22 35	9 30		n.a.
W 3	11 50	4s44	3 54	4 18	2 24	1 47	0 10	25 26	1 37	11 41	0 45	12 24	2 39	11 41	0 21	23 41	0 8	24 23	17 30	22 21	22 35	9 33		n.a.
T 4	12 12	9 44	3 8	4 1	2 32	1 50	0n 1	25 25	1 37	11 46	0 45	12 25	2 39	11 42	0 21	23 41	0 8	24 23	17 29	22 20	22 34	9 36		n.a.
F 5	12 33	14 23	2 13	3 51	2 37	1 51	0 12	25 23	1 36	11 51	0 44	12 25	2 39	11 44	0 21	23 41	0 8	24 23	17 29	22 19	22 34	9 39		n.a.
S 6	12 55	18 31	1 13	3 46	2 41	1 52	0 23	25 21	1 35	11 56	0 44	12 25	2 39	11 45	0 21	23 41	0 8	24 23	17 29	22 19	22 33	9 42		n.a.
S 7	13 16	21 55	0 9	3 46	2 43	1 51	0 33	25 19	1 35	12 0	0 44	12 25	2 39	11 46	0 21	23 41	0 8	24 23	17 28	22 18	22 33	9 45		n.a.
M 8	13 37	24 25	0s57	3 51	2 44	1 50	0 43	25 16	1 34	12 5	0 44	12 26	2 38	11 47	0 21	23 41	0 8	24 23	17 28	22 19	22 32	9 48		n.a.
T 9	13 57	25 49	2 0	4 1	2 44	1 47	0 52	25 13	1 33	12 10	0 44	12 26	2 38	11 49	0 21	23 41	0 8	24 23	17 28	22 19	22 32	9 51		n.a.
W10	14 17	25 58	2 59	4 15	2 42	1 44	1 1	25 10	1 33	12 15	0 44	12 26	2 38	11 50	0 21	23 41	0 8	24 23	17 27	22 19	22 31	9 54		n.a.
T 11	14 38	24 47	3 51	4 32	2 39	1 39	1 10	25 7	1 32	12 20	0 44	12 26	2 38	11 51	0 21	23 41	0 8	24 23	17 27	22 19	22 31	9 57		n.a.
F 12	14 57	22 17	4 33	4 52	2 36	1 34	1 19	25 3	1 31	12 24	0 44	12 26	2 37	11 53	0 21	23 41	0 8	24 23	17 27	22 19	22 31	10 0		n.a.
S 13	15 17	18 31	5 2	5 16	2 32	1 27	1 27	24 59	1 31	12 29	0 44	12 26	2 37	11 54	0 21	23 41	0 8	24 22	17 26	22 19	22 30	10 2		n.a.
S 14	15 36	13 39	5 14	5 41	2 27	1 20	1 34	24 55	1 30	12 34	0 44	12 26	2 37	11 55	0 21	23 40	0 8	24 22	17 26	22 19	22 30	10 5		n.a.
M15	15 55	7 54	5 7	6 8	2 21	1 12	1 42	24 51	1 29	12 39	0 44	12 26	2 37	11 57	0 21	23 40	0 8	24 22	17 26	22 18	22 29	10 8		n.a.
T 16	16 14	1 34	4 40	6 37	2 16	1 3	1 49	24 46	1 29	12 43	0 44	12 26	2 36	11 58	0 21	23 40	0 8	24 22	17 25	22 18	22 29	10 11		n.a.
W17	16 33	5n 1	3 54	7 8	2 9	0 53	1 56	24 41	1 28	12 48	0 44	12 25	2 36	11 59	0 21	23 40	0 8	24 22	17 25	22 17	22 28	10 14		n.a.
T 18	16 51	11 24	2 51	7 39	2 3	0 43	2 2	24 36	1 27	12 53	0 43	12 25	2 36	12 0	0 21	23 40	0 8	24 22	17 25	22 17	22 28	10 17		n.a.
F 19	17 9	17 7	1 35	8 12	1 56	0 31	2 8	24 30	1 27	12 57	0 43	12 25	2 36	12 2	0 21	23 40	0 8	24 22	17 24	22 17	22 27	10 20		n.a.
S 20	17 26	21 41	0 13	8 45	1 49	0 19	2 14	24 25	1 26	13 2	0 43	12 25	2 35	12 3	0 21	23 40	0 8	24 21	17 24	22 16	22 27	10 23		n.a.
S 21	17 43	24 44	1n 8	9 19	1 42	0 7	2 20	24 19	1 25	13 6	0 43	12 24	2 35	12 4	0 21	23 40	0 8	24 21	17 24	22 16	22 27	10 26		n.a.
M22	18 0	26 2	2 23	9 54	1 35	0s 7	2 25	24 12	1 24	13 11	0 43	12 24	2 35	12 5	0 21	23 40	0 8	24 21	17 23	22 17	22 26	10 29		n.a.
T 23	18 17	25 38	3 27	10 29	1 27	0 21	2 30	24 6	1 24	13 16	0 43	12 23	2 35	12 7	0 21	23 40	0 8	24 21	17 23	22 17	22 26	10 32		n.a.
W24	18 33	23 44	4 17	11 4	1 20	0 35	2 35	23 59	1 23	13 20	0 43	12 23	2 34	12 8	0 21	23 40	0 8	24 20	17 23	22 17	22 25	10 35		n.a.
T 25	18 49	20 37	4 52	11 39	1 12	0 50	2 39	23 52	1 22	13 25	0 43	12 22	2 34	12 9	0 21	23 40	0 8	24 20	17 22	22 17	22 25	10 38		n.a.
F 26	19 5	16 37	5 11	12 14	1 5	1 6	2 44	23 45	1 21	13 29	0 43	12 22	2 34	12 10	0 21	23 40	0 8	24 20	17 22	22 17	22 24	10 40		n.a.
S 27	19 20	12 0	5 16	12 50	0 57	1 22	2 48	23 38	1 21	13 34	0 43	12 21	2 33	12 12	0 21	23 40	0 8	24 20	17 21	22 17	22 24	10 43		n.a.
S 28	19 35	7 1	5 7	13 25	0 49	1 39	2 51	23 30	1 20	13 38	0 43	12 20	2 33	12 13	0 21	23 40	0 8	24 19	17 21	22 17	22 23	10 46		n.a.
M29	19 49	1 51	4 44	14 0	0 42	1 56	2 55	23 22	1 19	13 43	0 43	12 20	2 33	12 14	0 21	23 40	0 8	24 19	17 21	22 17	22 23	10 49		n.a.
T 30	20s 3	3s21	4n 9	14s34	0n34	2s14	2n58	23s14	1s19	13s47	0n43	12s19	2s33	12s15	0n21	23s40	0n 8	24s19	17s20	22n16	22n22	10s52		n.a.

Julian Day Number = 1310455.5, Delta T = 07h42m04s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'25, Lahiri = -19°29'25 Julian Calendar 1 Nov. 1126 BCE == Greg. Calendar 21 Oct. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1126 BCE
geocentric

DECEMBER 1126 BCE (-1125) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 55 7	29♏ 6'42	29♎49	11♏38	13♎14	23♑ 7	8♏23	4♓42	2♏40	2♑53	8°R51	9°R42	10♊22	5♏48	n.a.	W 1
T 2	3 59 3	0♐ 8'00	11♏38	13° 6	14° 7	23°52	8°36	4°43	2°43	2°55	8♓51	9♊41	10°19	5°55	n.a.	T 2
F 3	4 3 0	1° 9'17	23°29	14°33	15° 1	24°37	8°49	4°45	2°46	2°57	8°51	9°40	10°15	6° 2	n.a.	F 3
S 4	4 6 57	2°10'34	5♐24	16° 2	15°56	25°22	9° 3	4°47	2°50	2°59	8°D51	9°D39	10°12	6° 8	n.a.	S 4
S 5	4 10 53	3°11'51	17°26	17°31	16°52	26° 7	9°16	4°49	2°53	3° 1	8°51	9°39	10° 9	6°15	n.a.	S 5
M 6	4 14 50	4°13'07	29°35	19° 0	17°48	26°52	9°29	4°51	2°56	3° 3	8°51	9°40	10° 6	6°22	n.a.	M 6
T 7	4 18 46	5°14'22	11♑55	20°30	18°45	27°37	9°42	4°53	3° 0	3° 5	8°51	9°40	10° 3	6°28	n.a.	T 7
W 8	4 22 43	6°15'36	24°26	22° 1	19°42	28°22	9°55	4°55	3° 3	3° 7	8°51	9°41	10° 0	6°35	n.a.	W 8
T 9	4 26 39	7°16'50	7♒12	23°32	20°40	29° 7	10° 8	4°57	3° 6	3° 9	8°51	9°41	9°56	6°42	n.a.	T 9
F 10	4 30 36	8°18'02	20°14	25° 4	21°38	29°52	10°21	5° 0	3° 9	3°11	8°52	9°41	9°53	6°48	n.a.	F 10
S 11	4 34 32	9°19'14	3♓36	26°36	22°37	0♒37	10°34	5° 2	3°12	3°14	8°52	9°41	9°50	6°55	n.a.	S 11
S 12	4 38 29	10°20'24	17°17	28° 9	23°36	1°22	10°47	5° 5	3°16	3°16	8°52	9°41	9°47	7° 2	n.a.	S 12
M13	4 42 26	11°21'34	1♈20	29°42	24°35	2° 7	10°59	5° 8	3°19	3°18	8°52	9°41	9°44	7° 8	n.a.	M13
T 14	4 46 22	12°22'42	15°43	1♐16	25°36	2°52	11°12	5°11	3°22	3°20	8°52	9°41	9°41	7°15	n.a.	T 14
W15	4 50 19	13°23'49	0♉24	2°50	26°36	3°36	11°25	5°14	3°25	3°22	8°53	9°42	9°37	7°22	n.a.	W15
T 16	4 54 15	14°24'54	15°16	4°25	27°37	4°21	11°37	5°17	3°28	3°24	8°53	9°42	9°34	7°28	n.a.	T 16
F 17	4 58 12	15°25'59	0♊14	6° 0	28°38	5° 6	11°50	5°20	3°31	3°27	8°53	9°42	9°31	7°35	n.a.	F 17
S 18	5 2 8	16°27'03	15°10	7°36	29°40	5°51	12° 2	5°23	3°34	3°29	8°53	9°R43	9°28	7°42	n.a.	S 18
S 19	5 6 5	17°28'06	29°55	9°13	0♏42	6°35	12°15	5°27	3°37	3°31	8°54	9°42	9°25	7°48	n.a.	S 19
M20	5 10 2	18°29'07	14♋22	10°50	1°44	7°20	12°27	5°30	3°40	3°33	8°54	9°41	9°21	7°55	n.a.	M20
T 21	5 13 58	19°30'08	28°25	12°28	2°47	8° 4	12°40	5°34	3°42	3°35	8°55	9°40	9°18	8° 2	n.a.	T 21
W22	5 17 55	20°31'08	12♌ 3	14° 7	3°50	8°49	12°52	5°37	3°45	3°38	8°55	9°39	9°15	8° 8	n.a.	W22
T 23	5 21 51	21°32'07	25°15	15°46	4°53	9°34	13° 4	5°41	3°48	3°40	8°55	9°37	9°12	8°15	n.a.	T 23
F 24	5 25 48	22°33'05	8♍ 3	17°26	5°57	10°18	13°16	5°45	3°51	3°42	8°56	9°36	9° 9	8°22	n.a.	F 24
S 25	5 29 44	23°34'01	20°29	19° 7	7° 1	11° 3	13°28	5°49	3°54	3°44	8°56	9°D36	9° 6	8°28	n.a.	S 25
S 26	5 33 41	24°34'57	2♎39	20°48	8° 5	11°47	13°40	5°53	3°56	3°47	8°57	9°36	9° 2	8°35	n.a.	S 26
M27	5 37 37	25°35'52	14°37	22°30	9°10	12°31	13°52	5°57	3°59	3°49	8°57	9°37	8°59	8°42	n.a.	M27
T 28	5 41 34	26°36'45	26°27	24°13	10°15	13°16	14° 4	6° 1	4° 1	3°51	8°58	9°38	8°56	8°48	n.a.	T 28
W29	5 45 31	27°37'38	8♏15	25°56	11°20	14° 0	14°16	6° 6	4° 4	3°53	8°58	9°40	8°53	8°55	n.a.	W29
T 30	5 49 27	28°38'29	20° 4	27°41	12°25	14°45	14°27	6°10	4° 7	3°56	8°59	9°41	8°50	9° 2	n.a.	T 30
F 31	5 53 24	29♐39'19	1♐58	29♐26	13♏31	15♒29	14♏39	6♓15	4♏ 9	3♑58	8♓59	9♊42	8♊47	9♏ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20s17	8s25	3n23	15s 9	0n27	2s32	3n 1	23s 5	1s18	13s51	0n43	12s18	2s32	12s16	0n21	23s40	0n 8	24s19	17s20	22n16	22n22	10s55			n.a.
T 2	20 31	13 12	2 29	15 43	0 19	2 51	3 4	22 57	1 17	13 56	0 43	12 17	2 32	12 18	0 21	23 40	0 8	24 18	17 20	22 16	22 21	10 58			n.a.
F 3	20 43	17 31	1 29	16 17	0 12	3 9	3 6	22 48	1 16	14 0	0 43	12 16	2 32	12 19	0 21	23 40	0 8	24 18	17 19	22 16	22 21	11 1			n.a.
S 4	20 56	21 10	0 24	16 50	0 5	3 29	3 8	22 39	1 16	14 4	0 43	12 16	2 32	12 20	0 21	23 40	0 8	24 18	17 19	22 16	22 21	11 4			n.a.
S 5	21 8	23 56	0s43	17 22	0s 2	3 48	3 11	22 30	1 15	14 9	0 43	12 15	2 31	12 21	0 21	23 40	0 8	24 17	17 19	22 16	22 20	11 7			n.a.
M 6	21 20	25 38	1 49	17 54	0 9	4 8	3 12	22 20	1 14	14 13	0 42	12 14	2 31	12 22	0 21	23 40	0 8	24 17	17 18	22 16	22 20	11 10			n.a.
T 7	21 31	26 6	2 50	18 26	0 16	4 28	3 14	22 10	1 13	14 17	0 42	12 13	2 31	12 23	0 21	23 40	0 8	24 17	17 18	22 16	22 19	11 12			n.a.
W 8	21 42	25 15	3 44	18 56	0 23	4 49	3 16	22 0	1 13	14 21	0 42	12 12	2 31	12 24	0 21	23 40	0 8	24 16	17 17	22 16	22 19	11 15			n.a.
T 9	21 53	23 5	4 28	19 26	0 30	5 10	3 17	21 50	1 12	14 26	0 42	12 10	2 30	12 26	0 21	23 40	0 8	24 16	17 17	22 16	22 18	11 18			n.a.
F 10	22 3	19 42	5 0	19 56	0 36	5 31	3 18	21 40	1 11	14 30	0 42	12 9	2 30	12 27	0 21	23 40	0 8	24 15	17 17	22 16	22 18	11 21			n.a.
S 11	22 13	15 14	5 16	20 24	0 43	5 52	3 19	21 29	1 10	14 34	0 42	12 8	2 30	12 28	0 21	23 40	0 8	24 15	17 16	22 16	22 17	11 24			n.a.
S 12	22 22	9 55	5 15	20 52	0 49	6 13	3 20	21 19	1 9	14 38	0 42	12 7	2 30	12 29	0 21	23 40	0 8	24 15	17 16	22 16	22 17	11 27			n.a.
M13	22 31	3 58	4 56	21 18	0 55	6 35	3 20	21 8	1 9	14 42	0 42	12 6	2 29	12 30	0 21	23 40	0 8	24 14	17 16	22 16	22 16	11 30			n.a.
T 14	22 39	2n20	4 17	21 44	1 1	6 57	3 20	20 56	1 8	14 46	0 42	12 4	2 29	12 31	0 21	23 40	0 8	24 14	17 15	22 16	22 16	11 33			n.a.
W15	22 47	8 39	3 22	22 9	1 6	7 19	3 21	20 45	1 7	14 50	0 42	12 3	2 29	12 32	0 21	23 40	0 8	24 13	17 15	22 16	22 15	11 36			n.a.
T 16	22 54	14 35	2 12	22 33	1 12	7 41	3 21	20 34	1 6	14 54	0 42	12 2	2 29	12 33	0 21	23 40	0 8	24 13	17 14	22 16	22 15	11 39			n.a.
F 17	23 1	19 41	0 52	22 55	1 17	8 3	3 21	20 22	1 6	14 58	0 42	12 0	2 28	12 34	0 21	23 40	0 7	24 12	17 14	22 16	22 14	11 41			n.a.
S 18	23 8	23 29	0n30	23 17	1 22	8 25	3 20	20 10	1 5	15 2	0 42	11 59	2 28	12 35	0 21	23 40	0 7	24 12	17 14	22 16	22 14	11 44			n.a.
S 19	23 14	25 40	1 50	23 37	1 27	8 47	3 20	19 58	1 4	15 6	0 42	11 57	2 28	12 36	0 21	23 39	0 7	24 11	17 13	22 16	22 13	11 47			n.a.
M20	23 19	26 2	3 1	23 56	1 31	9 10	3 19	19 45	1 3	15 10	0 42	11 56	2 28	12 37	0 21	23 39	0 7	24 11	17 13	22 16	22 13	11 50			n.a.
T 21	23 24	24 42	3 59	24 14	1 35	9 32	3 19	19 33	1 3	15 13	0 42	11 54	2 27	12 38	0 21	23 39	0 7	24 11	17 13	22 16	22 12	11 53			n.a.
W22	23 29	21 57	4 41	24 30	1 39	9 54	3 18	19 20	1 2	15 17	0 42	11 52	2 27	12 39	0 21	23 39	0 7	24 10	17 12	22 16	22 12	11 56			n.a.
T 23	23 33	18 7	5 7	24 46	1 43	10 17	3 17	19 8	1 1	15 21	0 42	11 51	2 27	12 40	0 21	23 39	0 7	24 10	17 12	22 15	22 11	11 59			n.a.
F 24	23 37	13 34	5 17	24 59	1 46	10 39	3 16	18 55	1 0	15 25	0 42	11 49	2 27	12 41	0 21	23 39	0 7	24 9	17 12	22 15	22 11	12 2			n.a.
S 25	23 40	8 35	5 11	25 11	1 49	11 1	3 14	18 42	0 59	15 28	0 42	11 47	2 27	12 42	0 21	23 39	0 7	24 9	17 11	22 15	22 10	12 4			n.a.
S 26	23 43	3 23	4 52	25 22	1 52	11 24	3 13	18 28	0 59	15 32	0 42	11 46	2 26	12 43	0 21	23 39	0 7	24 8	17 11	22 15	22 10	12 7			n.a.
M27	23 45	1s52	4 20	25 31	1 54	11 46	3 11	18 15	0 58	15 36	0 42	11 44	2 26	12 44	0 21	23 39	0 7	24 8	17 10	22 15	22 9	12 10			n.a.
T 28	23 47	7 0	3 37	25 38	1 56	12 8	3 10	18 1	0 57	15 39	0 42	11 42	2 26	12 45	0 21	23 39	0 7	24 7	17 10	22 15	22 9	12 13			n.a.
W29	23 48	11 53	2 45	25 44	1 58	12 30	3 8	17 48	0 56	15 43	0 42	11 40	2 26	12 45	0 21	23 39	0 7	24 6	17 10	22 16	22 8	12 16			n.a.
T 30	23 49	16 20	1 47	25 48	1 59	12 52	3 6	17 34	0 56	15 46	0 42	11 39	2 25	12 46	0 21	23 39	0 7	24 6	17 9	22 16	22 8	12 19			n.a.
F 31	23s50	20s12	0n43	25s49	2s 0	13s13	3n 4	17s20	0s55	15s50	0n42	11s37	2s25	12s47	0n21	23s39	0n 7	24s 5	17s 9	22n16	22n 7	12s22			n.a.

Julian Day Number = 1310485.5, Delta T = 07h42m03s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'21, Lahiri = -19°29'21 Julian Calendar 1 Dec. 1126 BCE == Greg. Calendar 20 Nov. 1126 BCE

The year -1125 astronomical counting style corresponds to year 1126 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

JANUARY 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 20	0♉40'08	14♐ 1	1♉12	14♏36	16♒13	14♏51	6♓19	4♏11	4♉ 0	9♓ 0	9°R42	8♊43	9♏15	n.a.	S 1
S 2	6 1 17	1°40'56	26°14	2°58	15°42	16°57	15° 2	6°24	4°14	4° 2	9° 1	9♊42	8°40	9°22	n.a.	S 2
M 3	6 5 13	2°41'41	8♉40	4°45	16°48	17°42	15°13	6°29	4°16	4° 5	9° 1	9°39	8°37	9°28	n.a.	M 3
T 4	6 9 10	3°42'26	21°18	6°33	17°55	18°26	15°25	6°33	4°19	4° 7	9° 2	9°36	8°34	9°35	n.a.	T 4
W 5	6 13 6	4°43'08	4♒ 9	8°22	19° 1	19°10	15°36	6°38	4°21	4° 9	9° 3	9°32	8°31	9°42	n.a.	W 5
T 6	6 17 3	5°43'49	17°14	10°11	20° 8	19°54	15°47	6°43	4°23	4°12	9° 3	9°28	8°27	9°48	n.a.	T 6
F 7	6 21 0	6°44'28	0♓33	12° 1	21°15	20°38	15°58	6°48	4°25	4°14	9° 4	9°24	8°24	9°55	n.a.	F 7
S 8	6 24 56	7°45'05	14° 4	13°51	22°22	21°22	16° 9	6°54	4°27	4°16	9° 5	9°21	8°21	10° 2	n.a.	S 8
S 9	6 28 53	8°45'40	27°48	15°42	23°29	22° 6	16°20	6°59	4°29	4°18	9° 6	9°19	8°18	10° 8	n.a.	S 9
M10	6 32 49	9°46'13	11♈44	17°33	24°37	22°50	16°31	7° 4	4°32	4°21	9° 7	9°D18	8°15	10°15	n.a.	M10
T 11	6 36 46	10°46'44	25°52	19°24	25°44	23°34	16°41	7°10	4°34	4°23	9° 7	9°19	8°12	10°22	n.a.	T 11
W12	6 40 42	11°47'13	10♉10	21°15	26°52	24°18	16°52	7°15	4°36	4°25	9° 8	9°21	8° 8	10°28	n.a.	W12
T 13	6 44 39	12°47'40	24°36	23° 5	28° 0	25° 2	17° 2	7°21	4°37	4°27	9° 9	9°22	8° 5	10°35	n.a.	T 13
F 14	6 48 35	13°48'05	9♊ 7	24°55	29° 8	25°45	17°13	7°26	4°39	4°30	9°10	9°R23	8° 2	10°42	n.a.	F 14
S 15	6 52 32	14°48'28	23°38	26°45	0♐16	26°29	17°23	7°32	4°41	4°32	9°11	9°22	7°59	10°48	n.a.	S 15
S 16	6 56 29	15°48'49	8♋ 3	28°33	1°24	27°13	17°33	7°38	4°43	4°34	9°12	9°19	7°56	10°55	n.a.	S 16
M17	7 0 25	16°49'08	22°16	0♒20	2°32	27°56	17°43	7°43	4°45	4°36	9°13	9°15	7°53	11° 2	n.a.	M17
T 18	7 4 22	17°49'25	6♌13	2° 5	3°41	28°40	17°53	7°49	4°46	4°39	9°14	9° 9	7°49	11° 8	n.a.	T 18
W19	7 8 18	18°49'41	19°49	3°48	4°49	29°24	18° 3	7°55	4°48	4°41	9°15	9° 2	7°46	11°15	n.a.	W19
T 20	7 12 15	19°49'54	3♍ 3	5°28	5°58	0♓ 7	18°13	8° 1	4°50	4°43	9°15	8°55	7°43	11°22	n.a.	T 20
F 21	7 16 11	20°50'06	15°54	7° 4	7° 7	0°51	18°22	8° 7	4°51	4°45	9°16	8°49	7°40	11°28	n.a.	F 21
S 22	7 20 8	21°50'16	28°25	8°37	8°16	1°34	18°32	8°14	4°53	4°48	9°17	8°45	7°37	11°35	n.a.	S 22
S 23	7 24 4	22°50'24	10♎37	10° 5	9°25	2°17	18°41	8°20	4°54	4°50	9°18	8°42	7°33	11°42	n.a.	S 23
M24	7 28 1	23°50'30	22°37	11°28	10°34	3° 1	18°50	8°26	4°55	4°52	9°20	8°D41	7°30	11°48	n.a.	M24
T 25	7 31 58	24°50'35	4♏28	12°45	11°44	3°44	19° 0	8°32	4°57	4°54	9°21	8°41	7°27	11°55	n.a.	T 25
W26	7 35 54	25°50'38	16°16	13°56	12°53	4°27	19° 9	8°39	4°58	4°56	9°22	8°43	7°24	12° 2	n.a.	W26
T 27	7 39 51	26°50'39	28° 7	15° 0	14° 2	5°11	19°17	8°45	4°59	4°58	9°23	8°44	7°21	12° 8	n.a.	T 27
F 28	7 43 47	27°50'38	10♐ 4	15°57	15°12	5°54	19°26	8°52	5° 0	5° 1	9°24	8°R45	7°18	12°15	n.a.	F 28
S 29	7 47 44	28°50'36	22°13	16°46	16°22	6°37	19°35	8°58	5° 2	5° 3	9°25	8°44	7°14	12°22	n.a.	S 29
S 30	7 51 40	29°50'32	4♉37	17°27	17°31	7°20	19°43	9° 5	5° 3	5° 5	9°26	8°40	7°11	12°28	n.a.	S 30
M31	7 55 37	0♒50'25	17♉17	18♒ 0	18♐41	8♓ 3	19♏52	9♓11	5♏ 4	5♉ 7	9♓27	8♊35	7♊ 8	12♏35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	23s15	0s24	25s50	2s 0	13s35	3n 2	17s 5	0s54	15s53	0n42	11s35	2s25	12s48	0n21	23s39	0n 7	24s 5	17s 9	22n16	22n 7	12s25		n.a.
S 2	23 49	25 16	1 30	25 48	2 0	13 56	3 0	16 51	0 53	15 57	0 42	11 33	2 25	12 49	0 21	23 39	0 7	24 4	17 8	22 16	22 6	12 27		n.a.
M 3	23 48	26 5	2 33	25 44	1 59	14 18	2 58	16 37	0 53	16 0	0 42	11 31	2 25	12 50	0 21	23 39	0 7	24 4	17 8	22 16	22 6	12 30		n.a.
T 4	23 47	25 33	3 29	25 38	1 58	14 39	2 55	16 22	0 52	16 3	0 42	11 29	2 24	12 50	0 21	23 39	0 7	24 3	17 8	22 15	22 5	12 33		n.a.
W 5	23 45	23 40	4 16	25 30	1 57	14 59	2 53	16 7	0 51	16 7	0 42	11 27	2 24	12 51	0 21	23 39	0 7	24 3	17 7	22 15	22 5	12 36		n.a.
T 6	23 42	20 31	4 50	25 20	1 55	15 20	2 50	15 53	0 50	16 10	0 42	11 25	2 24	12 52	0 21	23 38	0 7	24 2	17 7	22 14	22 4	12 39		n.a.
F 7	23 39	16 16	5 10	25 8	1 52	15 40	2 48	15 38	0 49	16 13	0 42	11 22	2 24	12 53	0 21	23 38	0 7	24 1	17 7	22 13	22 4	12 42		n.a.
S 8	23 36	11 9	5 12	24 54	1 49	16 0	2 45	15 23	0 49	16 17	0 42	11 20	2 24	12 53	0 21	23 38	0 7	24 1	17 6	22 13	22 3	12 45		n.a.
S 9	23 32	5 25	4 57	24 37	1 45	16 20	2 42	15 7	0 48	16 20	0 42	11 18	2 23	12 54	0 21	23 38	0 7	24 0	17 6	22 12	22 3	12 47		n.a.
M10	23 28	0n40	4 25	24 19	1 40	16 39	2 39	14 52	0 47	16 23	0 42	11 16	2 23	12 55	0 21	23 38	0 7	24 0	17 6	22 12	22 2	12 50		n.a.
T 11	23 23	6 48	3 36	23 58	1 35	16 59	2 36	14 37	0 46	16 26	0 42	11 14	2 23	12 55	0 21	23 38	0 7	23 59	17 5	22 13	22 2	12 53		n.a.
W12	23 18	12 41	2 33	23 35	1 29	17 17	2 33	14 21	0 46	16 29	0 42	11 12	2 23	12 56	0 21	23 38	0 7	23 58	17 5	22 13	22 1	12 56		n.a.
T 13	23 12	17 56	1 20	23 10	1 22	17 36	2 30	14 6	0 45	16 32	0 42	11 9	2 23	12 57	0 21	23 38	0 7	23 58	17 5	22 13	22 1	12 59		n.a.
F 14	23 6	22 9	0 1	22 43	1 15	17 54	2 27	13 50	0 44	16 35	0 42	11 7	2 22	12 57	0 21	23 38	0 7	23 57	17 5	22 13	22 0	13 2		n.a.
S 15	22 59	24 57	1n17	22 14	1 7	18 12	2 24	13 34	0 43	16 38	0 42	11 5	2 22	12 58	0 21	23 38	0 7	23 56	17 4	22 13	22 0	13 4		n.a.
S 16	22 52	26 4	2 30	21 44	0 58	18 29	2 21	13 18	0 43	16 41	0 42	11 2	2 22	12 59	0 21	23 38	0 7	23 56	17 4	22 13	21 59	13 7		n.a.
M17	22 45	25 27	3 32	21 12	0 48	18 46	2 17	13 2	0 42	16 44	0 42	11 0	2 22	12 59	0 21	23 38	0 7	23 55	17 4	22 12	21 59	13 10		n.a.
T 18	22 37	23 13	4 21	20 38	0 38	19 2	2 14	12 46	0 41	16 46	0 42	10 57	2 22	13 0	0 21	23 38	0 7	23 55	17 3	22 11	21 58	13 13		n.a.
W19	22 29	19 44	4 53	20 3	0 27	19 18	2 11	12 30	0 40	16 49	0 42	10 55	2 22	13 0	0 21	23 38	0 7	23 54	17 3	22 10	21 58	13 16		n.a.
T 20	22 20	15 19	5 8	19 27	0 15	19 34	2 7	12 14	0 40	16 52	0 42	10 53	2 21	13 1	0 21	23 38	0 7	23 53	17 3	22 9	21 57	13 19		n.a.
F 21	22 11	10 21	5 8	18 51	0 3	19 49	2 4	11 57	0 39	16 55	0 42	10 50	2 21	13 1	0 21	23 38	0 7	23 53	17 3	22 8	21 57	13 21		n.a.
S 22	22 2	5 6	4 52	18 14	0n11	20 4	2 0	11 41	0 38	16 57	0 42	10 48	2 21	13 2	0 21	23 37	0 7	23 52	17 2	22 7	21 56	13 24		n.a.
S 23	21 52	0s14	4 23	17 37	0 24	20 18	1 57	11 24	0 37	17 0	0 42	10 45	2 21	13 2	0 21	23 37	0 7	23 51	17 2	22 7	21 56	13 27		n.a.
M24	21 41	5 29	3 44	17 1	0 38	20 32	1 53	11 8	0 36	17 3	0 42	10 43	2 21	13 3	0 21	23 37	0 7	23 51	17 2	22 7	21 55	13 30		n.a.
T 25	21 30	10 29	2 55	16 25	0 53	20 45	1 49	10 51	0 36	17 5	0 42	10 40	2 21	13 3	0 21	23 37	0 7	23 50	17 1	22 7	21 55	13 33		n.a.
W26	21 19	15 5	1 59	15 50	1 8	20 58	1 46	10 34	0 35	17 8	0 42	10 37	2 21	13 4	0 21	23 37	0 7	23 49	17 1	22 7	21 54	13 36		n.a.
T 27	21 8	19 8	0 57	15 17	1 23	21 10	1 42	10 18	0 34	17 10	0 42	10 35	2 20	13 4	0 21	23 37	0 7	23 49	17 1	22 7	21 53	13 38		n.a.
F 28	20 56	22 26	0s 7	14 46	1 38	21 22	1 38	10 1	0 34	17 12	0 42	10 32	2 20	13 4	0 21	23 37	0 7	23 48	17 1	22 7	21 53	13 41		n.a.
S 29	20 44	24 48	1 12	14 16	1 53	21 33	1 35	9 44	0 33	17 15	0 42	10 30	2 20	13 5	0 21	23 37	0 7	23 47	17 0	22 7	21 52	13 44		n.a.
S 30	20 31	26 0	2 15	13 50	2 8	21 44	1 31	9 27	0 32	17 17	0 42	10 27	2 20	13 5	0 21	23 37	0 7	23 47	17 0	22 6	21 52	13 47		n.a.
M31	20s18	25s52	3s12	13s26	2n22	21s54	1n27	9s10	0s31	17s19	0n42	10s24	2s20	13s 6	0n21	23s37	0n 7	23s46	17s 0	22n 6	21n51	13s50		n.a.

Julian Day Number = 1310516.5, Delta T = 07h42m01s
Ecliptic obliquity = 23°49'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'17, Lahiri = -19°29'16 Julian Calendar 1 Jan. 1125 BCE == Greg. Calendar 21 Dec. 1126 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

FEBRUARY 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 33	1♒50'17	0♒15	18♒24	19♐51	8♓46	20♏ 0	9♓18	5♏ 5	5♑ 9	9♓28	8°R27	7♊ 5	12♏42	n.a.	T 1
W 2	8 3 30	2°50'06	13°30	18°39	21° 1	9°29	20° 8	9°25	5° 6	5°11	9°29	8♊18	7° 2	12°48	n.a.	W 2
T 3	8 7 27	3°49'53	27° 1	18°R45	22°11	10°12	20°16	9°32	5° 6	5°13	9°31	8° 8	6°58	12°55	n.a.	T 3
F 4	8 11 23	4°49'38	10♓44	18°42	23°21	10°55	20°24	9°39	5° 7	5°15	9°32	7°59	6°55	13° 2	n.a.	F 4
S 5	8 15 20	5°49'21	24°37	18°31	24°31	11°38	20°32	9°46	5° 8	5°17	9°33	7°51	6°52	13° 8	n.a.	S 5
S 6	8 19 16	6°49'01	8♈36	18°12	25°41	12°21	20°40	9°52	5° 9	5°19	9°34	7°45	6°49	13°15	n.a.	S 6
M 7	8 23 13	7°48'39	22°40	17°46	26°52	13° 4	20°47	9°59	5° 9	5°21	9°35	7°42	6°46	13°22	n.a.	M 7
T 8	8 27 9	8°48'14	6♉46	17°12	28° 2	13°46	20°54	10° 6	5°10	5°23	9°37	7°D41	6°43	13°28	n.a.	T 8
W 9	8 31 6	9°47'47	20°53	16°33	29°12	14°29	21° 2	10°14	5°11	5°25	9°38	7°41	6°39	13°35	n.a.	W 9
T 10	8 35 2	10°47'17	5♊ 0	15°48	0♑23	15°12	21° 9	10°21	5°11	5°27	9°39	7°R42	6°36	13°42	n.a.	T 10
F 11	8 38 59	11°46'45	19° 6	14°59	1°33	15°54	21°15	10°28	5°11	5°29	9°40	7°41	6°33	13°48	n.a.	F 11
S 12	8 42 56	12°46'11	3♋10	14° 7	2°44	16°37	21°22	10°35	5°12	5°31	9°42	7°39	6°30	13°55	n.a.	S 12
S 13	8 46 52	13°45'34	17° 7	13°14	3°55	17°19	21°29	10°42	5°12	5°33	9°43	7°34	6°27	14° 1	n.a.	S 13
M14	8 50 49	14°44'55	0♌57	12°20	5° 5	18° 2	21°35	10°50	5°12	5°35	9°44	7°26	6°24	14° 8	n.a.	M14
T 15	8 54 45	15°44'14	14°34	11°26	6°16	18°44	21°42	10°57	5°13	5°37	9°46	7°16	6°20	14°15	n.a.	T 15
W16	8 58 42	16°43'30	27°56	10°34	7°27	19°27	21°48	11° 4	5°13	5°39	9°47	7° 4	6°17	14°21	n.a.	W16
T 17	9 2 38	17°42'44	11♍ 0	9°44	8°38	20° 9	21°54	11°12	5°13	5°40	9°48	6°52	6°14	14°28	n.a.	T 17
F 18	9 6 35	18°41'56	23°46	8°58	9°48	20°51	21°59	11°19	5°13	5°42	9°50	6°41	6°11	14°35	n.a.	F 18
S 19	9 10 31	19°41'06	6♎14	8°15	10°59	21°34	22° 5	11°26	5°R13	5°44	9°51	6°32	6° 8	14°41	n.a.	S 19
S 20	9 14 28	20°40'14	18°26	7°38	12°10	22°16	22°11	11°34	5°13	5°46	9°52	6°25	6° 4	14°48	n.a.	S 20
M21	9 18 24	21°39'20	0♏26	7° 5	13°21	22°58	22°16	11°41	5°13	5°47	9°54	6°21	6° 1	14°55	n.a.	M21
T 22	9 22 21	22°38'24	12°17	6°38	14°32	23°40	22°21	11°49	5°13	5°49	9°55	6°19	5°58	15° 1	n.a.	T 22
W23	9 26 18	23°37'26	24° 6	6°16	15°43	24°22	22°26	11°56	5°13	5°51	9°56	6°D18	5°55	15° 8	n.a.	W23
T 24	9 30 14	24°36'26	5♐56	6° 0	16°55	25° 4	22°31	12° 4	5°12	5°52	9°58	6°R18	5°52	15°15	n.a.	T 24
F 25	9 34 11	25°35'25	17°55	5°49	18° 6	25°46	22°36	12°11	5°12	5°54	9°59	6°18	5°49	15°21	n.a.	F 25
S 26	9 38 7	26°34'21	0♑ 7	5°D45	19°17	26°28	22°40	12°19	5°12	5°56	10° 0	6°16	5°45	15°28	n.a.	S 26
S 27	9 42 4	27°33'16	12°37	5°45	20°28	27°10	22°45	12°27	5°11	5°57	10° 2	6°11	5°42	15°35	n.a.	S 27
M28	9 46 0	28°32'09	25°27	5°52	21°40	27°52	22°49	12°34	5°11	5°59	10° 3	6° 4	5°39	15°41	n.a.	M28
T 29	9 49 57	29♒30'59	8♒40	6♒ 3	22♑51	28♓34	22♏53	12♓42	5♏11	6♑ 0	10♓ 5	5♊55	5♊36	15♏48	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 4	24s20	4s 1	13s 5	2n36	22s 3	1n23	8s53	0s31	17s22	0n42	10s22	2s20	13s 6	0n21	23s37	0n 7	23s45	17s 0	22n 4	21n51	13s52		n.a.
W 2	19 51	21 27	4 37	12 48	2 49	22 12	1 19	8 36	0 30	17 24	0 42	10 19	2 20	13 6	0 21	23 37	0 7	23 45	17 0	22 3	21 50	13 55		n.a.
T 3	19 37	17 23	4 59	12 34	3 2	22 20	1 16	8 19	0 29	17 26	0 42	10 16	2 19	13 6	0 21	23 37	0 7	23 44	16 59	22 1	21 50	13 58		n.a.
F 4	19 22	12 21	5 5	12 24	3 13	22 28	1 12	8 2	0 28	17 28	0 42	10 13	2 19	13 7	0 21	23 37	0 7	23 43	16 59	22 0	21 49	14 1		n.a.
S 5	19 7	6 38	4 52	12 18	3 23	22 35	1 8	7 44	0 28	17 30	0 42	10 11	2 19	13 7	0 21	23 36	0 7	23 43	16 59	21 58	21 49	14 4		n.a.
S 6	18 52	0 33	4 22	12 16	3 32	22 41	1 4	7 27	0 27	17 32	0 42	10 8	2 19	13 7	0 21	23 36	0 7	23 42	16 59	21 58	21 48	14 6		n.a.
M 7	18 37	5n37	3 37	12 17	3 39	22 47	1 0	7 10	0 26	17 34	0 42	10 5	2 19	13 7	0 21	23 36	0 7	23 41	16 58	21 57	21 48	14 9		n.a.
T 8	18 21	11 31	2 37	12 22	3 45	22 52	0 57	6 52	0 25	17 36	0 42	10 2	2 19	13 8	0 21	23 36	0 7	23 41	16 58	21 57	21 47	14 12		n.a.
W 9	18 5	16 51	1 29	12 30	3 48	22 57	0 53	6 35	0 25	17 38	0 42	9 59	2 19	13 8	0 21	23 36	0 7	23 40	16 58	21 57	21 46	14 15		n.a.
T 10	17 49	21 15	0 14	12 42	3 50	23 1	0 49	6 18	0 24	17 40	0 42	9 57	2 19	13 8	0 21	23 36	0 7	23 40	16 58	21 57	21 46	14 18		n.a.
F 11	17 32	24 23	1n 0	12 56	3 50	23 4	0 45	6 0	0 23	17 42	0 42	9 54	2 19	13 8	0 21	23 36	0 7	23 39	16 58	21 57	21 45	14 20		n.a.
S 12	17 15	25 59	2 11	13 13	3 48	23 7	0 42	5 43	0 23	17 44	0 42	9 51	2 18	13 8	0 21	23 36	0 7	23 38	16 58	21 56	21 45	14 23		n.a.
S 13	16 58	25 55	3 14	13 33	3 44	23 8	0 38	5 25	0 22	17 45	0 42	9 48	2 18	13 8	0 21	23 36	0 7	23 38	16 57	21 56	21 44	14 26		n.a.
M14	16 40	24 14	4 4	13 53	3 38	23 10	0 34	5 8	0 21	17 47	0 42	9 45	2 18	13 8	0 21	23 36	0 7	23 37	16 57	21 54	21 44	14 29		n.a.
T 15	16 23	21 10	4 39	14 15	3 31	23 10	0 30	4 50	0 20	17 49	0 42	9 42	2 18	13 9	0 21	23 36	0 7	23 36	16 57	21 53	21 43	14 31		n.a.
W16	16 5	17 2	4 58	14 38	3 22	23 10	0 27	4 33	0 20	17 50	0 42	9 39	2 18	13 9	0 21	23 36	0 7	23 36	16 57	21 51	21 43	14 34		n.a.
T 17	15 46	12 11	5 1	15 2	3 11	23 10	0 23	4 15	0 19	17 52	0 42	9 36	2 18	13 9	0 21	23 36	0 7	23 35	16 57	21 49	21 42	14 37		n.a.
F 18	15 28	6 55	4 49	15 25	3 0	23 8	0 19	3 58	0 18	17 53	0 42	9 33	2 18	13 9	0 21	23 36	0 7	23 34	16 57	21 47	21 41	14 40		n.a.
S 19	15 9	1 30	4 23	15 49	2 47	23 6	0 16	3 40	0 18	17 55	0 42	9 31	2 18	13 9	0 21	23 35	0 7	23 34	16 57	21 45	21 41	14 42		n.a.
S 20	14 50	3s52	3 45	16 11	2 34	23 3	0 12	3 23	0 17	17 56	0 42	9 28	2 18	13 9	0 21	23 35	0 7	23 33	16 56	21 44	21 40	14 45		n.a.
M21	14 31	9 2	2 58	16 33	2 19	23 0	0 9	3 5	0 16	17 58	0 42	9 25	2 18	13 9	0 21	23 35	0 7	23 32	16 56	21 43	21 40	14 48		n.a.
T 22	14 11	13 49	2 4	16 54	2 5	22 56	0 5	2 47	0 15	17 59	0 42	9 22	2 18	13 9	0 21	23 35	0 7	23 32	16 56	21 43	21 39	14 51		n.a.
W23	13 52	18 4	1 4	17 14	1 50	22 51	0 2	2 30	0 15	18 0	0 42	9 19	2 18	13 8	0 21	23 35	0 7	23 31	16 56	21 43	21 39	14 54		n.a.
T 24	13 32	21 37	0 2	17 33	1 35	22 46	0s 2	2 12	0 14	18 1	0 42	9 16	2 18	13 8	0 21	23 35	0 7	23 30	16 56	21 43	21 38	14 56		n.a.
F 25	13 12	24 17	1s 1	17 50	1 20	22 40	0 5	1 55	0 13	18 3	0 42	9 13	2 18	13 8	0 21	23 35	0 7	23 30	16 56	21 43	21 38	14 59		n.a.
S 26	12 52	25 52	2 3	18 5	1 5	22 33	0 8	1 37	0 13	18 4	0 42	9 10	2 18	13 8	0 21	23 35	0 7	23 29	16 56	21 42	21 37	15 2		n.a.
S 27	12 31	26 12	3 0	18 19	0 51	22 26	0 12	1 20	0 12	18 5	0 42	9 7	2 17	13 8	0 21	23 35	0 7	23 28	16 56	21 42	21 36	15 5		n.a.
M28	12 10	25 9	3 49	18 32	0 36	22 18	0 15	1 2	0 11	18 6	0 42	9 4	2 17	13 8	0 21	23 35	0 7	23 28	16 56	21 40	21 36	15 7		n.a.
T 29	11s50	22s41	4s28	18s43	0n22	22s 9	0s18	0s45	0s11	18s 7	0n42	9s 1	2s17	13s 8	0n21	23s35	0n 7	23s27	16s56	21n39	21n35	15s10		n.a.

Julian Day Number = 1310547.5, Delta T = 07h42m00s
Ecliptic obliquity = 23°49'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'13, Lahiri = -19°29'12 Julian Calendar 1 Feb. 1125 BCE == Greg. Calendar 21 Jan. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

MARCH 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 53 53	0♓29'48	22♒14	6♒19	24♑ 2	29♓16	22♏57	12♓50	5°R10	6♑ 2	10♓ 6	5°R43	5♊33	15♏55	n.a.	W 1
T 2	9 57 50	1°28'34	6♓ 9	6°41	25°14	29°58	23° 0	12°57	5♏ 9	6° 3	10° 7	5♊31	5°30	16° 1	n.a.	T 2
F 3	10 1 47	2°27'19	20°19	7° 6	26°25	0♈39	23° 4	13° 5	5° 9	6° 5	10° 9	5°19	5°26	16° 8	n.a.	F 3
S 4	10 5 43	3°26'01	4♈38	7°37	27°36	1°21	23° 7	13°13	5° 8	6° 6	10°10	5° 9	5°23	16°15	n.a.	S 4
S 5	10 9 40	4°24'40	19° 2	8°11	28°48	2° 3	23°10	13°20	5° 7	6° 8	10°12	5° 1	5°20	16°21	n.a.	S 5
M 6	10 13 36	5°23'18	3♉24	8°49	29°59	2°44	23°13	13°28	5° 6	6° 9	10°13	4°56	5°17	16°28	n.a.	M 6
T 7	10 17 33	6°21'53	17°42	9°32	1♒11	3°26	23°16	13°36	5° 6	6°10	10°14	4°54	5°14	16°35	n.a.	T 7
W 8	10 21 29	7°20'26	1♊52	10°17	2°23	4° 7	23°18	13°44	5° 5	6°12	10°16	4°54	5°10	16°41	n.a.	W 8
T 9	10 25 26	8°18'57	15°53	11° 7	3°34	4°49	23°21	13°51	5° 4	6°13	10°17	4°54	5° 7	16°48	n.a.	T 9
F 10	10 29 22	9°17'25	29°45	11°59	4°46	5°30	23°23	13°59	5° 3	6°14	10°19	4°53	5° 4	16°55	n.a.	F 10
S 11	10 33 19	10°15'51	13♋29	12°55	5°57	6°12	23°25	14° 7	5° 2	6°16	10°20	4°50	5° 1	17° 1	n.a.	S 11
S 12	10 37 15	11°14'14	27° 3	13°53	7° 9	6°53	23°27	14°15	5° 1	6°17	10°22	4°44	4°58	17° 8	n.a.	S 12
M13	10 41 12	12°12'36	10♌27	14°54	8°21	7°34	23°29	14°23	5° 0	6°18	10°23	4°36	4°55	17°14	n.a.	M13
T 14	10 45 9	13°10'55	23°41	15°58	9°32	8°15	23°30	14°30	4°58	6°19	10°24	4°25	4°51	17°21	n.a.	T 14
W15	10 49 5	14° 9'12	6♍41	17° 5	10°44	8°57	23°31	14°38	4°57	6°20	10°26	4°12	4°48	17°28	n.a.	W15
T 16	10 53 2	15° 7'27	19°28	18°14	11°56	9°38	23°32	14°46	4°56	6°21	10°27	3°59	4°45	17°34	n.a.	T 16
F 17	10 56 58	16° 5'40	2♎ 2	19°26	13° 8	10°19	23°33	14°54	4°55	6°23	10°29	3°47	4°42	17°41	n.a.	F 17
S 18	11 0 55	17° 3'52	14°21	20°40	14°19	11° 0	23°34	15° 2	4°53	6°24	10°30	3°37	4°39	17°48	n.a.	S 18
S 19	11 4 51	18° 2'01	26°28	21°56	15°31	11°41	23°35	15° 9	4°52	6°25	10°31	3°29	4°36	17°54	n.a.	S 19
M20	11 8 48	19° 0'09	8♏24	23°15	16°43	12°22	23°35	15°17	4°51	6°26	10°33	3°24	4°32	18° 1	n.a.	M20
T 21	11 12 44	19°58'15	20°14	24°36	17°55	13° 3	23°R35	15°25	4°49	6°27	10°34	3°21	4°29	18° 8	n.a.	T 21
W22	11 16 41	20°56'20	2♐ 2	25°59	19° 7	13°44	23°35	15°33	4°48	6°27	10°36	3°D21	4°26	18°14	n.a.	W22
T 23	11 20 37	21°54'23	13°53	27°24	20°19	14°25	23°35	15°41	4°46	6°28	10°37	3°21	4°23	18°21	n.a.	T 23
F 24	11 24 34	22°52'25	25°51	28°51	21°31	15° 6	23°35	15°48	4°44	6°29	10°38	3°R21	4°20	18°28	n.a.	F 24
S 25	11 28 31	23°50'25	8♑ 3	0♓19	22°43	15°47	23°34	15°56	4°43	6°30	10°40	3°20	4°16	18°34	n.a.	S 25
S 26	11 32 27	24°48'24	20°33	1°50	23°55	16°27	23°33	16° 4	4°41	6°31	10°41	3°17	4°13	18°41	n.a.	S 26
M27	11 36 24	25°46'21	3♒26	3°23	25° 7	17° 8	23°32	16°12	4°39	6°32	10°43	3°12	4°10	18°48	n.a.	M27
T 28	11 40 20	26°44'16	16°45	4°58	26°19	17°49	23°31	16°19	4°38	6°32	10°44	3° 5	4° 7	18°54	n.a.	T 28
W29	11 44 17	27°42'10	0♓30	6°35	27°31	18°30	23°30	16°27	4°36	6°33	10°45	2°55	4° 4	19° 1	n.a.	W29
T 30	11 48 13	28°40'03	14°40	8°14	28°43	19°10	23°28	16°35	4°34	6°34	10°47	2°45	4° 1	19° 8	n.a.	T 30
F 31	11 52 10	29♓37'54	29♓ 9	9♓55	29♒55	19♈51	23♏27	16♓42	4♏32	6♑34	10♓48	2♊35	3♊57	19♏14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s29	18s55	4s52	18s52	0n 8	22s 0	0s21	0s27	0s10	18s 8	0n42	8s58	2s17	13s 7	0n21	23s35	0n 7	23s27	16s55	21n37	21n35	15s13			n.a.
T 2	11 7	14 2	5 0	18 59	0s 5	21 50	0 24	0 10	0 9	18 9	0 42	8 55	2 17	13 7	0 21	23 35	0 7	23 26	16 55	21 34	21 34	15 15			n.a.
F 3	10 46	8 20	4 50	19 5	0 18	21 40	0 27	0n 8	0 9	18 10	0 42	8 51	2 17	13 7	0 21	23 35	0 7	23 25	16 55	21 32	21 34	15 18			n.a.
S 4	10 25	2 7	4 22	19 9	0 30	21 29	0 30	0 25	0 8	18 11	0 42	8 48	2 17	13 7	0 21	23 35	0 7	23 25	16 55	21 30	21 33	15 21			n.a.
S 5	10 3	4n14	3 37	19 11	0 41	21 17	0 33	0 43	0 7	18 11	0 42	8 45	2 17	13 7	0 21	23 35	0 7	23 24	16 55	21 29	21 32	15 24			n.a.
M 6	9 41	10 23	2 38	19 11	0 53	21 4	0 36	1 0	0 7	18 12	0 42	8 42	2 17	13 6	0 21	23 34	0 7	23 24	16 55	21 28	21 32	15 26			n.a.
T 7	9 19	15 57	1 30	19 10	1 3	20 51	0 39	1 18	0 6	18 13	0 42	8 39	2 17	13 6	0 21	23 34	0 7	23 23	16 55	21 28	21 31	15 29			n.a.
W 8	8 57	20 37	0 16	19 7	1 13	20 38	0 42	1 35	0 5	18 13	0 42	8 36	2 17	13 6	0 21	23 34	0 7	23 22	16 55	21 28	21 31	15 32			n.a.
T 9	8 35	24 2	0n58	19 3	1 23	20 24	0 45	1 52	0 5	18 14	0 42	8 33	2 17	13 5	0 21	23 34	0 7	23 22	16 55	21 28	21 30	15 35			n.a.
F 10	8 13	25 57	2 7	18 56	1 31	20 9	0 47	2 10	0 4	18 15	0 42	8 30	2 17	13 5	0 21	23 34	0 7	23 21	16 55	21 27	21 30	15 37			n.a.
S 11	7 50	26 16	3 9	18 48	1 40	19 54	0 50	2 27	0 3	18 15	0 42	8 27	2 17	13 5	0 21	23 34	0 7	23 21	16 55	21 27	21 29	15 40			n.a.
S 12	7 28	24 59	3 59	18 38	1 47	19 38	0 53	2 44	0 3	18 16	0 42	8 24	2 17	13 4	0 21	23 34	0 7	23 20	16 55	21 26	21 28	15 43			n.a.
M13	7 5	22 18	4 35	18 27	1 54	19 22	0 55	3 1	0 2	18 16	0 42	8 21	2 17	13 4	0 21	23 34	0 7	23 20	16 55	21 24	21 28	15 45			n.a.
T 14	6 43	18 29	4 55	18 14	2 1	19 5	0 57	3 18	0 1	18 16	0 42	8 18	2 17	13 3	0 21	23 34	0 7	23 19	16 55	21 22	21 27	15 48			n.a.
W15	6 20	13 50	5 0	17 59	2 7	18 47	1 0	3 35	0 1	18 17	0 42	8 15	2 17	13 3	0 21	23 34	0 6	23 18	16 55	21 20	21 27	15 51			n.a.
T 16	5 57	8 40	4 50	17 42	2 12	18 29	1 2	3 52	0 0	18 17	0 42	8 12	2 17	13 3	0 21	23 34	0 6	23 18	16 55	21 17	21 26	15 53			n.a.
F 17	5 34	3 14	4 25	17 24	2 17	18 11	1 4	4 9	0n 0	18 17	0 42	8 9	2 17	13 2	0 21	23 34	0 6	23 17	16 55	21 15	21 25	15 56			n.a.
S 18	5 11	2s14	3 49	17 4	2 21	17 52	1 7	4 26	0 1	18 17	0 42	8 6	2 17	13 2	0 21	23 34	0 6	23 17	16 55	21 13	21 25	15 59			n.a.
S 19	4 48	7 33	3 2	16 42	2 25	17 32	1 9	4 43	0 2	18 18	0 42	8 3	2 17	13 1	0 21	23 34	0 6	23 16	16 55	21 12	21 24	16 2			n.a.
M20	4 25	12 31	2 8	16 19	2 28	17 12	1 11	5 0	0 2	18 18	0 42	8 0	2 17	13 1	0 21	23 34	0 6	23 16	16 55	21 11	21 24	16 4			n.a.
T 21	4 2	16 59	1 9	15 53	2 30	16 52	1 13	5 17	0 3	18 18	0 42	7 57	2 17	13 0	0 21	23 34	0 6	23 15	16 55	21 10	21 23	16 7			n.a.
W22	3 39	20 48	0 7	15 27	2 32	16 31	1 14	5 34	0 4	18 18	0 42	7 54	2 17	13 0	0 21	23 34	0 6	23 15	16 55	21 10	21 22	16 10			n.a.
T 23	3 16	23 46	0s56	14 58	2 33	16 9	1 16	5 50	0 4	18 18	0 42	7 50	2 17	12 59	0 21	23 34	0 6	23 14	16 55	21 10	21 22	16 12			n.a.
F 24	2 52	25 43	1 57	14 28	2 34	15 47	1 18	6 7	0 5	18 17	0 42	7 47	2 17	12 59	0 21	23 34	0 6	23 14	16 55	21 10	21 21	16 15			n.a.
S 25	2 29	26 28	2 54	13 56	2 34	15 25	1 20	6 23	0 5	18 17	0 42	7 44	2 17	12 58	0 21	23 34	0 6	23 13	16 55	21 10	21 21	16 18			n.a.
S 26	2 6	25 55	3 44	13 23	2 34	15 3	1 21	6 40	0 6	18 17	0 42	7 41	2 18	12 58	0 21	23 34	0 6	23 13	16 56	21 9	21 20	16 20			n.a.
M27	1 42	23 58	4 24	12 48	2 33	14 39	1 23	6 56	0 7	18 17	0 42	7 38	2 18	12 57	0 21	23 34	0 6	23 12	16 56	21 8	21 19	16 23			n.a.
T 28	1 19	20 41	4 51	12 11	2 31	14 16	1 24	7 13	0 7	18 17	0 42	7 35	2 18	12 56	0 21	23 34	0 6	23 12	16 56	21 7	21 19	16 26			n.a.
W29	0 56	16 11	5 3	11 32	2 29	13 52	1 26	7 29	0 8	18 16	0 42	7 32	2 18	12 56	0 21	23 34	0 6	23 11	16 56	21 5	21 18	16 28			n.a.
T 30	0 32	10 41	4 57	10 52	2 26	13 28	1 27	7 45	0 9	18 16	0 42	7 29	2 18	12 55	0 21	23 34	0 6	23 11	16 56	21 3	21 18	16 31			n.a.
F 31	0s 9	4s29	4s32	10s11	2s23	13s 3	1s28	8n 2	0n 9	18s16	0n42	7s26	2s18	12s54	0n21	23s33	0n 6	23s11	16s56	21n 1	21n17	16s34			n.a.

Julian Day Number = 1310576.5, Delta T = 07h41m58s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'09, Lahiri = -19°29'08 Julian Calendar 1 March 1125 BCE == Greg. Calendar 19 Feb. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

APRIL 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 56 6	0♈35'43	13♈52	11♓37	1♓ 7	20♈32	23°R25	16♓50	4°R30	6♑35	10♓49	2°R27	3♊54	19♏21	n.a.	S 1
S 2	12 0 3	1°33'31	28°40	13°22	2°19	21°12	23♏23	16°58	4♏29	6°36	10°51	2♊21	3°51	19°27	n.a.	S 2
M 3	12 4 0	2°31'17	13♉25	15° 9	3°31	21°53	23°20	17° 5	4°27	6°36	10°52	2°17	3°48	19°34	n.a.	M 3
T 4	12 7 56	3°29'01	28° 2	16°57	4°44	22°33	23°18	17°13	4°25	6°37	10°53	2°D16	3°45	19°41	n.a.	T 4
W 5	12 11 53	4°26'43	12♊26	18°48	5°56	23°13	23°15	17°21	4°23	6°37	10°55	2°16	3°41	19°47	n.a.	W 5
T 6	12 15 49	5°24'24	26°33	20°40	7° 8	23°54	23°12	17°28	4°21	6°38	10°56	2°17	3°38	19°54	n.a.	T 6
F 7	12 19 46	6°22'03	10♋25	22°34	8°20	24°34	23° 9	17°36	4°19	6°38	10°57	2°R17	3°35	20° 1	n.a.	F 7
S 8	12 23 42	7°19'41	24° 0	24°31	9°32	25°15	23° 6	17°43	4°16	6°38	10°59	2°16	3°32	20° 7	n.a.	S 8
S 9	12 27 39	8°17'16	7♌20	26°29	10°45	25°55	23° 3	17°51	4°14	6°39	11° 0	2°12	3°29	20°14	n.a.	S 9
M10	12 31 35	9°14'50	20°26	28°29	11°57	26°35	22°59	17°58	4°12	6°39	11° 1	2° 7	3°26	20°21	n.a.	M10
T 11	12 35 32	10°12'22	3♍19	0♈30	13° 9	27°15	22°56	18° 6	4°10	6°39	11° 2	1°59	3°22	20°27	n.a.	T 11
W12	12 39 29	11° 9'53	16° 0	2°34	14°22	27°55	22°52	18°13	4° 8	6°40	11° 4	1°50	3°19	20°34	n.a.	W12
T 13	12 43 25	12° 7'22	28°29	4°39	15°34	28°36	22°48	18°20	4° 6	6°40	11° 5	1°41	3°16	20°41	n.a.	T 13
F 14	12 47 22	13° 4'50	10♎46	6°45	16°46	29°16	22°44	18°28	4° 3	6°40	11° 6	1°33	3°13	20°47	n.a.	F 14
S 15	12 51 18	14° 2'16	22°54	8°53	17°59	29°56	22°39	18°35	4° 1	6°40	11° 7	1°26	3°10	20°54	n.a.	S 15
S 16	12 55 15	14°59'42	4♏53	11° 2	19°11	0♉36	22°35	18°42	3°59	6°40	11° 9	1°21	3° 7	21° 1	n.a.	S 16
M17	12 59 11	15°57'06	16°45	13°12	20°23	1°16	22°30	18°50	3°57	6°40	11°10	1°17	3° 3	21° 7	n.a.	M17
T 18	13 3 8	16°54'30	28°33	15°23	21°36	1°56	22°25	18°57	3°54	6°40	11°11	1°D16	3° 0	21°14	n.a.	T 18
W19	13 7 4	17°51'52	10♐20	17°34	22°48	2°36	22°21	19° 4	3°52	6°R40	11°12	1°16	2°57	21°21	n.a.	W19
T 20	13 11 1	18°49'14	22°11	19°45	24° 1	3°16	22°15	19°11	3°50	6°40	11°13	1°18	2°54	21°27	n.a.	T 20
F 21	13 14 58	19°46'34	4♑ 9	21°57	25°13	3°56	22°10	19°18	3°47	6°40	11°14	1°19	2°51	21°34	n.a.	F 21
S 22	13 18 54	20°43'55	16°21	24° 8	26°26	4°35	22° 5	19°25	3°45	6°40	11°16	1°R20	2°47	21°40	n.a.	S 22
S 23	13 22 51	21°41'14	28°50	26°19	27°38	5°15	21°59	19°32	3°43	6°40	11°17	1°20	2°44	21°47	n.a.	S 23
M24	13 26 47	22°38'32	11♒41	28°29	28°51	5°55	21°54	19°39	3°40	6°40	11°18	1°18	2°41	21°54	n.a.	M24
T 25	13 30 44	23°35'50	24°58	0♉37	0♈ 3	6°35	21°48	19°46	3°38	6°40	11°19	1°15	2°38	22° 0	n.a.	T 25
W26	13 34 40	24°33'07	8♓43	2°45	1°16	7°15	21°42	19°53	3°35	6°40	11°20	1°11	2°35	22° 7	n.a.	W26
T 27	13 38 37	25°30'24	22°55	4°51	2°28	7°54	21°36	20° 0	3°33	6°39	11°21	1° 6	2°32	22°14	n.a.	T 27
F 28	13 42 33	26°27'39	7♈31	6°55	3°41	8°34	21°30	20° 7	3°30	6°39	11°22	1° 0	2°28	22°20	n.a.	F 28
S 29	13 46 30	27°24'54	22°25	8°58	4°54	9°14	21°23	20°14	3°28	6°39	11°23	0°56	2°25	22°27	n.a.	S 29
S 30	13 50 27	28♈22'09	7♉29	10♉58	6♈ 6	9♉53	21♏17	20♓21	3♏26	6♑39	11♓24	0♊53	2♊22	22♏34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n14	2n 3	3s49	9s28	2s19	12s38	1s29	8n18	0n10	18s15	0n42	7s23	2s18	12s54	0n21	23s33	0n 6	23s10	16s56	20n59	21n16	16s36		n.a.
S 2	0 38	8 32	2 49	8 43	2 15	12 13	1 30	8 34	0 10	18 15	0 42	7 20	2 18	12 53	0 21	23 33	0 6	23 10	16 56	20 58	21 16	16 39		n.a.
M 3	1 1	14 33	1 39	7 56	2 10	11 48	1 31	8 50	0 11	18 14	0 42	7 17	2 18	12 53	0 21	23 33	0 6	23 9	16 56	20 57	21 15	16 42		n.a.
T 4	1 24	19 41	0 23	7 8	2 5	11 22	1 32	9 5	0 12	18 13	0 42	7 15	2 18	12 52	0 21	23 33	0 6	23 9	16 56	20 57	21 15	16 44		n.a.
W 5	1 48	23 33	0n54	6 19	1 59	10 55	1 33	9 21	0 12	18 13	0 42	7 12	2 18	12 51	0 21	23 33	0 6	23 8	16 57	20 57	21 14	16 47		n.a.
T 6	2 11	25 53	2 6	5 28	1 52	10 29	1 34	9 37	0 13	18 12	0 42	7 9	2 18	12 50	0 21	23 33	0 6	23 8	16 57	20 57	21 13	16 49		n.a.
F 7	2 34	26 34	3 10	4 36	1 45	10 2	1 35	9 53	0 13	18 11	0 42	7 6	2 18	12 50	0 21	23 33	0 6	23 8	16 57	20 57	21 13	16 52		n.a.
S 8	2 57	25 37	4 1	3 42	1 37	9 35	1 35	10 8	0 14	18 11	0 42	7 3	2 18	12 49	0 21	23 33	0 6	23 7	16 57	20 57	21 12	16 55		n.a.
S 9	3 20	23 13	4 38	2 47	1 29	9 8	1 36	10 24	0 14	18 10	0 42	7 0	2 18	12 48	0 21	23 33	0 6	23 7	16 57	20 56	21 12	16 57		n.a.
M10	3 43	19 38	5 0	1 51	1 21	8 40	1 36	10 39	0 15	18 9	0 42	6 57	2 19	12 48	0 21	23 33	0 6	23 6	16 57	20 55	21 11	17 0		n.a.
T 11	4 6	15 12	5 6	0 54	1 12	8 12	1 37	10 54	0 16	18 8	0 42	6 54	2 19	12 47	0 21	23 33	0 6	23 6	16 57	20 54	21 10	17 3		n.a.
W12	4 29	10 10	4 57	0n 5	1 3	7 45	1 37	11 9	0 16	18 7	0 42	6 51	2 19	12 46	0 21	23 33	0 6	23 6	16 58	20 52	21 10	17 5		n.a.
T 13	4 52	4 48	4 34	1 4	0 53	7 16	1 37	11 25	0 17	18 6	0 42	6 48	2 19	12 45	0 21	23 33	0 6	23 5	16 58	20 50	21 9	17 8		n.a.
F 14	5 15	0s41	3 58	2 4	0 43	6 48	1 38	11 40	0 17	18 5	0 42	6 46	2 19	12 45	0 21	23 33	0 6	23 5	16 58	20 48	21 8	17 10		n.a.
S 15	5 37	6 5	3 12	3 4	0 33	6 19	1 38	11 54	0 18	18 4	0 42	6 43	2 19	12 44	0 21	23 33	0 6	23 5	16 58	20 47	21 8	17 13		n.a.
S 16	6 0	11 12	2 18	4 5	0 23	5 51	1 38	12 9	0 18	18 3	0 42	6 40	2 19	12 43	0 21	23 33	0 6	23 4	16 58	20 46	21 7	17 16		n.a.
M17	6 23	15 52	1 18	5 6	0 12	5 22	1 38	12 24	0 19	18 2	0 42	6 37	2 19	12 42	0 21	23 33	0 6	23 4	16 59	20 45	21 7	17 18		n.a.
T 18	6 45	19 55	0 15	6 7	0 2	4 52	1 38	12 39	0 19	18 0	0 42	6 34	2 19	12 41	0 21	23 33	0 6	23 4	16 59	20 45	21 6	17 21		n.a.
W19	7 7	23 10	0s49	7 8	0n 9	4 23	1 37	12 53	0 20	17 59	0 41	6 32	2 20	12 41	0 21	23 33	0 6	23 4	16 59	20 45	21 5	17 23		n.a.
T 20	7 29	25 27	1 51	8 9	0 19	3 54	1 37	13 7	0 21	17 58	0 41	6 29	2 20	12 40	0 21	23 33	0 6	23 3	16 59	20 45	21 5	17 26		n.a.
F 21	7 51	26 35	2 49	9 8	0 30	3 24	1 37	13 22	0 21	17 57	0 41	6 26	2 20	12 39	0 21	23 33	0 6	23 3	16 59	20 46	21 4	17 29		n.a.
S 22	8 13	26 28	3 41	10 7	0 40	2 55	1 36	13 36	0 22	17 55	0 41	6 24	2 20	12 38	0 21	23 33	0 6	23 3	17 0	20 46	21 3	17 31		n.a.
S 23	8 35	25 1	4 23	11 5	0 50	2 25	1 36	13 50	0 22	17 54	0 41	6 21	2 20	12 37	0 21	23 33	0 6	23 3	17 0	20 46	21 3	17 34		n.a.
M24	8 57	22 15	4 53	12 2	0 59	1 55	1 35	14 4	0 23	17 52	0 41	6 18	2 20	12 37	0 21	23 33	0 6	23 2	17 0	20 45	21 2	17 36		n.a.
T 25	9 18	18 15	5 10	12 56	1 8	1 25	1 35	14 18	0 23	17 51	0 41	6 16	2 20	12 36	0 21	23 33	0 6	23 2	17 0	20 45	21 2	17 39		n.a.
W26	9 40	13 11	5 9	13 49	1 17	0 56	1 34	14 32	0 24	17 50	0 41	6 13	2 21	12 35	0 21	23 33	0 6	23 2	17 0	20 44	21 1	17 41		n.a.
T 27	10 1	7 16	4 49	14 41	1 25	0 26	1 33	14 45	0 24	17 48	0 41	6 10	2 21	12 34	0 21	23 33	0 6	23 2	17 1	20 43	21 0	17 44		n.a.
F 28	10 22	0 48	4 11	15 30	1 32	0n 4	1 33	14 59	0 25	17 46	0 41	6 8	2 21	12 33	0 21	23 34	0 6	23 1	17 1	20 42	21 0	17 47		n.a.
S 29	10 43	5n51	3 15	16 17	1 39	0 34	1 32	15 12	0 25	17 45	0 41	6 5	2 21	12 32	0 21	23 34	0 6	23 1	17 1	20 41	20 59	17 49		n.a.
S 30	11n 4	12n16	2s 4	17n 2	1n46	1n 5	1s31	15n26	0n26	17s43	0n41	6s 3	2s21	12s32	0n21	23s34	0n 6	23s 1	17s 1	20n40	20n58	17s52		n.a.

Julian Day Number = 1310607.5, Delta T = 07h41m56s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'05, Lahiri = -19°29'04 Julian Calendar 1 Apr. 1125 BCE == Greg. Calendar 21 March 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

MAY 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 54 23	29♈19'22	22♉33	12♉56	7♈19	10♉33	21°R10	20♓27	3°R23	6°R38	11♓25	0°R51	2♊19	22♏40	n.a.	M 1
T 2	13 58 20	0♉16'35	7♊30	14°52	8°32	11°12	21♏ 4	20°34	3♏21	6♑38	11°26	0°D51	2°16	22°47	n.a.	T 2
W 3	14 2 16	1°13'47	22°11	16°46	9°44	11°52	20°57	20°40	3°18	6°37	11°27	0♊52	2°12	22°54	n.a.	W 3
T 4	14 6 13	2°10'58	6♋33	18°38	10°57	12°31	20°50	20°47	3°16	6°37	11°28	0°54	2° 9	23° 0	n.a.	T 4
F 5	14 10 9	3° 8'08	20°32	20°27	12°10	13°11	20°43	20°54	3°13	6°36	11°29	0°55	2° 6	23° 7	n.a.	F 5
S 6	14 14 6	4° 5'17	4♌ 9	22°14	13°22	13°50	20°36	21° 0	3°11	6°36	11°30	0°R55	2° 3	23°14	n.a.	S 6
S 7	14 18 2	5° 2'25	17°26	23°58	14°35	14°30	20°29	21° 6	3° 8	6°35	11°31	0°55	2° 0	23°20	n.a.	S 7
M 8	14 21 59	5°59'33	0♍23	25°40	15°48	15° 9	20°22	21°13	3° 6	6°35	11°32	0°53	1°57	23°27	n.a.	M 8
T 9	14 25 56	6°56'39	13° 3	27°19	17° 1	15°49	20°15	21°19	3° 3	6°34	11°33	0°50	1°53	23°33	n.a.	T 9
W10	14 29 52	7°53'45	25°29	28°56	18°14	16°28	20° 8	21°25	3° 1	6°34	11°34	0°47	1°50	23°40	n.a.	W10
T 11	14 33 49	8°50'51	7♎43	0♊30	19°26	17° 7	20° 0	21°31	2°59	6°33	11°35	0°44	1°47	23°47	n.a.	T 11
F 12	14 37 45	9°47'55	19°48	2° 2	20°39	17°46	19°53	21°37	2°56	6°32	11°35	0°40	1°44	23°53	n.a.	F 12
S 13	14 41 42	10°45'00	1♏46	3°31	21°52	18°26	19°45	21°43	2°54	6°32	11°36	0°38	1°41	24° 0	n.a.	S 13
S 14	14 45 38	11°42'04	13°37	4°57	23° 5	19° 5	19°38	21°49	2°51	6°31	11°37	0°36	1°38	24° 7	n.a.	S 14
M15	14 49 35	12°39'08	25°26	6°21	24°18	19°44	19°30	21°55	2°49	6°30	11°38	0°D35	1°34	24°13	n.a.	M15
T 16	14 53 31	13°36'11	7♐13	7°43	25°31	20°23	19°23	22° 1	2°46	6°29	11°39	0°35	1°31	24°20	n.a.	T 16
W17	14 57 28	14°33'15	19° 3	9° 1	26°44	21° 2	19°15	22° 7	2°44	6°28	11°39	0°36	1°28	24°27	n.a.	W17
T 18	15 1 25	15°30'18	0♑56	10°17	27°57	21°42	19° 8	22°13	2°42	6°28	11°40	0°37	1°25	24°33	n.a.	T 18
F 19	15 5 21	16°27'22	12°58	11°31	29°10	22°21	19° 0	22°18	2°39	6°27	11°41	0°38	1°22	24°40	n.a.	F 19
S 20	15 9 18	17°24'25	25°11	12°41	0♉23	23° 0	18°52	22°24	2°37	6°26	11°41	0°39	1°18	24°47	n.a.	S 20
S 21	15 13 14	18°21'29	7♒41	13°49	1°36	23°39	18°45	22°30	2°35	6°25	11°42	0°40	1°15	24°53	n.a.	S 21
M22	15 17 11	19°18'33	20°30	14°53	2°49	24°18	18°37	22°35	2°32	6°24	11°43	0°R40	1°12	25° 0	n.a.	M22
T 23	15 21 7	20°15'37	3♓42	15°55	4° 2	24°57	18°29	22°40	2°30	6°23	11°43	0°40	1° 9	25° 7	n.a.	T 23
W24	15 25 4	21°12'42	17°21	16°53	5°15	25°36	18°22	22°46	2°28	6°22	11°44	0°39	1° 6	25°13	n.a.	W24
T 25	15 29 1	22° 9'47	1♈25	17°48	6°28	26°15	18°14	22°51	2°25	6°21	11°45	0°38	1° 3	25°20	n.a.	T 25
F 26	15 32 57	23° 6'52	15°55	18°40	7°41	26°54	18° 6	22°56	2°23	6°20	11°45	0°38	0°59	25°26	n.a.	F 26
S 27	15 36 54	24° 3'57	0♉46	19°28	8°55	27°33	17°59	23° 1	2°21	6°19	11°46	0°37	0°56	25°33	n.a.	S 27
S 28	15 40 50	25° 1'03	15°52	20°13	10° 8	28°12	17°51	23° 6	2°19	6°18	11°46	0°36	0°53	25°40	n.a.	S 28
M29	15 44 47	25°58'09	1♊ 3	20°54	11°21	28°51	17°43	23°11	2°16	6°16	11°47	0°D36	0°50	25°46	n.a.	M29
T 30	15 48 43	26°55'16	16°10	21°31	12°34	29°30	17°36	23°16	2°14	6°15	11°47	0°36	0°47	25°53	n.a.	T 30
W31	15 52 40	27♉52'22	1♋ 5	22♊ 4	13♉48	0♊ 8	17♏29	23♓21	2♏12	6♑14	11♓48	0♊37	0♊44	26♏ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n25	17n59	0s45	17n44	1n51	1n35	1s30	15n39	0n26	17s42	0n41	6s 0	2s21	12s31	0n21	23s34	0n 6	23s 1	17s 2	20n40	20n58	17s54			n.a.
T 2	11 45	22 31	0n36	18 25	1 56	2 5	1 29	15 52	0 27	17 40	0 41	5 57	2 21	12 30	0 21	23 34	0 6	23 1	17 2	20 40	20 57	17 57			n.a.
W 3	12 5	25 30	1 54	19 3	2 1	2 35	1 28	16 5	0 28	17 38	0 40	5 55	2 22	12 29	0 21	23 34	0 6	23 1	17 2	20 40	20 57	17 59			n.a.
T 4	12 26	26 43	3 3	19 38	2 4	3 5	1 27	16 17	0 28	17 37	0 40	5 53	2 22	12 28	0 21	23 34	0 6	23 0	17 2	20 40	20 56	18 2			n.a.
F 5	12 46	26 11	4 0	20 11	2 7	3 35	1 25	16 30	0 29	17 35	0 40	5 50	2 22	12 27	0 21	23 34	0 6	23 0	17 3	20 41	20 55	18 4			n.a.
S 6	13 5	24 4	4 41	20 42	2 9	4 4	1 24	16 43	0 29	17 33	0 40	5 48	2 22	12 27	0 21	23 34	0 6	23 0	17 3	20 41	20 55	18 7			n.a.
S 7	13 25	20 42	5 6	21 11	2 11	4 34	1 23	16 55	0 30	17 31	0 40	5 45	2 22	12 26	0 21	23 34	0 6	23 0	17 3	20 41	20 54	18 10			n.a.
M 8	13 44	16 24	5 14	21 37	2 11	5 4	1 21	17 7	0 30	17 29	0 40	5 43	2 22	12 25	0 21	23 34	0 6	23 0	17 4	20 40	20 53	18 12			n.a.
T 9	14 3	11 29	5 7	22 1	2 12	5 34	1 20	17 20	0 31	17 28	0 40	5 41	2 23	12 24	0 21	23 34	0 6	23 0	17 4	20 40	20 53	18 15			n.a.
W10	14 22	6 11	4 46	22 22	2 11	6 3	1 18	17 32	0 31	17 26	0 40	5 38	2 23	12 23	0 21	23 34	0 6	23 0	17 4	20 39	20 52	18 17			n.a.
T 11	14 41	0 44	4 12	22 42	2 9	6 33	1 17	17 43	0 32	17 24	0 40	5 36	2 23	12 22	0 21	23 34	0 6	23 0	17 4	20 38	20 51	18 20			n.a.
F 12	14 59	4s41	3 26	22 59	2 7	7 2	1 15	17 55	0 32	17 22	0 39	5 34	2 23	12 22	0 21	23 34	0 6	23 0	17 5	20 37	20 51	18 22			n.a.
S 13	15 17	9 54	2 33	23 14	2 5	7 31	1 14	18 7	0 33	17 20	0 39	5 31	2 23	12 21	0 21	23 34	0 6	23 0	17 5	20 37	20 50	18 25			n.a.
S 14	15 35	14 43	1 32	23 27	2 1	8 0	1 12	18 18	0 33	17 18	0 39	5 29	2 24	12 20	0 21	23 34	0 6	22 59	17 5	20 37	20 49	18 27			n.a.
M15	15 53	18 58	0 28	23 39	1 57	8 29	1 10	18 30	0 34	17 16	0 39	5 27	2 24	12 19	0 21	23 34	0 6	22 59	17 6	20 36	20 49	18 30			n.a.
T 16	16 11	22 28	0s37	23 48	1 52	8 58	1 8	18 41	0 34	17 14	0 39	5 25	2 24	12 18	0 21	23 34	0 6	22 59	17 6	20 36	20 48	18 32			n.a.
W17	16 28	25 2	1 40	23 56	1 47	9 26	1 7	18 52	0 34	17 12	0 39	5 23	2 24	12 17	0 21	23 34	0 6	22 59	17 6	20 37	20 47	18 35			n.a.
T 18	16 45	26 30	2 40	24 1	1 41	9 55	1 5	19 3	0 35	17 10	0 39	5 21	2 24	12 17	0 21	23 34	0 6	22 59	17 7	20 37	20 47	18 37			n.a.
F 19	17 2	26 44	3 34	24 5	1 34	10 23	1 3	19 14	0 35	17 8	0 39	5 18	2 25	12 16	0 21	23 34	0 6	22 59	17 7	20 37	20 46	18 40			n.a.
S 20	17 18	25 41	4 19	24 8	1 27	10 50	1 1	19 24	0 36	17 6	0 38	5 16	2 25	12 15	0 21	23 34	0 6	22 59	17 7	20 37	20 45	18 42			n.a.
S 21	17 34	23 21	4 52	24 8	1 19	11 18	0 59	19 35	0 36	17 4	0 38	5 14	2 25	12 14	0 21	23 34	0 6	22 59	17 8	20 37	20 45	18 45			n.a.
M22	17 50	19 49	5 12	24 8	1 11	11 46	0 57	19 45	0 37	17 2	0 38	5 12	2 25	12 13	0 21	23 35	0 6	22 59	17 8	20 37	20 44	18 47			n.a.
T 23	18 6	15 13	5 17	24 5	1 1	12 13	0 55	19 55	0 37	17 0	0 38	5 10	2 26	12 13	0 21	23 35	0 6	22 59	17 8	20 37	20 43	18 50			n.a.
W24	18 21	9 44	5 4	24 2	0 52	12 39	0 53	20 5	0 38	16 58	0 38	5 9	2 26	12 12	0 21	23 35	0 6	23 0	17 8	20 37	20 43	18 52			n.a.
T 25	18 36	3 35	4 33	23 57	0 41	13 6	0 51	20 15	0 38	16 56	0 38	5 7	2 26	12 11	0 21	23 35	0 6	23 0	17 9	20 37	20 42	18 55			n.a.
F 26	18 51	2n56	3 44	23 51	0 31	13 32	0 48	20 25	0 39	16 54	0 37	5 5	2 26	12 10	0 21	23 35	0 6	23 0	17 9	20 37	20 41	18 57			n.a.
S 27	19 6	9 28	2 38	23 43	0 19	13 58	0 46	20 34	0 39	16 52	0 37	5 3	2 26	12 9	0 21	23 35	0 6	23 0	17 9	20 37	20 41	18 59			n.a.
S 28	19 20	15 34	1 21	23 35	0 7	14 24	0 44	20 44	0 40	16 50	0 37	5 1	2 27	12 9	0 21	23 35	0 6	23 0	17 10	20 37	20 40	19 2			n.a.
M29	19 34	20 45	0n 2	23 26	0s 5	14 49	0 42	20 53	0 40	16 48	0 37	4 59	2 27	12 8	0 21	23 35	0 6	23 0	17 10	20 37	20 39	19 4			n.a.
T 30	19 47	24 31	1 25	23 15	0 18	15 14	0 40	21 2	0 41	16 46	0 37	4 58	2 27	12 7	0 21	23 35	0 6	23 0	17 10	20 37	20 39	19 7			n.a.
W31	20n 0	26n31	2n41	23n 4	0s31	15n39	0s37	21n11	0n41	16s44	0n37	4s56	2s27	12s 6	0n21	23s35	0n 6	23s 0	17s11	20n37	20n38	19s 9			n.a.

Julian Day Number = 1310637.5, Delta T = 07h41m55s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°36'00, Lahiri = -19°29'00 Julian Calendar 1 May 1125 BCE == Greg. Calendar 20 Apr. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

JUNE 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 37	28♉49'29	15♋40	22♊33	15♉ 1	0♊47	17°R21	23♓26	2°R10	6°R13	11♓48	0♊37	0♊40	26♏ 6	n.a.	T 1
F 2	16 0 33	29°46'36	29°52	22°58	16°14	1°26	17♏14	23°30	2♏ 8	6♑12	11°49	0°37	0°37	26°13	n.a.	F 2
S 3	16 4 30	0♊43'42	13♌37	23°18	17°28	2° 5	17° 6	23°35	2° 6	6°10	11°49	0°R37	0°34	26°20	n.a.	S 3
S 4	16 8 26	1°40'49	26°56	23°34	18°41	2°44	16°59	23°39	2° 4	6° 9	11°50	0°D37	0°31	26°26	n.a.	S 4
M 5	16 12 23	2°37'56	9♍52	23°45	19°54	3°22	16°52	23°44	2° 2	6° 8	11°50	0°37	0°28	26°33	n.a.	M 5
T 6	16 16 19	3°35'03	22°28	23°52	21° 8	4° 1	16°45	23°48	2° 0	6° 7	11°50	0°37	0°24	26°40	n.a.	T 6
W 7	16 20 16	4°32'11	4♎46	23°R53	22°21	4°40	16°38	23°52	1°58	6° 5	11°51	0°37	0°21	26°46	n.a.	W 7
T 8	16 24 12	5°29'18	16°52	23°50	23°35	5°19	16°31	23°56	1°56	6° 4	11°51	0°38	0°18	26°53	n.a.	T 8
F 9	16 28 9	6°26'26	28°49	23°42	24°48	5°57	16°24	24° 0	1°54	6° 3	11°51	0°38	0°15	27° 0	n.a.	F 9
S 10	16 32 6	7°23'35	10♏40	23°30	26° 2	6°36	16°18	24° 4	1°52	6° 1	11°52	0°39	0°12	27° 6	n.a.	S 10
S 11	16 36 2	8°20'44	22°28	23°12	27°15	7°14	16°11	24° 8	1°50	6° 0	11°52	0°39	0° 9	27°13	n.a.	S 11
M12	16 39 59	9°17'53	4♐16	22°50	28°29	7°53	16° 4	24°12	1°49	5°58	11°52	0°R40	0° 5	27°19	n.a.	M12
T 13	16 43 55	10°15'04	16° 6	22°24	29°42	8°32	15°58	24°16	1°47	5°57	11°52	0°39	0° 2	27°26	n.a.	T 13
W14	16 47 52	11°12'15	28° 0	21°53	0♊56	9°10	15°52	24°19	1°45	5°56	11°52	0°38	29♉59	27°33	n.a.	W14
T 15	16 51 48	12° 9'27	10♑ 2	21°19	2°10	9°49	15°45	24°23	1°43	5°54	11°53	0°37	29°56	27°39	n.a.	T 15
F 16	16 55 45	13° 6'40	22°12	20°42	3°23	10°27	15°39	24°26	1°42	5°53	11°53	0°35	29°53	27°46	n.a.	F 16
S 17	16 59 41	14° 3'53	4♒34	20° 2	4°37	11° 6	15°33	24°30	1°40	5°51	11°53	0°33	29°50	27°53	n.a.	S 17
S 18	17 3 38	15° 1'08	17° 9	19°21	5°51	11°45	15°28	24°33	1°39	5°50	11°53	0°32	29°46	27°59	n.a.	S 18
M19	17 7 35	15°58'24	0♓ 1	18°38	7° 4	12°23	15°22	24°36	1°37	5°48	11°53	0°31	29°43	28° 6	n.a.	M19
T 20	17 11 31	16°55'41	13°11	17°54	8°18	13° 2	15°16	24°39	1°36	5°47	11°53	0°D30	29°40	28°13	n.a.	T 20
W21	17 15 28	17°53'00	26°43	17°10	9°32	13°40	15°11	24°42	1°34	5°45	11°53	0°30	29°37	28°19	n.a.	W21
T 22	17 19 24	18°50'19	10♈37	16°28	10°46	14°19	15° 6	24°45	1°33	5°44	11°R53	0°31	29°34	28°26	n.a.	T 22
F 23	17 23 21	19°47'40	24°54	15°47	12° 0	14°57	15° 1	24°48	1°31	5°42	11°53	0°32	29°30	28°33	n.a.	F 23
S 24	17 27 17	20°45'03	9♉30	15° 9	13°13	15°35	14°56	24°50	1°30	5°41	11°53	0°33	29°27	28°39	n.a.	S 24
S 25	17 31 14	21°42'26	24°23	14°34	14°27	16°14	14°51	24°53	1°29	5°39	11°53	0°R34	29°24	28°46	n.a.	S 25
M26	17 35 11	22°39'51	9♊26	14° 3	15°41	16°52	14°46	24°55	1°27	5°37	11°53	0°34	29°21	28°52	n.a.	M26
T 27	17 39 7	23°37'17	24°30	13°37	16°55	17°31	14°42	24°58	1°26	5°36	11°53	0°33	29°18	28°59	n.a.	T 27
W28	17 43 4	24°34'45	9♋27	13°16	18° 9	18° 9	14°37	25° 0	1°25	5°34	11°53	0°30	29°15	29° 6	n.a.	W28
T 29	17 47 0	25°32'13	24° 8	13° 0	19°23	18°48	14°33	25° 2	1°24	5°33	11°53	0°27	29°11	29°12	n.a.	T 29
F 30	17 50 57	26♊29'43	8♌26	12♊51	20♊37	19♊26	14♏29	25♓ 4	1♏23	5♑31	11♓53	0♊24	29♉ 8	29♏19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n13	26n37	3n45	22n52	0s45	16n 3	0s35	21n19	0n41	16s42	0n36	4s54	2s28	12s 6	0n21	23s35	0n 6	23s 0	17s11	20n37	20n37	19s12		n.a.
F 2	20 26	24 57	4 33	22 40	0 59	16 27	0 33	21 28	0 42	16 40	0 36	4 53	2 28	12 5	0 21	23 35	0 6	23 0	17 12	20 37	20 37	19 14		n.a.
S 3	20 38	21 51	5 4	22 26	1 13	16 50	0 30	21 36	0 42	16 38	0 36	4 51	2 28	12 4	0 21	23 35	0 6	23 1	17 12	20 37	20 36	19 17		n.a.
S 4	20 50	17 41	5 17	22 13	1 28	17 13	0 28	21 45	0 43	16 37	0 36	4 49	2 28	12 4	0 21	23 35	0 6	23 1	17 12	20 37	20 35	19 19		n.a.
M 5	21 2	12 49	5 14	21 58	1 43	17 36	0 26	21 53	0 43	16 35	0 36	4 48	2 29	12 3	0 21	23 35	0 6	23 1	17 13	20 37	20 35	19 21		n.a.
T 6	21 13	7 32	4 55	21 44	1 58	17 58	0 23	22 1	0 44	16 33	0 36	4 46	2 29	12 2	0 21	23 36	0 6	23 1	17 13	20 37	20 34	19 24		n.a.
W 7	21 24	2 5	4 23	21 29	2 12	18 19	0 21	22 8	0 44	16 31	0 35	4 45	2 29	12 2	0 21	23 36	0 6	23 1	17 13	20 37	20 33	19 26		n.a.
T 8	21 34	3s21	3 40	21 14	2 27	18 41	0 18	22 16	0 45	16 29	0 35	4 43	2 29	12 1	0 21	23 36	0 6	23 1	17 14	20 37	20 33	19 29		n.a.
F 9	21 44	8 37	2 48	20 59	2 42	19 1	0 16	22 23	0 45	16 27	0 35	4 42	2 30	12 0	0 21	23 36	0 6	23 2	17 14	20 37	20 32	19 31		n.a.
S 10	21 54	13 33	1 49	20 44	2 56	19 21	0 14	22 31	0 45	16 26	0 35	4 41	2 30	12 0	0 21	23 36	0 6	23 2	17 14	20 37	20 31	19 34		n.a.
S 11	22 3	17 57	0 45	20 29	3 10	19 41	0 11	22 38	0 46	16 24	0 35	4 39	2 30	11 59	0 21	23 36	0 6	23 2	17 15	20 37	20 31	19 36		n.a.
M12	22 12	21 40	0s20	20 14	3 24	20 0	0 9	22 44	0 46	16 22	0 34	4 38	2 30	11 58	0 21	23 36	0 6	23 2	17 15	20 37	20 30	19 38		n.a.
T 13	22 21	24 30	1 25	20 0	3 37	20 19	0 6	22 51	0 47	16 20	0 34	4 37	2 31	11 58	0 21	23 36	0 6	23 3	17 15	20 37	20 29	19 41		n.a.
W14	22 29	26 15	2 26	19 47	3 49	20 37	0 4	22 58	0 47	16 19	0 34	4 36	2 31	11 57	0 21	23 36	0 6	23 3	17 16	20 37	20 29	19 43		n.a.
T 15	22 37	26 47	3 21	19 33	3 59	20 54	0 1	23 4	0 48	16 17	0 34	4 34	2 31	11 57	0 21	23 36	0 6	23 3	17 16	20 37	20 28	19 46		n.a.
F 16	22 45	26 3	4 8	19 21	4 9	21 11	0n 1	23 10	0 48	16 16	0 34	4 33	2 32	11 56	0 21	23 36	0 6	23 3	17 16	20 36	20 27	19 48		n.a.
S 17	22 52	24 2	4 44	19 10	4 18	21 28	0 3	23 16	0 48	16 14	0 33	4 32	2 32	11 56	0 21	23 36	0 6	23 4	17 17	20 36	20 27	19 50		n.a.
S 18	22 58	20 49	5 8	19 0	4 25	21 44	0 6	23 22	0 49	16 13	0 33	4 31	2 32	11 55	0 20	23 36	0 6	23 4	17 17	20 36	20 26	19 53		n.a.
M19	23 5	16 34	5 16	18 51	4 30	21 59	0 8	23 28	0 49	16 11	0 33	4 30	2 32	11 55	0 20	23 37	0 6	23 4	17 18	20 35	20 25	19 55		n.a.
T 20	23 11	11 27	5 9	18 43	4 34	22 13	0 11	23 33	0 50	16 10	0 33	4 29	2 33	11 54	0 20	23 37	0 6	23 4	17 18	20 35	20 25	19 57		n.a.
W21	23 16	5 39	4 44	18 37	4 36	22 27	0 13	23 38	0 50	16 8	0 33	4 28	2 33	11 54	0 20	23 37	0 5	23 5	17 18	20 35	20 24	20 0		n.a.
T 22	23 21	0n34	4 2	18 32	4 37	22 41	0 15	23 43	0 50	16 7	0 32	4 27	2 33	11 53	0 20	23 37	0 5	23 5	17 19	20 35	20 23	20 2		n.a.
F 23	23 26	6 56	3 5	18 29	4 36	22 53	0 18	23 48	0 51	16 6	0 32	4 27	2 33	11 53	0 20	23 37	0 5	23 5	17 19	20 36	20 22	20 5		n.a.
S 24	23 30	13 6	1 54	18 28	4 33	23 5	0 20	23 53	0 51	16 4	0 32	4 26	2 34	11 52	0 20	23 37	0 5	23 6	17 19	20 36	20 22	20 7		n.a.
S 25	23 34	18 38	0 34	18 29	4 28	23 17	0 22	23 58	0 52	16 3	0 32	4 25	2 34	11 52	0 20	23 37	0 5	23 6	17 20	20 36	20 21	20 9		n.a.
M26	23 37	23 2	0n49	18 31	4 22	23 27	0 25	24 2	0 52	16 2	0 31	4 24	2 34	11 51	0 20	23 37	0 5	23 6	17 20	20 36	20 20	20 12		n.a.
T 27	23 40	25 51	2 8	18 36	4 14	23 37	0 27	24 6	0 52	16 1	0 31	4 24	2 35	11 51	0 20	23 37	0 5	23 7	17 20	20 36	20 20	20 14		n.a.
W28	23 43	26 47	3 18	18 42	4 5	23 46	0 29	24 10	0 53	16 0	0 31	4 23	2 35	11 51	0 20	23 37	0 5	23 7	17 21	20 35	20 19	20 16		n.a.
T 29	23 45	25 47	4 13	18 51	3 55	23 55	0 31	24 14	0 53	15 59	0 31	4 22	2 35	11 50	0 20	23 37	0 5	23 8	17 21	20 35	20 18	20 19		n.a.
F 30	23n47	23n 8	4n51	19n 1	3s43	24n 3	0n33	24n17	0n54	15s58	0n31	4s22	2s36	11s50	0n20	23s37	0n 5	23s 8	17s21	20n34	20n18	20s21		n.a.

Julian Day Number = 1310668.5, Delta T = 07h41m53s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'56, Lahiri = -19°28'56 Julian Calendar 1 June 1125 BCE == Greg. Calendar 21 May 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

JULY 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 53	27♊27'13	22♌19	12°D48	21♊51	20♊ 4	14°R25	25♓ 6	1°R22	5°R29	11°R52	0°R20	29♉ 5	29♏26	n.a.	S 1
S 2	17 58 50	28°24'45	5♍44	12♊51	23° 5	20°43	14♏21	25° 8	1♏21	5♑28	11♓52	0♊17	29° 2	29°32	n.a.	S 2
M 3	18 2 46	29°22'17	18°43	13° 1	24°19	21°21	14°18	25°10	1°20	5°26	11°52	0°16	28°59	29°39	n.a.	M 3
T 4	18 6 43	0♋19'51	1♎19	13°18	25°33	21°59	14°15	25°11	1°19	5°25	11°52	0°D15	28°56	29°46	n.a.	T 4
W 5	18 10 40	1°17'25	13°36	13°43	26°48	22°38	14°11	25°13	1°18	5°23	11°51	0°16	28°52	29°52	n.a.	W 5
T 6	18 14 36	2°15'01	25°39	14°14	28° 2	23°16	14° 8	25°14	1°18	5°21	11°51	0°17	28°49	29°59	n.a.	T 6
F 7	18 18 33	3°12'38	7♏32	14°52	29°16	23°54	14° 6	25°16	1°17	5°20	11°51	0°19	28°46	0♐ 6	n.a.	F 7
S 8	18 22 29	4°10'16	19°20	15°37	0♋30	24°32	14° 3	25°17	1°16	5°18	11°51	0°21	28°43	0°12	n.a.	S 8
S 9	18 26 26	5° 7'56	1♐ 8	16°28	1°44	25°11	14° 1	25°18	1°15	5°16	11°50	0°R21	28°40	0°19	n.a.	S 9
M10	18 30 22	6° 5'37	12°58	17°27	2°59	25°49	13°58	25°19	1°15	5°15	11°50	0°20	28°36	0°26	n.a.	M10
T 11	18 34 19	7° 3'19	24°54	18°31	4°13	26°27	13°56	25°20	1°14	5°13	11°49	0°18	28°33	0°32	n.a.	T 11
W12	18 38 15	8° 1'03	6♑58	19°42	5°27	27° 5	13°54	25°21	1°14	5°12	11°49	0°13	28°30	0°39	n.a.	W12
T 13	18 42 12	8°58'49	19°11	20°59	6°41	27°44	13°53	25°22	1°13	5°10	11°49	0° 8	28°27	0°45	n.a.	T 13
F 14	18 46 9	9°56'36	1♒36	22°21	7°56	28°22	13°51	25°22	1°13	5° 8	11°48	0° 1	28°24	0°52	n.a.	F 14
S 15	18 50 5	10°54'24	14°13	23°48	9°10	29° 0	13°50	25°23	1°13	5° 7	11°48	29♉54	28°21	0°59	n.a.	S 15
S 16	18 54 2	11°52'15	27° 2	25°21	10°24	29°38	13°49	25°23	1°12	5° 5	11°47	29°47	28°17	1° 5	n.a.	S 16
M17	18 57 58	12°50'07	10♓ 4	26°57	11°39	0♋16	13°48	25°23	1°12	5° 3	11°47	29°42	28°14	1°12	n.a.	M17
T 18	19 1 55	13°48'02	23°21	28°38	12°53	0°55	13°47	25°23	1°12	5° 2	11°46	29°38	28°11	1°19	n.a.	T 18
W19	19 5 51	14°45'58	6♈52	0♋22	14° 8	1°33	13°46	25°R23	1°12	5° 0	11°46	29°36	28° 8	1°25	n.a.	W19
T 20	19 9 48	15°43'56	20°39	2° 9	15°22	2°11	13°46	25°23	1°12	4°59	11°45	29°D36	28° 5	1°32	n.a.	T 20
F 21	19 13 44	16°41'56	4♉43	3°59	16°37	2°49	13°46	25°23	1°D12	4°57	11°45	29°37	28° 2	1°39	n.a.	F 21
S 22	19 17 41	17°39'59	19° 2	5°51	17°51	3°27	13°D46	25°23	1°12	4°55	11°44	29°38	27°58	1°45	n.a.	S 22
S 23	19 21 38	18°38'04	3♊35	7°44	19° 6	4° 6	13°46	25°23	1°12	4°54	11°43	29°R38	27°55	1°52	n.a.	S 23
M24	19 25 34	19°36'10	18°18	9°39	20°20	4°44	13°46	25°22	1°12	4°52	11°43	29°37	27°52	1°59	n.a.	M24
T 25	19 29 31	20°34'19	3♋ 5	11°36	21°35	5°22	13°47	25°21	1°12	4°51	11°42	29°33	27°49	2° 5	n.a.	T 25
W26	19 33 27	21°32'30	17°48	13°32	22°50	6° 0	13°48	25°21	1°12	4°49	11°41	29°27	27°46	2°12	n.a.	W26
T 27	19 37 24	22°30'43	2♌22	15°29	24° 4	6°38	13°48	25°20	1°13	4°48	11°41	29°20	27°42	2°19	n.a.	T 27
F 28	19 41 20	23°28'57	16°37	17°26	25°19	7°16	13°50	25°19	1°13	4°46	11°40	29°11	27°39	2°25	n.a.	F 28
S 29	19 45 17	24°27'13	0♍30	19°24	26°33	7°54	13°51	25°18	1°13	4°45	11°39	29° 2	27°36	2°32	n.a.	S 29
S 30	19 49 13	25°25'31	13°57	21°20	27°48	8°32	13°52	25°17	1°14	4°43	11°39	28°54	27°33	2°38	n.a.	S 30
M31	19 53 10	26♋23'51	26♍59	23♋16	29♋ 3	9♋11	13♏54	25♓16	1♏14	4♑41	11♓38	28♉49	27♉30	2♐45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	19n11	5n11	19n13	3s31	24n10	0n36	24n21	0n54	15s57	0n30	4s21	2s36	11s49	0n20	23s37	0n 5	23s 8	17s22	20n33	20n17	20s23		n.a.
S 2	23 49	14 23	5 13	19 27	3 17	24 16	0 38	24 24	0 54	15 56	0 30	4 21	2 36	11 49	0 20	23 38	0 5	23 9	17 22	20 33	20 16	20 26		n.a.
M 3	23 50	9 5	4 58	19 42	3 3	24 22	0 40	24 27	0 55	15 55	0 30	4 20	2 36	11 49	0 20	23 38	0 5	23 9	17 22	20 32	20 15	20 28		n.a.
T 4	23 50	3 34	4 29	19 59	2 48	24 27	0 42	24 30	0 55	15 54	0 30	4 20	2 37	11 49	0 20	23 38	0 5	23 10	17 23	20 32	20 15	20 30		n.a.
W 5	23 49	1s57	3 49	20 17	2 33	24 31	0 44	24 33	0 55	15 53	0 30	4 20	2 37	11 48	0 20	23 38	0 5	23 10	17 23	20 32	20 14	20 32		n.a.
T 6	23 49	7 18	2 59	20 36	2 18	24 35	0 46	24 35	0 56	15 53	0 29	4 19	2 37	11 48	0 20	23 38	0 5	23 10	17 23	20 33	20 13	20 35		n.a.
F 7	23 47	12 20	2 2	20 56	2 2	24 38	0 48	24 37	0 56	15 52	0 29	4 19	2 38	11 48	0 20	23 38	0 5	23 11	17 24	20 33	20 13	20 37		n.a.
S 8	23 46	16 53	1 0	21 17	1 46	24 40	0 50	24 39	0 57	15 51	0 29	4 19	2 38	11 48	0 20	23 38	0 5	23 11	17 24	20 33	20 12	20 39		n.a.
S 9	23 44	20 47	0s 4	21 38	1 31	24 41	0 52	24 41	0 57	15 51	0 29	4 19	2 38	11 47	0 20	23 38	0 5	23 12	17 24	20 33	20 11	20 42		n.a.
M10	23 41	23 51	1 8	21 59	1 15	24 41	0 54	24 43	0 57	15 50	0 28	4 18	2 39	11 47	0 20	23 38	0 5	23 12	17 25	20 33	20 10	20 44		n.a.
T 11	23 38	25 54	2 10	22 20	0 59	24 41	0 55	24 45	0 58	15 50	0 28	4 18	2 39	11 47	0 20	23 38	0 5	23 13	17 25	20 33	20 10	20 46		n.a.
W12	23 35	26 44	3 6	22 41	0 44	24 40	0 57	24 46	0 58	15 50	0 28	4 18	2 39	11 47	0 20	23 38	0 5	23 13	17 25	20 32	20 9	20 48		n.a.
T 13	23 31	26 18	3 54	23 1	0 30	24 38	0 59	24 47	0 58	15 49	0 28	4 18	2 39	11 47	0 20	23 38	0 5	23 13	17 26	20 30	20 8	20 51		n.a.
F 14	23 27	24 33	4 32	23 21	0 16	24 36	1 0	24 48	0 59	15 49	0 28	4 18	2 40	11 47	0 20	23 39	0 5	23 14	17 26	20 29	20 8	20 53		n.a.
S 15	23 22	21 34	4 58	23 39	0 2	24 32	1 2	24 49	0 59	15 49	0 27	4 18	2 40	11 47	0 20	23 39	0 5	23 14	17 26	20 28	20 7	20 55		n.a.
S 16	23 17	17 31	5 9	23 56	0n11	24 28	1 4	24 49	0 59	15 49	0 27	4 19	2 40	11 46	0 20	23 39	0 5	23 15	17 27	20 26	20 6	20 58		n.a.
M17	23 12	12 36	5 4	24 11	0 23	24 24	1 5	24 50	1 0	15 49	0 27	4 19	2 41	11 46	0 20	23 39	0 5	23 15	17 27	20 25	20 5	21 0		n.a.
T 18	23 6	7 0	4 43	24 24	0 35	24 18	1 7	24 50	1 0	15 49	0 27	4 19	2 41	11 46	0 20	23 39	0 5	23 16	17 27	20 24	20 5	21 2		n.a.
W19	23 0	1 0	4 7	24 35	0 46	24 12	1 8	24 50	1 0	15 49	0 26	4 19	2 41	11 46	0 20	23 39	0 5	23 16	17 28	20 24	20 4	21 4		n.a.
T 20	22 53	5n12	3 15	24 44	0 55	24 5	1 9	24 50	1 1	15 49	0 26	4 19	2 42	11 46	0 20	23 39	0 5	23 17	17 28	20 24	20 3	21 7		n.a.
F 21	22 46	11 15	2 11	24 51	1 4	23 57	1 11	24 49	1 1	15 49	0 26	4 20	2 42	11 46	0 20	23 39	0 5	23 17	17 28	20 24	20 3	21 9		n.a.
S 22	22 38	16 51	0 57	24 54	1 13	23 48	1 12	24 49	1 2	15 49	0 26	4 20	2 42	11 46	0 20	23 39	0 5	23 18	17 29	20 24	20 2	21 11		n.a.
S 23	22 31	21 34	0n21	24 56	1 20	23 39	1 13	24 48	1 2	15 49	0 26	4 21	2 42	11 46	0 20	23 39	0 5	23 18	17 29	20 24	20 1	21 13		n.a.
M24	22 22	24 57	1 39	24 54	1 26	23 29	1 14	24 47	1 2	15 50	0 25	4 21	2 43	11 46	0 20	23 39	0 5	23 19	17 29	20 24	20 0	21 15		n.a.
T 25	22 14	26 38	2 50	24 50	1 32	23 19	1 15	24 46	1 3	15 50	0 25	4 22	2 43	11 47	0 20	23 39	0 5	23 19	17 29	20 23	20 0	21 18		n.a.
W26	22 4	26 25	3 49	24 44	1 36	23 7	1 17	24 44	1 3	15 50	0 25	4 22	2 43	11 47	0 20	23 39	0 5	23 20	17 30	20 22	19 59	21 20		n.a.
T 27	21 55	24 23	4 33	24 34	1 40	22 55	1 17	24 43	1 3	15 51	0 25	4 23	2 44	11 47	0 20	23 39	0 5	23 20	17 30	20 20	19 58	21 22		n.a.
F 28	21 45	20 51	4 59	24 23	1 43	22 42	1 18	24 41	1 4	15 51	0 25	4 23	2 44	11 47	0 19	23 40	0 5	23 21	17 30	20 18	19 57	21 24		n.a.
S 29	21 35	16 14	5 6	24 9	1 46	22 29	1 19	24 39	1 4	15 52	0 24	4 24	2 44	11 47	0 19	23 40	0 5	23 21	17 31	20 16	19 57	21 26		n.a.
S 30	21 24	10 57	4 56	23 52	1 47	22 15	1 20	24 37	1 4	15 53	0 24	4 25	2 44	11 47	0 19	23 40	0 5	23 22	17 31	20 14	19 56	21 29		n.a.
M31	21n13	5n20	4n30	23n34	1n48	22n 0	1n21	24n35	1n 5	15s53	0n24	4s26	2s45	11s47	0n19	23s40	0n 5	23s23	17s31	20n13	19n55	21s31		n.a.

Julian Day Number = 1310698.5, Delta T = 07h41m52s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'52, Lahiri = -19°28'52 Julian Calendar 1 July 1125 BCE == Greg. Calendar 20 June 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

AUGUST 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 7	27♋22'12	9♎36	25♋12	0♌18	9♋49	13♏56	25°R14	1♏15	4°R40	11°R37	28°R45	27♉27	2♐52	n.a.	T 1
W 2	20 1 3	28°20'35	21°54	27° 7	1°32	10°27	13°58	25♓13	1°15	4♑39	11♓36	28♉43	27°23	2°58	n.a.	W 2
T 3	20 5 0	29°19'00	3♏57	29° 1	2°47	11° 5	14° 0	25°11	1°16	4°37	11°35	28°D43	27°20	3° 5	n.a.	T 3
F 4	20 8 56	0♌17'26	15°49	0♌54	4° 2	11°43	14° 3	25° 9	1°17	4°36	11°35	28°44	27°17	3°12	n.a.	F 4
S 5	20 12 53	1°15'54	27°37	2°46	5°16	12°21	14° 5	25° 8	1°17	4°34	11°34	28°R44	27°14	3°18	n.a.	S 5
S 6	20 16 49	2°14'25	9♐26	4°37	6°31	12°59	14° 8	25° 6	1°18	4°33	11°33	28°43	27°11	3°25	n.a.	S 6
M 7	20 20 46	3°12'57	21°20	6°27	7°46	13°37	14°11	25° 4	1°19	4°31	11°32	28°41	27° 8	3°32	n.a.	M 7
T 8	20 24 42	4°11'31	3♑22	8°16	9° 1	14°15	14°14	25° 2	1°20	4°30	11°31	28°36	27° 4	3°38	n.a.	T 8
W 9	20 28 39	5°10'06	15°37	10° 4	10°16	14°53	14°18	25° 0	1°21	4°29	11°30	28°28	27° 1	3°45	n.a.	W 9
T 10	20 32 36	6° 8'44	28° 5	11°51	11°30	15°31	14°21	24°57	1°22	4°27	11°29	28°18	26°58	3°52	n.a.	T 10
F 11	20 36 32	7° 7'24	10♒47	13°37	12°45	16° 9	14°25	24°55	1°23	4°26	11°29	28° 7	26°55	3°58	n.a.	F 11
S 12	20 40 29	8° 6'06	23°44	15°22	14° 0	16°47	14°29	24°53	1°24	4°25	11°28	27°55	26°52	4° 5	n.a.	S 12
S 13	20 44 25	9° 4'50	6♓54	17° 6	15°15	17°25	14°33	24°50	1°25	4°23	11°27	27°44	26°48	4°12	n.a.	S 13
M14	20 48 22	10° 3'37	20°16	18°49	16°30	18° 3	14°37	24°47	1°26	4°22	11°26	27°34	26°45	4°18	n.a.	M14
T 15	20 52 18	11° 2'25	3♈49	20°31	17°45	18°41	14°41	24°45	1°27	4°21	11°25	27°26	26°42	4°25	n.a.	T 15
W16	20 56 15	12° 1'16	17°31	22°12	19° 0	19°19	14°46	24°42	1°29	4°20	11°24	27°22	26°39	4°31	n.a.	W16
T 17	21 0 11	13° 0'10	1♉21	23°52	20°14	19°57	14°51	24°39	1°30	4°19	11°23	27°20	26°36	4°38	n.a.	T 17
F 18	21 4 8	13°59'06	15°20	25°30	21°29	20°35	14°56	24°36	1°32	4°17	11°22	27°D19	26°33	4°45	n.a.	F 18
S 19	21 8 4	14°58'04	29°27	27° 8	22°44	21°13	15° 1	24°33	1°33	4°16	11°21	27°R19	26°29	4°51	n.a.	S 19
S 20	21 12 1	15°57'06	13♊41	28°46	23°59	21°51	15° 6	24°29	1°34	4°15	11°20	27°19	26°26	4°58	n.a.	S 20
M21	21 15 58	16°56'09	28° 1	0♍22	25°14	22°29	15°11	24°26	1°36	4°14	11°19	27°16	26°23	5° 5	n.a.	M21
T 22	21 19 54	17°55'15	12♋23	1°57	26°29	23° 7	15°17	24°23	1°38	4°13	11°18	27°11	26°20	5°11	n.a.	T 22
W23	21 23 51	18°54'24	26°43	3°32	27°44	23°45	15°23	24°19	1°39	4°12	11°17	27° 2	26°17	5°18	n.a.	W23
T 24	21 27 47	19°53'34	10♌55	5° 5	28°59	24°23	15°29	24°16	1°41	4°11	11°16	26°51	26°14	5°25	n.a.	T 24
F 25	21 31 44	20°52'47	24°55	6°38	0♍14	25° 1	15°35	24°12	1°43	4°10	11°15	26°39	26°10	5°31	n.a.	F 25
S 26	21 35 40	21°52'02	8♍36	8°10	1°29	25°39	15°41	24° 9	1°44	4° 9	11°13	26°27	26° 7	5°38	n.a.	S 26
S 27	21 39 37	22°51'19	21°57	9°41	2°44	26°17	15°47	24° 5	1°46	4° 8	11°12	26°15	26° 4	5°45	n.a.	S 27
M28	21 43 33	23°50'38	4♎55	11°11	3°59	26°55	15°54	24° 1	1°48	4° 7	11°11	26° 6	26° 1	5°51	n.a.	M28
T 29	21 47 30	24°49'59	17°32	12°40	5°14	27°33	16° 0	23°57	1°50	4° 6	11°10	25°59	25°58	5°58	n.a.	T 29
W30	21 51 27	25°49'22	29°49	14° 9	6°29	28°11	16° 7	23°53	1°52	4° 5	11° 9	25°55	25°54	6° 5	n.a.	W30
T 31	21 55 23	26♌48'47	11♏52	15♍36	7♍44	28♋49	16♏14	23♓49	1♏54	4♑ 4	11♓ 8	25♉53	25♉51	6♐11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 2	0s19	3n52	23n13	1n48	21n45	1n21	24n32	1n 5	15s54	0n24	4s26	2s45	11s48	0n19	23s40	0n 5	23s23	17s31	20n12	19n55	21s33			n.a.
W 2	20 50	5 50	3 4	22 50	1 48	21 29	1 22	24 30	1 5	15 55	0 23	4 27	2 45	11 48	0 19	23 40	0 5	23 24	17 32	20 12	19 54	21 35			n.a.
T 3	20 38	11 1	2 9	22 26	1 47	21 12	1 23	24 27	1 6	15 56	0 23	4 28	2 46	11 48	0 19	23 40	0 5	23 24	17 32	20 12	19 53	21 37			n.a.
F 4	20 25	15 45	1 9	22 0	1 45	20 54	1 23	24 24	1 6	15 57	0 23	4 29	2 46	11 48	0 19	23 40	0 5	23 25	17 32	20 12	19 52	21 40			n.a.
S 5	20 12	19 51	0 6	21 32	1 43	20 37	1 24	24 21	1 6	15 58	0 23	4 30	2 46	11 49	0 19	23 40	0 5	23 25	17 32	20 12	19 52	21 42			n.a.
S 6	19 59	23 10	0s57	21 3	1 41	20 18	1 24	24 17	1 6	15 59	0 23	4 31	2 46	11 49	0 19	23 40	0 5	23 26	17 33	20 12	19 51	21 44			n.a.
M 7	19 45	25 30	1 58	20 33	1 38	19 59	1 24	24 14	1 7	16 0	0 22	4 32	2 47	11 49	0 19	23 40	0 5	23 26	17 33	20 11	19 50	21 46			n.a.
T 8	19 31	26 41	2 54	20 1	1 35	19 39	1 24	24 10	1 7	16 1	0 22	4 33	2 47	11 50	0 19	23 40	0 5	23 27	17 33	20 10	19 49	21 48			n.a.
W 9	19 17	26 35	3 42	19 28	1 31	19 19	1 25	24 6	1 7	16 2	0 22	4 34	2 47	11 50	0 19	23 40	0 5	23 27	17 33	20 9	19 49	21 50			n.a.
T 10	19 2	25 9	4 21	18 54	1 27	18 58	1 25	24 2	1 8	16 4	0 22	4 35	2 47	11 50	0 19	23 40	0 5	23 28	17 33	20 6	19 48	21 52			n.a.
F 11	18 48	22 25	4 48	18 19	1 22	18 37	1 25	23 58	1 8	16 5	0 22	4 37	2 48	11 51	0 19	23 40	0 5	23 29	17 34	20 4	19 47	21 55			n.a.
S 12	18 32	18 33	5 1	17 43	1 18	18 15	1 25	23 53	1 8	16 6	0 21	4 38	2 48	11 51	0 19	23 41	0 5	23 29	17 34	20 1	19 46	21 57			n.a.
S 13	18 17	13 43	4 58	17 7	1 13	17 52	1 25	23 49	1 9	16 8	0 21	4 39	2 48	11 52	0 19	23 41	0 5	23 30	17 34	19 58	19 46	21 59			n.a.
M14	18 1	8 10	4 39	16 30	1 7	17 29	1 25	23 44	1 9	16 9	0 21	4 40	2 48	11 52	0 19	23 41	0 5	23 30	17 34	19 56	19 45	22 1			n.a.
T 15	17 45	2 11	4 4	15 52	1 2	17 6	1 24	23 39	1 9	16 11	0 21	4 42	2 49	11 53	0 19	23 41	0 5	23 31	17 34	19 55	19 44	22 3			n.a.
W16	17 28	4n 0	3 14	15 13	0 56	16 42	1 24	23 34	1 10	16 12	0 21	4 43	2 49	11 53	0 19	23 41	0 5	23 31	17 35	19 53	19 43	22 5			n.a.
T 17	17 11	10 3	2 13	14 34	0 50	16 18	1 24	23 28	1 10	16 14	0 20	4 44	2 49	11 54	0 19	23 41	0 5	23 32	17 35	19 53	19 43	22 7			n.a.
F 18	16 54	15 42	1 3	13 55	0 44	15 53	1 23	23 23	1 10	16 15	0 20	4 46	2 49	11 54	0 19	23 41	0 5	23 32	17 35	19 53	19 42	22 9			n.a.
S 19	16 37	20 33	0n11	13 15	0 38	15 28	1 23	23 17	1 10	16 17	0 20	4 47	2 50	11 55	0 19	23 41	0 5	23 33	17 35	19 53	19 41	22 11			n.a.
S 20	16 19	24 14	1 25	12 35	0 31	15 2	1 22	23 11	1 11	16 19	0 20	4 49	2 50	11 55	0 19	23 41	0 5	23 34	17 35	19 53	19 40	22 14			n.a.
M21	16 1	26 24	2 35	11 54	0 25	14 36	1 22	23 5	1 11	16 21	0 20	4 50	2 50	11 56	0 19	23 41	0 5	23 34	17 35	19 52	19 40	22 16			n.a.
T 22	15 43	26 48	3 34	11 14	0 18	14 9	1 21	22 59	1 11	16 22	0 20	4 52	2 50	11 56	0 19	23 41	0 5	23 35	17 36	19 51	19 39	22 18			n.a.
W23	15 24	25 24	4 20	10 33	0 11	13 42	1 20	22 53	1 12	16 24	0 19	4 53	2 50	11 57	0 19	23 41	0 5	23 35	17 36	19 49	19 38	22 20			n.a.
T 24	15 5	22 24	4 49	9 52	0 4	13 15	1 19	22 46	1 12	16 26	0 19	4 55	2 51	11 57	0 19	23 41	0 5	23 36	17 36	19 46	19 37	22 22			n.a.
F 25	14 46	18 8	5 0	9 11	0s 3	12 48	1 19	22 39	1 12	16 28	0 19	4 57	2 51	11 58	0 19	23 41	0 5	23 36	17 36	19 43	19 37	22 24			n.a.
S 26	14 27	13 0	4 54	8 29	0 10	12 20	1 18	22 33	1 12	16 30	0 19	4 58	2 51	11 59	0 19	23 41	0 5	23 37	17 36	19 41	19 36	22 26			n.a.
S 27	14 7	7 23	4 31	7 48	0 17	11 51	1 17	22 26	1 13	16 32	0 19	5 0	2 51	11 59	0 19	23 41	0 5	23 37	17 36	19 38	19 35	22 28			n.a.
M28	13 47	1 36	3 55	7 7	0 25	11 23	1 16	22 18	1 13	16 34	0 18	5 2	2 51	12 0	0 19	23 41	0 5	23 38	17 36	19 36	19 34	22 30			n.a.
T 29	13 27	4s 6	3 8	6 25	0 32	10 54	1 15	22 11	1 13	16 36	0 18	5 3	2 52	12 1	0 19	23 41	0 5	23 38	17 36	19 34	19 34	22 32			n.a.
W30	13 7	9 31	2 13	5 44	0 39	10 25	1 13	22 4	1 14	16 39	0 18	5 5	2 52	12 1	0 19	23 41	0 5	23 39	17 37	19 33	19 33	22 34			n.a.
T 31	12n47	14s29	1n14	5n 3	0s46	9n55	1n12	21n56	1n14	16s41	0n18	5s 7	2s52	12s 2	0n19	23s41	0n 4	23s39	17s37	19n33	19n32	22s36			n.a.

Julian Day Number = 1310729.5, Delta T = 07h41m50s
Ecliptic obliquity = 23°49'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'48, Lahiri = -19°28'47 Julian Calendar 1 Aug. 1125 BCE == Greg. Calendar 21 July 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

SEPTEMBER 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 59 20	27♌48'14	23♏45	17♍ 3	8♍59	29♋27	16♏21	23°R45	1♏56	4°R 4	11°R 7	25°R53	25♉48	6♐18	n.a.	F 1
S 2	22 3 16	28°47'43	5♐33	18°29	10°14	0♌ 5	16°29	23♓41	1°58	4♑ 3	11♓ 6	25♉53	25°45	6°24	n.a.	S 2
S 3	22 7 13	29°47'14	17°22	19°54	11°29	0°43	16°36	23°37	2° 0	4° 2	11° 5	25°52	25°42	6°31	n.a.	S 3
M 4	22 11 9	0♍46'47	29°18	21°18	12°44	1°21	16°44	23°32	2° 2	4° 1	11° 3	25°49	25°39	6°38	n.a.	M 4
T 5	22 15 6	1°46'22	11♑25	22°41	13°59	1°59	16°51	23°28	2° 5	4° 1	11° 2	25°44	25°35	6°44	n.a.	T 5
W 6	22 19 2	2°45'58	23°47	24° 3	15°14	2°37	16°59	23°24	2° 7	4° 0	11° 1	25°36	25°32	6°51	n.a.	W 6
T 7	22 22 59	3°45'37	6♒27	25°24	16°29	3°15	17° 7	23°19	2° 9	3°59	11° 0	25°26	25°29	6°58	n.a.	T 7
F 8	22 26 55	4°45'18	19°25	26°44	17°44	3°53	17°15	23°15	2°12	3°59	10°59	25°14	25°26	7° 4	n.a.	F 8
S 9	22 30 52	5°45'00	2♓43	28° 3	18°59	4°31	17°24	23°10	2°14	3°58	10°58	25° 1	25°23	7°11	n.a.	S 9
S 10	22 34 49	6°44'45	16°17	29°20	20°14	5° 9	17°32	23° 6	2°16	3°58	10°57	24°48	25°19	7°18	n.a.	S 10
M11	22 38 45	7°44'32	0♈ 4	0♎36	21°29	5°47	17°41	23° 1	2°19	3°57	10°55	24°38	25°16	7°24	n.a.	M11
T 12	22 42 42	8°44'21	14° 1	1°51	22°44	6°25	17°49	22°56	2°21	3°57	10°54	24°30	25°13	7°31	n.a.	T 12
W13	22 46 38	9°44'12	28° 4	3° 4	23°59	7° 3	17°58	22°52	2°24	3°56	10°53	24°25	25°10	7°38	n.a.	W13
T 14	22 50 35	10°44'06	12♉10	4°15	25°14	7°40	18° 7	22°47	2°26	3°56	10°52	24°22	25° 7	7°44	n.a.	T 14
F 15	22 54 31	11°44'03	26°17	5°25	26°29	8°18	18°16	22°42	2°29	3°55	10°51	24°D22	25° 4	7°51	n.a.	F 15
S 16	22 58 28	12°44'01	10♊24	6°33	27°44	8°56	18°25	22°37	2°32	3°55	10°50	24°R22	25° 0	7°58	n.a.	S 16
S 17	23 2 24	13°44'02	24°29	7°38	28°59	9°34	18°34	22°33	2°34	3°55	10°49	24°22	24°57	8° 4	n.a.	S 17
M18	23 6 21	14°44'06	8♋32	8°41	0♎14	10°12	18°44	22°28	2°37	3°54	10°47	24°20	24°54	8°11	n.a.	M18
T 19	23 10 18	15°44'12	22°31	9°42	1°29	10°50	18°53	22°23	2°40	3°54	10°46	24°15	24°51	8°18	n.a.	T 19
W20	23 14 14	16°44'20	6♌25	10°39	2°44	11°28	19° 3	22°18	2°43	3°54	10°45	24° 8	24°48	8°24	n.a.	W20
T 21	23 18 11	17°44'30	20°10	11°33	3°59	12° 6	19°13	22°13	2°46	3°54	10°44	23°58	24°45	8°31	n.a.	T 21
F 22	23 22 7	18°44'42	3♍45	12°23	5°14	12°44	19°23	22° 8	2°48	3°54	10°43	23°47	24°41	8°37	n.a.	F 22
S 23	23 26 4	19°44'56	17° 6	13°10	6°29	13°22	19°33	22° 3	2°51	3°54	10°42	23°35	24°38	8°44	n.a.	S 23
S 24	23 30 0	20°45'12	0♎10	13°51	7°43	14° 0	19°43	21°58	2°54	3°53	10°40	23°24	24°35	8°51	n.a.	S 24
M25	23 33 57	21°45'30	12°57	14°28	8°58	14°38	19°53	21°54	2°57	3°53	10°39	23°16	24°32	8°57	n.a.	M25
T 26	23 37 53	22°45'50	25°27	14°59	10°13	15°15	20° 3	21°49	3° 0	3°D53	10°38	23° 9	24°29	9° 4	n.a.	T 26
W27	23 41 50	23°46'12	7♏41	15°24	11°28	15°53	20°14	21°44	3° 3	3°53	10°37	23° 6	24°25	9°11	n.a.	W27
T 28	23 45 46	24°46'35	19°42	15°42	12°43	16°31	20°24	21°39	3° 6	3°53	10°36	23°D 4	24°22	9°17	n.a.	T 28
F 29	23 49 43	25°47'00	1♐34	15°53	13°58	17° 9	20°35	21°34	3° 9	3°54	10°35	23° 5	24°19	9°24	n.a.	F 29
S 30	23 53 40	26♍47'27	13♐21	15°R55	15♎13	17♌47	20♏46	21♓29	3♏12	3♑54	10♓34	23♉ 6	24♉16	9♐31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n26	18s50	0n11	4n22	0s54	9n25	1n11	21n48	1n14	16s43	0n18	5s 9	2s52	12s 3	0n19	23s42	0n 4	23s40	17s37	19n32	19n31	22s38		n.a.
S 2	12 5	22 25	0s51	3 42	1 1	8 55	1 10	21 40	1 14	16 45	0 18	5 11	2 52	12 4	0 19	23 42	0 4	23 40	17 37	19 32	19 31	22 40		n.a.
S 3	11 44	25 4	1 51	3 1	1 8	8 25	1 8	21 32	1 15	16 48	0 17	5 12	2 52	12 4	0 19	23 42	0 4	23 41	17 37	19 32	19 30	22 42		n.a.
M 4	11 22	26 37	2 47	2 21	1 15	7 55	1 7	21 24	1 15	16 50	0 17	5 14	2 53	12 5	0 19	23 42	0 4	23 42	17 37	19 32	19 29	22 44		n.a.
T 5	11 1	26 55	3 36	1 42	1 22	7 24	1 5	21 16	1 15	16 52	0 17	5 16	2 53	12 6	0 19	23 42	0 4	23 42	17 37	19 30	19 28	22 46		n.a.
W 6	10 39	25 54	4 16	1 2	1 29	6 53	1 4	21 7	1 15	16 55	0 17	5 18	2 53	12 7	0 18	23 42	0 4	23 43	17 37	19 28	19 27	22 48		n.a.
T 7	10 17	23 33	4 45	0 23	1 36	6 22	1 2	20 58	1 16	16 57	0 17	5 20	2 53	12 8	0 18	23 42	0 4	23 43	17 37	19 26	19 27	22 50		n.a.
F 8	9 55	19 57	4 59	0s15	1 43	5 51	1 0	20 50	1 16	17 0	0 16	5 22	2 53	12 9	0 18	23 42	0 4	23 44	17 37	19 23	19 26	22 52		n.a.
S 9	9 33	15 17	4 58	0 53	1 50	5 20	0 59	20 41	1 16	17 2	0 16	5 24	2 53	12 9	0 18	23 42	0 4	23 44	17 37	19 20	19 25	22 54		n.a.
S 10	9 11	9 47	4 40	1 31	1 57	4 48	0 57	20 32	1 16	17 5	0 16	5 26	2 53	12 10	0 18	23 42	0 4	23 44	17 37	19 17	19 24	22 56		n.a.
M11	8 48	3 43	4 6	2 7	2 3	4 16	0 55	20 22	1 17	17 7	0 16	5 28	2 53	12 11	0 18	23 42	0 4	23 45	17 37	19 14	19 24	22 58		n.a.
T 12	8 25	2n36	3 16	2 43	2 9	3 45	0 53	20 13	1 17	17 10	0 16	5 30	2 53	12 12	0 18	23 42	0 4	23 45	17 37	19 12	19 23	23 0		n.a.
W13	8 3	8 52	2 15	3 18	2 15	3 13	0 51	20 3	1 17	17 13	0 16	5 32	2 54	12 13	0 18	23 42	0 4	23 46	17 37	19 11	19 22	23 2		n.a.
T 14	7 40	14 43	1 4	3 52	2 21	2 41	0 49	19 54	1 17	17 15	0 16	5 34	2 54	12 14	0 18	23 42	0 4	23 46	17 37	19 10	19 21	23 4		n.a.
F 15	7 17	19 48	0n10	4 26	2 27	2 9	0 47	19 44	1 18	17 18	0 15	5 36	2 54	12 15	0 18	23 42	0 4	23 47	17 37	19 10	19 21	23 6		n.a.
S 16	6 53	23 45	1 24	4 58	2 32	1 37	0 45	19 34	1 18	17 21	0 15	5 38	2 54	12 16	0 18	23 42	0 4	23 47	17 37	19 10	19 20	23 8		n.a.
S 17	6 30	26 15	2 33	5 28	2 37	1 4	0 43	19 24	1 18	17 24	0 15	5 40	2 54	12 17	0 18	23 42	0 4	23 48	17 37	19 10	19 19	23 10		n.a.
M18	6 6	27 4	3 32	5 58	2 42	0 32	0 41	19 14	1 18	17 26	0 15	5 42	2 54	12 18	0 18	23 42	0 4	23 48	17 37	19 10	19 18	23 12		n.a.
T 19	5 43	26 9	4 18	6 26	2 46	0s 0	0 39	19 3	1 19	17 29	0 15	5 44	2 54	12 19	0 18	23 42	0 4	23 49	17 37	19 8	19 17	23 14		n.a.
W20	5 19	23 37	4 49	6 52	2 49	0 32	0 37	18 53	1 19	17 32	0 15	5 45	2 54	12 20	0 18	23 42	0 4	23 49	17 37	19 7	19 17	23 16		n.a.
T 21	4 55	19 45	5 2	7 17	2 53	1 5	0 35	18 42	1 19	17 35	0 14	5 47	2 54	12 21	0 18	23 42	0 4	23 49	17 37	19 4	19 16	23 18		n.a.
F 22	4 31	14 54	4 58	7 39	2 55	1 37	0 32	18 32	1 19	17 38	0 14	5 49	2 54	12 22	0 18	23 42	0 4	23 50	17 37	19 1	19 15	23 20		n.a.
S 23	4 7	9 26	4 38	7 59	2 57	2 9	0 30	18 21	1 20	17 41	0 14	5 51	2 54	12 23	0 18	23 42	0 4	23 50	17 37	18 58	19 14	23 22		n.a.
S 24	3 43	3 39	4 3	8 17	2 58	2 41	0 28	18 10	1 20	17 44	0 14	5 53	2 54	12 24	0 18	23 42	0 4	23 51	17 37	18 56	19 13	23 23		n.a.
M25	3 19	2s11	3 17	8 32	2 59	3 14	0 25	17 59	1 20	17 47	0 14	5 55	2 54	12 25	0 18	23 42	0 4	23 51	17 37	18 53	19 13	23 25		n.a.
T 26	2 55	7 48	2 22	8 44	2 58	3 46	0 23	17 48	1 20	17 50	0 14	5 57	2 54	12 26	0 18	23 42	0 4	23 51	17 37	18 52	19 12	23 27		n.a.
W27	2 31	13 1	1 22	8 52	2 57	4 18	0 21	17 37	1 20	17 52	0 13	5 59	2 54	12 27	0 18	23 42	0 4	23 52	17 37	18 51	19 11	23 29		n.a.
T 28	2 6	17 39	0 18	8 57	2 54	4 50	0 18	17 25	1 21	17 55	0 13	6 1	2 54	12 28	0 18	23 42	0 4	23 52	17 36	18 51	19 10	23 31		n.a.
F 29	1 42	21 33	0s45	8 57	2 50	5 21	0 16	17 14	1 21	17 59	0 13	6 3	2 54	12 29	0 18	23 42	0 4	23 52	17 36	18 51	19 10	23 33		n.a.
S 30	1n18	24s32	1s47	8s53	2s45	5s53	0n13	17n 2	1n21	18s 2	0n13	6s 5	2s54	12s30	0n18	23s42	0n 4	23s53	17s36	18n51	19n 9	23s35		n.a.

Julian Day Number = 1310760.5, Delta T = 07h41m48s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'44, Lahiri = -19°28'43 Julian Calendar 1 Sept. 1125 BCE == Greg. Calendar 21 Aug. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

OCTOBER 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 36	27♍47'55	25♐10	15°R48	16♎28	18♌25	20♏56	21°R24	3♏16	3♑54	10°R33	23°R 6	24♉13	9♐37	n.a.	S 1
M 2	0 1 33	28°48'25	7♑ 5	15♎32	17°43	19° 3	21° 7	21♓19	3°19	3°54	10♓32	23♉ 6	24°10	9°44	n.a.	M 2
T 3	0 5 29	29°48'56	19°12	15° 6	18°58	19°41	21°18	21°14	3°22	3°54	10°30	23° 4	24° 6	9°51	n.a.	T 3
W 4	0 9 26	0♎49'29	1♒36	14°31	20°13	20°18	21°29	21°10	3°25	3°54	10°29	22°59	24° 3	9°57	n.a.	W 4
T 5	0 13 22	1°50'03	14°19	13°45	21°28	20°56	21°41	21° 5	3°28	3°55	10°28	22°53	24° 0	10° 4	n.a.	T 5
F 6	0 17 19	2°50'38	27°26	12°49	22°43	21°34	21°52	21° 0	3°32	3°55	10°27	22°45	23°57	10°11	n.a.	F 6
S 7	0 21 15	3°51'16	10♓56	11°45	23°57	22°12	22° 3	20°55	3°35	3°55	10°26	22°36	23°54	10°17	n.a.	S 7
S 8	0 25 12	4°51'54	24°48	10°33	25°12	22°50	22°15	20°51	3°38	3°56	10°25	22°28	23°50	10°24	n.a.	S 8
M 9	0 29 9	5°52'34	8♈59	9°16	26°27	23°28	22°26	20°46	3°42	3°56	10°24	22°21	23°47	10°31	n.a.	M 9
T 10	0 33 5	6°53'16	23°22	7°56	27°42	24° 5	22°38	20°41	3°45	3°57	10°23	22°15	23°44	10°37	n.a.	T 10
W11	0 37 2	7°53'59	7♉53	6°35	28°57	24°43	22°50	20°37	3°48	3°57	10°22	22°13	23°41	10°44	n.a.	W11
T 12	0 40 58	8°54'44	22°25	5°16	0♏12	25°21	23° 2	20°32	3°52	3°58	10°21	22°D12	23°38	10°50	n.a.	T 12
F 13	0 44 55	9°55'31	6♊53	4° 1	1°26	25°59	23°14	20°28	3°55	3°58	10°20	22°12	23°35	10°57	n.a.	F 13
S 14	0 48 51	10°56'19	21°14	2°54	2°41	26°37	23°26	20°23	3°59	3°59	10°19	22°14	23°31	11° 4	n.a.	S 14
S 15	0 52 48	11°57'10	5♋24	1°55	3°56	27°14	23°38	20°19	4° 2	4° 0	10°18	22°R15	23°28	11°10	n.a.	S 15
M16	0 56 44	12°58'02	19°23	1° 7	5°11	27°52	23°50	20°15	4° 6	4° 0	10°17	22°15	23°25	11°17	n.a.	M16
T 17	1 0 41	13°58'56	3♌ 9	0°30	6°25	28°30	24° 2	20°10	4° 9	4° 1	10°16	22°13	23°22	11°24	n.a.	T 17
W18	1 4 38	14°59'51	16°44	0° 4	7°40	29° 8	24°14	20° 6	4°13	4° 2	10°15	22°10	23°19	11°30	n.a.	W18
T 19	1 8 34	16° 0'48	0♍ 6	29♍50	8°55	29°46	24°27	20° 2	4°16	4° 2	10°14	22° 5	23°16	11°37	n.a.	T 19
F 20	1 12 31	17° 1'46	13°15	29°D48	10°10	0♍23	24°39	19°58	4°20	4° 3	10°14	21°59	23°12	11°44	n.a.	F 20
S 21	1 16 27	18° 2'46	26°11	29°56	11°24	1° 1	24°51	19°54	4°23	4° 4	10°13	21°52	23° 9	11°50	n.a.	S 21
S 22	1 20 24	19° 3'47	8♎54	0♎14	12°39	1°39	25° 4	19°50	4°27	4° 5	10°12	21°47	23° 6	11°57	n.a.	S 22
M23	1 24 20	20° 4'49	21°24	0°41	13°54	2°17	25°17	19°46	4°30	4° 6	10°11	21°42	23° 3	12° 4	n.a.	M23
T 24	1 28 17	21° 5'52	3♏42	1°16	15° 9	2°54	25°29	19°42	4°34	4° 7	10°10	21°39	23° 0	12°10	n.a.	T 24
W25	1 32 13	22° 6'57	15°48	1°59	16°23	3°32	25°42	19°38	4°38	4° 8	10° 9	21°D37	22°56	12°17	n.a.	W25
T 26	1 36 10	23° 8'02	27°45	2°47	17°38	4°10	25°55	19°35	4°41	4° 9	10° 8	21°37	22°53	12°24	n.a.	T 26
F 27	1 40 7	24° 9'08	9♐35	3°42	18°53	4°48	26° 8	19°31	4°45	4°10	10° 8	21°39	22°50	12°30	n.a.	F 27
S 28	1 44 3	25°10'16	21°22	4°41	20° 7	5°25	26°21	19°28	4°48	4°11	10° 7	21°40	22°47	12°37	n.a.	S 28
S 29	1 48 0	26°11'24	3♑10	5°45	21°22	6° 3	26°34	19°24	4°52	4°12	10° 6	21°42	22°44	12°44	n.a.	S 29
M30	1 51 56	27°12'32	15° 4	6°53	22°36	6°41	26°47	19°21	4°56	4°13	10° 5	21°44	22°41	12°50	n.a.	M30
T 31	1 55 53	28♎13'41	27♑ 8	8♎ 3	23♏51	7♍18	27♏ 0	19♓18	4♏59	4♑14	10♓ 5	21°R44	22♉37	12♐57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	0n53	26s28	2s44	8s45	2s38	6s25	0n11	16n51	1n21	18s 5	0n13	6s 7	2s54	12s31	0n18	23s42	0n 4	23s53	17s36	18n51	19n 8	23s37			n.a.
M 2	0 29	27 12	3 34	8 31	2 30	6 56	0 8	16 39	1 22	18 8	0 13	6 9	2 54	12 32	0 18	23 42	0 4	23 53	17 36	18 51	19 7	23 38			n.a.
T 3	0 4	26 39	4 16	8 11	2 20	7 27	0 6	16 27	1 22	18 11	0 13	6 11	2 54	12 33	0 18	23 42	0 4	23 54	17 36	18 50	19 6	23 40			n.a.
W 4	0s20	24 46	4 46	7 46	2 8	7 59	0 3	16 15	1 22	18 14	0 12	6 13	2 54	12 35	0 18	23 42	0 4	23 54	17 36	18 49	19 6	23 42			n.a.
T 5	0 44	21 38	5 4	7 15	1 54	8 30	0 1	16 3	1 22	18 17	0 12	6 15	2 54	12 36	0 18	23 42	0 4	23 54	17 36	18 48	19 5	23 44			n.a.
F 6	1 9	17 20	5 6	6 39	1 39	9 0	0s 2	15 50	1 22	18 20	0 12	6 17	2 54	12 37	0 18	23 42	0 4	23 55	17 35	18 46	19 4	23 46			n.a.
S 7	1 33	12 4	4 52	5 58	1 22	9 31	0 5	15 38	1 23	18 23	0 12	6 18	2 54	12 38	0 18	23 42	0 4	23 55	17 35	18 43	19 3	23 48			n.a.
S 8	1 58	6 4	4 20	5 13	1 3	10 1	0 7	15 26	1 23	18 26	0 12	6 20	2 54	12 39	0 18	23 42	0 4	23 55	17 35	18 41	19 2	23 50			n.a.
M 9	2 22	0n23	3 32	4 24	0 43	10 31	0 10	15 13	1 23	18 29	0 12	6 22	2 53	12 40	0 18	23 42	0 4	23 55	17 35	18 39	19 2	23 51			n.a.
T 10	2 47	6 55	2 30	3 33	0 23	11 1	0 12	15 1	1 23	18 33	0 12	6 24	2 53	12 42	0 18	23 42	0 4	23 56	17 35	18 38	19 1	23 53			n.a.
W11	3 11	13 9	1 17	2 41	0 2	11 31	0 15	14 48	1 23	18 36	0 11	6 26	2 53	12 43	0 18	23 42	0 4	23 56	17 35	18 37	19 0	23 55			n.a.
T 12	3 35	18 42	0n 1	1 51	0n18	12 0	0 18	14 35	1 24	18 39	0 11	6 27	2 53	12 44	0 18	23 42	0 4	23 56	17 34	18 37	18 59	23 57			n.a.
F 13	4 0	23 7	1 19	1 2	0 38	12 29	0 20	14 22	1 24	18 42	0 11	6 29	2 53	12 45	0 18	23 42	0 4	23 56	17 34	18 37	18 58	23 59			n.a.
S 14	4 24	26 3	2 31	0 18	0 57	12 57	0 23	14 9	1 24	18 45	0 11	6 31	2 53	12 46	0 18	23 42	0 4	23 57	17 34	18 37	18 58	24 0			n.a.
S 15	4 48	27 16	3 33	0n21	1 14	13 26	0 25	13 56	1 24	18 48	0 11	6 32	2 53	12 48	0 18	23 42	0 4	23 57	17 34	18 38	18 57	24 2			n.a.
M16	5 12	26 43	4 22	0 55	1 30	13 54	0 28	13 43	1 24	18 52	0 11	6 34	2 53	12 49	0 18	23 42	0 4	23 57	17 34	18 38	18 56	24 4			n.a.
T 17	5 36	24 32	4 54	1 23	1 44	14 22	0 31	13 30	1 24	18 55	0 11	6 35	2 53	12 50	0 18	23 42	0 4	23 57	17 33	18 37	18 55	24 6			n.a.
W18	6 0	20 59	5 10	1 44	1 55	14 49	0 33	13 17	1 25	18 58	0 11	6 37	2 52	12 51	0 18	23 42	0 4	23 57	17 33	18 36	18 54	24 7			n.a.
T 19	6 24	16 24	5 8	1 59	2 5	15 16	0 36	13 4	1 25	19 1	0 10	6 39	2 52	12 52	0 18	23 42	0 4	23 57	17 33	18 35	18 53	24 9			n.a.
F 20	6 48	11 8	4 50	2 7	2 13	15 42	0 38	12 50	1 25	19 4	0 10	6 40	2 52	12 54	0 18	23 42	0 4	23 58	17 33	18 34	18 53	24 11			n.a.
S 21	7 11	5 28	4 17	2 9	2 20	16 9	0 41	12 37	1 25	19 8	0 10	6 41	2 52	12 55	0 18	23 42	0 4	23 58	17 32	18 32	18 52	24 13			n.a.
S 22	7 35	0s20	3 33	2 6	2 24	16 34	0 43	12 23	1 25	19 11	0 10	6 43	2 52	12 56	0 18	23 42	0 4	23 58	17 32	18 30	18 51	24 14			n.a.
M23	7 58	6 3	2 38	1 58	2 27	17 0	0 46	12 10	1 25	19 14	0 10	6 44	2 52	12 57	0 18	23 42	0 4	23 58	17 32	18 29	18 50	24 16			n.a.
T 24	8 22	11 26	1 37	1 46	2 29	17 25	0 48	11 56	1 26	19 17	0 10	6 46	2 51	12 59	0 18	23 42	0 4	23 58	17 32	18 28	18 49	24 18			n.a.
W25	8 45	16 20	0 32	1 29	2 30	17 49	0 51	11 42	1 26	19 21	0 10	6 47	2 51	13 0	0 18	23 42	0 4	23 58	17 31	18 28	18 49	24 20			n.a.
T 26	9 8	20 31	0s34	1 9	2 29	18 13	0 53	11 28	1 26	19 24	0 10	6 48	2 51	13 1	0 18	23 42	0 4	23 58	17 31	18 28	18 48	24 21			n.a.
F 27	9 31	23 51	1 37	0 46	2 28	18 36	0 56	11 14	1 26	19 27	0 9	6 50	2 51	13 2	0 18	23 42	0 4	23 58	17 31	18 28	18 47	24 23			n.a.
S 28	9 54	26 9	2 36	0 20	2 26	18 59	0 58	11 0	1 26	19 30	0 9	6 51	2 51	13 3	0 18	23 42	0 4	23 58	17 31	18 29	18 46	24 25			n.a.
S 29	10 16	27 17	3 29	0s 9	2 23	19 22	1 0	10 46	1 26	19 33	0 9	6 52	2 50	13 5	0 18	23 42	0 4	23 58	17 30	18 29	18 45	24 27			n.a.
M30	10 39	27 9	4 13	0 39	2 19	19 44	1 3	10 32	1 26	19 37	0 9	6 53	2 50	13 6	0 18	23 42	0 4	23 58	17 30	18 30	18 44	24 28			n.a.
T 31	11s 1	25s46	4s47	1s11	2n15	20s 5	1s 5	10n18	1n27	19s40	0n 9	6s54	2s50	13s 7	0n18	23s42	0n 4	23s59	17s30	18n30	18n44	24s30			n.a.

Julian Day Number = 1310790.5, Delta T = 07h41m47s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'40, Lahiri = -19°28'39 Julian Calendar 1 Oct. 1125 BCE == Greg. Calendar 20 Sept. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

NOVEMBER 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 59 49	29♎14'51	9♒28	9♎17	25♏ 6	7♍56	27♏13	19°R14	5♏ 3	4♉15	10°R 4	21°R44	22♉34	13♐ 4	n.a.	W 1
T 2	2 3 46	0♏16'01	22° 8	10°33	26°20	8°33	27°26	19♓11	5° 7	4°17	10♓ 3	21♉42	22°31	13°10	n.a.	T 2
F 3	2 7 42	1°17'12	5♓12	11°51	27°35	9°11	27°39	19° 8	5°10	4°18	10° 3	21°40	22°28	13°17	n.a.	F 3
S 4	2 11 39	2°18'23	18°42	13°11	28°49	9°49	27°53	19° 5	5°14	4°19	10° 2	21°37	22°25	13°23	n.a.	S 4
S 5	2 15 36	3°19'35	2♈39	14°32	0♐ 4	10°26	28° 6	19° 3	5°18	4°20	10° 1	21°34	22°22	13°30	n.a.	S 5
M 6	2 19 32	4°20'47	17° 0	15°55	1°18	11° 4	28°19	19° 0	5°21	4°22	10° 1	21°32	22°18	13°37	n.a.	M 6
T 7	2 23 29	5°21'59	1♉41	17°19	2°33	11°41	28°33	18°57	5°25	4°23	10° 0	21°31	22°15	13°43	n.a.	T 7
W 8	2 27 25	6°23'13	16°35	18°44	3°47	12°19	28°46	18°55	5°29	4°24	9°59	21°D30	22°12	13°50	n.a.	W 8
T 9	2 31 22	7°24'27	1♊33	20°10	5° 1	12°57	29° 0	18°52	5°32	4°26	9°59	21°30	22° 9	13°57	n.a.	T 9
F 10	2 35 18	8°25'41	16°28	21°36	6°16	13°34	29°13	18°50	5°36	4°27	9°58	21°31	22° 6	14° 3	n.a.	F 10
S 11	2 39 15	9°26'57	1♋13	23° 4	7°30	14°12	29°27	18°48	5°40	4°29	9°58	21°32	22° 2	14°10	n.a.	S 11
S 12	2 43 12	10°28'13	15°41	24°32	8°45	14°49	29°41	18°46	5°43	4°30	9°57	21°33	21°59	14°17	n.a.	S 12
M13	2 47 8	11°29'29	29°50	26° 0	9°59	15°27	29°54	18°44	5°47	4°32	9°57	21°33	21°56	14°23	n.a.	M13
T 14	2 51 5	12°30'46	13♌38	27°29	11°13	16° 4	0♐ 8	18°42	5°51	4°33	9°56	21°R33	21°53	14°30	n.a.	T 14
W15	2 55 1	13°32'04	27° 6	28°59	12°27	16°42	0°22	18°40	5°54	4°35	9°56	21°33	21°50	14°37	n.a.	W15
T 16	2 58 58	14°33'22	10♍14	0♏29	13°42	17°19	0°35	18°39	5°58	4°37	9°56	21°33	21°47	14°43	n.a.	T 16
F 17	3 2 54	15°34'41	23° 6	1°59	14°56	17°56	0°49	18°37	6° 2	4°38	9°55	21°32	21°43	14°50	n.a.	F 17
S 18	3 6 51	16°36'00	5♎42	3°30	16°10	18°34	1° 3	18°35	6° 5	4°40	9°55	21°31	21°40	14°57	n.a.	S 18
S 19	3 10 47	17°37'19	18° 6	5° 1	17°24	19°11	1°17	18°34	6° 9	4°41	9°54	21°31	21°37	15° 3	n.a.	S 19
M20	3 14 44	18°38'39	0♏19	6°32	18°38	19°49	1°31	18°33	6°13	4°43	9°54	21°30	21°34	15°10	n.a.	M20
T 21	3 18 41	19°39'59	12°23	8° 4	19°53	20°26	1°45	18°32	6°16	4°45	9°54	21°30	21°31	15°17	n.a.	T 21
W22	3 22 37	20°41'19	24°20	9°36	21° 7	21° 3	1°58	18°31	6°20	4°47	9°54	21°D30	21°28	15°23	n.a.	W22
T 23	3 26 34	21°42'39	6♐11	11° 8	22°21	21°41	2°12	18°30	6°23	4°48	9°53	21°R30	21°24	15°30	n.a.	T 23
F 24	3 30 30	22°43'58	18° 0	12°40	23°35	22°18	2°26	18°29	6°27	4°50	9°53	21°30	21°21	15°37	n.a.	F 24
S 25	3 34 27	23°45'18	29°47	14°13	24°49	22°55	2°40	18°28	6°30	4°52	9°53	21°30	21°18	15°43	n.a.	S 25
S 26	3 38 23	24°46'37	11♑37	15°47	26° 3	23°33	2°54	18°28	6°34	4°54	9°53	21°29	21°15	15°50	n.a.	S 26
M27	3 42 20	25°47'56	23°32	17°20	27°17	24°10	3° 8	18°27	6°38	4°56	9°52	21°29	21°12	15°57	n.a.	M27
T 28	3 46 16	26°49'14	5♒36	18°54	28°31	24°47	3°22	18°27	6°41	4°58	9°52	21°28	21° 8	16° 3	n.a.	T 28
W29	3 50 13	27°50'32	17°53	20°28	29°45	25°24	3°36	18°27	6°45	4°59	9°52	21°28	21° 5	16°10	n.a.	W29
T 30	3 54 10	28♏51'49	0♓27	22♏ 3	0♑58	26♍ 1	3♐50	18°D27	6♏48	5♑ 1	9♓52	21°D28	21♉ 2	16♐17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s23	23s 7	5s 8	1s45	2n10	20s26	1s 7	10n 4	1n27	19s43	0n 9	6s55	2s50	13s 9	0n18	23s42	0n 4	23s59	17s30	18n30	18n43	24s32		n.a.
T 2	11 45	19 19	5 16	2 20	2 5	20 46	1 9	9 50	1 27	19 46	0 9	6 56	2 50	13 10	0 18	23 42	0 4	23 59	17 29	18 29	18 42	24 33		n.a.
F 3	12 7	14 30	5 7	2 56	1 59	21 6	1 11	9 36	1 27	19 49	0 9	6 57	2 49	13 11	0 18	23 42	0 4	23 59	17 29	18 29	18 41	24 35		n.a.
S 4	12 28	8 50	4 41	3 33	1 53	21 25	1 14	9 21	1 27	19 52	0 8	6 58	2 49	13 12	0 18	23 42	0 4	23 59	17 29	18 28	18 40	24 37		n.a.
S 5	12 50	2 34	3 58	4 10	1 47	21 44	1 16	9 7	1 27	19 56	0 8	6 59	2 49	13 14	0 18	23 42	0 3	23 58	17 28	18 27	18 40	24 38		n.a.
M 6	13 11	4n 2	3 0	4 49	1 41	22 1	1 18	8 53	1 27	19 59	0 8	7 0	2 49	13 15	0 18	23 42	0 3	23 58	17 28	18 27	18 39	24 40		n.a.
T 7	13 31	10 34	1 48	5 27	1 35	22 19	1 20	8 38	1 28	20 2	0 8	7 1	2 48	13 16	0 18	23 42	0 3	23 58	17 28	18 26	18 38	24 42		n.a.
W 8	13 52	16 38	0 27	6 6	1 28	22 35	1 22	8 24	1 28	20 5	0 8	7 2	2 48	13 17	0 17	23 42	0 3	23 58	17 27	18 26	18 37	24 43		n.a.
T 9	14 12	21 43	0n55	6 45	1 21	22 51	1 24	8 9	1 28	20 8	0 8	7 2	2 48	13 19	0 17	23 42	0 3	23 58	17 27	18 26	18 36	24 45		n.a.
F 10	14 33	25 21	2 14	7 25	1 14	23 6	1 25	7 55	1 28	20 11	0 8	7 3	2 48	13 20	0 17	23 42	0 3	23 58	17 27	18 26	18 35	24 47		n.a.
S 11	14 53	27 12	3 23	8 4	1 7	23 21	1 27	7 40	1 28	20 14	0 8	7 4	2 47	13 21	0 17	23 42	0 3	23 58	17 26	18 26	18 35	24 48		n.a.
S 12	15 12	27 9	4 17	8 44	1 0	23 35	1 29	7 25	1 28	20 17	0 7	7 4	2 47	13 22	0 17	23 42	0 3	23 58	17 26	18 27	18 34	24 50		n.a.
M13	15 32	25 19	4 55	9 23	0 53	23 48	1 31	7 11	1 28	20 20	0 7	7 5	2 47	13 23	0 17	23 42	0 3	23 58	17 26	18 27	18 33	24 51		n.a.
T 14	15 51	22 1	5 14	10 2	0 46	24 1	1 32	6 56	1 28	20 24	0 7	7 5	2 47	13 25	0 17	23 42	0 3	23 58	17 25	18 27	18 32	24 53		n.a.
W15	16 9	17 37	5 16	10 41	0 39	24 12	1 34	6 41	1 28	20 27	0 7	7 6	2 46	13 26	0 17	23 42	0 3	23 58	17 25	18 27	18 31	24 55		n.a.
T 16	16 28	12 29	5 1	11 20	0 32	24 24	1 35	6 27	1 28	20 30	0 7	7 6	2 46	13 27	0 17	23 42	0 3	23 57	17 25	18 27	18 30	24 56		n.a.
F 17	16 46	6 55	4 31	11 58	0 25	24 34	1 37	6 12	1 29	20 33	0 7	7 7	2 46	13 28	0 17	23 42	0 3	23 57	17 24	18 26	18 30	24 58		n.a.
S 18	17 4	1 11	3 48	12 36	0 18	24 44	1 38	5 57	1 29	20 36	0 7	7 7	2 46	13 30	0 17	23 41	0 3	23 57	17 24	18 26	18 29	24 59		n.a.
S 19	17 22	4s31	2 55	13 14	0 11	24 52	1 40	5 42	1 29	20 39	0 7	7 7	2 45	13 31	0 17	23 41	0 3	23 57	17 24	18 26	18 28	25 1		n.a.
M20	17 39	9 58	1 55	13 51	0 4	25 1	1 41	5 27	1 29	20 42	0 7	7 7	2 45	13 32	0 17	23 41	0 3	23 57	17 23	18 26	18 27	25 2		n.a.
T 21	17 56	15 0	0 50	14 28	0s 3	25 8	1 42	5 12	1 29	20 45	0 6	7 8	2 45	13 33	0 17	23 41	0 3	23 57	17 23	18 26	18 26	25 4		n.a.
W22	18 13	19 25	0s16	15 5	0 10	25 14	1 43	4 57	1 29	20 47	0 6	7 8	2 44	13 35	0 17	23 41	0 3	23 56	17 23	18 26	18 25	25 6		n.a.
T 23	18 29	23 1	1 21	15 40	0 17	25 20	1 44	4 43	1 29	20 50	0 6	7 8	2 44	13 36	0 17	23 41	0 3	23 56	17 22	18 26	18 24	25 7		n.a.
F 24	18 45	25 38	2 22	16 16	0 23	25 25	1 45	4 28	1 29	20 53	0 6	7 8	2 44	13 37	0 17	23 41	0 3	23 56	17 22	18 26	18 24	25 9		n.a.
S 25	19 1	27 7	3 17	16 50	0 30	25 30	1 46	4 13	1 29	20 56	0 6	7 8	2 44	13 38	0 17	23 41	0 3	23 56	17 22	18 26	18 23	25 10		n.a.
S 26	19 16	27 22	4 4	17 24	0 36	25 33	1 47	3 58	1 29	20 59	0 6	7 8	2 43	13 39	0 17	23 41	0 3	23 55	17 21	18 26	18 22	25 12		n.a.
M27	19 31	26 21	4 41	17 57	0 42	25 36	1 48	3 43	1 29	21 2	0 6	7 8	2 43	13 40	0 17	23 41	0 3	23 55	17 21	18 26	18 21	25 13		n.a.
T 28	19 46	24 6	5 6	18 30	0 48	25 38	1 48	3 28	1 29	21 5	0 6	7 8	2 43	13 42	0 17	23 41	0 3	23 55	17 21	18 26	18 20	25 15		n.a.
W29	20 0	20 44	5 17	19 2	0 54	25 39	1 49	3 13	1 29	21 8	0 6	7 7	2 42	13 43	0 17	23 41	0 3	23 55	17 20	18 25	18 19	25 16		n.a.
T 30	20s14	16s22	5s14	19s32	1s 0	25s39	1s50	2n58	1n29	21s10	0n 5	7s 7	2s42	13s44	0n17	23s41	0n 3	23s54	17s20	18n25	18n19	25s18		n.a.

Julian Day Number = 1310821.5, Delta T = 07h41m45s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'35, Lahiri = -19°28'35 Julian Calendar 1 Nov. 1125 BCE == Greg. Calendar 21 Oct. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1125 BCE
geocentric

DECEMBER 1125 BCE (-1124) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 58 6	29♏53'05	13♓23	23♏38	2♉12	26♍39	4♐ 4	18♓27	6♏52	5♉ 3	9°R52	21♉28	20♉59	16♐23	n.a.	F 1
S 2	4 2 3	0♐54'21	26°44	25°13	3°26	27°16	4°18	18°27	6°55	5° 5	9♓52	21°29	20°56	16°30	n.a.	S 2
S 3	4 5 59	1°55'36	10♈32	26°49	4°40	27°53	4°33	18°27	6°58	5° 7	9°52	21°30	20°53	16°37	n.a.	S 3
M 4	4 9 56	2°56'50	24°47	28°26	5°53	28°30	4°47	18°28	7° 2	5° 9	9°D52	21°30	20°49	16°43	n.a.	M 4
T 5	4 13 52	3°58'04	9♉27	0♐ 2	7° 7	29° 7	5° 1	18°28	7° 5	5°11	9°52	21°31	20°46	16°50	n.a.	T 5
W 6	4 17 49	4°59'17	24°27	1°40	8°20	29°44	5°15	18°29	7° 9	5°13	9°52	21°R31	20°43	16°57	n.a.	W 6
T 7	4 21 46	6° 0'29	9♊39	3°17	9°34	0♎21	5°29	18°29	7°12	5°15	9°52	21°31	20°40	17° 3	n.a.	T 7
F 8	4 25 42	7° 1'41	24°54	4°55	10°47	0°58	5°43	18°30	7°15	5°17	9°52	21°30	20°37	17°10	n.a.	F 8
S 9	4 29 39	8° 2'52	10♋ 0	6°34	12° 1	1°35	5°57	18°31	7°18	5°19	9°52	21°28	20°34	17°17	n.a.	S 9
S 10	4 33 35	9° 4'03	24°51	8°13	13°14	2°12	6°11	18°32	7°22	5°21	9°52	21°25	20°30	17°23	n.a.	S 10
M11	4 37 32	10° 5'13	9♌18	9°53	14°28	2°49	6°25	18°33	7°25	5°24	9°52	21°23	20°27	17°30	n.a.	M11
T 12	4 41 28	11° 6'22	23°18	11°33	15°41	3°25	6°39	18°35	7°28	5°26	9°53	21°21	20°24	17°37	n.a.	T 12
W13	4 45 25	12° 7'31	6♍52	13°14	16°54	4° 2	6°53	18°36	7°31	5°28	9°53	21°D20	20°21	17°43	n.a.	W13
T 14	4 49 22	13° 8'39	20° 0	14°56	18° 7	4°39	7° 7	18°37	7°35	5°30	9°53	21°20	20°18	17°50	n.a.	T 14
F 15	4 53 18	14° 9'47	2♎45	16°38	19°20	5°16	7°21	18°39	7°38	5°32	9°53	21°21	20°14	17°57	n.a.	F 15
S 16	4 57 15	15°10'54	15°11	18°20	20°33	5°53	7°35	18°41	7°41	5°34	9°54	21°23	20°11	18° 3	n.a.	S 16
S 17	5 1 11	16°12'00	27°23	20° 3	21°46	6°29	7°49	18°43	7°44	5°36	9°54	21°25	20° 8	18°10	n.a.	S 17
M18	5 5 8	17°13'05	9♏24	21°47	22°59	7° 6	8° 3	18°45	7°47	5°39	9°54	21°26	20° 5	18°17	n.a.	M18
T 19	5 9 4	18°14'10	21°18	23°31	24°12	7°43	8°17	18°47	7°50	5°41	9°54	21°R27	20° 2	18°23	n.a.	T 19
W20	5 13 1	19°15'13	3♐ 8	25°15	25°25	8°19	8°31	18°49	7°53	5°43	9°55	21°26	19°59	18°30	n.a.	W20
T 21	5 16 57	20°16'16	14°56	27° 0	26°38	8°56	8°45	18°51	7°56	5°45	9°55	21°24	19°55	18°37	n.a.	T 21
F 22	5 20 54	21°17'17	26°44	28°46	27°50	9°32	8°59	18°53	7°59	5°47	9°56	21°20	19°52	18°43	n.a.	F 22
S 23	5 24 51	22°18'17	8♑35	0♑31	29° 3	10° 9	9°13	18°56	8° 2	5°50	9°56	21°15	19°49	18°50	n.a.	S 23
S 24	5 28 47	23°19'16	20°30	2°17	0♒16	10°45	9°27	18°59	8° 5	5°52	9°56	21° 9	19°46	18°57	n.a.	S 24
M25	5 32 44	24°20'14	2♒31	4° 3	1°28	11°21	9°41	19° 1	8° 8	5°54	9°57	21° 3	19°43	19° 3	n.a.	M25
T 26	5 36 40	25°21'10	14°40	5°49	2°40	11°58	9°55	19° 4	8°10	5°56	9°57	20°57	19°40	19°10	n.a.	T 26
W27	5 40 37	26°22'04	27° 1	7°34	3°53	12°34	10° 9	19° 7	8°13	5°59	9°58	20°52	19°36	19°17	n.a.	W27
T 28	5 44 33	27°22'57	9♓35	9°19	5° 5	13°10	10°22	19°10	8°16	6° 1	9°58	20°49	19°33	19°23	n.a.	T 28
F 29	5 48 30	28°23'48	22°26	11° 4	6°17	13°47	10°36	19°13	8°18	6° 3	9°59	20°47	19°30	19°30	n.a.	F 29
S 30	5 52 26	29°24'37	5♈37	12°48	7°29	14°23	10°50	19°16	8°21	6° 5	9°59	20°D47	19°27	19°37	n.a.	S 30
S 31	5 56 23	0♉25'25	19♈12	14♉30	8♒41	14♎59	11♐ 4	19♓20	8♏24	6♉ 8	10♓ 0	20♉48	19♉24	19♐43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s27	11s 9	4s55	20s 2	1s 5	25s39	1s50	2n43	1n29	21s13	0n 5	7s 7	2s42	13s45	0n17	23s41	0n 3	23s54	17s19	18n25	18n18	25s19			n.a.
S 2	20 40	5 17	4 20	20 32	1 11	25 38	1 50	2 28	1 29	21 16	0 5	7 7	2 42	13 46	0 17	23 41	0 3	23 54	17 19	18 26	18 17	25 21			n.a.
S 3	20 53	1n 3	3 28	21 0	1 16	25 36	1 51	2 13	1 29	21 19	0 5	7 6	2 41	13 47	0 17	23 41	0 3	23 53	17 19	18 26	18 16	25 22			n.a.
M 4	21 5	7 32	2 23	21 27	1 21	25 33	1 51	1 58	1 29	21 21	0 5	7 6	2 41	13 49	0 17	23 41	0 3	23 53	17 18	18 26	18 15	25 24			n.a.
T 5	21 17	13 50	1 7	21 53	1 26	25 29	1 51	1 43	1 29	21 24	0 5	7 5	2 41	13 50	0 17	23 41	0 3	23 53	17 18	18 26	18 14	25 25			n.a.
W 6	21 29	19 27	0n16	22 18	1 30	25 25	1 51	1 28	1 29	21 27	0 5	7 5	2 40	13 51	0 17	23 40	0 3	23 52	17 18	18 26	18 13	25 27			n.a.
T 7	21 40	23 53	1 39	22 42	1 35	25 20	1 51	1 13	1 29	21 29	0 5	7 4	2 40	13 52	0 17	23 40	0 3	23 52	17 17	18 26	18 13	25 28			n.a.
F 8	21 50	26 38	2 55	23 5	1 39	25 14	1 51	0 58	1 29	21 32	0 5	7 4	2 40	13 53	0 17	23 40	0 3	23 52	17 17	18 26	18 12	25 30			n.a.
S 9	22 0	27 23	3 57	23 26	1 42	25 7	1 51	0 43	1 29	21 35	0 4	7 3	2 40	13 54	0 17	23 40	0 3	23 51	17 16	18 25	18 11	25 31			n.a.
S 10	22 10	26 8	4 43	23 47	1 46	25 0	1 51	0 28	1 29	21 37	0 4	7 2	2 39	13 55	0 17	23 40	0 3	23 51	17 16	18 25	18 10	25 32			n.a.
M11	22 20	23 10	5 9	24 5	1 49	24 52	1 50	0 13	1 29	21 40	0 4	7 2	2 39	13 56	0 17	23 40	0 3	23 50	17 16	18 24	18 9	25 34			n.a.
T 12	22 28	18 55	5 16	24 23	1 52	24 43	1 50	0s 1	1 29	21 42	0 4	7 1	2 39	13 57	0 17	23 40	0 3	23 50	17 15	18 24	18 8	25 35			n.a.
W13	22 37	13 50	5 5	24 39	1 54	24 33	1 49	0 16	1 29	21 45	0 4	7 0	2 38	13 58	0 17	23 40	0 3	23 50	17 15	18 23	18 7	25 37			n.a.
T 14	22 45	8 16	4 37	24 53	1 57	24 23	1 49	0 31	1 29	21 47	0 4	6 59	2 38	13 59	0 17	23 40	0 3	23 49	17 15	18 23	18 7	25 38			n.a.
F 15	22 52	2 30	3 57	25 6	1 58	24 12	1 48	0 46	1 29	21 50	0 4	6 58	2 38	14 0	0 17	23 40	0 3	23 49	17 14	18 24	18 6	25 40			n.a.
S 16	22 59	3s13	3 7	25 18	2 0	24 0	1 47	1 1	1 29	21 52	0 4	6 57	2 37	14 2	0 17	23 40	0 3	23 48	17 14	18 24	18 5	25 41			n.a.
S 17	23 6	8 43	2 9	25 27	2 1	23 47	1 46	1 16	1 29	21 55	0 4	6 56	2 37	14 3	0 17	23 40	0 3	23 48	17 13	18 25	18 4	25 42			n.a.
M18	23 12	13 49	1 6	25 35	2 1	23 34	1 45	1 30	1 29	21 57	0 3	6 55	2 37	14 4	0 17	23 40	0 3	23 47	17 13	18 25	18 3	25 44			n.a.
T 19	23 18	18 22	0 1	25 41	2 1	23 20	1 44	1 45	1 29	22 0	0 3	6 54	2 37	14 5	0 17	23 39	0 3	23 47	17 13	18 25	18 2	25 45			n.a.
W20	23 23	22 10	1s 4	25 46	2 1	23 6	1 43	2 0	1 29	22 2	0 3	6 53	2 36	14 6	0 17	23 39	0 3	23 47	17 12	18 25	18 1	25 47			n.a.
T 21	23 28	25 2	2 5	25 48	2 0	22 50	1 42	2 15	1 28	22 4	0 3	6 52	2 36	14 6	0 17	23 39	0 3	23 46	17 12	18 24	18 0	25 48			n.a.
F 22	23 32	26 49	3 1	25 48	1 59	22 35	1 41	2 29	1 28	22 6	0 3	6 51	2 36	14 7	0 17	23 39	0 3	23 46	17 12	18 23	18 0	25 49			n.a.
S 23	23 36	27 22	3 50	25 47	1 57	22 18	1 39	2 44	1 28	22 9	0 3	6 49	2 35	14 8	0 17	23 39	0 3	23 45	17 11	18 22	17 59	25 51			n.a.
S 24	23 40	26 39	4 28	25 43	1 54	22 1	1 38	2 58	1 28	22 11	0 3	6 48	2 35	14 9	0 17	23 39	0 3	23 45	17 11	18 20	17 58	25 52			n.a.
M25	23 42	24 42	4 55	25 37	1 51	21 43	1 36	3 13	1 28	22 13	0 3	6 47	2 35	14 10	0 17	23 39	0 3	23 44	17 11	18 19	17 57	25 53			n.a.
T 26	23 45	21 37	5 10	25 29	1 47	21 25	1 35	3 28	1 28	22 15	0 3	6 45	2 35	14 11	0 17	23 39	0 3	23 44	17 10	18 17	17 56	25 55			n.a.
W27	23 47	17 32	5 10	25 19	1 43	21 6	1 33	3 42	1 28	22 18	0 2	6 44	2 34	14 12	0 17	23 39	0 3	23 43	17 10	18 16	17 55	25 56			n.a.
T 28	23 48	12 39	4 55	25 7	1 37	20 47	1 31	3 56	1 28	22 20	0 2	6 43	2 34	14 13	0 17	23 39	0 3	23 42	17 10	18 15	17 54	25 57			n.a.
F 29	23 49	7 6	4 25	24 53	1 31	20 27	1 29	4 11	1 27	22 22	0 2	6 41	2 34	14 14	0 17	23 39	0 3	23 42	17 9	18 15	17 54	25 59			n.a.
S 30	23 50	1 6	3 41	24 37	1 25	20 6	1 27	4 25	1 27	22 24	0 2	6 39	2 33	14 15	0 17	23 39	0 3	23 41	17 9	18 15	17 53	26 0			n.a.
S 31	23s50	5n 7	2s43	24s18	1s17	19s45	1s25	4s40	1n27	22s26	0n 2	6s38	2s33	14s16	0n17	23s38	0n 3	23s41	17s 8	18n15	17n52	26s 1			n.a.

Julian Day Number = 1310851.5, Delta T = 07h41m44s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'31, Lahiri = -19°28'31 Julian Calendar 1 Dec. 1125 BCE == Greg. Calendar 20 Nov. 1125 BCE

The year -1124 astronomical counting style corresponds to year 1125 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

JANUARY 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 0 20	1♉26'11	3♉12	16♉11	9♒53	15♎35	11♐17	19♓23	8♏26	6♉10	10♓ 1	20♉50	19♉20	19♐50	n.a.	M 1
T 2	6 4 16	2°26'55	17°38	17°49	11° 5	16°11	11°31	19°27	8°29	6°12	10° 1	20°R51	19°17	19°57	n.a.	T 2
W 3	6 8 13	3°27'37	2♊26	19°25	12°16	16°47	11°44	19°30	8°31	6°14	10° 2	20°50	19°14	20° 3	n.a.	W 3
T 4	6 12 9	4°28'18	17°32	20°59	13°28	17°23	11°58	19°34	8°34	6°17	10° 3	20°48	19°11	20°10	n.a.	T 4
F 5	6 16 6	5°28'57	2♋47	22°28	14°39	17°59	12°12	19°38	8°36	6°19	10° 3	20°43	19° 8	20°17	n.a.	F 5
S 6	6 20 2	6°29'34	18° 1	23°54	15°51	18°34	12°25	19°42	8°39	6°21	10° 4	20°37	19° 5	20°23	n.a.	S 6
S 7	6 23 59	7°30'10	3♌ 3	25°14	17° 2	19°10	12°38	19°46	8°41	6°24	10° 5	20°29	19° 1	20°30	n.a.	S 7
M 8	6 27 56	8°30'44	17°44	26°29	18°13	19°46	12°52	19°50	8°43	6°26	10° 5	20°22	18°58	20°37	n.a.	M 8
T 9	6 31 52	9°31'17	1♍58	27°38	19°24	20°22	13° 5	19°54	8°45	6°28	10° 6	20°15	18°55	20°43	n.a.	T 9
W10	6 35 49	10°31'48	15°42	28°39	20°35	20°57	13°19	19°58	8°48	6°30	10° 7	20°10	18°52	20°50	n.a.	W10
T 11	6 39 45	11°32'17	28°57	29°33	21°46	21°33	13°32	20° 3	8°50	6°33	10° 8	20° 7	18°49	20°57	n.a.	T 11
F 12	6 43 42	12°32'45	11♎46	0♒19	22°57	22° 8	13°45	20° 7	8°52	6°35	10° 9	20°D 6	18°45	21° 3	n.a.	F 12
S 13	6 47 38	13°33'12	24°12	0°56	24° 7	22°44	13°58	20°12	8°54	6°37	10° 9	20° 7	18°42	21°10	n.a.	S 13
S 14	6 51 35	14°33'37	6♏20	1°23	25°18	23°19	14°11	20°16	8°56	6°39	10°10	20° 8	18°39	21°17	n.a.	S 14
M15	6 55 31	15°34'00	18°17	1°41	26°28	23°54	14°24	20°21	8°58	6°42	10°11	20°R 9	18°36	21°23	n.a.	M15
T 16	6 59 28	16°34'22	0♐ 6	1°R49	27°38	24°30	14°37	20°26	9° 0	6°44	10°12	20° 8	18°33	21°30	n.a.	T 16
W17	7 3 25	17°34'42	11°53	1°47	28°48	25° 5	14°50	20°31	9° 2	6°46	10°13	20° 5	18°30	21°37	n.a.	W17
T 18	7 7 21	18°35'01	23°40	1°35	29°58	25°40	15° 3	20°36	9° 4	6°48	10°14	20° 0	18°26	21°43	n.a.	T 18
F 19	7 11 18	19°35'17	5♑31	1°14	1♓ 8	26°15	15°16	20°41	9° 6	6°51	10°15	19°52	18°23	21°50	n.a.	F 19
S 20	7 15 14	20°35'32	17°28	0°44	2°18	26°50	15°29	20°46	9° 7	6°53	10°16	19°42	18°20	21°57	n.a.	S 20
S 21	7 19 11	21°35'45	29°32	0° 5	3°27	27°25	15°42	20°51	9° 9	6°55	10°17	19°30	18°17	22° 3	n.a.	S 21
M22	7 23 7	22°35'55	11♒44	29♑19	4°36	28° 0	15°54	20°56	9°11	6°57	10°18	19°18	18°14	22°10	n.a.	M22
T 23	7 27 4	23°36'04	24° 6	28°28	5°46	28°34	16° 7	21° 2	9°12	7° 0	10°19	19° 6	18°11	22°17	n.a.	T 23
W24	7 31 0	24°36'10	6♓37	27°31	6°55	29° 9	16°20	21° 7	9°14	7° 2	10°20	18°56	18° 7	22°23	n.a.	W24
T 25	7 34 57	25°36'14	19°21	26°32	8° 4	29°44	16°32	21°13	9°15	7° 4	10°21	18°48	18° 4	22°30	n.a.	T 25
F 26	7 38 54	26°36'16	2♈17	25°30	9°12	0♏18	16°44	21°18	9°17	7° 6	10°22	18°43	18° 1	22°37	n.a.	F 26
S 27	7 42 50	27°36'16	15°28	24°29	10°21	0°52	16°57	21°24	9°18	7° 8	10°23	18°40	17°58	22°43	n.a.	S 27
S 28	7 46 47	28°36'13	28°57	23°28	11°29	1°27	17° 9	21°29	9°20	7°10	10°24	18°D40	17°55	22°50	n.a.	S 28
M29	7 50 43	29°36'07	12♉45	22°30	12°37	2° 1	17°21	21°35	9°21	7°13	10°25	18°R40	17°51	22°57	n.a.	M29
T 30	7 54 40	0♒36'00	26°54	21°35	13°45	2°35	17°33	21°41	9°22	7°15	10°26	18°40	17°48	23° 3	n.a.	T 30
W31	7 58 36	1♒35'50	11♊23	20♑45	14♓53	3♏ 9	17♐45	21♓47	9♏23	7♑17	10♓28	18♉38	17♉45	23♐10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s49	11n18	1 s34	23 s58	1 s 9	19 s23	1 s23	4 s54	1n27	22 s28	0n 2	6 s36	2 s33	14 s16	0n17	23 s38	0n 3	23 s40	17 s 8	18n15	17n51	26 s 2			n.a.
T 2	23 48	17 5	0 17	23 36	1 0	19 1	1 20	5 8	1 27	22 30	0 2	6 35	2 33	14 17	0 17	23 38	0 3	23 40	17 8	18 15	17 50	26 4			n.a.
W 3	23 47	22 1	1n 3	23 13	0 50	18 38	1 18	5 22	1 27	22 32	0 2	6 33	2 32	14 18	0 17	23 38	0 3	23 39	17 7	18 15	17 49	26 5			n.a.
T 4	23 45	25 33	2 20	22 48	0 39	18 15	1 16	5 36	1 26	22 34	0 2	6 31	2 32	14 19	0 17	23 38	0 3	23 39	17 7	18 15	17 48	26 6			n.a.
F 5	23 43	27 15	3 27	22 22	0 27	17 52	1 13	5 50	1 26	22 36	0 1	6 29	2 32	14 20	0 17	23 38	0 3	23 38	17 7	18 13	17 47	26 8			n.a.
S 6	23 40	26 53	4 20	21 55	0 14	17 28	1 10	6 4	1 26	22 38	0 1	6 28	2 32	14 20	0 17	23 38	0 3	23 37	17 6	18 12	17 46	26 9			n.a.
S 7	23 37	24 33	4 54	21 27	0 1	17 3	1 8	6 18	1 26	22 40	0 1	6 26	2 31	14 21	0 17	23 38	0 3	23 37	17 6	18 10	17 46	26 10			n.a.
M 8	23 33	20 38	5 8	20 59	0n13	16 39	1 5	6 32	1 25	22 42	0 1	6 24	2 31	14 22	0 17	23 38	0 3	23 36	17 6	18 8	17 45	26 11			n.a.
T 9	23 29	15 37	5 2	20 31	0 28	16 13	1 2	6 46	1 25	22 43	0 1	6 22	2 31	14 23	0 17	23 38	0 3	23 36	17 5	18 6	17 44	26 13			n.a.
W10	23 24	9 59	4 38	20 4	0 43	15 48	0 59	7 0	1 25	22 45	0 1	6 20	2 30	14 23	0 17	23 37	0 3	23 35	17 5	18 5	17 43	26 14			n.a.
T 11	23 19	4 5	4 0	19 37	0 59	15 22	0 56	7 14	1 25	22 47	0 1	6 18	2 30	14 24	0 17	23 37	0 3	23 34	17 5	18 4	17 42	26 15			n.a.
F 12	23 14	1 s47	3 12	19 11	1 15	14 55	0 53	7 27	1 24	22 49	0 1	6 16	2 30	14 25	0 17	23 37	0 3	23 34	17 5	18 3	17 41	26 16			n.a.
S 13	23 8	7 26	2 15	18 47	1 32	14 29	0 50	7 41	1 24	22 50	0 1	6 14	2 30	14 25	0 17	23 37	0 3	23 33	17 4	18 4	17 40	26 17			n.a.
S 14	23 1	12 42	1 14	18 25	1 48	14 2	0 46	7 55	1 24	22 52	0 0	6 12	2 29	14 26	0 17	23 37	0 3	23 33	17 4	18 4	17 39	26 19			n.a.
M15	22 54	17 24	0 10	18 5	2 5	13 34	0 43	8 8	1 23	22 54	0 0	6 10	2 29	14 27	0 17	23 37	0 3	23 32	17 4	18 4	17 39	26 20			n.a.
T 16	22 47	21 22	0 s53	17 47	2 21	13 6	0 40	8 21	1 23	22 55	0 0	6 8	2 29	14 27	0 17	23 37	0 3	23 31	17 3	18 4	17 38	26 21			n.a.
W17	22 39	24 28	1 54	17 33	2 37	12 38	0 36	8 35	1 23	22 57	0 0	6 6	2 29	14 28	0 17	23 37	0 3	23 31	17 3	18 3	17 37	26 22			n.a.
T 18	22 31	26 30	2 49	17 21	2 51	12 10	0 32	8 48	1 22	22 59	0 0	6 3	2 29	14 28	0 17	23 37	0 3	23 30	17 3	18 2	17 36	26 23			n.a.
F 19	22 22	27 20	3 38	17 12	3 5	11 42	0 29	9 1	1 22	23 0	0 s 0	6 1	2 28	14 29	0 17	23 37	0 3	23 29	17 2	18 0	17 35	26 25			n.a.
S 20	22 13	26 55	4 17	17 7	3 17	11 13	0 25	9 15	1 22	23 2	0 0	5 59	2 28	14 30	0 17	23 36	0 2	23 29	17 2	17 57	17 34	26 26			n.a.
S 21	22 4	25 13	4 45	17 4	3 28	10 44	0 21	9 28	1 21	23 3	0 0	5 57	2 28	14 30	0 17	23 36	0 2	23 28	17 2	17 54	17 33	26 27			n.a.
M22	21 54	22 20	5 0	17 5	3 38	10 15	0 17	9 41	1 21	23 5	0 0	5 54	2 28	14 31	0 17	23 36	0 2	23 28	17 2	17 50	17 32	26 28			n.a.
T 23	21 44	18 26	5 2	17 8	3 45	9 45	0 13	9 53	1 20	23 6	0 1	5 52	2 27	14 31	0 17	23 36	0 2	23 27	17 1	17 47	17 31	26 29			n.a.
W24	21 33	13 41	4 49	17 14	3 50	9 16	0 9	10 6	1 20	23 8	0 1	5 49	2 27	14 32	0 17	23 36	0 2	23 26	17 1	17 44	17 30	26 30			n.a.
T 25	21 22	8 17	4 21	17 23	3 53	8 46	0 5	10 19	1 20	23 9	0 1	5 47	2 27	14 32	0 17	23 36	0 2	23 26	17 1	17 42	17 30	26 31			n.a.
F 26	21 11	2 26	3 40	17 33	3 54	8 16	0 1	10 32	1 19	23 10	0 1	5 45	2 27	14 33	0 18	23 36	0 2	23 25	17 1	17 40	17 29	26 33			n.a.
S 27	20 59	3n38	2 47	17 45	3 53	7 46	0n 3	10 44	1 19	23 12	0 1	5 42	2 27	14 33	0 18	23 36	0 2	23 24	17 0	17 40	17 28	26 34			n.a.
S 28	20 47	9 41	1 43	17 59	3 50	7 16	0 7	10 57	1 18	23 13	0 1	5 40	2 26	14 34	0 18	23 36	0 2	23 24	17 0	17 40	17 27	26 35			n.a.
M29	20 34	15 25	0 31	18 14	3 45	6 45	0 12	11 9	1 18	23 14	0 1	5 37	2 26	14 34	0 18	23 35	0 2	23 23	17 0	17 40	17 26	26 36			n.a.
T 30	20 21	20 29	0n44	18 29	3 38	6 15	0 16	11 22	1 17	23 16	0 1	5 35	2 26	14 34	0 18	23 35	0 2	23 22	17 0	17 40	17 25	26 37			n.a.
W31	20 s 8	24n27	1n57	18 s45	3n29	5 s44	0n20	11 s34	1n17	23 s17	0 s 1	5 s32	2 s26	14 s35	0n18	23 s35	0n 2	23 s22	16 s59	17n39	17n24	26 s38			n.a.

Julian Day Number = 1310882.5, Delta T = 07h41m42s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'27, Lahiri = -19°28'27 Julian Calendar 1 Jan. 1124 BCE == Greg. Calendar 21 Dec. 1125 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

FEBRUARY 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 33	2♒35'38	26♊ 9	19°R59	16♓ 1	3♏43	17♐57	21♓53	9♏24	7♑19	10♓29	18°R34	17♉42	23♐17	n.a.	T 1
F 2	8 6 29	3°35'23	11♋ 6	19♑20	17° 8	4°17	18° 9	21°59	9°26	7°21	10°30	18♉27	17°39	23°23	n.a.	F 2
S 3	8 10 26	4°35'06	26° 7	18°46	18°15	4°51	18°21	22° 5	9°27	7°23	10°31	18°17	17°36	23°30	n.a.	S 3
S 4	8 14 23	5°34'47	11♌ 2	18°19	19°22	5°24	18°33	22°11	9°28	7°25	10°32	18° 6	17°32	23°37	n.a.	S 4
M 5	8 18 19	6°34'26	25°42	17°59	20°29	5°58	18°45	22°18	9°29	7°27	10°33	17°55	17°29	23°43	n.a.	M 5
T 6	8 22 16	7°34'03	9♍58	17°45	21°36	6°31	18°56	22°24	9°29	7°29	10°35	17°44	17°26	23°50	n.a.	T 6
W 7	8 26 12	8°33'37	23°48	17°37	22°42	7° 5	19° 8	22°30	9°30	7°31	10°36	17°36	17°23	23°57	n.a.	W 7
T 8	8 30 9	9°33'10	7♎ 9	17°D35	23°48	7°38	19°19	22°37	9°31	7°33	10°37	17°30	17°20	24° 3	n.a.	T 8
F 9	8 34 5	10°32'40	20° 3	17°40	24°54	8°11	19°30	22°43	9°32	7°35	10°38	17°27	17°17	24°10	n.a.	F 9
S 10	8 38 2	11°32'09	2♏33	17°50	26° 0	8°44	19°42	22°50	9°33	7°37	10°40	17°25	17°13	24°17	n.a.	S 10
S 11	8 41 58	12°31'36	14°44	18° 5	27° 5	9°17	19°53	22°56	9°33	7°39	10°41	17°25	17°10	24°23	n.a.	S 11
M12	8 45 55	13°31'01	26°42	18°26	28°10	9°50	20° 4	23° 3	9°34	7°41	10°42	17°25	17° 7	24°30	n.a.	M12
T 13	8 49 51	14°30'24	8♐32	18°51	29°15	10°23	20°15	23°10	9°34	7°43	10°43	17°24	17° 4	24°37	n.a.	T 13
W14	8 53 48	15°29'46	20°19	19°21	0♈19	10°55	20°26	23°17	9°35	7°45	10°45	17°20	17° 1	24°43	n.a.	W14
T 15	8 57 45	16°29'05	2♑ 8	19°55	1°24	11°27	20°36	23°23	9°35	7°47	10°46	17°14	16°57	24°50	n.a.	T 15
F 16	9 1 41	17°28'22	14° 4	20°34	2°28	12° 0	20°47	23°30	9°36	7°49	10°47	17° 5	16°54	24°57	n.a.	F 16
S 17	9 5 38	18°27'37	26° 7	21°16	3°32	12°32	20°58	23°37	9°36	7°51	10°49	16°54	16°51	25° 3	n.a.	S 17
S 18	9 9 34	19°26'50	8♒22	22° 2	4°35	13° 4	21° 8	23°44	9°36	7°53	10°50	16°41	16°48	25°10	n.a.	S 18
M19	9 13 31	20°26'01	20°48	22°52	5°38	13°36	21°18	23°51	9°36	7°54	10°51	16°27	16°45	25°17	n.a.	M19
T 20	9 17 27	21°25'10	3♓26	23°44	6°41	14° 7	21°29	23°58	9°37	7°56	10°53	16°13	16°42	25°23	n.a.	T 20
W21	9 21 24	22°24'16	16°16	24°40	7°43	14°39	21°39	24° 5	9°37	7°58	10°54	16° 1	16°38	25°30	n.a.	W21
T 22	9 25 20	23°23'20	29°17	25°38	8°46	15°10	21°49	24°12	9°37	8° 0	10°55	15°52	16°35	25°37	n.a.	T 22
F 23	9 29 17	24°22'22	12♈29	26°40	9°47	15°42	21°59	24°20	9°R37	8° 1	10°57	15°46	16°32	25°43	n.a.	F 23
S 24	9 33 13	25°21'21	25°52	27°43	10°49	16°13	22° 9	24°27	9°37	8° 3	10°58	15°42	16°29	25°50	n.a.	S 24
S 25	9 37 10	26°20'18	9♉27	28°50	11°50	16°44	22°18	24°34	9°37	8° 5	10°59	15°41	16°26	25°57	n.a.	S 25
M26	9 41 7	27°19'12	23°15	29°59	12°51	17°14	22°28	24°41	9°36	8° 6	11° 1	15°41	16°23	26° 3	n.a.	M26
T 27	9 45 3	28°18'04	7♊15	1♒10	13°51	17°45	22°37	24°49	9°36	8° 8	11° 2	15°41	16°19	26°10	n.a.	T 27
W28	9 49 0	29♒16'54	21♊29	2♒23	14♈51	18♏15	22♐47	24♓56	9♏36	8♑10	11♓ 3	15♉39	16♉16	26♐17	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s54	26n51	3n 5	19s 1	3n20	5s13	0n25	11s46	1n16	23s18	0s 2	5s29	2s26	14s35	0n18	23s35	0n 2	23s21	16s59	17n38	17n23	26s39		n.a.
F 2	19 40	27 21	4 0	19 18	3 9	4 43	0 29	11 58	1 16	23 19	0 2	5 27	2 25	14 35	0 18	23 35	0 2	23 20	16 59	17 36	17 22	26 40		n.a.
S 3	19 26	25 50	4 39	19 34	2 57	4 12	0 34	12 10	1 15	23 20	0 2	5 24	2 25	14 36	0 18	23 35	0 2	23 20	16 59	17 33	17 21	26 41		n.a.
S 4	19 11	22 31	4 59	19 50	2 44	3 41	0 38	12 22	1 14	23 22	0 2	5 22	2 25	14 36	0 18	23 35	0 2	23 19	16 58	17 30	17 21	26 42		n.a.
M 5	18 56	17 49	4 58	20 6	2 31	3 10	0 43	12 34	1 14	23 23	0 2	5 19	2 25	14 36	0 18	23 35	0 2	23 18	16 58	17 27	17 20	26 43		n.a.
T 6	18 41	12 14	4 39	20 21	2 18	2 39	0 48	12 46	1 13	23 24	0 2	5 16	2 25	14 37	0 18	23 35	0 2	23 18	16 58	17 24	17 19	26 44		n.a.
W 7	18 25	6 13	4 4	20 36	2 4	2 8	0 53	12 58	1 12	23 25	0 2	5 13	2 24	14 37	0 18	23 34	0 2	23 17	16 58	17 21	17 18	26 45		n.a.
T 8	18 9	0 7	3 16	20 50	1 50	1 37	0 57	13 9	1 12	23 26	0 2	5 11	2 24	14 37	0 18	23 34	0 2	23 16	16 58	17 20	17 17	26 46		n.a.
F 9	17 53	5s49	2 20	21 3	1 37	1 7	1 2	13 21	1 11	23 27	0 3	5 8	2 24	14 37	0 18	23 34	0 2	23 16	16 57	17 19	17 16	26 47		n.a.
S 10	17 36	11 20	1 18	21 15	1 23	0 36	1 7	13 32	1 10	23 28	0 3	5 5	2 24	14 38	0 18	23 34	0 2	23 15	16 57	17 18	17 15	26 48		n.a.
S 11	17 19	16 18	0 14	21 26	1 9	0 5	1 12	13 43	1 10	23 29	0 3	5 2	2 24	14 38	0 18	23 34	0 2	23 14	16 57	17 18	17 14	26 49		n.a.
M12	17 2	20 32	0s49	21 37	0 56	0n26	1 17	13 55	1 9	23 30	0 3	5 0	2 24	14 38	0 18	23 34	0 2	23 14	16 57	17 18	17 13	26 50		n.a.
T 13	16 45	23 53	1 49	21 46	0 43	0 57	1 22	14 6	1 8	23 31	0 3	4 57	2 23	14 38	0 18	23 34	0 2	23 13	16 57	17 18	17 12	26 51		n.a.
W14	16 27	26 12	2 45	21 55	0 30	1 27	1 27	14 17	1 7	23 32	0 3	4 54	2 23	14 38	0 18	23 34	0 2	23 12	16 57	17 17	17 11	26 52		n.a.
T 15	16 9	27 22	3 33	22 2	0 18	1 58	1 32	14 28	1 7	23 33	0 3	4 51	2 23	14 39	0 18	23 34	0 2	23 12	16 56	17 15	17 10	26 53		n.a.
F 16	15 51	27 15	4 12	22 8	0 6	2 28	1 37	14 38	1 6	23 34	0 3	4 48	2 23	14 39	0 18	23 34	0 2	23 11	16 56	17 13	17 10	26 54		n.a.
S 17	15 32	25 51	4 41	22 13	0s 6	2 58	1 42	14 49	1 5	23 35	0 4	4 45	2 23	14 39	0 18	23 33	0 2	23 10	16 56	17 9	17 9	26 55		n.a.
S 18	15 14	23 14	4 57	22 16	0 17	3 29	1 47	15 0	1 4	23 35	0 4	4 42	2 23	14 39	0 18	23 33	0 2	23 10	16 56	17 6	17 8	26 56		n.a.
M19	14 55	19 30	4 59	22 19	0 28	3 59	1 52	15 10	1 3	23 36	0 4	4 39	2 23	14 39	0 18	23 33	0 2	23 9	16 56	17 2	17 7	26 57		n.a.
T 20	14 36	14 51	4 47	22 20	0 38	4 29	1 57	15 21	1 2	23 37	0 4	4 36	2 22	14 39	0 18	23 33	0 2	23 8	16 56	16 58	17 6	26 58		n.a.
W21	14 16	9 29	4 20	22 19	0 48	4 58	2 2	15 31	1 1	23 38	0 4	4 33	2 22	14 39	0 18	23 33	0 2	23 8	16 56	16 54	17 5	26 59		n.a.
T 22	13 57	3 38	3 39	22 18	0 57	5 28	2 7	15 41	1 0	23 39	0 4	4 30	2 22	14 39	0 18	23 33	0 2	23 7	16 56	16 51	17 4	27 0		n.a.
F 23	13 37	2n28	2 46	22 15	1 6	5 57	2 12	15 52	0 59	23 39	0 4	4 27	2 22	14 39	0 18	23 33	0 2	23 7	16 55	16 50	17 3	27 1		n.a.
S 24	13 17	8 34	1 43	22 10	1 14	6 27	2 17	16 2	0 58	23 40	0 5	4 24	2 22	14 39	0 18	23 33	0 2	23 6	16 55	16 49	17 2	27 2		n.a.
S 25	12 56	14 21	0 33	22 4	1 22	6 56	2 22	16 11	0 57	23 41	0 5	4 21	2 22	14 39	0 18	23 33	0 2	23 5	16 55	16 48	17 1	27 3		n.a.
M26	12 36	19 32	0n40	21 57	1 30	7 24	2 27	16 21	0 56	23 42	0 5	4 18	2 22	14 39	0 18	23 33	0 2	23 5	16 55	16 48	17 0	27 4		n.a.
T 27	12 15	23 43	1 52	21 48	1 37	7 53	2 32	16 31	0 55	23 42	0 5	4 15	2 22	14 39	0 18	23 33	0 2	23 4	16 55	16 48	16 59	27 4		n.a.
W28	11s55	26n30	2n57	21s38	1s43	8n21	2n37	16s41	0n54	23s43	0s 5	4s12	2s21	14s39	0n18	23s32	0n 2	23s 3	16s55	16n48	16n58	27s 5		n.a.

Julian Day Number = 1310913.5, Delta T = 07h41m40s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'23, Lahiri = -19°28'22 Julian Calendar 1 Feb. 1124 BCE == Greg. Calendar 21 Jan. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

MARCH 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 56	0♓15'41	5♋54	3♒38	15♈50	18♏45	22♐56	25♓ 3	9°R36	8♑11	11♓ 5	15°R35	16♉13	26♐24	n.a.	T 1
F 2	9 56 53	1°14'26	20°28	4°55	16°49	19°15	23° 5	25°11	9♏35	8°13	11° 6	15♉29	16°10	26°30	n.a.	F 2
S 3	10 0 49	2°13'08	5♌ 4	6°15	17°48	19°45	23°14	25°18	9°35	8°14	11° 8	15°20	16° 7	26°37	n.a.	S 3
S 4	10 4 46	3°11'48	19°36	7°36	18°46	20°15	23°23	25°26	9°34	8°16	11° 9	15°10	16° 3	26°44	n.a.	S 4
M 5	10 8 42	4°10'26	3♍57	8°59	19°43	20°44	23°32	25°33	9°34	8°17	11°10	14°59	16° 0	26°50	n.a.	M 5
T 6	10 12 39	5° 9'02	18° 1	10°24	20°41	21°14	23°40	25°41	9°33	8°19	11°12	14°48	15°57	26°57	n.a.	T 6
W 7	10 16 36	6° 7'36	1♎43	11°51	21°37	21°43	23°49	25°48	9°33	8°20	11°13	14°40	15°54	27° 4	n.a.	W 7
T 8	10 20 32	7° 6'07	15° 1	13°19	22°33	22°12	23°57	25°56	9°32	8°22	11°15	14°34	15°51	27°10	n.a.	T 8
F 9	10 24 29	8° 4'37	27°55	14°50	23°29	22°40	24° 5	26° 3	9°31	8°23	11°16	14°30	15°48	27°17	n.a.	F 9
S 10	10 28 25	9° 3'05	10♏27	16°22	24°24	23° 9	24°13	26°11	9°31	8°24	11°17	14°D29	15°44	27°24	n.a.	S 10
S 11	10 32 22	10° 1'32	22°41	17°55	25°18	23°37	24°21	26°19	9°30	8°26	11°19	14°29	15°41	27°30	n.a.	S 11
M12	10 36 18	10°59'56	4♐42	19°31	26°12	24° 5	24°29	26°26	9°29	8°27	11°20	14°30	15°38	27°37	n.a.	M12
T 13	10 40 15	11°58'19	16°34	21° 8	27° 5	24°33	24°37	26°34	9°28	8°28	11°22	14°R30	15°35	27°44	n.a.	T 13
W14	10 44 11	12°56'40	28°24	22°47	27°58	25° 0	24°44	26°42	9°27	8°29	11°23	14°29	15°32	27°50	n.a.	W14
T 15	10 48 8	13°55'00	10♑16	24°27	28°50	25°27	24°52	26°49	9°26	8°31	11°25	14°25	15°29	27°57	n.a.	T 15
F 16	10 52 4	14°53'18	22°15	26° 9	29°41	25°54	24°59	26°57	9°25	8°32	11°26	14°19	15°25	28° 4	n.a.	F 16
S 17	10 56 1	15°51'34	4♒24	27°53	0♉32	26°21	25° 6	27° 5	9°24	8°33	11°27	14°12	15°22	28°10	n.a.	S 17
S 18	10 59 58	16°49'48	16°48	29°39	1°21	26°47	25°13	27°13	9°23	8°34	11°29	14° 2	15°19	28°17	n.a.	S 18
M19	11 3 54	17°48'00	29°26	1♓26	2°10	27°13	25°20	27°21	9°22	8°35	11°30	13°52	15°16	28°24	n.a.	M19
T 20	11 7 51	18°46'11	12♓20	3°15	2°59	27°39	25°26	27°28	9°21	8°36	11°32	13°42	15°13	28°30	n.a.	T 20
W21	11 11 47	19°44'20	25°30	5° 6	3°46	28° 5	25°33	27°36	9°19	8°37	11°33	13°33	15° 9	28°37	n.a.	W21
T 22	11 15 44	20°42'26	8♈53	6°58	4°33	28°30	25°39	27°44	9°18	8°38	11°34	13°27	15° 6	28°44	n.a.	T 22
F 23	11 19 40	21°40'31	22°28	8°52	5°18	28°55	25°45	27°52	9°17	8°39	11°36	13°23	15° 3	28°50	n.a.	F 23
S 24	11 23 37	22°38'34	6♉13	10°48	6° 3	29°19	25°51	28° 0	9°15	8°40	11°37	13°21	15° 0	28°57	n.a.	S 24
S 25	11 27 33	23°36'35	20° 7	12°46	6°47	29°44	25°57	28° 8	9°14	8°41	11°39	13°D21	14°57	29° 4	n.a.	S 25
M26	11 31 30	24°34'34	4♊ 7	14°45	7°30	0♐ 7	26° 3	28°15	9°12	8°42	11°40	13°22	14°54	29°11	n.a.	M26
T 27	11 35 26	25°32'32	18°12	16°46	8°12	0°31	26° 9	28°23	9°11	8°43	11°41	13°23	14°50	29°17	n.a.	T 27
W28	11 39 23	26°30'27	2♋22	18°48	8°53	0°54	26°14	28°31	9° 9	8°44	11°43	13°R23	14°47	29°24	n.a.	W28
T 29	11 43 20	27°28'20	16°34	20°52	9°32	1°17	26°19	28°39	9° 8	8°44	11°44	13°21	14°44	29°31	n.a.	T 29
F 30	11 47 16	28°26'11	0♌48	22°57	10°11	1°40	26°24	28°47	9° 6	8°45	11°45	13°18	14°41	29°37	n.a.	F 30
S 31	11 51 13	29♓24'00	14♌58	25♓ 4	10♉48	2♐ 2	26♐29	28♓55	9♏ 4	8♑46	11♓47	13♉12	14♉38	29♐44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s34	27n34	3n53	21s26	1s49	8n49	2n42	16s50	0n53	23s43	0s 5	4s 9	2s21	14s39	0n18	23s32	0n 2	23s 3	16s55	16n47	16n58	27s 6			n.a.
F 2	11 13	26 45	4 34	21 12	1 55	9 17	2 47	17 0	0 52	23 44	0 5	4 6	2 21	14 38	0 18	23 32	0 2	23 2	16 55	16 45	16 57	27 7			n.a.
S 3	10 51	24 6	4 57	20 57	2 0	9 44	2 52	17 9	0 51	23 45	0 5	4 3	2 21	14 38	0 18	23 32	0 2	23 2	16 55	16 42	16 56	27 8			n.a.
S 4	10 30	19 55	5 1	20 40	2 5	10 12	2 57	17 18	0 50	23 45	0 6	4 0	2 21	14 38	0 18	23 32	0 2	23 1	16 55	16 39	16 55	27 9			n.a.
M 5	10 8	14 38	4 45	20 22	2 9	10 38	3 2	17 27	0 48	23 46	0 6	3 57	2 21	14 38	0 18	23 32	0 2	23 0	16 55	16 36	16 54	27 10			n.a.
T 6	9 47	8 41	4 13	20 2	2 12	11 5	3 7	17 36	0 47	23 46	0 6	3 54	2 21	14 38	0 18	23 32	0 2	23 0	16 55	16 33	16 53	27 10			n.a.
W 7	9 25	2 27	3 27	19 41	2 15	11 31	3 12	17 45	0 46	23 47	0 6	3 50	2 21	14 38	0 18	23 32	0 2	22 59	16 54	16 30	16 52	27 11			n.a.
T 8	9 3	3s43	2 30	19 18	2 18	11 57	3 17	17 54	0 44	23 48	0 6	3 47	2 21	14 37	0 18	23 32	0 2	22 59	16 54	16 28	16 51	27 12			n.a.
F 9	8 41	9 33	1 27	18 53	2 20	12 23	3 22	18 3	0 43	23 48	0 6	3 44	2 21	14 37	0 18	23 32	0 2	22 58	16 54	16 27	16 50	27 13			n.a.
S 10	8 18	14 52	0 21	18 26	2 21	12 48	3 26	18 11	0 42	23 49	0 6	3 41	2 20	14 37	0 18	23 32	0 2	22 57	16 54	16 27	16 49	27 14			n.a.
S 11	7 56	19 27	0s44	17 58	2 22	13 12	3 31	18 20	0 40	23 49	0 7	3 38	2 20	14 37	0 18	23 32	0 2	22 57	16 54	16 27	16 48	27 15			n.a.
M12	7 34	23 9	1 46	17 28	2 23	13 37	3 36	18 28	0 39	23 50	0 7	3 35	2 20	14 36	0 18	23 31	0 2	22 56	16 54	16 27	16 47	27 15			n.a.
T 13	7 11	25 50	2 42	16 56	2 23	14 1	3 40	18 37	0 37	23 50	0 7	3 32	2 20	14 36	0 18	23 31	0 2	22 56	16 54	16 27	16 46	27 16			n.a.
W14	6 48	27 21	3 32	16 23	2 22	14 24	3 45	18 45	0 36	23 51	0 7	3 28	2 20	14 36	0 18	23 31	0 2	22 55	16 54	16 27	16 45	27 17			n.a.
T 15	6 26	27 37	4 13	15 48	2 21	14 47	3 49	18 53	0 34	23 51	0 7	3 25	2 20	14 35	0 18	23 31	0 2	22 54	16 54	16 26	16 44	27 18			n.a.
F 16	6 3	26 36	4 43	15 11	2 20	15 10	3 53	19 1	0 33	23 51	0 7	3 22	2 20	14 35	0 18	23 31	0 2	22 54	16 54	16 24	16 44	27 18			n.a.
S 17	5 40	24 19	5 0	14 33	2 17	15 32	3 58	19 9	0 31	23 52	0 8	3 19	2 20	14 35	0 18	23 31	0 2	22 53	16 54	16 21	16 43	27 19			n.a.
S 18	5 17	20 53	5 4	13 53	2 15	15 54	4 2	19 17	0 29	23 52	0 8	3 16	2 20	14 34	0 18	23 31	0 2	22 53	16 54	16 19	16 42	27 20			n.a.
M19	4 54	16 25	4 54	13 11	2 11	16 16	4 6	19 25	0 27	23 53	0 8	3 12	2 20	14 34	0 18	23 31	0 2	22 52	16 54	16 16	16 41	27 21			n.a.
T 20	4 31	11 9	4 28	12 27	2 8	16 36	4 10	19 32	0 26	23 53	0 8	3 9	2 20	14 34	0 18	23 31	0 2	22 52	16 54	16 13	16 40	27 21			n.a.
W21	4 8	5 17	3 48	11 42	2 3	16 57	4 14	19 40	0 24	23 53	0 8	3 6	2 20	14 33	0 18	23 31	0 2	22 51	16 54	16 10	16 39	27 22			n.a.
T 22	3 44	0n55	2 54	10 55	1 58	17 17	4 18	19 48	0 22	23 54	0 8	3 3	2 20	14 33	0 18	23 31	0 2	22 51	16 55	16 8	16 38	27 23			n.a.
F 23	3 21	7 11	1 50	10 7	1 53	17 36	4 21	19 55	0 20	23 54	0 8	3 0	2 20	14 32	0 18	23 31	0 2	22 50	16 55	16 7	16 37	27 23			n.a.
S 24	2 58	13 13	0 38	9 17	1 47	17 55	4 25	20 2	0 18	23 54	0 9	2 56	2 20	14 32	0 18	23 31	0 2	22 50	16 55	16 6	16 36	27 24			n.a.
S 25	2 35	18 39	0n36	8 25	1 40	18 13	4 28	20 9	0 16	23 55	0 9	2 53	2 20	14 31	0 18	23 31	0 2	22 49	16 55	16 6	16 35	27 25			n.a.
M26	2 11	23 6	1 50	7 32	1 33	18 30	4 32	20 16	0 14	23 55	0 9	2 50	2 20	14 31	0 18	23 31	0 2	22 49	16 55	16 6	16 34	27 26			n.a.
T 27	1 48	26 14	2 57	6 37	1 26	18 47	4 35	20 24	0 12	23 55	0 9	2 47	2 20	14 30	0 18	23 31	0 2	22 48	16 55	16 7	16 33	27 26			n.a.
W28	1 25	27 42	3 53	5 42	1 18	19 4	4 38	20 30	0 10	23 56	0 9	2 44	2 20	14 30	0 18	23 31	0 2	22 48	16 55	16 7	16 32	27 27			n.a.
T 29	1 1	27 20	4 36	4 44	1 9	19 20	4 41	20 37	0 8	23 56	0 9	2 40	2 20	14 29	0 18	23 31	0 2	22 47	16 55	16 6	16 31	27 28			n.a.
F 30	0 38	25 12	5 1	3 46	1 1	19 35	4 44	20 44	0 6	23 56	0 10	2 37	2 20	14 29	0 18	23 31	0 2	22 47	16 55	16 5	16 30	27 28			n.a.
S 31	0s15	21n30	5n 8	2s47	0s51	19n50	4n46	20s51	0n 4	23s57	0s10	2s34	2s20	14s28	0n18	23s30	0n 2	22s46	16s55	16n 4	16n29	27s29			n.a.

Julian Day Number = 1310941.5, Delta T = 07h41m39s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'19, Lahiri = -19°28'19 Julian Calendar 1 March 1124 BCE == Greg. Calendar 18 Feb. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

APRIL 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 9	0♈21'47	29♌ 3	27♓11	11♉24	2♐23	26♐34	29♓ 3	9°R 3	8♑47	11♓48	13°R 6	14♉34	29♐51	n.a.	S 1
M 2	11 59 6	1°19'32	12♍57	29°20	11°59	2°45	26°38	29°10	9♏ 1	8°47	11°49	12♉59	14°31	29°57	n.a.	M 2
T 3	12 3 2	2°17'16	26°37	1♈30	12°33	3° 6	26°43	29°18	8°59	8°48	11°51	12°53	14°28	0♑ 4	n.a.	T 3
W 4	12 6 59	3°14'58	10♎ 1	3°40	13° 5	3°26	26°47	29°26	8°57	8°48	11°52	12°48	14°25	0°11	n.a.	W 4
T 5	12 10 55	4°12'39	23° 5	5°50	13°35	3°47	26°51	29°34	8°56	8°49	11°53	12°44	14°22	0°17	n.a.	T 5
F 6	12 14 52	5°10'18	5♏51	8° 1	14° 5	4° 6	26°55	29°42	8°54	8°50	11°55	12°43	14°19	0°24	n.a.	F 6
S 7	12 18 49	6° 7'56	18°19	10°11	14°32	4°26	26°59	29°50	8°52	8°50	11°56	12°D43	14°15	0°31	n.a.	S 7
S 8	12 22 45	7° 5'33	0♐32	12°21	14°58	4°44	27° 2	29°58	8°50	8°50	11°57	12°44	14°12	0°37	n.a.	S 8
M 9	12 26 42	8° 3'08	12°33	14°30	15°22	5° 3	27° 5	0♈ 5	8°48	8°51	11°59	12°45	14° 9	0°44	n.a.	M 9
T 10	12 30 38	9° 0'43	24°27	16°39	15°45	5°21	27° 9	0°13	8°46	8°51	12° 0	12°47	14° 6	0°51	n.a.	T 10
W11	12 34 35	9°58'16	6♑18	18°46	16° 6	5°38	27°12	0°21	8°44	8°52	12° 1	12°R48	14° 3	0°58	n.a.	W11
T 12	12 38 31	10°55'48	18°11	20°51	16°25	5°55	27°14	0°29	8°42	8°52	12° 2	12°48	14° 0	1° 4	n.a.	T 12
F 13	12 42 28	11°53'19	0♒12	22°55	16°42	6°11	27°17	0°37	8°40	8°52	12° 4	12°46	13°56	1°11	n.a.	F 13
S 14	12 46 24	12°50'49	12°24	24°56	16°57	6°27	27°19	0°44	8°38	8°53	12° 5	12°43	13°53	1°18	n.a.	S 14
S 15	12 50 21	13°48'18	24°52	26°56	17°10	6°43	27°22	0°52	8°35	8°53	12° 6	12°40	13°50	1°24	n.a.	S 15
M16	12 54 18	14°45'46	7♓38	28°53	17°22	6°57	27°24	1° 0	8°33	8°53	12° 7	12°35	13°47	1°31	n.a.	M16
T 17	12 58 14	15°43'13	20°44	0♉48	17°31	7°11	27°26	1° 8	8°31	8°53	12° 9	12°31	13°44	1°38	n.a.	T 17
W18	13 2 11	16°40'39	4♈ 9	2°40	17°38	7°25	27°27	1°15	8°29	8°53	12°10	12°27	13°40	1°44	n.a.	W18
T 19	13 6 7	17°38'04	17°53	4°30	17°42	7°38	27°29	1°23	8°27	8°53	12°11	12°25	13°37	1°51	n.a.	T 19
F 20	13 10 4	18°35'27	1♉52	6°17	17°45	7°51	27°30	1°31	8°24	8°54	12°12	12°23	13°34	1°58	n.a.	F 20
S 21	13 14 0	19°32'50	16° 4	8° 1	17°R45	8° 2	27°31	1°38	8°22	8°54	12°13	12°D23	13°31	2° 4	n.a.	S 21
S 22	13 17 57	20°30'11	0♊22	9°42	17°42	8°14	27°32	1°46	8°20	8°R54	12°15	12°24	13°28	2°11	n.a.	S 22
M23	13 21 53	21°27'32	14°44	11°21	17°38	8°24	27°33	1°53	8°18	8°54	12°16	12°25	13°25	2°18	n.a.	M23
T 24	13 25 50	22°24'51	29° 6	12°56	17°31	8°34	27°34	2° 1	8°15	8°54	12°17	12°26	13°21	2°24	n.a.	T 24
W25	13 29 47	23°22'08	13♋23	14°29	17°21	8°44	27°34	2° 9	8°13	8°53	12°18	12°27	13°18	2°31	n.a.	W25
T 26	13 33 43	24°19'25	27°34	15°58	17° 9	8°52	27°R34	2°16	8°11	8°53	12°19	12°R27	13°15	2°38	n.a.	T 26
F 27	13 37 40	25°16'40	11♌37	17°25	16°55	9° 0	27°34	2°24	8° 8	8°53	12°20	12°27	13°12	2°45	n.a.	F 27
S 28	13 41 36	26°13'54	25°29	18°48	16°38	9° 8	27°34	2°31	8° 6	8°53	12°21	12°25	13° 9	2°51	n.a.	S 28
S 29	13 45 33	27°11'07	9♍10	20° 9	16°19	9°14	27°33	2°38	8° 3	8°53	12°22	12°23	13° 6	2°58	n.a.	S 29
M30	13 49 29	28♈ 8'19	22♍38	21♉26	15♉58	9♐20	27♐33	2♈46	8♏ 1	8♑53	12♓23	12♉22	13♉ 2	3♑ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 9	16n37	4n57	1s46	0s42	20n 3	4n48	20s57	0n 1	23s57	0s10	2s31	2s20	14s28	0n18	23s30	0n 2	22s46	16s55	16n 2	16n28	27s29		n.a.
M 2	0 32	10 55	4 28	0 45	0 32	20 17	4 51	21 4	0s 1	23 57	0 10	2 28	2 20	14 27	0 18	23 30	0 2	22 45	16 55	15 59	16 27	27 30		n.a.
T 3	0 55	4 46	3 44	0n17	0 21	20 29	4 53	21 10	0 3	23 58	0 10	2 25	2 20	14 27	0 18	23 30	0 2	22 45	16 55	15 58	16 26	27 31		n.a.
W 4	1 19	1s28	2 48	1 19	0 11	20 41	4 54	21 17	0 6	23 58	0 10	2 21	2 20	14 26	0 18	23 30	0 2	22 45	16 56	15 56	16 26	27 31		n.a.
T 5	1 42	7 30	1 45	2 21	0 1	20 52	4 56	21 23	0 8	23 58	0 11	2 18	2 20	14 25	0 18	23 30	0 2	22 44	16 56	15 55	16 25	27 32		n.a.
F 6	2 5	13 6	0 37	3 23	0n10	21 2	4 57	21 29	0 11	23 58	0 11	2 15	2 20	14 25	0 18	23 30	0 2	22 44	16 56	15 54	16 24	27 33		n.a.
S 7	2 28	18 3	0s31	4 25	0 21	21 12	4 58	21 36	0 13	23 59	0 11	2 12	2 20	14 24	0 18	23 30	0 2	22 43	16 56	15 54	16 23	27 33		n.a.
S 8	2 52	22 9	1 36	5 26	0 31	21 21	4 59	21 42	0 16	23 59	0 11	2 9	2 20	14 24	0 18	23 30	0 2	22 43	16 56	15 55	16 22	27 34		n.a.
M 9	3 15	25 14	2 36	6 27	0 42	21 29	5 0	21 48	0 19	23 59	0 11	2 6	2 20	14 23	0 18	23 30	0 2	22 43	16 56	15 55	16 21	27 34		n.a.
T 10	3 38	27 11	3 28	7 26	0 52	21 36	5 0	21 54	0 22	23 59	0 11	2 2	2 20	14 22	0 18	23 30	0 2	22 42	16 56	15 56	16 20	27 35		n.a.
W11	4 1	27 52	4 12	8 25	1 2	21 42	5 0	22 0	0 24	24 0	0 12	1 59	2 20	14 22	0 18	23 30	0 2	22 42	16 57	15 56	16 19	27 35		n.a.
T 12	4 24	27 16	4 44	9 22	1 11	21 47	5 0	22 6	0 27	24 0	0 12	1 56	2 20	14 21	0 18	23 30	0 2	22 42	16 57	15 56	16 18	27 36		n.a.
F 13	4 46	25 24	5 5	10 17	1 20	21 52	4 59	22 11	0 30	24 0	0 12	1 53	2 20	14 20	0 18	23 30	0 1	22 41	16 57	15 55	16 17	27 36		n.a.
S 14	5 9	22 21	5 13	11 11	1 29	21 55	4 58	22 17	0 33	24 0	0 12	1 50	2 20	14 20	0 18	23 30	0 1	22 41	16 57	15 55	16 16	27 37		n.a.
S 15	5 32	18 14	5 6	12 3	1 37	21 58	4 57	22 23	0 36	24 1	0 12	1 47	2 20	14 19	0 18	23 30	0 1	22 40	16 57	15 53	16 15	27 38		n.a.
M16	5 55	13 13	4 44	12 53	1 45	22 0	4 55	22 28	0 39	24 1	0 13	1 44	2 20	14 18	0 18	23 30	0 1	22 40	16 57	15 52	16 14	27 38		n.a.
T 17	6 17	7 29	4 6	13 41	1 52	22 0	4 53	22 34	0 42	24 1	0 13	1 41	2 20	14 18	0 18	23 30	0 1	22 40	16 58	15 51	16 13	27 39		n.a.
W18	6 40	1 17	3 15	14 26	1 58	22 0	4 50	22 39	0 46	24 1	0 13	1 38	2 20	14 17	0 18	23 30	0 1	22 40	16 58	15 50	16 12	27 39		n.a.
T 19	7 2	5n 7	2 11	15 10	2 3	21 58	4 47	22 45	0 49	24 1	0 13	1 35	2 20	14 16	0 18	23 30	0 1	22 39	16 58	15 49	16 11	27 40		n.a.
F 20	7 24	11 25	0 57	15 51	2 8	21 56	4 44	22 50	0 52	24 2	0 13	1 32	2 20	14 15	0 18	23 30	0 1	22 39	16 58	15 48	16 10	27 40		n.a.
S 21	7 46	17 14	0n20	16 30	2 13	21 52	4 40	22 55	0 56	24 2	0 13	1 29	2 20	14 15	0 18	23 30	0 1	22 39	16 58	15 48	16 9	27 41		n.a.
S 22	8 8	22 9	1 37	17 6	2 16	21 47	4 36	23 1	0 59	24 2	0 14	1 26	2 20	14 14	0 18	23 30	0 1	22 38	16 59	15 48	16 8	27 41		n.a.
M23	8 30	25 44	2 49	17 40	2 19	21 41	4 31	23 6	1 3	24 2	0 14	1 23	2 20	14 13	0 18	23 30	0 1	22 38	16 59	15 49	16 7	27 41		n.a.
T 24	8 52	27 39	3 50	18 12	2 21	21 34	4 26	23 11	1 6	24 3	0 14	1 20	2 20	14 12	0 18	23 30	0 1	22 38	16 59	15 49	16 6	27 42		n.a.
W25	9 13	27 43	4 36	18 42	2 22	21 26	4 20	23 16	1 10	24 3	0 14	1 17	2 20	14 12	0 18	23 30	0 1	22 38	16 59	15 49	16 5	27 42		n.a.
T 26	9 35	25 58	5 5	19 9	2 22	21 16	4 13	23 21	1 14	24 3	0 14	1 14	2 21	14 11	0 18	23 30	0 1	22 37	16 59	15 50	16 4	27 43		n.a.
F 27	9 56	22 37	5 15	19 34	2 22	21 6	4 7	23 26	1 17	24 3	0 15	1 11	2 21	14 10	0 18	23 30	0 1	22 37	17 0	15 49	16 3	27 43		n.a.
S 28	10 17	18 2	5 7	19 57	2 21	20 53	3 59	23 31	1 21	24 3	0 15	1 8	2 21	14 9	0 18	23 30	0 1	22 37	17 0	15 49	16 2	27 44		n.a.
S 29	10 38	12 36	4 42	20 18	2 19	20 40	3 51	23 36	1 25	24 3	0 15	1 5	2 21	14 9	0 18	23 30	0 1	22 37	17 0	15 48	16 1	27 44		n.a.
M30	10n59	6n39	4n 1	20n36	2n16	20n26	3n42	23s41	1s29	24s 4	0s15	1s 2	2s21	14s 8	0n18	23s30	0n 1	22s37	17s 0	15n48	16n 0	27s44		n.a.

Julian Day Number = 1310972.5, Delta T = 07h41m37s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'15, Lahiri = -19°28'14 Julian Calendar 1 Apr. 1124 BCE == Greg. Calendar 21 March 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

MAY 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 26	29♈ 5'30	5♎53	22♉40	15°R34	9♐25	27°R32	2♈53	7°R59	8°R52	12♓24	12°R20	12♉59	3♑11	n.a.	T 1
W 2	13 57 22	0♉ 2'40	18°53	23°51	15♉ 9	9°30	27♐31	3° 0	7♏56	8♑52	12°25	12♉18	12°56	3°18	n.a.	W 2
T 3	14 1 19	0°59'50	1♏38	24°59	14°41	9°34	27°30	3° 8	7°54	8°52	12°26	12°18	12°53	3°25	n.a.	T 3
F 4	14 5 16	1°56'58	14°10	26° 3	14°11	9°37	27°29	3°15	7°51	8°51	12°27	12°D17	12°50	3°31	n.a.	F 4
S 5	14 9 12	2°54'07	26°28	27° 4	13°40	9°39	27°27	3°22	7°49	8°51	12°28	12°18	12°46	3°38	n.a.	S 5
S 6	14 13 9	3°51'14	8♐36	28° 1	13° 8	9°41	27°25	3°29	7°46	8°50	12°29	12°18	12°43	3°45	n.a.	S 6
M 7	14 17 5	4°48'22	20°34	28°55	12°33	9°42	27°23	3°37	7°44	8°50	12°30	12°19	12°40	3°51	n.a.	M 7
T 8	14 21 2	5°45'29	2♑27	29°45	11°58	9°R42	27°21	3°44	7°42	8°49	12°31	12°20	12°37	3°58	n.a.	T 8
W 9	14 24 58	6°42'36	14°19	0♊32	11°22	9°42	27°19	3°51	7°39	8°49	12°32	12°20	12°34	4° 5	n.a.	W 9
T 10	14 28 55	7°39'42	26°12	1°14	10°45	9°40	27°17	3°58	7°37	8°48	12°33	12°21	12°31	4°12	n.a.	T 10
F 11	14 32 52	8°36'49	8♒13	1°53	10° 8	9°38	27°14	4° 5	7°34	8°48	12°34	12°R21	12°27	4°18	n.a.	F 11
S 12	14 36 48	9°33'55	20°25	2°28	9°30	9°35	27°11	4°12	7°32	8°47	12°35	12°21	12°24	4°25	n.a.	S 12
S 13	14 40 45	10°31'01	2♓52	2°58	8°53	9°32	27° 8	4°19	7°29	8°46	12°36	12°21	12°21	4°32	n.a.	S 13
M14	14 44 41	11°28'07	15°39	3°24	8°15	9°27	27° 5	4°25	7°27	8°46	12°36	12°21	12°18	4°38	n.a.	M14
T 15	14 48 38	12°25'13	28°49	3°46	7°39	9°22	27° 2	4°32	7°24	8°45	12°37	12°D21	12°15	4°45	n.a.	T 15
W16	14 52 34	13°22'18	12♈22	4° 4	7° 2	9°16	26°58	4°39	7°22	8°44	12°38	12°21	12°11	4°52	n.a.	W16
T 17	14 56 31	14°19'24	26°18	4°16	6°27	9°10	26°54	4°46	7°20	8°44	12°39	12°21	12° 8	4°58	n.a.	T 17
F 18	15 0 27	15°16'30	10♉35	4°25	5°53	9° 2	26°50	4°52	7°17	8°43	12°40	12°R21	12° 5	5° 5	n.a.	F 18
S 19	15 4 24	16°13'36	25° 9	4°R29	5°20	8°54	26°46	4°59	7°15	8°42	12°40	12°21	12° 2	5°12	n.a.	S 19
S 20	15 8 21	17°10'41	9♊54	4°28	4°49	8°45	26°42	5° 6	7°12	8°41	12°41	12°20	11°59	5°19	n.a.	S 20
M21	15 12 17	18° 7'46	24°41	4°22	4°20	8°36	26°38	5°12	7°10	8°40	12°42	12°20	11°56	5°25	n.a.	M21
T 22	15 16 14	19° 4'52	9♋25	4°13	3°52	8°26	26°33	5°19	7° 7	8°39	12°42	12°19	11°52	5°32	n.a.	T 22
W23	15 20 10	20° 1'57	23°59	3°58	3°26	8°15	26°29	5°25	7° 5	8°39	12°43	12°19	11°49	5°39	n.a.	W23
T 24	15 24 7	20°59'01	8♌19	3°40	3° 2	8° 4	26°24	5°31	7° 3	8°38	12°44	12°18	11°46	5°45	n.a.	T 24
F 25	15 28 3	21°56'05	22°22	3°18	2°41	7°52	26°19	5°38	7° 0	8°37	12°44	12°D18	11°43	5°52	n.a.	F 25
S 26	15 32 0	22°53'09	6♍ 6	2°52	2°22	7°40	26°13	5°44	6°58	8°36	12°45	12°18	11°40	5°59	n.a.	S 26
S 27	15 35 57	23°50'13	19°32	2°23	2° 4	7°27	26° 8	5°50	6°56	8°35	12°45	12°19	11°37	6° 5	n.a.	S 27
M28	15 39 53	24°47'17	2♎40	1°51	1°50	7°13	26° 3	5°56	6°53	8°34	12°46	12°20	11°33	6°12	n.a.	M28
T 29	15 43 50	25°44'20	15°33	1°16	1°37	6°59	25°57	6° 2	6°51	8°32	12°47	12°21	11°30	6°19	n.a.	T 29
W30	15 47 46	26°41'24	28°12	0°40	1°27	6°45	25°51	6° 8	6°49	8°31	12°47	12°22	11°27	6°25	n.a.	W30
T 31	15 51 43	27♉38'28	10♏39	0♊ 3	1♉20	6♐30	25♐45	6♈14	6♏47	8♑30	12♓48	12°R22	11♉24	6♑32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n20	0n30	3n 8	20n53	2n13	20n10	3n33	23s46	1s33	24s 4	0s15	0s59	2s21	14s 7	0n18	23s30	0n 1	22s36	17s 1	15n47	15n59	27s45			n.a.
W 2	11 40	5s34	2 6	21 7	2 9	19 53	3 24	23 50	1 37	24 4	0 16	0 56	2 21	14 6	0 18	23 30	0 1	22 36	17 1	15 47	15 58	27 45			n.a.
T 3	12 1	11 19	0 59	21 19	2 4	19 35	3 13	23 55	1 41	24 4	0 16	0 53	2 21	14 5	0 18	23 30	0 1	22 36	17 1	15 47	15 57	27 46			n.a.
F 4	12 21	16 31	0s10	21 30	1 58	19 16	3 3	24 0	1 45	24 4	0 16	0 51	2 21	14 5	0 18	23 31	0 1	22 36	17 1	15 47	15 56	27 46			n.a.
S 5	12 41	20 56	1 18	21 38	1 52	18 55	2 52	24 4	1 50	24 5	0 16	0 48	2 21	14 4	0 18	23 31	0 1	22 36	17 2	15 47	15 56	27 46			n.a.
S 6	13 0	24 25	2 21	21 44	1 44	18 34	2 40	24 9	1 54	24 5	0 16	0 45	2 22	14 3	0 18	23 31	0 1	22 36	17 2	15 47	15 55	27 47			n.a.
M 7	13 20	26 45	3 17	21 49	1 36	18 12	2 28	24 13	1 58	24 5	0 17	0 42	2 22	14 2	0 18	23 31	0 1	22 35	17 2	15 47	15 54	27 47			n.a.
T 8	13 39	27 52	4 4	21 51	1 28	17 49	2 15	24 17	2 3	24 5	0 17	0 39	2 22	14 1	0 18	23 31	0 1	22 35	17 2	15 47	15 53	27 47			n.a.
W 9	13 59	27 41	4 40	21 52	1 18	17 25	2 2	24 22	2 7	24 5	0 17	0 37	2 22	14 1	0 18	23 31	0 1	22 35	17 3	15 47	15 52	27 48			n.a.
T 10	14 18	26 14	5 5	21 51	1 8	17 1	1 49	24 26	2 12	24 5	0 17	0 34	2 22	14 0	0 18	23 31	0 1	22 35	17 3	15 48	15 51	27 48			n.a.
F 11	14 36	23 35	5 16	21 48	0 57	16 36	1 36	24 30	2 16	24 5	0 17	0 31	2 22	13 59	0 18	23 31	0 1	22 35	17 3	15 48	15 50	27 48			n.a.
S 12	14 55	19 52	5 14	21 44	0 45	16 11	1 22	24 34	2 21	24 6	0 18	0 29	2 22	13 58	0 18	23 31	0 1	22 35	17 4	15 48	15 49	27 49			n.a.
S 13	15 13	15 13	4 57	21 38	0 33	15 46	1 8	24 38	2 25	24 6	0 18	0 26	2 22	13 57	0 18	23 31	0 1	22 35	17 4	15 48	15 48	27 49			n.a.
M14	15 31	9 48	4 25	21 31	0 20	15 21	0 54	24 42	2 30	24 6	0 18	0 23	2 22	13 57	0 18	23 31	0 1	22 35	17 4	15 48	15 47	27 49			n.a.
T 15	15 49	3 49	3 39	21 21	0 7	14 55	0 40	24 46	2 35	24 6	0 18	0 21	2 23	13 56	0 18	23 31	0 1	22 35	17 4	15 48	15 46	27 50			n.a.
W16	16 7	2n32	2 39	21 11	0s 7	14 30	0 26	24 49	2 39	24 6	0 18	0 18	2 23	13 55	0 18	23 31	0 1	22 35	17 5	15 48	15 45	27 50			n.a.
T 17	16 24	8 57	1 28	20 59	0 22	14 5	0 13	24 53	2 44	24 6	0 19	0 15	2 23	13 54	0 18	23 31	0 1	22 35	17 5	15 48	15 44	27 50			n.a.
F 18	16 41	15 5	0 10	20 46	0 37	13 41	0s 1	24 57	2 49	24 6	0 19	0 13	2 23	13 53	0 18	23 31	0 1	22 35	17 5	15 48	15 43	27 50			n.a.
S 19	16 58	20 30	1n10	20 31	0 53	13 17	0 15	25 0	2 53	24 6	0 19	0 10	2 23	13 53	0 18	23 31	0 1	22 35	17 6	15 48	15 42	27 51			n.a.
S 20	17 14	24 43	2 27	20 16	1 8	12 54	0 28	25 3	2 58	24 6	0 19	0 8	2 23	13 52	0 18	23 31	0 1	22 35	17 6	15 47	15 41	27 51			n.a.
M21	17 31	27 17	3 34	19 59	1 24	12 31	0 41	25 6	3 3	24 7	0 19	0 5	2 24	13 51	0 18	23 31	0 1	22 35	17 6	15 47	15 40	27 51			n.a.
T 22	17 47	27 55	4 26	19 41	1 40	12 10	0 54	25 9	3 7	24 7	0 20	0 3	2 24	13 50	0 18	23 32	0 1	22 35	17 7	15 47	15 39	27 51			n.a.
W23	18 2	26 36	5 1	19 23	1 57	11 49	1 7	25 12	3 12	24 7	0 20	0 1	2 24	13 50	0 18	23 32	0 1	22 35	17 7	15 47	15 38	27 52			n.a.
T 24	18 18	23 33	5 16	19 4	2 12	11 29	1 19	25 15	3 17	24 7	0 20	0n 2	2 24	13 49	0 18	23 32	0 1	22 35	17 7	15 47	15 37	27 52			n.a.
F 25	18 33	19 11	5 12	18 44	2 28	11 11	1 31	25 17	3 21	24 7	0 20	0 4	2 24	13 48	0 17	23 32	0 1	22 35	17 8	15 47	15 36	27 52			n.a.
S 26	18 48	13 54	4 50	18 24	2 43	10 54	1 42	25 20	3 26	24 7	0 20	0 7	2 24	13 47	0 17	23 32	0 1	22 35	17 8	15 47	15 35	27 52			n.a.
S 27	19 2	8 4	4 12	18 4	2 58	10 37	1 53	25 22	3 31	24 7	0 21	0 9	2 24	13 46	0 17	23 32	0 1	22 35	17 8	15 47	15 34	27 52			n.a.
M28	19 16	2 0	3 22	17 44	3 12	10 22	2 4	25 24	3 35	24 7	0 21	0 11	2 25	13 46	0 17	23 32	0 1	22 35	17 9	15 47	15 33	27 53			n.a.
T 29	19 30	4s 2	2 23	17 24	3 26	10 8	2 14	25 26	3 40	24 7	0 21	0 13	2 25	13 45	0 17	23 32	0 1	22 35	17 9	15 48	15 32	27 53			n.a.
W30	19 44	9 48	1 18	17 5	3 38	9 56	2 23	25 28	3 44	24 7	0 21	0 16	2 25	13 44	0 17	23 32	0 1	22 35	17 9	15 48	15 31	27 53			n.a.
T 31	19n57	15s 7	0n 9	16n46	3s49	9n45	2s33	25s30	3s48	24s 7	0s21	0n18	2s25	13s43	0n17	23s32	0n 1	22s35	17s10	15n48	15n30	27s53			n.a.

Julian Day Number = 1311002.5, Delta T = 07h41m36s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'11, Lahiri = -19°28'10 Julian Calendar 1 May 1124 BCE == Greg. Calendar 20 Apr. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

JUNE 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 55 39	28♉35'31	22♏55	29°R25	1°R15	6°R15	25°R39	6♈20	6°R44	8°R29	12♓48	12°R22	11♉21	6♑39	n.a.	F 1
S 2	15 59 36	29°32'36	5♐ 3	28♉47	1♉12	6♐ 0	25♐33	6°26	6♏42	8♑28	12°49	12♉21	11°17	6°46	n.a.	S 2
S 3	16 3 32	0♊29'41	17° 3	28°10	1°D11	5°44	25°27	6°31	6°40	8°27	12°49	12°19	11°14	6°52	n.a.	S 3
M 4	16 7 29	1°26'46	28°58	27°34	1°13	5°28	25°21	6°37	6°38	8°26	12°49	12°16	11°11	6°59	n.a.	M 4
T 5	16 11 26	2°23'52	10♑49	27° 0	1°17	5°12	25°14	6°43	6°36	8°24	12°50	12°13	11° 8	7° 6	n.a.	T 5
W 6	16 15 22	3°20'58	22°40	26°29	1°24	4°55	25° 7	6°48	6°34	8°23	12°50	12°10	11° 5	7°12	n.a.	W 6
T 7	16 19 19	4°18'05	4♒34	26° 1	1°32	4°39	25° 1	6°54	6°32	8°22	12°51	12° 7	11° 2	7°19	n.a.	T 7
F 8	16 23 15	5°15'13	16°34	25°37	1°43	4°22	24°54	6°59	6°29	8°21	12°51	12° 5	10°58	7°26	n.a.	F 8
S 9	16 27 12	6°12'22	28°44	25°17	1°55	4° 6	24°47	7° 4	6°27	8°19	12°51	12° 4	10°55	7°33	n.a.	S 9
S 10	16 31 8	7° 9'31	11♓ 9	25° 1	2°10	3°49	24°40	7°10	6°25	8°18	12°52	12°D 3	10°52	7°39	n.a.	S 10
M11	16 35 5	8° 6'41	23°52	24°51	2°27	3°33	24°33	7°15	6°23	8°17	12°52	12° 4	10°49	7°46	n.a.	M11
T 12	16 39 1	9° 3'53	6♈58	24°D45	2°45	3°16	24°26	7°20	6°22	8°15	12°52	12° 5	10°46	7°53	n.a.	T 12
W13	16 42 58	10° 1'05	20°30	24°46	3° 6	3° 0	24°18	7°25	6°20	8°14	12°52	12° 7	10°43	7°59	n.a.	W13
T 14	16 46 55	10°58'18	4♉28	24°51	3°28	2°44	24°11	7°30	6°18	8°12	12°53	12° 8	10°39	8° 6	n.a.	T 14
F 15	16 50 51	11°55'32	18°52	25° 2	3°52	2°28	24° 4	7°35	6°16	8°11	12°53	12°R 8	10°36	8°13	n.a.	F 15
S 16	16 54 48	12°52'47	3♊38	25°20	4°17	2°13	23°56	7°39	6°14	8°10	12°53	12° 7	10°33	8°19	n.a.	S 16
S 17	16 58 44	13°50'04	18°40	25°43	4°44	1°58	23°49	7°44	6°12	8° 8	12°53	12° 4	10°30	8°26	n.a.	S 17
M18	17 2 41	14°47'21	3♋48	26°12	5°13	1°43	23°41	7°49	6°11	8° 7	12°53	12° 0	10°27	8°33	n.a.	M18
T 19	17 6 37	15°44'38	18°54	26°47	5°43	1°28	23°33	7°53	6° 9	8° 5	12°53	11°55	10°23	8°40	n.a.	T 19
W20	17 10 34	16°41'57	3♌47	27°27	6°15	1°15	23°26	7°58	6° 7	8° 4	12°53	11°51	10°20	8°46	n.a.	W20
T 21	17 14 31	17°39'16	18°21	28°14	6°47	1° 1	23°18	8° 2	6° 6	8° 2	12°53	11°47	10°17	8°53	n.a.	T 21
F 22	17 18 27	18°36'36	2♍32	29° 6	7°22	0°48	23°10	8° 6	6° 4	8° 1	12°53	11°44	10°14	9° 0	n.a.	F 22
S 23	17 22 24	19°33'56	16°17	0♎ 4	7°57	0°36	23° 3	8°10	6° 2	7°59	12°R54	11°D43	10°11	9° 6	n.a.	S 23
S 24	17 26 20	20°31'17	29°38	1° 7	8°34	0°24	22°55	8°15	6° 1	7°58	12°54	11°43	10° 8	9°13	n.a.	S 24
M25	17 30 17	21°28'39	12♎36	2°16	9°11	0°13	22°47	8°19	5°59	7°56	12°53	11°45	10° 4	9°20	n.a.	M25
T 26	17 34 13	22°26'02	25°16	3°31	9°50	0° 3	22°39	8°23	5°58	7°55	12°53	11°46	10° 1	9°26	n.a.	T 26
W27	17 38 10	23°23'25	7♏41	4°50	10°30	29♏53	22°31	8°26	5°57	7°53	12°53	11°R47	9°58	9°33	n.a.	W27
T 28	17 42 6	24°20'50	19°54	6°14	11°11	29°44	22°24	8°30	5°55	7°51	12°53	11°47	9°55	9°40	n.a.	T 28
F 29	17 46 3	25°18'16	1♐58	7°43	11°53	29°36	22°16	8°34	5°54	7°50	12°53	11°45	9°52	9°47	n.a.	F 29
S 30	17 50 0	26♊15'43	13♐56	9♊17	12♉36	29♏29	22♐ 8	8♈37	5♏53	7♑48	12♓53	11♉41	9♉49	9♑53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n10	19s44	0s58	16n28	3s59	9n35	2s41	25s31	3s53	24s 7	0s22	0n20	2s25	13s43	0n17	23s32	0n 1	22s35	17s10	15n48	15n29	27s53		n.a.
S 2	20 23	23 29	2 2	16 12	4 7	9 26	2 50	25 33	3 57	24 7	0 22	0 22	2 26	13 42	0 17	23 32	0 1	22 35	17 10	15 48	15 28	27 53		n.a.
S 3	20 35	26 10	3 0	15 57	4 14	9 18	2 58	25 34	4 1	24 7	0 22	0 24	2 26	13 41	0 17	23 33	0 1	22 36	17 11	15 47	15 27	27 54		n.a.
M 4	20 47	27 39	3 49	15 43	4 20	9 12	3 5	25 35	4 5	24 7	0 22	0 26	2 26	13 41	0 17	23 33	0 1	22 36	17 11	15 46	15 26	27 54		n.a.
T 5	20 59	27 50	4 29	15 32	4 24	9 7	3 12	25 36	4 9	24 7	0 22	0 28	2 26	13 40	0 17	23 33	0 1	22 36	17 11	15 45	15 25	27 54		n.a.
W 6	21 10	26 45	4 56	15 22	4 26	9 3	3 18	25 36	4 13	24 7	0 23	0 31	2 26	13 39	0 17	23 33	0 1	22 36	17 12	15 44	15 24	27 54		n.a.
T 7	21 21	24 28	5 11	15 15	4 27	9 1	3 24	25 37	4 17	24 7	0 23	0 33	2 27	13 39	0 17	23 33	0 1	22 36	17 12	15 43	15 23	27 54		n.a.
F 8	21 32	21 5	5 13	15 10	4 26	8 59	3 30	25 37	4 20	24 7	0 23	0 35	2 27	13 38	0 17	23 33	0 1	22 36	17 12	15 43	15 22	27 54		n.a.
S 9	21 42	16 47	5 1	15 7	4 24	8 58	3 35	25 38	4 24	24 7	0 23	0 36	2 27	13 37	0 17	23 33	0 1	22 37	17 13	15 42	15 21	27 54		n.a.
S 10	21 52	11 43	4 35	15 7	4 21	8 59	3 40	25 38	4 27	24 7	0 23	0 38	2 27	13 37	0 17	23 33	0 1	22 37	17 13	15 42	15 20	27 54		n.a.
M11	22 1	6 3	3 54	15 9	4 16	9 0	3 45	25 38	4 31	24 6	0 23	0 40	2 27	13 36	0 17	23 33	0 1	22 37	17 13	15 42	15 19	27 54		n.a.
T 12	22 10	0n 3	3 1	15 14	4 10	9 3	3 49	25 37	4 34	24 6	0 24	0 42	2 28	13 35	0 17	23 33	0 1	22 37	17 14	15 43	15 18	27 54		n.a.
W13	22 19	6 21	1 56	15 21	4 2	9 6	3 53	25 37	4 37	24 6	0 24	0 44	2 28	13 35	0 17	23 33	0 1	22 37	17 14	15 43	15 17	27 55		n.a.
T 14	22 27	12 34	0 42	15 31	3 54	9 11	3 56	25 37	4 40	24 6	0 24	0 46	2 28	13 34	0 17	23 34	0 1	22 38	17 14	15 44	15 16	27 55		n.a.
F 15	22 35	18 18	0n37	15 43	3 44	9 16	3 59	25 36	4 42	24 6	0 24	0 47	2 28	13 33	0 17	23 34	0 1	22 38	17 15	15 44	15 15	27 55		n.a.
S 16	22 43	23 6	1 55	15 57	3 34	9 22	4 2	25 35	4 45	24 6	0 24	0 49	2 28	13 33	0 17	23 34	0 1	22 38	17 15	15 43	15 14	27 55		n.a.
S 17	22 50	26 26	3 6	16 13	3 23	9 29	4 5	25 35	4 47	24 6	0 25	0 51	2 29	13 32	0 17	23 34	0 1	22 38	17 16	15 42	15 13	27 55		n.a.
M18	22 57	27 52	4 5	16 31	3 11	9 36	4 7	25 34	4 50	24 5	0 25	0 52	2 29	13 32	0 17	23 34	0 1	22 39	17 16	15 41	15 12	27 55		n.a.
T 19	23 3	27 12	4 47	16 52	2 59	9 44	4 9	25 33	4 52	24 5	0 25	0 54	2 29	13 31	0 17	23 34	0 1	22 39	17 16	15 40	15 11	27 55		n.a.
W20	23 9	24 36	5 8	17 14	2 46	9 53	4 10	25 32	4 54	24 5	0 25	0 56	2 29	13 31	0 17	23 34	0 1	22 39	17 17	15 38	15 10	27 55		n.a.
T 21	23 15	20 28	5 9	17 37	2 32	10 3	4 12	25 31	4 56	24 5	0 25	0 57	2 30	13 30	0 17	23 34	0 1	22 40	17 17	15 37	15 9	27 55		n.a.
F 22	23 20	15 15	4 51	18 2	2 18	10 13	4 13	25 30	4 58	24 4	0 25	0 59	2 30	13 30	0 17	23 34	0 1	22 40	17 17	15 36	15 8	27 55		n.a.
S 23	23 25	9 25	4 17	18 28	2 4	10 23	4 14	25 29	4 59	24 4	0 26	1 0	2 30	13 29	0 17	23 35	0 1	22 40	17 18	15 36	15 7	27 55		n.a.
S 24	23 29	3 20	3 29	18 55	1 50	10 35	4 14	25 28	5 1	24 4	0 26	1 1	2 30	13 29	0 17	23 35	0 1	22 40	17 18	15 36	15 6	27 55		n.a.
M25	23 33	2s44	2 32	19 23	1 36	10 46	4 15	25 26	5 2	24 4	0 26	1 3	2 31	13 28	0 17	23 35	0 1	22 41	17 18	15 36	15 5	27 55		n.a.
T 26	23 37	8 34	1 28	19 52	1 22	10 58	4 15	25 25	5 3	24 3	0 26	1 4	2 31	13 28	0 17	23 35	0 1	22 41	17 19	15 37	15 4	27 55		n.a.
W27	23 40	13 57	0 22	20 21	1 7	11 11	4 15	25 24	5 4	24 3	0 26	1 5	2 31	13 27	0 17	23 35	0 1	22 42	17 19	15 37	15 3	27 54		n.a.
T 28	23 42	18 42	0s44	20 50	0 53	11 24	4 15	25 23	5 5	24 3	0 26	1 7	2 31	13 27	0 17	23 35	0 1	22 42	17 19	15 37	15 2	27 54		n.a.
F 29	23 45	22 38	1 47	21 18	0 40	11 37	4 14	25 22	5 6	24 3	0 27	1 8	2 32	13 26	0 17	23 35	0 1	22 42	17 20	15 36	15 0	27 54		n.a.
S 30	23n47	25s34	2s45	21n46	0s26	11n51	4s13	25s21	5s 7	24s 2	0s27	1n 9	2s32	13s26	0n17	23s35	0n 1	22s43	17s20	15n35	14n59	27s54		n.a.

Julian Day Number = 1311033.5, Delta T = 07h41m34s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'07, Lahiri = -19°28'06 Julian Calendar 1 June 1124 BCE == Greg. Calendar 21 May 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

JULY 1124 BCE (-1123) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 56	27♊13'11	25♐50	10♊55	13♉20	29°R22	22°R 0	8♈41	5°R51	7°R47	12°R53	11°R35	9♉45	10♑ 0	n.a.	S 1
M 2	17 57 53	28°10'40	7♑42	12°37	14° 5	29♏16	21♐53	8°44	5♏50	7♑45	12♓53	11♉27	9°42	10° 7	n.a.	M 2
T 3	18 1 49	29° 8'11	19°33	14°22	14°51	29°10	21°45	8°47	5°49	7°43	12°53	11°18	9°39	10°13	n.a.	T 3
W 4	18 5 46	0♋ 5'43	1♒26	16°11	15°38	29° 6	21°37	8°51	5°48	7°42	12°52	11° 9	9°36	10°20	n.a.	W 4
T 5	18 9 42	1° 3'17	13°22	18° 2	16°25	29° 2	21°30	8°54	5°47	7°40	12°52	11° 0	9°33	10°27	n.a.	T 5
F 6	18 13 39	2° 0'52	25°24	19°56	17°13	28°59	21°22	8°57	5°46	7°39	12°52	10°53	9°29	10°34	n.a.	F 6
S 7	18 17 36	2°58'29	7♓35	21°52	18° 2	28°57	21°15	9° 0	5°45	7°37	12°52	10°48	9°26	10°40	n.a.	S 7
S 8	18 21 32	3°56'07	19°59	23°50	18°52	28°56	21° 7	9° 2	5°44	7°35	12°51	10°45	9°23	10°47	n.a.	S 8
M 9	18 25 29	4°53'47	2♈38	25°50	19°43	28°D56	21° 0	9° 5	5°43	7°34	12°51	10°D44	9°20	10°54	n.a.	M 9
T 10	18 29 25	5°51'29	15°38	27°50	20°34	28°56	20°53	9° 8	5°42	7°32	12°51	10°44	9°17	11° 0	n.a.	T 10
W11	18 33 22	6°49'13	29° 3	29°51	21°26	28°57	20°45	9°10	5°42	7°30	12°50	10°45	9°14	11° 7	n.a.	W11
T 12	18 37 18	7°46'58	12♉54	1♋52	22°18	28°59	20°38	9°13	5°41	7°29	12°50	10°R45	9°10	11°14	n.a.	T 12
F 13	18 41 15	8°44'46	27°12	3°54	23°11	29° 2	20°31	9°15	5°40	7°27	12°50	10°44	9° 7	11°20	n.a.	F 13
S 14	18 45 11	9°42'35	11♊57	5°55	24° 5	29° 5	20°24	9°17	5°39	7°26	12°49	10°41	9° 4	11°27	n.a.	S 14
S 15	18 49 8	10°40'26	27° 1	7°56	24°59	29°10	20°17	9°19	5°39	7°24	12°49	10°35	9° 1	11°34	n.a.	S 15
M16	18 53 5	11°38'19	12♋17	9°56	25°54	29°15	20°11	9°21	5°38	7°22	12°48	10°28	8°58	11°41	n.a.	M16
T 17	18 57 1	12°36'14	27°35	11°55	26°49	29°21	20° 4	9°23	5°38	7°21	12°48	10°19	8°55	11°47	n.a.	T 17
W18	19 0 58	13°34'10	12♌42	13°54	27°45	29°28	19°57	9°25	5°37	7°19	12°47	10° 9	8°51	11°54	n.a.	W18
T 19	19 4 54	14°32'08	27°30	15°52	28°41	29°36	19°51	9°27	5°37	7°17	12°47	10° 1	8°48	12° 1	n.a.	T 19
F 20	19 8 51	15°30'07	11♍51	17°49	29°38	29°44	19°45	9°28	5°37	7°16	12°46	9°55	8°45	12° 7	n.a.	F 20
S 21	19 12 47	16°28'07	25°43	19°44	0♊35	29°53	19°38	9°30	5°36	7°14	12°46	9°51	8°42	12°14	n.a.	S 21
S 22	19 16 44	17°26'09	9♎ 7	21°39	1°33	0♐ 3	19°32	9°31	5°36	7°13	12°45	9°49	8°39	12°21	n.a.	S 22
M23	19 20 40	18°24'13	22° 4	23°32	2°31	0°14	19°26	9°32	5°36	7°11	12°45	9°D49	8°35	12°28	n.a.	M23
T 24	19 24 37	19°22'18	4♏39	25°24	3°30	0°25	19°21	9°33	5°36	7° 9	12°44	9°R49	8°32	12°34	n.a.	T 24
W25	19 28 34	20°20'24	16°57	27°15	4°29	0°37	19°15	9°34	5°36	7° 8	12°43	9°49	8°29	12°41	n.a.	W25
T 26	19 32 30	21°18'33	29° 3	29° 4	5°28	0°50	19° 9	9°35	5°D36	7° 6	12°43	9°47	8°26	12°48	n.a.	T 26
F 27	19 36 27	22°16'43	11♐ 0	0♌53	6°28	1° 4	19° 4	9°36	5°36	7° 5	12°42	9°44	8°23	12°54	n.a.	F 27
S 28	19 40 23	23°14'54	22°52	2°40	7°28	1°18	18°59	9°37	5°36	7° 3	12°41	9°37	8°20	13° 1	n.a.	S 28
S 29	19 44 20	24°13'08	4♑43	4°26	8°29	1°33	18°54	9°37	5°36	7° 1	12°41	9°27	8°16	13° 8	n.a.	S 29
M30	19 48 16	25°11'23	16°35	6°10	9°30	1°48	18°49	9°38	5°36	7° 0	12°40	9°16	8°13	13°15	n.a.	M30
T 31	19 52 13	26♋ 9'41	28♑29	7♌54	10♊31	2♐ 4	18♐44	9♈38	5♏36	6♑58	12♓39	9♉ 2	8♉10	13♑21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n48	27s21	3s35	22n14	0s13	12n 5	4s13	25s20	5s 7	24s 2	0s27	1n10	2s32	13s26	0n17	23s35	0n 0	22s43	17s20	15n33	14n58	27s54			n.a.
M 2	23 49	27 51	4 15	22 41	0 0	12 20	4 12	25 19	5 8	24 2	0 27	1 11	2 32	13 25	0 17	23 35	0 0	22 43	17 21	15 31	14 57	27 54			n.a.
T 3	23 50	27 4	4 45	23 6	0n12	12 34	4 10	25 18	5 8	24 1	0 27	1 13	2 33	13 25	0 17	23 36	0 0	22 44	17 21	15 28	14 56	27 54			n.a.
W 4	23 50	25 4	5 2	23 29	0 24	12 49	4 9	25 17	5 8	24 1	0 27	1 14	2 33	13 24	0 17	23 36	0 0	22 44	17 21	15 25	14 55	27 54			n.a.
T 5	23 50	21 57	5 6	23 51	0 34	13 4	4 8	25 16	5 8	24 1	0 28	1 15	2 33	13 24	0 17	23 36	0 0	22 45	17 22	15 22	14 54	27 54			n.a.
F 6	23 49	17 54	4 57	24 11	0 45	13 19	4 6	25 16	5 8	24 0	0 28	1 16	2 33	13 24	0 17	23 36	0 0	22 45	17 22	15 20	14 53	27 54			n.a.
S 7	23 48	13 5	4 34	24 29	0 54	13 35	4 4	25 15	5 8	24 0	0 28	1 16	2 34	13 23	0 17	23 36	0 0	22 45	17 23	15 18	14 52	27 53			n.a.
S 8	23 46	7 40	3 58	24 44	1 3	13 50	4 2	25 15	5 8	24 0	0 28	1 17	2 34	13 23	0 17	23 36	0 0	22 46	17 23	15 17	14 51	27 53			n.a.
M 9	23 44	1 50	3 10	24 57	1 11	14 6	4 0	25 14	5 7	23 59	0 28	1 18	2 34	13 23	0 17	23 36	0 0	22 46	17 23	15 17	14 50	27 53			n.a.
T 10	23 42	4n15	2 10	25 7	1 18	14 22	3 58	25 14	5 7	23 59	0 28	1 19	2 34	13 23	0 17	23 36	0 0	22 47	17 24	15 17	14 49	27 53			n.a.
W11	23 39	10 21	1 2	25 14	1 24	14 38	3 55	25 13	5 6	23 58	0 28	1 20	2 35	13 22	0 17	23 36	0 0	22 47	17 24	15 18	14 48	27 53			n.a.
T 12	23 36	16 9	0n11	25 19	1 30	14 54	3 53	25 13	5 6	23 58	0 28	1 20	2 35	13 22	0 17	23 37	0 0	22 48	17 24	15 18	14 47	27 53			n.a.
F 13	23 32	21 16	1 27	25 21	1 35	15 10	3 50	25 13	5 5	23 58	0 29	1 21	2 35	13 22	0 17	23 37	0 0	22 48	17 24	15 17	14 46	27 52			n.a.
S 14	23 28	25 12	2 39	25 20	1 39	15 26	3 47	25 13	5 4	23 57	0 29	1 22	2 36	13 22	0 17	23 37	0 0	22 48	17 25	15 16	14 45	27 52			n.a.
S 15	23 24	27 28	3 41	25 17	1 42	15 41	3 45	25 13	5 3	23 57	0 29	1 22	2 36	13 22	0 17	23 37	0 0	22 49	17 25	15 14	14 44	27 52			n.a.
M16	23 19	27 42	4 28	25 11	1 44	15 57	3 42	25 14	5 2	23 56	0 29	1 23	2 36	13 21	0 16	23 37	0 0	22 49	17 25	15 12	14 43	27 52			n.a.
T 17	23 13	25 49	4 56	25 3	1 46	16 13	3 39	25 14	5 1	23 56	0 29	1 23	2 36	13 21	0 16	23 37	0 0	22 50	17 26	15 9	14 42	27 52			n.a.
W18	23 8	22 6	5 3	24 52	1 47	16 29	3 36	25 15	5 0	23 56	0 29	1 24	2 37	13 21	0 16	23 37	0 0	22 50	17 26	15 6	14 41	27 51			n.a.
T 19	23 1	17 3	4 50	24 39	1 48	16 45	3 32	25 15	4 59	23 55	0 29	1 24	2 37	13 21	0 16	23 37	0 0	22 51	17 26	15 4	14 40	27 51			n.a.
F 20	22 55	11 12	4 18	24 24	1 48	17 0	3 29	25 16	4 58	23 55	0 29	1 25	2 37	13 21	0 16	23 37	0 0	22 51	17 27	15 2	14 39	27 51			n.a.
S 21	22 48	4 58	3 32	24 7	1 47	17 15	3 26	25 17	4 57	23 55	0 30	1 25	2 37	13 21	0 16	23 38	0 0	22 52	17 27	15 0	14 38	27 51			n.a.
S 22	22 40	1s17	2 36	23 48	1 46	17 31	3 22	25 18	4 55	23 54	0 30	1 25	2 38	13 21	0 16	23 38	0 0	22 52	17 27	15 0	14 37	27 50			n.a.
M23	22 33	7 18	1 33	23 27	1 44	17 46	3 19	25 19	4 54	23 54	0 30	1 25	2 38	13 21	0 16	23 38	0 0	22 53	17 28	15 0	14 36	27 50			n.a.
T 24	22 24	12 51	0 27	23 4	1 42	18 0	3 15	25 20	4 53	23 53	0 30	1 26	2 38	13 21	0 16	23 38	0 0	22 53	17 28	15 0	14 35	27 50			n.a.
W25	22 16	17 47	0s38	22 40	1 39	18 15	3 11	25 21	4 51	23 53	0 30	1 26	2 39	13 21	0 16	23 38	0 0	22 54	17 28	15 0	14 34	27 50			n.a.
T 26	22 7	21 54	1 40	22 14	1 36	18 30	3 7	25 23	4 50	23 53	0 30	1 26	2 39	13 21	0 16	23 38	0 0	22 54	17 28	14 59	14 33	27 49			n.a.
F 27	21 57	25 3	2 37	21 47	1 32	18 44	3 4	25 24	4 48	23 52	0 30	1 26	2 39	13 21	0 16	23 38	0 0	22 55	17 29	14 58	14 32	27 49			n.a.
S 28	21 47	27 5	3 27	21 19	1 28	18 58	3 0	25 25	4 47	23 52	0 30	1 26	2 39	13 21	0 16	23 38	0 0	22 55	17 29	14 56	14 31	27 49			n.a.
S 29	21 37	27 52	4 7	20 49	1 24	19 11	2 56	25 27	4 45	23 52	0 30	1 26	2 40	13 21	0 16	23 38	0 0	22 56	17 29	14 53	14 30	27 48			n.a.
M30	21 27	27 22	4 37	20 18	1 19	19 24	2 52	25 29	4 43	23 51	0 30	1 26	2 40	13 21	0 16	23 38	0 0	22 56	17 30	14 49	14 29	27 48			n.a.
T 31	21n16	25s37	4s55	19n47	1n14	19n37	2s48	25s31	4s42	23s51	0s30	1n26	2s40	13s21	0n16	23s39	0n 0	22s57	17s30	14n45	14n28	27s48			n.a.

Julian Day Number = 1311063.5, Delta T = 07h41m32s
Ecliptic obliquity = 23°49'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°35'03, Lahiri = -19°28'02 Julian Calendar 1 July 1124 BCE == Greg. Calendar 20 June 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

AUGUST 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 56 9	27♋ 8'00	10♒27	9♌36	11♊33	2♐21	18°R39	9♈38	5♏37	6°R57	12°R38	8°R49	8♉ 7	13♑28	n.a.	W 1
T 2	20 0 6	28° 6'21	22°29	11°18	12°34	2°39	18♐35	9°39	5°37	6♑55	12♓38	8♉36	8° 4	13°35	n.a.	T 2
F 3	20 4 3	29° 4'44	4♓38	12°58	13°37	2°57	18°31	9°R39	5°37	6°54	12°37	8°24	8° 1	13°41	n.a.	F 3
S 4	20 7 59	0♌ 3'10	16°56	14°37	14°39	3°15	18°27	9°38	5°38	6°52	12°36	8°16	7°57	13°48	n.a.	S 4
S 5	20 11 56	1° 1'37	29°24	16°14	15°42	3°35	18°23	9°38	5°38	6°51	12°35	8°10	7°54	13°55	n.a.	S 5
M 6	20 15 52	2° 0'07	12♈ 5	17°51	16°46	3°54	18°19	9°38	5°39	6°50	12°34	8° 7	7°51	14° 2	n.a.	M 6
T 7	20 19 49	2°58'39	25° 3	19°27	17°49	4°15	18°15	9°38	5°39	6°48	12°34	8° 5	7°48	14° 8	n.a.	T 7
W 8	20 23 45	3°57'14	8♉22	21° 1	18°53	4°35	18°12	9°37	5°40	6°47	12°33	8° 5	7°45	14°15	n.a.	W 8
T 9	20 27 42	4°55'51	22° 3	22°35	19°57	4°57	18° 9	9°36	5°41	6°45	12°32	8° 5	7°41	14°22	n.a.	T 9
F 10	20 31 38	5°54'30	6♊10	24° 7	21° 1	5°19	18° 6	9°36	5°42	6°44	12°31	8° 3	7°38	14°28	n.a.	F 10
S 11	20 35 35	6°53'12	20°41	25°38	22° 6	5°41	18° 3	9°35	5°42	6°43	12°30	7°59	7°35	14°35	n.a.	S 11
S 12	20 39 31	7°51'56	5♋34	27° 9	23°11	6° 4	18° 0	9°34	5°43	6°41	12°29	7°52	7°32	14°42	n.a.	S 12
M13	20 43 28	8°50'43	20°41	28°38	24°16	6°28	17°58	9°33	5°44	6°40	12°28	7°43	7°29	14°49	n.a.	M13
T 14	20 47 25	9°49'32	5♌54	0♍ 6	25°22	6°52	17°56	9°32	5°45	6°39	12°27	7°32	7°26	14°55	n.a.	T 14
W15	20 51 21	10°48'23	21° 1	1°33	26°27	7°16	17°54	9°30	5°46	6°37	12°26	7°20	7°22	15° 2	n.a.	W15
T 16	20 55 18	11°47'15	5♍52	2°59	27°33	7°41	17°52	9°29	5°47	6°36	12°25	7°10	7°19	15° 9	n.a.	T 16
F 17	20 59 14	12°46'10	20°19	4°24	28°39	8° 6	17°50	9°28	5°48	6°35	12°24	7° 2	7°16	15°15	n.a.	F 17
S 18	21 3 11	13°45'07	4♎18	5°48	29°46	8°32	17°49	9°26	5°49	6°34	12°24	6°56	7°13	15°22	n.a.	S 18
S 19	21 7 7	14°44'06	17°47	7°10	0♋52	8°58	17°47	9°24	5°51	6°32	12°23	6°53	7°10	15°29	n.a.	S 19
M20	21 11 4	15°43'06	0♏49	8°31	1°59	9°25	17°46	9°22	5°52	6°31	12°22	6°52	7° 7	15°36	n.a.	M20
T 21	21 15 0	16°42'09	13°26	9°52	3° 6	9°52	17°45	9°21	5°53	6°30	12°20	6°52	7° 3	15°42	n.a.	T 21
W22	21 18 57	17°41'13	25°44	11°10	4°13	10°19	17°45	9°18	5°54	6°29	12°19	6°52	7° 0	15°49	n.a.	W22
T 23	21 22 54	18°40'20	7♐48	12°28	5°21	10°47	17°44	9°16	5°56	6°28	12°18	6°50	6°57	15°56	n.a.	T 23
F 24	21 26 50	19°39'28	19°43	13°44	6°28	11°15	17°44	9°14	5°57	6°27	12°17	6°46	6°54	16° 2	n.a.	F 24
S 25	21 30 47	20°38'38	1♑35	14°58	7°36	11°44	17°D44	9°12	5°59	6°26	12°16	6°40	6°51	16° 9	n.a.	S 25
S 26	21 34 43	21°37'51	13°25	16°11	8°44	12°13	17°44	9° 9	6° 0	6°25	12°15	6°31	6°47	16°16	n.a.	S 26
M27	21 38 40	22°37'05	25°19	17°22	9°52	12°42	17°44	9° 7	6° 2	6°23	12°14	6°20	6°44	16°23	n.a.	M27
T 28	21 42 36	23°36'22	7♒17	18°32	11° 0	13°12	17°45	9° 4	6° 4	6°23	12°13	6° 7	6°41	16°29	n.a.	T 28
W29	21 46 33	24°35'40	19°23	19°39	12° 9	13°42	17°45	9° 2	6° 5	6°22	12°12	5°54	6°38	16°36	n.a.	W29
T 30	21 50 29	25°35'01	1♓36	20°45	13°18	14°12	17°46	8°59	6° 7	6°21	12°11	5°41	6°35	16°43	n.a.	T 30
F 31	21 54 26	26♌34'23	13♓58	21♍48	14♋26	14♐42	17♐47	8♈56	6♏ 9	6♑20	12♓10	5♉30	6♉32	16♑49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n 4	22s42	5s 0	19n14	1n 9	19n50	2s44	25s32	4s40	23s51	0s31	1n26	2s41	13s21	0n16	23s39	0n 0	22s57	17s30	14n40	14n26	27s47			n.a.
T 2	20 53	18 49	4 51	18 41	1 3	20 2	2 39	25 34	4 38	23 50	0 31	1 25	2 41	13 21	0 16	23 39	0 0	22 58	17 30	14 36	14 25	27 47			n.a.
F 3	20 41	14 8	4 30	18 7	0 57	20 14	2 35	25 36	4 36	23 50	0 31	1 25	2 41	13 22	0 16	23 39	0 0	22 59	17 31	14 32	14 24	27 47			n.a.
S 4	20 28	8 50	3 55	17 32	0 51	20 26	2 31	25 38	4 35	23 50	0 31	1 25	2 41	13 22	0 16	23 39	0 0	22 59	17 31	14 29	14 23	27 46			n.a.
S 5	20 15	3 8	3 9	16 56	0 45	20 37	2 27	25 40	4 33	23 50	0 31	1 25	2 42	13 22	0 16	23 39	0 0	23 0	17 31	14 27	14 22	27 46			n.a.
M 6	20 2	2n49	2 13	16 20	0 38	20 48	2 22	25 42	4 31	23 49	0 31	1 24	2 42	13 22	0 16	23 39	0 0	23 0	17 31	14 26	14 21	27 46			n.a.
T 7	19 49	8 48	1 8	15 44	0 32	20 58	2 18	25 45	4 29	23 49	0 31	1 24	2 42	13 22	0 16	23 39	0s 0	23 1	17 32	14 26	14 20	27 45			n.a.
W 8	19 35	14 33	0n 1	15 7	0 25	21 8	2 14	25 47	4 27	23 49	0 31	1 23	2 42	13 23	0 16	23 39	0 0	23 1	17 32	14 26	14 19	27 45			n.a.
T 9	19 21	19 45	1 13	14 30	0 18	21 18	2 9	25 49	4 25	23 49	0 31	1 23	2 43	13 23	0 16	23 39	0 0	23 2	17 32	14 26	14 18	27 44			n.a.
F 10	19 6	24 1	2 22	13 52	0 11	21 27	2 5	25 51	4 23	23 48	0 31	1 22	2 43	13 23	0 16	23 39	0 0	23 2	17 32	14 25	14 17	27 44			n.a.
S 11	18 51	26 54	3 24	13 14	0 3	21 35	2 0	25 53	4 22	23 48	0 31	1 22	2 43	13 23	0 16	23 39	0 0	23 3	17 32	14 24	14 16	27 44			n.a.
S 12	18 36	27 57	4 14	12 36	0s 4	21 43	1 56	25 56	4 20	23 48	0 31	1 21	2 44	13 24	0 16	23 40	0 0	23 3	17 33	14 22	14 15	27 43			n.a.
M13	18 20	26 56	4 47	11 58	0 12	21 51	1 52	25 58	4 18	23 48	0 31	1 20	2 44	13 24	0 16	23 40	0 0	23 4	17 33	14 19	14 14	27 43			n.a.
T 14	18 5	23 56	5 0	11 19	0 19	21 58	1 47	26 0	4 16	23 48	0 31	1 20	2 44	13 24	0 16	23 40	0 0	23 5	17 33	14 15	14 13	27 42			n.a.
W15	17 48	19 19	4 52	10 41	0 27	22 4	1 43	26 3	4 14	23 48	0 32	1 19	2 44	13 25	0 16	23 40	0 0	23 5	17 33	14 11	14 12	27 42			n.a.
T 16	17 32	13 35	4 24	10 2	0 35	22 10	1 38	26 5	4 12	23 47	0 32	1 18	2 45	13 25	0 16	23 40	0 0	23 6	17 33	14 8	14 11	27 41			n.a.
F 17	17 15	7 15	3 39	9 24	0 42	22 16	1 34	26 7	4 10	23 47	0 32	1 17	2 45	13 25	0 16	23 40	0 0	23 6	17 34	14 5	14 10	27 41			n.a.
S 18	16 58	0 45	2 43	8 46	0 50	22 21	1 29	26 10	4 8	23 47	0 32	1 16	2 45	13 26	0 16	23 40	0 0	23 7	17 34	14 3	14 9	27 40			n.a.
S 19	16 41	5s34	1 39	8 7	0 58	22 25	1 25	26 12	4 6	23 47	0 32	1 16	2 45	13 26	0 16	23 40	0 0	23 7	17 34	14 2	14 8	27 40			n.a.
M20	16 23	11 27	0 32	7 29	1 6	22 29	1 20	26 14	4 4	23 47	0 32	1 15	2 46	13 27	0 16	23 40	0 0	23 8	17 34	14 2	14 7	27 39			n.a.
T 21	16 5	16 41	0s35	6 52	1 14	22 32	1 16	26 16	4 2	23 47	0 32	1 14	2 46	13 27	0 16	23 40	0 0	23 8	17 34	14 2	14 5	27 39			n.a.
W22	15 47	21 6	1 38	6 14	1 22	22 34	1 11	26 19	4 0	23 47	0 32	1 13	2 46	13 28	0 16	23 40	0 0	23 9	17 34	14 2	14 4	27 38			n.a.
T 23	15 28	24 32	2 36	5 37	1 29	22 36	1 7	26 21	3 58	23 47	0 32	1 12	2 46	13 28	0 16	23 40	0 0	23 10	17 35	14 1	14 3	27 38			n.a.
F 24	15 10	26 51	3 26	5 0	1 37	22 38	1 3	26 23	3 56	23 47	0 32	1 10	2 46	13 29	0 16	23 40	0 0	23 10	17 35	14 0	14 2	27 37			n.a.
S 25	14 51	27 56	4 7	4 24	1 45	22 38	0 58	26 25	3 54	23 47	0 32	1 9	2 47	13 29	0 16	23 41	0 0	23 11	17 35	13 58	14 1	27 37			n.a.
S 26	14 31	27 44	4 37	3 49	1 52	22 38	0 54	26 27	3 52	23 47	0 32	1 8	2 47	13 30	0 16	23 41	0 0	23 11	17 35	13 55	14 0	27 36			n.a.
M27	14 12	26 15	4 55	3 14	2 0	22 38	0 50	26 29	3 50	23 47	0 32	1 7	2 47	13 30	0 16	23 41	0 0	23 12	17 35	13 51	13 59	27 36			n.a.
T 28	13 52	23 35	5 1	2 40	2 7	22 37	0 45	26 31	3 47	23 47	0 32	1 6	2 47	13 31	0 16	23 41	0 0	23 12	17 35	13 47	13 58	27 35			n.a.
W29	13 32	19 52	4 53	2 6	2 15	22 35	0 41	26 33	3 45	23 47	0 32	1 4	2 48	13 31	0 15	23 41	0 0	23 13	17 35	13 42	13 57	27 35			n.a.
T 30	13 12	15 17	4 31	1 34	2 22	22 33	0 37	26 34	3 43	23 48	0 32	1 3	2 48	13 32	0 15	23 41	0 0	23 13	17 35	13 38	13 56	27 34			n.a.
F 31	12n52	10s 2	3s57	1n 2	2s28	22n30	0s32	26s36	3s41	23s48	0s32	1n 2	2s48	13s33	0n15	23s41	0s 0	23s14	17s36	13n34	13n55	27s33			n.a.

Julian Day Number = 1311094.5, Delta T = 07h41m31s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'58, Lahiri = -19°27'58 Julian Calendar 1 Aug. 1124 BCE == Greg. Calendar 21 July 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

SEPTEMBER 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 22	27♌33'48	26♓29	22♍49	15♋36	15♐13	17♐49	8°R53	6♏11	6°R19	12°R 9	5°R22	6♉28	16♑56	n.a.	S 1
S 2	22 2 19	28°33'16	9♈10	23°47	16°45	15°44	17°50	8♈50	6°12	6♑18	12♓ 8	5♉16	6°25	17° 3	n.a.	S 2
M 3	22 6 16	29°32'45	22° 2	24°42	17°54	16°16	17°52	8°47	6°14	6°17	12° 6	5°13	6°22	17°10	n.a.	M 3
T 4	22 10 12	0♍32'17	5♉ 8	25°34	19° 4	16°48	17°54	8°43	6°16	6°16	12° 5	5°D12	6°19	17°16	n.a.	T 4
W 5	22 14 9	1°31'52	18°29	26°22	20°13	17°20	17°56	8°40	6°18	6°16	12° 4	5°13	6°16	17°23	n.a.	W 5
T 6	22 18 5	2°31'29	2♊ 7	27° 7	21°23	17°52	17°58	8°37	6°20	6°15	12° 3	5°R13	6°12	17°30	n.a.	T 6
F 7	22 22 2	3°31'09	16° 4	27°47	22°33	18°24	18° 0	8°33	6°23	6°14	12° 2	5°12	6° 9	17°36	n.a.	F 7
S 8	22 25 58	4°30'51	0♋19	28°23	23°43	18°57	18° 3	8°30	6°25	6°13	12° 1	5°10	6° 6	17°43	n.a.	S 8
S 9	22 29 55	5°30'35	14°52	28°54	24°54	19°30	18° 6	8°26	6°27	6°13	12° 0	5° 5	6° 3	17°50	n.a.	S 9
M10	22 33 51	6°30'22	29°38	29°19	26° 4	20° 4	18° 9	8°22	6°29	6°12	11°59	4°57	6° 0	17°57	n.a.	M10
T 11	22 37 48	7°30'12	14♌30	29°39	27°15	20°37	18°12	8°18	6°31	6°12	11°57	4°49	5°57	18° 3	n.a.	T 11
W12	22 41 45	8°30'03	29°20	29°51	28°26	21°11	18°15	8°14	6°34	6°11	11°56	4°39	5°53	18°10	n.a.	W12
T 13	22 45 41	9°29'57	13♍59	29°R57	29°36	21°45	18°19	8°10	6°36	6°10	11°55	4°31	5°50	18°17	n.a.	T 13
F 14	22 49 38	10°29'52	28°20	29°55	0♌47	22°19	18°23	8° 6	6°38	6°10	11°54	4°24	5°47	18°23	n.a.	F 14
S 15	22 53 34	11°29'50	12♎17	29°44	1°59	22°54	18°27	8° 2	6°41	6°10	11°53	4°20	5°44	18°30	n.a.	S 15
S 16	22 57 31	12°29'49	25°48	29°25	3°10	23°28	18°31	7°58	6°43	6° 9	11°52	4°17	5°41	18°37	n.a.	S 16
M17	23 1 27	13°29'50	8♏53	28°57	4°21	24° 3	18°35	7°54	6°46	6° 9	11°50	4°D17	5°38	18°44	n.a.	M17
T 18	23 5 24	14°29'53	21°34	28°20	5°33	24°38	18°40	7°50	6°48	6° 8	11°49	4°18	5°34	18°50	n.a.	T 18
W19	23 9 20	15°29'58	3♐55	27°34	6°44	25°14	18°44	7°45	6°51	6° 8	11°48	4°19	5°31	18°57	n.a.	W19
T 20	23 13 17	16°30'05	16° 2	26°39	7°56	25°49	18°49	7°41	6°54	6° 8	11°47	4°R20	5°28	19° 4	n.a.	T 20
F 21	23 17 13	17°30'14	27°59	25°37	9° 8	26°25	18°54	7°36	6°56	6° 7	11°46	4°19	5°25	19°10	n.a.	F 21
S 22	23 21 10	18°30'24	9♑51	24°28	10°20	27° 1	19° 0	7°32	6°59	6° 7	11°45	4°17	5°22	19°17	n.a.	S 22
S 23	23 25 7	19°30'36	21°43	23°14	11°32	27°37	19° 5	7°27	7° 2	6° 7	11°44	4°12	5°18	19°24	n.a.	S 23
M24	23 29 3	20°30'50	3♒38	21°56	12°44	28°13	19°11	7°23	7° 4	6° 7	11°42	4° 6	5°15	19°31	n.a.	M24
T 25	23 33 0	21°31'05	15°42	20°38	13°56	28°49	19°16	7°18	7° 7	6° 7	11°41	3°58	5°12	19°37	n.a.	T 25
W26	23 36 56	22°31'22	27°55	19°22	15° 8	29°26	19°22	7°13	7°10	6° 7	11°40	3°50	5° 9	19°44	n.a.	W26
T 27	23 40 53	23°31'41	10♓20	18°10	16°21	0♑ 2	19°28	7° 9	7°13	6° 7	11°39	3°42	5° 6	19°51	n.a.	T 27
F 28	23 44 49	24°32'01	22°57	17° 4	17°33	0°39	19°35	7° 4	7°16	6°D 7	11°38	3°36	5° 3	19°57	n.a.	F 28
S 29	23 48 46	25°32'24	5♈46	16° 7	18°46	1°16	19°41	6°59	7°19	6° 7	11°37	3°31	4°59	20° 4	n.a.	S 29
S 30	23 52 42	26♍32'48	18♈48	15♍19	19♌58	1♑53	19♐47	6♈54	7♏22	6♑ 7	11♓36	3♉28	4♉56	20♑11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n31	4s19	3s10	0n32	2s35	22n26	0s28	26s38	3s39	23s48	0s32	1n 0	2s48	13s33	0n15	23s41	0s 0	23s14	17s36	13n31	13n54	27s33		n.a.
S 2	12 10	1n39	2 14	0 3	2 41	22 22	0 24	26 39	3 37	23 48	0 32	0 59	2 48	13 34	0 15	23 41	0 0	23 15	17 36	13 29	13 53	27 32		n.a.
M 3	11 49	7 39	1 9	0s25	2 47	22 17	0 20	26 41	3 35	23 48	0 32	0 57	2 49	13 35	0 15	23 41	0 0	23 15	17 36	13 28	13 52	27 32		n.a.
T 4	11 28	13 26	0 0	0 51	2 53	22 11	0 16	26 42	3 33	23 48	0 32	0 56	2 49	13 35	0 15	23 41	0 0	23 16	17 36	13 28	13 51	27 31		n.a.
W 5	11 6	18 44	1n10	1 15	2 58	22 5	0 12	26 43	3 31	23 49	0 32	0 55	2 49	13 36	0 15	23 41	0 0	23 16	17 36	13 28	13 50	27 30		n.a.
T 6	10 45	23 11	2 18	1 37	3 3	21 58	0 8	26 44	3 29	23 49	0 32	0 53	2 49	13 37	0 15	23 41	0 0	23 17	17 36	13 28	13 48	27 30		n.a.
F 7	10 23	26 24	3 20	1 58	3 7	21 51	0 4	26 45	3 27	23 49	0 33	0 51	2 49	13 37	0 15	23 41	0 0	23 17	17 36	13 28	13 47	27 29		n.a.
S 8	10 1	28 0	4 10	2 15	3 11	21 43	0 0	26 46	3 25	23 49	0 33	0 50	2 50	13 38	0 15	23 41	0 0	23 18	17 36	13 27	13 46	27 28		n.a.
S 9	9 39	27 43	4 46	2 31	3 14	21 34	0n 4	26 47	3 23	23 50	0 33	0 48	2 50	13 39	0 15	23 41	0 0	23 18	17 36	13 26	13 45	27 28		n.a.
M10	9 16	25 29	5 3	2 43	3 16	21 24	0 8	26 48	3 21	23 50	0 33	0 47	2 50	13 40	0 15	23 41	0 0	23 19	17 36	13 23	13 44	27 27		n.a.
T 11	8 54	21 31	5 0	2 52	3 17	21 14	0 11	26 48	3 19	23 50	0 33	0 45	2 50	13 40	0 15	23 41	0 0	23 19	17 36	13 20	13 43	27 26		n.a.
W12	8 31	16 12	4 37	2 57	3 17	21 4	0 15	26 49	3 17	23 51	0 33	0 43	2 50	13 41	0 15	23 41	0 0	23 20	17 36	13 17	13 42	27 26		n.a.
T 13	8 8	10 1	3 56	2 58	3 16	20 52	0 19	26 49	3 15	23 51	0 33	0 41	2 50	13 42	0 15	23 42	0 0	23 20	17 36	13 14	13 41	27 25		n.a.
F 14	7 45	3 25	3 0	2 56	3 14	20 40	0 22	26 49	3 13	23 51	0 33	0 40	2 51	13 43	0 15	23 42	0 0	23 21	17 36	13 12	13 40	27 24		n.a.
S 15	7 22	3s10	1 55	2 48	3 11	20 28	0 26	26 49	3 11	23 52	0 33	0 38	2 51	13 44	0 15	23 42	0 1	23 21	17 36	13 10	13 39	27 24		n.a.
S 16	6 59	9 25	0 45	2 36	3 6	20 15	0 29	26 49	3 9	23 52	0 33	0 36	2 51	13 45	0 15	23 42	0 1	23 22	17 36	13 9	13 38	27 23		n.a.
M17	6 35	15 5	0s25	2 19	2 59	20 1	0 33	26 49	3 7	23 53	0 33	0 34	2 51	13 45	0 15	23 42	0 1	23 22	17 36	13 9	13 37	27 22		n.a.
T 18	6 12	19 55	1 32	1 56	2 51	19 46	0 36	26 48	3 5	23 53	0 33	0 33	2 51	13 46	0 15	23 42	0 1	23 23	17 36	13 10	13 36	27 22		n.a.
W19	5 48	23 47	2 33	1 28	2 40	19 31	0 39	26 48	3 3	23 53	0 33	0 31	2 51	13 47	0 15	23 42	0 1	23 23	17 36	13 10	13 35	27 21		n.a.
T 20	5 25	26 30	3 26	0 54	2 28	19 16	0 42	26 47	3 1	23 54	0 33	0 29	2 51	13 48	0 15	23 42	0 1	23 23	17 36	13 10	13 33	27 20		n.a.
F 21	5 1	27 58	4 9	0 16	2 14	19 0	0 46	26 46	2 59	23 54	0 33	0 27	2 51	13 49	0 15	23 42	0 1	23 24	17 36	13 10	13 32	27 19		n.a.
S 22	4 37	28 8	4 41	0n26	1 58	18 43	0 49	26 45	2 57	23 55	0 33	0 25	2 51	13 50	0 15	23 42	0 1	23 24	17 36	13 9	13 31	27 19		n.a.
S 23	4 13	27 0	5 1	1 12	1 40	18 26	0 52	26 44	2 55	23 55	0 33	0 23	2 52	13 51	0 15	23 42	0 1	23 25	17 36	13 8	13 30	27 18		n.a.
M24	3 49	24 38	5 8	2 0	1 21	18 8	0 54	26 43	2 54	23 56	0 33	0 21	2 52	13 52	0 15	23 42	0 1	23 25	17 36	13 5	13 29	27 17		n.a.
T 25	3 25	21 11	5 2	2 50	1 1	17 50	0 57	26 41	2 52	23 56	0 33	0 19	2 52	13 53	0 15	23 42	0 1	23 25	17 36	13 3	13 28	27 16		n.a.
W26	3 1	16 47	4 42	3 39	0 41	17 31	1 0	26 40	2 50	23 57	0 33	0 17	2 52	13 54	0 15	23 42	0 1	23 26	17 36	13 0	13 27	27 15		n.a.
T 27	2 37	11 38	4 8	4 27	0 20	17 11	1 3	26 38	2 48	23 57	0 33	0 15	2 52	13 55	0 15	23 42	0 1	23 26	17 36	12 57	13 26	27 15		n.a.
F 28	2 12	5 56	3 22	5 12	0n 0	16 52	1 5	26 36	2 46	23 58	0 33	0 13	2 52	13 56	0 15	23 42	0 1	23 27	17 36	12 55	13 25	27 14		n.a.
S 29	1 48	0n 7	2 25	5 52	0 20	16 31	1 8	26 34	2 44	23 58	0 33	0 12	2 52	13 57	0 15	23 42	0 1	23 27	17 35	12 53	13 24	27 13		n.a.
S 30	1n24	6n16	1s19	6n28	0n38	16n10	1n10	26s31	2s42	23s59	0s33	0n10	2s52	13s58	0n15	23s42	0s 1	23s27	17s35	12n52	13n23	27s12		n.a.

Julian Day Number = 1311125.5, Delta T = 07h41m29s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'54, Lahiri = -19°27'54 Julian Calendar 1 Sept. 1124 BCE == Greg. Calendar 21 Aug. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

OCTOBER 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 56 39	27♍33'14	2♉ 1	14°R43	21♌11	2♑30	19♐54	6°R50	7♏25	6♑ 7	11°R35	3°D27	4♉53	20♑18	n.a.	M 1
T 2	0 0 35	28°33'42	15°26	14♍17	22°24	3° 8	20° 1	6♈45	7°28	6° 7	11♓33	3♉28	4°50	20°24	n.a.	T 2
W 3	0 4 32	29°34'13	29° 2	14° 4	23°37	3°45	20° 8	6°40	7°31	6° 7	11°32	3°29	4°47	20°31	n.a.	W 3
T 4	0 8 29	0♎34'45	12♊49	14°D 2	24°50	4°23	20°15	6°35	7°34	6° 7	11°31	3°31	4°44	20°38	n.a.	T 4
F 5	0 12 25	1°35'19	26°46	14°12	26° 3	5° 0	20°23	6°30	7°37	6° 7	11°30	3°R32	4°40	20°45	n.a.	F 5
S 6	0 16 22	2°35'56	10♋54	14°31	27°17	5°38	20°30	6°25	7°40	6° 7	11°29	3°31	4°37	20°51	n.a.	S 6
S 7	0 20 18	3°36'34	25°11	15° 0	28°30	6°16	20°38	6°20	7°43	6° 8	11°28	3°30	4°34	20°58	n.a.	S 7
M 8	0 24 15	4°37'14	9♌33	15°38	29°43	6°54	20°46	6°15	7°46	6° 8	11°27	3°27	4°31	21° 5	n.a.	M 8
T 9	0 28 11	5°37'57	23°57	16°24	0♍57	7°32	20°54	6°10	7°50	6° 8	11°26	3°23	4°28	21°11	n.a.	T 9
W10	0 32 8	6°38'40	8♍19	17°16	2°10	8°11	21° 2	6° 5	7°53	6° 9	11°25	3°19	4°24	21°18	n.a.	W10
T 11	0 36 5	7°39'26	22°32	18°15	3°24	8°49	21°10	6° 0	7°56	6° 9	11°24	3°15	4°21	21°25	n.a.	T 11
F 12	0 40 1	8°40'13	6♎32	19°18	4°38	9°28	21°18	5°55	7°59	6°10	11°23	3°12	4°18	21°32	n.a.	F 12
S 13	0 43 58	9°41'01	20°14	20°27	5°51	10° 6	21°27	5°50	8° 3	6°10	11°22	3°10	4°15	21°38	n.a.	S 13
S 14	0 47 54	10°41'52	3♏37	21°39	7° 5	10°45	21°35	5°45	8° 6	6°11	11°21	3°D10	4°12	21°45	n.a.	S 14
M15	0 51 51	11°42'43	16°38	22°54	8°19	11°24	21°44	5°40	8° 9	6°11	11°20	3°10	4° 9	21°52	n.a.	M15
T 16	0 55 47	12°43'36	29°19	24°13	9°33	12° 3	21°53	5°35	8°13	6°12	11°19	3°11	4° 5	21°58	n.a.	T 16
W17	0 59 44	13°44'29	11♐43	25°34	10°47	12°42	22° 2	5°31	8°16	6°12	11°18	3°13	4° 2	22° 5	n.a.	W17
T 18	1 3 40	14°45'24	23°52	26°57	12° 1	13°21	22°11	5°26	8°20	6°13	11°17	3°15	3°59	22°12	n.a.	T 18
F 19	1 7 37	15°46'21	5♑51	28°22	13°15	14° 0	22°21	5°21	8°23	6°14	11°16	3°16	3°56	22°19	n.a.	F 19
S 20	1 11 34	16°47'18	17°44	29°48	14°29	14°39	22°30	5°16	8°27	6°14	11°15	3°R16	3°53	22°25	n.a.	S 20
S 21	1 15 30	17°48'16	29°36	1♎15	15°43	15°18	22°40	5°11	8°30	6°15	11°14	3°15	3°49	22°32	n.a.	S 21
M22	1 19 27	18°49'15	11♒33	2°44	16°57	15°58	22°50	5° 7	8°34	6°16	11°13	3°14	3°46	22°39	n.a.	M22
T 23	1 23 23	19°50'15	23°38	4°13	18°12	16°37	22°59	5° 2	8°37	6°17	11°13	3°13	3°43	22°46	n.a.	T 23
W24	1 27 20	20°51'15	5♓55	5°43	19°26	17°17	23° 9	4°57	8°41	6°18	11°12	3°11	3°40	22°52	n.a.	W24
T 25	1 31 16	21°52'17	18°27	7°13	20°40	17°56	23°19	4°53	8°44	6°19	11°11	3° 9	3°37	22°59	n.a.	T 25
F 26	1 35 13	22°53'19	1♈16	8°44	21°55	18°36	23°30	4°48	8°48	6°19	11°10	3° 7	3°34	23° 6	n.a.	F 26
S 27	1 39 9	23°54'23	14°22	10°16	23° 9	19°15	23°40	4°43	8°51	6°20	11° 9	3° 7	3°30	23°12	n.a.	S 27
S 28	1 43 6	24°55'27	27°46	11°48	24°24	19°55	23°50	4°39	8°55	6°21	11° 8	3°D 6	3°27	23°19	n.a.	S 28
M29	1 47 2	25°56'33	11♉26	13°20	25°38	20°35	24° 1	4°34	8°58	6°22	11° 8	3° 6	3°24	23°26	n.a.	M29
T 30	1 50 59	26°57'39	25°19	14°52	26°53	21°15	24°11	4°30	9° 2	6°23	11° 7	3° 6	3°21	23°33	n.a.	T 30
W31	1 54 56	27♎58'47	9♊21	16♎24	28♍ 7	21♑55	24♐22	4♈26	9♏ 6	6♑25	11♓ 6	3♉ 7	3♉18	23♑39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n59	12n15	0s 8	6n58	0n56	15n49	1n13	26s29	2s40	23s59	0s33	0n 8	2s52	13s59	0n15	23s42	0s 1	23s28	17s35	12n52	13n22	27s11			n.a.
T 2	0 35	17 46	1n 5	7 22	1 11	15 27	1 15	26 26	2 38	24 0	0 33	0 6	2 52	14 0	0 15	23 42	0 1	23 28	17 35	12 52	13 21	27 11			n.a.
W 3	0 10	22 28	2 15	7 40	1 25	15 5	1 17	26 23	2 37	24 1	0 33	0 4	2 52	14 1	0 15	23 42	0 1	23 28	17 35	12 53	13 19	27 10			n.a.
T 4	0s14	25 59	3 18	7 52	1 37	14 42	1 19	26 20	2 35	24 1	0 33	0 2	2 52	14 2	0 15	23 42	0 1	23 29	17 35	12 53	13 18	27 9			n.a.
F 5	0 39	27 58	4 11	7 58	1 47	14 19	1 21	26 17	2 33	24 2	0 33	0s 0	2 52	14 3	0 15	23 42	0 1	23 29	17 35	12 54	13 17	27 8			n.a.
S 6	1 3	28 10	4 49	7 58	1 56	13 55	1 23	26 13	2 31	24 2	0 33	0 2	2 52	14 4	0 15	23 42	0 1	23 29	17 35	12 54	13 16	27 7			n.a.
S 7	1 27	26 31	5 9	7 53	2 3	13 31	1 25	26 10	2 29	24 3	0 33	0 4	2 52	14 5	0 15	23 42	0 1	23 30	17 34	12 53	13 15	27 6			n.a.
M 8	1 52	23 8	5 11	7 43	2 9	13 7	1 27	26 6	2 27	24 3	0 33	0 6	2 52	14 6	0 15	23 42	0 1	23 30	17 34	12 52	13 14	27 5			n.a.
T 9	2 16	18 21	4 53	7 29	2 13	12 42	1 29	26 2	2 26	24 4	0 33	0 8	2 52	14 7	0 15	23 42	0 1	23 30	17 34	12 51	13 13	27 4			n.a.
W10	2 41	12 32	4 17	7 11	2 16	12 16	1 30	25 58	2 24	24 5	0 33	0 10	2 52	14 8	0 15	23 42	0 1	23 30	17 34	12 49	13 12	27 4			n.a.
T 11	3 5	6 8	3 25	6 49	2 17	11 51	1 32	25 54	2 22	24 5	0 33	0 12	2 52	14 9	0 15	23 42	0 1	23 31	17 34	12 48	13 11	27 3			n.a.
F 12	3 30	0s29	2 21	6 24	2 18	11 25	1 33	25 49	2 20	24 6	0 33	0 14	2 52	14 10	0 15	23 42	0 1	23 31	17 34	12 47	13 10	27 2			n.a.
S 13	3 54	6 57	1 10	5 57	2 18	10 59	1 35	25 44	2 18	24 6	0 33	0 16	2 52	14 11	0 15	23 42	0 1	23 31	17 33	12 46	13 9	27 1			n.a.
S 14	4 18	12 58	0s 2	5 27	2 16	10 32	1 36	25 40	2 17	24 7	0 33	0 18	2 52	14 12	0 15	23 42	0 1	23 31	17 33	12 46	13 8	27 0			n.a.
M15	4 42	18 15	1 14	4 55	2 14	10 5	1 37	25 34	2 15	24 7	0 33	0 20	2 52	14 14	0 15	23 42	0 1	23 32	17 33	12 46	13 6	26 59			n.a.
T 16	5 6	22 36	2 19	4 21	2 12	9 38	1 38	25 29	2 13	24 8	0 33	0 22	2 52	14 15	0 15	23 42	0 1	23 32	17 33	12 47	13 5	26 58			n.a.
W17	5 30	25 48	3 17	3 45	2 9	9 10	1 39	25 24	2 12	24 9	0 34	0 24	2 52	14 16	0 15	23 42	0 1	23 32	17 33	12 47	13 4	26 57			n.a.
T 18	5 54	27 45	4 4	3 8	2 5	8 42	1 40	25 18	2 10	24 9	0 34	0 26	2 52	14 17	0 15	23 42	0 1	23 32	17 32	12 48	13 3	26 56			n.a.
F 19	6 18	28 22	4 40	2 30	2 1	8 14	1 41	25 12	2 8	24 10	0 34	0 28	2 52	14 18	0 15	23 42	0 1	23 32	17 32	12 48	13 2	26 55			n.a.
S 20	6 42	27 40	5 4	1 51	1 56	7 46	1 42	25 6	2 6	24 10	0 34	0 29	2 51	14 19	0 15	23 42	0 1	23 32	17 32	12 48	13 1	26 54			n.a.
S 21	7 6	25 42	5 15	1 12	1 51	7 18	1 43	25 0	2 5	24 11	0 34	0 31	2 51	14 20	0 15	23 42	0 1	23 33	17 32	12 48	13 0	26 53			n.a.
M22	7 29	22 36	5 12	0 31	1 46	6 49	1 43	24 54	2 3	24 12	0 34	0 33	2 51	14 21	0 15	23 42	0 1	23 33	17 32	12 48	12 59	26 52			n.a.
T 23	7 53	18 30	4 56	0s10	1 41	6 20	1 44	24 47	2 1	24 12	0 34	0 35	2 51	14 23	0 15	23 42	0 1	23 33	17 31	12 47	12 58	26 51			n.a.
W24	8 16	13 36	4 26	0 52	1 35	5 51	1 44	24 40	2 0	24 13	0 34	0 37	2 51	14 24	0 14	23 42	0 1	23 33	17 31	12 46	12 57	26 50			n.a.
T 25	8 39	8 3	3 43	1 33	1 29	5 21	1 45	24 33	1 58	24 13	0 34	0 38	2 51	14 25	0 14	23 42	0 1	23 33	17 31	12 46	12 55	26 49			n.a.
F 26	9 2	2 2	2 47	2 15	1 23	4 52	1 45	24 26	1 56	24 14	0 34	0 40	2 51	14 26	0 14	23 42	0 1	23 33	17 31	12 45	12 54	26 48			n.a.
S 27	9 25	4n12	1 42	2 58	1 16	4 22	1 45	24 19	1 55	24 14	0 34	0 42	2 51	14 27	0 14	23 42	0 1	23 33	17 30	12 45	12 53	26 47			n.a.
S 28	9 48	10 24	0 29	3 40	1 10	3 52	1 45	24 11	1 53	24 15	0 34	0 43	2 50	14 28	0 14	23 42	0 1	23 33	17 30	12 45	12 52	26 46			n.a.
M29	10 11	16 14	0n46	4 22	1 3	3 22	1 45	24 4	1 51	24 15	0 34	0 45	2 50	14 30	0 14	23 42	0 1	23 33	17 30	12 45	12 51	26 45			n.a.
T 30	10 33	21 21	2 0	5 5	0 57	2 52	1 45	23 56	1 50	24 16	0 34	0 47	2 50	14 31	0 14	23 41	0 1	23 33	17 30	12 45	12 50	26 44			n.a.
W31	10s56	25n18	3n 8	5s47	0n50	2n22	1n45	23s48	1s48	24s16	0s34	0s48	2s50	14s32	0n14	23s41	0s 1	23s34	17s29	12n45	12n49	26s43			n.a.

Julian Day Number = 1311155.5, Delta T = 07h41m28s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'50, Lahiri = -19°27'50 Julian Calendar 1 Oct. 1124 BCE == Greg. Calendar 20 Sept. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

NOVEMBER 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 52	28♎59'55	23♊31	17♎57	29♍22	22♑35	24♐33	4°R21	9♏ 9	6♑26	11°R 5	3♉ 7	3♉15	23♑46	n.a.	T 1
F 2	2 2 49	0♏ 1'05	7♋44	19°30	0♎37	23°15	24°44	4♈17	9°13	6°27	11♓ 5	3° 8	3°11	23°53	n.a.	F 2
S 3	2 6 45	1° 2'16	21°57	21° 3	1°51	23°55	24°55	4°13	9°16	6°28	11° 4	3° 8	3° 8	23°59	n.a.	S 3
S 4	2 10 42	2° 3'28	6♌ 9	22°36	3° 6	24°35	25° 6	4° 9	9°20	6°29	11° 3	3°R 8	3° 5	24° 6	n.a.	S 4
M 5	2 14 38	3° 4'41	20°16	24° 9	4°21	25°15	25°17	4° 5	9°24	6°30	11° 3	3°D 8	3° 2	24°13	n.a.	M 5
T 6	2 18 35	4° 5'55	4♍17	25°42	5°36	25°55	25°29	4° 1	9°27	6°32	11° 2	3° 8	2°59	24°20	n.a.	T 6
W 7	2 22 32	5° 7'09	18°10	27°15	6°50	26°35	25°40	3°57	9°31	6°33	11° 1	3° 8	2°55	24°26	n.a.	W 7
T 8	2 26 28	6° 8'25	1♎54	28°49	8° 5	27°16	25°52	3°53	9°35	6°34	11° 1	3° 8	2°52	24°33	n.a.	T 8
F 9	2 30 25	7° 9'41	15°25	0♏23	9°20	27°56	26° 3	3°50	9°38	6°36	11° 0	3° 9	2°49	24°40	n.a.	F 9
S 10	2 34 21	8°10'57	28°44	1°56	10°35	28°36	26°15	3°46	9°42	6°37	11° 0	3°R 9	2°46	24°47	n.a.	S 10
S 11	2 38 18	9°12'15	11♏48	3°30	11°50	29°17	26°27	3°42	9°46	6°38	10°59	3° 9	2°43	24°53	n.a.	S 11
M12	2 42 14	10°13'32	24°37	5° 4	13° 5	29°57	26°39	3°39	9°49	6°40	10°59	3° 8	2°40	25° 0	n.a.	M12
T 13	2 46 11	11°14'50	7♐11	6°38	14°20	0♒38	26°51	3°36	9°53	6°41	10°58	3° 8	2°36	25° 7	n.a.	T 13
W14	2 50 7	12°16'09	19°31	8°12	15°35	1°18	27° 3	3°32	9°57	6°43	10°58	3° 6	2°33	25°13	n.a.	W14
T 15	2 54 4	13°17'27	1♑39	9°47	16°50	1°59	27°15	3°29	10° 0	6°44	10°57	3° 5	2°30	25°20	n.a.	T 15
F 16	2 58 1	14°18'46	13°38	11°22	18° 5	2°39	27°27	3°26	10° 4	6°46	10°57	3° 3	2°27	25°27	n.a.	F 16
S 17	3 1 57	15°20'04	25°32	12°56	19°20	3°20	27°40	3°23	10° 8	6°47	10°56	3° 2	2°24	25°34	n.a.	S 17
S 18	3 5 54	16°21'23	7♒24	14°32	20°35	4° 0	27°52	3°20	10°11	6°49	10°56	3° 1	2°21	25°40	n.a.	S 18
M19	3 9 50	17°22'41	19°19	16° 7	21°50	4°41	28° 5	3°17	10°15	6°51	10°56	3°D 1	2°17	25°47	n.a.	M19
T 20	3 13 47	18°23'59	1♓21	17°43	23° 5	5°22	28°17	3°14	10°18	6°52	10°55	3° 1	2°14	25°54	n.a.	T 20
W21	3 17 43	19°25'17	13°36	19°18	24°20	6° 2	28°30	3°12	10°22	6°54	10°55	3° 3	2°11	26° 0	n.a.	W21
T 22	3 21 40	20°26'34	26° 9	20°55	25°35	6°43	28°42	3° 9	10°26	6°56	10°55	3° 4	2° 8	26° 7	n.a.	T 22
F 23	3 25 37	21°27'52	9♈ 1	22°31	26°50	7°24	28°55	3° 7	10°29	6°57	10°54	3° 5	2° 5	26°14	n.a.	F 23
S 24	3 29 33	22°29'09	22°16	24° 8	28° 5	8° 4	29° 8	3° 4	10°33	6°59	10°54	3° 7	2° 1	26°21	n.a.	S 24
S 25	3 33 30	23°30'26	5♉55	25°45	29°20	8°45	29°21	3° 2	10°37	7° 1	10°54	3°R 7	1°58	26°27	n.a.	S 25
M26	3 37 26	24°31'42	19°56	27°23	0♏35	9°26	29°34	3° 0	10°40	7° 3	10°53	3° 6	1°55	26°34	n.a.	M26
T 27	3 41 23	25°32'59	4♊16	29° 0	1°50	10° 7	29°47	2°58	10°44	7° 4	10°53	3° 4	1°52	26°41	n.a.	T 27
W28	3 45 19	26°34'15	18°49	0♐38	3° 5	10°47	29°59	2°56	10°47	7° 6	10°53	3° 1	1°49	26°48	n.a.	W28
T 29	3 49 16	27°35'31	3♋29	2°17	4°20	11°28	0♑13	2°54	10°51	7° 8	10°53	2°58	1°46	26°54	n.a.	T 29
F 30	3 53 12	28♏36'47	18♋ 9	3♐56	5♏35	12♒ 9	0♑26	2♈53	10♏54	7♑10	10♓53	2♉54	1♉42	27♑ 1	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s18	27n44	4n 4	6s29	0n43	1n51	1n45	23s39	1s47	24s17	0s34	0s50	2s50	14s33	0n14	23s41	0s 1	23s34	17s29	12n45	12n48	26s42		n.a.
F 2	11 40	28 22	4 47	7 11	0 37	1 21	1 44	23 31	1 45	24 17	0 34	0 51	2 50	14 34	0 14	23 41	0 1	23 34	17 29	12 45	12 47	26 41		n.a.
S 3	12 1	27 7	5 11	7 53	0 30	0 50	1 44	23 22	1 44	24 18	0 34	0 53	2 49	14 36	0 14	23 41	0 1	23 34	17 28	12 45	12 46	26 40		n.a.
S 4	12 23	24 8	5 17	8 35	0 23	0 20	1 44	23 14	1 42	24 18	0 34	0 54	2 49	14 37	0 14	23 41	0 1	23 34	17 28	12 45	12 44	26 38		n.a.
M 5	12 44	19 44	5 3	9 16	0 16	0s11	1 43	23 5	1 40	24 19	0 34	0 56	2 49	14 38	0 14	23 41	0 1	23 34	17 28	12 45	12 43	26 37		n.a.
T 6	13 5	14 18	4 31	9 57	0 10	0 42	1 43	22 56	1 39	24 19	0 34	0 57	2 49	14 39	0 14	23 41	0 1	23 34	17 27	12 46	12 42	26 36		n.a.
W 7	13 26	8 11	3 44	10 37	0 3	1 12	1 42	22 46	1 37	24 20	0 34	0 59	2 49	14 40	0 14	23 41	0 1	23 34	17 27	12 46	12 41	26 35		n.a.
T 8	13 47	1 45	2 45	11 17	0s 4	1 43	1 41	22 37	1 36	24 20	0 34	1 0	2 48	14 41	0 14	23 41	0 1	23 33	17 27	12 46	12 40	26 34		n.a.
F 9	14 8	4s41	1 37	11 57	0 10	2 14	1 40	22 27	1 34	24 20	0 34	1 1	2 48	14 43	0 14	23 41	0 1	23 33	17 27	12 46	12 39	26 33		n.a.
S 10	14 28	10 49	0 24	12 36	0 17	2 44	1 39	22 17	1 33	24 21	0 34	1 3	2 48	14 44	0 14	23 41	0 1	23 33	17 26	12 46	12 38	26 32		n.a.
S 11	14 48	16 23	0s48	13 15	0 23	3 15	1 38	22 7	1 31	24 21	0 34	1 4	2 48	14 45	0 14	23 41	0 1	23 33	17 26	12 46	12 37	26 31		n.a.
M12	15 7	21 6	1 56	13 53	0 30	3 45	1 37	21 57	1 30	24 22	0 34	1 5	2 48	14 46	0 14	23 41	0 1	23 33	17 26	12 46	12 36	26 29		n.a.
T 13	15 27	24 47	2 58	14 31	0 36	4 16	1 36	21 47	1 28	24 22	0 34	1 6	2 47	14 47	0 14	23 41	0 1	23 33	17 25	12 45	12 35	26 28		n.a.
W14	15 46	27 13	3 49	15 8	0 42	4 46	1 35	21 37	1 27	24 22	0 34	1 7	2 47	14 49	0 14	23 41	0 1	23 33	17 25	12 45	12 33	26 27		n.a.
T 15	16 5	28 19	4 30	15 45	0 48	5 17	1 34	21 26	1 26	24 23	0 34	1 8	2 47	14 50	0 14	23 41	0 1	23 33	17 25	12 44	12 32	26 26		n.a.
F 16	16 24	28 4	4 58	16 20	0 54	5 47	1 33	21 15	1 24	24 23	0 34	1 9	2 47	14 51	0 14	23 41	0 1	23 33	17 24	12 44	12 31	26 25		n.a.
S 17	16 42	26 31	5 13	16 55	1 0	6 17	1 31	21 4	1 23	24 23	0 35	1 10	2 46	14 52	0 14	23 40	0 1	23 33	17 24	12 43	12 30	26 24		n.a.
S 18	17 0	23 47	5 15	17 30	1 5	6 47	1 30	20 53	1 21	24 23	0 35	1 11	2 46	14 53	0 14	23 40	0 1	23 32	17 24	12 43	12 29	26 22		n.a.
M19	17 18	20 4	5 3	18 3	1 11	7 17	1 28	20 42	1 20	24 24	0 35	1 12	2 46	14 54	0 14	23 40	0 1	23 32	17 23	12 43	12 28	26 21		n.a.
T 20	17 35	15 29	4 38	18 36	1 16	7 46	1 27	20 30	1 18	24 24	0 35	1 13	2 46	14 56	0 14	23 40	0 1	23 32	17 23	12 43	12 27	26 20		n.a.
W21	17 52	10 14	4 0	19 8	1 21	8 16	1 25	20 19	1 17	24 24	0 35	1 14	2 45	14 57	0 14	23 40	0 1	23 32	17 23	12 44	12 26	26 19		n.a.
T 22	18 9	4 27	3 10	19 39	1 26	8 45	1 24	20 7	1 16	24 24	0 35	1 15	2 45	14 58	0 14	23 40	0 1	23 32	17 22	12 44	12 25	26 17		n.a.
F 23	18 25	1n40	2 9	20 9	1 31	9 14	1 22	19 55	1 14	24 24	0 35	1 15	2 45	14 59	0 14	23 40	0 1	23 32	17 22	12 45	12 23	26 16		n.a.
S 24	18 42	7 53	0 59	20 39	1 35	9 43	1 20	19 43	1 13	24 25	0 35	1 16	2 45	15 0	0 14	23 40	0 1	23 31	17 21	12 45	12 22	26 15		n.a.
S 25	18 57	13 57	0n15	21 7	1 39	10 12	1 18	19 31	1 12	24 25	0 35	1 17	2 44	15 1	0 14	23 40	0 1	23 31	17 21	12 45	12 21	26 14		n.a.
M26	19 13	19 29	1 31	21 34	1 43	10 40	1 16	19 19	1 10	24 25	0 35	1 17	2 44	15 3	0 14	23 40	0 1	23 31	17 21	12 45	12 20	26 12		n.a.
T 27	19 28	24 1	2 43	22 0	1 47	11 8	1 15	19 6	1 9	24 25	0 35	1 18	2 44	15 4	0 14	23 40	0 1	23 31	17 20	12 44	12 19	26 11		n.a.
W28	19 42	27 5	3 45	22 25	1 50	11 36	1 13	18 54	1 8	24 25	0 35	1 18	2 43	15 5	0 14	23 40	0 1	23 30	17 20	12 43	12 18	26 10		n.a.
T 29	19 57	28 20	4 33	22 48	1 53	12 4	1 11	18 41	1 6	24 25	0 35	1 19	2 43	15 6	0 14	23 40	0 1	23 30	17 20	12 42	12 17	26 9		n.a.
F 30	20s11	27n35	5n 3	23s10	1s56	12s31	1n 9	18s28	1s 5	24s25	0s35	1s19	2s43	15s 7	0n14	23s39	0s 1	23s30	17s19	12n41	12n16	26s 7		n.a.

Julian Day Number = 1311186.5, Delta T = 07h41m26s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'46, Lahiri = -19°27'45 Julian Calendar 1 Nov. 1124 BCE == Greg. Calendar 21 Oct. 1124 BCE

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ASTRODIENST EPHEMERIS for the year 1124 BCE
geocentric

DECEMBER 1124 BCE (-1123) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 9	29♏38'03	2♌42	5♐35	6♏50	12♒50	0♑40	2°R51	10♏58	7♑12	10°R53	2°R51	1♉39	27♑ 8	n.a.	S 1
S 2	4 1 6	0♐39'19	17° 4	7°15	8° 5	13°30	0°53	2♈49	11° 1	7°14	10♓53	2♉49	1°36	27°14	n.a.	S 2
M 3	4 5 2	1°40'34	1♍10	8°54	9°20	14°11	1° 6	2°48	11° 5	7°16	10°53	2°D48	1°33	27°21	n.a.	M 3
T 4	4 8 59	2°41'50	15° 2	10°35	10°36	14°52	1°20	2°47	11° 8	7°18	10°53	2°49	1°30	27°28	n.a.	T 4
W 5	4 12 55	3°43'05	28°37	12°15	11°51	15°33	1°33	2°46	11°12	7°19	10°D53	2°50	1°27	27°35	n.a.	W 5
T 6	4 16 52	4°44'20	11♎57	13°55	13° 6	16°14	1°47	2°45	11°15	7°21	10°53	2°52	1°23	27°41	n.a.	T 6
F 7	4 20 48	5°45'34	25° 3	15°36	14°21	16°54	2° 0	2°44	11°19	7°23	10°53	2°53	1°20	27°48	n.a.	F 7
S 8	4 24 45	6°46'48	7♏57	17°17	15°36	17°35	2°14	2°43	11°22	7°25	10°53	2°R53	1°17	27°55	n.a.	S 8
S 9	4 28 42	7°48'02	20°39	18°58	16°51	18°16	2°28	2°42	11°25	7°27	10°53	2°52	1°14	28° 2	n.a.	S 9
M10	4 32 38	8°49'15	3♐10	20°38	18° 6	18°57	2°41	2°42	11°29	7°30	10°53	2°48	1°11	28° 8	n.a.	M10
T 11	4 36 35	9°50'27	15°32	22°19	19°21	19°38	2°55	2°41	11°32	7°32	10°53	2°43	1° 7	28°15	n.a.	T 11
W12	4 40 31	10°51'39	27°44	23°59	20°36	20°18	3° 9	2°41	11°35	7°34	10°53	2°36	1° 4	28°22	n.a.	W12
T 13	4 44 28	11°52'50	9♑47	25°38	21°51	20°59	3°23	2°41	11°39	7°36	10°53	2°28	1° 1	28°28	n.a.	T 13
F 14	4 48 24	12°53'59	21°44	27°16	23° 7	21°40	3°37	2°40	11°42	7°38	10°53	2°20	0°58	28°35	n.a.	F 14
S 15	4 52 21	13°55'08	3♒37	28°53	24°22	22°21	3°50	2°D40	11°45	7°40	10°54	2°13	0°55	28°42	n.a.	S 15
S 16	4 56 18	14°56'15	15°28	0♑29	25°37	23° 2	4° 4	2°41	11°49	7°42	10°54	2° 7	0°52	28°49	n.a.	S 16
M17	5 0 14	15°57'21	27°21	2° 3	26°52	23°43	4°18	2°41	11°52	7°44	10°54	2° 3	0°48	28°55	n.a.	M17
T 18	5 4 11	16°58'26	9♓20	3°35	28° 7	24°23	4°32	2°41	11°55	7°46	10°54	2° 1	0°45	29° 2	n.a.	T 18
W19	5 8 7	17°59'29	21°31	5° 4	29°22	25° 4	4°46	2°42	11°58	7°49	10°55	2°D 1	0°42	29° 9	n.a.	W19
T 20	5 12 4	19° 0'31	3♈57	6°30	0♐37	25°45	5° 0	2°42	12° 1	7°51	10°55	2° 2	0°39	29°16	n.a.	T 20
F 21	5 16 0	20° 1'32	16°45	7°52	1°52	26°26	5°15	2°43	12° 4	7°53	10°55	2° 3	0°36	29°22	n.a.	F 21
S 22	5 19 57	21° 2'31	29°58	9° 9	3° 7	27° 7	5°29	2°44	12° 7	7°55	10°56	2°R 4	0°33	29°29	n.a.	S 22
S 23	5 23 53	22° 3'29	13♉39	10°21	4°22	27°47	5°43	2°45	12°10	7°57	10°56	2° 3	0°29	29°36	n.a.	S 23
M24	5 27 50	23° 4'26	27°47	11°27	5°37	28°28	5°57	2°46	12°13	8° 0	10°56	2° 1	0°26	29°42	n.a.	M24
T 25	5 31 47	24° 5'21	12♊22	12°26	6°52	29° 9	6°11	2°47	12°16	8° 2	10°57	1°56	0°23	29°49	n.a.	T 25
W26	5 35 43	25° 6'15	27°16	13°18	8° 7	29°50	6°25	2°48	12°19	8° 4	10°57	1°48	0°20	29°56	n.a.	W26
T 27	5 39 40	26° 7'08	12♋22	14° 1	9°22	0♓30	6°40	2°49	12°22	8° 6	10°58	1°40	0°17	0♒ 3	n.a.	T 27
F 28	5 43 36	27° 7'59	27°30	14°36	10°37	1°11	6°54	2°51	12°25	8° 8	10°58	1°31	0°13	0° 9	n.a.	F 28
S 29	5 47 33	28° 8'49	12♌28	15° 0	11°52	1°52	7° 8	2°52	12°28	8°11	10°59	1°23	0°10	0°16	n.a.	S 29
S 30	5 51 29	29° 9'38	27°10	15°14	13° 7	2°33	7°22	2°54	12°31	8°13	10°59	1°17	0° 7	0°23	n.a.	S 30
M31	5 55 26	0♑10'25	11♍29	15°R17	14♐21	3♓13	7♑37	2♈56	12♏33	8♑15	11♓ 0	1♉13	0♉ 4	0♒30	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s24	24n57	5n13	23s31	1s58	12s58	1n 7	18s15	1s 4	24s25	0s35	1s20	2s43	15s 8	0n14	23s39	0s 1	23s29	17s19	12n40	12n14	26s 6		n.a.
S 2	20 37	20 47	5 4	23 51	2 0	13 25	1 4	18 2	1 2	24 25	0 35	1 20	2 42	15 9	0 14	23 39	0 1	23 29	17 19	12 39	12 13	26 5		n.a.
M 3	20 50	15 31	4 36	24 9	2 2	13 51	1 2	17 49	1 1	24 25	0 35	1 20	2 42	15 10	0 14	23 39	0 1	23 29	17 18	12 39	12 12	26 3		n.a.
T 4	21 2	9 33	3 52	24 26	2 3	14 18	1 0	17 36	1 0	24 25	0 35	1 21	2 42	15 11	0 14	23 39	0 1	23 29	17 18	12 39	12 11	26 2		n.a.
W 5	21 14	3 15	2 56	24 41	2 4	14 43	0 58	17 22	0 59	24 25	0 35	1 21	2 41	15 13	0 14	23 39	0 2	23 28	17 17	12 39	12 10	26 1		n.a.
T 6	21 26	3s 5	1 52	24 54	2 4	15 8	0 56	17 9	0 57	24 25	0 35	1 21	2 41	15 14	0 14	23 39	0 2	23 28	17 17	12 40	12 9	25 59		n.a.
F 7	21 37	9 11	0 43	25 6	2 4	15 33	0 53	16 55	0 56	24 24	0 36	1 21	2 41	15 15	0 14	23 39	0 2	23 28	17 17	12 40	12 8	25 58		n.a.
S 8	21 48	14 49	0s28	25 15	2 3	15 58	0 51	16 41	0 55	24 24	0 36	1 21	2 40	15 16	0 14	23 39	0 2	23 27	17 16	12 40	12 7	25 57		n.a.
S 9	21 58	19 44	1 35	25 24	2 2	16 22	0 49	16 27	0 54	24 24	0 36	1 21	2 40	15 17	0 14	23 39	0 2	23 27	17 16	12 40	12 6	25 55		n.a.
M10	22 8	23 42	2 37	25 30	2 0	16 46	0 46	16 13	0 52	24 24	0 36	1 21	2 40	15 18	0 14	23 38	0 2	23 26	17 16	12 39	12 4	25 54		n.a.
T 11	22 17	26 31	3 31	25 34	1 58	17 9	0 44	15 59	0 51	24 24	0 36	1 21	2 40	15 19	0 14	23 38	0 2	23 26	17 15	12 37	12 3	25 53		n.a.
W12	22 26	28 3	4 14	25 36	1 55	17 32	0 42	15 45	0 50	24 23	0 36	1 21	2 39	15 20	0 14	23 38	0 2	23 26	17 15	12 34	12 2	25 51		n.a.
T 13	22 35	28 12	4 45	25 36	1 51	17 54	0 39	15 30	0 49	24 23	0 36	1 21	2 39	15 21	0 14	23 38	0 2	23 25	17 14	12 32	12 1	25 50		n.a.
F 14	22 43	27 2	5 3	25 35	1 47	18 16	0 37	15 16	0 48	24 23	0 36	1 20	2 39	15 22	0 14	23 38	0 2	23 25	17 14	12 29	12 0	25 48		n.a.
S 15	22 51	24 39	5 9	25 31	1 41	18 37	0 34	15 1	0 47	24 22	0 36	1 20	2 38	15 23	0 14	23 38	0 2	23 24	17 14	12 26	11 59	25 47		n.a.
S 16	22 58	21 14	5 0	25 25	1 35	18 58	0 32	14 47	0 45	24 22	0 36	1 20	2 38	15 24	0 14	23 38	0 2	23 24	17 13	12 24	11 58	25 46		n.a.
M17	23 5	16 57	4 39	25 17	1 28	19 18	0 29	14 32	0 44	24 22	0 36	1 19	2 38	15 25	0 14	23 38	0 2	23 24	17 13	12 23	11 57	25 44		n.a.
T 18	23 11	11 59	4 6	25 7	1 21	19 38	0 27	14 17	0 43	24 21	0 36	1 19	2 37	15 26	0 14	23 38	0 2	23 23	17 13	12 22	11 55	25 43		n.a.
W19	23 17	6 29	3 21	24 56	1 12	19 57	0 24	14 2	0 42	24 21	0 36	1 18	2 37	15 27	0 14	23 37	0 2	23 23	17 12	12 22	11 54	25 41		n.a.
T 20	23 22	0 38	2 26	24 42	1 2	20 16	0 22	13 47	0 41	24 20	0 36	1 18	2 37	15 28	0 14	23 37	0 2	23 22	17 12	12 22	11 53	25 40		n.a.
F 21	23 27	5n26	1 22	24 27	0 52	20 34	0 19	13 32	0 40	24 20	0 36	1 17	2 36	15 29	0 14	23 37	0 2	23 22	17 12	12 23	11 52	25 38		n.a.
S 22	23 31	11 28	0 11	24 10	0 40	20 51	0 17	13 17	0 39	24 19	0 37	1 17	2 36	15 30	0 14	23 37	0 2	23 21	17 11	12 23	11 51	25 37		n.a.
S 23	23 35	17 10	1n 2	23 52	0 27	21 8	0 14	13 1	0 38	24 19	0 37	1 16	2 36	15 31	0 14	23 37	0 2	23 21	17 11	12 23	11 50	25 35		n.a.
M24	23 39	22 9	2 14	23 33	0 14	21 24	0 12	12 46	0 36	24 18	0 37	1 15	2 35	15 32	0 14	23 37	0 2	23 20	17 10	12 22	11 49	25 34		n.a.
T 25	23 42	25 56	3 19	23 14	0n 1	21 40	0 9	12 31	0 35	24 18	0 37	1 15	2 35	15 33	0 14	23 37	0 2	23 20	17 10	12 20	11 47	25 32		n.a.
W26	23 44	28 0	4 12	22 53	0 16	21 55	0 7	12 15	0 34	24 17	0 37	1 14	2 35	15 34	0 14	23 37	0 2	23 19	17 10	12 18	11 46	25 31		n.a.
T 27	23 46	28 1	4 48	22 33	0 32	22 9	0 4	11 59	0 33	24 16	0 37	1 13	2 34	15 35	0 14	23 36	0 2	23 19	17 9	12 15	11 45	25 29		n.a.
F 28	23 48	25 58	5 4	22 12	0 49	22 23	0 2	11 44	0 32	24 16	0 37	1 12	2 34	15 35	0 14	23 36	0 2	23 18	17 9	12 12	11 44	25 28		n.a.
S 29	23 49	22 7	4 59	21 52	1 7	22 36	0s 1	11 28	0 31	24 15	0 37	1 11	2 34	15 36	0 14	23 36	0 2	23 18	17 9	12 9	11 43	25 26		n.a.
S 30	23 50	16 57	4 35	21 33	1 24	22 48	0 3	11 12	0 30	24 14	0 37	1 10	2 34	15 37	0 14	23 36	0 2	23 17	17 8	12 7	11 42	25 25		n.a.
M31	23s50	10n57	3n53	21s15	1n42	23s 0	0s 6	10s56	0s29	24s14	0s37	1s 9	2s33	15s38	0n14	23s36	0s 2	23s17	17s 8	12n 5	11n41	25s23		n.a.

Julian Day Number = 1311216.5, Delta T = 07h41m24s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'42, Lahiri = -19°27'41 Julian Calendar 1 Dec. 1124 BCE == Greg. Calendar 20 Nov. 1124 BCE

The year -1123 astronomical counting style corresponds to year 1124 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

JANUARY 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 22	1♉11'12	25♍25	15°R 9	15♐36	3♓54	7♉51	2♈58	12♏36	8♉17	11♓ 0	1°D11	0♉ 1	0♒36	n.a.	T 1
W 2	6 3 19	2°11'57	8♎56	14♉51	16°51	4°35	8° 5	3° 0	12°39	8°20	11° 1	1♉11	29♈58	0°43	n.a.	W 2
T 3	6 7 16	3°12'41	22° 7	14°21	18° 6	5°15	8°20	3° 2	12°41	8°22	11° 2	1°12	29°54	0°50	n.a.	T 3
F 4	6 11 12	4°13'23	4♏59	13°43	19°21	5°56	8°34	3° 4	12°44	8°24	11° 2	1°R12	29°51	0°56	n.a.	F 4
S 5	6 15 9	5°14'05	17°36	12°55	20°36	6°36	8°48	3° 7	12°47	8°27	11° 3	1°11	29°48	1° 3	n.a.	S 5
S 6	6 19 5	6°14'45	0♐ 0	12° 0	21°51	7°17	9° 3	3° 9	12°49	8°29	11° 4	1° 7	29°45	1°10	n.a.	S 6
M 7	6 23 2	7°15'23	12°16	10°58	23° 6	7°58	9°17	3°12	12°52	8°31	11° 4	1° 0	29°42	1°17	n.a.	M 7
T 8	6 26 58	8°16'00	24°24	9°53	24°21	8°38	9°31	3°14	12°54	8°33	11° 5	0°51	29°39	1°23	n.a.	T 8
W 9	6 30 55	9°16'35	6♉26	8°45	25°36	9°19	9°46	3°17	12°57	8°36	11° 6	0°39	29°35	1°30	n.a.	W 9
T 10	6 34 52	10°17'09	18°24	7°36	26°50	9°59	10° 0	3°20	12°59	8°38	11° 7	0°25	29°32	1°37	n.a.	T 10
F 11	6 38 48	11°17'41	0♒17	6°29	28° 5	10°40	10°14	3°23	13° 1	8°40	11° 7	0°12	29°29	1°43	n.a.	F 11
S 12	6 42 45	12°18'11	12° 9	5°24	29°20	11°20	10°29	3°26	13° 4	8°43	11° 8	29♈58	29°26	1°50	n.a.	S 12
S 13	6 46 41	13°18'39	24° 0	4°23	0♉35	12° 1	10°43	3°29	13° 6	8°45	11° 9	29°47	29°23	1°57	n.a.	S 13
M14	6 50 38	14°19'05	5♓54	3°27	1°50	12°41	10°58	3°33	13° 8	8°47	11°10	29°38	29°19	2° 4	n.a.	M14
T 15	6 54 34	15°19'29	17°52	2°38	3° 4	13°22	11°12	3°36	13°10	8°49	11°11	29°32	29°16	2°10	n.a.	T 15
W16	6 58 31	16°19'50	0♈ 1	1°55	4°19	14° 2	11°26	3°40	13°12	8°52	11°12	29°29	29°13	2°17	n.a.	W16
T 17	7 2 27	17°20'10	12°23	1°20	5°34	14°43	11°41	3°43	13°15	8°54	11°12	29°28	29°10	2°24	n.a.	T 17
F 18	7 6 24	18°20'27	25° 4	0°51	6°49	15°23	11°55	3°47	13°17	8°56	11°13	29°28	29° 7	2°31	n.a.	F 18
S 19	7 10 20	19°20'42	8♉10	0°30	8° 3	16° 4	12° 9	3°51	13°19	8°58	11°14	29°28	29° 4	2°37	n.a.	S 19
S 20	7 14 17	20°20'56	21°43	0°16	9°18	16°44	12°24	3°55	13°21	9° 1	11°15	29°27	29° 0	2°44	n.a.	S 20
M21	7 18 14	21°21'06	5♊46	0°10	10°33	17°24	12°38	3°59	13°22	9° 3	11°16	29°23	28°57	2°51	n.a.	M21
T 22	7 22 10	22°21'15	20°18	0°D 9	11°48	18° 5	12°52	4° 3	13°24	9° 5	11°17	29°16	28°54	2°57	n.a.	T 22
W23	7 26 7	23°21'22	5♋16	0°16	13° 2	18°45	13° 6	4° 7	13°26	9° 7	11°18	29° 7	28°51	3° 4	n.a.	W23
T 24	7 30 3	24°21'26	20°31	0°28	14°17	19°25	13°21	4°11	13°28	9°10	11°19	28°56	28°48	3°11	n.a.	T 24
F 25	7 34 0	25°21'29	5♌53	0°46	15°32	20° 5	13°35	4°16	13°30	9°12	11°20	28°45	28°45	3°18	n.a.	F 25
S 26	7 37 56	26°21'29	21° 9	1°10	16°46	20°46	13°49	4°20	13°31	9°14	11°21	28°34	28°41	3°24	n.a.	S 26
S 27	7 41 53	27°21'27	6♍ 9	1°38	18° 1	21°26	14° 3	4°25	13°33	9°16	11°22	28°25	28°38	3°31	n.a.	S 27
M28	7 45 50	28°21'24	20°46	2°11	19°16	22° 6	14°17	4°29	13°35	9°18	11°23	28°19	28°35	3°38	n.a.	M28
T 29	7 49 46	29°21'18	4♎54	2°48	20°30	22°46	14°31	4°34	13°36	9°21	11°24	28°16	28°32	3°45	n.a.	T 29
W30	7 53 43	0♒21'11	18°33	3°30	21°45	23°26	14°46	4°39	13°38	9°23	11°26	28°15	28°29	3°51	n.a.	W30
T 31	7 57 39	1♒21'02	1♏46	4♉15	22♉59	24♓ 7	15♉ 0	4♈44	13♏39	9♉25	11♓27	28♈15	28♈25	3♒58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s49	4n35	2n59	20s58	2n 0	23s11	0s 8	10s40	0s28	24s13	0s37	1s 8	2s33	15s39	0n14	23s36	0s 2	23s16	17s 8	12n 5	11n40	25s22			n.a.
W 2	23 49	1s50	1 56	20 43	2 17	23 21	0 11	10 24	0 27	24 12	0 37	1 7	2 33	15 40	0 14	23 36	0 2	23 16	17 7	12 5	11 38	25 20			n.a.
T 3	23 47	8 0	0 48	20 29	2 34	23 31	0 13	10 8	0 26	24 11	0 38	1 6	2 32	15 41	0 14	23 36	0 2	23 15	17 7	12 5	11 37	25 19			n.a.
F 4	23 46	13 42	0s20	20 18	2 50	23 39	0 16	9 52	0 25	24 10	0 38	1 5	2 32	15 41	0 14	23 35	0 2	23 14	17 7	12 5	11 36	25 17			n.a.
S 5	23 43	18 44	1 26	20 8	3 5	23 48	0 18	9 36	0 24	24 10	0 38	1 3	2 32	15 42	0 14	23 35	0 2	23 14	17 6	12 4	11 35	25 16			n.a.
S 6	23 41	22 52	2 27	20 0	3 17	23 55	0 20	9 20	0 23	24 9	0 38	1 2	2 31	15 43	0 14	23 35	0 2	23 13	17 6	12 3	11 34	25 14			n.a.
M 7	23 38	25 56	3 20	19 54	3 28	24 2	0 23	9 4	0 22	24 8	0 38	1 1	2 31	15 44	0 14	23 35	0 2	23 13	17 6	12 1	11 33	25 13			n.a.
T 8	23 34	27 45	4 3	19 51	3 37	24 8	0 25	8 47	0 21	24 7	0 38	0 59	2 31	15 44	0 14	23 35	0 2	23 12	17 5	11 57	11 32	25 11			n.a.
W 9	23 30	28 15	4 35	19 49	3 44	24 13	0 27	8 31	0 20	24 6	0 38	0 58	2 30	15 45	0 14	23 35	0 2	23 12	17 5	11 53	11 30	25 9			n.a.
T 10	23 25	27 24	4 54	19 49	3 48	24 17	0 30	8 15	0 19	24 5	0 38	0 57	2 30	15 46	0 14	23 35	0 2	23 11	17 5	11 48	11 29	25 8			n.a.
F 11	23 20	25 18	5 1	19 50	3 50	24 21	0 32	7 58	0 18	24 4	0 38	0 55	2 30	15 47	0 14	23 34	0 2	23 10	17 4	11 43	11 28	25 6			n.a.
S 12	23 15	22 7	4 54	19 53	3 50	24 24	0 34	7 42	0 17	24 3	0 38	0 54	2 30	15 47	0 14	23 34	0 2	23 10	17 4	11 39	11 27	25 5			n.a.
S 13	23 9	18 3	4 35	19 58	3 48	24 26	0 36	7 25	0 16	24 2	0 38	0 52	2 29	15 48	0 14	23 34	0 2	23 9	17 4	11 35	11 26	25 3			n.a.
M14	23 3	13 15	4 3	20 4	3 44	24 28	0 39	7 9	0 15	24 1	0 39	0 50	2 29	15 49	0 14	23 34	0 2	23 8	17 3	11 32	11 25	25 1			n.a.
T 15	22 56	7 57	3 21	20 11	3 38	24 28	0 41	6 52	0 15	24 0	0 39	0 49	2 29	15 49	0 14	23 34	0 2	23 8	17 3	11 29	11 24	25 0			n.a.
W16	22 49	2 16	2 29	20 19	3 30	24 28	0 43	6 35	0 14	23 58	0 39	0 47	2 28	15 50	0 14	23 34	0 2	23 7	17 3	11 28	11 22	24 58			n.a.
T 17	22 41	3n36	1 29	20 28	3 21	24 27	0 45	6 19	0 13	23 57	0 39	0 45	2 28	15 51	0 14	23 34	0 2	23 7	17 2	11 28	11 21	24 56			n.a.
F 18	22 33	9 30	0 23	20 38	3 12	24 26	0 47	6 2	0 12	23 56	0 39	0 44	2 28	15 51	0 14	23 33	0 2	23 6	17 2	11 28	11 20	24 55			n.a.
S 19	22 25	15 11	0n46	20 49	3 1	24 24	0 49	5 45	0 11	23 55	0 39	0 42	2 27	15 52	0 14	23 33	0 2	23 5	17 2	11 28	11 19	24 53			n.a.
S 20	22 16	20 20	1 55	21 0	2 50	24 20	0 51	5 29	0 10	23 54	0 39	0 40	2 27	15 53	0 14	23 33	0 2	23 5	17 2	11 27	11 18	24 51			n.a.
M21	22 6	24 33	2 59	21 12	2 38	24 17	0 53	5 12	0 9	23 52	0 39	0 38	2 27	15 53	0 14	23 33	0 2	23 4	17 1	11 26	11 17	24 50			n.a.
T 22	21 57	27 21	3 54	21 24	2 26	24 12	0 54	4 55	0 8	23 51	0 39	0 36	2 27	15 54	0 14	23 33	0 2	23 3	17 1	11 24	11 16	24 48			n.a.
W23	21 46	28 18	4 35	21 36	2 14	24 7	0 56	4 38	0 8	23 50	0 40	0 34	2 26	15 54	0 14	23 33	0 2	23 3	17 1	11 20	11 14	24 46			n.a.
T 24	21 36	27 7	4 57	21 49	2 1	24 1	0 58	4 21	0 7	23 48	0 40	0 32	2 26	15 55	0 14	23 33	0 2	23 2	17 0	11 16	11 13	24 45			n.a.
F 25	21 25	23 54	4 58	22 1	1 49	23 54	1 0	4 5	0 6	23 47	0 40	0 30	2 26	15 55	0 14	23 32	0 2	23 2	17 0	11 12	11 12	24 43			n.a.
S 26	21 13	19 3	4 37	22 13	1 36	23 46	1 1	3 48	0 5	23 46	0 40	0 28	2 26	15 56	0 14	23 32	0 2	23 1	17 0	11 8	11 11	24 41			n.a.
S 27	21 2	13 4	3 58	22 25	1 24	23 38	1 3	3 31	0 4	23 44	0 40	0 26	2 25	15 56	0 14	23 32	0 2	23 0	17 0	11 5	11 10	24 40			n.a.
M28	20 50	6 32	3 4	22 37	1 12	23 29	1 4	3 14	0 3	23 43	0 40	0 24	2 25	15 57	0 14	23 32	0 2	23 0	16 59	11 3	11 9	24 38			n.a.
T 29	20 37	0s 9	2 0	22 48	1 0	23 19	1 6	2 57	0 3	23 41	0 40	0 22	2 25	15 57	0 14	23 32	0 2	22 59	16 59	11 2	11 8	24 36			n.a.
W30	20 24	6 36	0 51	22 59	0 48	23 9	1 7	2 40	0 2	23 40	0 40	0 20	2 24	15 58	0 14	23 32	0 2	22 58	16 59	11 1	11 6	24 34			n.a.
T 31	20s11	12s34	0s19	23s 9	0n37	22s58	1s 9	2s23	0s 1	23s39	0s40	0s18	2s24	15s58	0n14	23s32	0s 2	22s58	16s59	11n 1	11n 5	24s33			n.a.

Julian Day Number = 1311247.5, Delta T = 07h41m23s
Ecliptic obliquity = 23°49'50, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'38, Lahiri = -19°27'37 Julian Calendar 1 Jan. 1123 BCE == Greg. Calendar 21 Dec. 1124 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

FEBRUARY 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 1 36	2♒20'51	14♏36	5♉ 4	24♉14	24♓47	15♉14	4♈49	13♏40	9♉27	11♓28	28°R14	28♈22	4♒ 5	n.a.	F 1
S 2	8 5 32	3°20'39	27° 7	5°56	25°28	25°27	15°28	4°54	13°42	9°29	11°29	28♈13	28°19	4°11	n.a.	S 2
S 3	8 9 29	4°20'24	9♐23	6°51	26°43	26° 7	15°42	4°59	13°43	9°31	11°30	28° 9	28°16	4°18	n.a.	S 3
M 4	8 13 25	5°20'08	21°30	7°49	27°58	26°47	15°56	5° 4	13°44	9°33	11°31	28° 2	28°13	4°25	n.a.	M 4
T 5	8 17 22	6°19'50	3♑29	8°50	29°12	27°27	16°10	5° 9	13°45	9°35	11°32	27°52	28°10	4°32	n.a.	T 5
W 6	8 21 18	7°19'30	15°24	9°53	0♒27	28° 7	16°24	5°15	13°47	9°38	11°34	27°39	28° 6	4°38	n.a.	W 6
T 7	8 25 15	8°19'07	27°17	10°59	1°41	28°47	16°37	5°20	13°48	9°40	11°35	27°25	28° 3	4°45	n.a.	T 7
F 8	8 29 12	9°18'43	9♒ 8	12° 7	2°56	29°27	16°51	5°25	13°49	9°42	11°36	27°11	28° 0	4°52	n.a.	F 8
S 9	8 33 8	10°18'16	21° 1	13°17	4°10	0♈ 7	17° 5	5°31	13°50	9°44	11°37	26°57	27°57	4°59	n.a.	S 9
S 10	8 37 5	11°17'47	2♓55	14°29	5°25	0°47	17°19	5°37	13°51	9°46	11°38	26°45	27°54	5° 5	n.a.	S 10
M11	8 41 1	12°17'16	14°53	15°43	6°39	1°27	17°32	5°42	13°51	9°48	11°40	26°36	27°51	5°12	n.a.	M11
T 12	8 44 58	13°16'42	26°57	16°59	7°54	2° 6	17°46	5°48	13°52	9°50	11°41	26°29	27°47	5°19	n.a.	T 12
W13	8 48 54	14°16'06	9♈ 9	18°17	9° 8	2°46	18° 0	5°54	13°53	9°52	11°42	26°26	27°44	5°25	n.a.	W13
T 14	8 52 51	15°15'28	21°34	19°37	10°22	3°26	18°13	6° 0	13°54	9°54	11°43	26°D24	27°41	5°32	n.a.	T 14
F 15	8 56 47	16°14'47	4♉14	20°58	11°37	4° 6	18°27	6° 6	13°54	9°56	11°45	26°24	27°38	5°39	n.a.	F 15
S 16	9 0 44	17°14'03	17°15	22°21	12°51	4°46	18°40	6°12	13°55	9°57	11°46	26°R25	27°35	5°46	n.a.	S 16
S 17	9 4 40	18°13'18	0♊41	23°46	14° 6	5°26	18°54	6°18	13°56	9°59	11°47	26°24	27°31	5°52	n.a.	S 17
M18	9 8 37	19°12'29	14°33	25°12	15°20	6° 5	19° 7	6°24	13°56	10° 1	11°49	26°21	27°28	5°59	n.a.	M18
T 19	9 12 34	20°11'39	28°53	26°40	16°34	6°45	19°21	6°31	13°57	10° 3	11°50	26°17	27°25	6° 6	n.a.	T 19
W20	9 16 30	21°10'46	13♋39	28° 9	17°49	7°25	19°34	6°37	13°57	10° 5	11°51	26° 9	27°22	6°12	n.a.	W20
T 21	9 20 27	22° 9'50	28°45	29°40	19° 3	8° 4	19°47	6°43	13°57	10° 7	11°53	26° 0	27°19	6°19	n.a.	T 21
F 22	9 24 23	23° 8'52	14♌ 1	1♒12	20°17	8°44	20° 0	6°50	13°58	10° 9	11°54	25°51	27°16	6°26	n.a.	F 22
S 23	9 28 20	24° 7'52	29°18	2°46	21°32	9°24	20°13	6°56	13°58	10°10	11°55	25°42	27°12	6°33	n.a.	S 23
S 24	9 32 16	25° 6'50	14♍23	4°21	22°46	10° 3	20°26	7° 3	13°58	10°12	11°57	25°35	27° 9	6°39	n.a.	S 24
M25	9 36 13	26° 5'45	29° 8	5°58	24° 0	10°43	20°39	7° 9	13°58	10°14	11°58	25°30	27° 6	6°46	n.a.	M25
T 26	9 40 9	27° 4'39	13♎26	7°36	25°14	11°22	20°52	7°16	13°58	10°15	11°59	25°27	27° 3	6°53	n.a.	T 26
W27	9 44 6	28° 3'31	27°16	9°16	26°29	12° 2	21° 5	7°23	13°R58	10°17	12° 1	25°D26	27° 0	7° 0	n.a.	W27
T 28	9 48 3	29♒ 2'20	10♏37	10♒57	27♒43	12♈41	21♉18	7♈30	13♏58	10♉19	12♓ 2	25♈27	26♈56	7♒ 6	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s57	17s50	1s25	23s18	0n25	22s46	1s10	2s 7	0s 0	23s37	0s41	0s15	2s24	15s59	0n14	23s31	0s 2	22s57	16s58	11n 1	11n 4	24s31		n.a.	
S 2	19 44	22 12	2 26	23 27	0 15	22 34	1 11	1 50	0n 1	23 36	0 41	0 13	2 24	15 59	0 14	23 31	0 2	22 56	16 58	11 1	11 3	24 29		n.a.	
S 3	19 29	25 30	3 19	23 35	0 4	22 21	1 13	1 33	0 1	23 34	0 41	0 11	2 23	15 59	0 14	23 31	0 2	22 56	16 58	10 59	11 2	24 27		n.a.	
M 4	19 15	27 34	4 2	23 42	0s 6	22 7	1 14	1 16	0 2	23 32	0 41	0 8	2 23	16 0	0 14	23 31	0 2	22 55	16 58	10 57	11 1	24 26		n.a.	
T 5	19 0	28 20	4 33	23 48	0 16	21 52	1 15	0 59	0 3	23 31	0 41	0 6	2 23	16 0	0 14	23 31	0 2	22 54	16 58	10 53	11 0	24 24		n.a.	
W 6	18 44	27 46	4 53	23 53	0 26	21 37	1 16	0 42	0 4	23 29	0 41	0 4	2 23	16 0	0 14	23 31	0 2	22 54	16 57	10 48	10 58	24 22		n.a.	
T 7	18 29	25 56	4 59	23 57	0 35	21 22	1 17	0 25	0 5	23 28	0 41	0 1	2 23	16 1	0 14	23 31	0 2	22 53	16 57	10 43	10 57	24 20		n.a.	
F 8	18 13	22 58	4 53	24 0	0 44	21 5	1 18	0 9	0 5	23 26	0 42	0n 1	2 22	16 1	0 14	23 31	0 2	22 52	16 57	10 38	10 56	24 19		n.a.	
S 9	17 57	19 2	4 34	24 1	0 52	20 48	1 19	0n 8	0 6	23 24	0 42	0 4	2 22	16 1	0 14	23 30	0 2	22 52	16 57	10 33	10 55	24 17		n.a.	
S 10	17 40	14 22	4 3	24 2	1 0	20 31	1 20	0 25	0 7	23 23	0 42	0 6	2 22	16 2	0 14	23 30	0 2	22 51	16 57	10 29	10 54	24 15		n.a.	
M11	17 23	9 7	3 21	24 1	1 8	20 13	1 21	0 42	0 7	23 21	0 42	0 9	2 22	16 2	0 14	23 30	0 2	22 50	16 56	10 25	10 53	24 13		n.a.	
T 12	17 6	3 30	2 29	23 58	1 15	19 54	1 21	0 59	0 8	23 19	0 42	0 11	2 21	16 2	0 14	23 30	0 2	22 50	16 56	10 23	10 51	24 11		n.a.	
W13	16 49	2n18	1 30	23 55	1 22	19 35	1 22	1 15	0 9	23 18	0 42	0 14	2 21	16 2	0 14	23 30	0 2	22 49	16 56	10 22	10 50	24 9		n.a.	
T 14	16 31	8 9	0 26	23 50	1 29	19 15	1 22	1 32	0 10	23 16	0 42	0 16	2 21	16 3	0 14	23 30	0 2	22 48	16 56	10 21	10 49	24 8		n.a.	
F 15	16 14	13 47	0n42	23 43	1 35	18 55	1 23	1 49	0 10	23 14	0 43	0 19	2 21	16 3	0 14	23 30	0 2	22 48	16 56	10 21	10 48	24 6		n.a.	
S 16	15 55	18 59	1 48	23 36	1 40	18 34	1 23	2 5	0 11	23 13	0 43	0 21	2 20	16 3	0 14	23 29	0 2	22 47	16 56	10 21	10 47	24 4		n.a.	
S 17	15 37	23 25	2 51	23 26	1 46	18 12	1 24	2 22	0 12	23 11	0 43	0 24	2 20	16 3	0 14	23 29	0 2	22 46	16 55	10 21	10 46	24 2		n.a.	
M18	15 18	26 40	3 47	23 15	1 51	17 50	1 24	2 39	0 12	23 9	0 43	0 27	2 20	16 3	0 14	23 29	0 2	22 46	16 55	10 20	10 45	24 0		n.a.	
T 19	14 59	28 19	4 29	23 3	1 55	17 28	1 25	2 55	0 13	23 7	0 43	0 29	2 20	16 3	0 14	23 29	0 2	22 45	16 55	10 18	10 43	23 58		n.a.	
W20	14 40	28 1	4 56	22 49	1 59	17 5	1 25	3 12	0 14	23 5	0 43	0 32	2 20	16 4	0 14	23 29	0 2	22 44	16 55	10 16	10 42	23 56		n.a.	
T 21	14 21	25 41	5 3	22 33	2 3	16 42	1 25	3 28	0 14	23 4	0 43	0 35	2 19	16 4	0 14	23 29	0 2	22 44	16 55	10 12	10 41	23 55		n.a.	
F 22	14 1	21 28	4 48	22 15	2 6	16 18	1 25	3 45	0 15	23 2	0 44	0 38	2 19	16 4	0 14	23 29	0 3	22 43	16 55	10 9	10 40	23 53		n.a.	
S 23	13 42	15 51	4 13	21 56	2 8	15 54	1 25	4 1	0 16	23 0	0 44	0 40	2 19	16 4	0 14	23 29	0 3	22 42	16 55	10 5	10 39	23 51		n.a.	
S 24	13 22	9 19	3 21	21 36	2 10	15 29	1 25	4 18	0 16	22 58	0 44	0 43	2 19	16 4	0 14	23 28	0 3	22 42	16 54	10 3	10 38	23 49		n.a.	
M25	13 1	2 25	2 16	21 13	2 12	15 4	1 25	4 34	0 17	22 56	0 44	0 46	2 19	16 4	0 14	23 28	0 3	22 41	16 54	10 1	10 36	23 47		n.a.	
T 26	12 41	4s25	1 4	20 49	2 13	14 39	1 25	4 50	0 18	22 55	0 44	0 49	2 19	16 4	0 14	23 28	0 3	22 40	16 54	10 0	10 35	23 45		n.a.	
W27	12 21	10 49	0s10	20 23	2 14	14 13	1 24	5 7	0 18	22 53	0 44	0 52	2 18	16 4	0 14	23 28	0 3	22 40	16 54	10 0	10 34	23 43		n.a.	
T 28	12s 0	16s31	1s20	19s55	2s14	13s47	1s24	5n23	0n19	22s51	0s45	0n55	2s18	16s 4	0n14	23s28	0s 3	22s39	16s54	10n 0	10n33	23s41		n.a.	

Julian Day Number = 1311278.5, Delta T = 07h41m21s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'33, Lahiri = -19°27'33 Julian Calendar 1 Feb. 1123 BCE == Greg. Calendar 21 Jan. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

MARCH 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 51 59	0♓ 1'08	23♏32	12♒40	28♒57	13♈21	21♑31	7♈36	13°R58	10♑20	12♓ 4	25♈28	26♈53	7♒13	n.a.	F 1
S 2	9 55 56	0°59'54	6♐ 6	14°24	0♓11	14° 0	21°44	7°43	13♏58	10°22	12° 5	25°R28	26°50	7°20	n.a.	S 2
S 3	9 59 52	1°58'39	18°22	16° 9	1°25	14°40	21°56	7°50	13°58	10°24	12° 6	25°26	26°47	7°26	n.a.	S 3
M 4	10 3 49	2°57'21	0♑27	17°56	2°40	15°19	22° 9	7°57	13°58	10°25	12° 8	25°23	26°44	7°33	n.a.	M 4
T 5	10 7 45	3°56'02	12°23	19°45	3°54	15°59	22°21	8° 4	13°57	10°27	12° 9	25°17	26°41	7°40	n.a.	T 5
W 6	10 11 42	4°54'41	24°15	21°35	5° 8	16°38	22°34	8°11	13°57	10°28	12°10	25° 9	26°37	7°47	n.a.	W 6
T 7	10 15 38	5°53'17	6♒ 6	23°27	6°22	17°17	22°46	8°18	13°57	10°30	12°12	25° 0	26°34	7°53	n.a.	T 7
F 8	10 19 35	6°51'52	17°58	25°20	7°36	17°57	22°58	8°25	13°56	10°31	12°13	24°50	26°31	8° 0	n.a.	F 8
S 9	10 23 32	7°50'25	29°54	27°15	8°50	18°36	23°10	8°33	13°56	10°33	12°15	24°41	26°28	8° 7	n.a.	S 9
S 10	10 27 28	8°48'56	11♓54	29°11	10° 4	19°15	23°23	8°40	13°55	10°34	12°16	24°34	26°25	8°13	n.a.	S 10
M11	10 31 25	9°47'24	24° 1	1♈ 9	11°18	19°55	23°35	8°47	13°55	10°36	12°18	24°28	26°22	8°20	n.a.	M11
T 12	10 35 21	10°45'51	6♈16	3° 8	12°33	20°34	23°47	8°54	13°54	10°37	12°19	24°24	26°18	8°27	n.a.	T 12
W13	10 39 18	11°44'15	18°40	5° 9	13°47	21°13	23°58	9° 2	13°53	10°38	12°20	24°D22	26°15	8°34	n.a.	W13
T 14	10 43 14	12°42'38	1♉15	7°11	15° 1	21°52	24°10	9° 9	13°53	10°40	12°22	24°22	26°12	8°40	n.a.	T 14
F 15	10 47 11	13°40'58	14° 5	9°14	16°15	22°31	24°22	9°16	13°52	10°41	12°23	24°23	26° 9	8°47	n.a.	F 15
S 16	10 51 7	14°39'16	27°11	11°19	17°29	23°11	24°34	9°24	13°51	10°42	12°25	24°25	26° 6	8°54	n.a.	S 16
S 17	10 55 4	15°37'32	10♊36	13°24	18°43	23°50	24°45	9°31	13°50	10°43	12°26	24°R26	26° 2	9° 1	n.a.	S 17
M18	10 59 0	16°35'45	24°23	15°31	19°57	24°29	24°57	9°39	13°49	10°44	12°27	24°26	25°59	9° 7	n.a.	M18
T 19	11 2 57	17°33'57	8♋31	17°39	21°11	25° 8	25° 8	9°46	13°48	10°46	12°29	24°24	25°56	9°14	n.a.	T 19
W20	11 6 54	18°32'06	23° 0	19°47	22°25	25°47	25°19	9°54	13°47	10°47	12°30	24°21	25°53	9°21	n.a.	W20
T 21	11 10 50	19°30'13	7♌46	21°55	23°39	26°26	25°30	10° 1	13°46	10°48	12°32	24°16	25°50	9°27	n.a.	T 21
F 22	11 14 47	20°28'18	22°42	24° 4	24°52	27° 5	25°42	10° 9	13°45	10°49	12°33	24°12	25°47	9°34	n.a.	F 22
S 23	11 18 43	21°26'21	7♍41	26°13	26° 6	27°44	25°52	10°17	13°44	10°50	12°34	24° 7	25°43	9°41	n.a.	S 23
S 24	11 22 40	22°24'22	22°34	28°21	27°20	28°23	26° 3	10°24	13°43	10°51	12°36	24° 3	25°40	9°48	n.a.	S 24
M25	11 26 36	23°22'21	7♎12	0♈29	28°34	29° 2	26°14	10°32	13°42	10°52	12°37	24° 1	25°37	9°54	n.a.	M25
T 26	11 30 33	24°20'18	21°29	2°35	29°48	29°41	26°25	10°40	13°40	10°53	12°39	24°D 0	25°34	10° 1	n.a.	T 26
W27	11 34 29	25°18'14	5♏21	4°41	1♈ 2	0♉20	26°35	10°47	13°39	10°54	12°40	24° 0	25°31	10° 8	n.a.	W27
T 28	11 38 26	26°16'09	18°47	6°45	2°16	0°59	26°46	10°55	13°38	10°55	12°41	24° 1	25°28	10°14	n.a.	T 28
F 29	11 42 22	27°14'02	1♐48	8°47	3°29	1°38	26°56	11° 3	13°36	10°56	12°43	24° 3	25°24	10°21	n.a.	F 29
S 30	11 46 19	28°11'53	14°27	10°47	4°43	2°17	27° 7	11°11	13°35	10°56	12°44	24° 4	25°21	10°28	n.a.	S 30
S 31	11 50 16	29♓ 9'44	26♐48	12♈45	5♈57	2♉56	27♑17	11♈18	13♏34	10♑57	12♓45	24°R 5	25♈18	10♒35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s39	21s17	2s25	19s26	2s14	13s20	1s24	5n39	0n20	22s49	0s45	0n57	2s18	16s 4	0n14	23s28	0s 3	22s39	16s54	10n 0	10n32	23s39		n.a.
S 2	11 18	24 57	3 20	18 54	2 14	12 53	1 23	5 55	0 20	22 47	0 45	1 0	2 18	16 4	0 14	23 28	0 3	22 38	16 54	10 0	10 31	23 37		n.a.
S 3	10 57	27 23	4 5	18 21	2 12	12 26	1 23	6 11	0 21	22 45	0 45	1 3	2 18	16 4	0 14	23 28	0 3	22 37	16 54	10 0	10 29	23 35		n.a.
M 4	10 35	28 28	4 38	17 46	2 11	11 58	1 22	6 27	0 22	22 43	0 45	1 6	2 18	16 4	0 14	23 27	0 3	22 37	16 54	9 58	10 28	23 33		n.a.
T 5	10 14	28 12	4 58	17 9	2 8	11 30	1 22	6 43	0 22	22 41	0 45	1 9	2 17	16 4	0 14	23 27	0 3	22 36	16 54	9 56	10 27	23 31		n.a.
W 6	9 52	26 38	5 6	16 31	2 5	11 2	1 21	6 59	0 23	22 39	0 46	1 12	2 17	16 4	0 14	23 27	0 3	22 36	16 54	9 53	10 26	23 29		n.a.
T 7	9 30	23 54	5 0	15 50	2 2	10 34	1 20	7 15	0 23	22 38	0 46	1 15	2 17	16 3	0 14	23 27	0 3	22 35	16 54	9 50	10 25	23 28		n.a.
F 8	9 8	20 9	4 42	15 8	1 58	10 5	1 20	7 31	0 24	22 36	0 46	1 18	2 17	16 3	0 14	23 27	0 3	22 34	16 54	9 46	10 24	23 26		n.a.
S 9	8 46	15 36	4 11	14 24	1 54	9 36	1 19	7 47	0 24	22 34	0 46	1 21	2 17	16 3	0 14	23 27	0 3	22 34	16 53	9 43	10 22	23 24		n.a.
S 10	8 24	10 25	3 29	13 38	1 49	9 7	1 18	8 3	0 25	22 32	0 46	1 24	2 17	16 3	0 14	23 27	0 3	22 33	16 53	9 40	10 21	23 22		n.a.
M11	8 1	4 48	2 36	12 51	1 43	8 37	1 17	8 18	0 26	22 30	0 47	1 27	2 16	16 3	0 14	23 27	0 3	22 33	16 53	9 38	10 20	23 20		n.a.
T 12	7 39	1n 3	1 36	12 2	1 37	8 8	1 16	8 34	0 26	22 28	0 47	1 30	2 16	16 3	0 14	23 27	0 3	22 32	16 53	9 36	10 19	23 18		n.a.
W13	7 16	6 57	0 31	11 11	1 30	7 38	1 15	8 49	0 27	22 26	0 47	1 33	2 16	16 2	0 14	23 27	0 3	22 31	16 53	9 36	10 18	23 16		n.a.
T 14	6 54	12 41	0n37	10 18	1 23	7 8	1 14	9 5	0 27	22 24	0 47	1 36	2 16	16 2	0 14	23 26	0 3	22 31	16 53	9 36	10 17	23 14		n.a.
F 15	6 31	17 59	1 45	9 24	1 16	6 37	1 13	9 20	0 28	22 22	0 47	1 39	2 16	16 2	0 14	23 26	0 3	22 30	16 53	9 36	10 15	23 11		n.a.
S 16	6 8	22 35	2 49	8 29	1 8	6 7	1 11	9 35	0 28	22 20	0 48	1 42	2 16	16 2	0 14	23 26	0 3	22 30	16 53	9 37	10 14	23 9		n.a.
S 17	5 45	26 6	3 45	7 32	0 59	5 36	1 10	9 51	0 29	22 18	0 48	1 46	2 16	16 1	0 14	23 26	0 3	22 29	16 53	9 37	10 13	23 7		n.a.
M18	5 22	28 12	4 29	6 34	0 50	5 6	1 9	10 6	0 30	22 17	0 48	1 49	2 16	16 1	0 14	23 26	0 3	22 29	16 53	9 37	10 12	23 5		n.a.
T 19	4 59	28 32	4 59	5 35	0 40	4 35	1 7	10 21	0 30	22 15	0 48	1 52	2 15	16 1	0 14	23 26	0 3	22 28	16 53	9 36	10 11	23 3		n.a.
W20	4 36	26 56	5 11	4 35	0 30	4 4	1 6	10 36	0 31	22 13	0 48	1 55	2 15	16 1	0 14	23 26	0 3	22 27	16 53	9 35	10 10	23 1		n.a.
T 21	4 13	23 29	5 2	3 34	0 20	3 33	1 4	10 51	0 31	22 11	0 49	1 58	2 15	16 0	0 14	23 26	0 3	22 27	16 53	9 34	10 8	22 59		n.a.
F 22	3 50	18 28	4 34	2 33	0 10	3 2	1 3	11 6	0 32	22 9	0 49	2 1	2 15	16 0	0 14	23 26	0 3	22 26	16 53	9 32	10 7	22 57		n.a.
S 23	3 27	12 18	3 46	1 31	0n 1	2 30	1 1	11 20	0 32	22 7	0 49	2 4	2 15	16 0	0 14	23 26	0 3	22 26	16 54	9 30	10 6	22 55		n.a.
S 24	3 4	5 29	2 43	0 29	0 12	1 59	1 0	11 35	0 33	22 5	0 49	2 7	2 15	15 59	0 14	23 26	0 3	22 25	16 54	9 29	10 5	22 53		n.a.
M25	2 40	1s31	1 31	0n32	0 22	1 28	0 58	11 50	0 33	22 3	0 49	2 10	2 15	15 59	0 14	23 26	0 3	22 25	16 54	9 28	10 4	22 51		n.a.
T 26	2 17	8 18	0 14	1 33	0 33	0 56	0 56	12 4	0 34	22 2	0 50	2 14	2 15	15 58	0 14	23 26	0 3	22 24	16 54	9 27	10 2	22 49		n.a.
W27	1 54	14 29	1s 2	2 34	0 44	0 25	0 54	12 18	0 34	22 0	0 50	2 17	2 15	15 58	0 14	23 25	0 3	22 24	16 54	9 28	10 1	22 47		n.a.
T 28	1 30	19 48	2 12	3 33	0 55	0n 7	0 53	12 33	0 35	21 58	0 50	2 20	2 15	15 58	0 14	23 25	0 3	22 23	16 54	9 28	10 0	22 45		n.a.
F 29	1 7	24 0	3 12	4 32	1 5	0 38	0 51	12 47	0 35	21 56	0 50	2 23	2 14	15 57	0 14	23 25	0 3	22 23	16 54	9 29	9 59	22 42		n.a.
S 30	0 44	26 55	4 2	5 29	1 15	1 10	0 49	13 1	0 36	21 54	0 50	2 26	2 14	15 57	0 14	23 25	0 3	22 22	16 54	9 29	9 58	22 40		n.a.
S 31	0s20	28s27	4s39	6n25	1n25	1n41	0s47	13n15	0n36	21s52	0s51	2n29	2s14	15s56	0n14	23s25	0s 3	22s22	16s54	9n29	9n57	22s38		n.a.

Julian Day Number = 1311306.5, Delta T = 07h41m20s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'30, Lahiri = -19°27'29 Julian Calendar 1 March 1123 BCE == Greg. Calendar 18 Feb. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

APRIL 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 54 12	0♈ 7'32	8♑54	14♈40	7♈11	3♉34	27♑27	11♈26	13°R32	10♑58	12♓47	24°R 5	25♈15	10♒41	n.a.	M 1
T 2	11 58 9	1° 5'20	20°52	16°33	8°25	4°13	27°37	11°34	13♏30	10°59	12°48	24♈ 3	25°12	10°48	n.a.	T 2
W 3	12 2 5	2° 3'06	2♒44	18°22	9°38	4°52	27°47	11°42	13°29	10°59	12°49	24° 1	25° 8	10°55	n.a.	W 3
T 4	12 6 2	3° 0'51	14°36	20° 9	10°52	5°31	27°56	11°50	13°27	11° 0	12°51	23°58	25° 5	11° 1	n.a.	T 4
F 5	12 9 58	3°58'34	26°30	21°52	12° 6	6°10	28° 6	11°58	13°26	11° 1	12°52	23°55	25° 2	11° 8	n.a.	F 5
S 6	12 13 55	4°56'16	8♓31	23°33	13°20	6°48	28°16	12° 5	13°24	11° 1	12°53	23°52	24°59	11°15	n.a.	S 6
S 7	12 17 51	5°53'57	20°39	25° 9	14°33	7°27	28°25	12°13	13°22	11° 2	12°55	23°49	24°56	11°22	n.a.	S 7
M 8	12 21 48	6°51'36	2♈57	26°43	15°47	8° 6	28°34	12°21	13°20	11° 3	12°56	23°47	24°53	11°28	n.a.	M 8
T 9	12 25 45	7°49'14	15°26	28°13	17° 1	8°44	28°43	12°29	13°18	11° 3	12°57	23°46	24°49	11°35	n.a.	T 9
W10	12 29 41	8°46'50	28° 8	29°39	18°14	9°23	28°52	12°37	13°17	11° 4	12°59	23°D46	24°46	11°42	n.a.	W10
T 11	12 33 38	9°44'25	11♉ 2	1♉ 2	19°28	10° 2	29° 1	12°45	13°15	11° 4	13° 0	23°47	24°43	11°49	n.a.	T 11
F 12	12 37 34	10°41'59	24°10	2°21	20°42	10°41	29°10	12°53	13°13	11° 4	13° 1	23°48	24°40	11°55	n.a.	F 12
S 13	12 41 31	11°39'31	7♊32	3°37	21°55	11°19	29°19	13° 1	13°11	11° 5	13° 2	23°49	24°37	12° 2	n.a.	S 13
S 14	12 45 27	12°37'01	21° 9	4°48	23° 9	11°58	29°27	13° 9	13° 9	11° 5	13° 4	23°50	24°33	12° 9	n.a.	S 14
M15	12 49 24	13°34'30	4♋59	5°56	24°23	12°36	29°35	13°17	13° 7	11° 5	13° 5	23°50	24°30	12°15	n.a.	M15
T 16	12 53 20	14°31'58	19° 4	7° 0	25°36	13°15	29°44	13°24	13° 5	11° 6	13° 6	23°R50	24°27	12°22	n.a.	T 16
W17	12 57 17	15°29'24	3♌20	8° 0	26°50	13°54	29°52	13°32	13° 3	11° 6	13° 7	23°50	24°24	12°29	n.a.	W17
T 18	13 1 14	16°26'48	17°46	8°57	28° 3	14°32	29°59	13°40	13° 1	11° 6	13° 9	23°49	24°21	12°36	n.a.	T 18
F 19	13 5 10	17°24'11	2♍18	9°49	29°17	15°11	0♒ 8	13°48	12°59	11° 6	13°10	23°49	24°18	12°42	n.a.	F 19
S 20	13 9 7	18°21'33	16°51	10°37	0♉30	15°49	0°15	13°56	12°57	11° 7	13°11	23°48	24°14	12°49	n.a.	S 20
S 21	13 13 3	19°18'53	1♎19	11°21	1°44	16°28	0°23	14° 4	12°54	11° 7	13°12	23°48	24°11	12°56	n.a.	S 21
M22	13 17 0	20°16'12	15°36	12° 0	2°57	17° 6	0°30	14°12	12°52	11° 7	13°13	23°47	24° 8	13° 2	n.a.	M22
T 23	13 20 56	21°13'30	29°38	12°35	4°11	17°45	0°37	14°20	12°50	11° 7	13°15	23°D47	24° 5	13° 9	n.a.	T 23
W24	13 24 53	22°10'47	13♏22	13° 6	5°24	18°23	0°44	14°28	12°48	11°R 7	13°16	23°47	24° 2	13°16	n.a.	W24
T 25	13 28 49	23° 8'04	26°44	13°32	6°38	19° 2	0°51	14°35	12°46	11° 7	13°17	23°48	23°59	13°23	n.a.	T 25
F 26	13 32 46	24° 5'19	9♐45	13°54	7°51	19°40	0°58	14°43	12°43	11° 7	13°18	23°R48	23°55	13°29	n.a.	F 26
S 27	13 36 43	25° 2'34	22°26	14°11	9° 5	20°18	1° 5	14°51	12°41	11° 7	13°19	23°47	23°52	13°36	n.a.	S 27
S 28	13 40 39	25°59'49	4♑49	14°24	10°18	20°57	1°11	14°59	12°39	11° 7	13°20	23°47	23°49	13°43	n.a.	S 28
M29	13 44 36	26°57'02	16°58	14°32	11°31	21°35	1°18	15° 7	12°36	11° 7	13°21	23°47	23°46	13°49	n.a.	M29
T 30	13 48 32	27♈54'15	28♑57	14°R35	12♉45	22♉14	1♒24	15♈15	12♏34	11♑ 6	13♓22	23°D47	23♈43	13♒56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 3	28s34	5s 3	7n19	1n34	2n13	0s45	13n29	0n37	21s51	0s51	2n33	2s14	15s56	0n14	23s25	0s 3	22s22	16s54	9n29	9n55	22s36		n.a.
T 2	0 26	27 20	5 13	8 11	1 43	2 44	0 43	13 43	0 37	21 49	0 51	2 36	2 14	15 55	0 14	23 25	0 3	22 21	16 54	9 29	9 54	22 34		n.a.
W 3	0 50	24 54	5 10	9 2	1 51	3 15	0 41	13 57	0 38	21 47	0 51	2 39	2 14	15 55	0 14	23 25	0 3	22 21	16 54	9 28	9 53	22 32		n.a.
T 4	1 13	21 24	4 54	9 50	1 59	3 47	0 39	14 10	0 38	21 45	0 52	2 42	2 14	15 54	0 14	23 25	0 3	22 20	16 54	9 27	9 52	22 30		n.a.
F 5	1 36	17 1	4 25	10 36	2 6	4 18	0 37	14 24	0 39	21 44	0 52	2 45	2 14	15 54	0 14	23 25	0 3	22 20	16 55	9 26	9 51	22 27		n.a.
S 6	2 0	11 58	3 44	11 20	2 12	4 49	0 34	14 37	0 39	21 42	0 52	2 48	2 14	15 53	0 14	23 25	0 3	22 19	16 55	9 24	9 50	22 25		n.a.
S 7	2 23	6 24	2 53	12 2	2 18	5 20	0 32	14 51	0 40	21 40	0 52	2 51	2 14	15 53	0 14	23 25	0 3	22 19	16 55	9 23	9 48	22 23		n.a.
M 8	2 46	0 31	1 52	12 41	2 23	5 51	0 30	15 4	0 40	21 38	0 53	2 55	2 14	15 52	0 14	23 25	0 3	22 19	16 55	9 23	9 47	22 21		n.a.
T 9	3 9	5n28	0 46	13 18	2 27	6 22	0 28	15 17	0 40	21 37	0 53	2 58	2 14	15 52	0 14	23 25	0 3	22 18	16 55	9 22	9 46	22 19		n.a.
W10	3 32	11 21	0n24	13 52	2 31	6 52	0 25	15 30	0 41	21 35	0 53	3 1	2 14	15 51	0 14	23 25	0 3	22 18	16 55	9 22	9 45	22 17		n.a.
T 11	3 55	16 52	1 34	14 24	2 33	7 23	0 23	15 43	0 41	21 34	0 53	3 4	2 14	15 51	0 14	23 25	0 3	22 17	16 55	9 23	9 44	22 14		n.a.
F 12	4 18	21 42	2 40	14 54	2 35	7 53	0 21	15 56	0 42	21 32	0 54	3 7	2 14	15 50	0 14	23 25	0 3	22 17	16 56	9 23	9 42	22 12		n.a.
S 13	4 41	25 31	3 39	15 22	2 36	8 23	0 19	16 8	0 42	21 30	0 54	3 10	2 14	15 49	0 14	23 25	0 3	22 17	16 56	9 23	9 41	22 10		n.a.
S 14	5 4	27 58	4 26	15 46	2 36	8 53	0 16	16 21	0 43	21 29	0 54	3 14	2 14	15 49	0 14	23 25	0 3	22 16	16 56	9 24	9 40	22 8		n.a.
M15	5 27	28 43	4 59	16 9	2 35	9 23	0 14	16 33	0 43	21 27	0 54	3 17	2 13	15 48	0 14	23 25	0 3	22 16	16 56	9 24	9 39	22 6		n.a.
T 16	5 49	27 39	5 15	16 29	2 33	9 53	0 11	16 46	0 43	21 26	0 55	3 20	2 13	15 48	0 14	23 25	0 3	22 16	16 56	9 24	9 38	22 3		n.a.
W17	6 12	24 47	5 12	16 47	2 31	10 22	0 9	16 58	0 44	21 24	0 55	3 23	2 13	15 47	0 14	23 25	0 3	22 15	16 56	9 24	9 36	22 1		n.a.
T 18	6 34	20 20	4 49	17 2	2 27	10 51	0 7	17 10	0 44	21 23	0 55	3 26	2 13	15 46	0 14	23 25	0 3	22 15	16 57	9 24	9 35	21 59		n.a.
F 19	6 56	14 40	4 8	17 15	2 23	11 20	0 4	17 22	0 45	21 21	0 55	3 29	2 13	15 46	0 14	23 25	0 3	22 15	16 57	9 23	9 34	21 57		n.a.
S 20	7 19	8 12	3 11	17 25	2 18	11 49	0 2	17 34	0 45	21 20	0 56	3 32	2 13	15 45	0 14	23 25	0 3	22 14	16 57	9 23	9 33	21 54		n.a.
S 21	7 41	1 19	2 1	17 33	2 11	12 17	0n 1	17 45	0 45	21 19	0 56	3 35	2 13	15 44	0 14	23 25	0 3	22 14	16 57	9 23	9 32	21 52		n.a.
M22	8 3	5s33	0 45	17 39	2 4	12 45	0 3	17 57	0 46	21 17	0 56	3 39	2 13	15 44	0 14	23 25	0 3	22 14	16 57	9 23	9 31	21 50		n.a.
T 23	8 25	12 2	0s32	17 43	1 56	13 12	0 6	18 8	0 46	21 16	0 56	3 42	2 13	15 43	0 14	23 25	0 3	22 13	16 57	9 23	9 29	21 48		n.a.
W24	8 46	17 48	1 46	17 44	1 47	13 40	0 8	18 20	0 47	21 15	0 57	3 45	2 13	15 42	0 14	23 25	0 3	22 13	16 58	9 23	9 28	21 45		n.a.
T 25	9 8	22 32	2 53	17 42	1 37	14 7	0 11	18 31	0 47	21 13	0 57	3 48	2 13	15 42	0 14	23 25	0 3	22 13	16 58	9 23	9 27	21 43		n.a.
F 26	9 30	26 2	3 48	17 39	1 27	14 34	0 13	18 42	0 47	21 12	0 57	3 51	2 13	15 41	0 14	23 25	0 3	22 13	16 58	9 23	9 26	21 41		n.a.
S 27	9 51	28 7	4 31	17 33	1 15	15 0	0 15	18 53	0 48	21 11	0 58	3 54	2 13	15 40	0 14	23 25	0 3	22 12	16 58	9 23	9 25	21 39		n.a.
S 28	10 12	28 44	5 0	17 25	1 3	15 26	0 18	19 4	0 48	21 10	0 58	3 57	2 13	15 40	0 14	23 25	0 3	22 12	16 59	9 23	9 23	21 36		n.a.
M29	10 33	27 56	5 15	17 15	0 49	15 52	0 20	19 14	0 49	21 8	0 58	4 0	2 13	15 39	0 14	23 25	0 3	22 12	16 59	9 23	9 22	21 34		n.a.
T 30	10n54	25s50	5s15	17n 2	0n35	16n17	0n23	19n25	0n49	21s 7	0s58	4n 3	2s13	15s38	0n14	23s25	0s 3	22s12	16s59	9n23	9n21	21s32		n.a.

Julian Day Number = 1311337.5, Delta T = 07h41m18s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'25, Lahiri = -19°27'25 Julian Calendar 1 Apr. 1123 BCE == Greg. Calendar 21 March 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

MAY 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 52 29	28♈51'28	10♒51	14°R34	13♉58	22♉52	1♒30	15♈22	12°R32	11°R 6	13♓23	23♈47	23♈39	14♒ 3	n.a.	W 1
T 2	13 56 25	29°48'40	22°44	14♉28	15°12	23°30	1°36	15°30	12♏29	11♑ 6	13°24	23°48	23°36	14°10	n.a.	T 2
F 3	14 0 22	0♉45'52	4♓40	14°19	16°25	24° 9	1°42	15°38	12°27	11° 6	13°25	23°48	23°33	14°16	n.a.	F 3
S 4	14 4 18	1°43'03	16°44	14° 5	17°38	24°47	1°47	15°46	12°25	11° 5	13°26	23°49	23°30	14°23	n.a.	S 4
S 5	14 8 15	2°40'13	28°59	13°47	18°52	25°26	1°53	15°53	12°22	11° 5	13°27	23°50	23°27	14°30	n.a.	S 5
M 6	14 12 12	3°37'24	11♈28	13°25	20° 5	26° 4	1°58	16° 1	12°20	11° 5	13°28	23°50	23°24	14°36	n.a.	M 6
T 7	14 16 8	4°34'33	24°13	13° 1	21°18	26°42	2° 3	16° 9	12°17	11° 4	13°29	23°R51	23°20	14°43	n.a.	T 7
W 8	14 20 5	5°31'43	7♉14	12°33	22°32	27°21	2° 8	16°16	12°15	11° 4	13°30	23°50	23°17	14°50	n.a.	W 8
T 9	14 24 1	6°28'51	20°31	12° 3	23°45	27°59	2°12	16°24	12°13	11° 3	13°31	23°49	23°14	14°57	n.a.	T 9
F 10	14 27 58	7°26'00	4♊ 4	11°32	24°58	28°37	2°17	16°31	12°10	11° 3	13°32	23°48	23°11	15° 3	n.a.	F 10
S 11	14 31 54	8°23'08	17°51	10°58	26°12	29°15	2°21	16°39	12° 8	11° 2	13°33	23°46	23° 8	15°10	n.a.	S 11
S 12	14 35 51	9°20'15	1♋48	10°24	27°25	29°54	2°25	16°47	12° 5	11° 2	13°34	23°44	23° 5	15°17	n.a.	S 12
M13	14 39 48	10°17'22	15°53	9°50	28°38	0♊32	2°30	16°54	12° 3	11° 1	13°35	23°43	23° 1	15°23	n.a.	M13
T 14	14 43 44	11°14'28	0♌ 4	9°16	29°51	1°10	2°33	17° 2	12° 0	11° 1	13°36	23°42	22°58	15°30	n.a.	T 14
W15	14 47 41	12°11'33	14°18	8°43	1♊ 4	1°48	2°37	17° 9	11°58	11° 0	13°36	23°D41	22°55	15°37	n.a.	W15
T 16	14 51 37	13° 8'38	28°31	8°11	2°18	2°27	2°40	17°16	11°55	11° 0	13°37	23°42	22°52	15°44	n.a.	T 16
F 17	14 55 34	14° 5'42	12♍43	7°42	3°31	3° 5	2°44	17°24	11°53	10°59	13°38	23°43	22°49	15°50	n.a.	F 17
S 18	14 59 30	15° 2'45	26°50	7°15	4°44	3°43	2°47	17°31	11°50	10°58	13°39	23°44	22°45	15°57	n.a.	S 18
S 19	15 3 27	15°59'48	10♎51	6°51	5°57	4°21	2°50	17°38	11°48	10°57	13°40	23°45	22°42	16° 4	n.a.	S 19
M20	15 7 23	16°56'51	24°42	6°30	7°10	5° 0	2°53	17°46	11°46	10°57	13°40	23°R46	22°39	16°10	n.a.	M20
T 21	15 11 20	17°53'54	8♏21	6°13	8°23	5°38	2°55	17°53	11°43	10°56	13°41	23°45	22°36	16°17	n.a.	T 21
W22	15 15 17	18°50'57	21°46	6° 0	9°36	6°16	2°58	18° 0	11°41	10°55	13°42	23°43	22°33	16°24	n.a.	W22
T 23	15 19 13	19°47'59	4♐55	5°52	10°50	6°54	3° 0	18° 7	11°38	10°54	13°42	23°40	22°30	16°31	n.a.	T 23
F 24	15 23 10	20°45'02	17°48	5°D48	12° 3	7°32	3° 2	18°14	11°36	10°53	13°43	23°36	22°26	16°37	n.a.	F 24
S 25	15 27 6	21°42'05	0♑25	5°49	13°16	8°11	3° 4	18°22	11°34	10°52	13°44	23°32	22°23	16°44	n.a.	S 25
S 26	15 31 3	22°39'08	12°46	5°55	14°29	8°49	3° 5	18°29	11°31	10°51	13°44	23°27	22°20	16°51	n.a.	S 26
M27	15 34 59	23°36'12	24°55	6° 6	15°42	9°27	3° 7	18°36	11°29	10°50	13°45	23°24	22°17	16°57	n.a.	M27
T 28	15 38 56	24°33'16	6♒54	6°22	16°55	10° 5	3° 8	18°43	11°26	10°49	13°46	23°21	22°14	17° 4	n.a.	T 28
W29	15 42 53	25°30'20	18°47	6°43	18° 8	10°43	3° 9	18°49	11°24	10°48	13°46	23°19	22°11	17°11	n.a.	W29
T 30	15 46 49	26°27'25	0♓40	7° 8	19°21	11°21	3°10	18°56	11°22	10°47	13°47	23°D19	22° 7	17°18	n.a.	T 30
F 31	15 50 46	27♉24'30	12♓36	7♉39	20♊34	11♊59	3♒11	19♈ 3	11♏19	10♑46	13♓47	23♈20	22♈ 4	17♒24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11n15	22s38	5s 3	16n48	0n21	16n42	0n25	19n35	0n49	21s 6	0s59	4n 6	2s13	15s37	0n14	23s25	0s 3	22s12	16s59	9n23	9n20	21s29			n.a.
T 2	11 35	18 31	4 37	16 32	0 5	17 6	0 28	19 45	0 50	21 5	0 59	4 9	2 13	15 37	0 14	23 25	0 3	22 11	17 0	9 23	9 19	21 27			n.a.
F 3	11 56	13 40	4 0	16 14	0s10	17 30	0 30	19 55	0 50	21 4	0 59	4 12	2 13	15 36	0 14	23 25	0 4	22 11	17 0	9 23	9 17	21 25			n.a.
S 4	12 16	8 15	3 11	15 54	0 27	17 53	0 33	20 5	0 50	21 3	1 0	4 15	2 14	15 35	0 14	23 25	0 4	22 11	17 0	9 23	9 16	21 22			n.a.
S 5	12 36	2 26	2 13	15 33	0 43	18 16	0 35	20 15	0 51	21 2	1 0	4 18	2 14	15 35	0 14	23 25	0 4	22 11	17 0	9 24	9 15	21 20			n.a.
M 6	12 56	3n34	1 8	15 10	1 0	18 39	0 37	20 25	0 51	21 1	1 0	4 21	2 14	15 34	0 14	23 25	0 4	22 11	17 1	9 24	9 14	21 18			n.a.
T 7	13 15	9 34	0n 2	14 47	1 17	19 1	0 40	20 34	0 51	21 0	1 0	4 24	2 14	15 33	0 14	23 25	0 4	22 11	17 1	9 24	9 13	21 15			n.a.
W 8	13 35	15 18	1 13	14 23	1 33	19 23	0 42	20 44	0 52	21 0	1 1	4 27	2 14	15 32	0 14	23 25	0 4	22 10	17 1	9 24	9 11	21 13			n.a.
T 9	13 54	20 27	2 22	13 58	1 50	19 44	0 44	20 53	0 52	20 59	1 1	4 30	2 14	15 32	0 14	23 25	0 4	22 10	17 1	9 24	9 10	21 11			n.a.
F 10	14 13	24 39	3 24	13 32	2 6	20 4	0 47	21 2	0 52	20 58	1 1	4 33	2 14	15 31	0 14	23 25	0 4	22 10	17 2	9 23	9 9	21 8			n.a.
S 11	14 32	27 30	4 16	13 7	2 22	20 24	0 49	21 11	0 53	20 57	1 2	4 36	2 14	15 30	0 14	23 25	0 4	22 10	17 2	9 22	9 8	21 6			n.a.
S 12	14 50	28 42	4 53	12 42	2 37	20 44	0 51	21 19	0 53	20 57	1 2	4 38	2 14	15 29	0 14	23 25	0 4	22 10	17 2	9 22	9 7	21 4			n.a.
M13	15 9	28 2	5 12	12 18	2 51	21 3	0 53	21 28	0 53	20 56	1 2	4 41	2 14	15 29	0 14	23 26	0 4	22 10	17 2	9 21	9 6	21 1			n.a.
T 14	15 27	25 34	5 13	11 55	3 4	21 21	0 55	21 36	0 54	20 55	1 3	4 44	2 14	15 28	0 14	23 26	0 4	22 10	17 3	9 21	9 4	20 59			n.a.
W15	15 45	21 30	4 55	11 32	3 16	21 39	0 58	21 45	0 54	20 55	1 3	4 47	2 14	15 27	0 14	23 26	0 4	22 10	17 3	9 21	9 3	20 56			n.a.
T 16	16 2	16 13	4 19	11 12	3 27	21 56	1 0	21 53	0 54	20 54	1 3	4 50	2 14	15 26	0 14	23 26	0 4	22 10	17 3	9 21	9 2	20 54			n.a.
F 17	16 20	10 4	3 27	10 53	3 37	22 13	1 2	22 1	0 55	20 54	1 3	4 53	2 14	15 26	0 14	23 26	0 4	22 10	17 4	9 21	9 1	20 52			n.a.
S 18	16 37	3 27	2 23	10 36	3 46	22 29	1 4	22 8	0 55	20 54	1 4	4 55	2 14	15 25	0 14	23 26	0 4	22 10	17 4	9 22	9 0	20 49			n.a.
S 19	16 54	3s17	1 10	10 22	3 53	22 44	1 6	22 16	0 55	20 53	1 4	4 58	2 14	15 24	0 14	23 26	0 4	22 10	17 4	9 22	8 58	20 47			n.a.
M20	17 10	9 48	0s 5	10 9	3 58	22 59	1 8	22 23	0 56	20 53	1 4	5 1	2 14	15 23	0 14	23 26	0 4	22 10	17 5	9 22	8 57	20 44			n.a.
T 21	17 27	15 46	1 19	10 0	4 3	23 13	1 10	22 31	0 56	20 52	1 5	5 4	2 14	15 23	0 14	23 26	0 4	22 10	17 5	9 22	8 56	20 42			n.a.
W22	17 43	20 53	2 28	9 53	4 6	23 26	1 11	22 38	0 56	20 52	1 5	5 6	2 15	15 22	0 14	23 26	0 4	22 10	17 5	9 21	8 55	20 39			n.a.
T 23	17 58	24 51	3 27	9 48	4 8	23 39	1 13	22 45	0 56	20 52	1 5	5 9	2 15	15 21	0 14	23 26	0 4	22 10	17 5	9 20	8 54	20 37			n.a.
F 24	18 14	27 28	4 14	9 47	4 8	23 51	1 15	22 51	0 57	20 52	1 6	5 12	2 15	15 20	0 14	23 26	0 4	22 10	17 6	9 19	8 52	20 35			n.a.
S 25	18 29	28 37	4 47	9 48	4 7	24 2	1 17	22 58	0 57	20 52	1 6	5 14	2 15	15 20	0 14	23 26	0 4	22 10	17 6	9 17	8 51	20 32			n.a.
S 26	18 44	28 18	5 7	9 52	4 5	24 13	1 18	23 4	0 57	20 52	1 6	5 17	2 15	15 19	0 14	23 27	0 4	22 10	17 6	9 15	8 50	20 30			n.a.
M27	18 59	26 37	5 12	9 58	4 2	24 23	1 20	23 11	0 58	20 52	1 7	5 20	2 15	15 18	0 14	23 27	0 4	22 10	17 7	9 14	8 49	20 27			n.a.
T 28	19 13	23 44	5 4	10 7	3 58	24 32	1 22	23 17	0 58	20 52	1 7	5 22	2 15	15 17	0 14	23 27	0 4	22 10	17 7	9 13	8 48	20 25			n.a.
W29	19 27	19 54	4 42	10 19	3 52	24 40	1 23	23 23	0 58	20 52	1 7	5 25	2 15	15 17	0 14	23 27	0 4	22 10	17 7	9 12	8 46	20 22			n.a.
T 30	19 41	15 17	4 9	10 34	3 46	24 48	1 25	23 28	0 58	20 52	1 8	5 27	2 15	15 16	0 14	23 27	0 4	22 10	17 8	9 12	8 45	20 20			n.a.
F 31	19n54	10s 4	3s24	10n50	3s39	24n55	1n26	23n34	0n59	20s52	1s 8	5n30	2s15	15s15	0n14	23s27	0s 4	22s10	17s 8	9n13	8n44	20s17			n.a.

Julian Day Number = 1311367.5, Delta T = 07h41m17s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'21, Lahiri = -19°27'21 Julian Calendar 1 May 1123 BCE == Greg. Calendar 20 Apr. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

JUNE 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 42	28♉21'36	24♓41	8♉15	21♊47	12♊38	3♒11	19♈10	11°R17	10°R45	13♓48	23♈22	22♈ 1	17♒31	n.a.	S 1
S 2	15 58 39	29°18'42	7♈ 0	8°56	23° 0	13°16	3°11	19°17	11♏15	10♑44	13°48	23°23	21°58	17°38	n.a.	S 2
M 3	16 2 35	0♊15'49	19°35	9°42	24°13	13°54	3°R11	19°23	11°12	10°43	13°49	23°R24	21°55	17°44	n.a.	M 3
T 4	16 6 32	1°12'56	2♉31	10°33	25°25	14°32	3°11	19°30	11°10	10°42	13°49	23°24	21°51	17°51	n.a.	T 4
W 5	16 10 28	2°10'04	15°48	11°28	26°38	15°10	3°11	19°36	11° 8	10°41	13°50	23°22	21°48	17°58	n.a.	W 5
T 6	16 14 25	3° 7'13	29°27	12°28	27°51	15°48	3°11	19°43	11° 6	10°40	13°50	23°18	21°45	18° 4	n.a.	T 6
F 7	16 18 22	4° 4'22	13♊26	13°33	29° 4	16°27	3°10	19°49	11° 4	10°38	13°50	23°13	21°42	18°11	n.a.	F 7
S 8	16 22 18	5° 1'32	27°40	14°42	0♋17	17° 5	3° 9	19°56	11° 1	10°37	13°51	23° 7	21°39	18°18	n.a.	S 8
S 9	16 26 15	5°58'42	12♋ 4	15°56	1°30	17°43	3° 8	20° 2	10°59	10°36	13°51	23° 0	21°36	18°25	n.a.	S 9
M10	16 30 11	6°55'52	26°32	17°15	2°43	18°21	3° 7	20° 8	10°57	10°35	13°51	22°55	21°32	18°31	n.a.	M10
T 11	16 34 8	7°53'03	10♌59	18°38	3°55	18°59	3° 5	20°15	10°55	10°33	13°52	22°50	21°29	18°38	n.a.	T 11
W12	16 38 4	8°50'14	25°20	20° 5	5° 8	19°37	3° 3	20°21	10°53	10°32	13°52	22°48	21°26	18°45	n.a.	W12
T 13	16 42 1	9°47'26	9♍32	21°36	6°21	20°15	3° 2	20°27	10°51	10°31	13°52	22°D47	21°23	18°51	n.a.	T 13
F 14	16 45 58	10°44'38	23°33	23°11	7°34	20°53	3° 0	20°33	10°49	10°29	13°53	22°47	21°20	18°58	n.a.	F 14
S 15	16 49 54	11°41'50	7♎22	24°50	8°46	21°32	2°57	20°39	10°47	10°28	13°53	22°48	21°16	19° 5	n.a.	S 15
S 16	16 53 51	12°39'03	21° 0	26°33	9°59	22°10	2°55	20°45	10°45	10°26	13°53	22°R49	21°13	19°12	n.a.	S 16
M17	16 57 47	13°36'16	4♏27	28°19	11°12	22°48	2°52	20°51	10°43	10°25	13°53	22°49	21°10	19°18	n.a.	M17
T 18	17 1 44	14°33'30	17°42	0♐ 8	12°24	23°26	2°49	20°56	10°41	10°24	13°53	22°46	21° 7	19°25	n.a.	T 18
W19	17 5 40	15°30'45	0♑45	2° 1	13°37	24° 4	2°47	21° 2	10°39	10°22	13°53	22°41	21° 4	19°32	n.a.	W19
T 20	17 9 37	16°28'01	13°36	3°56	14°50	24°42	2°43	21° 8	10°37	10°21	13°54	22°34	21° 1	19°38	n.a.	T 20
F 21	17 13 33	17°25'17	26°15	5°53	16° 2	25°20	2°40	21°13	10°36	10°19	13°54	22°25	20°57	19°45	n.a.	F 21
S 22	17 17 30	18°22'35	8♑42	7°53	17°15	25°59	2°36	21°19	10°34	10°18	13°54	22°15	20°54	19°52	n.a.	S 22
S 23	17 21 27	19°19'54	20°57	9°54	18°27	26°37	2°33	21°24	10°32	10°16	13°54	22° 5	20°51	19°59	n.a.	S 23
M24	17 25 23	20°17'14	3♒ 1	11°57	19°40	27°15	2°29	21°30	10°30	10°15	13°54	21°56	20°48	20° 5	n.a.	M24
T 25	17 29 20	21°14'35	14°58	14° 1	20°52	27°53	2°25	21°35	10°29	10°13	13°R54	21°48	20°45	20°12	n.a.	T 25
W26	17 33 16	22°11'58	26°50	16° 5	22° 4	28°31	2°21	21°40	10°27	10°12	13°54	21°43	20°42	20°19	n.a.	W26
T 27	17 37 13	23° 9'21	8♓40	18°10	23°17	29° 9	2°16	21°45	10°26	10°10	13°54	21°39	20°38	20°25	n.a.	T 27
F 28	17 41 9	24° 6'47	20°35	20°15	24°29	29°47	2°12	21°50	10°24	10° 9	13°54	21°D38	20°35	20°32	n.a.	F 28
S 29	17 45 6	25° 4'13	2♈38	22°20	25°42	0♋26	2° 7	21°55	10°22	10° 7	13°54	21°38	20°32	20°39	n.a.	S 29
S 30	17 49 3	26♊ 1'41	14♈56	24♊24	26♋54	1♋ 4	2♒ 2	22♈ 0	10♏21	10♑ 6	13♓53	21♈39	20♈29	20♒45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 7	4s26	2s30	11n10	3s31	25n 2	1n27	23n39	0n59	20s52	1s 8	5n32	2s16	15s14	0n14	23s27	0s 4	22s10	17s 8	9n13	8n43	20s15		n.a.
S 2	20 20	1n28	1 28	11 31	3 22	25 7	1 29	23 45	0 59	20 52	1 9	5 35	2 16	15 14	0 14	23 27	0 4	22 10	17 9	9 14	8 41	20 12		n.a.
M 3	20 32	7 28	0 21	11 54	3 13	25 12	1 30	23 50	1 0	20 53	1 9	5 37	2 16	15 13	0 14	23 27	0 4	22 10	17 9	9 14	8 40	20 10		n.a.
T 4	20 44	13 19	0n49	12 20	3 3	25 16	1 31	23 54	1 0	20 53	1 9	5 40	2 16	15 12	0 14	23 27	0 4	22 10	17 9	9 14	8 39	20 7		n.a.
W 5	20 56	18 44	1 59	12 47	2 52	25 19	1 32	23 59	1 0	20 53	1 10	5 42	2 16	15 12	0 14	23 28	0 4	22 11	17 10	9 13	8 38	20 5		n.a.
T 6	21 7	23 20	3 3	13 16	2 41	25 22	1 33	24 4	1 0	20 54	1 10	5 44	2 16	15 11	0 14	23 28	0 4	22 11	17 10	9 12	8 37	20 2		n.a.
F 7	21 18	26 43	3 58	13 47	2 30	25 24	1 34	24 8	1 1	20 54	1 10	5 47	2 16	15 10	0 14	23 28	0 4	22 11	17 10	9 10	8 35	20 0		n.a.
S 8	21 29	28 27	4 39	14 19	2 18	25 25	1 35	24 12	1 1	20 55	1 10	5 49	2 16	15 10	0 14	23 28	0 4	22 11	17 11	9 8	8 34	19 57		n.a.
S 9	21 39	28 18	5 3	14 53	2 6	25 25	1 36	24 16	1 1	20 55	1 11	5 51	2 17	15 9	0 14	23 28	0 4	22 11	17 11	9 5	8 33	19 55		n.a.
M10	21 49	26 13	5 8	15 27	1 53	25 25	1 37	24 20	1 1	20 56	1 11	5 54	2 17	15 8	0 14	23 28	0 4	22 11	17 11	9 3	8 32	19 52		n.a.
T 11	21 59	22 27	4 53	16 3	1 40	25 24	1 38	24 23	1 1	20 57	1 11	5 56	2 17	15 8	0 14	23 28	0 4	22 12	17 12	9 1	8 31	19 50		n.a.
W12	22 8	17 22	4 20	16 39	1 27	25 22	1 38	24 27	1 2	20 57	1 12	5 58	2 17	15 7	0 14	23 28	0 4	22 12	17 12	9 0	8 29	19 47		n.a.
T 13	22 17	11 23	3 32	17 16	1 14	25 19	1 39	24 30	1 2	20 58	1 12	6 0	2 17	15 6	0 14	23 29	0 4	22 12	17 13	9 0	8 28	19 45		n.a.
F 14	22 25	4 54	2 31	17 53	1 1	25 16	1 39	24 33	1 2	20 59	1 12	6 2	2 17	15 6	0 14	23 29	0 4	22 12	17 13	9 0	8 27	19 42		n.a.
S 15	22 33	1s43	1 22	18 30	0 48	25 12	1 40	24 36	1 2	21 0	1 13	6 4	2 17	15 5	0 14	23 29	0 4	22 12	17 13	9 1	8 26	19 40		n.a.
S 16	22 41	8 11	0 10	19 7	0 36	25 7	1 40	24 38	1 3	21 1	1 13	6 7	2 18	15 5	0 14	23 29	0 4	22 13	17 14	9 1	8 25	19 37		n.a.
M17	22 48	14 11	1s 2	19 44	0 23	25 1	1 40	24 41	1 3	21 2	1 13	6 9	2 18	15 4	0 14	23 29	0 4	22 13	17 14	9 1	8 23	19 34		n.a.
T 18	22 55	19 27	2 10	20 20	0 11	24 55	1 41	24 43	1 3	21 2	1 14	6 11	2 18	15 3	0 14	23 29	0 4	22 13	17 14	9 0	8 22	19 32		n.a.
W19	23 2	23 43	3 9	20 55	0n 1	24 47	1 41	24 45	1 3	21 3	1 14	6 13	2 18	15 3	0 14	23 29	0 4	22 13	17 15	8 58	8 21	19 29		n.a.
T 20	23 8	26 44	3 58	21 29	0 13	24 40	1 41	24 47	1 3	21 5	1 14	6 15	2 18	15 2	0 14	23 29	0 4	22 14	17 15	8 55	8 20	19 27		n.a.
F 21	23 13	28 20	4 34	22 2	0 24	24 31	1 41	24 48	1 4	21 6	1 15	6 17	2 18	15 2	0 14	23 30	0 4	22 14	17 15	8 52	8 19	19 24		n.a.
S 22	23 19	28 28	4 56	22 33	0 34	24 22	1 41	24 50	1 4	21 7	1 15	6 19	2 18	15 1	0 14	23 30	0 4	22 14	17 16	8 48	8 17	19 22		n.a.
S 23	23 24	27 11	5 4	23 2	0 44	24 12	1 40	24 51	1 4	21 8	1 15	6 21	2 19	15 1	0 14	23 30	0 4	22 15	17 16	8 44	8 16	19 19		n.a.
M24	23 28	24 38	4 59	23 29	0 54	24 1	1 40	24 52	1 4	21 9	1 15	6 22	2 19	15 0	0 14	23 30	0 4	22 15	17 16	8 41	8 15	19 16		n.a.
T 25	23 32	21 4	4 40	23 53	1 2	23 49	1 40	24 53	1 4	21 10	1 16	6 24	2 19	15 0	0 13	23 30	0 4	22 15	17 17	8 38	8 14	19 14		n.a.
W26	23 36	16 40	4 10	24 15	1 10	23 37	1 39	24 54	1 5	21 12	1 16	6 26	2 19	14 59	0 13	23 30	0 4	22 16	17 17	8 36	8 12	19 11		n.a.
T 27	23 39	11 40	3 28	24 35	1 17	23 25	1 39	24 55	1 5	21 13	1 16	6 28	2 19	14 59	0 13	23 30	0 4	22 16	17 17	8 35	8 11	19 9		n.a.
F 28	23 42	6 12	2 38	24 51	1 24	23 11	1 38	24 55	1 5	21 14	1 17	6 30	2 20	14 58	0 13	23 30	0 4	22 16	17 18	8 34	8 10	19 6		n.a.
S 29	23 44	0 27	1 40	25 5	1 29	22 57	1 38	24 55	1 5	21 16	1 17	6 31	2 20	14 58	0 13	23 31	0 4	22 17	17 18	8 34	8 9	19 3		n.a.
S 30	23n46	5n26	0s36	25n17	1n34	22n42	1n37	24n55	1n 5	21s17	1s17	6n33	2s20	14s57	0n13	23s31	0s 4	22s17	17s19	8n34	8n 8	19s 1		n.a.

Julian Day Number = 1311398.5, Delta T = 07h41m15s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'17, Lahiri = -19°27'17 Julian Calendar 1 June 1123 BCE == Greg. Calendar 21 May 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

JULY 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 52 59	26♊59'11	27♈32	26♊28	28♋ 6	1♋42	1°R57	22♈ 5	10°R20	10°R 4	13°R53	21°R39	20♈26	20♒52	n.a.	M 1
T 2	17 56 56	27°56'42	10♉32	28°31	29°19	2°20	1♒52	22°10	10♏18	10♑ 2	13♓53	21♈37	20°22	20°59	n.a.	T 2
W 3	18 0 52	28°54'15	23°58	0♋33	0♌31	2°58	1°46	22°15	10°17	10° 1	13°53	21°34	20°19	21° 6	n.a.	W 3
T 4	18 4 49	29°51'49	7♊50	2°35	1°43	3°36	1°41	22°19	10°16	9°59	13°53	21°27	20°16	21°12	n.a.	T 4
F 5	18 8 45	0♋49'25	22° 7	4°35	2°55	4°15	1°35	22°24	10°14	9°58	13°53	21°19	20°13	21°19	n.a.	F 5
S 6	18 12 42	1°47'02	6♋44	6°33	4° 7	4°53	1°29	22°28	10°13	9°56	13°52	21° 9	20°10	21°26	n.a.	S 6
S 7	18 16 38	2°44'41	21°34	8°31	5°20	5°31	1°23	22°32	10°12	9°54	13°52	20°58	20° 7	21°32	n.a.	S 7
M 8	18 20 35	3°42'21	6♌28	10°27	6°32	6° 9	1°17	22°37	10°11	9°53	13°52	20°49	20° 3	21°39	n.a.	M 8
T 9	18 24 32	4°40'02	21°16	12°22	7°44	6°48	1°11	22°41	10°10	9°51	13°52	20°41	20° 0	21°46	n.a.	T 9
W10	18 28 28	5°37'44	5♍53	14°15	8°56	7°26	1° 5	22°45	10° 9	9°49	13°51	20°36	19°57	21°53	n.a.	W10
T 11	18 32 25	6°35'28	20°13	16° 7	10° 8	8° 4	0°58	22°49	10° 8	9°48	13°51	20°33	19°54	21°59	n.a.	T 11
F 12	18 36 21	7°33'13	4♎15	17°58	11°20	8°42	0°51	22°53	10° 7	9°46	13°51	20°D32	19°51	22° 6	n.a.	F 12
S 13	18 40 18	8°30'59	17°57	19°47	12°32	9°20	0°45	22°57	10° 6	9°45	13°50	20°R32	19°48	22°13	n.a.	S 13
S 14	18 44 14	9°28'46	1♏23	21°35	13°44	9°59	0°38	23° 0	10° 5	9°43	13°50	20°32	19°44	22°19	n.a.	S 14
M15	18 48 11	10°26'35	14°32	23°22	14°55	10°37	0°31	23° 4	10° 4	9°41	13°50	20°30	19°41	22°26	n.a.	M15
T 16	18 52 7	11°24'25	27°28	25° 7	16° 7	11°15	0°24	23° 7	10° 3	9°40	13°49	20°26	19°38	22°33	n.a.	T 16
W17	18 56 4	12°22'17	10♐12	26°50	17°19	11°54	0°17	23°11	10° 3	9°38	13°49	20°19	19°35	22°39	n.a.	W17
T 18	19 0 1	13°20'10	22°45	28°33	18°31	12°32	0° 9	23°14	10° 2	9°36	13°48	20° 9	19°32	22°46	n.a.	T 18
F 19	19 3 57	14°18'05	5♑ 9	0♌14	19°42	13°10	0° 2	23°17	10° 1	9°35	13°48	19°57	19°28	22°53	n.a.	F 19
S 20	19 7 54	15°16'01	17°23	1°53	20°54	13°48	29♑55	23°20	10° 1	9°33	13°47	19°43	19°25	23° 0	n.a.	S 20
S 21	19 11 50	16°13'59	29°30	3°32	22° 5	14°27	29°47	23°24	10° 0	9°32	13°47	19°30	19°22	23° 6	n.a.	S 21
M22	19 15 47	17°12'00	11♒28	5° 9	23°17	15° 5	29°40	23°26	10° 0	9°30	13°46	19°17	19°19	23°13	n.a.	M22
T 23	19 19 43	18°10'01	23°21	6°45	24°29	15°43	29°32	23°29	9°59	9°28	13°46	19° 6	19°16	23°20	n.a.	T 23
W24	19 23 40	19° 8'05	5♓11	8°19	25°40	16°22	29°24	23°32	9°59	9°27	13°45	18°58	19°13	23°26	n.a.	W24
T 25	19 27 36	20° 6'11	17° 0	9°52	26°51	17° 0	29°17	23°35	9°59	9°25	13°44	18°52	19° 9	23°33	n.a.	T 25
F 26	19 31 33	21° 4'19	28°53	11°24	28° 3	17°38	29° 9	23°37	9°58	9°23	13°44	18°49	19° 6	23°40	n.a.	F 26
S 27	19 35 30	22° 2'29	10♈54	12°55	29°14	18°17	29° 1	23°40	9°58	9°22	13°43	18°48	19° 3	23°46	n.a.	S 27
S 28	19 39 26	23° 0'41	23° 9	14°24	0♍25	18°55	28°53	23°42	9°58	9°20	13°42	18°48	19° 0	23°53	n.a.	S 28
M29	19 43 23	23°58'56	5♉42	15°52	1°36	19°34	28°45	23°44	9°58	9°19	13°42	18°48	18°57	24° 0	n.a.	M29
T 30	19 47 19	24°57'12	18°40	17°19	2°48	20°12	28°37	23°46	9°58	9°17	13°41	18°46	18°54	24° 7	n.a.	T 30
W31	19 51 16	25♋55'31	2♊ 4	18♌44	3♍59	20♋50	28♑30	23♈48	9°D58	9♑16	13♓40	18♈42	18♈50	24♒13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n48	11n15	0n31	25n25	1n38	22n27	1n36	24n55	1n 6	21s18	1s18	6n35	2s20	14s57	0n13	23s31	0s 4	22s17	17s19	8n34	8n 6	18s58			n.a.
T 2	23 49	16 47	1 39	25 31	1 42	22 11	1 35	24 54	1 6	21 20	1 18	6 36	2 20	14 56	0 13	23 31	0 4	22 18	17 19	8 34	8 5	18 55			n.a.
W 3	23 50	21 42	2 43	25 34	1 44	21 54	1 34	24 54	1 6	21 21	1 18	6 38	2 20	14 56	0 13	23 31	0 4	22 18	17 20	8 32	8 4	18 53			n.a.
T 4	23 50	25 35	3 39	25 35	1 47	21 37	1 33	24 53	1 6	21 23	1 18	6 39	2 21	14 56	0 13	23 31	0 4	22 18	17 20	8 30	8 3	18 50			n.a.
F 5	23 50	27 59	4 24	25 33	1 48	21 19	1 32	24 52	1 6	21 24	1 19	6 41	2 21	14 55	0 13	23 31	0 4	22 19	17 20	8 27	8 2	18 47			n.a.
S 6	23 49	28 31	4 52	25 28	1 49	21 1	1 31	24 51	1 6	21 26	1 19	6 42	2 21	14 55	0 13	23 32	0 4	22 19	17 21	8 23	8 0	18 45			n.a.
S 7	23 48	27 2	5 2	25 22	1 49	20 42	1 30	24 49	1 7	21 28	1 19	6 44	2 21	14 54	0 13	23 32	0 4	22 20	17 21	8 19	7 59	18 42			n.a.
M 8	23 47	23 38	4 51	25 12	1 48	20 22	1 28	24 48	1 7	21 29	1 19	6 45	2 21	14 54	0 13	23 32	0 4	22 20	17 21	8 15	7 58	18 39			n.a.
T 9	23 45	18 44	4 20	25 1	1 47	20 2	1 27	24 46	1 7	21 31	1 20	6 47	2 22	14 54	0 13	23 32	0 4	22 21	17 22	8 12	7 57	18 37			n.a.
W10	23 43	12 47	3 33	24 48	1 45	19 41	1 25	24 44	1 7	21 33	1 20	6 48	2 22	14 53	0 13	23 32	0 5	22 21	17 22	8 10	7 55	18 34			n.a.
T 11	23 40	6 16	2 33	24 33	1 43	19 20	1 24	24 42	1 7	21 34	1 20	6 49	2 22	14 53	0 13	23 32	0 5	22 21	17 22	8 9	7 54	18 31			n.a.
F 12	23 37	0s25	1 25	24 16	1 41	18 58	1 22	24 40	1 7	21 36	1 20	6 50	2 22	14 53	0 13	23 32	0 5	22 22	17 23	8 9	7 53	18 29			n.a.
S 13	23 33	6 57	0 14	23 57	1 38	18 36	1 20	24 37	1 8	21 38	1 21	6 52	2 23	14 53	0 13	23 33	0 5	22 22	17 23	8 9	7 52	18 26			n.a.
S 14	23 29	13 2	0s57	23 37	1 34	18 13	1 18	24 34	1 8	21 39	1 21	6 53	2 23	14 52	0 13	23 33	0 5	22 23	17 23	8 9	7 51	18 23			n.a.
M15	23 25	18 25	2 3	23 15	1 30	17 50	1 16	24 32	1 8	21 41	1 21	6 54	2 23	14 52	0 13	23 33	0 5	22 23	17 24	8 8	7 49	18 21			n.a.
T 16	23 20	22 52	3 2	22 52	1 26	17 27	1 14	24 28	1 8	21 43	1 21	6 55	2 23	14 52	0 13	23 33	0 5	22 24	17 24	8 7	7 48	18 18			n.a.
W17	23 15	26 8	3 50	22 27	1 21	17 2	1 12	24 25	1 8	21 45	1 21	6 56	2 23	14 52	0 13	23 33	0 5	22 24	17 24	8 4	7 47	18 15			n.a.
T 18	23 9	28 4	4 27	22 2	1 16	16 38	1 10	24 22	1 8	21 47	1 22	6 57	2 24	14 51	0 13	23 33	0 5	22 25	17 25	8 0	7 46	18 12			n.a.
F 19	23 3	28 33	4 50	21 35	1 11	16 13	1 8	24 18	1 8	21 48	1 22	6 58	2 24	14 51	0 13	23 33	0 5	22 25	17 25	7 55	7 44	18 10			n.a.
S 20	22 56	27 37	4 59	21 7	1 5	15 48	1 5	24 14	1 9	21 50	1 22	6 59	2 24	14 51	0 13	23 33	0 5	22 26	17 25	7 50	7 43	18 7			n.a.
S 21	22 50	25 23	4 55	20 38	0 59	15 22	1 3	24 10	1 9	21 52	1 22	7 0	2 24	14 51	0 13	23 34	0 5	22 26	17 25	7 45	7 42	18 4			n.a.
M22	22 42	22 4	4 38	20 9	0 53	14 56	1 1	24 6	1 9	21 54	1 22	7 1	2 24	14 51	0 13	23 34	0 5	22 26	17 26	7 40	7 41	18 2			n.a.
T 23	22 34	17 51	4 8	19 38	0 46	14 29	0 58	24 2	1 9	21 56	1 23	7 2	2 25	14 51	0 13	23 34	0 5	22 27	17 26	7 36	7 40	17 59			n.a.
W24	22 26	12 59	3 29	19 7	0 39	14 2	0 55	23 57	1 9	21 57	1 23	7 3	2 25	14 51	0 13	23 34	0 5	22 27	17 26	7 33	7 38	17 56			n.a.
T 25	22 18	7 39	2 40	18 35	0 32	13 35	0 53	23 52	1 9	21 59	1 23	7 3	2 25	14 51	0 13	23 34	0 5	22 28	17 27	7 31	7 37	17 53			n.a.
F 26	22 9	2 1	1 43	18 3	0 25	13 8	0 50	23 47	1 9	22 1	1 23	7 4	2 25	14 50	0 13	23 34	0 5	22 29	17 27	7 29	7 36	17 51			n.a.
S 27	22 0	3n45	0 42	17 30	0 18	12 40	0 47	23 42	1 9	22 3	1 23	7 5	2 26	14 50	0 13	23 34	0 5	22 29	17 27	7 29	7 35	17 48			n.a.
S 28	21 50	9 30	0n23	16 57	0 10	12 12	0 44	23 37	1 9	22 5	1 23	7 5	2 26	14 50	0 13	23 34	0 5	22 30	17 27	7 29	7 33	17 45			n.a.
M29	21 40	15 1	1 28	16 23	0 3	11 43	0 41	23 32	1 10	22 6	1 24	7 6	2 26	14 50	0 13	23 35	0 5	22 30	17 28	7 29	7 32	17 42			n.a.
T 30	21 29	20 4	2 31	15 49	0s 5	11 14	0 38	23 26	1 10	22 8	1 24	7 7	2 26	14 50	0 13	23 35	0 5	22 31	17 28	7 28	7 31	17 39			n.a.
W31	21n18	24n18	3n27	15n15	0s13	10n45	0n35	23n20	1n10	22s10	1s24	7n 7	2s27	14s50	0n13	23s35	0s 5	22s31	17s28	7n27	7n30	17s37			n.a.

Julian Day Number = 1311428.5, Delta T = 07h41m13s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'13, Lahiri = -19°27'13 Julian Calendar 1 July 1123 BCE == Greg. Calendar 20 June 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

AUGUST 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 12	26♋53'52	15♊59	20♌ 8	5♍10	21♋29	28°R22	23♈50	9♏58	9°R14	13°R40	18°R36	18♈47	24♒20	n.a.	T 1
F 2	19 59 9	27°52'16	0♋22	21°31	6°21	22° 7	28♑14	23°52	9°58	9♑12	13♓39	18♈27	18°44	24°27	n.a.	F 2
S 3	20 3 5	28°50'41	15°10	22°52	7°32	22°46	28° 6	23°54	9°58	9°11	13°38	18°17	18°41	24°33	n.a.	S 3
S 4	20 7 2	29°49'09	0♌15	24°12	8°43	23°24	27°58	23°55	9°58	9° 9	13°37	18° 6	18°38	24°40	n.a.	S 4
M 5	20 10 59	0♌47'38	15°27	25°30	9°54	24° 3	27°50	23°57	9°58	9° 8	13°37	17°56	18°34	24°47	n.a.	M 5
T 6	20 14 55	1°46'10	0♍36	26°47	11° 4	24°41	27°42	23°58	9°59	9° 6	13°36	17°47	18°31	24°53	n.a.	T 6
W 7	20 18 52	2°44'43	15°31	28° 2	12°15	25°20	27°34	23°59	9°59	9° 5	13°35	17°41	18°28	25° 0	n.a.	W 7
T 8	20 22 48	3°43'18	0♎ 7	29°15	13°26	25°58	27°26	24° 0	9°59	9° 4	13°34	17°38	18°25	25° 7	n.a.	T 8
F 9	20 26 45	4°41'55	14°18	0♍27	14°36	26°37	27°18	24° 2	10° 0	9° 2	13°33	17°D37	18°22	25°14	n.a.	F 9
S 10	20 30 41	5°40'34	28° 5	1°37	15°47	27°15	27°10	24° 2	10° 0	9° 1	13°32	17°37	18°19	25°20	n.a.	S 10
S 11	20 34 38	6°39'14	11♏28	2°45	16°57	27°54	27° 3	24° 3	10° 1	8°59	13°32	17°R37	18°15	25°27	n.a.	S 11
M12	20 38 34	7°37'57	24°31	3°51	18° 8	28°33	26°55	24° 4	10° 2	8°58	13°31	17°36	18°12	25°34	n.a.	M12
T 13	20 42 31	8°36'41	7♐16	4°54	19°18	29°11	26°47	24° 5	10° 2	8°56	13°30	17°33	18° 9	25°40	n.a.	T 13
W14	20 46 27	9°35'27	19°48	5°55	20°28	29°50	26°40	24° 5	10° 3	8°55	13°29	17°27	18° 6	25°47	n.a.	W14
T 15	20 50 24	10°34'15	2♑ 8	6°54	21°39	0♌28	26°32	24° 5	10° 4	8°54	13°28	17°18	18° 3	25°54	n.a.	T 15
F 16	20 54 21	11°33'05	14°19	7°50	22°49	1° 7	26°25	24° 6	10° 4	8°52	13°27	17° 7	18° 0	26° 0	n.a.	F 16
S 17	20 58 17	12°31'57	26°22	8°43	23°59	1°46	26°17	24° 6	10° 5	8°51	13°26	16°55	17°56	26° 7	n.a.	S 17
S 18	21 2 14	13°30'51	8♒20	9°33	25° 9	2°24	26°10	24°R 6	10° 6	8°50	13°25	16°43	17°53	26°14	n.a.	S 18
M19	21 6 10	14°29'47	20°14	10°19	26°18	3° 3	26° 3	24° 6	10° 7	8°49	13°24	16°32	17°50	26°21	n.a.	M19
T 20	21 10 7	15°28'46	2♓ 4	11° 2	27°28	3°42	25°56	24° 6	10° 8	8°47	13°23	16°22	17°47	26°27	n.a.	T 20
W21	21 14 3	16°27'46	13°54	11°41	28°38	4°20	25°49	24° 5	10° 9	8°46	13°22	16°15	17°44	26°34	n.a.	W21
T 22	21 18 0	17°26'49	25°45	12°15	29°47	4°59	25°42	24° 5	10°10	8°45	13°21	16°10	17°40	26°41	n.a.	T 22
F 23	21 21 56	18°25'54	7♈39	12°45	0♎57	5°38	25°35	24° 4	10°12	8°44	13°20	16° 8	17°37	26°47	n.a.	F 23
S 24	21 25 53	19°25'02	19°42	13° 9	2° 6	6°17	25°29	24° 4	10°13	8°43	13°19	16°D 7	17°34	26°54	n.a.	S 24
S 25	21 29 50	20°24'12	1♉56	13°28	3°16	6°55	25°22	24° 3	10°14	8°42	13°18	16° 8	17°31	27° 1	n.a.	S 25
M26	21 33 46	21°23'24	14°28	13°41	4°25	7°34	25°16	24° 2	10°15	8°40	13°17	16° 9	17°28	27° 7	n.a.	M26
T 27	21 37 43	22°22'39	27°20	13°R48	5°34	8°13	25° 9	24° 1	10°17	8°39	13°16	16°R 9	17°25	27°14	n.a.	T 27
W28	21 41 39	23°21'57	10♊38	13°48	6°43	8°52	25° 3	24° 0	10°18	8°38	13°15	16° 8	17°21	27°21	n.a.	W28
T 29	21 45 36	24°21'17	24°25	13°40	7°52	9°31	24°57	23°59	10°20	8°37	13°14	16° 4	17°18	27°27	n.a.	T 29
F 30	21 49 32	25°20'39	8♋41	13°25	9° 1	10°10	24°51	23°58	10°21	8°36	13°13	15°59	17°15	27°34	n.a.	F 30
S 31	21 53 29	26♌20'04	23♋24	13♍ 2	10♎10	10♌48	24♑46	23♈56	10♏23	8♑35	13♓12	15♈52	17♈12	27♒41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 7	27n17	4n14	14n40	0s22	10n16	0n32	23n14	1n10	22s12	1s24	7n 8	2s27	14s50	0n13	23s35	0s 5	22s32	17s29	7n24	7n29	17s34			n.a.
F 2	20 56	28 36	4 46	14 6	0 30	9 46	0 29	23 8	1 10	22 13	1 24	7 8	2 27	14 50	0 13	23 35	0 5	22 32	17 29	7 21	7 27	17 31			n.a.
S 3	20 44	27 55	5 0	13 31	0 38	9 17	0 26	23 1	1 10	22 15	1 24	7 9	2 27	14 50	0 13	23 35	0 5	22 33	17 29	7 17	7 26	17 28			n.a.
S 4	20 31	25 12	4 54	12 56	0 47	8 47	0 22	22 55	1 10	22 17	1 24	7 9	2 27	14 51	0 13	23 35	0 5	22 33	17 29	7 13	7 25	17 26			n.a.
M 5	20 18	20 42	4 27	12 22	0 55	8 16	0 19	22 48	1 10	22 19	1 24	7 9	2 28	14 51	0 13	23 35	0 5	22 34	17 30	7 9	7 24	17 23			n.a.
T 6	20 5	14 53	3 42	11 47	1 4	7 46	0 15	22 41	1 10	22 20	1 24	7 10	2 28	14 51	0 13	23 36	0 5	22 34	17 30	7 5	7 22	17 20			n.a.
W 7	19 52	8 16	2 41	11 13	1 12	7 15	0 12	22 34	1 10	22 22	1 24	7 10	2 28	14 51	0 13	23 36	0 5	22 35	17 30	7 3	7 21	17 17			n.a.
T 8	19 38	1 21	1 31	10 39	1 21	6 45	0 8	22 27	1 10	22 24	1 25	7 10	2 28	14 51	0 13	23 36	0 5	22 35	17 30	7 2	7 20	17 14			n.a.
F 9	19 24	5s27	0 18	10 6	1 30	6 14	0 5	22 20	1 11	22 25	1 25	7 10	2 29	14 51	0 13	23 36	0 5	22 36	17 31	7 2	7 19	17 12			n.a.
S 10	19 10	11 49	0s55	9 33	1 38	5 43	0 1	22 12	1 11	22 27	1 25	7 10	2 29	14 51	0 13	23 36	0 5	22 37	17 31	7 2	7 18	17 9			n.a.
S 11	18 55	17 28	2 3	9 0	1 47	5 12	0s 3	22 4	1 11	22 29	1 25	7 10	2 29	14 52	0 13	23 36	0 5	22 37	17 31	7 2	7 16	17 6			n.a.
M12	18 40	22 9	3 3	8 28	1 56	4 40	0 6	21 57	1 11	22 30	1 25	7 10	2 29	14 52	0 13	23 36	0 5	22 38	17 31	7 1	7 15	17 3			n.a.
T 13	18 24	25 41	3 51	7 57	2 4	4 9	0 10	21 49	1 11	22 32	1 25	7 10	2 30	14 52	0 13	23 36	0 5	22 38	17 31	7 0	7 14	17 0			n.a.
W14	18 8	27 53	4 28	7 26	2 13	3 37	0 14	21 40	1 11	22 33	1 25	7 10	2 30	14 52	0 12	23 36	0 5	22 39	17 32	6 57	7 13	16 57			n.a.
T 15	17 52	28 41	4 52	6 57	2 21	3 6	0 18	21 32	1 11	22 35	1 25	7 10	2 30	14 53	0 12	23 37	0 5	22 39	17 32	6 54	7 11	16 55			n.a.
F 16	17 36	28 3	5 2	6 28	2 29	2 34	0 22	21 23	1 11	22 36	1 25	7 10	2 30	14 53	0 12	23 37	0 5	22 40	17 32	6 50	7 10	16 52			n.a.
S 17	17 19	26 6	4 58	6 1	2 37	2 2	0 26	21 15	1 11	22 38	1 25	7 10	2 31	14 53	0 12	23 37	0 5	22 40	17 32	6 45	7 9	16 49			n.a.
S 18	17 2	23 0	4 41	5 35	2 45	1 31	0 30	21 6	1 11	22 39	1 25	7 10	2 31	14 53	0 12	23 37	0 5	22 41	17 32	6 40	7 8	16 46			n.a.
M19	16 45	18 57	4 12	5 10	2 52	0 59	0 34	20 57	1 11	22 40	1 25	7 10	2 31	14 54	0 12	23 37	0 5	22 41	17 33	6 36	7 6	16 43			n.a.
T 20	16 27	14 12	3 32	4 47	2 59	0 27	0 38	20 48	1 11	22 42	1 25	7 9	2 31	14 54	0 12	23 37	0 5	22 42	17 33	6 32	7 5	16 40			n.a.
W21	16 10	8 56	2 43	4 26	3 6	0s 5	0 42	20 38	1 11	22 43	1 25	7 9	2 31	14 54	0 12	23 37	0 5	22 43	17 33	6 29	7 4	16 37			n.a.
T 22	15 51	3 21	1 47	4 7	3 13	0 37	0 46	20 29	1 11	22 44	1 25	7 9	2 32	14 55	0 12	23 37	0 5	22 43	17 33	6 28	7 3	16 35			n.a.
F 23	15 33	2n24	0 45	3 50	3 19	1 9	0 50	20 19	1 11	22 46	1 25	7 8	2 32	14 55	0 12	23 37	0 5	22 44	17 33	6 27	7 2	16 32			n.a.
S 24	15 14	8 7	0n19	3 36	3 24	1 40	0 54	20 10	1 11	22 47	1 25	7 8	2 32	14 56	0 12	23 37	0 5	22 44	17 33	6 27	7 0	16 29			n.a.
S 25	14 55	13 39	1 24	3 24	3 28	2 12	0 58	20 0	1 11	22 48	1 25	7 7	2 32	14 56	0 12	23 37	0 5	22 45	17 33	6 27	6 59	16 26			n.a.
M26	14 36	18 46	2 26	3 15	3 32	2 44	1 2	19 50	1 11	22 49	1 25	7 7	2 33	14 56	0 12	23 38	0 5	22 45	17 34	6 27	6 58	16 23			n.a.
T 27	14 17	23 10	3 23	3 10	3 35	3 16	1 6	19 39	1 11	22 50	1 25	7 6	2 33	14 57	0 12	23 38	0 5	22 46	17 34	6 27	6 57	16 20			n.a.
W28	13 57	26 32	4 11	3 8	3 37	3 47	1 11	19 29	1 11	22 51	1 25	7 6	2 33	14 57	0 12	23 38	0 5	22 46	17 34	6 27	6 55	16 17			n.a.
T 29	13 37	28 28	4 46	3 11	3 38	4 19	1 15	19 19	1 11	22 53	1 25	7 5	2 33	14 58	0 12	23 38	0 5	22 47	17 34	6 25	6 54	16 14			n.a.
F 30	13 17	28 36	5 5	3 17	3 38	4 50	1 19	19 8	1 11	22 54	1 25	7 4	2 33	14 58	0 12	23 38	0 5	22 47	17 34	6 23	6 53	16 11			n.a.
S 31	12n57	26n46	5n 5	3n27	3s36	5s22	1s23	18n57	1n11	22s55	1s25	7n 3	2s34	14s59	0n12	23s38	0s 5	22s48	17s34	6n20	6n52	16s 9			n.a.

Julian Day Number = 1311459.5, Delta T = 07h41m12s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'09, Lahiri = -19°27'08 Julian Calendar 1 Aug. 1123 BCE == Greg. Calendar 21 July 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

SEPTEMBER 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 25	27♌19'31	8♌28	12°R31	11♎18	11♌27	24°R40	23°R55	10♏24	8°R34	13°R10	15°R44	17♈ 9	27♒48	n.a.	S 1
M 2	22 1 22	28°19'01	23°44	11♍52	12°27	12° 6	24♉35	23♈53	10°26	8♉33	13♓ 9	15♈37	17° 6	27°54	n.a.	M 2
T 3	22 5 18	29°18'32	9♍ 1	11° 5	13°35	12°45	24°30	23°51	10°28	8°33	13° 8	15°31	17° 2	28° 1	n.a.	T 3
W 4	22 9 15	0♍18'06	24° 8	10°11	14°44	13°24	24°24	23°49	10°29	8°32	13° 7	15°27	16°59	28° 8	n.a.	W 4
T 5	22 13 12	1°17'42	8♎57	9°10	15°52	14° 3	24°20	23°47	10°31	8°31	13° 6	15°D25	16°56	28°14	n.a.	T 5
F 6	22 17 8	2°17'19	23°22	8° 3	17° 0	14°42	24°15	23°45	10°33	8°30	13° 5	15°25	16°53	28°21	n.a.	F 6
S 7	22 21 5	3°16'59	7♏20	6°53	18° 8	15°21	24°10	23°43	10°35	8°29	13° 4	15°26	16°50	28°28	n.a.	S 7
S 8	22 25 1	4°16'41	20°50	5°40	19°16	16° 0	24° 6	23°41	10°37	8°28	13° 3	15°28	16°46	28°34	n.a.	S 8
M 9	22 28 58	5°16'24	3♐56	4°26	20°23	16°39	24° 2	23°39	10°39	8°28	13° 1	15°R28	16°43	28°41	n.a.	M 9
T 10	22 32 54	6°16'09	16°41	3°15	21°31	17°18	23°58	23°36	10°41	8°27	13° 0	15°28	16°40	28°48	n.a.	T 10
W11	22 36 51	7°15'57	29° 7	2° 7	22°38	17°57	23°54	23°34	10°43	8°26	12°59	15°26	16°37	28°54	n.a.	W11
T 12	22 40 47	8°15'46	11♑21	1° 5	23°45	18°36	23°50	23°31	10°45	8°26	12°58	15°22	16°34	29° 1	n.a.	T 12
F 13	22 44 44	9°15'36	23°24	0°11	24°52	19°15	23°47	23°28	10°47	8°25	12°57	15°16	16°31	29° 8	n.a.	F 13
S 14	22 48 41	10°15'29	5♒21	29♌26	25°59	19°55	23°43	23°25	10°49	8°25	12°56	15°10	16°27	29°14	n.a.	S 14
S 15	22 52 37	11°15'24	17°13	28°51	27° 6	20°34	23°40	23°22	10°51	8°24	12°55	15° 3	16°24	29°21	n.a.	S 15
M16	22 56 34	12°15'20	29° 4	28°28	28°13	21°13	23°37	23°19	10°54	8°23	12°53	14°57	16°21	29°28	n.a.	M16
T 17	23 0 30	13°15'19	10♓55	28°15	29°19	21°52	23°35	23°16	10°56	8°23	12°52	14°52	16°18	29°35	n.a.	T 17
W18	23 4 27	14°15'19	22°47	28°D15	0♏25	22°31	23°32	23°13	10°58	8°23	12°51	14°48	16°15	29°41	n.a.	W18
T 19	23 8 23	15°15'22	4♈44	28°25	1°31	23°10	23°30	23°10	11° 1	8°22	12°50	14°46	16°12	29°48	n.a.	T 19
F 20	23 12 20	16°15'27	16°46	28°45	2°37	23°50	23°28	23° 6	11° 3	8°22	12°49	14°D46	16° 8	29°55	n.a.	F 20
S 21	23 16 16	17°15'34	28°57	29°16	3°43	24°29	23°26	23° 3	11° 6	8°21	12°48	14°47	16° 5	0♓ 1	n.a.	S 21
S 22	23 20 13	18°15'43	11♉19	29°56	4°48	25° 8	23°24	22°59	11° 8	8°21	12°47	14°48	16° 2	0° 8	n.a.	S 22
M23	23 24 9	19°15'54	23°55	0♍44	5°53	25°48	23°23	22°56	11°11	8°21	12°45	14°50	15°59	0°15	n.a.	M23
T 24	23 28 6	20°16'08	6♊48	1°39	6°58	26°27	23°21	22°52	11°13	8°21	12°44	14°51	15°56	0°21	n.a.	T 24
W25	23 32 3	21°16'23	20° 3	2°41	8° 3	27° 6	23°20	22°48	11°16	8°20	12°43	14°R52	15°52	0°28	n.a.	W25
T 26	23 35 59	22°16'41	3♋40	3°48	9° 8	27°46	23°19	22°44	11°19	8°20	12°42	14°52	15°49	0°35	n.a.	T 26
F 27	23 39 56	23°17'02	17°43	5° 0	10°12	28°25	23°19	22°40	11°21	8°20	12°41	14°50	15°46	0°41	n.a.	F 27
S 28	23 43 52	24°17'24	2♌ 9	6°17	11°16	29° 4	23°18	22°36	11°24	8°20	12°40	14°48	15°43	0°48	n.a.	S 28
S 29	23 47 49	25°17'49	16°56	7°37	12°20	29°44	23°18	22°32	11°27	8°20	12°39	14°45	15°40	0°55	n.a.	S 29
M30	23 51 45	26♍18'15	1♍57	9♍ 0	13♏23	0♍23	23°D18	22♈28	11♏30	8♑20	12♓37	14♈43	15♈37	1♓ 1	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n36	23n 0	4n44	3n43	3s32	5s53	1s27	18n46	1n11	22s55	1s24	7n 3	2s34	14s59	0n12	23s38	0s 5	22s48	17s34	6n17	6n50	16s 6		n.a.
M 2	12 15	17 38	4 2	4 3	3 27	6 24	1 32	18 35	1 11	22 56	1 24	7 2	2 34	15 0	0 12	23 38	0 5	22 49	17 34	6 15	6 49	16 3		n.a.
T 3	11 54	11 9	3 4	4 27	3 20	6 55	1 36	18 24	1 11	22 57	1 24	7 1	2 34	15 1	0 12	23 38	0 5	22 50	17 34	6 12	6 48	16 0		n.a.
W 4	11 33	4 5	1 53	4 56	3 11	7 26	1 40	18 13	1 11	22 58	1 24	7 0	2 35	15 1	0 12	23 38	0 5	22 50	17 35	6 11	6 47	15 57		n.a.
T 5	11 11	3s 4	0 35	5 30	3 0	7 56	1 44	18 1	1 11	22 59	1 24	6 59	2 35	15 2	0 12	23 38	0 5	22 51	17 35	6 10	6 45	15 54		n.a.
F 6	10 50	9 53	0s43	6 7	2 47	8 27	1 48	17 50	1 11	23 0	1 24	6 58	2 35	15 2	0 12	23 38	0 5	22 51	17 35	6 10	6 44	15 51		n.a.
S 7	10 28	16 0	1 56	6 47	2 32	8 57	1 53	17 38	1 11	23 0	1 24	6 57	2 35	15 3	0 12	23 38	0 5	22 52	17 35	6 11	6 43	15 48		n.a.
S 8	10 6	21 9	3 0	7 30	2 15	9 27	1 57	17 26	1 11	23 1	1 24	6 56	2 35	15 4	0 12	23 39	0 5	22 52	17 35	6 11	6 42	15 45		n.a.
M 9	9 44	25 5	3 53	8 14	1 57	9 57	2 1	17 14	1 11	23 2	1 24	6 55	2 36	15 4	0 12	23 39	0 5	22 53	17 35	6 11	6 41	15 42		n.a.
T 10	9 21	27 40	4 32	8 58	1 37	10 27	2 5	17 2	1 11	23 2	1 24	6 54	2 36	15 5	0 12	23 39	0 5	22 53	17 35	6 11	6 39	15 39		n.a.
W11	8 59	28 48	4 58	9 41	1 17	10 56	2 9	16 50	1 11	23 3	1 23	6 53	2 36	15 5	0 12	23 39	0 5	22 54	17 35	6 10	6 38	15 36		n.a.
T 12	8 36	28 29	5 10	10 23	0 57	11 25	2 13	16 37	1 11	23 3	1 23	6 52	2 36	15 6	0 12	23 39	0 5	22 54	17 35	6 9	6 37	15 33		n.a.
F 13	8 14	26 49	5 8	11 1	0 37	11 54	2 17	16 25	1 11	23 4	1 23	6 51	2 36	15 7	0 12	23 39	0 5	22 55	17 35	6 6	6 36	15 30		n.a.
S 14	7 51	23 57	4 52	11 36	0 17	12 23	2 21	16 12	1 11	23 4	1 23	6 50	2 36	15 8	0 12	23 39	0 5	22 55	17 35	6 4	6 34	15 27		n.a.
S 15	7 28	20 6	4 24	12 6	0n 3	12 51	2 25	16 0	1 11	23 5	1 23	6 48	2 37	15 8	0 12	23 39	0 5	22 55	17 35	6 1	6 33	15 24		n.a.
M16	7 4	15 29	3 44	12 31	0 21	13 19	2 29	15 47	1 11	23 5	1 23	6 47	2 37	15 9	0 12	23 39	0 5	22 56	17 35	5 59	6 32	15 21		n.a.
T 17	6 41	10 17	2 55	12 52	0 38	13 47	2 33	15 34	1 11	23 6	1 23	6 46	2 37	15 10	0 12	23 39	0 5	22 56	17 35	5 57	6 31	15 18		n.a.
W18	6 18	4 42	1 57	13 6	0 53	14 15	2 37	15 21	1 11	23 6	1 23	6 44	2 37	15 11	0 12	23 39	0 5	22 57	17 35	5 56	6 29	15 16		n.a.
T 19	5 54	1n 4	0 55	13 16	1 7	14 42	2 40	15 8	1 11	23 6	1 22	6 43	2 37	15 11	0 12	23 39	0 5	22 57	17 35	5 55	6 28	15 13		n.a.
F 20	5 30	6 52	0n11	13 20	1 19	15 9	2 44	14 55	1 11	23 6	1 22	6 42	2 37	15 12	0 12	23 39	0 5	22 58	17 35	5 55	6 27	15 10		n.a.
S 21	5 7	12 29	1 17	13 19	1 30	15 35	2 48	14 41	1 11	23 7	1 22	6 40	2 37	15 13	0 12	23 39	0 5	22 58	17 35	5 55	6 26	15 7		n.a.
S 22	4 43	17 42	2 21	13 14	1 40	16 1	2 51	14 28	1 11	23 7	1 22	6 39	2 38	15 14	0 12	23 39	0 5	22 59	17 35	5 56	6 24	15 4		n.a.
M23	4 19	22 16	3 19	13 4	1 47	16 27	2 55	14 14	1 11	23 7	1 22	6 37	2 38	15 15	0 12	23 39	0 5	22 59	17 35	5 56	6 23	15 1		n.a.
T 24	3 55	25 53	4 8	12 50	1 54	16 52	2 58	14 1	1 11	23 7	1 22	6 36	2 38	15 15	0 12	23 39	0 5	22 59	17 35	5 57	6 22	14 58		n.a.
W25	3 31	28 12	4 46	12 32	1 59	17 17	3 2	13 47	1 11	23 7	1 22	6 34	2 38	15 16	0 12	23 39	0 5	23 0	17 35	5 57	6 21	14 55		n.a.
T 26	3 7	28 56	5 9	12 11	2 3	17 41	3 5	13 33	1 11	23 7	1 21	6 33	2 38	15 17	0 12	23 39	0 5	23 0	17 35	5 57	6 19	14 52		n.a.
F 27	2 43	27 50	5 15	11 46	2 6	18 5	3 8	13 19	1 11	23 7	1 21	6 31	2 38	15 18	0 12	23 39	0 5	23 1	17 35	5 56	6 18	14 49		n.a.
S 28	2 18	24 53	5 1	11 19	2 7	18 29	3 12	13 5	1 11	23 7	1 21	6 29	2 38	15 19	0 12	23 39	0 5	23 1	17 34	5 55	6 17	14 46		n.a.
S 29	1 54	20 15	4 27	10 50	2 8	18 52	3 15	12 51	1 10	23 7	1 21	6 28	2 38	15 20	0 12	23 39	0 5	23 1	17 34	5 54	6 16	14 43		n.a.
M30	1n30	14n17	3n35	10n18	2n 8	19s15	3s18	12n37	1n10	23s 7	1s21	6n26	2s39	15s21	0n12	23s39	0s 5	23s 2	17s34	5n53	6n14	14s39		n.a.

Julian Day Number = 1311490.5, Delta T = 07h41m10s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'05, Lahiri = -19°27'04 Julian Calendar 1 Sept. 1123 BCE == Greg. Calendar 21 Aug. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

OCTOBER 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 42	27♍18'43	17♍ 4	10♍26	14♏26	1♍ 3	23♑18	22°R24	11♏32	8°D20	12°R36	14°R41	15♈33	1♓ 8	n.a.	T 1
W 2	23 59 38	28°19'13	2♎ 8	11°54	15°29	1°42	23°18	22♈20	11°35	8♑20	12♓35	14♈39	15°30	1°15	n.a.	W 2
T 3	0 3 35	29°19'45	16°59	13°24	16°32	2°22	23°19	22°15	11°38	8°20	12°34	14°D39	15°27	1°22	n.a.	T 3
F 4	0 7 32	0♎20'19	1♏31	14°55	17°35	3° 1	23°19	22°11	11°41	8°20	12°33	14°40	15°24	1°28	n.a.	F 4
S 5	0 11 28	1°20'54	15°38	16°27	18°37	3°41	23°20	22° 6	11°44	8°20	12°32	14°41	15°21	1°35	n.a.	S 5
S 6	0 15 25	2°21'31	29°19	18° 0	19°38	4°20	23°22	22° 2	11°47	8°20	12°31	14°42	15°17	1°42	n.a.	S 6
M 7	0 19 21	3°22'09	12♐33	19°34	20°40	5° 0	23°23	21°57	11°50	8°20	12°30	14°43	15°14	1°48	n.a.	M 7
T 8	0 23 18	4°22'48	25°23	21° 9	21°41	5°40	23°24	21°53	11°53	8°21	12°29	14°43	15°11	1°55	n.a.	T 8
W 9	0 27 14	5°23'29	7♑52	22°44	22°42	6°19	23°26	21°48	11°56	8°21	12°28	14°R43	15° 8	2° 2	n.a.	W 9
T 10	0 31 11	6°24'11	20° 5	24°19	23°42	6°59	23°28	21°43	11°59	8°21	12°27	14°43	15° 5	2° 8	n.a.	T 10
F 11	0 35 7	7°24'55	2♒ 6	25°54	24°42	7°39	23°30	21°39	12° 3	8°22	12°26	14°42	15° 2	2°15	n.a.	F 11
S 12	0 39 4	8°25'39	14° 0	27°30	25°41	8°18	23°33	21°34	12° 6	8°22	12°25	14°42	14°58	2°22	n.a.	S 12
S 13	0 43 1	9°26'25	25°50	29° 5	26°40	8°58	23°35	21°29	12° 9	8°22	12°24	14°41	14°55	2°28	n.a.	S 13
M14	0 46 57	10°27'12	7♓40	0♎41	27°39	9°38	23°38	21°24	12°12	8°23	12°23	14°40	14°52	2°35	n.a.	M14
T 15	0 50 54	11°28'01	19°33	2°17	28°37	10°17	23°41	21°19	12°15	8°23	12°22	14°40	14°49	2°42	n.a.	T 15
W16	0 54 50	12°28'50	1♈31	3°52	29°35	10°57	23°44	21°15	12°19	8°24	12°21	14°39	14°46	2°48	n.a.	W16
T 17	0 58 47	13°29'42	13°38	5°28	0♐32	11°37	23°48	21°10	12°22	8°24	12°20	14°D39	14°43	2°55	n.a.	T 17
F 18	1 2 43	14°30'34	25°53	7° 3	1°28	12°17	23°51	21° 5	12°25	8°25	12°19	14°R39	14°39	3° 2	n.a.	F 18
S 19	1 6 40	15°31'28	8♉20	8°38	2°25	12°57	23°55	21° 0	12°29	8°25	12°18	14°39	14°36	3° 8	n.a.	S 19
S 20	1 10 36	16°32'23	20°58	10°13	3°20	13°36	23°59	20°55	12°32	8°26	12°17	14°39	14°33	3°15	n.a.	S 20
M21	1 14 33	17°33'20	3♊49	11°48	4°15	14°16	24° 3	20°50	12°35	8°27	12°16	14°39	14°30	3°22	n.a.	M21
T 22	1 18 30	18°34'18	16°54	13°23	5° 9	14°56	24° 7	20°45	12°39	8°27	12°15	14°38	14°27	3°28	n.a.	T 22
W23	1 22 26	19°35'17	0♋15	14°58	6° 3	15°36	24°12	20°40	12°42	8°28	12°14	14°38	14°23	3°35	n.a.	W23
T 24	1 26 23	20°36'18	13°52	16°33	6°56	16°16	24°16	20°35	12°46	8°29	12°13	14°38	14°20	3°42	n.a.	T 24
F 25	1 30 19	21°37'21	27°45	18° 8	7°49	16°56	24°21	20°30	12°49	8°30	12°12	14°D38	14°17	3°48	n.a.	F 25
S 26	1 34 16	22°38'25	11♌55	19°42	8°40	17°36	24°26	20°25	12°52	8°31	12°12	14°38	14°14	3°55	n.a.	S 26
S 27	1 38 12	23°39'30	26°19	21°17	9°31	18°16	24°32	20°20	12°56	8°31	12°11	14°39	14°11	4° 2	n.a.	S 27
M28	1 42 9	24°40'36	10♍55	22°51	10°21	18°56	24°37	20°15	12°59	8°32	12°10	14°40	14° 8	4° 9	n.a.	M28
T 29	1 46 5	25°41'44	25°37	24°26	11°11	19°36	24°43	20°10	13° 3	8°33	12° 9	14°40	14° 4	4°15	n.a.	T 29
W30	1 50 2	26°42'52	10♎20	26° 0	11°59	20°16	24°48	20° 5	13° 6	8°34	12° 8	14°R41	14° 1	4°22	n.a.	W30
T 31	1 53 59	27♎44'02	24♎57	27♎34	12♐47	20♍56	24♑54	20♈ 0	13♏10	8♑35	12♓ 8	14♈41	13♈58	4♓29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n 5	7n26	2n27	9n44	2n 7	19s37	3s21	12n22	1n10	23s 6	1s21	6n24	2s39	15s22	0n12	23s39	0s 5	23s 2	17s34	5n53	6n13	14s36			n.a.
W 2	0 41	0 11	1 9	9 9	2 6	19 59	3 23	12 8	1 10	23 6	1 20	6 23	2 39	15 22	0 12	23 39	0 5	23 2	17 34	5 52	6 12	14 33			n.a.
T 3	0 16	6s59	0s13	8 32	2 4	20 20	3 26	11 53	1 10	23 6	1 20	6 21	2 39	15 23	0 12	23 39	0 5	23 3	17 34	5 52	6 11	14 30			n.a.
F 4	0s 8	13 38	1 32	7 53	2 1	20 41	3 29	11 39	1 10	23 6	1 20	6 19	2 39	15 24	0 12	23 39	0 5	23 3	17 34	5 52	6 10	14 27			n.a.
S 5	0 33	19 23	2 43	7 14	1 58	21 1	3 31	11 24	1 10	23 5	1 20	6 18	2 39	15 25	0 12	23 39	0 5	23 3	17 34	5 53	6 8	14 24			n.a.
S 6	0 57	23 57	3 43	6 34	1 54	21 21	3 34	11 9	1 10	23 5	1 20	6 16	2 39	15 26	0 12	23 39	0 6	23 4	17 34	5 53	6 7	14 21			n.a.
M 7	1 22	27 6	4 29	5 52	1 50	21 40	3 36	10 55	1 10	23 4	1 20	6 14	2 39	15 27	0 12	23 39	0 6	23 4	17 33	5 53	6 6	14 18			n.a.
T 8	1 46	28 44	4 59	5 10	1 45	21 59	3 38	10 40	1 10	23 4	1 19	6 12	2 39	15 28	0 11	23 39	0 6	23 4	17 33	5 54	6 5	14 15			n.a.
W 9	2 11	28 50	5 15	4 28	1 41	22 17	3 40	10 25	1 9	23 4	1 19	6 10	2 39	15 29	0 11	23 39	0 6	23 5	17 33	5 54	6 3	14 12			n.a.
T 10	2 35	27 30	5 16	3 45	1 35	22 35	3 42	10 10	1 9	23 3	1 19	6 9	2 39	15 30	0 11	23 39	0 6	23 5	17 33	5 54	6 2	14 9			n.a.
F 11	2 59	24 55	5 3	3 2	1 30	22 52	3 44	9 55	1 9	23 2	1 19	6 7	2 39	15 31	0 11	23 39	0 6	23 5	17 33	5 53	6 1	14 6			n.a.
S 12	3 24	21 18	4 37	2 18	1 24	23 8	3 45	9 39	1 9	23 2	1 19	6 5	2 39	15 32	0 11	23 39	0 6	23 5	17 33	5 53	6 0	14 3			n.a.
S 13	3 48	16 51	3 59	1 34	1 19	23 24	3 47	9 24	1 9	23 1	1 18	6 3	2 39	15 33	0 11	23 39	0 6	23 6	17 32	5 53	5 58	14 0			n.a.
M14	4 12	11 47	3 11	0 50	1 13	23 40	3 48	9 9	1 9	23 1	1 18	6 1	2 39	15 34	0 11	23 39	0 6	23 6	17 32	5 52	5 57	13 57			n.a.
T 15	4 36	6 16	2 15	0 6	1 7	23 54	3 50	8 53	1 9	23 0	1 18	6 0	2 39	15 35	0 11	23 39	0 6	23 6	17 32	5 52	5 56	13 54			n.a.
W16	5 1	0 29	1 12	0s38	1 0	24 8	3 51	8 38	1 9	22 59	1 18	5 58	2 39	15 36	0 11	23 39	0 6	23 6	17 32	5 52	5 55	13 51			n.a.
T 17	5 25	5n23	0 6	1 23	0 54	24 22	3 52	8 22	1 8	22 58	1 18	5 56	2 39	15 37	0 11	23 39	0 6	23 6	17 32	5 52	5 53	13 48			n.a.
F 18	5 49	11 7	1n 2	2 7	0 48	24 35	3 52	8 7	1 8	22 58	1 18	5 54	2 39	15 38	0 11	23 39	0 6	23 7	17 31	5 52	5 52	13 44			n.a.
S 19	6 12	16 31	2 8	2 51	0 41	24 47	3 53	7 51	1 8	22 57	1 17	5 52	2 39	15 39	0 11	23 39	0 6	23 7	17 31	5 52	5 51	13 41			n.a.
S 20	6 36	21 19	3 8	3 35	0 35	24 59	3 53	7 35	1 8	22 56	1 17	5 50	2 39	15 40	0 11	23 39	0 6	23 7	17 31	5 52	5 50	13 38			n.a.
M21	7 0	25 11	4 0	4 19	0 28	25 10	3 54	7 20	1 8	22 55	1 17	5 48	2 39	15 41	0 11	23 39	0 6	23 7	17 31	5 52	5 48	13 35			n.a.
T 22	7 24	27 50	4 41	5 2	0 22	25 20	3 54	7 4	1 8	22 54	1 17	5 47	2 39	15 42	0 11	23 39	0 6	23 7	17 31	5 52	5 47	13 32			n.a.
W23	7 47	28 57	5 7	5 46	0 15	25 30	3 53	6 48	1 7	22 53	1 17	5 45	2 39	15 43	0 11	23 39	0 6	23 7	17 30	5 52	5 46	13 29			n.a.
T 24	8 10	28 21	5 17	6 29	0 9	25 39	3 53	6 32	1 7	22 52	1 17	5 43	2 39	15 45	0 11	23 39	0 6	23 8	17 30	5 51	5 45	13 26			n.a.
F 25	8 34	25 59	5 9	7 11	0 2	25 47	3 53	6 16	1 7	22 51	1 16	5 41	2 39	15 46	0 11	23 39	0 6	23 8	17 30	5 51	5 43	13 23			n.a.
S 26	8 57	22 0	4 42	7 54	0s 5	25 55	3 52	6 0	1 7	22 50	1 16	5 39	2 39	15 47	0 11	23 39	0 6	23 8	17 30	5 52	5 42	13 20			n.a.
S 27	9 20	16 39	3 57	8 36	0 11	26 2	3 51	5 44	1 7	22 49	1 16	5 37	2 39	15 48	0 11	23 39	0 6	23 8	17 29	5 52	5 41	13 17			n.a.
M28	9 43	10 18	2 57	9 18	0 18	26 9	3 50	5 28	1 6	22 48	1 16	5 35	2 39	15 49	0 11	23 39	0 6	23 8	17 29	5 52	5 40	13 13			n.a.
T 29	10 5	3 21	1 44	9 59	0 24	26 15	3 48	5 12	1 6	22 46	1 16	5 34	2 39	15 50	0 11	23 39	0 6	23 8	17 29	5 52	5 38	13 10			n.a.
W30	10 28	3s47	0 24	10 40	0 30	26 20	3 47	4 56	1 6	22 45	1 16	5 32	2 39	15 51	0 11	23 39	0 6	23 8	17 29	5 53	5 37	13 7			n.a.
T 31	10s50	10s41	0s57	11s21	0s37	26s25	3s45	4n39	1n 6	22s44	1s15	5n30	2s39	15s52	0n11	23s39	0s 6	23s 8	17s28	5n53	5n36	13s 4			n.a.

Julian Day Number = 1311520.5, Delta T = 07h41m09s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°34'00, Lahiri = -19°27'00 Julian Calendar 1 Oct. 1123 BCE == Greg. Calendar 20 Sept. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

NOVEMBER 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 57 55	28♎45'12	9♏20	29♎ 9	13♐34	21♍36	25♑ 0	19°R55	13♏14	8♑36	12°R 7	14°R40	13♈55	4♓35	n.a.	F 1
S 2	2 1 52	29°46'24	23°26	0♏43	14°20	22°16	25° 7	19♈50	13°17	8°37	12♓ 6	14♈38	13°52	4°42	n.a.	S 2
S 3	2 5 48	0♏47'36	7♐ 9	2°18	15° 5	22°56	25°13	19°45	13°21	8°38	12° 5	14°36	13°49	4°49	n.a.	S 3
M 4	2 9 45	1°48'48	20°28	3°52	15°49	23°37	25°20	19°41	13°24	8°40	12° 5	14°33	13°45	4°55	n.a.	M 4
T 5	2 13 41	2°50'02	3♑24	5°27	16°32	24°17	25°26	19°36	13°28	8°41	12° 4	14°31	13°42	5° 2	n.a.	T 5
W 6	2 17 38	3°51'15	15°58	7° 1	17°13	24°57	25°33	19°31	13°31	8°42	12° 3	14°29	13°39	5° 9	n.a.	W 6
T 7	2 21 34	4°52'29	28°14	8°36	17°54	25°37	25°41	19°26	13°35	8°43	12° 3	14°28	13°36	5°15	n.a.	T 7
F 8	2 25 31	5°53'43	10♒16	10°11	18°33	26°17	25°48	19°22	13°39	8°44	12° 2	14°D28	13°33	5°22	n.a.	F 8
S 9	2 29 28	6°54'58	22°10	11°46	19°12	26°58	25°55	19°17	13°42	8°46	12° 1	14°29	13°29	5°29	n.a.	S 9
S 10	2 33 24	7°56'12	3♓59	13°21	19°48	27°38	26° 3	19°12	13°46	8°47	12° 1	14°30	13°26	5°35	n.a.	S 10
M11	2 37 21	8°57'27	15°49	14°57	20°24	28°18	26°11	19° 8	13°50	8°48	12° 0	14°32	13°23	5°42	n.a.	M11
T 12	2 41 17	9°58'42	27°45	16°32	20°58	28°59	26°18	19° 3	13°53	8°50	12° 0	14°34	13°20	5°49	n.a.	T 12
W13	2 45 14	10°59'57	9♈49	18° 7	21°30	29°39	26°26	18°59	13°57	8°51	11°59	14°R35	13°17	5°55	n.a.	W13
T 14	2 49 10	12° 1'13	22° 6	19°43	22° 1	0♎19	26°35	18°55	14° 0	8°52	11°59	14°35	13°14	6° 2	n.a.	T 14
F 15	2 53 7	13° 2'28	4♉36	21°19	22°31	1° 0	26°43	18°50	14° 4	8°54	11°58	14°33	13°10	6° 9	n.a.	F 15
S 16	2 57 4	14° 3'44	17°22	22°55	22°58	1°40	26°51	18°46	14° 8	8°55	11°58	14°30	13° 7	6°15	n.a.	S 16
S 17	3 1 0	15° 5'01	0♊23	24°31	23°24	2°20	27° 0	18°42	14°11	8°57	11°57	14°26	13° 4	6°22	n.a.	S 17
M18	3 4 57	16° 6'17	13°38	26° 7	23°49	3° 1	27° 9	18°38	14°15	8°58	11°57	14°20	13° 1	6°29	n.a.	M18
T 19	3 8 53	17° 7'34	27° 7	27°43	24°11	3°41	27°18	18°34	14°19	9° 0	11°56	14°15	12°58	6°35	n.a.	T 19
W20	3 12 50	18° 8'51	10♋47	29°19	24°31	4°22	27°27	18°30	14°22	9° 1	11°56	14°10	12°54	6°42	n.a.	W20
T 21	3 16 46	19°10'09	24°36	0♐55	24°50	5° 2	27°36	18°26	14°26	9° 3	11°56	14° 6	12°51	6°49	n.a.	T 21
F 22	3 20 43	20°11'27	8♌33	2°31	25° 6	5°43	27°45	18°22	14°30	9° 5	11°55	14° 4	12°48	6°55	n.a.	F 22
S 23	3 24 39	21°12'45	22°37	4° 7	25°20	6°23	27°55	18°18	14°33	9° 6	11°55	14°D 3	12°45	7° 2	n.a.	S 23
S 24	3 28 36	22°14'03	6♍46	5°43	25°32	7° 4	28° 4	18°14	14°37	9° 8	11°55	14° 4	12°42	7° 9	n.a.	S 24
M25	3 32 33	23°15'21	20°59	7°18	25°42	7°44	28°14	18°11	14°40	9°10	11°55	14° 5	12°39	7°15	n.a.	M25
T 26	3 36 29	24°16'40	5♎13	8°53	25°50	8°25	28°24	18° 7	14°44	9°11	11°54	14° 6	12°35	7°22	n.a.	T 26
W27	3 40 26	25°17'58	19°27	10°27	25°55	9° 6	28°34	18° 4	14°48	9°13	11°54	14°R 7	12°32	7°29	n.a.	W27
T 28	3 44 22	26°19'17	3♏37	12° 0	25°58	9°46	28°44	18° 0	14°51	9°15	11°54	14° 5	12°29	7°35	n.a.	T 28
F 29	3 48 19	27°20'35	17°38	13°32	25°R59	10°27	28°54	17°57	14°55	9°17	11°54	14° 1	12°26	7°42	n.a.	F 29
S 30	3 52 15	28♏21'54	1♐27	15♐ 2	25♐57	11♎ 8	29♑ 4	17♈54	14♏58	9♑19	11♓53	13♈55	12♈23	7♓49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s12	16s56	2s12	12s 1	0s43	26s29	3s43	4n23	1n 6	22s43	1s15	5n28	2s39	15s53	0n11	23s39	0s 6	23s 8	17s28	5n52	5n35	13s 1		n.a.
S 2	11 34	22 8	3 18	12 40	0 49	26 32	3 40	4 7	1 5	22 41	1 15	5 26	2 38	15 54	0 11	23 38	0 6	23 8	17 28	5 52	5 33	12 58		n.a.
S 3	11 56	25 59	4 11	13 19	0 55	26 35	3 38	3 50	1 5	22 40	1 15	5 25	2 38	15 55	0 11	23 38	0 6	23 8	17 27	5 51	5 32	12 55		n.a.
M 4	12 18	28 16	4 48	13 58	1 0	26 37	3 35	3 34	1 5	22 39	1 15	5 23	2 38	15 57	0 11	23 38	0 6	23 8	17 27	5 50	5 31	12 52		n.a.
T 5	12 39	28 57	5 10	14 35	1 6	26 39	3 32	3 18	1 5	22 37	1 15	5 21	2 38	15 58	0 11	23 38	0 6	23 8	17 27	5 49	5 30	12 48		n.a.
W 6	13 0	28 5	5 15	15 12	1 12	26 39	3 28	3 1	1 4	22 36	1 14	5 20	2 38	15 59	0 11	23 38	0 6	23 8	17 27	5 48	5 28	12 45		n.a.
T 7	13 21	25 51	5 7	15 49	1 17	26 40	3 24	2 45	1 4	22 34	1 14	5 18	2 38	16 0	0 11	23 38	0 6	23 8	17 26	5 48	5 27	12 42		n.a.
F 8	13 42	22 30	4 44	16 25	1 22	26 39	3 20	2 28	1 4	22 33	1 14	5 16	2 38	16 1	0 11	23 38	0 6	23 8	17 26	5 48	5 26	12 39		n.a.
S 9	14 3	18 17	4 10	17 0	1 27	26 38	3 16	2 12	1 4	22 31	1 14	5 15	2 38	16 2	0 11	23 38	0 6	23 8	17 26	5 48	5 25	12 36		n.a.
S 10	14 23	13 23	3 25	17 34	1 32	26 37	3 11	1 55	1 3	22 29	1 14	5 13	2 37	16 3	0 11	23 38	0 6	23 8	17 25	5 49	5 23	12 33		n.a.
M11	14 43	8 0	2 32	18 7	1 37	26 34	3 6	1 39	1 3	22 28	1 14	5 11	2 37	16 4	0 11	23 38	0 6	23 8	17 25	5 49	5 22	12 29		n.a.
T 12	15 3	2 18	1 31	18 40	1 41	26 31	3 1	1 22	1 3	22 26	1 13	5 10	2 37	16 5	0 11	23 38	0 6	23 8	17 25	5 50	5 21	12 26		n.a.
W13	15 22	3n33	0 26	19 11	1 45	26 28	2 55	1 6	1 3	22 24	1 13	5 8	2 37	16 7	0 11	23 38	0 6	23 8	17 24	5 50	5 19	12 23		n.a.
T 14	15 41	9 23	0n41	19 42	1 49	26 24	2 49	0 49	1 2	22 23	1 13	5 7	2 37	16 8	0 11	23 38	0 6	23 8	17 24	5 50	5 18	12 20		n.a.
F 15	16 0	14 57	1 48	20 11	1 52	26 19	2 43	0 33	1 2	22 21	1 13	5 5	2 37	16 9	0 11	23 37	0 6	23 8	17 24	5 50	5 17	12 17		n.a.
S 16	16 19	20 0	2 50	20 40	1 56	26 14	2 36	0 16	1 2	22 19	1 13	5 4	2 36	16 10	0 11	23 37	0 6	23 8	17 23	5 48	5 16	12 14		n.a.
S 17	16 38	24 13	3 45	21 7	1 59	26 8	2 29	0s 0	1 1	22 17	1 13	5 2	2 36	16 11	0 11	23 37	0 6	23 8	17 23	5 47	5 14	12 10		n.a.
M18	16 56	27 15	4 28	21 34	2 1	26 2	2 21	0 17	1 1	22 15	1 13	5 1	2 36	16 12	0 11	23 37	0 6	23 7	17 23	5 45	5 13	12 7		n.a.
T 19	17 13	28 46	4 58	21 59	2 4	25 55	2 13	0 34	1 1	22 13	1 12	5 0	2 36	16 13	0 11	23 37	0 6	23 7	17 22	5 42	5 12	12 4		n.a.
W20	17 31	28 33	5 11	22 22	2 6	25 48	2 5	0 50	1 1	22 12	1 12	4 58	2 36	16 14	0 11	23 37	0 6	23 7	17 22	5 40	5 11	12 1		n.a.
T 21	17 48	26 34	5 6	22 45	2 7	25 40	1 56	1 7	1 0	22 10	1 12	4 57	2 35	16 15	0 11	23 37	0 6	23 7	17 22	5 39	5 9	11 58		n.a.
F 22	18 5	22 58	4 44	23 6	2 8	25 31	1 47	1 23	1 0	22 8	1 12	4 56	2 35	16 16	0 11	23 37	0 6	23 7	17 21	5 38	5 8	11 55		n.a.
S 23	18 21	18 2	4 4	23 25	2 9	25 22	1 37	1 40	1 0	22 5	1 12	4 54	2 35	16 18	0 11	23 37	0 6	23 7	17 21	5 38	5 7	11 51		n.a.
S 24	18 38	12 5	3 9	23 43	2 9	25 13	1 27	1 57	0 59	22 3	1 12	4 53	2 35	16 19	0 11	23 37	0 6	23 6	17 21	5 38	5 6	11 48		n.a.
M25	18 53	5 30	2 2	23 59	2 8	25 2	1 17	2 13	0 59	22 1	1 12	4 52	2 34	16 20	0 11	23 36	0 6	23 6	17 20	5 39	5 4	11 45		n.a.
T 26	19 9	1s22	0 48	24 14	2 7	24 52	1 6	2 30	0 59	21 59	1 12	4 51	2 34	16 21	0 11	23 36	0 6	23 6	17 20	5 39	5 3	11 42		n.a.
W27	19 24	8 11	0s29	24 27	2 6	24 41	0 55	2 46	0 58	21 57	1 11	4 50	2 34	16 22	0 11	23 36	0 6	23 6	17 20	5 39	5 2	11 39		n.a.
T 28	19 39	14 33	1 44	24 38	2 3	24 29	0 43	3 3	0 58	21 55	1 11	4 49	2 34	16 23	0 11	23 36	0 6	23 5	17 19	5 39	5 1	11 35		n.a.
F 29	19 53	20 6	2 51	24 47	2 0	24 17	0 31	3 19	0 57	21 52	1 11	4 48	2 33	16 24	0 11	23 36	0 6	23 5	17 19	5 37	4 59	11 32		n.a.
S 30	20s 7	24s30	3s48	24s54	1s57	24s 4	0s18	3s36	0n57	21s50	1s11	4n47	2s33	16s25	0n11	23s36	0s 6	23s 5	17s18	5n35	4n58	11s29		n.a.

Julian Day Number = 1311551.5, Delta T = 07h41m07s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'56, Lahiri = -19°26'56 Julian Calendar 1 Nov. 1123 BCE == Greg. Calendar 21 Oct. 1123 BCE

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ASTRODIENST EPHEMERIS for the year 1123 BCE
geocentric

DECEMBER 1123 BCE (-1122) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 12	29♏23'11	15♐ 0	16♐31	25°R52	11♎48	29♑15	17°R51	15♏ 2	9♑20	11°R53	13°R47	12♈20	7♓55	n.a.	S 1
M 2	4 0 9	0♐24'29	28°15	17°58	25♐45	12°29	29°25	17♈48	15° 6	9°22	11♓53	13♈39	12°16	8° 2	n.a.	M 2
T 3	4 4 5	1°25'46	11♑ 9	19°22	25°35	13°10	29°36	17°45	15° 9	9°24	11°53	13°30	12°13	8° 9	n.a.	T 3
W 4	4 8 2	2°27'02	23°44	20°43	25°23	13°51	29°47	17°42	15°13	9°26	11°53	13°22	12°10	8°15	n.a.	W 4
T 5	4 11 58	3°28'18	6♒ 2	22° 1	25° 9	14°31	29°58	17°39	15°16	9°28	11°53	13°16	12° 7	8°22	n.a.	T 5
F 6	4 15 55	4°29'33	18° 5	23°14	24°52	15°12	0♒ 8	17°37	15°20	9°30	11°53	13°13	12° 4	8°29	n.a.	F 6
S 7	4 19 51	5°30'46	29°59	24°23	24°32	15°53	0°20	17°34	15°23	9°32	11°D53	13°11	12° 0	8°35	n.a.	S 7
S 8	4 23 48	6°31'59	11♓48	25°26	24°10	16°34	0°31	17°32	15°27	9°34	11°53	13°D11	11°57	8°42	n.a.	S 8
M 9	4 27 44	7°33'11	23°38	26°22	23°46	17°14	0°42	17°30	15°30	9°36	11°53	13°12	11°54	8°49	n.a.	M 9
T 10	4 31 41	8°34'22	5♈34	27°12	23°20	17°55	0°53	17°27	15°34	9°38	11°53	13°13	11°51	8°56	n.a.	T 10
W11	4 35 38	9°35'32	17°41	27°53	22°52	18°36	1° 5	17°25	15°37	9°40	11°53	13°R13	11°48	9° 2	n.a.	W11
T 12	4 39 34	10°36'41	0♉ 3	28°25	22°21	19°17	1°16	17°23	15°40	9°42	11°53	13°11	11°45	9° 9	n.a.	T 12
F 13	4 43 31	11°37'49	12°44	28°47	21°50	19°58	1°28	17°22	15°44	9°44	11°53	13° 7	11°41	9°16	n.a.	F 13
S 14	4 47 27	12°38'57	25°46	28°59	21°16	20°39	1°40	17°20	15°47	9°46	11°54	13° 1	11°38	9°22	n.a.	S 14
S 15	4 51 24	13°40'03	9♊ 8	28°R59	20°42	21°20	1°52	17°18	15°50	9°48	11°54	12°52	11°35	9°29	n.a.	S 15
M16	4 55 20	14°41'08	22°50	28°48	20° 6	22° 1	2° 4	17°17	15°54	9°50	11°54	12°42	11°32	9°36	n.a.	M16
T 17	4 59 17	15°42'12	6♋47	28°26	19°30	22°42	2°16	17°15	15°57	9°52	11°54	12°31	11°29	9°42	n.a.	T 17
W18	5 3 14	16°43'16	20°55	27°52	18°53	23°23	2°28	17°14	16° 0	9°54	11°54	12°20	11°26	9°49	n.a.	W18
T 19	5 7 10	17°44'19	5♌ 9	27° 7	18°15	24° 4	2°40	17°13	16° 4	9°57	11°55	12°12	11°22	9°56	n.a.	T 19
F 20	5 11 7	18°45'20	19°24	26°13	17°38	24°45	2°52	17°12	16° 7	9°59	11°55	12° 6	11°19	10° 2	n.a.	F 20
S 21	5 15 3	19°46'21	3♍37	25°11	17° 1	25°26	3° 5	17°11	16°10	10° 1	11°55	12° 3	11°16	10° 9	n.a.	S 21
S 22	5 19 0	20°47'21	17°46	24° 3	16°25	26° 7	3°17	17°10	16°13	10° 3	11°56	12°D 2	11°13	10°16	n.a.	S 22
M23	5 22 56	21°48'20	1♎48	22°50	15°49	26°48	3°30	17° 9	16°16	10° 5	11°56	12° 2	11°10	10°22	n.a.	M23
T 24	5 26 53	22°49'18	15°45	21°36	15°14	27°29	3°42	17° 8	16°19	10° 7	11°56	12°R 2	11° 6	10°29	n.a.	T 24
W25	5 30 49	23°50'16	29°35	20°22	14°41	28°10	3°55	17° 8	16°22	10°10	11°57	12° 1	11° 3	10°36	n.a.	W25
T 26	5 34 46	24°51'12	13♏17	19°10	14° 9	28°51	4° 8	17° 7	16°26	10°12	11°57	11°57	11° 0	10°42	n.a.	T 26
F 27	5 38 43	25°52'07	26°51	18° 2	13°39	29°32	4°20	17° 7	16°29	10°14	11°58	11°51	10°57	10°49	n.a.	F 27
S 28	5 42 39	26°53'01	10♐16	17° 0	13°10	0♏13	4°33	17° 7	16°32	10°16	11°58	11°41	10°54	10°56	n.a.	S 28
S 29	5 46 36	27°53'54	23°28	16° 4	12°43	0°55	4°46	17°D 7	16°35	10°18	11°59	11°29	10°51	11° 2	n.a.	S 29
M30	5 50 32	28°54'46	6♑27	15°16	12°19	1°36	4°59	17° 7	16°37	10°21	11°59	11°16	10°47	11° 9	n.a.	M30
T 31	5 54 29	29♐55'36	19♑11	14♐36	11♐56	2♏17	5♒12	17♈ 7	16♏40	10♑23	12♓ 0	11♈ 2	10♈44	11♓16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s21	27s26	4s30	25s 0	1s52	23s51	0s 5	3s52	0n57	21s48	1s11	4n46	2s33	16s26	0n11	23s36	0s 6	23s 5	17s18	5n32	4n57	11s26			n.a.
M 2	20 34	28 46	4 57	25 3	1 47	23 38	0n 8	4 9	0 56	21 45	1 11	4 45	2 33	16 27	0 11	23 36	0 6	23 4	17 18	5 28	4 56	11 22			n.a.
T 3	20 47	28 27	5 7	25 4	1 40	23 23	0 22	4 25	0 56	21 43	1 11	4 44	2 32	16 28	0 11	23 36	0 6	23 4	17 17	5 25	4 54	11 19			n.a.
W 4	20 59	26 40	5 2	25 3	1 33	23 9	0 36	4 42	0 55	21 41	1 11	4 43	2 32	16 29	0 11	23 35	0 6	23 4	17 17	5 22	4 53	11 16			n.a.
T 5	21 12	23 39	4 44	25 0	1 25	22 54	0 50	4 58	0 55	21 38	1 10	4 42	2 32	16 30	0 11	23 35	0 6	23 3	17 17	5 19	4 52	11 13			n.a.
F 6	21 23	19 39	4 13	24 55	1 16	22 39	1 5	5 15	0 55	21 36	1 10	4 42	2 32	16 31	0 11	23 35	0 6	23 3	17 16	5 18	4 51	11 10			n.a.
S 7	21 34	14 57	3 31	24 48	1 5	22 23	1 20	5 31	0 54	21 33	1 10	4 41	2 31	16 33	0 11	23 35	0 6	23 3	17 16	5 17	4 49	11 6			n.a.
S 8	21 45	9 43	2 41	24 39	0 54	22 7	1 35	5 47	0 54	21 31	1 10	4 40	2 31	16 34	0 11	23 35	0 6	23 2	17 16	5 17	4 48	11 3			n.a.
M 9	21 56	4 9	1 43	24 28	0 42	21 51	1 50	6 3	0 53	21 28	1 10	4 40	2 31	16 35	0 11	23 35	0 6	23 2	17 15	5 18	4 47	11 0			n.a.
T 10	22 6	1n37	0 41	24 16	0 28	21 34	2 6	6 20	0 53	21 25	1 10	4 39	2 30	16 36	0 11	23 35	0 6	23 2	17 15	5 18	4 46	10 57			n.a.
W11	22 15	7 25	0n24	24 2	0 13	21 17	2 21	6 36	0 52	21 23	1 10	4 38	2 30	16 37	0 11	23 34	0 6	23 1	17 14	5 18	4 44	10 53			n.a.
T 12	22 24	13 3	1 29	23 46	0n 3	21 0	2 37	6 52	0 52	21 20	1 10	4 38	2 30	16 38	0 11	23 34	0 6	23 1	17 14	5 17	4 43	10 50			n.a.
F 13	22 33	18 18	2 31	23 30	0 20	20 43	2 52	7 8	0 52	21 17	1 10	4 37	2 30	16 39	0 11	23 34	0 6	23 1	17 14	5 16	4 42	10 47			n.a.
S 14	22 41	22 51	3 27	23 12	0 37	20 25	3 7	7 24	0 51	21 15	1 10	4 37	2 29	16 40	0 11	23 34	0 6	23 0	17 13	5 13	4 40	10 44			n.a.
S 15	22 49	26 21	4 13	22 54	0 56	20 8	3 22	7 40	0 51	21 12	1 9	4 37	2 29	16 41	0 11	23 34	0 6	23 0	17 13	5 10	4 39	10 40			n.a.
M16	22 56	28 23	4 45	22 35	1 15	19 51	3 37	7 56	0 50	21 9	1 9	4 36	2 29	16 42	0 11	23 34	0 6	22 59	17 13	5 6	4 38	10 37			n.a.
T 17	23 3	28 40	5 2	22 16	1 34	19 34	3 52	8 12	0 50	21 6	1 9	4 36	2 28	16 43	0 11	23 34	0 6	22 59	17 12	5 1	4 37	10 34			n.a.
W18	23 9	27 6	5 0	21 56	1 52	19 17	4 6	8 28	0 49	21 3	1 9	4 36	2 28	16 44	0 11	23 33	0 6	22 58	17 12	4 57	4 35	10 31			n.a.
T 19	23 15	23 48	4 39	21 37	2 11	19 0	4 19	8 44	0 49	21 0	1 9	4 36	2 28	16 44	0 11	23 33	0 6	22 58	17 11	4 54	4 34	10 27			n.a.
F 20	23 21	19 4	4 2	21 18	2 28	18 44	4 32	9 0	0 48	20 57	1 9	4 36	2 28	16 45	0 11	23 33	0 6	22 58	17 11	4 52	4 33	10 24			n.a.
S 21	23 26	13 16	3 9	21 0	2 45	18 28	4 45	9 15	0 48	20 54	1 9	4 35	2 27	16 46	0 11	23 33	0 6	22 57	17 11	4 50	4 32	10 21			n.a.
S 22	23 30	6 50	2 5	20 43	2 59	18 12	4 57	9 31	0 47	20 51	1 9	4 35	2 27	16 47	0 11	23 33	0 6	22 57	17 10	4 50	4 30	10 17			n.a.
M23	23 34	0 6	0 54	20 26	3 12	17 58	5 8	9 46	0 46	20 48	1 9	4 35	2 27	16 48	0 11	23 33	0 6	22 56	17 10	4 50	4 29	10 14			n.a.
T 24	23 38	6s36	0s20	20 12	3 22	17 44	5 18	10 2	0 46	20 45	1 9	4 35	2 26	16 49	0 11	23 33	0 6	22 56	17 10	4 50	4 28	10 11			n.a.
W25	23 41	12 56	1 32	19 59	3 30	17 30	5 28	10 17	0 45	20 42	1 9	4 36	2 26	16 50	0 11	23 32	0 6	22 55	17 9	4 49	4 27	10 8			n.a.
T 26	23 44	18 35	2 38	19 47	3 36	17 17	5 37	10 33	0 45	20 39	1 9	4 36	2 26	16 51	0 11	23 32	0 6	22 55	17 9	4 48	4 25	10 4			n.a.
F 27	23 46	23 14	3 34	19 38	3 39	17 6	5 45	10 48	0 44	20 36	1 9	4 36	2 25	16 52	0 11	23 32	0 6	22 54	17 9	4 45	4 24	10 1			n.a.
S 28	23 48	26 35	4 17	19 32	3 41	16 55	5 53	11 3	0 44	20 33	1 8	4 36	2 25	16 53	0 11	23 32	0 6	22 54	17 8	4 42	4 23	9 58			n.a.
S 29	23 49	28 26	4 46	19 27	3 39	16 45	6 0	11 18	0 43	20 29	1 8	4 36	2 25	16 54	0 11	23 32	0 6	22 53	17 8	4 37	4 22	9 54			n.a.
M30	23 50	28 39	4 59	19 25	3 36	16 36	6 6	11 34	0 42	20 26	1 8	4 37	2 24	16 54	0 11	23 32	0 6	22 53	17 7	4 32	4 20	9 51			n.a.
T 31	23s50	27s20	4s57	19s25	3n32	16s27	6n11	11s49	0n42	20s23	1s 8	4n37	2s24	16s55	0n11	23s31	0s 6	22s52	17s 7	4n26	4n19	9s48			n.a.

Julian Day Number = 1311581.5, Delta T = 07h41m05s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'52, Lahiri = -19°26'52 Julian Calendar 1 Dec. 1123 BCE == Greg. Calendar 20 Nov. 1123 BCE

The year -1122 astronomical counting style corresponds to year 1123 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

JANUARY 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 58 25	0♉56'24	1♒39	14°R 4	11°R36	2♏58	5♒25	17♈ 7	16♏43	10♉25	12♓ 0	10°R49	10♈41	11♓22	n.a.	W 1
T 2	6 2 22	1°57'11	13°53	13♐41	11♐18	3°39	5°39	17° 8	16°46	10°27	12° 1	10♈39	10°38	11°29	n.a.	T 2
F 3	6 6 19	2°57'56	25°55	13°25	11° 3	4°20	5°52	17° 8	16°49	10°30	12° 1	10°31	10°35	11°36	n.a.	F 3
S 4	6 10 15	3°58'39	7♓48	13°18	10°50	5° 2	6° 5	17° 9	16°52	10°32	12° 2	10°26	10°32	11°42	n.a.	S 4
S 5	6 14 12	4°59'20	19°36	13°D17	10°40	5°43	6°18	17°10	16°54	10°34	12° 3	10°24	10°28	11°49	n.a.	S 5
M 6	6 18 8	5°59'59	1♈24	13°24	10°32	6°24	6°32	17°10	16°57	10°37	12° 3	10°23	10°25	11°56	n.a.	M 6
T 7	6 22 5	7° 0'37	13°18	13°38	10°26	7° 5	6°45	17°11	17° 0	10°39	12° 4	10°23	10°22	12° 2	n.a.	T 7
W 8	6 26 1	8° 1'13	25°24	13°57	10°23	7°47	6°59	17°13	17° 2	10°41	12° 5	10°22	10°19	12° 9	n.a.	W 8
T 9	6 29 58	9° 1'46	7♉47	14°22	10°D23	8°28	7°12	17°14	17° 5	10°43	12° 5	10°20	10°16	12°16	n.a.	T 9
F 10	6 33 54	10° 2'18	20°31	14°53	10°25	9° 9	7°26	17°15	17° 8	10°46	12° 6	10°16	10°12	12°22	n.a.	F 10
S 11	6 37 51	11° 2'48	3♊40	15°28	10°29	9°51	7°40	17°16	17°10	10°48	12° 7	10° 8	10° 9	12°29	n.a.	S 11
S 12	6 41 48	12° 3'16	17°15	16° 8	10°36	10°32	7°53	17°18	17°13	10°50	12° 8	9°59	10° 6	12°36	n.a.	S 12
M13	6 45 44	13° 3'42	1♋14	16°51	10°44	11°13	8° 7	17°20	17°15	10°52	12° 8	9°47	10° 3	12°42	n.a.	M13
T 14	6 49 41	14° 4'06	15°34	17°39	10°55	11°55	8°21	17°21	17°17	10°55	12° 9	9°35	10° 0	12°49	n.a.	T 14
W15	6 53 37	15° 4'29	0♌ 9	18°30	11° 9	12°36	8°35	17°23	17°20	10°57	12°10	9°23	9°57	12°55	n.a.	W15
T 16	6 57 34	16° 4'49	14°52	19°24	11°24	13°17	8°49	17°25	17°22	10°59	12°11	9°13	9°53	13° 2	n.a.	T 16
F 17	7 1 30	17° 5'08	29°33	20°21	11°41	13°59	9° 3	17°27	17°24	11° 2	12°12	9° 6	9°50	13° 9	n.a.	F 17
S 18	7 5 27	18° 5'25	14♍ 7	21°21	12° 1	14°40	9°16	17°30	17°27	11° 4	12°13	9° 1	9°47	13°15	n.a.	S 18
S 19	7 9 23	19° 5'41	28°29	22°24	12°22	15°22	9°30	17°32	17°29	11° 6	12°14	9° 0	9°44	13°22	n.a.	S 19
M20	7 13 20	20° 5'54	12♎37	23°29	12°45	16° 3	9°44	17°34	17°31	11° 8	12°15	8°59	9°41	13°29	n.a.	M20
T 21	7 17 17	21° 6'07	26°31	24°36	13°10	16°44	9°59	17°37	17°33	11°11	12°15	8°59	9°38	13°35	n.a.	T 21
W22	7 21 13	22° 6'17	10♏10	25°46	13°36	17°26	10°13	17°39	17°35	11°13	12°16	8°58	9°34	13°42	n.a.	W22
T 23	7 25 10	23° 6'26	23°35	26°57	14° 5	18° 7	10°27	17°42	17°37	11°15	12°17	8°55	9°31	13°49	n.a.	T 23
F 24	7 29 6	24° 6'33	6♐48	28°10	14°35	18°49	10°41	17°45	17°39	11°17	12°18	8°49	9°28	13°55	n.a.	F 24
S 25	7 33 3	25° 6'39	19°50	29°25	15° 6	19°30	10°55	17°48	17°41	11°20	12°19	8°40	9°25	14° 2	n.a.	S 25
S 26	7 36 59	26° 6'42	2♑40	0♑42	15°39	20°12	11° 9	17°51	17°43	11°22	12°20	8°29	9°22	14° 9	n.a.	S 26
M27	7 40 56	27° 6'44	15°19	2° 0	16°13	20°53	11°23	17°54	17°45	11°24	12°21	8°16	9°18	14°15	n.a.	M27
T 28	7 44 52	28° 6'44	27°46	3°20	16°48	21°35	11°38	17°57	17°47	11°26	12°22	8° 3	9°15	14°22	n.a.	T 28
W29	7 48 49	29° 6'41	10♒ 2	4°41	17°25	22°16	11°52	18° 1	17°48	11°28	12°24	7°50	9°12	14°29	n.a.	W29
T 30	7 52 46	0♒ 6'37	22° 8	6° 4	18° 3	22°58	12° 6	18° 4	17°50	11°31	12°25	7°40	9° 9	14°35	n.a.	T 30
F 31	7 56 42	1♒ 6'30	4♓ 5	7♑28	18♐42	23♏39	12♒21	18♈ 8	17♏52	11♑33	12♓26	7♈32	9♈ 6	14♓42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s50	24s41	4s41	19s27	3n26	16s20	6n16	12s 3	0n41	20s19	1s 8	4n37	2s24	16s56	0n11	23s31	0s 6	22s52	17s 7	4n21	4n18	9s45			n.a.
T 2	23 49	20 57	4 12	19 32	3 18	16 14	6 20	12 18	0 41	20 16	1 8	4 38	2 23	16 57	0 11	23 31	0 6	22 51	17 6	4 17	4 16	9 41			n.a.
F 3	23 48	16 24	3 32	19 38	3 10	16 9	6 23	12 33	0 40	20 13	1 8	4 38	2 23	16 58	0 11	23 31	0 6	22 50	17 6	4 14	4 15	9 38			n.a.
S 4	23 46	11 18	2 43	19 46	3 1	16 4	6 26	12 48	0 39	20 9	1 8	4 39	2 23	16 59	0 11	23 31	0 6	22 50	17 6	4 12	4 14	9 35			n.a.
S 5	23 44	5 50	1 48	19 56	2 51	16 1	6 28	13 2	0 39	20 6	1 8	4 39	2 22	16 59	0 11	23 31	0 6	22 49	17 5	4 11	4 13	9 31			n.a.
M 6	23 42	0 9	0 47	20 7	2 41	15 59	6 29	13 17	0 38	20 2	1 8	4 40	2 22	17 0	0 11	23 30	0 6	22 49	17 5	4 11	4 11	9 28			n.a.
T 7	23 38	5n34	0n16	20 19	2 31	15 57	6 30	13 31	0 37	19 59	1 8	4 41	2 22	17 1	0 11	23 30	0 6	22 48	17 5	4 11	4 10	9 25			n.a.
W 8	23 35	11 12	1 19	20 32	2 20	15 56	6 30	13 45	0 37	19 55	1 8	4 41	2 22	17 2	0 11	23 30	0 6	22 48	17 4	4 10	4 9	9 21			n.a.
T 9	23 31	16 32	2 20	20 46	2 9	15 57	6 30	13 59	0 36	19 52	1 8	4 42	2 21	17 2	0 11	23 30	0 6	22 47	17 4	4 9	4 8	9 18			n.a.
F 10	23 27	21 18	3 15	21 1	1 58	15 58	6 29	14 13	0 35	19 48	1 8	4 43	2 21	17 3	0 11	23 30	0 7	22 46	17 4	4 8	4 6	9 15			n.a.
S 11	23 22	25 11	4 2	21 16	1 46	15 59	6 28	14 27	0 35	19 45	1 8	4 44	2 21	17 4	0 11	23 30	0 7	22 46	17 3	4 5	4 5	9 12			n.a.
S 12	23 16	27 48	4 37	21 31	1 35	16 2	6 26	14 41	0 34	19 41	1 8	4 45	2 20	17 5	0 11	23 29	0 7	22 45	17 3	4 1	4 4	9 8			n.a.
M13	23 11	28 46	4 57	21 46	1 24	16 5	6 24	14 55	0 33	19 37	1 8	4 46	2 20	17 5	0 11	23 29	0 7	22 45	17 3	3 56	4 3	9 5			n.a.
T 14	23 4	27 51	4 59	22 2	1 13	16 9	6 21	15 9	0 32	19 34	1 8	4 47	2 20	17 6	0 11	23 29	0 7	22 44	17 2	3 51	4 1	9 2			n.a.
W15	22 58	25 1	4 41	22 17	1 3	16 14	6 19	15 22	0 32	19 30	1 8	4 48	2 19	17 7	0 11	23 29	0 7	22 43	17 2	3 47	4 0	8 58			n.a.
T 16	22 51	20 32	4 5	22 32	0 52	16 19	6 16	15 36	0 31	19 26	1 8	4 49	2 19	17 7	0 11	23 29	0 7	22 43	17 2	3 43	3 59	8 55			n.a.
F 17	22 43	14 48	3 12	22 47	0 42	16 25	6 12	15 49	0 30	19 22	1 8	4 50	2 19	17 8	0 11	23 28	0 7	22 42	17 2	3 40	3 58	8 52			n.a.
S 18	22 35	8 18	2 7	23 1	0 32	16 31	6 8	16 2	0 29	19 19	1 8	4 51	2 18	17 9	0 11	23 28	0 7	22 42	17 1	3 38	3 56	8 48			n.a.
S 19	22 27	1 27	0 55	23 15	0 22	16 37	6 4	16 15	0 28	19 15	1 8	4 52	2 18	17 9	0 11	23 28	0 7	22 41	17 1	3 37	3 55	8 45			n.a.
M20	22 18	5s22	0s19	23 28	0 12	16 45	6 0	16 28	0 28	19 11	1 8	4 53	2 18	17 10	0 11	23 28	0 7	22 40	17 1	3 37	3 54	8 42			n.a.
T 21	22 9	11 48	1 31	23 41	0 2	16 52	5 56	16 41	0 27	19 7	1 8	4 55	2 17	17 10	0 11	23 28	0 7	22 40	17 0	3 37	3 52	8 38			n.a.
W22	21 59	17 35	2 37	23 52	0s 7	17 0	5 51	16 54	0 26	19 3	1 8	4 56	2 17	17 11	0 11	23 28	0 7	22 39	17 0	3 37	3 51	8 35			n.a.
T 23	21 49	22 24	3 33	24 3	0 16	17 8	5 46	17 6	0 25	18 59	1 8	4 57	2 17	17 12	0 11	23 27	0 7	22 38	17 0	3 35	3 50	8 32			n.a.
F 24	21 38	26 0	4 16	24 13	0 24	17 16	5 41	17 19	0 24	18 55	1 8	4 59	2 17	17 12	0 11	23 27	0 7	22 38	17 0	3 33	3 49	8 28			n.a.
S 25	21 28	28 10	4 45	24 22	0 33	17 25	5 36	17 31	0 23	18 52	1 8	5 0	2 16	17 13	0 11	23 27	0 7	22 37	16 59	3 29	3 47	8 25			n.a.
S 26	21 16	28 48	5 0	24 30	0 41	17 34	5 31	17 43	0 23	18 48	1 8	5 1	2 16	17 13	0 11	23 27	0 7	22 36	16 59	3 25	3 46	8 21			n.a.
M27	21 5	27 53	4 59	24 37	0 48	17 43	5 25	17 55	0 22	18 44	1 8	5 3	2 16	17 14	0 11	23 27	0 7	22 36	16 59	3 20	3 45	8 18			n.a.
T 28	20 53	25 35	4 44	24 43	0 56	17 52	5 20	18 7	0 21	18 40	1 8	5 5	2 15	17 14	0 11	23 26	0 7	22 35	16 58	3 14	3 44	8 15			n.a.
W29	20 40	22 7	4 16	24 48	1 3	18 1	5 14	18 19	0 20	18 35	1 8	5 6	2 15	17 15	0 11	23 26	0 7	22 35	16 58	3 10	3 42	8 11			n.a.
T 30	20 27	17 46	3 36	24 51	1 10	18 10	5 8	18 30	0 19	18 31	1 8	5 8	2 15	17 15	0 11	23 26	0 7	22 34	16 58	3 5	3 41	8 8			n.a.
F 31	20s14	12s46	2s48	24s53	1s16	18s19	5n 3	18s42	0n18	18s27	1s 8	5n 9	2s15	17s16	0n11	23s26	0s 7	22s33	16s58	3n 2	3n40	8s 5			n.a.

Julian Day Number = 1311612.5, Delta T = 07h41m04s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'48, Lahiri = -19°26'47 Julian Calendar 1 Jan. 1122 BCE == Greg. Calendar 21 Dec. 1123 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

FEBRUARY 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 39	2♒ 6'21	15♓55	8♑54	19♐22	24♏21	12♒35	18♈11	17♏53	11♑35	12♓27	7°R27	9♈ 3	14♓49	n.a.	S 1
S 2	8 4 35	3° 6'09	27°42	10°21	20° 4	25° 2	12°49	18°15	17°55	11°37	12°28	7♈25	8°59	14°55	n.a.	S 2
M 3	8 8 32	4° 5'55	9♈29	11°49	20°46	25°44	13° 4	18°19	17°56	11°39	12°29	7°D24	8°56	15° 2	n.a.	M 3
T 4	8 12 28	5° 5'39	21°22	13°19	21°30	26°25	13°18	18°23	17°58	11°41	12°30	7°25	8°53	15° 9	n.a.	T 4
W 5	8 16 25	6° 5'21	3♉26	14°50	22°14	27° 7	13°32	18°27	17°59	11°44	12°31	7°R26	8°50	15°15	n.a.	W 5
T 6	8 20 21	7° 5'00	15°46	16°22	22°59	27°48	13°47	18°31	18° 0	11°46	12°32	7°25	8°47	15°22	n.a.	T 6
F 7	8 24 18	8° 4'36	28°28	17°55	23°46	28°30	14° 1	18°35	18° 2	11°48	12°34	7°23	8°44	15°29	n.a.	F 7
S 8	8 28 14	9° 4'11	11♊35	19°30	24°33	29°11	14°15	18°40	18° 3	11°50	12°35	7°19	8°40	15°35	n.a.	S 8
S 9	8 32 11	10° 3'43	25°10	21° 6	25°21	29°52	14°30	18°44	18° 4	11°52	12°36	7°12	8°37	15°42	n.a.	S 9
M10	8 36 8	11° 3'12	9♋14	22°43	26° 9	0♐34	14°44	18°49	18° 5	11°54	12°37	7° 4	8°34	15°49	n.a.	M10
T 11	8 40 4	12° 2'39	23°44	24°22	26°59	1°15	14°59	18°53	18° 6	11°56	12°39	6°55	8°31	15°55	n.a.	T 11
W12	8 44 1	13° 2'04	8♌34	26° 1	27°49	1°57	15°13	18°58	18° 8	11°58	12°40	6°47	8°28	16° 2	n.a.	W12
T 13	8 47 57	14° 1'27	23°35	27°42	28°40	2°38	15°28	19° 3	18° 9	12° 0	12°41	6°40	8°24	16° 9	n.a.	T 13
F 14	8 51 54	15° 0'47	8♍39	29°25	29°31	3°20	15°42	19° 7	18° 9	12° 2	12°42	6°35	8°21	16°15	n.a.	F 14
S 15	8 55 50	16° 0'05	23°37	1♒ 8	0♑24	4° 1	15°56	19°12	18°10	12° 4	12°44	6°32	8°18	16°22	n.a.	S 15
S 16	8 59 47	16°59'22	8♎20	2°53	1°16	4°43	16°11	19°17	18°11	12° 6	12°45	6°D31	8°15	16°29	n.a.	S 16
M17	9 3 43	17°58'36	22°44	4°39	2°10	5°24	16°25	19°22	18°12	12° 8	12°46	6°32	8°12	16°35	n.a.	M17
T 18	9 7 40	18°57'49	6♏47	6°27	3° 4	6° 6	16°40	19°27	18°13	12°10	12°47	6°33	8° 9	16°42	n.a.	T 18
W19	9 11 37	19°56'59	20°29	8°16	3°59	6°47	16°54	19°33	18°13	12°12	12°49	6°R34	8° 5	16°49	n.a.	W19
T 20	9 15 33	20°56'08	3♐50	10° 6	4°54	7°29	17° 9	19°38	18°14	12°14	12°50	6°33	8° 2	16°55	n.a.	T 20
F 21	9 19 30	21°55'15	16°53	11°58	5°49	8°10	17°23	19°43	18°15	12°15	12°51	6°30	7°59	17° 2	n.a.	F 21
S 22	9 23 26	22°54'20	29°41	13°51	6°46	8°52	17°37	19°49	18°15	12°17	12°53	6°25	7°56	17° 9	n.a.	S 22
S 23	9 27 23	23°53'24	12♑15	15°45	7°42	9°33	17°52	19°54	18°16	12°19	12°54	6°19	7°53	17°15	n.a.	S 23
M24	9 31 19	24°52'25	24°37	17°41	8°39	10°15	18° 6	20° 0	18°16	12°21	12°55	6°11	7°50	17°22	n.a.	M24
T 25	9 35 16	25°51'24	6♒49	19°38	9°37	10°56	18°21	20° 6	18°17	12°23	12°57	6° 4	7°46	17°29	n.a.	T 25
W26	9 39 12	26°50'21	18°52	21°37	10°35	11°38	18°35	20°11	18°17	12°25	12°58	5°56	7°43	17°35	n.a.	W26
T 27	9 43 9	27°49'16	0♓49	23°36	11°33	12°19	18°49	20°17	18°17	12°26	12°59	5°51	7°40	17°42	n.a.	T 27
F 28	9 47 5	28♒48'08	12♓40	25♒37	12♑32	13♐ 1	19♒ 4	20♈23	18♏17	12♑28	13♓ 1	5♈46	7♈37	17♓48	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 1	7s21	1s52	24s54	1s22	18s28	4n57	18s53	0n17	18s23	1s 8	5n11	2s14	17s16	0n11	23s26	0s 7	22s33	16s58	3n 0	3n38	8s 1		n.a.
S 2	19 47	1 43	0 52	24 53	1 28	18 37	4 51	19 4	0 16	18 19	1 8	5 13	2 14	17 17	0 11	23 26	0 7	22 32	16 57	2 59	3 37	7 58		n.a.
M 3	19 33	3n59	0n11	24 51	1 34	18 47	4 44	19 15	0 15	18 15	1 8	5 14	2 14	17 17	0 11	23 25	0 7	22 31	16 57	2 59	3 36	7 55		n.a.
T 4	19 18	9 36	1 14	24 47	1 39	18 56	4 38	19 26	0 14	18 11	1 8	5 16	2 13	17 17	0 11	23 25	0 7	22 31	16 57	2 59	3 35	7 51		n.a.
W 5	19 3	14 58	2 15	24 42	1 43	19 4	4 32	19 37	0 13	18 7	1 8	5 18	2 13	17 18	0 11	23 25	0 7	22 30	16 57	3 0	3 33	7 48		n.a.
T 6	18 48	19 51	3 10	24 35	1 48	19 13	4 26	19 48	0 12	18 2	1 8	5 20	2 13	17 18	0 11	23 25	0 7	22 29	16 56	2 59	3 32	7 45		n.a.
F 7	18 33	24 1	3 58	24 27	1 52	19 22	4 19	19 58	0 11	17 58	1 8	5 22	2 13	17 19	0 11	23 25	0 7	22 29	16 56	2 59	3 31	7 41		n.a.
S 8	18 17	27 5	4 36	24 17	1 55	19 30	4 13	20 8	0 10	17 54	1 8	5 24	2 12	17 19	0 11	23 25	0 7	22 28	16 56	2 57	3 30	7 38		n.a.
S 9	18 1	28 43	4 59	24 5	1 58	19 38	4 7	20 18	0 9	17 50	1 8	5 26	2 12	17 19	0 11	23 24	0 7	22 27	16 56	2 54	3 28	7 34		n.a.
M10	17 44	28 35	5 5	23 52	2 1	19 46	4 0	20 28	0 8	17 45	1 8	5 28	2 12	17 20	0 11	23 24	0 7	22 27	16 56	2 51	3 27	7 31		n.a.
T 11	17 28	26 31	4 53	23 37	2 3	19 54	3 54	20 38	0 7	17 41	1 8	5 30	2 11	17 20	0 11	23 24	0 7	22 26	16 55	2 47	3 26	7 28		n.a.
W12	17 11	22 36	4 20	23 20	2 5	20 1	3 47	20 47	0 6	17 37	1 8	5 32	2 11	17 20	0 11	23 24	0 7	22 25	16 55	2 44	3 24	7 24		n.a.
T 13	16 53	17 10	3 30	23 2	2 7	20 8	3 41	20 57	0 5	17 33	1 8	5 34	2 11	17 21	0 11	23 24	0 7	22 25	16 55	2 41	3 23	7 21		n.a.
F 14	16 36	10 41	2 24	22 41	2 8	20 15	3 35	21 6	0 4	17 28	1 8	5 36	2 11	17 21	0 11	23 24	0 7	22 24	16 55	2 39	3 22	7 17		n.a.
S 15	16 18	3 38	1 9	22 19	2 8	20 22	3 28	21 15	0 3	17 24	1 8	5 38	2 10	17 21	0 11	23 23	0 7	22 23	16 55	2 38	3 21	7 14		n.a.
S 16	16 0	3s30	0s10	21 55	2 8	20 28	3 22	21 24	0 2	17 20	1 8	5 40	2 10	17 21	0 11	23 23	0 7	22 23	16 54	2 38	3 19	7 11		n.a.
M17	15 42	10 19	1 26	21 29	2 8	20 34	3 15	21 33	0 1	17 15	1 8	5 42	2 10	17 21	0 11	23 23	0 7	22 22	16 54	2 38	3 18	7 7		n.a.
T 18	15 23	16 27	2 36	21 1	2 7	20 39	3 9	21 41	0s 1	17 11	1 8	5 44	2 10	17 22	0 11	23 23	0 7	22 21	16 54	2 38	3 17	7 4		n.a.
W19	15 4	21 36	3 35	20 31	2 5	20 44	3 2	21 50	0 2	17 6	1 8	5 47	2 9	17 22	0 11	23 23	0 7	22 21	16 54	2 39	3 16	7 1		n.a.
T 20	14 45	25 31	4 20	19 59	2 4	20 49	2 56	21 58	0 3	17 2	1 8	5 49	2 9	17 22	0 11	23 23	0 7	22 20	16 54	2 38	3 14	6 57		n.a.
F 21	14 26	28 0	4 51	19 25	2 1	20 53	2 50	22 6	0 4	16 58	1 8	5 51	2 9	17 22	0 11	23 22	0 7	22 19	16 54	2 37	3 13	6 54		n.a.
S 22	14 6	28 57	5 7	18 49	1 58	20 56	2 43	22 14	0 5	16 53	1 8	5 53	2 9	17 22	0 11	23 22	0 7	22 19	16 54	2 35	3 12	6 50		n.a.
S 23	13 47	28 21	5 7	18 12	1 55	21 0	2 37	22 21	0 6	16 49	1 8	5 56	2 8	17 23	0 11	23 22	0 7	22 18	16 53	2 33	3 10	6 47		n.a.
M24	13 27	26 21	4 53	17 32	1 51	21 2	2 31	22 29	0 8	16 44	1 8	5 58	2 8	17 23	0 11	23 22	0 7	22 17	16 53	2 30	3 9	6 44		n.a.
T 25	13 6	23 9	4 26	16 50	1 46	21 5	2 24	22 36	0 9	16 40	1 9	6 0	2 8	17 23	0 11	23 22	0 7	22 17	16 53	2 27	3 8	6 40		n.a.
W26	12 46	19 0	3 47	16 7	1 41	21 7	2 18	22 43	0 10	16 35	1 9	6 3	2 8	17 23	0 11	23 22	0 7	22 16	16 53	2 24	3 7	6 37		n.a.
T 27	12 26	14 8	2 58	15 22	1 35	21 8	2 12	22 50	0 11	16 31	1 9	6 5	2 8	17 23	0 11	23 21	0 7	22 15	16 53	2 21	3 5	6 33		n.a.
F 28	12s 5	8s48	2s 2	14s35	1s29	21s 9	2n 6	22s56	0s13	16s26	1s 9	6n 8	2s 7	17s23	0n11	23s21	0s 7	22s15	16s53	2n20	3n 4	6s30		n.a.

Julian Day Number = 1311643.5, Delta T = 07h41m02s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'44, Lahiri = -19°26'43 Julian Calendar 1 Feb. 1122 BCE == Greg. Calendar 21 Jan. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

MARCH 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 2	29♒46'58	24♓27	27♒39	13♑31	13♐42	19♒18	20♈29	18♏18	12♑30	13♓ 2	5°R44	7♈34	17♓55	n.a.	S 1
S 2	9 54 59	0♓45'47	6♈14	29°42	14°30	14°23	19°32	20°35	18°18	12°31	13° 4	5°D43	7°30	18° 2	n.a.	S 2
M 3	9 58 55	1°44'32	18° 3	1♓46	15°30	15° 5	19°46	20°41	18°18	12°33	13° 5	5♈44	7°27	18° 8	n.a.	M 3
T 4	10 2 52	2°43'16	29°58	3°51	16°30	15°46	20° 1	20°47	18°R18	12°35	13° 6	5°45	7°24	18°15	n.a.	T 4
W 5	10 6 48	3°41'57	12♉ 3	5°56	17°31	16°27	20°15	20°53	18°18	12°36	13° 8	5°47	7°21	18°22	n.a.	W 5
T 6	10 10 45	4°40'36	24°22	8° 2	18°32	17° 9	20°29	21° 0	18°18	12°38	13° 9	5°48	7°18	18°28	n.a.	T 6
F 7	10 14 41	5°39'13	7♊ 1	10° 8	19°33	17°50	20°43	21° 6	18°17	12°39	13°10	5°R49	7°15	18°35	n.a.	F 7
S 8	10 18 38	6°37'47	20° 3	12°14	20°34	18°31	20°57	21°12	18°17	12°41	13°12	5°48	7°11	18°42	n.a.	S 8
S 9	10 22 34	7°36'19	3♋31	14°20	21°36	19°12	21°11	21°19	18°17	12°42	13°13	5°46	7° 8	18°48	n.a.	S 9
M10	10 26 31	8°34'49	17°29	16°25	22°38	19°53	21°26	21°25	18°17	12°44	13°15	5°43	7° 5	18°55	n.a.	M10
T 11	10 30 28	9°33'16	1♌53	18°30	23°40	20°35	21°40	21°32	18°16	12°45	13°16	5°39	7° 2	19° 2	n.a.	T 11
W12	10 34 24	10°31'42	16°42	20°33	24°43	21°16	21°54	21°39	18°16	12°47	13°17	5°36	6°59	19° 8	n.a.	W12
T 13	10 38 21	11°30'04	1♍47	22°34	25°45	21°57	22° 8	21°45	18°16	12°48	13°19	5°33	6°56	19°15	n.a.	T 13
F 14	10 42 17	12°28'25	17° 0	24°34	26°48	22°38	22°22	21°52	18°15	12°50	13°20	5°31	6°52	19°22	n.a.	F 14
S 15	10 46 14	13°26'44	2♎11	26°32	27°52	23°19	22°36	21°59	18°15	12°51	13°22	5°D30	6°49	19°28	n.a.	S 15
S 16	10 50 10	14°25'01	17°11	28°27	28°55	24° 0	22°49	22° 6	18°14	12°52	13°23	5°30	6°46	19°35	n.a.	S 16
M17	10 54 7	15°23'16	1♏53	0♈19	29°59	24°41	23° 3	22°12	18°13	12°53	13°24	5°31	6°43	19°42	n.a.	M17
T 18	10 58 3	16°21'30	16°10	2° 8	1♒ 3	25°22	23°17	22°19	18°13	12°55	13°26	5°33	6°40	19°48	n.a.	T 18
W19	11 2 0	17°19'42	0♐ 3	3°54	2° 7	26° 3	23°31	22°26	18°12	12°56	13°27	5°34	6°36	19°55	n.a.	W19
T 20	11 5 56	18°17'53	13°30	5°36	3°11	26°44	23°45	22°33	18°11	12°57	13°29	5°R34	6°33	20° 2	n.a.	T 20
F 21	11 9 53	19°16'01	26°33	7°15	4°16	27°25	23°58	22°40	18°10	12°58	13°30	5°34	6°30	20° 8	n.a.	F 21
S 22	11 13 50	20°14'09	9♑17	8°50	5°20	28° 6	24°12	22°47	18° 9	13° 0	13°32	5°34	6°27	20°15	n.a.	S 22
S 23	11 17 46	21°12'15	21°43	10°21	6°25	28°47	24°26	22°55	18° 9	13° 1	13°33	5°32	6°24	20°21	n.a.	S 23
M24	11 21 43	22°10'19	3♒55	11°48	7°31	29°27	24°39	23° 2	18° 8	13° 2	13°34	5°30	6°21	20°28	n.a.	M24
T 25	11 25 39	23° 8'21	15°57	13°10	8°36	0♑ 8	24°53	23° 9	18° 7	13° 3	13°36	5°28	6°17	20°35	n.a.	T 25
W26	11 29 36	24° 6'22	27°51	14°29	9°41	0°49	25° 6	23°16	18° 5	13° 4	13°37	5°27	6°14	20°41	n.a.	W26
T 27	11 33 32	25° 4'21	9♓41	15°42	10°47	1°30	25°20	23°23	18° 4	13° 5	13°38	5°25	6°11	20°48	n.a.	T 27
F 28	11 37 29	26° 2'19	21°28	16°52	11°53	2°10	25°33	23°31	18° 3	13° 6	13°40	5°25	6° 8	20°55	n.a.	F 28
S 29	11 41 25	27° 0'14	3♈16	17°57	12°59	2°51	25°47	23°38	18° 2	13° 7	13°41	5°D24	6° 5	21° 1	n.a.	S 29
S 30	11 45 22	27°58'09	15° 6	18°57	14° 5	3°31	26° 0	23°46	18° 1	13° 8	13°43	5°24	6° 1	21° 8	n.a.	S 30
M31	11 49 19	28♓56'01	27♈ 0	19♈53	15♒11	4♑12	26♒13	23♈53	17♏59	13♑ 9	13♓44	5♈25	5♈58	21♓15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s44	3s10	1s 1	13s46	1s22	21s 9	2n 0	23s 3	0s14	16s22	1s 9	6n10	2s 7	17s23	0n11	23s21	0s 7	22s14	16s53	2n19	3n 3	6s27		n.a.
S 2	11 23	2n34	0n 3	12 55	1 14	21 9	1 53	23 9	0 15	16 17	1 9	6 13	2 7	17 23	0 11	23 21	0 7	22 14	16 53	2 18	3 2	6 23		n.a.
M 3	11 2	8 13	1 7	12 3	1 6	21 8	1 47	23 15	0 17	16 13	1 9	6 15	2 7	17 23	0 11	23 21	0 7	22 13	16 53	2 19	3 0	6 20		n.a.
T 4	10 40	13 39	2 9	11 9	0 58	21 7	1 42	23 21	0 18	16 8	1 9	6 18	2 6	17 23	0 11	23 21	0 7	22 12	16 53	2 19	2 59	6 16		n.a.
W 5	10 19	18 38	3 6	10 14	0 49	21 5	1 36	23 27	0 19	16 4	1 9	6 20	2 6	17 23	0 11	23 21	0 7	22 12	16 53	2 20	2 58	6 13		n.a.
T 6	9 57	22 58	3 56	9 18	0 39	21 3	1 30	23 32	0 21	15 59	1 9	6 23	2 6	17 23	0 11	23 20	0 7	22 11	16 52	2 21	2 56	6 9		n.a.
F 7	9 35	26 21	4 35	8 21	0 30	21 0	1 24	23 38	0 22	15 55	1 9	6 25	2 6	17 23	0 11	23 20	0 7	22 10	16 52	2 21	2 55	6 6		n.a.
S 8	9 13	28 28	5 2	7 23	0 19	20 56	1 18	23 43	0 23	15 50	1 9	6 28	2 6	17 23	0 11	23 20	0 7	22 10	16 52	2 20	2 54	6 3		n.a.
S 9	8 51	29 0	5 14	6 24	0 9	20 52	1 12	23 48	0 25	15 46	1 9	6 31	2 5	17 23	0 11	23 20	0 7	22 9	16 52	2 20	2 53	5 59		n.a.
M10	8 29	27 45	5 7	5 25	0n 2	20 48	1 7	23 52	0 26	15 41	1 10	6 33	2 5	17 23	0 11	23 20	0 7	22 9	16 52	2 18	2 51	5 56		n.a.
T 11	8 7	24 38	4 42	4 25	0 13	20 43	1 1	23 57	0 28	15 37	1 10	6 36	2 5	17 23	0 11	23 20	0 7	22 8	16 52	2 17	2 50	5 52		n.a.
W12	7 44	19 51	3 57	3 26	0 25	20 37	0 56	24 1	0 29	15 32	1 10	6 39	2 5	17 23	0 11	23 20	0 7	22 7	16 52	2 16	2 49	5 49		n.a.
T 13	7 22	13 44	2 55	2 27	0 36	20 31	0 50	24 5	0 30	15 28	1 10	6 41	2 5	17 23	0 11	23 20	0 7	22 7	16 52	2 14	2 48	5 46		n.a.
F 14	6 59	6 45	1 40	1 28	0 47	20 24	0 45	24 9	0 32	15 23	1 10	6 44	2 4	17 22	0 11	23 19	0 7	22 6	16 52	2 14	2 46	5 42		n.a.
S 15	6 37	0s36	0 18	0 31	0 58	20 17	0 40	24 13	0 33	15 19	1 10	6 47	2 4	17 22	0 11	23 19	0 7	22 6	16 52	2 13	2 45	5 39		n.a.
S 16	6 14	7 50	1s 4	0n26	1 10	20 9	0 34	24 16	0 35	15 14	1 10	6 50	2 4	17 22	0 11	23 19	0 7	22 5	16 52	2 13	2 44	5 35		n.a.
M17	5 51	14 31	2 21	1 21	1 20	20 1	0 29	24 20	0 36	15 9	1 10	6 52	2 4	17 22	0 11	23 19	0 7	22 5	16 52	2 14	2 42	5 32		n.a.
T 18	5 28	20 14	3 26	2 15	1 31	19 52	0 24	24 23	0 38	15 5	1 10	6 55	2 4	17 22	0 11	23 19	0 7	22 4	16 52	2 14	2 41	5 28		n.a.
W19	5 5	24 41	4 18	3 7	1 41	19 42	0 19	24 26	0 39	15 0	1 10	6 58	2 4	17 21	0 11	23 19	0 7	22 3	16 52	2 15	2 40	5 25		n.a.
T 20	4 42	27 38	4 53	3 57	1 51	19 32	0 14	24 28	0 41	14 56	1 11	7 1	2 3	17 21	0 11	23 19	0 8	22 3	16 52	2 15	2 39	5 22		n.a.
F 21	4 19	28 59	5 12	4 45	2 0	19 21	0 9	24 31	0 43	14 51	1 11	7 3	2 3	17 21	0 11	23 19	0 8	22 2	16 52	2 15	2 37	5 18		n.a.
S 22	3 56	28 45	5 16	5 31	2 8	19 10	0 5	24 33	0 44	14 47	1 11	7 6	2 3	17 21	0 11	23 19	0 8	22 2	16 52	2 15	2 36	5 15		n.a.
S 23	3 33	27 2	5 4	6 15	2 16	18 58	0 0	24 35	0 46	14 42	1 11	7 9	2 3	17 21	0 11	23 18	0 8	22 1	16 52	2 14	2 35	5 11		n.a.
M24	3 9	24 5	4 38	6 56	2 24	18 46	0s 5	24 37	0 47	14 38	1 11	7 12	2 3	17 20	0 11	23 18	0 8	22 1	16 52	2 13	2 33	5 8		n.a.
T 25	2 46	20 8	4 1	7 35	2 30	18 33	0 9	24 39	0 49	14 33	1 11	7 15	2 3	17 20	0 11	23 18	0 8	22 0	16 52	2 13	2 32	5 4		n.a.
W26	2 23	15 26	3 13	8 11	2 36	18 20	0 13	24 40	0 51	14 29	1 11	7 18	2 2	17 20	0 11	23 18	0 8	22 0	16 52	2 12	2 31	5 1		n.a.
T 27	1 59	10 11	2 18	8 45	2 41	18 6	0 18	24 42	0 52	14 24	1 11	7 20	2 2	17 19	0 11	23 18	0 8	21 59	16 52	2 11	2 30	4 57		n.a.
F 28	1 36	4 36	1 17	9 16	2 45	17 52	0 22	24 43	0 54	14 20	1 12	7 23	2 2	17 19	0 11	23 18	0 8	21 59	16 52	2 11	2 28	4 54		n.a.
S 29	1 13	1n 8	0 12	9 44	2 48	17 37	0 26	24 44	0 56	14 15	1 12	7 26	2 2	17 19	0 11	23 18	0 8	21 58	16 53	2 11	2 27	4 51		n.a.
S 30	0 49	6 52	0n54	10 10	2 51	17 21	0 30	24 44	0 57	14 11	1 12	7 29	2 2	17 18	0 11	23 18	0 8	21 58	16 53	2 11	2 26	4 47		n.a.
M31	0s26	12n23	1n57	10n33	2n52	17s 5	0s34	24s45	0s59	14s 7	1s12	7n32	2s 2	17s18	0n11	23s18	0s 8	21s57	16s53	2n11	2n25	4s44		n.a.

Julian Day Number = 1311671.5, Delta T = 07h41m01s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'40, Lahiri = -19°26'39 Julian Calendar 1 March 1122 BCE == Greg. Calendar 18 Feb. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

APRIL 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 15	29♓53'51	9♉ 1	20♈43	16♒17	4♑52	26♒26	24♈ 0	17°R58	13♑ 9	13♓45	5♈25	5♈55	21♓21	n.a.	T 1
W 2	11 57 12	0♈51'40	21°13	21°30	17°24	5°32	26°39	24° 8	17♏57	13°10	13°47	5°26	5°52	21°28	n.a.	W 2
T 3	12 1 8	1°49'27	3♊37	22°11	18°31	6°12	26°52	24°16	17°55	13°11	13°48	5°26	5°49	21°35	n.a.	T 3
F 4	12 5 5	2°47'13	16°18	22°47	19°37	6°53	27° 5	24°23	17°54	13°12	13°49	5°27	5°46	21°41	n.a.	F 4
S 5	12 9 1	3°44'56	29°19	23°18	20°44	7°33	27°18	24°31	17°52	13°12	13°51	5°R27	5°42	21°48	n.a.	S 5
S 6	12 12 58	4°42'38	12♋42	23°45	21°51	8°13	27°31	24°38	17°51	13°13	13°52	5°27	5°39	21°55	n.a.	S 6
M 7	12 16 54	5°40'18	26°29	24° 6	22°58	8°53	27°44	24°46	17°49	13°14	13°53	5°D27	5°36	22° 1	n.a.	M 7
T 8	12 20 51	6°37'56	10♌41	24°22	24° 6	9°33	27°57	24°54	17°48	13°14	13°55	5°27	5°33	22° 8	n.a.	T 8
W 9	12 24 48	7°35'33	25°16	24°34	25°13	10°13	28°10	25° 1	17°46	13°15	13°56	5°27	5°30	22°15	n.a.	W 9
T 10	12 28 44	8°33'07	10♍10	24°40	26°20	10°52	28°22	25° 9	17°44	13°16	13°57	5°27	5°27	22°21	n.a.	T 10
F 11	12 32 41	9°30'41	25°15	24°R42	27°28	11°32	28°35	25°17	17°43	13°16	13°59	5°27	5°23	22°28	n.a.	F 11
S 12	12 36 37	10°28'12	10♎25	24°39	28°36	12°12	28°47	25°24	17°41	13°17	14° 0	5°R27	5°20	22°34	n.a.	S 12
S 13	12 40 34	11°25'43	25°28	24°31	29°44	12°51	29° 0	25°32	17°39	13°17	14° 1	5°27	5°17	22°41	n.a.	S 13
M14	12 44 30	12°23'12	10♏17	24°19	0♓51	13°31	29°12	25°40	17°37	13°18	14° 2	5°27	5°14	22°48	n.a.	M14
T 15	12 48 27	13°20'40	24°45	24° 2	2° 0	14°10	29°24	25°48	17°36	13°18	14° 4	5°26	5°11	22°54	n.a.	T 15
W16	12 52 23	14°18'07	8♐48	23°42	3° 8	14°49	29°36	25°56	17°34	13°18	14° 5	5°25	5° 7	23° 1	n.a.	W16
T 17	12 56 20	15°15'33	22°23	23°19	4°16	15°29	29°49	26° 3	17°32	13°19	14° 6	5°24	5° 4	23° 8	n.a.	T 17
F 18	13 0 17	16°12'59	5♑33	22°52	5°24	16° 8	0♓ 1	26°11	17°30	13°19	14° 7	5°23	5° 1	23°14	n.a.	F 18
S 19	13 4 13	17°10'23	18°18	22°23	6°33	16°47	0°13	26°19	17°28	13°19	14° 9	5°D23	4°58	23°21	n.a.	S 19
S 20	13 8 10	18° 7'47	0♒43	21°52	7°41	17°26	0°24	26°27	17°26	13°20	14°10	5°23	4°55	23°28	n.a.	S 20
M21	13 12 6	19° 5'09	12°52	21°20	8°50	18° 5	0°36	26°35	17°24	13°20	14°11	5°24	4°52	23°34	n.a.	M21
T 22	13 16 3	20° 2'31	24°50	20°46	9°59	18°43	0°48	26°43	17°22	13°20	14°12	5°25	4°48	23°41	n.a.	T 22
W23	13 19 59	20°59'52	6♓40	20°13	11° 7	19°22	1° 0	26°51	17°20	13°20	14°13	5°27	4°45	23°48	n.a.	W23
T 24	13 23 56	21°57'12	18°27	19°39	12°16	20° 1	1°11	26°59	17°18	13°20	14°14	5°28	4°42	23°54	n.a.	T 24
F 25	13 27 52	22°54'31	0♈14	19° 6	13°25	20°39	1°23	27° 6	17°15	13°20	14°16	5°R29	4°39	24° 1	n.a.	F 25
S 26	13 31 49	23°51'50	12° 4	18°35	14°34	21°17	1°34	27°14	17°13	13°20	14°17	5°29	4°36	24° 8	n.a.	S 26
S 27	13 35 46	24°49'07	24° 0	18° 5	15°43	21°55	1°45	27°22	17°11	13°R20	14°18	5°28	4°33	24°14	n.a.	S 27
M28	13 39 42	25°46'24	6♉ 4	17°38	16°52	22°33	1°57	27°30	17° 9	13°20	14°19	5°26	4°29	24°21	n.a.	M28
T 29	13 43 39	26°43'40	18°18	17°14	18° 2	23°11	2° 8	27°38	17° 7	13°20	14°20	5°23	4°26	24°27	n.a.	T 29
W30	13 47 35	27♈40'55	0♊42	16♈52	19♓11	23♑49	2♓19	27♈46	17♏ 4	13♑20	14♓21	5♈19	4♈23	24♓34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 2	17n31	2n56	10n53	2n53	16s49	0s38	24s45	1s 1	14s 2	1s12	7n35	2s 2	17s18	0n11	23s18	0s 8	21s57	16s53	2n11	2n23	4s40		n.a.
W 2	0n21	22 1	3 48	11 10	2 52	16 32	0 42	24 45	1 3	13 58	1 12	7 38	2 1	17 17	0 11	23 18	0 8	21 56	16 53	2 12	2 22	4 37		n.a.
T 3	0 44	25 38	4 30	11 24	2 50	16 15	0 46	24 45	1 4	13 53	1 12	7 41	2 1	17 17	0 11	23 18	0 8	21 56	16 53	2 12	2 21	4 33		n.a.
F 4	1 8	28 5	5 0	11 35	2 48	15 57	0 49	24 45	1 6	13 49	1 13	7 44	2 1	17 16	0 11	23 18	0 8	21 56	16 53	2 12	2 19	4 30		n.a.
S 5	1 31	29 6	5 16	11 44	2 44	15 39	0 53	24 45	1 8	13 44	1 13	7 47	2 1	17 16	0 11	23 18	0 8	21 55	16 53	2 12	2 18	4 26		n.a.
S 6	1 54	28 26	5 15	11 49	2 39	15 20	0 56	24 44	1 10	13 40	1 13	7 50	2 1	17 16	0 11	23 17	0 8	21 55	16 53	2 12	2 17	4 23		n.a.
M 7	2 17	26 3	4 57	11 52	2 33	15 1	1 0	24 43	1 12	13 36	1 13	7 52	2 1	17 15	0 11	23 17	0 8	21 54	16 53	2 12	2 16	4 19		n.a.
T 8	2 40	22 0	4 20	11 51	2 26	14 42	1 3	24 42	1 13	13 31	1 13	7 55	2 1	17 15	0 11	23 17	0 8	21 54	16 54	2 12	2 14	4 16		n.a.
W 9	3 4	16 31	3 25	11 48	2 18	14 22	1 6	24 41	1 15	13 27	1 13	7 58	2 1	17 14	0 11	23 17	0 8	21 53	16 54	2 12	2 13	4 13		n.a.
T 10	3 27	9 58	2 16	11 42	2 9	14 1	1 9	24 40	1 17	13 23	1 13	8 1	2 0	17 14	0 11	23 17	0 8	21 53	16 54	2 12	2 12	4 9		n.a.
F 11	3 50	2 46	0 56	11 33	1 58	13 41	1 12	24 38	1 19	13 18	1 14	8 4	2 0	17 13	0 11	23 17	0 8	21 53	16 54	2 12	2 10	4 6		n.a.
S 12	4 13	4s36	0s27	11 21	1 47	13 19	1 15	24 36	1 21	13 14	1 14	8 7	2 0	17 13	0 11	23 17	0 8	21 52	16 54	2 12	2 9	4 2		n.a.
S 13	4 36	11 41	1 49	11 7	1 35	12 58	1 18	24 34	1 23	13 10	1 14	8 10	2 0	17 12	0 11	23 17	0 8	21 52	16 54	2 12	2 8	3 59		n.a.
M14	4 58	18 1	3 2	10 50	1 21	12 36	1 20	24 32	1 25	13 6	1 14	8 13	2 0	17 12	0 11	23 17	0 8	21 51	16 54	2 12	2 7	3 55		n.a.
T 15	5 21	23 9	4 1	10 31	1 7	12 14	1 23	24 30	1 27	13 2	1 14	8 16	2 0	17 11	0 11	23 17	0 8	21 51	16 54	2 11	2 5	3 52		n.a.
W16	5 44	26 48	4 44	10 9	0 52	11 51	1 25	24 28	1 29	12 57	1 15	8 19	2 0	17 11	0 11	23 17	0 8	21 51	16 55	2 11	2 4	3 48		n.a.
T 17	6 6	28 45	5 9	9 46	0 37	11 28	1 28	24 25	1 31	12 53	1 15	8 22	2 0	17 10	0 11	23 17	0 8	21 50	16 55	2 11	2 3	3 45		n.a.
F 18	6 29	29 0	5 17	9 21	0 20	11 4	1 30	24 22	1 33	12 49	1 15	8 25	2 0	17 10	0 11	23 17	0 8	21 50	16 55	2 10	2 2	3 41		n.a.
S 19	6 51	27 40	5 9	8 55	0 4	10 41	1 32	24 19	1 35	12 45	1 15	8 28	2 0	17 9	0 11	23 17	0 8	21 50	16 55	2 10	2 0	3 38		n.a.
S 20	7 13	24 59	4 47	8 27	0s13	10 17	1 34	24 16	1 37	12 41	1 15	8 31	2 0	17 8	0 11	23 17	0 8	21 49	16 55	2 10	1 59	3 34		n.a.
M21	7 35	21 15	4 12	7 59	0 30	9 53	1 36	24 13	1 39	12 37	1 15	8 34	1 59	17 8	0 11	23 17	0 8	21 49	16 56	2 11	1 58	3 31		n.a.
T 22	7 58	16 42	3 27	7 31	0 47	9 28	1 38	24 10	1 41	12 33	1 16	8 37	1 59	17 7	0 11	23 17	0 8	21 49	16 56	2 11	1 56	3 28		n.a.
W23	8 19	11 34	2 33	7 2	1 4	9 3	1 40	24 6	1 43	12 29	1 16	8 40	1 59	17 7	0 11	23 17	0 8	21 49	16 56	2 12	1 55	3 24		n.a.
T 24	8 41	6 4	1 33	6 34	1 21	8 38	1 42	24 3	1 45	12 25	1 16	8 43	1 59	17 6	0 11	23 17	0 8	21 48	16 56	2 12	1 54	3 21		n.a.
F 25	9 3	0 21	0 29	6 6	1 37	8 12	1 43	23 59	1 47	12 21	1 16	8 46	1 59	17 6	0 11	23 17	0 8	21 48	16 56	2 13	1 53	3 17		n.a.
S 26	9 24	5n24	0n36	5 40	1 52	7 47	1 45	23 55	1 49	12 17	1 16	8 49	1 59	17 5	0 11	23 17	0 8	21 48	16 57	2 13	1 51	3 14		n.a.
S 27	9 46	11 1	1 41	5 15	2 7	7 21	1 46	23 51	1 51	12 13	1 17	8 51	1 59	17 4	0 11	23 17	0 8	21 47	16 57	2 12	1 50	3 10		n.a.
M28	10 7	16 17	2 41	4 52	2 21	6 55	1 48	23 46	1 53	12 9	1 17	8 54	1 59	17 4	0 11	23 17	0 8	21 47	16 57	2 11	1 49	3 7		n.a.
T 29	10 28	20 59	3 35	4 30	2 34	6 28	1 49	23 42	1 56	12 5	1 17	8 57	1 59	17 3	0 11	23 17	0 8	21 47	16 57	2 10	1 47	3 3		n.a.
W30	10n49	24n51	4n19	4n11	2s46	6s 2	1s50	23s38	1s58	12s 1	1s17	9n 0	1s59	17s 2	0n11	23s17	0s 8	21s47	16s57	2n 9	1n46	3s 0		n.a.

Julian Day Number = 1311702.5, Delta T = 07h40m59s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'36, Lahiri = -19°26'35 Julian Calendar 1 Apr. 1122 BCE == Greg. Calendar 21 March 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

MAY 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 32	28♈38'09	13♊20	16°R35	20♓20	24♉27	2♓30	27♈54	17°R 2	13°R20	14♓22	5°R16	4♈20	24♓41	n.a.	T 1
F 2	13 55 28	29°35'22	26°11	16♈21	21°30	25° 4	2°40	28° 2	17♏ 0	13♉20	14°23	5♈13	4°17	24°47	n.a.	F 2
S 3	13 59 25	0♉32'34	9♋18	16°11	22°39	25°41	2°51	28°10	16°58	13°20	14°24	5°10	4°13	24°54	n.a.	S 3
S 4	14 3 21	1°29'45	22°42	16° 6	23°49	26°18	3° 2	28°18	16°55	13°19	14°25	5° 9	4°10	25° 1	n.a.	S 4
M 5	14 7 18	2°26'55	6♌24	16°D 5	24°59	26°55	3°12	28°26	16°53	13°19	14°26	5°D 9	4° 7	25° 7	n.a.	M 5
T 6	14 11 15	3°24'05	20°25	16° 8	26° 9	27°32	3°23	28°34	16°51	13°19	14°27	5° 9	4° 4	25°14	n.a.	T 6
W 7	14 15 11	4°21'13	4♍43	16°16	27°18	28° 9	3°33	28°41	16°48	13°19	14°28	5°11	4° 1	25°21	n.a.	W 7
T 8	14 19 8	5°18'21	19°18	16°28	28°28	28°45	3°43	28°49	16°46	13°18	14°29	5°12	3°58	25°27	n.a.	T 8
F 9	14 23 4	6°15'27	4♎ 4	16°45	29°38	29°22	3°53	28°57	16°43	13°18	14°30	5°R13	3°54	25°34	n.a.	F 9
S 10	14 27 1	7°12'33	18°57	17° 7	0♈48	29°58	4° 3	29° 5	16°41	13°18	14°31	5°12	3°51	25°41	n.a.	S 10
S 11	14 30 57	8° 9'39	3♏48	17°33	1°58	0♒34	4°13	29°13	16°39	13°17	14°32	5°10	3°48	25°47	n.a.	S 11
M12	14 34 54	9° 6'44	18°31	18° 4	3° 8	1°10	4°23	29°21	16°36	13°17	14°33	5° 6	3°45	25°54	n.a.	M12
T 13	14 38 50	10° 3'49	2♐57	18°39	4°18	1°46	4°32	29°29	16°34	13°16	14°34	5° 2	3°42	26° 1	n.a.	T 13
W14	14 42 47	11° 0'54	17° 2	19°18	5°29	2°21	4°42	29°37	16°31	13°16	14°35	4°56	3°38	26° 7	n.a.	W14
T 15	14 46 44	11°57'58	0♑41	20° 2	6°39	2°56	4°51	29°44	16°29	13°15	14°36	4°51	3°35	26°14	n.a.	T 15
F 16	14 50 40	12°55'03	13°55	20°49	7°49	3°31	5° 1	29°52	16°27	13°14	14°36	4°47	3°32	26°21	n.a.	F 16
S 17	14 54 37	13°52'07	26°43	21°41	9° 0	4° 6	5°10	29°59	16°24	13°14	14°37	4°44	3°29	26°27	n.a.	S 17
S 18	14 58 33	14°49'12	9♒10	22°37	10°10	4°41	5°19	0♉ 8	16°22	13°13	14°38	4°42	3°26	26°34	n.a.	S 18
M19	15 2 30	15°46'16	21°20	23°37	11°21	5°15	5°28	0°15	16°19	13°13	14°39	4°D42	3°23	26°40	n.a.	M19
T 20	15 6 26	16°43'21	3♓17	24°41	12°32	5°50	5°36	0°23	16°17	13°12	14°40	4°43	3°19	26°47	n.a.	T 20
W21	15 10 23	17°40'25	15° 7	25°49	13°42	6°24	5°45	0°31	16°14	13°11	14°40	4°45	3°16	26°54	n.a.	W21
T 22	15 14 20	18°37'30	26°54	27° 0	14°53	6°57	5°54	0°39	16°12	13°10	14°41	4°46	3°13	27° 0	n.a.	T 22
F 23	15 18 16	19°34'35	8♈43	28°16	16° 4	7°31	6° 2	0°46	16° 9	13°10	14°42	4°R46	3°10	27° 7	n.a.	F 23
S 24	15 22 13	20°31'40	20°38	29°35	17°15	8° 4	6°10	0°54	16° 7	13° 9	14°42	4°45	3° 7	27°14	n.a.	S 24
S 25	15 26 9	21°28'46	2♉43	0♉58	18°26	8°37	6°18	1° 2	16° 5	13° 8	14°43	4°41	3° 4	27°20	n.a.	S 25
M26	15 30 6	22°25'51	14°59	2°24	19°37	9°10	6°26	1° 9	16° 2	13° 7	14°44	4°36	3° 0	27°27	n.a.	M26
T 27	15 34 2	23°22'57	27°28	3°54	20°48	9°42	6°34	1°17	16° 0	13° 6	14°44	4°29	2°57	27°34	n.a.	T 27
W28	15 37 59	24°20'03	10♊11	5°28	21°59	10°14	6°42	1°24	15°57	13° 5	14°45	4°20	2°54	27°40	n.a.	W28
T 29	15 41 55	25°17'09	23° 7	7° 5	23°10	10°46	6°50	1°32	15°55	13° 4	14°46	4°11	2°51	27°47	n.a.	T 29
F 30	15 45 52	26°14'15	6♋17	8°45	24°21	11°18	6°57	1°39	15°53	13° 3	14°46	4° 3	2°48	27°54	n.a.	F 30
S 31	15 49 49	27♉11'21	19♋39	10♉29	25♈32	11♒49	7♓ 4	1♉47	15♏50	13♉ 2	14♓47	3♈57	2♈44	28♓ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	11n10	27n35	4n52	3n54	2s57	5s35	1s51	23s33	2s 0	11s57	1s17	9n 3	1s59	17s 2	0n11	23s17	0s 8	21s47	16s58	2n 8		1n45		2s56			n.a.
F 2	11 30	28 57	5 10	3 40	3 7	5 8	1 52	23 28	2 2	11 54	1 18	9 6	1 59	17 1	0 11	23 17	0 8	21 46	16 58	2 6		1 44		2 53			n.a.
S 3	11 51	28 42	5 13	3 28	3 16	4 41	1 53	23 23	2 4	11 50	1 18	9 9	1 59	17 0	0 11	23 17	0 8	21 46	16 58	2 5		1 42		2 49			n.a.
S 4	12 11	26 48	5 0	3 19	3 23	4 14	1 54	23 18	2 7	11 46	1 18	9 12	1 59	17 0	0 11	23 17	0 8	21 46	16 58	2 5		1 41		2 46			n.a.
M 5	12 31	23 18	4 29	3 13	3 29	3 46	1 54	23 13	2 9	11 43	1 18	9 15	1 59	16 59	0 11	23 17	0 8	21 46	16 59	2 5		1 40		2 42			n.a.
T 6	12 51	18 25	3 41	3 9	3 35	3 19	1 55	23 8	2 11	11 39	1 19	9 18	1 59	16 58	0 11	23 17	0 8	21 46	16 59	2 5		1 38		2 39			n.a.
W 7	13 11	12 24	2 40	3 9	3 39	2 51	1 55	23 3	2 14	11 35	1 19	9 20	1 59	16 58	0 11	23 17	0 8	21 45	16 59	2 5		1 37		2 35			n.a.
T 8	13 30	5 37	1 26	3 11	3 41	2 23	1 56	22 58	2 16	11 32	1 19	9 23	1 59	16 57	0 11	23 18	0 8	21 45	16 59	2 6		1 36		2 32			n.a.
F 9	13 49	1s33	0 6	3 16	3 43	1 55	1 56	22 52	2 18	11 28	1 19	9 26	1 59	16 56	0 11	23 18	0 8	21 45	17 0	2 6		1 35		2 28			n.a.
S 10	14 9	8 41	1s15	3 23	3 44	1 27	1 56	22 46	2 21	11 25	1 19	9 29	1 59	16 56	0 11	23 18	0 8	21 45	17 0	2 6		1 33		2 25			n.a.
S 11	14 27	15 20	2 30	3 34	3 44	0 59	1 56	22 41	2 23	11 21	1 20	9 32	1 59	16 55	0 10	23 18	0 8	21 45	17 0	2 5		1 32		2 22			n.a.
M12	14 46	21 3	3 35	3 46	3 43	0 30	1 56	22 35	2 25	11 18	1 20	9 35	1 58	16 54	0 10	23 18	0 8	21 45	17 0	2 4		1 31		2 18			n.a.
T 13	15 4	25 24	4 24	4 2	3 40	0 2	1 56	22 29	2 28	11 15	1 20	9 37	1 58	16 54	0 10	23 18	0 8	21 45	17 1	2 2		1 30		2 15			n.a.
W14	15 23	28 6	4 56	4 20	3 37	0n26	1 56	22 23	2 30	11 11	1 20	9 40	1 58	16 53	0 10	23 18	0 8	21 45	17 1	2 0		1 28		2 11			n.a.
T 15	15 40	29 0	5 10	4 40	3 34	0 55	1 56	22 17	2 32	11 8	1 21	9 43	1 58	16 52	0 10	23 18	0 8	21 45	17 1	1 57		1 27		2 8			n.a.
F 16	15 58	28 11	5 7	5 2	3 29	1 23	1 56	22 11	2 35	11 5	1 21	9 46	1 58	16 52	0 10	23 18	0 8	21 44	17 2	1 56		1 26		2 4			n.a.
S 17	16 16	25 52	4 49	5 27	3 23	1 52	1 55	22 5	2 37	11 2	1 21	9 49	1 58	16 51	0 10	23 18	0 9	21 44	17 2	1 55		1 24		2 1			n.a.
S 18	16 33	22 22	4 17	5 54	3 17	2 20	1 55	21 59	2 40	10 59	1 21	9 51	1 58	16 50	0 10	23 18	0 9	21 44	17 2	1 54		1 23		1 57			n.a.
M19	16 50	18 0	3 34	6 23	3 10	2 49	1 54	21 53	2 42	10 55	1 22	9 54	1 58	16 49	0 10	23 18	0 9	21 44	17 3	1 54		1 22		1 54			n.a.
T 20	17 6	12 59	2 43	6 53	3 3	3 17	1 54	21 47	2 45	10 52	1 22	9 57	1 58	16 49	0 10	23 18	0 9	21 44	17 3	1 54		1 21		1 50			n.a.
W21	17 23	7 34	1 45	7 26	2 54	3 46	1 53	21 40	2 47	10 49	1 22	10 0	1 58	16 48	0 10	23 18	0 9	21 44	17 3	1 55		1 19		1 47			n.a.
T 22	17 39	1 54	0 43	8 0	2 46	4 14	1 52	21 34	2 50	10 46	1 23	10 2	1 58	16 47	0 10	23 19	0 9	21 44	17 3	1 55		1 18		1 43			n.a.
F 23	17 55	3n50	0n21	8 36	2 36	4 43	1 51	21 28	2 52	10 44	1 23	10 5	1 58	16 47	0 10	23 19	0 9	21 44	17 4	1 55		1 17		1 40			n.a.
S 24	18 10	9 30	1 25	9 13	2 27	5 11	1 50	21 21	2 55	10 41	1 23	10 8	1 58	16 46	0 10	23 19	0 9	21 44	17 4	1 55		1 15		1 36			n.a.
S 25	18 26	14 53	2 25	9 52	2 16	5 39	1 49	21 15	2 57	10 38	1 23	10 10	1 58	16 45	0 10	23 19	0 9	21 44	17 4	1 54		1 14		1 33			n.a.
M26	18 41	19 46	3 20	10 32	2 6	6 8	1 48	21 9	3 0	10 35	1 24	10 13	1 59	16 45	0 10	23 19	0 9	21 44	17 5	1 51		1 13		1 29			n.a.
T 27	18 55	23 54	4 5	11 14	1 55	6 36	1 47	21 2	3 3	10 32	1 24	10 16	1 59	16 44	0 10	23 19	0 9	21 44	17 5	1 48		1 12		1 26			n.a.
W28	19 10	26 57	4 40	11 56	1 43	7 4	1 46	20 56	3 5	10 30	1 24	10 18	1 59	16 43	0 10	23 19	0 9	21 44	17 5	1 45		1 10		1 22			n.a.
T 29	19 24	28 39	5 1	12 39	1 32	7 32	1 45	20 49	3 8	10 27	1 24	10 21	1 59	16 42	0 10	23 19	0 9	21 44	17 6	1 42		1 9		1 19			n.a.
F 30	19 38	28 46	5 6	13 23	1 20	7 59	1 43	20 43	3 10	10 25	1 25	10 23	1 59	16 42	0 10	23 19	0 9	21 44	17 6	1 38		1 8		1 15			n.a.
S 31	19n51	27n14	4n55	14n 8	1s 8	8n27	1s42	20s37	3s13	10s22	1s25	10n26	1s59	16s41	0n10	23s19	0s 9	21s45	17s 6	1n36		1n 6		1s12			n.a.

Julian Day Number = 1311732.5, Delta T = 07h40m57s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'32, Lahiri = -19°26'31 Julian Calendar 1 May 1122 BCE == Greg. Calendar 20 Apr. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

JUNE 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 45	28♉ 8'27	3♌14	12♉15	26♈43	12♒20	7♓11	1♉54	15°R48	13°R 1	14♓47	3°R52	2♈41	28♓ 7	n.a.	S 1
M 2	15 57 42	29° 5'33	16°59	14° 5	27°55	12°51	7°18	2° 1	15♏45	13♑ 0	14°48	3♈49	2°38	28°14	n.a.	M 2
T 3	16 1 38	0♊ 2'39	0♍56	15°58	29° 6	13°21	7°25	2° 9	15°43	12°59	14°48	3°D49	2°35	28°20	n.a.	T 3
W 4	16 5 35	0°59'45	15° 3	17°53	0♉17	13°51	7°32	2°16	15°41	12°58	14°49	3°49	2°32	28°27	n.a.	W 4
T 5	16 9 31	1°56'51	29°21	19°51	1°29	14°20	7°38	2°23	15°38	12°57	14°49	3°R50	2°29	28°33	n.a.	T 5
F 6	16 13 28	2°53'58	13♎45	21°51	2°40	14°50	7°45	2°31	15°36	12°56	14°50	3°50	2°25	28°40	n.a.	F 6
S 7	16 17 25	3°51'04	28°15	23°54	3°52	15°19	7°51	2°38	15°34	12°55	14°50	3°47	2°22	28°47	n.a.	S 7
S 8	16 21 21	4°48'11	12♏44	25°57	5° 4	15°47	7°57	2°45	15°32	12°54	14°50	3°43	2°19	28°53	n.a.	S 8
M 9	16 25 18	5°45'18	27° 7	28° 3	6°15	16°15	8° 3	2°52	15°29	12°52	14°51	3°36	2°16	29° 0	n.a.	M 9
T 10	16 29 14	6°42'26	11♐19	0♊ 9	7°27	16°43	8° 9	2°59	15°27	12°51	14°51	3°27	2°13	29° 7	n.a.	T 10
W11	16 33 11	7°39'35	25°14	2°16	8°39	17°11	8°14	3° 6	15°25	12°50	14°51	3°17	2°10	29°13	n.a.	W11
T 12	16 37 7	8°36'44	8♑48	4°24	9°51	17°38	8°20	3°13	15°23	12°49	14°52	3° 7	2° 6	29°20	n.a.	T 12
F 13	16 41 4	9°33'55	21°58	6°32	11° 2	18° 4	8°25	3°20	15°21	12°47	14°52	2°58	2° 3	29°27	n.a.	F 13
S 14	16 45 0	10°31'06	4♒46	8°39	12°14	18°31	8°30	3°27	15°18	12°46	14°52	2°51	2° 0	29°33	n.a.	S 14
S 15	16 48 57	11°28'17	17°14	10°47	13°26	18°56	8°35	3°34	15°16	12°45	14°53	2°46	1°57	29°40	n.a.	S 15
M16	16 52 54	12°25'30	29°24	12°54	14°38	19°22	8°40	3°41	15°14	12°43	14°53	2°43	1°54	29°47	n.a.	M16
T 17	16 56 50	13°22'44	11♓21	15° 0	15°51	19°47	8°44	3°47	15°12	12°42	14°53	2°D42	1°50	29°53	n.a.	T 17
W18	17 0 47	14°19'59	23°11	17° 5	17° 3	20°11	8°48	3°54	15°10	12°41	14°53	2°42	1°47	29°59	n.a.	W18
T 19	17 4 43	15°17'15	4♈59	19° 9	18°15	20°35	8°53	4° 1	15° 8	12°39	14°53	2°R43	1°44	0♈ 6	n.a.	T 19
F 20	17 8 40	16°14'33	16°51	21°12	19°27	20°58	8°57	4° 7	15° 6	12°38	14°54	2°42	1°41	0°13	n.a.	F 20
S 21	17 12 36	17°11'51	28°51	23°14	20°39	21°21	9° 1	4°14	15° 4	12°36	14°54	2°39	1°38	0°20	n.a.	S 21
S 22	17 16 33	18° 9'11	11♉ 3	25°14	21°52	21°44	9° 4	4°20	15° 2	12°35	14°54	2°34	1°35	0°26	n.a.	S 22
M23	17 20 30	19° 6'31	23°30	27°13	23° 4	22° 6	9° 8	4°27	15° 0	12°33	14°54	2°26	1°31	0°33	n.a.	M23
T 24	17 24 26	20° 3'53	6♊15	29°10	24°17	22°27	9°11	4°33	14°59	12°32	14°54	2°16	1°28	0°40	n.a.	T 24
W25	17 28 23	21° 1'17	19°17	1♋ 6	25°29	22°48	9°14	4°40	14°57	12°30	14°54	2° 4	1°25	0°46	n.a.	W25
T 26	17 32 19	21°58'41	2♋36	3° 0	26°42	23° 8	9°17	4°46	14°55	12°29	14°R54	1°52	1°22	0°53	n.a.	T 26
F 27	17 36 16	22°56'06	16°10	4°52	27°54	23°28	9°20	4°52	14°53	12°27	14°54	1°40	1°19	1° 0	n.a.	F 27
S 28	17 40 12	23°53'33	29°55	6°43	29° 7	23°47	9°22	4°58	14°51	12°26	14°54	1°30	1°16	1° 6	n.a.	S 28
S 29	17 44 9	24°51'00	13♌49	8°33	0♊19	24° 5	9°25	5° 4	14°50	12°24	14°54	1°23	1°12	1°13	n.a.	S 29
M30	17 48 5	25♊48'28	27♌48	10♋21	1♊32	24♒23	9♓27	5♉10	14♏48	12♑23	14♓54	1♈19	1♈ 9	1♈20	n.a.	M30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl		lat	decl		lat	decl		lat	decl		lat	decl		lat	decl		lat	decl		lat	decl	decl	decl	decl	lat
S 1	20n 4	24n 5		4n27	14n52		0s56	8n55		1s40	20s30		3s16	10s20		1s25	10n29		1s59	16s40		0n10	23s20	0s 9	21s45	17s 7	1n34	1n 5	1s 8		n.a.
M 2	20 17	19 33		3 44	15 37		0 44	9 22		1 39	20 24		3 18	10 17		1 26	10 31		1 59	16 40		0 10	23 20	0 9	21 45	17 7	1 33	1 4	1 5		n.a.
T 3	20 29	13 55		2 47	16 22		0 32	9 49		1 37	20 18		3 21	10 15		1 26	10 34		1 59	16 39		0 10	23 20	0 9	21 45	17 7	1 32	1 3	1 1		n.a.
W 4	20 42	7 30		1 39	17 7		0 20	10 16		1 36	20 11		3 24	10 13		1 26	10 36		1 59	16 38		0 10	23 20	0 9	21 45	17 8	1 33	1 1	0 58		n.a.
T 5	20 53	0 38		0 24	17 51		0 9	10 43		1 34	20 5		3 27	10 11		1 26	10 39		1 59	16 38		0 10	23 20	0 9	21 45	17 8	1 33	1 0	0 54		n.a.
F 6	21 5	6s19		0s53	18 34		0n 3	11 9		1 32	19 59		3 29	10 8		1 27	10 41		1 59	16 37		0 10	23 20	0 9	21 45	17 8	1 33	0 59	0 51		n.a.
S 7	21 16	12 59		2 7	19 16		0 14	11 36		1 30	19 53		3 32	10 6		1 27	10 43		1 59	16 36		0 10	23 20	0 9	21 45	17 9	1 32	0 57	0 47		n.a.
S 8	21 27	18 57		3 12	19 57		0 24	12 2		1 29	19 47		3 35	10 4		1 27	10 46		1 59	16 36		0 10	23 21	0 9	21 46	17 9	1 30	0 56	0 44		n.a.
M 9	21 37	23 48		4 5	20 37		0 35	12 28		1 27	19 40		3 38	10 2		1 28	10 48		1 59	16 35		0 10	23 21	0 9	21 46	17 9	1 27	0 55	0 40		n.a.
T 10	21 47	27 9		4 41	21 14		0 44	12 53		1 25	19 34		3 40	10 0		1 28	10 51		1 59	16 34		0 10	23 21	0 9	21 46	17 10	1 24	0 54	0 37		n.a.
W11	21 57	28 45		5 0	21 50		0 53	13 19		1 23	19 29		3 43	9 59		1 28	10 53		1 59	16 34		0 10	23 21	0 9	21 46	17 10	1 19	0 52	0 33		n.a.
T 12	22 6	28 33		5 2	22 23		1 2	13 44		1 21	19 23		3 46	9 57		1 29	10 55		1 59	16 33		0 10	23 21	0 9	21 46	17 10	1 15	0 51	0 30		n.a.
F 13	22 15	26 43		4 47	22 54		1 10	14 9		1 18	19 17		3 49	9 55		1 29	10 58		1 59	16 32		0 10	23 21	0 9	21 46	17 11	1 12	0 50	0 26		n.a.
S 14	22 23	23 33		4 18	23 23		1 17	14 33		1 16	19 11		3 52	9 53		1 29	11 0		1 59	16 32		0 10	23 21	0 9	21 47	17 11	1 9	0 48	0 23		n.a.
S 15	22 32	19 22		3 37	23 48		1 24	14 57		1 14	19 6		3 55	9 52		1 29	11 2		1 59	16 31		0 10	23 21	0 9	21 47	17 11	1 7	0 47	0 19		n.a.
M16	22 39	14 29		2 48	24 12		1 30	15 21		1 12	19 0		3 57	9 50		1 30	11 5		2 0	16 31		0 10	23 22	0 9	21 47	17 12	1 6	0 46	0 16		n.a.
T 17	22 47	9 8		1 51	24 32		1 35	15 45		1 10	18 55		4 0	9 49		1 30	11 7		2 0	16 30		0 10	23 22	0 9	21 47	17 12	1 6	0 45	0 12		n.a.
W18	22 54	3 31		0 50	24 50		1 39	16 8		1 7	18 50		4 3	9 48		1 30	11 9		2 0	16 29		0 10	23 22	0 9	21 48	17 12	1 6	0 43	0 9		n.a.
T 19	23 0	2n12		0n12	25 5		1 43	16 30		1 5	18 44		4 6	9 46		1 31	11 11		2 0	16 29		0 10	23 22	0 9	21 48	17 13	1 6	0 42	0 5		n.a.
F 20	23 6	7 52		1 14	25 17		1 46	16 53		1 2	18 39		4 9	9 45		1 31	11 13		2 0	16 28		0 10	23 22	0 9	21 48	17 13	1 5	0 41	0 2		n.a.
S 21	23 12	13 19		2 14	25 27		1 48	17 15		1 0	18 35		4 12	9 44		1 31	11 16		2 0	16 28		0 10	23 22	0 9	21 48	17 14	1 4	0 39	0n 2		n.a.
S 22	23 18	18 22		3 8	25 34		1 50	17 36		0 58	18 30		4 15	9 43		1 32	11 18		2 0	16 27		0 10	23 23	0 9	21 49	17 14	1 2	0 38	0 5		n.a.
M23	23 23	22 44		3 55	25 39		1 51	17 57		0 55	18 25		4 18	9 42		1 32	11 20		2 0	16 27		0 10	23 23	0 9	21 49	17 14	0 59	0 37	0 9		n.a.
T 24	23 27	26 9		4 31	25 41		1 51	18 18		0 53	18 21		4 20	9 41		1 32	11 22		2 0	16 26		0 10	23 23	0 9	21 49	17 15	0 55	0 36	0 12		n.a.
W25	23 31	28 16		4 53	25 40		1 51	18 38		0 50	18 17		4 23	9 40		1 33	11 24		2 0	16 26		0 10	23 23	0 9	21 49	17 15	0 50	0 34	0 16		n.a.
T 26	23 35	28 49		5 1	25 37		1 50	18 58		0 48	18 13		4 26	9 39		1 33	11 26		2 0	16 25		0 10	23 23	0 9	21 50	17 15	0 45	0 33	0 19		n.a.
F 27	23 38	27 39		4 51	25 33		1 48	19 17		0 45	18 9		4 29	9 38		1 33	11 28		2 0	16 25		0 10	23 23	0 9	21 50	17 16	0 40	0 32	0 23		n.a.
S 28	23 41	24 49		4 25	25 26		1 46	19 36		0 42	18 5		4 32	9 38		1 34	11 30		2 1	16 24		0 10	23 23	0 9	21 50	17 16	0 37	0 31	0 26		n.a.
S 29	23 44	20 30		3 43	25 17		1 44	19 54		0 40	18 1		4 35	9 37		1 34	11 32		2 1	16 24		0 10	23 24	0 9	21 51	17 16	0 34	0 29	0 30		n.a.
M30	23n46	15n 2		2n47	25n 6		1n41	20n12		0s37	17s58		4s38	9s36		1s34	11n34		2s 1	16s23		0n10	23s24	0s 9	21s51	17s17	0n32	0n28	0n33		n.a.

Julian Day Number = 1311763.5, Delta T = 07h40m56s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'27, Lahiri = -19°26'27 Julian Calendar 1 June 1122 BCE == Greg. Calendar 21 May 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

JULY 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 2	26♊45'57	11♍52	12♋ 7	2♊45	24♒40	9♓29	5♉16	14°R46	12°R21	14°R54	1°R17	1♈ 6	1♈26	n.a.	T 1
W 2	17 55 59	27°43'27	25°58	13°52	3°58	24°56	9°31	5°22	14♏45	12♑20	14♓54	1♈17	1° 3	1°33	n.a.	W 2
T 3	17 59 55	28°40'58	10♎ 6	15°35	5°11	25°12	9°32	5°28	14°43	12°18	14°53	1°16	1° 0	1°40	n.a.	T 3
F 4	18 3 52	29°38'30	24°14	17°17	6°23	25°27	9°34	5°34	14°42	12°17	14°53	1°15	0°56	1°46	n.a.	F 4
S 5	18 7 48	0♋36'03	8♏21	18°57	7°36	25°42	9°35	5°39	14°40	12°15	14°53	1°12	0°53	1°53	n.a.	S 5
S 6	18 11 45	1°33'38	22°26	20°35	8°49	25°56	9°36	5°45	14°39	12°13	14°53	1° 6	0°50	1°59	n.a.	S 6
M 7	18 15 41	2°31'13	6♐24	22°12	10° 2	26° 9	9°37	5°51	14°38	12°12	14°53	0°58	0°47	2° 6	n.a.	M 7
T 8	18 19 38	3°28'50	20°13	23°48	11°15	26°21	9°37	5°56	14°36	12°10	14°52	0°47	0°44	2°13	n.a.	T 8
W 9	18 23 34	4°26'28	3♑48	25°22	12°29	26°33	9°38	6° 1	14°35	12° 9	14°52	0°35	0°41	2°19	n.a.	W 9
T 10	18 27 31	5°24'08	17° 6	26°54	13°42	26°44	9°38	6° 7	14°34	12° 7	14°52	0°23	0°37	2°26	n.a.	T 10
F 11	18 31 28	6°21'49	0♒ 6	28°25	14°55	26°54	9°R38	6°12	14°33	12° 5	14°52	0°11	0°34	2°33	n.a.	F 11
S 12	18 35 24	7°19'32	12°47	29°55	16° 8	27° 4	9°38	6°17	14°31	12° 4	14°51	0° 2	0°31	2°39	n.a.	S 12
S 13	18 39 21	8°17'17	25°10	1♌23	17°22	27°13	9°37	6°22	14°30	12° 2	14°51	29♓56	0°28	2°46	n.a.	S 13
M14	18 43 17	9°15'03	7♓18	2°49	18°35	27°20	9°37	6°27	14°29	12° 0	14°51	29°52	0°25	2°53	n.a.	M14
T 15	18 47 14	10°12'51	19°15	4°14	19°48	27°28	9°36	6°32	14°28	11°59	14°50	29°50	0°22	2°59	n.a.	T 15
W16	18 51 10	11°10'41	1♈ 5	5°37	21° 2	27°34	9°35	6°37	14°27	11°57	14°50	29°D49	0°18	3° 6	n.a.	W16
T 17	18 55 7	12° 8'33	12°53	6°59	22°15	27°39	9°34	6°42	14°26	11°55	14°49	29°R50	0°15	3°13	n.a.	T 17
F 18	18 59 3	13° 6'27	24°45	8°19	23°29	27°44	9°33	6°47	14°25	11°54	14°49	29°49	0°12	3°19	n.a.	F 18
S 19	19 3 0	14° 4'23	6♉47	9°37	24°43	27°48	9°31	6°51	14°24	11°52	14°48	29°47	0° 9	3°26	n.a.	S 19
S 20	19 6 57	15° 2'20	19° 3	10°53	25°56	27°51	9°29	6°56	14°24	11°51	14°48	29°43	0° 6	3°33	n.a.	S 20
M21	19 10 53	16° 0'20	1♊37	12° 8	27°10	27°53	9°27	7° 0	14°23	11°49	14°47	29°36	0° 2	3°39	n.a.	M21
T 22	19 14 50	16°58'22	14°32	13°21	28°24	27°54	9°25	7° 5	14°22	11°47	14°47	29°27	29♓59	3°46	n.a.	T 22
W23	19 18 46	17°56'26	27°50	14°32	29°37	27°R54	9°23	7° 9	14°22	11°46	14°46	29°16	29°56	3°52	n.a.	W23
T 24	19 22 43	18°54'32	11♋28	15°40	0♋51	27°53	9°20	7°13	14°21	11°44	14°46	29° 4	29°53	3°59	n.a.	T 24
F 25	19 26 39	19°52'39	25°25	16°47	2° 5	27°52	9°18	7°17	14°20	11°42	14°45	28°54	29°50	4° 6	n.a.	F 25
S 26	19 30 36	20°50'49	9♌36	17°51	3°19	27°50	9°15	7°21	14°20	11°41	14°45	28°44	29°47	4°12	n.a.	S 26
S 27	19 34 33	21°49'00	23°55	18°53	4°33	27°46	9°11	7°25	14°19	11°39	14°44	28°38	29°43	4°19	n.a.	S 27
M28	19 38 29	22°47'12	8♍17	19°53	5°47	27°42	9° 8	7°29	14°19	11°38	14°43	28°34	29°40	4°26	n.a.	M28
T 29	19 42 26	23°45'27	22°38	20°49	7° 1	27°37	9° 5	7°33	14°19	11°36	14°43	28°D32	29°37	4°32	n.a.	T 29
W30	19 46 22	24°43'43	6♎55	21°43	8°15	27°32	9° 1	7°36	14°18	11°34	14°42	28°32	29°34	4°39	n.a.	W30
T 31	19 50 19	25♋42'00	21♎ 5	22♌34	9♋29	27♒25	8♓57	7♉40	14♏18	11♑33	14♓41	28°R33	29♓31	4♈46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n47	8n46	1n41	24n53	1n37	20n29	0s35	17s55	4s41	9s36	1s35	11n36	2s 1	16s23	0n10	23s24	0s 9	21s51	17s17	0n31	0n27	0n37			n.a.
W 2	23 49	2 3	0 28	24 39	1 33	20 46	0 32	17 52	4 44	9 36	1 35	11 38	2 1	16 22	0 10	23 24	0 9	21 52	17 17	0 31	0 25	0 40			n.a.
T 3	23 49	4s46	0s46	24 23	1 29	21 2	0 29	17 49	4 47	9 35	1 35	11 39	2 1	16 22	0 10	23 24	0 9	21 52	17 18	0 31	0 24	0 43			n.a.
F 4	23 50	11 22	1 58	24 5	1 24	21 17	0 27	17 46	4 50	9 35	1 36	11 41	2 1	16 21	0 10	23 24	0 9	21 53	17 18	0 30	0 23	0 47			n.a.
S 5	23 50	17 24	3 2	23 46	1 19	21 32	0 24	17 44	4 53	9 35	1 36	11 43	2 1	16 21	0 10	23 25	0 9	21 53	17 18	0 29	0 22	0 50			n.a.
S 6	23 49	22 28	3 55	23 26	1 14	21 47	0 21	17 42	4 55	9 35	1 36	11 45	2 1	16 20	0 10	23 25	0 9	21 53	17 19	0 27	0 20	0 54			n.a.
M 7	23 48	26 13	4 34	23 5	1 8	22 1	0 19	17 40	4 58	9 35	1 37	11 47	2 2	16 20	0 10	23 25	0 9	21 54	17 19	0 23	0 19	0 57			n.a.
T 8	23 47	28 22	4 55	22 42	1 2	22 14	0 16	17 38	5 1	9 35	1 37	11 48	2 2	16 20	0 10	23 25	0 9	21 54	17 19	0 19	0 18	1 1			n.a.
W 9	23 45	28 46	5 0	22 19	0 55	22 26	0 13	17 37	5 4	9 35	1 37	11 50	2 2	16 19	0 10	23 25	0 9	21 55	17 20	0 14	0 16	1 4			n.a.
T 10	23 43	27 28	4 48	21 54	0 48	22 38	0 11	17 36	5 7	9 35	1 38	11 52	2 2	16 19	0 10	23 25	0 9	21 55	17 20	0 9	0 15	1 8			n.a.
F 11	23 40	24 42	4 21	21 29	0 41	22 50	0 8	17 34	5 9	9 36	1 38	11 53	2 2	16 19	0 10	23 26	0 9	21 55	17 20	0 5	0 14	1 11			n.a.
S 12	23 37	20 47	3 42	21 3	0 34	23 0	0 6	17 34	5 12	9 36	1 38	11 55	2 2	16 18	0 10	23 26	0 9	21 56	17 21	0 1	0 13	1 15			n.a.
S 13	23 34	16 3	2 53	20 36	0 26	23 10	0 3	17 33	5 15	9 36	1 39	11 56	2 2	16 18	0 10	23 26	0 9	21 56	17 21	0s 2	0 11	1 18			n.a.
M14	23 30	10 46	1 56	20 9	0 18	23 20	0 0	17 33	5 18	9 37	1 39	11 58	2 2	16 18	0 10	23 26	0 9	21 57	17 21	0 3	0 10	1 22			n.a.
T 15	23 26	5 11	0 56	19 41	0 10	23 28	0n 2	17 33	5 20	9 37	1 39	12 0	2 3	16 17	0 10	23 26	0 9	21 57	17 22	0 4	0 9	1 25			n.a.
W16	23 21	0n32	0n 7	19 12	0 2	23 36	0 5	17 33	5 23	9 38	1 40	12 1	2 3	16 17	0 10	23 26	0 9	21 58	17 22	0 4	0 7	1 29			n.a.
T 17	23 16	6 13	1 9	18 43	0s 7	23 44	0 8	17 34	5 26	9 39	1 40	12 2	2 3	16 17	0 10	23 27	0 9	21 58	17 22	0 4	0 6	1 32			n.a.
F 18	23 10	11 43	2 8	18 14	0 16	23 50	0 10	17 34	5 28	9 40	1 40	12 4	2 3	16 17	0 10	23 27	0 9	21 59	17 23	0 4	0 5	1 36			n.a.
S 19	23 4	16 52	3 3	17 44	0 25	23 56	0 13	17 35	5 31	9 41	1 41	12 5	2 3	16 16	0 10	23 27	0 9	21 59	17 23	0 5	0 4	1 39			n.a.
S 20	22 58	21 27	3 50	17 15	0 34	24 1	0 15	17 36	5 33	9 42	1 41	12 7	2 3	16 16	0 10	23 27	0 10	21 59	17 23	0 7	0 2	1 43			n.a.
M21	22 51	25 11	4 27	16 45	0 43	24 6	0 18	17 38	5 35	9 43	1 41	12 8	2 3	16 16	0 10	23 27	0 10	22 0	17 24	0 10	0 1	1 46			n.a.
T 22	22 44	27 45	4 52	16 15	0 52	24 9	0 20	17 40	5 38	9 44	1 41	12 9	2 4	16 16	0 10	23 27	0 10	22 0	17 24	0 14	0s 0	1 50			n.a.
W23	22 36	28 51	5 2	15 46	1 2	24 12	0 23	17 42	5 40	9 45	1 42	12 11	2 4	16 15	0 9	23 28	0 10	22 1	17 24	0 18	0 2	1 53			n.a.
T 24	22 28	28 14	4 55	15 16	1 11	24 15	0 25	17 44	5 42	9 46	1 42	12 12	2 4	16 15	0 9	23 28	0 10	22 1	17 25	0 22	0 3	1 57			n.a.
F 25	22 20	25 50	4 31	14 47	1 21	24 16	0 27	17 46	5 44	9 47	1 42	12 13	2 4	16 15	0 9	23 28	0 10	22 2	17 25	0 27	0 4	2 0			n.a.
S 26	22 11	21 49	3 49	14 18	1 30	24 17	0 30	17 49	5 46	9 49	1 43	12 14	2 4	16 15	0 9	23 28	0 10	22 2	17 25	0 31	0 5	2 4			n.a.
S 27	22 2	16 29	2 53	13 49	1 40	24 17	0 32	17 52	5 48	9 50	1 43	12 15	2 4	16 15	0 9	23 28	0 10	22 3	17 25	0 33	0 7	2 7			n.a.
M28	21 52	10 14	1 46	13 21	1 50	24 16	0 34	17 55	5 50	9 52	1 43	12 16	2 5	16 15	0 9	23 28	0 10	22 3	17 26	0 35	0 8	2 11			n.a.
T 29	21 42	3 27	0 31	12 54	2 0	24 15	0 37	17 59	5 52	9 53	1 44	12 17	2 5	16 15	0 9	23 28	0 10	22 4	17 26	0 35	0 9	2 14			n.a.
W30	21 32	3s28	0s45	12 27	2 9	24 13	0 39	18 2	5 53	9 55	1 44	12 18	2 5	16 15	0 9	23 29	0 10	22 4	17 26	0 35	0 11	2 18			n.a.
T 31	21n21	10s10	1s57	12n 2	2s19	24n10	0n41	18s 6	5s55	9s57	1s44	12n19	2s 5	16s15	0n 9	23s29	0s10	22s 5	17s27	0s35	0s12	2n21			n.a.

Julian Day Number = 1311793.5, Delta T = 07h40m54s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'23, Lahiri = -19°26'23 Julian Calendar 1 July 1122 BCE == Greg. Calendar 20 June 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

AUGUST 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 54 15	26♋40'19	5♏ 7	23♌22	10♋43	27°R17	8°R53	7♉43	14°R18	11°R31	14°R41	28°R33	29♓28	4♈52	n.a.	F 1
S 2	19 58 12	27°38'40	19° 0	24° 6	11°58	27♒ 9	8♓49	7°47	14♏18	11♐30	14♓40	28♓31	29°24	4°59	n.a.	S 2
S 3	20 2 8	28°37'03	2♐45	24°47	13°12	27° 0	8°44	7°50	14°18	11°28	14°39	28°26	29°21	5° 6	n.a.	S 3
M 4	20 6 5	29°35'28	16°20	25°23	14°26	26°50	8°40	7°53	14°18	11°27	14°39	28°20	29°18	5°12	n.a.	M 4
T 5	20 10 1	0♌33'54	29°43	25°55	15°40	26°40	8°35	7°56	14°D18	11°25	14°38	28°11	29°15	5°19	n.a.	T 5
W 6	20 13 58	1°32'22	12♑55	26°23	16°55	26°28	8°30	7°59	14°18	11°24	14°37	28° 1	29°12	5°26	n.a.	W 6
T 7	20 17 55	2°30'53	25°52	26°46	18° 9	26°16	8°25	8° 2	14°18	11°22	14°36	27°52	29° 8	5°32	n.a.	T 7
F 8	20 21 51	3°29'25	8♒35	27° 4	19°24	26° 3	8°20	8° 5	14°18	11°21	14°35	27°43	29° 5	5°39	n.a.	F 8
S 9	20 25 48	4°27'59	21° 4	27°16	20°38	25°50	8°14	8° 7	14°18	11°19	14°35	27°35	29° 2	5°45	n.a.	S 9
S 10	20 29 44	5°26'35	3♓18	27°22	21°52	25°36	8° 9	8°10	14°18	11°18	14°34	27°30	28°59	5°52	n.a.	S 10
M11	20 33 41	6°25'14	15°21	27°R22	23° 7	25°21	8° 3	8°12	14°19	11°16	14°33	27°27	28°56	5°59	n.a.	M11
T 12	20 37 37	7°23'54	27°15	27°16	24°22	25° 6	7°57	8°15	14°19	11°15	14°32	27°D26	28°53	6° 5	n.a.	T 12
W13	20 41 34	8°22'37	9♈ 3	27° 2	25°36	24°50	7°51	8°17	14°19	11°13	14°31	27°27	28°49	6°12	n.a.	W13
T 14	20 45 30	9°21'23	20°50	26°42	26°51	24°34	7°45	8°19	14°20	11°12	14°30	27°28	28°46	6°19	n.a.	T 14
F 15	20 49 27	10°20'11	2♉42	26°15	28° 5	24°17	7°39	8°21	14°20	11°10	14°29	27°29	28°43	6°25	n.a.	F 15
S 16	20 53 24	11°19'01	14°43	25°40	29°20	24° 0	7°32	8°23	14°21	11° 9	14°28	27°R29	28°40	6°32	n.a.	S 16
S 17	20 57 20	12°17'54	26°58	24°58	0♌35	23°42	7°26	8°25	14°22	11° 8	14°27	27°28	28°37	6°39	n.a.	S 17
M18	21 1 17	13°16'49	9♊33	24°10	1°50	23°24	7°19	8°26	14°22	11° 6	14°26	27°25	28°34	6°45	n.a.	M18
T 19	21 5 13	14°15'46	22°30	23°16	3° 5	23° 6	7°12	8°28	14°23	11° 5	14°25	27°20	28°30	6°52	n.a.	T 19
W20	21 9 10	15°14'46	5♋53	22°17	4°19	22°47	7° 5	8°29	14°24	11° 4	14°25	27°14	28°27	6°59	n.a.	W20
T 21	21 13 6	16°13'49	19°42	21°13	5°34	22°28	6°58	8°31	14°24	11° 3	14°24	27° 7	28°24	7° 5	n.a.	T 21
F 22	21 17 3	17°12'54	3♌53	20° 7	6°49	22°10	6°51	8°32	14°25	11° 1	14°23	27° 1	28°21	7°12	n.a.	F 22
S 23	21 20 59	18°12'00	18°24	18°59	8° 4	21°51	6°44	8°33	14°26	11° 0	14°22	26°56	28°18	7°19	n.a.	S 23
S 24	21 24 56	19°11'09	3♍ 7	17°51	9°19	21°32	6°37	8°34	14°27	10°59	14°21	26°52	28°14	7°25	n.a.	S 24
M25	21 28 52	20°10'20	17°54	16°46	10°34	21°13	6°29	8°35	14°28	10°58	14°19	26°50	28°11	7°32	n.a.	M25
T 26	21 32 49	21° 9'33	2♎40	15°45	11°49	20°54	6°22	8°36	14°29	10°57	14°18	26°D50	28° 8	7°38	n.a.	T 26
W27	21 36 46	22° 8'48	17°16	14°49	13° 4	20°35	6°14	8°37	14°30	10°55	14°17	26°51	28° 5	7°45	n.a.	W27
T 28	21 40 42	23° 8'05	1♏40	14° 1	14°19	20°16	6° 6	8°37	14°32	10°54	14°16	26°52	28° 2	7°52	n.a.	T 28
F 29	21 44 39	24° 7'24	15°49	13°21	15°34	19°58	5°58	8°38	14°33	10°53	14°15	26°53	27°59	7°58	n.a.	F 29
S 30	21 48 35	25° 6'45	29°40	12°50	16°49	19°40	5°51	8°38	14°34	10°52	14°14	26°R53	27°55	8° 5	n.a.	S 30
S 31	21 52 32	26♌ 6'08	13♐15	12♌30	18♌ 4	19♒22	5♓43	8♉38	14♏35	10♐51	14♓13	26♓52	27♓52	8♈12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n10	16s18	3s 2	11n37	2s29	24n 6	0n43	18s10	5s56	9s59	1s44	12n20	2s 5	16s15	0n 9	23s29	0s10	22s 6	17s27	0s35	0s13	2n25		n.a.
S 2	20 58	21 32	3 56	11 13	2 38	24 2	0 45	18 14	5 58	10 1	1 45	12 21	2 5	16 14	0 9	23 29	0 10	22 6	17 27	0 36	0 14	2 28		n.a.
S 3	20 46	25 32	4 35	10 51	2 47	23 57	0 47	18 19	5 59	10 3	1 45	12 22	2 6	16 14	0 9	23 29	0 10	22 7	17 27	0 38	0 16	2 32		n.a.
M 4	20 34	28 3	4 58	10 30	2 56	23 51	0 49	18 23	6 0	10 5	1 45	12 23	2 6	16 14	0 9	23 29	0 10	22 7	17 28	0 40	0 17	2 35		n.a.
T 5	20 22	28 55	5 5	10 11	3 5	23 45	0 51	18 28	6 1	10 7	1 46	12 24	2 6	16 14	0 9	23 30	0 10	22 8	17 28	0 44	0 18	2 39		n.a.
W 6	20 9	28 5	4 55	9 54	3 14	23 37	0 53	18 33	6 2	10 9	1 46	12 25	2 6	16 15	0 9	23 30	0 10	22 8	17 28	0 48	0 20	2 42		n.a.
T 7	19 55	25 44	4 30	9 38	3 22	23 29	0 55	18 37	6 2	10 11	1 46	12 26	2 6	16 15	0 9	23 30	0 10	22 9	17 28	0 52	0 21	2 46		n.a.
F 8	19 41	22 8	3 51	9 25	3 29	23 21	0 57	18 42	6 3	10 13	1 46	12 26	2 6	16 15	0 9	23 30	0 10	22 9	17 29	0 56	0 22	2 49		n.a.
S 9	19 27	17 35	3 3	9 14	3 36	23 11	0 59	18 48	6 3	10 15	1 47	12 27	2 7	16 15	0 9	23 30	0 10	22 10	17 29	0 59	0 23	2 53		n.a.
S 10	19 13	12 25	2 6	9 6	3 42	23 1	1 1	18 53	6 4	10 18	1 47	12 28	2 7	16 15	0 9	23 30	0 10	22 10	17 29	1 1	0 25	2 56		n.a.
M11	18 58	6 51	1 5	9 1	3 48	22 50	1 2	18 58	6 4	10 20	1 47	12 28	2 7	16 15	0 9	23 30	0 10	22 11	17 29	1 2	0 26	3 0		n.a.
T 12	18 43	1 8	0 1	8 59	3 52	22 39	1 4	19 3	6 3	10 23	1 47	12 29	2 7	16 15	0 9	23 30	0 10	22 11	17 29	1 2	0 27	3 3		n.a.
W13	18 28	4n36	1n 2	9 1	3 56	22 26	1 5	19 8	6 3	10 25	1 47	12 29	2 7	16 15	0 9	23 31	0 10	22 12	17 30	1 2	0 29	3 6		n.a.
T 14	18 12	10 10	2 3	9 5	3 58	22 13	1 7	19 14	6 3	10 28	1 48	12 30	2 7	16 15	0 9	23 31	0 10	22 13	17 30	1 1	0 30	3 10		n.a.
F 15	17 56	15 24	2 59	9 14	3 59	22 0	1 8	19 19	6 2	10 30	1 48	12 30	2 8	16 15	0 9	23 31	0 10	22 13	17 30	1 1	0 31	3 13		n.a.
S 16	17 40	20 8	3 48	9 26	3 58	21 46	1 10	19 24	6 1	10 33	1 48	12 31	2 8	16 16	0 9	23 31	0 10	22 14	17 30	1 1	0 32	3 17		n.a.
S 17	17 23	24 8	4 27	9 42	3 56	21 31	1 11	19 29	6 1	10 35	1 48	12 31	2 8	16 16	0 9	23 31	0 10	22 14	17 30	1 1	0 34	3 20		n.a.
M18	17 6	27 6	4 55	10 2	3 52	21 15	1 12	19 35	5 59	10 38	1 48	12 32	2 8	16 16	0 9	23 31	0 10	22 15	17 31	1 3	0 35	3 24		n.a.
T 19	16 49	28 45	5 9	10 26	3 46	20 59	1 14	19 40	5 58	10 41	1 49	12 32	2 8	16 16	0 9	23 31	0 10	22 15	17 31	1 5	0 36	3 27		n.a.
W20	16 32	28 48	5 6	10 53	3 38	20 42	1 15	19 45	5 57	10 44	1 49	12 32	2 8	16 17	0 9	23 32	0 10	22 16	17 31	1 7	0 38	3 31		n.a.
T 21	16 14	27 5	4 46	11 23	3 28	20 25	1 16	19 49	5 55	10 47	1 49	12 33	2 9	16 17	0 9	23 32	0 10	22 16	17 31	1 10	0 39	3 34		n.a.
F 22	15 56	23 37	4 8	11 56	3 16	20 7	1 17	19 54	5 53	10 49	1 49	12 33	2 9	16 17	0 9	23 32	0 10	22 17	17 31	1 12	0 40	3 38		n.a.
S 23	15 37	18 38	3 14	12 30	3 2	19 48	1 18	19 59	5 51	10 52	1 49	12 33	2 9	16 17	0 9	23 32	0 10	22 18	17 31	1 15	0 41	3 41		n.a.
S 24	15 19	12 29	2 6	13 6	2 46	19 29	1 19	20 3	5 49	10 55	1 49	12 33	2 9	16 18	0 9	23 32	0 10	22 18	17 32	1 16	0 43	3 45		n.a.
M25	15 0	5 36	0 48	13 42	2 29	19 9	1 20	20 7	5 47	10 58	1 50	12 33	2 9	16 18	0 9	23 32	0 10	22 19	17 32	1 17	0 44	3 48		n.a.
T 26	14 41	1s34	0s32	14 18	2 10	18 49	1 21	20 11	5 45	11 1	1 50	12 33	2 10	16 18	0 9	23 32	0 10	22 19	17 32	1 17	0 45	3 52		n.a.
W27	14 21	8 34	1 49	14 53	1 51	18 28	1 21	20 15	5 42	11 4	1 50	12 34	2 10	16 19	0 9	23 32	0 10	22 20	17 32	1 16	0 46	3 55		n.a.
T 28	14 2	15 2	2 59	15 26	1 31	18 7	1 22	20 19	5 39	11 7	1 50	12 34	2 10	16 19	0 9	23 32	0 10	22 20	17 32	1 16	0 48	3 59		n.a.
F 29	13 42	20 36	3 56	15 57	1 11	17 45	1 23	20 22	5 36	11 10	1 50	12 34	2 10	16 19	0 9	23 32	0 10	22 21	17 32	1 15	0 49	4 2		n.a.
S 30	13 22	24 56	4 39	16 25	0 51	17 22	1 23	20 25	5 33	11 13	1 50	12 33	2 10	16 20	0 9	23 33	0 10	22 21	17 32	1 15	0 50	4 5		n.a.
S 31	13n 1	27s47	5s 4	16n49	0s32	16n59	1n24	20s28	5s30	11s16	1s50	12n33	2s10	16s20	0n 9	23s33	0s10	22s22	17s33	1s16	0s52	4n 9		n.a.

Julian Day Number = 1311824.5, Delta T = 07h40m53s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'19, Lahiri = -19°26'19 Julian Calendar 1 Aug. 1122 BCE == Greg. Calendar 21 July 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

SEPTEMBER 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 56 28	27♌ 5'33	26♐34	12°D20	19♌20	19°R 5	5°R35	8♉38	14♏37	10°R50	14°R12	26°R50	27♓49	8♈18	n.a.	M 1
T 2	22 0 25	28° 4'59	9♑38	12♌21	20°35	18♒48	5♓27	8°R38	14°38	10♑49	14♓11	26♓46	27°46	8°25	n.a.	T 2
W 3	22 4 21	29° 4'28	22°28	12°33	21°50	18°31	5°19	8°38	14°40	10°48	14°10	26°41	27°43	8°32	n.a.	W 3
T 4	22 8 18	0♍ 3'58	5♒ 4	12°55	23° 5	18°15	5°11	8°38	14°41	10°47	14° 9	26°37	27°40	8°38	n.a.	T 4
F 5	22 12 15	1° 3'31	17°29	13°27	24°20	17°59	5° 3	8°38	14°43	10°46	14° 8	26°33	27°36	8°45	n.a.	F 5
S 6	22 16 11	2° 3'05	29°43	14° 8	25°36	17°44	4°55	8°37	14°44	10°45	14° 7	26°29	27°33	8°52	n.a.	S 6
S 7	22 20 8	3° 2'42	11♓47	14°58	26°51	17°30	4°47	8°37	14°46	10°44	14° 5	26°27	27°30	8°58	n.a.	S 7
M 8	22 24 4	4° 2'21	23°43	15°55	28° 6	17°16	4°38	8°36	14°48	10°44	14° 4	26°D26	27°27	9° 5	n.a.	M 8
T 9	22 28 1	5° 2'02	5♈33	16°59	29°21	17° 3	4°30	8°35	14°50	10°43	14° 3	26°27	27°24	9°12	n.a.	T 9
W10	22 31 57	6° 1'45	17°20	18°10	0♍37	16°50	4°22	8°35	14°51	10°42	14° 2	26°28	27°20	9°18	n.a.	W10
T 11	22 35 54	7° 1'31	29° 8	19°25	1°52	16°38	4°14	8°34	14°53	10°41	14° 1	26°29	27°17	9°25	n.a.	T 11
F 12	22 39 50	8° 1'19	10♉59	20°46	3° 7	16°27	4° 6	8°32	14°55	10°41	14° 0	26°31	27°14	9°31	n.a.	F 12
S 13	22 43 47	9° 1'09	22°59	22°10	4°23	16°17	3°58	8°31	14°57	10°40	13°59	26°32	27°11	9°38	n.a.	S 13
S 14	22 47 43	10° 1'02	5♊12	23°37	5°38	16° 7	3°50	8°30	14°59	10°39	13°57	26°R33	27° 8	9°45	n.a.	S 14
M15	22 51 40	11° 0'58	17°43	25° 8	6°54	15°58	3°42	8°29	15° 1	10°39	13°56	26°33	27° 5	9°51	n.a.	M15
T 16	22 55 37	12° 0'55	0♋36	26°41	8° 9	15°50	3°34	8°27	15° 3	10°38	13°55	26°32	27° 1	9°58	n.a.	T 16
W17	22 59 33	13° 0'55	13°54	28°15	9°24	15°42	3°26	8°25	15° 5	10°38	13°54	26°31	26°58	10° 5	n.a.	W17
T 18	23 3 30	14° 0'57	27°39	29°51	10°40	15°36	3°18	8°24	15° 7	10°37	13°53	26°29	26°55	10°11	n.a.	T 18
F 19	23 7 26	15° 1'02	11♌52	1♍28	11°55	15°30	3°10	8°22	15°10	10°37	13°52	26°28	26°52	10°18	n.a.	F 19
S 20	23 11 23	16° 1'08	26°28	3° 7	13°11	15°25	3° 3	8°20	15°12	10°36	13°51	26°26	26°49	10°25	n.a.	S 20
S 21	23 15 19	17° 1'17	11♍23	4°45	14°26	15°20	2°55	8°18	15°14	10°36	13°49	26°26	26°45	10°31	n.a.	S 21
M22	23 19 16	18° 1'28	26°29	6°25	15°42	15°17	2°47	8°15	15°16	10°35	13°48	26°D25	26°42	10°38	n.a.	M22
T 23	23 23 12	19° 1'40	11♎36	8° 4	16°57	15°14	2°40	8°13	15°19	10°35	13°47	26°26	26°39	10°45	n.a.	T 23
W24	23 27 9	20° 1'55	26°35	9°44	18°13	15°13	2°33	8°11	15°21	10°35	13°46	26°26	26°36	10°51	n.a.	W24
T 25	23 31 6	21° 2'11	11♏20	11°24	19°28	15°12	2°25	8° 8	15°24	10°34	13°45	26°27	26°33	10°58	n.a.	T 25
F 26	23 35 2	22° 2'29	25°44	13° 4	20°44	15°D11	2°18	8° 6	15°26	10°34	13°44	26°27	26°30	11° 5	n.a.	F 26
S 27	23 38 59	23° 2'48	9♐45	14°43	21°59	15°12	2°11	8° 3	15°29	10°34	13°43	26°27	26°26	11°11	n.a.	S 27
S 28	23 42 55	24° 3'10	23°22	16°23	23°15	15°14	2° 4	8° 0	15°31	10°34	13°41	26°R27	26°23	11°18	n.a.	S 28
M29	23 46 52	25° 3'32	6♑36	18° 2	24°30	15°16	1°57	7°57	15°34	10°33	13°40	26°27	26°20	11°25	n.a.	M29
T 30	23 50 48	26♍ 3'57	19♑30	19♍41	25♍46	15♒19	1♓50	7♉54	15♏36	10♑33	13♓39	26°D27	26♓17	11♈31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n41	29s 0	5s13	17n10	0s13	16n36	1n24	20s30	5s27	11s19	1s50	12n33	2s11	16s21	0n 9	23s33	0s10	22s22	17s33	1s17	0s53	4n12		n.a.
T 2	12 20	28 33	5 5	17 27	0n 5	16 12	1 25	20 33	5 24	11 22	1 50	12 33	2 11	16 21	0 9	23 33	0 10	22 23	17 33	1 18	0 54	4 16		n.a.
W 3	11 59	26 34	4 42	17 39	0 21	15 48	1 25	20 35	5 20	11 25	1 50	12 33	2 11	16 22	0 9	23 33	0 10	22 23	17 33	1 20	0 55	4 19		n.a.
T 4	11 38	23 17	4 6	17 48	0 36	15 23	1 25	20 36	5 16	11 28	1 50	12 33	2 11	16 22	0 9	23 33	0 10	22 24	17 33	1 22	0 57	4 23		n.a.
F 5	11 17	18 59	3 18	17 52	0 51	14 58	1 25	20 38	5 13	11 31	1 50	12 32	2 11	16 23	0 9	23 33	0 10	22 24	17 33	1 24	0 58	4 26		n.a.
S 6	10 55	13 58	2 22	17 52	1 3	14 32	1 25	20 39	5 9	11 34	1 50	12 32	2 11	16 23	0 9	23 33	0 10	22 25	17 33	1 25	0 59	4 30		n.a.
S 7	10 33	8 29	1 20	17 48	1 14	14 6	1 25	20 40	5 5	11 37	1 50	12 32	2 12	16 24	0 9	23 33	0 10	22 25	17 33	1 26	1 1	4 33		n.a.
M 8	10 11	2 46	0 15	17 40	1 24	13 39	1 25	20 41	5 1	11 40	1 50	12 31	2 12	16 24	0 9	23 33	0 10	22 26	17 33	1 26	1 2	4 37		n.a.
T 9	9 49	3n 0	0n50	17 28	1 33	13 13	1 25	20 41	4 57	11 43	1 50	12 31	2 12	16 25	0 9	23 33	0 10	22 26	17 33	1 26	1 3	4 40		n.a.
W10	9 27	8 39	1 53	17 13	1 40	12 45	1 25	20 41	4 53	11 47	1 50	12 31	2 12	16 25	0 9	23 34	0 10	22 27	17 33	1 26	1 4	4 44		n.a.
T 11	9 4	14 0	2 51	16 55	1 46	12 18	1 25	20 41	4 48	11 50	1 50	12 30	2 12	16 26	0 9	23 34	0 10	22 27	17 33	1 25	1 6	4 47		n.a.
F 12	8 42	18 53	3 42	16 34	1 51	11 50	1 24	20 40	4 44	11 52	1 50	12 30	2 12	16 26	0 9	23 34	0 10	22 28	17 33	1 24	1 7	4 50		n.a.
S 13	8 19	23 4	4 24	16 10	1 55	11 22	1 24	20 39	4 40	11 55	1 50	12 29	2 13	16 27	0 9	23 34	0 10	22 28	17 33	1 24	1 8	4 54		n.a.
S 14	7 56	26 21	4 55	15 43	1 58	10 53	1 24	20 38	4 36	11 58	1 50	12 28	2 13	16 28	0 9	23 34	0 10	22 29	17 33	1 24	1 10	4 57		n.a.
M15	7 33	28 27	5 13	15 14	2 0	10 25	1 23	20 37	4 31	12 1	1 50	12 28	2 13	16 28	0 9	23 34	0 10	22 29	17 33	1 24	1 11	5 1		n.a.
T 16	7 10	29 6	5 16	14 43	2 1	9 55	1 23	20 35	4 27	12 4	1 50	12 27	2 13	16 29	0 9	23 34	0 10	22 30	17 33	1 24	1 12	5 4		n.a.
W17	6 47	28 6	5 2	14 10	2 1	9 26	1 22	20 33	4 22	12 7	1 50	12 27	2 13	16 29	0 9	23 34	0 10	22 30	17 33	1 24	1 13	5 8		n.a.
T 18	6 23	25 24	4 31	13 35	2 0	8 56	1 21	20 31	4 18	12 10	1 50	12 26	2 13	16 30	0 9	23 34	0 10	22 31	17 33	1 25	1 15	5 11		n.a.
F 19	6 0	21 4	3 43	12 59	1 59	8 26	1 21	20 29	4 14	12 13	1 50	12 25	2 14	16 31	0 9	23 34	0 10	22 31	17 33	1 26	1 16	5 15		n.a.
S 20	5 36	15 23	2 39	12 21	1 57	7 56	1 20	20 26	4 9	12 15	1 50	12 24	2 14	16 31	0 8	23 34	0 10	22 32	17 33	1 26	1 17	5 18		n.a.
S 21	5 12	8 41	1 23	11 42	1 55	7 26	1 19	20 23	4 5	12 18	1 50	12 24	2 14	16 32	0 8	23 34	0 10	22 32	17 33	1 27	1 19	5 21		n.a.
M22	4 49	1 25	0s 0	11 2	1 52	6 55	1 18	20 20	4 0	12 21	1 50	12 23	2 14	16 33	0 8	23 34	0 10	22 33	17 33	1 27	1 20	5 25		n.a.
T 23	4 25	5s56	1 23	10 21	1 49	6 25	1 17	20 17	3 56	12 24	1 50	12 22	2 14	16 34	0 8	23 34	0 10	22 33	17 33	1 27	1 21	5 28		n.a.
W24	4 1	12 54	2 40	9 40	1 45	5 54	1 16	20 13	3 51	12 26	1 50	12 21	2 14	16 34	0 8	23 34	0 10	22 33	17 33	1 26	1 22	5 32		n.a.
T 25	3 37	19 2	3 45	8 57	1 41	5 23	1 15	20 9	3 47	12 29	1 49	12 20	2 14	16 35	0 8	23 34	0 10	22 34	17 33	1 26	1 24	5 35		n.a.
F 26	3 12	23 56	4 33	8 14	1 36	4 52	1 14	20 5	3 43	12 31	1 49	12 19	2 14	16 36	0 8	23 34	0 10	22 34	17 33	1 26	1 25	5 39		n.a.
S 27	2 48	27 17	5 4	7 31	1 32	4 20	1 13	20 0	3 38	12 34	1 49	12 18	2 15	16 37	0 8	23 34	0 10	22 35	17 33	1 26	1 26	5 42		n.a.
S 28	2 24	28 57	5 17	6 47	1 27	3 49	1 11	19 56	3 34	12 36	1 49	12 17	2 15	16 37	0 8	23 34	0 10	22 35	17 33	1 26	1 28	5 45		n.a.
M29	2 0	28 52	5 13	6 3	1 21	3 17	1 10	19 51	3 30	12 38	1 49	12 16	2 15	16 38	0 8	23 34	0 10	22 35	17 33	1 26	1 29	5 49		n.a.
T 30	1n35	27s13	4s53	5n19	1n16	2n45	1n 9	19s46	3s25	12s41	1s49	12n15	2s15	16s39	0n 8	23s34	0s10	22s36	17s33	1s26	1s30	5n52		n.a.

Julian Day Number = 1311855.5, Delta T = 07h40m51s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'15, Lahiri = -19°26'14 Julian Calendar 1 Sept. 1122 BCE == Greg. Calendar 21 Aug. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

OCTOBER 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 54 45	27♍ 4'23	2♒ 6	21♍20	27♍ 1	15♒23	1°R44	7°R51	15♏39	10°R33	13°R38	26♓27	26♓14	11♈38	n.a.	W 1
T 2	23 58 41	28° 4'50	14°27	22°58	28°17	15°27	1♓37	7♉48	15°42	10♊33	13♓37	26°27	26°11	11°44	n.a.	T 2
F 3	0 2 38	29° 5'19	26°37	24°36	29°32	15°32	1°31	7°45	15°44	10°D33	13°36	26°28	26° 7	11°51	n.a.	F 3
S 4	0 6 34	0♎ 5'49	8♓38	26°14	0♎48	15°39	1°25	7°42	15°47	10°33	13°35	26°28	26° 4	11°58	n.a.	S 4
S 5	0 10 31	1° 6'21	20°32	27°51	2° 3	15°45	1°19	7°38	15°50	10°33	13°34	26°R28	26° 1	12° 4	n.a.	S 5
M 6	0 14 28	2° 6'55	2♈23	29°28	3°19	15°53	1°13	7°35	15°53	10°33	13°33	26°28	25°58	12°11	n.a.	M 6
T 7	0 18 24	3° 7'30	14°11	1♏ 5	4°35	16° 1	1° 7	7°31	15°56	10°33	13°31	26°28	25°55	12°18	n.a.	T 7
W 8	0 22 21	4° 8'07	25°59	2°42	5°50	16°10	1° 1	7°27	15°59	10°33	13°30	26°27	25°51	12°24	n.a.	W 8
T 9	0 26 17	5° 8'46	7♉50	4°18	7° 6	16°19	0°56	7°24	16° 2	10°34	13°29	26°26	25°48	12°31	n.a.	T 9
F 10	0 30 14	6° 9'27	19°45	5°54	8°21	16°30	0°51	7°20	16° 5	10°34	13°28	26°25	25°45	12°38	n.a.	F 10
S 11	0 34 10	7°10'09	1♊48	7°29	9°37	16°40	0°45	7°16	16° 8	10°34	13°27	26°23	25°42	12°44	n.a.	S 11
S 12	0 38 7	8°10'53	14° 2	9° 5	10°52	16°52	0°41	7°12	16°11	10°34	13°26	26°22	25°39	12°51	n.a.	S 12
M13	0 42 3	9°11'39	26°31	10°40	12° 8	17° 4	0°36	7° 8	16°14	10°35	13°25	26°21	25°36	12°58	n.a.	M13
T 14	0 46 0	10°12'27	9♋19	12°14	13°23	17°17	0°31	7° 4	16°17	10°35	13°24	26°D20	25°32	13° 4	n.a.	T 14
W15	0 49 57	11°13'16	22°28	13°49	14°39	17°30	0°27	7° 0	16°20	10°35	13°23	26°21	25°29	13°11	n.a.	W15
T 16	0 53 53	12°14'07	6♌ 2	15°24	15°54	17°44	0°22	6°55	16°23	10°36	13°22	26°22	25°26	13°18	n.a.	T 16
F 17	0 57 50	13°15'00	20° 3	16°58	17°10	17°58	0°18	6°51	16°26	10°36	13°21	26°23	25°23	13°24	n.a.	F 17
S 18	1 1 46	14°15'54	4♍29	18°32	18°25	18°13	0°15	6°47	16°29	10°37	13°20	26°24	25°20	13°31	n.a.	S 18
S 19	1 5 43	15°16'50	19°18	20° 6	19°41	18°29	0°11	6°42	16°33	10°37	13°19	26°R25	25°17	13°38	n.a.	S 19
M20	1 9 39	16°17'47	4♎24	21°40	20°57	18°45	0° 7	6°38	16°36	10°38	13°18	26°25	25°13	13°44	n.a.	M20
T 21	1 13 36	17°18'46	19°39	23°13	22°12	19° 2	0° 4	6°33	16°39	10°38	13°17	26°24	25°10	13°51	n.a.	T 21
W22	1 17 32	18°19'46	4♏52	24°47	23°28	19°19	0° 1	6°29	16°42	10°39	13°16	26°21	25° 7	13°58	n.a.	W22
T 23	1 21 29	19°20'47	19°53	26°20	24°43	19°37	29♒58	6°24	16°46	10°40	13°15	26°18	25° 4	14° 4	n.a.	T 23
F 24	1 25 26	20°21'49	4♐35	27°54	25°59	19°55	29°55	6°19	16°49	10°40	13°15	26°15	25° 1	14°11	n.a.	F 24
S 25	1 29 22	21°22'52	18°50	29°27	27°14	20°14	29°53	6°14	16°52	10°41	13°14	26°12	24°57	14°17	n.a.	S 25
S 26	1 33 19	22°23'55	2♑38	1♏ 0	28°30	20°33	29°51	6°10	16°56	10°42	13°13	26° 9	24°54	14°24	n.a.	S 26
M27	1 37 15	23°25'00	15°57	2°34	29°45	20°53	29°49	6° 5	16°59	10°43	13°12	26° 8	24°51	14°31	n.a.	M27
T 28	1 41 12	24°26'05	28°51	4° 7	1♏ 1	21°13	29°47	6° 0	17° 3	10°43	13°11	26°D 8	24°48	14°37	n.a.	T 28
W29	1 45 8	25°27'11	11♒23	5°40	2°16	21°33	29°45	5°55	17° 6	10°44	13°10	26° 9	24°45	14°44	n.a.	W29
T 30	1 49 5	26°28'18	23°37	7°13	3°32	21°54	29°44	5°50	17° 9	10°45	13°10	26°10	24°42	14°51	n.a.	T 30
F 31	1 53 2	27♎29'25	5♓39	8♏45	4♏47	22♒16	29♒42	5♉45	17♏13	10♊46	13♓ 9	26♓12	24♓38	14♈57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n11	24s12	4s19	4n34	1n10	2n14	1n 7	19s41	3s21	12s43	1s48	12n14	2s15	16s40	0n 8	23s34	0s10	22s36	17s33	1s26	1s31	5n56			n.a.
T 2	0 47	20 9	3 33	3 49	1 4	1 42	1 6	19 36	3 17	12 45	1 48	12 13	2 15	16 40	0 8	23 34	0 10	22 36	17 33	1 26	1 33	5 59			n.a.
F 3	0 22	15 19	2 38	3 4	0 58	1 10	1 4	19 30	3 13	12 47	1 48	12 11	2 15	16 41	0 8	23 34	0 10	22 37	17 33	1 26	1 34	6 3			n.a.
S 4	0s 2	9 58	1 38	2 19	0 52	0 38	1 3	19 24	3 9	12 49	1 48	12 10	2 15	16 42	0 8	23 34	0 10	22 37	17 32	1 26	1 35	6 6			n.a.
S 5	0 27	4 19	0 33	1 34	0 46	0 6	1 1	19 18	3 5	12 51	1 48	12 9	2 15	16 43	0 8	23 34	0 10	22 37	17 32	1 26	1 37	6 9			n.a.
M 6	0 51	1n28	0n33	0 49	0 40	0s26	0 59	19 12	3 0	12 53	1 47	12 8	2 16	16 44	0 8	23 34	0 10	22 38	17 32	1 26	1 38	6 13			n.a.
T 7	1 16	7 10	1 37	0 4	0 34	0 58	0 58	19 6	2 56	12 55	1 47	12 7	2 16	16 45	0 8	23 34	0 10	22 38	17 32	1 26	1 39	6 16			n.a.
W 8	1 40	12 37	2 37	0s40	0 27	1 30	0 56	18 59	2 53	12 57	1 47	12 5	2 16	16 46	0 8	23 34	0 10	22 38	17 32	1 26	1 40	6 20			n.a.
T 9	2 5	17 39	3 30	1 25	0 21	2 2	0 54	18 53	2 49	12 59	1 47	12 4	2 16	16 46	0 8	23 34	0 10	22 39	17 32	1 26	1 42	6 23			n.a.
F 10	2 29	22 2	4 15	2 10	0 14	2 34	0 52	18 46	2 45	13 1	1 47	12 3	2 16	16 47	0 8	23 34	0 10	22 39	17 32	1 27	1 43	6 27			n.a.
S 11	2 53	25 34	4 48	2 54	0 8	3 6	0 50	18 39	2 41	13 2	1 46	12 1	2 16	16 48	0 8	23 34	0 10	22 39	17 31	1 28	1 44	6 30			n.a.
S 12	3 18	27 59	5 10	3 38	0 1	3 38	0 48	18 32	2 37	13 4	1 46	12 0	2 16	16 49	0 8	23 34	0 10	22 40	17 31	1 28	1 45	6 33			n.a.
M13	3 42	29 4	5 17	4 22	0s 5	4 10	0 46	18 25	2 34	13 5	1 46	11 59	2 16	16 50	0 8	23 34	0 10	22 40	17 31	1 29	1 47	6 37			n.a.
T 14	4 6	28 38	5 9	5 6	0 12	4 41	0 44	18 17	2 30	13 7	1 46	11 57	2 16	16 51	0 8	23 34	0 10	22 40	17 31	1 29	1 48	6 40			n.a.
W15	4 31	26 36	4 45	5 49	0 18	5 13	0 42	18 9	2 26	13 8	1 45	11 56	2 16	16 52	0 8	23 34	0 10	22 40	17 31	1 29	1 49	6 44			n.a.
T 16	4 55	23 0	4 4	6 32	0 25	5 44	0 40	18 2	2 23	13 9	1 45	11 54	2 16	16 53	0 8	23 34	0 10	22 41	17 31	1 28	1 51	6 47			n.a.
F 17	5 19	18 0	3 8	7 15	0 31	6 16	0 38	17 54	2 19	13 11	1 45	11 53	2 16	16 54	0 8	23 34	0 10	22 41	17 30	1 28	1 52	6 50			n.a.
S 18	5 43	11 51	1 58	7 57	0 37	6 47	0 36	17 46	2 16	13 12	1 45	11 51	2 16	16 55	0 8	23 34	0 10	22 41	17 30	1 27	1 53	6 54			n.a.
S 19	6 7	4 54	0 39	8 39	0 44	7 18	0 34	17 38	2 12	13 13	1 44	11 50	2 16	16 56	0 8	23 34	0 10	22 41	17 30	1 27	1 54	6 57			n.a.
M20	6 31	2s27	0s44	9 21	0 50	7 49	0 32	17 29	2 9	13 14	1 44	11 48	2 16	16 57	0 8	23 34	0 10	22 41	17 30	1 27	1 56	7 1			n.a.
T 21	6 54	9 44	2 5	10 2	0 56	8 19	0 30	17 21	2 6	13 15	1 44	11 47	2 16	16 57	0 8	23 34	0 10	22 41	17 30	1 27	1 57	7 4			n.a.
W22	7 18	16 26	3 16	10 42	1 2	8 50	0 27	17 12	2 3	13 15	1 43	11 45	2 16	16 58	0 8	23 34	0 10	22 42	17 29	1 28	1 58	7 7			n.a.
T 23	7 42	22 4	4 14	11 23	1 8	9 20	0 25	17 4	1 59	13 16	1 43	11 44	2 16	16 59	0 8	23 34	0 10	22 42	17 29	1 29	2 0	7 11			n.a.
F 24	8 5	26 11	4 53	12 2	1 13	9 50	0 23	16 55	1 56	13 17	1 43	11 42	2 16	17 0	0 8	23 34	0 10	22 42	17 29	1 31	2 1	7 14			n.a.
S 25	8 28	28 32	5 12	12 41	1 19	10 20	0 21	16 46	1 53	13 18	1 43	11 41	2 16	17 1	0 8	23 34	0 10	22 42	17 29	1 32	2 2	7 18			n.a.
S 26	8 51	29 1	5 13	13 20	1 24	10 50	0 18	16 37	1 50	13 18	1 42	11 39	2 16	17 2	0 8	23 34	0 10	22 42	17 28	1 33	2 3	7 21			n.a.
M27	9 14	27 45	4 56	13 57	1 29	11 19	0 16	16 27	1 47	13 19	1 42	11 37	2 16	17 3	0 8	23 34	0 10	22 42	17 28	1 34	2 5	7 24			n.a.
T 28	9 37	25 2	4 25	14 34	1 34	11 48	0 14	16 18	1 44	13 19	1 42	11 36	2 16	17 4	0 8	23 34	0 10	22 42	17 28	1 34	2 6	7 28			n.a.
W29	10 0	21 12	3 42	15 11	1 39	12 17	0 11	16 8	1 41	13 19	1 41	11 34	2 16	17 5	0 8	23 34	0 10	22 43	17 28	1 33	2 7	7 31			n.a.
T 30	10 23	16 31	2 49	15 47	1 44	12 45	0 9	15 59	1 38	13 19	1 41	11 33	2 16	17 6	0 8	23 34	0 10	22 43	17 27	1 33	2 9	7 35			n.a.
F 31	10s45	11s18	1s51	16s21	1s48	13s13	0n 7	15s49	1s35	13s20	1s41	11n31	2s16	17s 7	0n 8	23s34	0s10	22s43	17s27	1s32	2s10	7n38			n.a.

Julian Day Number = 1311885.5, Delta T = 07h40m49s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'11, Lahiri = -19°26'10 Julian Calendar 1 Oct. 1122 BCE == Greg. Calendar 20 Sept. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

NOVEMBER 1122 BCE (-1121) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 58	28♎30'32	17♓32	10♏18	6♏ 3	22♒38	29°R41	5°R40	17♏16	10♑47	13°R 8	26♓14	24♓35	15♈ 4	n.a.	S 1
S 2	2 0 55	29°31'41	29°20	11°51	7°18	23° 0	29♒41	5♉36	17°20	10°48	13♓ 7	26°R14	24°32	15°11	n.a.	S 2
M 3	2 4 51	0♏32'50	11♈ 8	13°23	8°33	23°22	29°40	5°31	17°23	10°49	13° 7	26°13	24°29	15°17	n.a.	M 3
T 4	2 8 48	1°34'00	22°56	14°55	9°49	23°45	29°40	5°26	17°27	10°50	13° 6	26°10	24°26	15°24	n.a.	T 4
W 5	2 12 44	2°35'10	4♉49	16°27	11° 4	24° 9	29°D39	5°21	17°30	10°51	13° 5	26° 5	24°22	15°31	n.a.	W 5
T 6	2 16 41	3°36'21	16°46	17°59	12°20	24°32	29°39	5°16	17°34	10°52	13° 4	25°58	24°19	15°37	n.a.	T 6
F 7	2 20 37	4°37'33	28°51	19°30	13°35	24°56	29°40	5°11	17°37	10°53	13° 4	25°51	24°16	15°44	n.a.	F 7
S 8	2 24 34	5°38'46	11♊ 4	21° 1	14°50	25°21	29°40	5° 6	17°41	10°55	13° 3	25°43	24°13	15°51	n.a.	S 8
S 9	2 28 31	6°39'59	23°27	22°31	16° 6	25°46	29°41	5° 1	17°45	10°56	13° 2	25°36	24°10	15°57	n.a.	S 9
M10	2 32 27	7°41'13	6♋ 2	24° 1	17°21	26°11	29°41	4°56	17°48	10°57	13° 2	25°30	24° 7	16° 4	n.a.	M10
T 11	2 36 24	8°42'28	18°51	25°30	18°37	26°36	29°43	4°51	17°52	10°58	13° 1	25°26	24° 3	16°11	n.a.	T 11
W12	2 40 20	9°43'44	1♌57	26°58	19°52	27° 1	29°44	4°46	17°55	11° 0	13° 1	25°24	24° 0	16°17	n.a.	W12
T 13	2 44 17	10°45'00	15°21	28°24	21° 7	27°27	29°45	4°41	17°59	11° 1	13° 0	25°D24	23°57	16°24	n.a.	T 13
F 14	2 48 13	11°46'17	29° 8	29°49	22°23	27°54	29°47	4°36	18° 3	11° 2	13° 0	25°25	23°54	16°31	n.a.	F 14
S 15	2 52 10	12°47'34	13♍16	1♐13	23°38	28°20	29°49	4°31	18° 6	11° 4	12°59	25°26	23°51	16°37	n.a.	S 15
S 16	2 56 6	13°48'52	27°47	2°34	24°53	28°47	29°51	4°26	18°10	11° 5	12°59	25°R26	23°48	16°44	n.a.	S 16
M17	3 0 3	14°50'11	12♎36	3°53	26° 9	29°14	29°53	4°21	18°13	11° 6	12°58	25°25	23°44	16°51	n.a.	M17
T 18	3 4 0	15°51'29	27°38	5° 9	27°24	29°41	29°56	4°16	18°17	11° 8	12°58	25°22	23°41	16°57	n.a.	T 18
W19	3 7 56	16°52'49	12♏45	6°22	28°39	0♓ 9	29°58	4°11	18°21	11° 9	12°57	25°16	23°38	17° 4	n.a.	W19
T 20	3 11 53	17°54'08	27°47	7°31	29°55	0°37	0♓ 1	4° 6	18°24	11°11	12°57	25° 8	23°35	17°11	n.a.	T 20
F 21	3 15 49	18°55'27	12♐35	8°36	1♐10	1° 5	0° 4	4° 2	18°28	11°12	12°57	24°59	23°32	17°17	n.a.	F 21
S 22	3 19 46	19°56'47	27° 0	9°35	2°25	1°33	0° 8	3°57	18°32	11°14	12°56	24°50	23°28	17°24	n.a.	S 22
S 23	3 23 42	20°58'06	10♑57	10°28	3°41	2° 1	0°11	3°52	18°35	11°16	12°56	24°42	23°25	17°31	n.a.	S 23
M24	3 27 39	21°59'25	24°25	11°14	4°56	2°30	0°15	3°48	18°39	11°17	12°55	24°36	23°22	17°37	n.a.	M24
T 25	3 31 36	23° 0'43	7♒25	11°53	6°11	2°59	0°19	3°43	18°42	11°19	12°55	24°33	23°19	17°44	n.a.	T 25
W26	3 35 32	24° 2'01	20° 0	12°23	7°26	3°28	0°23	3°39	18°46	11°21	12°55	24°D31	23°16	17°50	n.a.	W26
T 27	3 39 29	25° 3'19	2♓15	12°44	8°41	3°58	0°27	3°34	18°50	11°22	12°55	24°31	23°13	17°57	n.a.	T 27
F 28	3 43 25	26° 4'36	14°15	12°R54	9°57	4°27	0°31	3°30	18°53	11°24	12°54	24°32	23° 9	18° 4	n.a.	F 28
S 29	3 47 22	27° 5'52	26° 6	12°53	11°12	4°57	0°36	3°25	18°57	11°26	12°54	24°R32	23° 6	18°10	n.a.	S 29
S 30	3 51 18	28♏ 7'08	7♈53	12♐40	12♐27	5♓27	0♓41	3♉21	19♏ 1	11♑27	12♓54	24♓31	23♓ 3	18♈17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 7	5s44	0s48	16s56	1s52	13s41	0n 4	15s39	1s33	13s20	1s40	11n29	2s16	17s 8	0n 8	23s33	0s10	22s43	17s27	1s31	2s11	7n41		n.a.
S 2	11 29	0 0	0n17	17 29	1 56	14 9	0 2	15 29	1 30	13 20	1 40	11 28	2 16	17 9	0 8	23 33	0 10	22 43	17 27	1 31	2 12	7 45		n.a.
M 3	11 51	5n42	1 21	18 1	2 0	14 36	0s 1	15 19	1 27	13 20	1 40	11 26	2 16	17 10	0 8	23 33	0 10	22 43	17 26	1 32	2 14	7 48		n.a.
T 4	12 13	11 14	2 21	18 32	2 3	15 3	0 3	15 9	1 25	13 19	1 39	11 24	2 16	17 11	0 8	23 33	0 10	22 43	17 26	1 33	2 15	7 51		n.a.
W 5	12 34	16 23	3 15	19 2	2 6	15 29	0 5	14 59	1 22	13 19	1 39	11 23	2 16	17 12	0 8	23 33	0 10	22 43	17 26	1 35	2 16	7 55		n.a.
T 6	12 55	20 57	4 1	19 31	2 9	15 55	0 8	14 48	1 20	13 19	1 39	11 21	2 16	17 13	0 8	23 33	0 10	22 43	17 25	1 38	2 17	7 58		n.a.
F 7	13 16	24 43	4 36	19 59	2 11	16 20	0 10	14 38	1 17	13 19	1 38	11 20	2 16	17 14	0 8	23 33	0 10	22 43	17 25	1 41	2 19	8 2		n.a.
S 8	13 37	27 24	4 59	20 26	2 13	16 45	0 13	14 27	1 15	13 18	1 38	11 18	2 16	17 15	0 8	23 33	0 10	22 43	17 25	1 44	2 20	8 5		n.a.
S 9	13 58	28 49	5 9	20 51	2 14	17 10	0 15	14 16	1 12	13 18	1 38	11 16	2 16	17 16	0 8	23 33	0 10	22 43	17 25	1 47	2 21	8 8		n.a.
M10	14 18	28 45	5 4	21 15	2 15	17 34	0 17	14 5	1 10	13 17	1 38	11 15	2 16	17 18	0 8	23 33	0 10	22 43	17 24	1 49	2 23	8 12		n.a.
T 11	14 38	27 10	4 44	21 38	2 15	17 58	0 20	13 54	1 7	13 16	1 37	11 13	2 16	17 19	0 8	23 33	0 10	22 43	17 24	1 51	2 24	8 15		n.a.
W12	14 58	24 5	4 9	21 59	2 15	18 21	0 22	13 43	1 5	13 16	1 37	11 12	2 16	17 20	0 8	23 33	0 11	22 43	17 24	1 51	2 25	8 18		n.a.
T 13	15 18	19 40	3 20	22 18	2 14	18 44	0 25	13 32	1 3	13 15	1 37	11 10	2 15	17 21	0 8	23 32	0 11	22 43	17 23	1 52	2 26	8 22		n.a.
F 14	15 37	14 6	2 17	22 36	2 13	19 6	0 27	13 21	1 1	13 14	1 36	11 8	2 15	17 22	0 8	23 32	0 11	22 43	17 23	1 51	2 28	8 25		n.a.
S 15	15 56	7 41	1 5	22 52	2 10	19 27	0 29	13 9	0 58	13 13	1 36	11 7	2 15	17 23	0 8	23 32	0 11	22 42	17 23	1 51	2 29	8 28		n.a.
S 16	16 15	0 42	0s13	23 6	2 7	19 49	0 32	12 58	0 56	13 12	1 36	11 5	2 15	17 24	0 8	23 32	0 11	22 42	17 22	1 50	2 30	8 32		n.a.
M17	16 33	6s27	1 31	23 18	2 4	20 9	0 34	12 46	0 54	13 11	1 35	11 4	2 15	17 25	0 8	23 32	0 11	22 42	17 22	1 51	2 32	8 35		n.a.
T 18	16 51	13 21	2 44	23 28	1 59	20 29	0 36	12 35	0 52	13 10	1 35	11 2	2 15	17 26	0 8	23 32	0 11	22 42	17 22	1 52	2 33	8 39		n.a.
W19	17 9	19 30	3 46	23 35	1 54	20 49	0 38	12 23	0 50	13 8	1 35	11 1	2 15	17 27	0 8	23 32	0 11	22 42	17 21	1 55	2 34	8 42		n.a.
T 20	17 27	24 24	4 32	23 41	1 47	21 7	0 41	12 11	0 48	13 7	1 34	10 59	2 15	17 28	0 8	23 32	0 11	22 42	17 21	1 58	2 35	8 45		n.a.
F 21	17 44	27 37	4 59	23 44	1 39	21 26	0 43	11 59	0 46	13 6	1 34	10 58	2 14	17 29	0 8	23 31	0 11	22 42	17 21	2 2	2 37	8 49		n.a.
S 22	18 1	28 53	5 6	23 45	1 31	21 43	0 45	11 47	0 44	13 4	1 34	10 56	2 14	17 30	0 8	23 31	0 11	22 42	17 20	2 5	2 38	8 52		n.a.
S 23	18 17	28 15	4 54	23 43	1 21	22 0	0 47	11 35	0 42	13 2	1 33	10 55	2 14	17 31	0 8	23 31	0 11	22 41	17 20	2 8	2 39	8 55		n.a.
M24	18 34	25 57	4 26	23 38	1 10	22 16	0 49	11 22	0 40	13 1	1 33	10 53	2 14	17 32	0 8	23 31	0 11	22 41	17 20	2 11	2 40	8 59		n.a.
T 25	18 50	22 20	3 45	23 32	0 57	22 32	0 51	11 10	0 38	12 59	1 33	10 52	2 14	17 33	0 8	23 31	0 11	22 41	17 19	2 12	2 42	9 2		n.a.
W26	19 5	17 48	2 54	23 22	0 43	22 47	0 53	10 58	0 36	12 57	1 32	10 51	2 14	17 34	0 8	23 31	0 11	22 41	17 19	2 13	2 43	9 5		n.a.
T 27	19 20	12 39	1 56	23 10	0 28	23 1	0 55	10 45	0 35	12 56	1 32	10 49	2 13	17 35	0 8	23 31	0 11	22 41	17 19	2 13	2 44	9 9		n.a.
F 28	19 35	7 8	0 55	22 55	0 12	23 15	0 57	10 32	0 33	12 54	1 32	10 48	2 13	17 36	0 8	23 31	0 11	22 40	17 18	2 12	2 46	9 12		n.a.
S 29	19 50	1 27	0n 8	22 38	0n 5	23 28	0 59	10 20	0 31	12 52	1 31	10 47	2 13	17 37	0 8	23 30	0 11	22 40	17 18	2 12	2 47	9 15		n.a.
S 30	20s 4	4n15	1n11	22s18	0n24	23s40	1s 1	10s 7	0s29	12s50	1s31	10n45	2s13	17s38	0n 8	23s30	0s11	22s40	17s17	2s13	2s48	9n19		n.a.

Julian Day Number = 1311916.5, Delta T = 07h40m48s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'07, Lahiri = -19°26'06 Julian Calendar 1 Nov. 1122 BCE == Greg. Calendar 21 Oct. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1122 BCE
geocentric

DECEMBER 1122 BCE (-1121) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 55 15	29♏ 8'24	19♈40	12°R16	13♐42	5♓57	0♓46	3°R17	19♏ 4	11♑29	12°R54	24°R28	23♓ 0	18♈24	n.a.	M 1
T 2	3 59 11	0♐ 9'39	1♉31	11♐40	14°57	6°28	0°51	3♉13	19° 8	11°31	12♓54	24♓22	22°57	18°30	n.a.	T 2
W 3	4 3 8	1°10'53	13°29	10°52	16°12	6°58	0°56	3° 8	19°11	11°33	12°54	24°13	22°54	18°37	n.a.	W 3
T 4	4 7 5	2°12'07	25°37	9°55	17°28	7°29	1° 2	3° 4	19°15	11°35	12°53	24° 2	22°50	18°44	n.a.	T 4
F 5	4 11 1	3°13'20	7♊55	8°49	18°43	8° 0	1° 7	3° 0	19°18	11°37	12°53	23°49	22°47	18°50	n.a.	F 5
S 6	4 14 58	4°14'33	20°23	7°36	19°58	8°31	1°13	2°57	19°22	11°38	12°53	23°36	22°44	18°57	n.a.	S 6
S 7	4 18 54	5°15'46	3♋ 3	6°19	21°13	9° 2	1°19	2°53	19°25	11°40	12°53	23°23	22°41	19° 4	n.a.	S 7
M 8	4 22 51	6°16'58	15°54	5° 0	22°28	9°34	1°26	2°49	19°29	11°42	12°D53	23°12	22°38	19°10	n.a.	M 8
T 9	4 26 47	7°18'09	28°56	3°42	23°43	10° 5	1°32	2°45	19°32	11°44	12°53	23° 4	22°34	19°17	n.a.	T 9
W10	4 30 44	8°19'20	12♌ 9	2°26	24°58	10°37	1°38	2°42	19°36	11°46	12°53	22°59	22°31	19°24	n.a.	W10
T 11	4 34 41	9°20'31	25°36	1°16	26°13	11° 8	1°45	2°38	19°39	11°48	12°53	22°56	22°28	19°30	n.a.	T 11
F 12	4 38 37	10°21'41	9♍17	0°12	27°28	11°40	1°52	2°35	19°43	11°50	12°54	22°D56	22°25	19°37	n.a.	F 12
S 13	4 42 34	11°22'50	23°13	29♏16	28°43	12°12	1°59	2°32	19°46	11°52	12°54	22°R56	22°22	19°44	n.a.	S 13
S 14	4 46 30	12°23'59	7♎25	28°29	29°58	12°45	2° 6	2°28	19°50	11°54	12°54	22°55	22°19	19°50	n.a.	S 14
M15	4 50 27	13°25'07	21°51	27°51	1♑13	13°17	2°14	2°25	19°53	11°56	12°54	22°53	22°15	19°57	n.a.	M15
T 16	4 54 23	14°26'15	6♏29	27°23	2°28	13°49	2°21	2°22	19°57	11°58	12°54	22°47	22°12	20° 4	n.a.	T 16
W17	4 58 20	15°27'22	21°14	27° 4	3°42	14°22	2°29	2°19	20° 0	12° 0	12°54	22°39	22° 9	20°10	n.a.	W17
T 18	5 2 16	16°28'28	5♐58	26°53	4°57	14°55	2°37	2°16	20° 3	12° 3	12°54	22°28	22° 6	20°17	n.a.	T 18
F 19	5 6 13	17°29'34	20°32	26°D51	6°12	15°27	2°45	2°14	20° 7	12° 5	12°55	22°16	22° 3	20°24	n.a.	F 19
S 20	5 10 10	18°30'38	4♑51	26°56	7°27	16° 0	2°53	2°11	20°10	12° 7	12°55	22° 3	22° 0	20°30	n.a.	S 20
S 21	5 14 6	19°31'41	18°46	27° 9	8°42	16°33	3° 1	2° 8	20°13	12° 9	12°55	21°52	21°56	20°37	n.a.	S 21
M22	5 18 3	20°32'43	2♒16	27°29	9°57	17° 7	3° 9	2° 6	20°17	12°11	12°56	21°43	21°53	20°44	n.a.	M22
T 23	5 21 59	21°33'43	15°19	27°55	11°11	17°40	3°18	2° 3	20°20	12°13	12°56	21°36	21°50	20°50	n.a.	T 23
W24	5 25 56	22°34'42	27°58	28°27	12°26	18°13	3°27	2° 1	20°23	12°15	12°56	21°33	21°47	20°57	n.a.	W24
T 25	5 29 52	23°35'39	10♓17	29° 3	13°41	18°47	3°35	1°59	20°26	12°18	12°57	21°31	21°44	21° 4	n.a.	T 25
F 26	5 33 49	24°36'35	22°20	29°45	14°56	19°20	3°44	1°57	20°29	12°20	12°57	21°31	21°40	21°10	n.a.	F 26
S 27	5 37 46	25°37'29	4♈12	0♐30	16°10	19°54	3°54	1°55	20°33	12°22	12°57	21°31	21°37	21°17	n.a.	S 27
S 28	5 41 42	26°38'22	16° 0	1°20	17°25	20°28	4° 3	1°53	20°36	12°24	12°58	21°30	21°34	21°24	n.a.	S 28
M29	5 45 39	27°39'13	27°49	2°13	18°40	21° 1	4°12	1°52	20°39	12°26	12°58	21°26	21°31	21°30	n.a.	M29
T 30	5 49 35	28°40'02	9♉43	3° 9	19°54	21°35	4°22	1°50	20°42	12°29	12°59	21°20	21°28	21°37	n.a.	T 30
W31	5 53 32	29♐40'50	21♉47	4♐ 8	21♑ 9	22♓ 9	4♓31	1♉48	20♏45	12♑31	12♓59	21♓12	21♓25	21♈44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s18	9n49	2n10	21s56	0n43	23s52	1s 3	9s54	0s28	12s48	1s31	10n44	2s13	17s39	0n 8	23s30	0s11	22s40	17s17	2s14	2s49	9n22		n.a.
T 2	20 31	15 3	3 4	21 31	1 2	24 2	1 5	9 41	0 26	12 46	1 31	10 43	2 13	17 40	0 8	23 30	0 11	22 39	17 17	2 16	2 51	9 25		n.a.
W 3	20 44	19 47	3 50	21 5	1 22	24 13	1 7	9 28	0 24	12 43	1 30	10 41	2 12	17 41	0 8	23 30	0 11	22 39	17 16	2 20	2 52	9 29		n.a.
T 4	20 56	23 46	4 26	20 37	1 42	24 22	1 8	9 15	0 23	12 41	1 30	10 40	2 12	17 42	0 8	23 30	0 11	22 39	17 16	2 24	2 53	9 32		n.a.
F 5	21 9	26 45	4 50	20 9	2 1	24 30	1 10	9 2	0 21	12 39	1 30	10 39	2 12	17 43	0 8	23 29	0 11	22 38	17 16	2 30	2 54	9 35		n.a.
S 6	21 20	28 29	5 1	19 40	2 18	24 38	1 12	8 49	0 20	12 36	1 29	10 38	2 12	17 44	0 8	23 29	0 11	22 38	17 15	2 35	2 56	9 38		n.a.
S 7	21 32	28 45	4 57	19 11	2 35	24 45	1 13	8 35	0 18	12 34	1 29	10 37	2 11	17 45	0 8	23 29	0 11	22 38	17 15	2 40	2 57	9 42		n.a.
M 8	21 43	27 28	4 38	18 43	2 49	24 52	1 15	8 22	0 17	12 31	1 29	10 36	2 11	17 46	0 8	23 29	0 11	22 37	17 14	2 44	2 58	9 45		n.a.
T 9	21 53	24 42	4 5	18 16	3 1	24 57	1 16	8 9	0 15	12 29	1 28	10 35	2 11	17 47	0 8	23 29	0 11	22 37	17 14	2 48	3 0	9 48		n.a.
W10	22 3	20 35	3 18	17 52	3 11	25 2	1 18	7 55	0 14	12 26	1 28	10 34	2 11	17 48	0 8	23 29	0 11	22 37	17 14	2 50	3 1	9 52		n.a.
T 11	22 13	15 22	2 19	17 31	3 18	25 6	1 19	7 41	0 12	12 23	1 28	10 33	2 11	17 49	0 8	23 29	0 11	22 36	17 13	2 51	3 2	9 55		n.a.
F 12	22 22	9 19	1 12	17 13	3 23	25 9	1 21	7 28	0 11	12 21	1 28	10 32	2 10	17 50	0 8	23 28	0 11	22 36	17 13	2 51	3 3	9 58		n.a.
S 13	22 31	2 43	0s 2	16 59	3 26	25 11	1 22	7 14	0 9	12 18	1 27	10 31	2 10	17 51	0 8	23 28	0 11	22 36	17 13	2 51	3 5	10 2		n.a.
S 14	22 39	4s 9	1 16	16 48	3 26	25 13	1 23	7 0	0 8	12 15	1 27	10 30	2 10	17 52	0 8	23 28	0 11	22 35	17 12	2 51	3 6	10 5		n.a.
M15	22 47	10 55	2 27	16 41	3 25	25 14	1 24	6 47	0 7	12 12	1 27	10 29	2 10	17 53	0 8	23 28	0 11	22 35	17 12	2 52	3 7	10 8		n.a.
T 16	22 54	17 10	3 28	16 37	3 22	25 14	1 25	6 33	0 5	12 9	1 26	10 28	2 9	17 54	0 8	23 28	0 11	22 34	17 12	2 54	3 9	10 11		n.a.
W17	23 1	22 29	4 17	16 37	3 18	25 13	1 27	6 19	0 4	12 6	1 26	10 27	2 9	17 55	0 8	23 27	0 11	22 34	17 11	2 58	3 10	10 15		n.a.
T 18	23 8	26 22	4 48	16 40	3 12	25 12	1 28	6 5	0 3	12 3	1 26	10 27	2 9	17 55	0 8	23 27	0 11	22 34	17 11	3 2	3 11	10 18		n.a.
F 19	23 14	28 28	5 0	16 46	3 5	25 9	1 28	5 51	0 1	12 0	1 26	10 26	2 9	17 56	0 8	23 27	0 11	22 33	17 10	3 7	3 12	10 21		n.a.
S 20	23 19	28 37	4 53	16 54	2 58	25 6	1 29	5 37	0 0	11 56	1 25	10 25	2 8	17 57	0 8	23 27	0 11	22 33	17 10	3 12	3 14	10 25		n.a.
S 21	23 25	26 55	4 28	17 5	2 50	25 2	1 30	5 22	0n 1	11 53	1 25	10 25	2 8	17 58	0 8	23 27	0 11	22 32	17 10	3 17	3 15	10 28		n.a.
M22	23 29	23 41	3 49	17 18	2 41	24 58	1 31	5 8	0 2	11 50	1 25	10 24	2 8	17 59	0 8	23 27	0 11	22 32	17 9	3 20	3 16	10 31		n.a.
T 23	23 33	19 21	2 59	17 33	2 32	24 52	1 32	4 54	0 3	11 46	1 25	10 23	2 8	18 0	0 7	23 26	0 11	22 31	17 9	3 23	3 17	10 34		n.a.
W24	23 37	14 16	2 1	17 49	2 23	24 46	1 32	4 40	0 5	11 43	1 24	10 23	2 7	18 1	0 7	23 26	0 11	22 31	17 9	3 24	3 19	10 38		n.a.
T 25	23 40	8 45	0 59	18 6	2 14	24 39	1 33	4 25	0 6	11 39	1 24	10 22	2 7	18 2	0 7	23 26	0 11	22 30	17 8	3 25	3 20	10 41		n.a.
F 26	23 43	3 2	0n 4	18 25	2 4	24 31	1 33	4 11	0 7	11 36	1 24	10 22	2 7	18 3	0 7	23 26	0 11	22 30	17 8	3 25	3 21	10 44		n.a.
S 27	23 45	2n43	1 7	18 44	1 54	24 23	1 34	3 56	0 8	11 32	1 24	10 22	2 6	18 3	0 7	23 26	0 11	22 29	17 7	3 25	3 23	10 48		n.a.
S 28	23 47	8 19	2 6	19 4	1 44	24 14	1 34	3 42	0 9	11 29	1 23	10 21	2 6	18 4	0 7	23 25	0 11	22 29	17 7	3 26	3 24	10 51		n.a.
M29	23 49	13 39	2 59	19 24	1 34	24 4	1 34	3 27	0 10	11 25	1 23	10 21	2 6	18 5	0 7	23 25	0 11	22 28	17 7	3 27	3 25	10 54		n.a.
T 30	23 49	18 31	3 46	19 45	1 24	23 53	1 34	3 13	0 11	11 21	1 23	10 21	2 6	18 6	0 7	23 25	0 11	22 28	17 6	3 29	3 26	10 57		n.a.
W31	23s50	22n43	4n22	20s 6	1n15	23s42	1s35	2s58	0n12	11s17	1s23	10n20	2s 5	18s 7	0n 7	23s25	0s11	22s27	17s 6	3s33	3s28	11n 1		n.a.

Julian Day Number = 1311946.5, Delta T = 07h40m46s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°33'03, Lahiri = -19°26'02 Julian Calendar 1 Dec. 1122 BCE == Greg. Calendar 20 Nov. 1122 BCE

The year -1121 astronomical counting style corresponds to year 1122 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

JANUARY 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 28	0♉41'36	4♊ 3	5♐10	22♉23	22♓43	4♓41	1°R47	20♏48	12♉33	13♓ 0	21°R 0	21♓21	21♈50	n.a.	T 1
F 2	6 1 25	1°42'21	16°33	6°14	23°38	23°18	4°51	1♉46	20°51	12°35	13° 0	20♓47	21°18	21°57	n.a.	F 2
S 3	6 5 21	2°43'04	29°19	7°21	24°52	23°52	5° 1	1°45	20°54	12°37	13° 1	20°34	21°15	22° 4	n.a.	S 3
S 4	6 9 18	3°43'46	12♋19	8°30	26° 7	24°26	5°11	1°44	20°57	12°40	13° 2	20°21	21°12	22°10	n.a.	S 4
M 5	6 13 15	4°44'26	25°32	9°41	27°21	25° 0	5°21	1°43	21° 0	12°42	13° 2	20° 9	21° 9	22°17	n.a.	M 5
T 6	6 17 11	5°45'04	8♌56	10°53	28°36	25°35	5°31	1°42	21° 2	12°44	13° 3	20° 1	21° 6	22°24	n.a.	T 6
W 7	6 21 8	6°45'41	22°30	12° 7	29°50	26° 9	5°42	1°41	21° 5	12°47	13° 3	19°55	21° 2	22°30	n.a.	W 7
T 8	6 25 4	7°46'16	6♍12	13°23	1♒ 4	26°44	5°52	1°40	21° 8	12°49	13° 4	19°52	20°59	22°37	n.a.	T 8
F 9	6 29 1	8°46'50	20° 3	14°41	2°19	27°19	6° 3	1°40	21°11	12°51	13° 5	19°D52	20°56	22°44	n.a.	F 9
S 10	6 32 57	9°47'23	4♎ 0	16° 0	3°33	27°53	6°14	1°40	21°13	12°53	13° 6	19°R52	20°53	22°50	n.a.	S 10
S 11	6 36 54	10°47'54	18° 4	17°20	4°47	28°28	6°25	1°39	21°16	12°56	13° 6	19°52	20°50	22°57	n.a.	S 11
M12	6 40 50	11°48'24	2♏15	18°42	6° 1	29° 3	6°35	1°39	21°19	12°58	13° 7	19°50	20°46	23° 4	n.a.	M12
T 13	6 44 47	12°48'52	16°31	20° 4	7°15	29°38	6°47	1°D39	21°21	13° 0	13° 8	19°46	20°43	23°10	n.a.	T 13
W14	6 48 44	13°49'19	0♐49	21°28	8°29	0♈13	6°58	1°39	21°24	13° 2	13° 9	19°39	20°40	23°17	n.a.	W14
T 15	6 52 40	14°49'45	15° 5	22°54	9°44	0°48	7° 9	1°39	21°26	13° 5	13° 9	19°30	20°37	23°24	n.a.	T 15
F 16	6 56 37	15°50'08	29°13	24°20	10°58	1°23	7°20	1°40	21°29	13° 7	13°10	19°20	20°34	23°30	n.a.	F 16
S 17	7 0 33	16°50'30	13♑ 9	25°48	12°12	1°58	7°32	1°40	21°31	13° 9	13°11	19° 9	20°31	23°37	n.a.	S 17
S 18	7 4 30	17°50'50	26°48	27°16	13°26	2°33	7°43	1°41	21°34	13°12	13°12	18°59	20°27	23°44	n.a.	S 18
M19	7 8 26	18°51'08	10♒ 7	28°46	14°40	3° 8	7°55	1°41	21°36	13°14	13°13	18°51	20°24	23°50	n.a.	M19
T 20	7 12 23	19°51'24	23° 5	0♑17	15°54	3°44	8° 7	1°42	21°38	13°16	13°14	18°45	20°21	23°57	n.a.	T 20
W21	7 16 20	20°51'38	5♓43	1°49	17° 7	4°19	8°18	1°43	21°41	13°18	13°15	18°42	20°18	24° 4	n.a.	W21
T 22	7 20 16	21°51'50	18° 1	3°22	18°21	4°54	8°30	1°44	21°43	13°21	13°15	18°D41	20°15	24°10	n.a.	T 22
F 23	7 24 13	22°51'59	0♈ 6	4°55	19°35	5°30	8°42	1°45	21°45	13°23	13°16	18°42	20°12	24°17	n.a.	F 23
S 24	7 28 9	23°52'06	12° 0	6°30	20°49	6° 5	8°54	1°46	21°47	13°25	13°17	18°43	20° 8	24°24	n.a.	S 24
S 25	7 32 6	24°52'11	23°50	8° 7	22° 2	6°41	9° 7	1°48	21°49	13°27	13°18	18°R43	20° 5	24°30	n.a.	S 25
M26	7 36 2	25°52'14	5♉40	9°44	23°16	7°16	9°19	1°49	21°51	13°30	13°19	18°43	20° 2	24°37	n.a.	M26
T 27	7 39 59	26°52'14	17°36	11°22	24°30	7°52	9°31	1°51	21°54	13°32	13°20	18°40	19°59	24°44	n.a.	T 27
W28	7 43 55	27°52'12	29°42	13° 1	25°43	8°28	9°43	1°52	21°56	13°34	13°21	18°36	19°56	24°50	n.a.	W28
T 29	7 47 52	28°52'08	12♊ 3	14°42	26°57	9° 3	9°56	1°54	21°57	13°36	13°22	18°29	19°52	24°57	n.a.	T 29
F 30	7 51 48	29°52'02	24°42	16°23	28°10	9°39	10° 8	1°56	21°59	13°39	13°23	18°21	19°49	25° 4	n.a.	F 30
S 31	7 55 45	0♒51'53	7♋39	18♑ 6	29♒23	10♈15	10♓21	1♉58	22♏ 1	13♑41	13♓25	18♓13	19♓46	25♈10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s50	26n 0	4n47	20 s27	1n 5	23 s30	1 s35	2 s44	0n13	11 s13	1 s22	10n20	2 s 5	18 s 8	0n 7	23 s25	0 s11	22 s27	17 s 6	3 s37	3 s29	11n 4		n.a.
F 2	23 49	28 6	4 59	20 48	0 55	23 17	1 35	2 29	0 14	11 10	1 22	10 20	2 5	18 8	0 7	23 24	0 11	22 26	17 5	3 43	3 30	11 7		n.a.
S 3	23 48	28 47	4 57	21 8	0 46	23 3	1 35	2 14	0 15	11 6	1 22	10 20	2 4	18 9	0 7	23 24	0 11	22 26	17 5	3 48	3 31	11 10		n.a.
S 4	23 47	27 53	4 39	21 29	0 37	22 49	1 34	2 0	0 16	11 2	1 22	10 20	2 4	18 10	0 7	23 24	0 11	22 25	17 5	3 53	3 33	11 14		n.a.
M 5	23 45	25 24	4 6	21 49	0 28	22 34	1 34	1 45	0 17	10 58	1 21	10 20	2 4	18 11	0 7	23 24	0 11	22 25	17 4	3 58	3 34	11 17		n.a.
T 6	23 42	21 30	3 19	22 8	0 19	22 19	1 34	1 30	0 18	10 54	1 21	10 20	2 4	18 11	0 7	23 24	0 11	22 24	17 4	4 1	3 35	11 20		n.a.
W 7	23 39	16 26	2 20	22 27	0 10	22 3	1 34	1 15	0 19	10 49	1 21	10 20	2 3	18 12	0 7	23 23	0 11	22 24	17 4	4 3	3 36	11 23		n.a.
T 8	23 36	10 29	1 12	22 46	0 1	21 46	1 33	1 1	0 20	10 45	1 21	10 20	2 3	18 13	0 7	23 23	0 11	22 23	17 3	4 4	3 38	11 26		n.a.
F 9	23 32	4 0	0 s 1	23 3	0 s 7	21 28	1 33	0 46	0 21	10 41	1 21	10 20	2 3	18 14	0 7	23 23	0 11	22 22	17 3	4 5	3 39	11 30		n.a.
S 10	23 28	2 s45	1 14	23 20	0 15	21 10	1 32	0 31	0 22	10 37	1 20	10 20	2 2	18 14	0 7	23 23	0 11	22 22	17 3	4 5	3 40	11 33		n.a.
S 11	23 23	9 25	2 24	23 36	0 23	20 52	1 32	0 16	0 23	10 33	1 20	10 20	2 2	18 15	0 7	23 22	0 11	22 21	17 2	4 5	3 42	11 36		n.a.
M12	23 18	15 39	3 25	23 51	0 31	20 32	1 31	0 1	0 24	10 28	1 20	10 20	2 2	18 16	0 7	23 22	0 11	22 21	17 2	4 5	3 43	11 39		n.a.
T 13	23 12	21 5	4 14	24 5	0 38	20 12	1 30	0n14	0 25	10 24	1 20	10 21	2 2	18 17	0 7	23 22	0 11	22 20	17 2	4 7	3 44	11 43		n.a.
W14	23 6	25 20	4 47	24 19	0 46	19 52	1 29	0 28	0 26	10 20	1 20	10 21	2 1	18 17	0 7	23 22	0 11	22 19	17 1	4 10	3 45	11 46		n.a.
T 15	22 59	27 59	5 2	24 31	0 53	19 31	1 28	0 43	0 26	10 15	1 19	10 21	2 1	18 18	0 7	23 22	0 11	22 19	17 1	4 13	3 47	11 49		n.a.
F 16	22 52	28 48	4 58	24 42	0 59	19 10	1 27	0 58	0 27	10 11	1 19	10 22	2 1	18 19	0 7	23 21	0 11	22 18	17 1	4 17	3 48	11 52		n.a.
S 17	22 45	27 46	4 37	24 51	1 6	18 48	1 26	1 13	0 28	10 6	1 19	10 22	2 0	18 19	0 7	23 21	0 11	22 18	17 0	4 22	3 49	11 55		n.a.
S 18	22 37	25 4	4 0	25 0	1 12	18 25	1 25	1 28	0 29	10 2	1 19	10 23	2 0	18 20	0 7	23 21	0 11	22 17	17 0	4 26	3 50	11 59		n.a.
M19	22 29	21 3	3 11	25 7	1 18	18 2	1 24	1 43	0 30	9 57	1 19	10 23	2 0	18 21	0 7	23 21	0 11	22 16	17 0	4 29	3 52	12 2		n.a.
T 20	22 20	16 7	2 12	25 13	1 23	17 39	1 23	1 58	0 30	9 52	1 18	10 24	1 59	18 21	0 7	23 21	0 11	22 16	17 0	4 31	3 53	12 5		n.a.
W21	22 11	10 38	1 9	25 17	1 28	17 15	1 21	2 13	0 31	9 48	1 18	10 24	1 59	18 22	0 7	23 20	0 11	22 15	16 59	4 32	3 54	12 8		n.a.
T 22	22 1	4 52	0 4	25 20	1 33	16 50	1 20	2 28	0 32	9 43	1 18	10 25	1 59	18 22	0 7	23 20	0 11	22 14	16 59	4 33	3 56	12 11		n.a.
F 23	21 51	0n58	1n 1	25 22	1 38	16 25	1 18	2 43	0 33	9 38	1 18	10 26	1 59	18 23	0 7	23 20	0 11	22 14	16 59	4 33	3 57	12 15		n.a.
S 24	21 41	6 41	2 2	25 22	1 42	16 0	1 17	2 58	0 33	9 33	1 18	10 26	1 58	18 23	0 7	23 20	0 11	22 13	16 58	4 32	3 58	12 18		n.a.
S 25	21 30	12 8	2 57	25 20	1 46	15 34	1 15	3 13	0 34	9 29	1 18	10 27	1 58	18 24	0 7	23 19	0 11	22 13	16 58	4 32	3 59	12 21		n.a.
M26	21 19	17 9	3 45	25 17	1 50	15 8	1 13	3 28	0 35	9 24	1 17	10 28	1 58	18 25	0 7	23 19	0 11	22 12	16 58	4 32	4 1	12 24		n.a.
T 27	21 8	21 34	4 23	25 12	1 53	14 42	1 12	3 43	0 35	9 19	1 17	10 29	1 57	18 25	0 7	23 19	0 11	22 11	16 58	4 33	4 2	12 27		n.a.
W28	20 56	25 9	4 51	25 6	1 56	14 15	1 10	3 58	0 36	9 14	1 17	10 29	1 57	18 26	0 7	23 19	0 11	22 11	16 57	4 35	4 3	12 31		n.a.
T 29	20 43	27 39	5 5	24 58	1 58	13 48	1 8	4 13	0 37	9 9	1 17	10 30	1 57	18 26	0 7	23 19	0 11	22 10	16 57	4 38	4 4	12 34		n.a.
F 30	20 31	28 48	5 5	24 47	2 0	13 20	1 6	4 27	0 38	9 4	1 17	10 31	1 57	18 27	0 7	23 18	0 11	22 9	16 57	4 41	4 6	12 37		n.a.
S 31	20 s18	28n26	4n50	24 s36	2 s 2	12 s52	1 s 4	4n42	0n38	8 s59	1 s17	10n32	1 s56	18 s27	0n 7	23 s18	0 s11	22 s 9	16 s57	4 s44	4 s 7	12n40		n.a.

Julian Day Number = 1311977.5, Delta T = 07h40m45s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'58, Lahiri = -19°25'58 Julian Calendar 1 Jan. 1121 BCE == Greg. Calendar 21 Dec. 1122 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

FEBRUARY 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 42	1♒51'42	20♋56	19♉50	0♓37	10♈51	10♓33	2♉ 0	22♏ 3	13♉43	13♓26	18°R 4	19♓43	25♈17	n.a.	S 1
M 2	8 3 38	2°51'29	4♌30	21°34	1°50	11°26	10°46	2° 3	22° 5	13°45	13°27	17♓57	19°40	25°24	n.a.	M 2
T 3	8 7 35	3°51'14	18°19	23°21	3° 3	12° 2	10°59	2° 5	22° 6	13°47	13°28	17°52	19°37	25°30	n.a.	T 3
W 4	8 11 31	4°50'56	2♍20	25° 8	4°16	12°38	11°12	2° 7	22° 8	13°49	13°29	17°49	19°33	25°37	n.a.	W 4
T 5	8 15 28	5°50'37	16°28	26°56	5°30	13°14	11°25	2°10	22°10	13°52	13°30	17°D48	19°30	25°44	n.a.	T 5
F 6	8 19 24	6°50'16	0♎40	28°46	6°43	13°50	11°38	2°12	22°11	13°54	13°31	17°48	19°27	25°51	n.a.	F 6
S 7	8 23 21	7°49'52	14°53	0♒37	7°56	14°26	11°51	2°15	22°13	13°56	13°32	17°50	19°24	25°57	n.a.	S 7
S 8	8 27 17	8°49'27	29° 5	2°29	9° 9	15° 2	12° 4	2°18	22°14	13°58	13°34	17°51	19°21	26° 4	n.a.	S 8
M 9	8 31 14	9°49'00	13♏15	4°22	10°21	15°38	12°17	2°21	22°16	14° 0	13°35	17°R51	19°18	26°11	n.a.	M 9
T 10	8 35 11	10°48'32	27°19	6°16	11°34	16°14	12°30	2°24	22°17	14° 2	13°36	17°50	19°14	26°17	n.a.	T 10
W11	8 39 7	11°48'01	11♐18	8°12	12°47	16°50	12°43	2°27	22°18	14° 4	13°37	17°47	19°11	26°24	n.a.	W11
T 12	8 43 4	12°47'29	25° 8	10° 9	14° 0	17°26	12°57	2°30	22°20	14° 6	13°38	17°43	19° 8	26°31	n.a.	T 12
F 13	8 47 0	13°46'55	8♑48	12° 7	15°12	18° 2	13°10	2°34	22°21	14° 8	13°40	17°37	19° 5	26°37	n.a.	F 13
S 14	8 50 57	14°46'18	22°17	14° 5	16°25	18°38	13°23	2°37	22°22	14°10	13°41	17°32	19° 2	26°44	n.a.	S 14
S 15	8 54 53	15°45'40	5♒31	16° 5	17°37	19°14	13°37	2°41	22°23	14°12	13°42	17°27	18°58	26°51	n.a.	S 15
M16	8 58 50	16°44'59	18°30	18° 6	18°50	19°51	13°50	2°45	22°24	14°14	13°43	17°23	18°55	26°57	n.a.	M16
T 17	9 2 46	17°44'17	1♓13	20° 7	20° 2	20°27	14° 4	2°48	22°25	14°16	13°45	17°20	18°52	27° 4	n.a.	T 17
W18	9 6 43	18°43'31	13°41	22° 9	21°15	21° 3	14°17	2°52	22°26	14°18	13°46	17°D19	18°49	27°11	n.a.	W18
T 19	9 10 40	19°42'44	25°55	24°12	22°27	21°39	14°31	2°56	22°27	14°20	13°47	17°19	18°46	27°17	n.a.	T 19
F 20	9 14 36	20°41'54	7♈57	26°14	23°39	22°16	14°44	3° 0	22°28	14°22	13°49	17°20	18°43	27°24	n.a.	F 20
S 21	9 18 33	21°41'02	19°51	28°17	24°51	22°52	14°58	3° 4	22°29	14°24	13°50	17°22	18°39	27°31	n.a.	S 21
S 22	9 22 29	22°40'07	1♉41	0♓19	26° 3	23°28	15°12	3° 8	22°30	14°26	13°51	17°24	18°36	27°37	n.a.	S 22
M23	9 26 26	23°39'10	13°32	2°21	27°15	24° 5	15°26	3°13	22°30	14°28	13°53	17°25	18°33	27°44	n.a.	M23
T 24	9 30 22	24°38'11	25°28	4°22	28°27	24°41	15°39	3°17	22°31	14°30	13°54	17°R26	18°30	27°51	n.a.	T 24
W25	9 34 19	25°37'09	7♊34	6°22	29°39	25°18	15°53	3°22	22°32	14°32	13°55	17°25	18°27	27°57	n.a.	W25
T 26	9 38 15	26°36'05	19°55	8°20	0♈51	25°54	16° 7	3°26	22°32	14°33	13°57	17°23	18°24	28° 4	n.a.	T 26
F 27	9 42 12	27°34'58	2♋35	10°17	2° 2	26°30	16°21	3°31	22°33	14°35	13°58	17°21	18°20	28°11	n.a.	F 27
S 28	9 46 8	28°33'50	15°36	12°11	3°14	27° 7	16°35	3°35	22°33	14°37	13°59	17°19	18°17	28°17	n.a.	S 28
S 29	9 50 5	29♒32'38	29♋ 1	14♓ 2	4♈25	27♈43	16♓49	3♉40	22♏34	14♉39	14♓ 1	17♓16	18♓14	28♈24	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 4	26n26	4n19	24s22	2s 3	12s24	1s 2	4n57	0n39	8s54	1s16	10n33	1s56	18s28	0n 7	23s18	0s11	22s 8	16s56	4s47	4s 8	12n43		n.a.
M 2	19 50	22 53	3 32	24 6	2 4	11 55	1 0	5 12	0 39	8 49	1 16	10 34	1 56	18 28	0 7	23 18	0 11	22 7	16 56	4 50	4 9	12 46		n.a.
T 3	19 36	18 0	2 33	23 49	2 4	11 26	0 57	5 27	0 40	8 44	1 16	10 35	1 55	18 29	0 7	23 18	0 11	22 7	16 56	4 52	4 11	12 50		n.a.
W 4	19 22	12 6	1 23	23 29	2 4	10 57	0 55	5 42	0 41	8 39	1 16	10 36	1 55	18 29	0 7	23 17	0 11	22 6	16 56	4 54	4 12	12 53		n.a.
T 5	19 7	5 32	0 7	23 7	2 3	10 28	0 53	5 56	0 41	8 34	1 16	10 38	1 55	18 29	0 7	23 17	0 11	22 5	16 55	4 54	4 13	12 56		n.a.
F 6	18 52	1s20	1s 9	22 44	2 2	9 58	0 51	6 11	0 42	8 29	1 16	10 39	1 55	18 30	0 7	23 17	0 11	22 5	16 55	4 54	4 15	12 59		n.a.
S 7	18 37	8 8	2 22	22 18	2 0	9 28	0 48	6 26	0 43	8 24	1 16	10 40	1 54	18 30	0 7	23 17	0 11	22 4	16 55	4 53	4 16	13 2		n.a.
S 8	18 21	14 31	3 25	21 51	1 58	8 58	0 46	6 40	0 43	8 18	1 15	10 41	1 54	18 31	0 7	23 16	0 11	22 3	16 55	4 53	4 17	13 5		n.a.
M 9	18 5	20 8	4 16	21 21	1 56	8 28	0 43	6 55	0 44	8 13	1 15	10 43	1 54	18 31	0 7	23 16	0 11	22 3	16 55	4 53	4 18	13 8		n.a.
T 10	17 48	24 36	4 51	20 49	1 52	7 58	0 40	7 10	0 44	8 8	1 15	10 44	1 53	18 31	0 7	23 16	0 11	22 2	16 54	4 53	4 20	13 12		n.a.
W11	17 32	27 36	5 9	20 15	1 49	7 27	0 38	7 24	0 45	8 3	1 15	10 45	1 53	18 32	0 7	23 16	0 11	22 1	16 54	4 54	4 21	13 15		n.a.
T 12	17 15	28 53	5 8	19 40	1 44	6 56	0 35	7 39	0 45	7 57	1 15	10 47	1 53	18 32	0 7	23 16	0 12	22 1	16 54	4 56	4 22	13 18		n.a.
F 13	16 58	28 21	4 50	19 2	1 39	6 25	0 32	7 53	0 46	7 52	1 15	10 48	1 53	18 32	0 7	23 15	0 12	22 0	16 54	4 58	4 23	13 21		n.a.
S 14	16 40	26 10	4 16	18 22	1 34	5 54	0 30	8 8	0 46	7 47	1 15	10 50	1 52	18 33	0 7	23 15	0 12	21 59	16 54	5 0	4 25	13 24		n.a.
S 15	16 22	22 34	3 29	17 40	1 28	5 23	0 27	8 22	0 47	7 41	1 15	10 51	1 52	18 33	0 7	23 15	0 12	21 59	16 53	5 2	4 26	13 27		n.a.
M16	16 4	17 55	2 31	16 56	1 21	4 51	0 24	8 37	0 47	7 36	1 14	10 53	1 52	18 33	0 7	23 15	0 12	21 58	16 53	5 4	4 27	13 30		n.a.
T 17	15 46	12 34	1 27	16 11	1 14	4 20	0 21	8 51	0 48	7 31	1 14	10 54	1 52	18 34	0 7	23 15	0 12	21 57	16 53	5 5	4 28	13 33		n.a.
W18	15 27	6 49	0 20	15 23	1 6	3 48	0 18	9 6	0 48	7 25	1 14	10 56	1 51	18 34	0 7	23 14	0 12	21 57	16 53	5 5	4 30	13 37		n.a.
T 19	15 9	0 56	0n47	14 34	0 58	3 16	0 15	9 20	0 49	7 20	1 14	10 57	1 51	18 34	0 7	23 14	0 12	21 56	16 53	5 5	4 31	13 40		n.a.
F 20	14 50	4n54	1 51	13 44	0 49	2 45	0 12	9 34	0 49	7 14	1 14	10 59	1 51	18 34	0 7	23 14	0 12	21 55	16 53	5 5	4 32	13 43		n.a.
S 21	14 30	10 29	2 49	12 52	0 39	2 13	0 9	9 48	0 50	7 9	1 14	11 1	1 50	18 34	0 7	23 14	0 12	21 55	16 52	5 4	4 33	13 46		n.a.
S 22	14 11	15 41	3 40	11 59	0 29	1 41	0 6	10 2	0 50	7 3	1 14	11 2	1 50	18 35	0 7	23 14	0 12	21 54	16 52	5 3	4 35	13 49		n.a.
M23	13 51	20 18	4 22	11 6	0 19	1 9	0 3	10 16	0 51	6 58	1 14	11 4	1 50	18 35	0 7	23 13	0 12	21 53	16 52	5 3	4 36	13 52		n.a.
T 24	13 31	24 10	4 52	10 11	0 8	0 37	0n 1	10 31	0 51	6 52	1 14	11 6	1 50	18 35	0 7	23 13	0 12	21 53	16 52	5 3	4 37	13 55		n.a.
W25	13 11	27 2	5 10	9 16	0n 4	0 5	0 4	10 45	0 52	6 47	1 13	11 7	1 49	18 35	0 7	23 13	0 12	21 52	16 52	5 3	4 39	13 58		n.a.
T 26	12 51	28 40	5 15	8 20	0 15	0n27	0 7	10 58	0 52	6 41	1 13	11 9	1 49	18 35	0 7	23 13	0 12	21 51	16 52	5 4	4 40	14 1		n.a.
F 27	12 31	28 52	5 4	7 25	0 27	0 59	0 10	11 12	0 53	6 36	1 13	11 11	1 49	18 35	0 7	23 13	0 12	21 51	16 52	5 5	4 41	14 4		n.a.
S 28	12 10	27 30	4 38	6 30	0 39	1 31	0 14	11 26	0 53	6 30	1 13	11 13	1 49	18 36	0 7	23 13	0 12	21 50	16 52	5 6	4 42	14 7		n.a.
S 29	11s49	24n32	3n56	5s36	0n51	2n 3	0n17	11n40	0n54	6s24	1s13	11n15	1s48	18s36	0n 7	23s12	0s12	21s50	16s51	5s 7	4s44	14n11		n.a.

Julian Day Number = 1312008.5, Delta T = 07h40m43s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'54, Lahiri = -19°25'54 Julian Calendar 1 Feb. 1121 BCE == Greg. Calendar 21 Jan. 1121 BCE

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

MARCH 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 54 2	0♓31'25	12♌48	15♓50	5♈37	28♈20	17♓ 3	3♉45	22♏34	14♑40	14♓ 2	17°R14	18♓11	28♈31	n.a.	M 1
T 2	9 57 58	1°30'09	26°56	17°35	6°48	28°56	17°17	3°50	22°34	14°42	14° 3	17♓12	18° 8	28°37	n.a.	T 2
W 3	10 1 55	2°28'51	11♍20	19°16	7°59	29°33	17°31	3°55	22°35	14°44	14° 5	17°D11	18° 4	28°44	n.a.	W 3
T 4	10 5 51	3°27'31	25°55	20°54	9°10	0♉ 9	17°45	4° 0	22°35	14°46	14° 6	17°11	18° 1	28°51	n.a.	T 4
F 5	10 9 48	4°26'08	10♎34	22°26	10°21	0°46	17°59	4° 6	22°35	14°47	14° 7	17°12	17°58	28°57	n.a.	F 5
S 6	10 13 44	5°24'44	25°12	23°55	11°32	1°22	18°13	4°11	22°35	14°49	14° 9	17°13	17°55	29° 4	n.a.	S 6
S 7	10 17 41	6°23'19	9♏44	25°18	12°43	1°59	18°27	4°16	22°R35	14°50	14°10	17°14	17°52	29°11	n.a.	S 7
M 8	10 21 37	7°21'51	24° 4	26°37	13°54	2°35	18°41	4°22	22°35	14°52	14°12	17°15	17°49	29°17	n.a.	M 8
T 9	10 25 34	8°20'22	8♐10	27°50	15° 4	3°12	18°55	4°27	22°35	14°53	14°13	17°R15	17°45	29°24	n.a.	T 9
W10	10 29 30	9°18'51	22° 2	28°58	16°15	3°49	19° 9	4°33	22°35	14°55	14°14	17°15	17°42	29°31	n.a.	W10
T 11	10 33 27	10°17'19	5♑37	0♈ 1	17°25	4°25	19°24	4°38	22°35	14°57	14°16	17°14	17°39	29°38	n.a.	T 11
F 12	10 37 24	11°15'44	18°57	0°58	18°36	5° 2	19°38	4°44	22°35	14°58	14°17	17°13	17°36	29°44	n.a.	F 12
S 13	10 41 20	12°14'08	2♒ 2	1°50	19°46	5°38	19°52	4°50	22°34	14°59	14°19	17°13	17°33	29°51	n.a.	S 13
S 14	10 45 17	13°12'30	14°52	2°36	20°56	6°15	20° 6	4°56	22°34	15° 1	14°20	17°12	17°29	29°58	n.a.	S 14
M15	10 49 13	14°10'50	27°30	3°16	22° 6	6°52	20°20	5° 2	22°34	15° 2	14°21	17°12	17°26	0♉ 4	n.a.	M15
T 16	10 53 10	15° 9'09	9♓55	3°51	23°16	7°28	20°35	5° 8	22°33	15° 4	14°23	17°12	17°23	0°11	n.a.	T 16
W17	10 57 6	16° 7'25	22° 9	4°19	24°26	8° 5	20°49	5°14	22°33	15° 5	14°24	17°D12	17°20	0°18	n.a.	W17
T 18	11 1 3	17° 5'39	4♈14	4°42	25°36	8°42	21° 3	5°20	22°32	15° 6	14°26	17°R12	17°17	0°24	n.a.	T 18
F 19	11 4 59	18° 3'52	16°11	4°59	26°45	9°19	21°17	5°26	22°32	15° 7	14°27	17°12	17°14	0°31	n.a.	F 19
S 20	11 8 56	19° 2'02	28° 3	5°11	27°55	9°55	21°31	5°32	22°31	15° 9	14°28	17°12	17°10	0°38	n.a.	S 20
S 21	11 12 53	20° 0'10	9♉52	5°16	29° 4	10°32	21°46	5°39	22°30	15°10	14°30	17°11	17° 7	0°44	n.a.	S 21
M22	11 16 49	20°58'17	21°43	5°R16	0♉13	11° 9	22° 0	5°45	22°30	15°11	14°31	17°11	17° 4	0°51	n.a.	M22
T 23	11 20 46	21°56'21	3♊39	5°11	1°23	11°46	22°14	5°51	22°29	15°12	14°33	17°10	17° 1	0°58	n.a.	T 23
W24	11 24 42	22°54'24	15°44	5° 1	2°32	12°22	22°28	5°58	22°28	15°13	14°34	17°10	16°58	1° 4	n.a.	W24
T 25	11 28 39	23°52'24	28° 3	4°46	3°40	12°59	22°43	6° 4	22°27	15°15	14°35	17°D10	16°55	1°11	n.a.	T 25
F 26	11 32 35	24°50'22	10♋39	4°26	4°49	13°36	22°57	6°11	22°26	15°16	14°37	17°10	16°51	1°18	n.a.	F 26
S 27	11 36 32	25°48'19	23°37	4° 2	5°58	14°13	23°11	6°18	22°25	15°17	14°38	17°11	16°48	1°24	n.a.	S 27
S 28	11 40 28	26°46'13	7♌ 0	3°35	7° 6	14°50	23°25	6°24	22°24	15°18	14°40	17°12	16°45	1°31	n.a.	S 28
M29	11 44 25	27°44'06	20°50	3° 4	8°15	15°26	23°39	6°31	22°23	15°19	14°41	17°13	16°42	1°38	n.a.	M29
T 30	11 48 21	28°41'56	5♍ 4	2°32	9°23	16° 3	23°54	6°38	22°22	15°20	14°42	17°13	16°39	1°45	n.a.	T 30
W31	11 52 18	29♓39'45	19♍41	1♈57	10♉31	16♉40	24♓ 8	6♉45	22♏21	15♑21	14♓44	17°R13	16♓35	1♉51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s28	20n 6	2n59	4s42	1n 3	2n34	0n20	11n54	0n54	6s19	1s13	11n17	1s48	18s36	0n 7	23s12	0s12	21s49	16s51	5s 7	4s45	14n14			n.a.
T 2	11 7	14 27	1 50	3 50	1 15	3 6	0 24	12 7	0 54	6 13	1 13	11 19	1 48	18 36	0 7	23 12	0 12	21 48	16 51	5 8	4 46	14 17			n.a.
W 3	10 46	7 56	0 32	2 59	1 27	3 38	0 27	12 21	0 55	6 8	1 13	11 21	1 48	18 36	0 7	23 12	0 12	21 48	16 51	5 8	4 47	14 20			n.a.
T 4	10 24	0 55	0s48	2 10	1 38	4 9	0 30	12 34	0 55	6 2	1 13	11 23	1 48	18 36	0 7	23 12	0 12	21 47	16 51	5 8	4 49	14 23			n.a.
F 5	10 2	6s11	2 6	1 23	1 49	4 41	0 34	12 48	0 56	5 56	1 13	11 25	1 47	18 36	0 7	23 12	0 12	21 46	16 51	5 8	4 50	14 26			n.a.
S 6	9 41	12 56	3 15	0 37	2 0	5 12	0 37	13 1	0 56	5 51	1 13	11 27	1 47	18 36	0 7	23 11	0 12	21 46	16 51	5 8	4 51	14 29			n.a.
S 7	9 19	18 56	4 12	0n 6	2 10	5 43	0 41	13 14	0 56	5 45	1 13	11 29	1 47	18 36	0 7	23 11	0 12	21 45	16 51	5 7	4 52	14 32			n.a.
M 8	8 57	23 48	4 51	0 46	2 20	6 14	0 44	13 27	0 57	5 39	1 13	11 31	1 47	18 36	0 7	23 11	0 12	21 45	16 51	5 7	4 54	14 35			n.a.
T 9	8 35	27 10	5 13	1 24	2 29	6 45	0 47	13 40	0 57	5 34	1 12	11 33	1 46	18 36	0 7	23 11	0 12	21 44	16 51	5 7	4 55	14 38			n.a.
W10	8 12	28 50	5 16	1 59	2 37	7 16	0 51	13 53	0 57	5 28	1 12	11 35	1 46	18 36	0 7	23 11	0 12	21 43	16 51	5 7	4 56	14 41			n.a.
T 11	7 50	28 43	5 1	2 31	2 45	7 47	0 54	14 6	0 58	5 22	1 12	11 37	1 46	18 36	0 7	23 11	0 12	21 43	16 51	5 7	4 57	14 44			n.a.
F 12	7 27	26 55	4 30	3 1	2 52	8 17	0 58	14 19	0 58	5 17	1 12	11 39	1 46	18 36	0 7	23 10	0 12	21 42	16 51	5 8	4 59	14 47			n.a.
S 13	7 5	23 41	3 45	3 27	2 58	8 48	1 1	14 32	0 59	5 11	1 12	11 41	1 45	18 36	0 7	23 10	0 12	21 42	16 51	5 8	5 0	14 50			n.a.
S 14	6 42	19 20	2 50	3 50	3 2	9 18	1 4	14 45	0 59	5 5	1 12	11 44	1 45	18 36	0 7	23 10	0 12	21 41	16 51	5 8	5 1	14 53			n.a.
M15	6 19	14 13	1 47	4 10	3 6	9 47	1 8	14 57	0 59	4 59	1 12	11 46	1 45	18 36	0 7	23 10	0 12	21 40	16 51	5 8	5 2	14 56			n.a.
T 16	5 57	8 36	0 40	4 26	3 9	10 17	1 11	15 10	1 0	4 54	1 12	11 48	1 45	18 36	0 7	23 10	0 12	21 40	16 51	5 8	5 4	14 59			n.a.
W17	5 34	2 45	0n27	4 39	3 11	10 46	1 15	15 22	1 0	4 48	1 12	11 50	1 45	18 36	0 7	23 10	0 12	21 39	16 51	5 8	5 5	15 2			n.a.
T 18	5 11	3n 8	1 33	4 49	3 11	11 16	1 18	15 35	1 0	4 42	1 12	11 52	1 44	18 35	0 7	23 10	0 12	21 39	16 51	5 8	5 6	15 5			n.a.
F 19	4 48	8 50	2 34	4 55	3 11	11 44	1 21	15 47	1 0	4 36	1 12	11 55	1 44	18 35	0 7	23 9	0 12	21 38	16 51	5 8	5 8	15 8			n.a.
S 20	4 24	14 10	3 28	4 58	3 9	12 13	1 25	15 59	1 1	4 31	1 12	11 57	1 44	18 35	0 7	23 9	0 12	21 38	16 51	5 8	5 9	15 11			n.a.
S 21	4 1	19 0	4 12	4 57	3 5	12 41	1 28	16 11	1 1	4 25	1 12	11 59	1 44	18 35	0 7	23 9	0 12	21 37	16 51	5 8	5 10	15 14			n.a.
M22	3 38	23 5	4 46	4 53	3 1	13 9	1 31	16 23	1 1	4 19	1 12	12 2	1 44	18 35	0 7	23 9	0 12	21 37	16 51	5 9	5 11	15 17			n.a.
T 23	3 15	26 16	5 8	4 46	2 55	13 37	1 34	16 35	1 2	4 14	1 12	12 4	1 43	18 35	0 7	23 9	0 12	21 36	16 51	5 9	5 13	15 20			n.a.
W24	2 52	28 18	5 17	4 35	2 48	14 4	1 38	16 47	1 2	4 8	1 12	12 6	1 43	18 34	0 7	23 9	0 12	21 36	16 51	5 9	5 14	15 23			n.a.
T 25	2 28	29 0	5 11	4 21	2 39	14 31	1 41	16 59	1 2	4 2	1 12	12 9	1 43	18 34	0 7	23 9	0 12	21 35	16 51	5 9	5 15	15 26			n.a.
F 26	2 5	28 14	4 51	4 4	2 30	14 58	1 44	17 10	1 3	3 56	1 12	12 11	1 43	18 34	0 7	23 9	0 12	21 34	16 51	5 9	5 16	15 29			n.a.
S 27	1 42	25 55	4 15	3 45	2 19	15 24	1 47	17 22	1 3	3 51	1 12	12 13	1 43	18 34	0 7	23 9	0 12	21 34	16 51	5 9	5 18	15 32			n.a.
S 28	1 18	22 7	3 25	3 23	2 6	15 50	1 50	17 33	1 3	3 45	1 12	12 16	1 43	18 33	0 7	23 8	0 12	21 33	16 51	5 8	5 19	15 35			n.a.
M29	0 55	17 1	2 21	2 58	1 53	16 16	1 53	17 44	1 3	3 39	1 12	12 18	1 42	18 33	0 7	23 8	0 12	21 33	16 51	5 8	5 20	15 38			n.a.
T 30	0 32	10 50	1 7	2 32	1 39	16 41	1 56	17 56	1 4	3 33	1 12	12 21	1 42	18 33	0 7	23 8	0 12	21 32	16 51	5 8	5 21	15 41			n.a.
W31	0s 8	3n57	0s14	2n 4	1n24	17n 6	1n59	18n 7	1n 4	3s28	1s12	12n23	1s42	18s33	0n 7	23s 8	0s12	21s32	16s51	5s 8	5s23	15n44			n.a.

Julian Day Number = 1312037.5, Delta T = 07h40m42s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'50, Lahiri = -19°25'50 Julian Calendar 1 March 1121 BCE == Greg. Calendar 19 Feb. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

APRIL 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 56 15	0♈37'31	4♎34	1°R20	11♉39	17♉17	24♓22	6♉52	22°R20	15♑21	14♓45	17°R13	16♓32	1♉58	n.a.	T 1
F 2	12 0 11	1°35'17	19°36	0♈44	12°47	17°54	24°36	6°59	22♏19	15°22	14°46	17♓12	16°29	2° 5	n.a.	F 2
S 3	12 4 8	2°33'01	4♏39	0° 7	13°54	18°31	24°50	7° 5	22°18	15°23	14°48	17°10	16°26	2°11	n.a.	S 3
S 4	12 8 4	3°30'43	19°32	29♓31	15° 2	19° 7	25° 4	7°13	22°16	15°24	14°49	17° 8	16°23	2°18	n.a.	S 4
M 5	12 12 1	4°28'25	4♐11	28°56	16° 9	19°44	25°19	7°20	22°15	15°25	14°50	17° 6	16°20	2°25	n.a.	M 5
T 6	12 15 57	5°26'05	18°28	28°23	17°16	20°21	25°33	7°27	22°14	15°25	14°52	17° 5	16°16	2°31	n.a.	T 6
W 7	12 19 54	6°23'44	2♑23	27°52	18°23	20°58	25°47	7°34	22°12	15°26	14°53	17°D 4	16°13	2°38	n.a.	W 7
T 8	12 23 50	7°21'22	15°55	27°25	19°30	21°35	26° 1	7°41	22°11	15°27	14°54	17° 4	16°10	2°45	n.a.	T 8
F 9	12 27 47	8°18'59	29° 5	27° 0	20°36	22°12	26°15	7°48	22° 9	15°28	14°56	17° 5	16° 7	2°51	n.a.	F 9
S 10	12 31 44	9°16'35	11♒55	26°39	21°43	22°49	26°29	7°56	22° 8	15°28	14°57	17° 7	16° 4	2°58	n.a.	S 10
S 11	12 35 40	10°14'09	24°29	26°22	22°49	23°26	26°43	8° 3	22° 6	15°29	14°58	17° 8	16° 1	3° 5	n.a.	S 11
M12	12 39 37	11°11'42	6♓50	26°10	23°55	24° 3	26°57	8°10	22° 5	15°29	15° 0	17°10	15°57	3°11	n.a.	M12
T 13	12 43 33	12° 9'14	19° 0	26° 1	25° 1	24°40	27°11	8°18	22° 3	15°30	15° 1	17°R10	15°54	3°18	n.a.	T 13
W14	12 47 30	13° 6'45	1♈ 1	25°D57	26° 7	25°17	27°25	8°25	22° 1	15°30	15° 2	17° 9	15°51	3°25	n.a.	W14
T 15	12 51 26	14° 4'15	12°57	25°58	27°12	25°54	27°39	8°32	21°59	15°31	15° 3	17° 7	15°48	3°32	n.a.	T 15
F 16	12 55 23	15° 1'43	24°49	26° 3	28°18	26°31	27°53	8°40	21°58	15°31	15° 5	17° 4	15°45	3°38	n.a.	F 16
S 17	12 59 19	15°59'10	6♉39	26°12	29°23	27° 8	28° 7	8°47	21°56	15°32	15° 6	16°59	15°41	3°45	n.a.	S 17
S 18	13 3 16	16°56'37	18°30	26°26	0♊28	27°45	28°20	8°55	21°54	15°32	15° 7	16°54	15°38	3°52	n.a.	S 18
M19	13 7 13	17°54'01	0♊22	26°45	1°32	28°22	28°34	9° 2	21°52	15°32	15° 8	16°49	15°35	3°58	n.a.	M19
T 20	13 11 9	18°51'25	12°20	27° 8	2°37	28°59	28°48	9°10	21°50	15°33	15°10	16°44	15°32	4° 5	n.a.	T 20
W21	13 15 6	19°48'47	24°26	27°35	3°41	29°36	29° 2	9°18	21°48	15°33	15°11	16°40	15°29	4°12	n.a.	W21
T 22	13 19 2	20°46'08	6♋43	28° 6	4°45	0♊13	29°15	9°25	21°47	15°33	15°12	16°37	15°26	4°18	n.a.	T 22
F 23	13 22 59	21°43'28	19°17	28°41	5°49	0°50	29°29	9°33	21°45	15°33	15°13	16°D36	15°22	4°25	n.a.	F 23
S 24	13 26 55	22°40'46	2♌10	29°21	6°52	1°27	29°43	9°41	21°43	15°33	15°14	16°37	15°19	4°32	n.a.	S 24
S 25	13 30 52	23°38'04	15°26	0♈ 4	7°56	2° 4	29°56	9°48	21°41	15°33	15°15	16°38	15°16	4°38	n.a.	S 25
M26	13 34 48	24°35'20	29° 9	0°51	8°59	2°41	0♈10	9°56	21°38	15°34	15°16	16°39	15°13	4°45	n.a.	M26
T 27	13 38 45	25°32'34	13♍19	1°42	10° 1	3°18	0°23	10° 4	21°36	15°34	15°18	16°R40	15°10	4°52	n.a.	T 27
W28	13 42 42	26°29'48	27°54	2°36	11° 4	3°55	0°37	10°12	21°34	15°R34	15°19	16°40	15° 6	4°58	n.a.	W28
T 29	13 46 38	27°27'01	12♎52	3°34	12° 6	4°32	0°50	10°19	21°32	15°34	15°20	16°38	15° 3	5° 5	n.a.	T 29
F 30	13 50 35	28♈24'12	28♎ 3	4♈36	13♊ 8	5♊ 9	1♈ 4	10♉27	21♏30	15♑34	15♓21	16♓34	15♓ 0	5♉12	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n15	3s17	1s35	1n35	1n 8	17n30	2n 2	18n17	1n 4	3s22	1s12	12n26	1s42	18s32	0n 7	23s 8	0s12	21s32	16s51	5s 8	5s24	15n47		n.a.
F 2	0 38	10 24	2 50	1 5	0 52	17 54	2 5	18 28	1 4	3 16	1 12	12 28	1 42	18 32	0 7	23 8	0 12	21 31	16 51	5 8	5 25	15 50		n.a.
S 3	1 2	16 55	3 53	0 35	0 36	18 18	2 7	18 39	1 5	3 11	1 12	12 30	1 42	18 32	0 7	23 8	0 12	21 31	16 51	5 9	5 26	15 53		n.a.
S 4	1 25	22 23	4 40	0 5	0 19	18 41	2 10	18 50	1 5	3 5	1 12	12 33	1 41	18 31	0 7	23 8	0 12	21 30	16 51	5 10	5 28	15 56		n.a.
M 5	1 48	26 22	5 8	0s24	0 2	19 3	2 13	19 0	1 5	2 59	1 12	12 35	1 41	18 31	0 7	23 8	0 12	21 30	16 52	5 10	5 29	15 59		n.a.
T 6	2 12	28 34	5 16	0 53	0s15	19 25	2 15	19 10	1 5	2 53	1 12	12 38	1 41	18 31	0 7	23 8	0 12	21 29	16 52	5 11	5 30	16 2		n.a.
W 7	2 35	28 53	5 4	1 21	0 32	19 47	2 18	19 21	1 6	2 48	1 12	12 40	1 41	18 30	0 7	23 8	0 12	21 29	16 52	5 11	5 31	16 5		n.a.
T 8	2 58	27 26	4 37	1 47	0 48	20 8	2 20	19 31	1 6	2 42	1 12	12 43	1 41	18 30	0 7	23 8	0 13	21 28	16 52	5 11	5 33	16 8		n.a.
F 9	3 21	24 30	3 55	2 11	1 4	20 29	2 23	19 41	1 6	2 36	1 12	12 45	1 41	18 30	0 7	23 8	0 13	21 28	16 52	5 11	5 34	16 11		n.a.
S 10	3 44	20 24	3 2	2 33	1 19	20 49	2 25	19 51	1 6	2 31	1 12	12 48	1 40	18 29	0 7	23 8	0 13	21 28	16 52	5 10	5 35	16 14		n.a.
S 11	4 7	15 29	2 2	2 53	1 33	21 9	2 27	20 0	1 6	2 25	1 12	12 50	1 40	18 29	0 7	23 7	0 13	21 27	16 52	5 10	5 36	16 16		n.a.
M12	4 30	10 1	0 57	3 11	1 47	21 28	2 30	20 10	1 7	2 19	1 12	12 53	1 40	18 28	0 7	23 7	0 13	21 27	16 52	5 9	5 38	16 19		n.a.
T 13	4 53	4 16	0n10	3 26	2 0	21 47	2 32	20 19	1 7	2 14	1 12	12 55	1 40	18 28	0 7	23 7	0 13	21 26	16 53	5 9	5 39	16 22		n.a.
W14	5 16	1n34	1 15	3 38	2 11	22 5	2 34	20 29	1 7	2 8	1 12	12 58	1 40	18 27	0 7	23 7	0 13	21 26	16 53	5 9	5 40	16 25		n.a.
T 15	5 38	7 18	2 17	3 48	2 22	22 22	2 35	20 38	1 7	2 3	1 12	13 1	1 40	18 27	0 7	23 7	0 13	21 26	16 53	5 10	5 41	16 28		n.a.
F 16	6 1	12 44	3 12	3 55	2 32	22 39	2 37	20 47	1 7	1 57	1 12	13 3	1 40	18 27	0 7	23 7	0 13	21 25	16 53	5 11	5 43	16 31		n.a.
S 17	6 23	17 42	3 58	4 0	2 41	22 56	2 39	20 56	1 8	1 51	1 12	13 6	1 39	18 26	0 7	23 7	0 13	21 25	16 53	5 13	5 44	16 34		n.a.
S 18	6 46	22 0	4 35	4 1	2 49	23 12	2 41	21 5	1 8	1 46	1 12	13 8	1 39	18 26	0 7	23 7	0 13	21 25	16 53	5 15	5 45	16 37		n.a.
M19	7 8	25 26	4 59	4 0	2 57	23 27	2 42	21 13	1 8	1 40	1 12	13 11	1 39	18 25	0 7	23 7	0 13	21 24	16 54	5 17	5 46	16 40		n.a.
T 20	7 30	27 47	5 11	3 57	3 3	23 42	2 44	21 22	1 8	1 35	1 12	13 13	1 39	18 25	0 7	23 7	0 13	21 24	16 54	5 19	5 48	16 43		n.a.
W21	7 52	28 51	5 9	3 51	3 8	23 56	2 45	21 30	1 8	1 29	1 12	13 16	1 39	18 24	0 7	23 7	0 13	21 24	16 54	5 21	5 49	16 45		n.a.
T 22	8 14	28 32	4 53	3 42	3 12	24 9	2 46	21 38	1 8	1 24	1 12	13 18	1 39	18 24	0 7	23 7	0 13	21 23	16 54	5 22	5 50	16 48		n.a.
F 23	8 36	26 45	4 23	3 30	3 15	24 22	2 47	21 47	1 9	1 18	1 12	13 21	1 39	18 23	0 7	23 7	0 13	21 23	16 54	5 22	5 51	16 51		n.a.
S 24	8 58	23 33	3 39	3 17	3 18	24 35	2 48	21 54	1 9	1 13	1 12	13 24	1 39	18 23	0 7	23 7	0 13	21 23	16 55	5 22	5 53	16 54		n.a.
S 25	9 19	19 2	2 42	3 1	3 19	24 46	2 49	22 2	1 9	1 7	1 12	13 26	1 38	18 22	0 7	23 7	0 13	21 23	16 55	5 22	5 54	16 57		n.a.
M26	9 41	13 25	1 34	2 42	3 20	24 57	2 50	22 10	1 9	1 2	1 12	13 29	1 38	18 22	0 7	23 7	0 13	21 22	16 55	5 21	5 55	17 0		n.a.
T 27	10 2	6 57	0 18	2 22	3 20	25 8	2 51	22 17	1 9	0 57	1 12	13 31	1 38	18 21	0 7	23 7	0 13	21 22	16 55	5 21	5 56	17 3		n.a.
W28	10 23	0s 5	1s 1	1 59	3 19	25 18	2 51	22 25	1 9	0 51	1 12	13 34	1 38	18 20	0 7	23 7	0 13	21 22	16 55	5 21	5 58	17 5		n.a.
T 29	10 44	7 16	2 17	1 34	3 17	25 27	2 52	22 32	1 9	0 46	1 12	13 36	1 38	18 20	0 7	23 7	0 13	21 22	16 56	5 22	5 59	17 8		n.a.
F 30	11n 5	14s 8	3s25	1s 7	3s15	25n35	2n52	22n39	1n10	0s40	1s12	13n39	1s38	18s19	0n 7	23s 7	0s13	21s21	16s56	5s23	6s 0	17n11		n.a.

Julian Day Number = 1312068.5, Delta T = 07h40m40s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'46, Lahiri = -19°25'46 Julian Calendar 1 Apr. 1121 BCE == Greg. Calendar 21 March 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

MAY 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 31	29♈21'24	13♏20	5♈40	14♊ 9	5♊47	1♈17	10♉35	21°R28	15°R34	15♓22	16°R28	14♓57	5♉19	n.a.	S 1
S 2	13 58 28	0♉18'34	28°30	6°48	15°10	6°24	1°30	10°43	21♏26	15♑33	15°23	16♓22	14°54	5°25	n.a.	S 2
M 3	14 2 24	1°15'44	13♐25	8° 0	16°11	7° 1	1°43	10°51	21°23	15°33	15°24	16°16	14°51	5°32	n.a.	M 3
T 4	14 6 21	2°12'54	27°56	9°14	17°12	7°38	1°57	10°58	21°21	15°33	15°25	16°11	14°47	5°39	n.a.	T 4
W 5	14 10 18	3°10'03	12♑ 0	10°32	18°12	8°15	2°10	11° 6	21°19	15°33	15°26	16° 7	14°44	5°45	n.a.	W 5
T 6	14 14 14	4° 7'12	25°36	11°52	19°12	8°52	2°23	11°14	21°17	15°33	15°27	16° 5	14°41	5°52	n.a.	T 6
F 7	14 18 11	5° 4'21	8♒44	13°16	20°11	9°29	2°36	11°22	21°14	15°32	15°28	16°D 4	14°38	5°59	n.a.	F 7
S 8	14 22 7	6° 1'29	21°30	14°43	21°11	10° 7	2°49	11°30	21°12	15°32	15°29	16° 5	14°35	6° 5	n.a.	S 8
S 9	14 26 4	6°58'37	3♓56	16°13	22° 9	10°44	3° 2	11°38	21°10	15°32	15°30	16° 6	14°32	6°12	n.a.	S 9
M10	14 30 0	7°55'45	16° 7	17°46	23° 8	11°21	3°15	11°46	21° 7	15°32	15°31	16°R 7	14°28	6°19	n.a.	M10
T 11	14 33 57	8°52'52	28° 8	19°21	24° 6	11°58	3°27	11°54	21° 5	15°31	15°32	16° 6	14°25	6°25	n.a.	T 11
W12	14 37 53	9°49'59	10♈ 2	21° 0	25° 3	12°36	3°40	12° 1	21° 3	15°31	15°33	16° 3	14°22	6°32	n.a.	W12
T 13	14 41 50	10°47'06	21°53	22°42	26° 0	13°13	3°53	12° 9	21° 0	15°30	15°34	15°58	14°19	6°39	n.a.	T 13
F 14	14 45 47	11°44'13	3♉42	24°26	26°57	13°50	4° 5	12°17	20°58	15°30	15°35	15°51	14°16	6°46	n.a.	F 14
S 15	14 49 43	12°41'20	15°33	26°13	27°53	14°27	4°18	12°25	20°55	15°29	15°35	15°41	14°12	6°52	n.a.	S 15
S 16	14 53 40	13°38'26	27°26	28° 3	28°49	15° 5	4°31	12°33	20°53	15°29	15°36	15°31	14° 9	6°59	n.a.	S 16
M17	14 57 36	14°35'33	9♊23	29°56	29°44	15°42	4°43	12°41	20°51	15°28	15°37	15°20	14° 6	7° 6	n.a.	M17
T 18	15 1 33	15°32'38	21°27	1♋51	0♋39	16°19	4°55	12°49	20°48	15°28	15°38	15° 9	14° 3	7°12	n.a.	T 18
W19	15 5 29	16°29'44	3♋38	3°49	1°33	16°57	5° 8	12°57	20°46	15°27	15°39	15° 1	14° 0	7°19	n.a.	W19
T 20	15 9 26	17°26'49	16° 0	5°48	2°27	17°34	5°20	13° 5	20°43	15°26	15°39	14°54	13°57	7°26	n.a.	T 20
F 21	15 13 22	18°23'54	28°34	7°50	3°20	18°12	5°32	13°13	20°41	15°26	15°40	14°50	13°53	7°32	n.a.	F 21
S 22	15 17 19	19°20'59	11♌26	9°54	4°13	18°49	5°44	13°20	20°38	15°25	15°41	14°48	13°50	7°39	n.a.	S 22
S 23	15 21 16	20°18'03	24°37	12° 0	5° 5	19°26	5°56	13°28	20°36	15°24	15°42	14°D48	13°47	7°46	n.a.	S 23
M24	15 25 12	21°15'07	8♍11	14° 7	5°56	20° 4	6° 8	13°36	20°34	15°23	15°42	14°R48	13°44	7°53	n.a.	M24
T 25	15 29 9	22°12'11	22°11	16°15	6°46	20°41	6°20	13°44	20°31	15°23	15°43	14°48	13°41	7°59	n.a.	T 25
W26	15 33 5	23° 9'14	6♎36	18°24	7°36	21°19	6°32	13°52	20°29	15°22	15°44	14°47	13°38	8° 6	n.a.	W26
T 27	15 37 2	24° 6'17	21°24	20°34	8°26	21°56	6°43	14° 0	20°26	15°21	15°44	14°43	13°34	8°13	n.a.	T 27
F 28	15 40 58	25° 3'21	6♏30	22°43	9°14	22°34	6°55	14° 8	20°24	15°20	15°45	14°36	13°31	8°19	n.a.	F 28
S 29	15 44 55	26° 0'24	21°45	24°53	10° 2	23°11	7° 6	14°15	20°21	15°19	15°45	14°28	13°28	8°26	n.a.	S 29
S 30	15 48 52	26°57'28	6♐58	27° 3	10°49	23°49	7°18	14°23	20°19	15°18	15°46	14°18	13°25	8°33	n.a.	S 30
M31	15 52 48	27♉54'32	21♐58	29♉12	11♋35	24♊26	7♈29	14♉31	20♏17	15♑17	15♓47	14♓ 8	13♓22	8♉39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n25	20s12	4s19	0s38	3s12	25n43	2n52	22n46	1n10	0s35	1s12	13n42	1s38	18s19	0n 7	23s 7	0s13	21s21	16s56	5s25	6s 1	17n14		n.a.
S 2	11 46	24 55	4 54	0 7	3 8	25 51	2 52	22 53	1 10	0 30	1 12	13 44	1 38	18 18	0 7	23 7	0 13	21 21	16 56	5 28	6 3	17 17		n.a.
M 3	12 6	27 53	5 8	0n25	3 3	25 57	2 52	22 59	1 10	0 24	1 12	13 47	1 38	18 18	0 7	23 7	0 13	21 21	16 57	5 30	6 4	17 20		n.a.
T 4	12 26	28 51	5 2	1 0	2 58	26 3	2 52	23 6	1 10	0 19	1 12	13 49	1 38	18 17	0 7	23 7	0 13	21 20	16 57	5 32	6 5	17 22		n.a.
W 5	12 46	27 53	4 38	1 36	2 52	26 9	2 52	23 12	1 10	0 14	1 13	13 52	1 37	18 16	0 7	23 7	0 13	21 20	16 57	5 34	6 6	17 25		n.a.
T 6	13 6	25 16	3 59	2 14	2 46	26 14	2 51	23 18	1 10	0 9	1 13	13 54	1 37	18 16	0 7	23 7	0 13	21 20	16 57	5 35	6 8	17 28		n.a.
F 7	13 25	21 23	3 8	2 53	2 39	26 18	2 51	23 24	1 10	0 4	1 13	13 57	1 37	18 15	0 7	23 8	0 13	21 20	16 58	5 35	6 9	17 31		n.a.
S 8	13 45	16 36	2 9	3 34	2 31	26 21	2 50	23 30	1 11	0n 2	1 13	13 59	1 37	18 15	0 7	23 8	0 13	21 20	16 58	5 34	6 10	17 34		n.a.
S 9	14 4	11 14	1 5	4 17	2 23	26 24	2 49	23 35	1 11	0 7	1 13	14 2	1 37	18 14	0 7	23 8	0 13	21 20	16 58	5 34	6 11	17 36		n.a.
M10	14 23	5 34	0n 0	5 1	2 14	26 26	2 48	23 41	1 11	0 12	1 13	14 4	1 37	18 13	0 7	23 8	0 13	21 20	16 58	5 34	6 13	17 39		n.a.
T 11	14 41	0n14	1 4	5 46	2 5	26 28	2 46	23 46	1 11	0 17	1 13	14 7	1 37	18 13	0 7	23 8	0 13	21 19	16 59	5 34	6 14	17 42		n.a.
W12	15 0	5 57	2 5	6 32	1 56	26 29	2 45	23 51	1 11	0 22	1 13	14 10	1 37	18 12	0 7	23 8	0 13	21 19	16 59	5 35	6 15	17 45		n.a.
T 13	15 18	11 26	3 0	7 20	1 46	26 29	2 43	23 56	1 11	0 27	1 13	14 12	1 37	18 11	0 7	23 8	0 13	21 19	16 59	5 37	6 16	17 48		n.a.
F 14	15 36	16 30	3 46	8 8	1 36	26 29	2 42	24 1	1 11	0 32	1 13	14 15	1 37	18 11	0 7	23 8	0 13	21 19	16 59	5 40	6 18	17 50		n.a.
S 15	15 54	20 57	4 23	8 58	1 25	26 29	2 40	24 5	1 11	0 37	1 13	14 17	1 37	18 10	0 7	23 8	0 13	21 19	17 0	5 44	6 19	17 53		n.a.
S 16	16 11	24 35	4 49	9 48	1 14	26 27	2 38	24 10	1 11	0 42	1 13	14 20	1 37	18 10	0 7	23 8	0 13	21 19	17 0	5 48	6 20	17 56		n.a.
M17	16 29	27 12	5 2	10 39	1 3	26 25	2 35	24 14	1 11	0 47	1 13	14 22	1 37	18 9	0 7	23 8	0 13	21 19	17 0	5 52	6 21	17 59		n.a.
T 18	16 46	28 34	5 2	11 30	0 52	26 23	2 33	24 18	1 11	0 52	1 14	14 24	1 36	18 8	0 7	23 8	0 13	21 19	17 1	5 56	6 23	18 1		n.a.
W19	17 2	28 35	4 48	12 21	0 41	26 19	2 30	24 22	1 12	0 57	1 14	14 27	1 36	18 8	0 7	23 8	0 13	21 19	17 1	6 0	6 24	18 4		n.a.
T 20	17 19	27 10	4 21	13 13	0 30	26 16	2 27	24 26	1 12	1 2	1 14	14 29	1 36	18 7	0 7	23 8	0 13	21 19	17 1	6 2	6 25	18 7		n.a.
F 21	17 35	24 22	3 40	14 4	0 18	26 12	2 24	24 29	1 12	1 6	1 14	14 32	1 36	18 6	0 7	23 9	0 13	21 19	17 1	6 4	6 26	18 10		n.a.
S 22	17 51	20 19	2 48	14 55	0 7	26 7	2 21	24 33	1 12	1 11	1 14	14 34	1 36	18 6	0 7	23 9	0 13	21 19	17 2	6 5	6 27	18 12		n.a.
S 23	18 7	15 11	1 45	15 45	0n 4	26 1	2 18	24 36	1 12	1 16	1 14	14 37	1 36	18 5	0 7	23 9	0 13	21 19	17 2	6 5	6 29	18 15		n.a.
M24	18 22	9 11	0 35	16 34	0 15	25 56	2 14	24 39	1 12	1 21	1 14	14 39	1 36	18 4	0 7	23 9	0 13	21 19	17 2	6 5	6 30	18 18		n.a.
T 25	18 37	2 33	0s39	17 22	0 25	25 49	2 10	24 42	1 12	1 25	1 14	14 42	1 36	18 4	0 7	23 9	0 13	21 19	17 3	6 5	6 31	18 21		n.a.
W26	18 52	4s23	1 53	18 9	0 35	25 42	2 6	24 44	1 12	1 30	1 14	14 44	1 36	18 3	0 7	23 9	0 13	21 19	17 3	6 5	6 32	18 23		n.a.
T 27	19 6	11 16	3 1	18 54	0 45	25 35	2 2	24 47	1 12	1 35	1 14	14 46	1 36	18 2	0 7	23 9	0 13	21 19	17 3	6 7	6 34	18 26		n.a.
F 28	19 20	17 39	3 58	19 37	0 54	25 27	1 57	24 49	1 12	1 39	1 15	14 49	1 36	18 2	0 7	23 9	0 14	21 19	17 4	6 9	6 35	18 29		n.a.
S 29	19 34	22 58	4 39	20 19	1 3	25 19	1 53	24 51	1 12	1 44	1 15	14 51	1 36	18 1	0 7	23 10	0 14	21 19	17 4	6 13	6 36	18 32		n.a.
S 30	19 48	26 44	4 59	20 58	1 11	25 10	1 48	24 53	1 12	1 48	1 15	14 54	1 36	18 1	0 7	23 10	0 14	21 19	17 4	6 17	6 37	18 34		n.a.
M31	20n 1	28s33	4s59	21n34	1n18	25n 1	1n43	24n55	1n12	1n53	1s15	14n56	1s36	18s 0	0n 7	23s10	0s14	21s19	17s 5	6s21	6s39	18n37		n.a.

Julian Day Number = 1312098.5, Delta T = 07h40m38s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'42, Lahiri = -19°25'41 Julian Calendar 1 May 1121 BCE == Greg. Calendar 20 Apr. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

JUNE 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 45	28♉51'36	6♊37	1♊21	12♋20	25♊ 4	7♈41	14♉39	20°R14	15°R16	15♓47	13°R59	13♓18	8♉46	n.a.	T 1
W 2	16 0 41	29°48'41	20°49	3°28	13° 4	25°41	7°52	14°46	20♏12	15♊15	15°48	13♓52	13°15	8°53	n.a.	W 2
T 3	16 4 38	0♊45'47	4♒30	5°35	13°48	26°19	8° 3	14°54	20° 9	15°14	15°48	13°47	13°12	9° 0	n.a.	T 3
F 4	16 8 34	1°42'53	17°43	7°40	14°30	26°56	8°14	15° 2	20° 7	15°13	15°49	13°45	13° 9	9° 6	n.a.	F 4
S 5	16 12 31	2°40'00	0♓30	9°44	15°12	27°34	8°25	15°10	20° 5	15°12	15°49	13°D44	13° 6	9°13	n.a.	S 5
S 6	16 16 27	3°37'08	12°55	11°46	15°52	28°11	8°36	15°17	20° 2	15°11	15°49	13°R45	13° 3	9°20	n.a.	S 6
M 7	16 20 24	4°34'16	25° 4	13°47	16°32	28°49	8°46	15°25	20° 0	15°10	15°50	13°44	12°59	9°26	n.a.	M 7
T 8	16 24 21	5°31'25	7♈ 2	15°46	17°10	29°27	8°57	15°33	19°58	15° 9	15°50	13°42	12°56	9°33	n.a.	T 8
W 9	16 28 17	6°28'35	18°53	17°44	17°47	0♋ 4	9° 8	15°40	19°55	15° 8	15°51	13°38	12°53	9°40	n.a.	W 9
T 10	16 32 14	7°25'45	0♉42	19°40	18°23	0°42	9°18	15°48	19°53	15° 6	15°51	13°31	12°50	9°46	n.a.	T 10
F 11	16 36 10	8°22'57	12°32	21°34	18°58	1°20	9°28	15°55	19°51	15° 5	15°51	13°22	12°47	9°53	n.a.	F 11
S 12	16 40 7	9°20'09	24°26	23°26	19°31	1°57	9°39	16° 3	19°48	15° 4	15°52	13°10	12°44	10° 0	n.a.	S 12
S 13	16 44 3	10°17'22	6♊25	25°17	20° 4	2°35	9°49	16°10	19°46	15° 3	15°52	12°57	12°40	10° 7	n.a.	S 13
M14	16 48 0	11°14'36	18°31	27° 5	20°34	3°13	9°59	16°18	19°44	15° 1	15°52	12°43	12°37	10°13	n.a.	M14
T 15	16 51 57	12°11'50	0♋44	28°52	21° 4	3°51	10° 9	16°25	19°42	15° 0	15°52	12°30	12°34	10°20	n.a.	T 15
W16	16 55 53	13° 9'06	13° 7	0♋38	21°32	4°28	10°18	16°32	19°40	14°59	15°53	12°19	12°31	10°27	n.a.	W16
T 17	16 59 50	14° 6'22	25°39	2°21	21°58	5° 6	10°28	16°40	19°37	14°57	15°53	12°10	12°28	10°33	n.a.	T 17
F 18	17 3 46	15° 3'38	8♌23	4° 3	22°23	5°44	10°38	16°47	19°35	14°56	15°53	12° 4	12°24	10°40	n.a.	F 18
S 19	17 7 43	16° 0'55	21°21	5°43	22°46	6°22	10°47	16°54	19°33	14°55	15°53	12° 1	12°21	10°47	n.a.	S 19
S 20	17 11 39	16°58'13	4♍34	7°21	23° 7	7° 0	10°56	17° 2	19°31	14°53	15°53	12° 0	12°18	10°53	n.a.	S 20
M21	17 15 36	17°55'31	18° 5	8°58	23°27	7°38	11° 6	17° 9	19°29	14°52	15°54	12° 0	12°15	11° 0	n.a.	M21
T 22	17 19 32	18°52'51	1♎56	10°32	23°45	8°16	11°15	17°16	19°27	14°50	15°54	12° 0	12°12	11° 7	n.a.	T 22
W23	17 23 29	19°50'10	16° 9	12° 5	24° 0	8°54	11°24	17°23	19°25	14°49	15°54	11°58	12° 9	11°14	n.a.	W23
T 24	17 27 26	20°47'31	0♏41	13°37	24°14	9°31	11°32	17°30	19°23	14°48	15°54	11°54	12° 5	11°20	n.a.	T 24
F 25	17 31 22	21°44'52	15°30	15° 6	24°26	10° 9	11°41	17°37	19°21	14°46	15°54	11°47	12° 2	11°27	n.a.	F 25
S 26	17 35 19	22°42'15	0♐28	16°34	24°36	10°47	11°50	17°44	19°19	14°45	15°R54	11°38	11°59	11°34	n.a.	S 26
S 27	17 39 15	23°39'38	15°28	18° 0	24°43	11°25	11°58	17°51	19°17	14°43	15°54	11°28	11°56	11°40	n.a.	S 27
M28	17 43 12	24°37'03	0♑19	19°24	24°49	12° 3	12° 7	17°58	19°16	14°42	15°54	11°17	11°53	11°47	n.a.	M28
T 29	17 47 8	25°34'29	14°53	20°46	24°52	12°41	12°15	18° 5	19°14	14°40	15°54	11° 7	11°50	11°54	n.a.	T 29
W30	17 51 5	26♊31'56	29♑ 4	22♋ 6	24°R53	13♋19	12♈23	18♉12	19♏12	14♑39	15♓54	11♓ 0	11♓46	12♉ 1	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20n14	28s18	4s39	22n 9	1n25	24n52	1n37	24n56	1n12	1n57	1s15	14n58	1s36	17s59	0n 7	23s10	0s14	21s19	17s 5	6s24	6s40	18n40		n.a.	T 1
W 2	20 26	26 10	4 2	22 40	1 31	24 42	1 32	24 58	1 12	2 1	1 15	15 1	1 36	17 59	0 7	23 10	0 14	21 19	17 5	6 27	6 41	18 42		n.a.	W 2
T 3	20 39	22 33	3 12	23 10	1 36	24 31	1 26	24 59	1 12	2 6	1 15	15 3	1 36	17 58	0 7	23 10	0 14	21 19	17 6	6 29	6 42	18 45		n.a.	T 3
F 4	20 51	17 53	2 13	23 36	1 41	24 21	1 20	25 0	1 12	2 10	1 15	15 5	1 36	17 57	0 7	23 10	0 14	21 19	17 6	6 29	6 44	18 48		n.a.	F 4
S 5	21 2	12 34	1 10	24 0	1 45	24 10	1 13	25 1	1 12	2 14	1 15	15 7	1 36	17 57	0 7	23 10	0 14	21 19	17 6	6 30	6 45	18 50		n.a.	S 5
S 6	21 13	6 53	0 4	24 21	1 48	23 58	1 7	25 1	1 12	2 18	1 16	15 10	1 36	17 56	0 7	23 11	0 14	21 20	17 7	6 30	6 46	18 53		n.a.	S 6
M 7	21 24	1 5	1n 0	24 39	1 51	23 47	1 0	25 2	1 12	2 23	1 16	15 12	1 36	17 55	0 7	23 11	0 14	21 20	17 7	6 30	6 47	18 56		n.a.	M 7
T 8	21 35	4n40	2 0	24 55	1 52	23 35	0 53	25 2	1 12	2 27	1 16	15 14	1 36	17 55	0 7	23 11	0 14	21 20	17 7	6 31	6 49	18 58		n.a.	T 8
W 9	21 45	10 12	2 54	25 8	1 54	23 22	0 45	25 2	1 12	2 31	1 16	15 16	1 36	17 54	0 7	23 11	0 14	21 20	17 8	6 32	6 50	19 1		n.a.	W 9
T 10	21 54	15 21	3 41	25 19	1 54	23 10	0 37	25 2	1 12	2 35	1 16	15 19	1 36	17 54	0 7	23 11	0 14	21 20	17 8	6 35	6 51	19 4		n.a.	T 10
F 11	22 4	19 56	4 18	25 27	1 54	22 57	0 29	25 2	1 12	2 39	1 16	15 21	1 36	17 53	0 7	23 11	0 14	21 20	17 8	6 39	6 52	19 6		n.a.	F 11
S 12	22 13	23 46	4 44	25 33	1 54	22 44	0 21	25 1	1 12	2 43	1 16	15 23	1 36	17 52	0 7	23 12	0 14	21 21	17 9	6 43	6 53	19 9		n.a.	S 12
S 13	22 21	26 37	4 58	25 37	1 52	22 31	0 13	25 1	1 12	2 47	1 17	15 25	1 36	17 52	0 7	23 12	0 14	21 21	17 9	6 48	6 55	19 12		n.a.	S 13
M14	22 30	28 16	4 58	25 38	1 51	22 17	0 4	25 0	1 12	2 51	1 17	15 27	1 36	17 51	0 7	23 12	0 14	21 21	17 9	6 54	6 56	19 14		n.a.	M14
T 15	22 37	28 34	4 45	25 38	1 48	22 4	0s 5	24 59	1 12	2 54	1 17	15 30	1 36	17 51	0 6	23 12	0 14	21 21	17 10	6 59	6 57	19 17		n.a.	T 15
W16	22 45	27 27	4 18	25 35	1 45	21 50	0 15	24 57	1 12	2 58	1 17	15 32	1 36	17 50	0 6	23 12	0 14	21 21	17 10	7 3	6 58	19 20		n.a.	W16
T 17	22 52	24 56	3 38	25 31	1 42	21 36	0 25	24 56	1 12	3 2	1 17	15 34	1 36	17 49	0 6	23 12	0 14	21 22	17 10	7 6	7 0	19 22		n.a.	T 17
F 18	22 59	21 9	2 47	25 24	1 38	21 22	0 35	24 54	1 12	3 5	1 17	15 36	1 36	17 49	0 6	23 13	0 14	21 22	17 11	7 9	7 1	19 25		n.a.	F 18
S 19	23 5	16 18	1 47	25 16	1 34	21 8	0 45	24 53	1 12	3 9	1 17	15 38	1 36	17 48	0 6	23 13	0 14	21 22	17 11	7 10	7 2	19 27		n.a.	S 19
S 20	23 11	10 36	0 39	25 6	1 29	20 54	0 56	24 51	1 12	3 13	1 18	15 40	1 36	17 48	0 6	23 13	0 14	21 22	17 11	7 10	7 3	19 30		n.a.	S 20
M21	23 16	4 18	0s32	24 55	1 24	20 40	1 7	24 48	1 12	3 16	1 18	15 42	1 36	17 47	0 6	23 13	0 14	21 23	17 12	7 10	7 5	19 33		n.a.	M21
T 22	23 21	2s21	1 43	24 42	1 18	20 26	1 18	24 46	1 12	3 20	1 18	15 44	1 36	17 47	0 6	23 13	0 14	21 23	17 12	7 10	7 6	19 35		n.a.	T 22
W23	23 26	9 3	2 50	24 28	1 12	20 12	1 29	24 44	1 12	3 23	1 18	15 46	1 36	17 46	0 6	23 13	0 14	21 23	17 12	7 11	7 7	19 38		n.a.	W23
T 24	23 30	15 26	3 47	24 12	1 5	19 58	1 41	24 41	1 12	3 26	1 18	15 48	1 36	17 46	0 6	23 14	0 14	21 24	17 13	7 13	7 8	19 40		n.a.	T 24
F 25	23 34	21 2	4 30	23 56	0 58	19 44	1 53	24 38	1 12	3 30	1 18	15 50	1 36	17 45	0 6	23 14	0 14	21 24	17 13	7 15	7 9	19 43		n.a.	F 25
S 26	23 38	25 23	4 55	23 38	0 51	19 30	2 5	24 35	1 12	3 33	1 19	15 52	1 36	17 44	0 6	23 14	0 14	21 24	17 14	7 19	7 11	19 46		n.a.	S 26
S 27	23 41	28 0	5 0	23 19	0 43	19 16	2 18	24 31	1 12	3 36	1 19	15 54	1 36	17 44	0 6	23 14	0 14	21 24	17 14	7 23	7 12	19 48		n.a.	S 27
M28	23 43	28 34	4 45	22 59	0 36	19 2	2 31	24 28	1 12	3 39	1 19	15 56	1 36	17 43	0 6	23 14	0 14	21 25	17 14	7 27	7 13	19 51		n.a.	M28
T 29	23 45	27 8	4 11	22 39	0 27	18 49	2 44	24 24	1 12	3 42	1 19	15 58	1 36	17 43	0 6	23 14	0 14	21 25	17 15	7 31	7 14	19 53		n.a.	T 29
W30	23n47	23s58	3s22	22n17	0n19	18n36	2s57	24n20	1n12	3n45	1s19	16n 0	1s36	17s43	0n 6	23s15	0s14	21s25	17s15	7s34	7s16	19n56		n.a.	W30

Julian Day Number = 1312129.5, Delta T = 07h40m37s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'38, Lahiri = -19°25'37 Julian Calendar 1 June 1121 BCE == Greg. Calendar 21 May 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

JULY 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 2	27♊29'24	12♒47	23♋25	24°R51	13♋58	12♈31	18♉18	19°R10	14°R37	15°R54	10°R55	11♓43	12♉ 7	n.a.	T 1
F 2	17 58 58	28°26'54	26° 2	24°41	24♋47	14°36	12°39	18°25	19♏ 9	14♑35	15♓54	10♓52	11°40	12°14	n.a.	F 2
S 3	18 2 55	29°24'26	8♓52	25°55	24°41	15°14	12°46	18°32	19° 7	14°34	15°53	10°D51	11°37	12°21	n.a.	S 3
S 4	18 6 51	0♋21'59	21°20	27° 7	24°33	15°52	12°54	18°38	19° 5	14°32	15°53	10°51	11°34	12°27	n.a.	S 4
M 5	18 10 48	1°19'33	3♈31	28°17	24°22	16°30	13° 1	18°45	19° 4	14°31	15°53	10°R51	11°30	12°34	n.a.	M 5
T 6	18 14 44	2°17'09	15°29	29°25	24° 9	17° 8	13° 8	18°52	19° 2	14°29	15°53	10°50	11°27	12°41	n.a.	T 6
W 7	18 18 41	3°14'47	27°21	0♌30	23°53	17°47	13°15	18°58	19° 1	14°28	15°53	10°48	11°24	12°47	n.a.	W 7
T 8	18 22 37	4°12'27	9♉11	1°33	23°35	18°25	13°22	19° 4	18°59	14°26	15°52	10°43	11°21	12°54	n.a.	T 8
F 9	18 26 34	5°10'08	21° 4	2°34	23°15	19° 3	13°29	19°11	18°58	14°24	15°52	10°35	11°18	13° 1	n.a.	F 9
S 10	18 30 31	6° 7'51	3♊ 2	3°31	22°53	19°41	13°36	19°17	18°56	14°23	15°52	10°25	11°15	13° 8	n.a.	S 10
S 11	18 34 27	7° 5'36	15° 8	4°26	22°29	20°20	13°42	19°23	18°55	14°21	15°52	10°14	11°11	13°14	n.a.	S 11
M12	18 38 24	8° 3'23	27°25	5°18	22° 2	20°58	13°48	19°29	18°54	14°19	15°51	10° 3	11° 8	13°21	n.a.	M12
T 13	18 42 20	9° 1'11	9♋52	6° 6	21°34	21°36	13°55	19°35	18°52	14°18	15°51	9°52	11° 5	13°28	n.a.	T 13
W14	18 46 17	9°59'01	22°30	6°51	21° 5	22°15	14° 1	19°41	18°51	14°16	15°51	9°42	11° 2	13°34	n.a.	W14
T 15	18 50 13	10°56'52	5♌20	7°33	20°33	22°53	14° 6	19°47	18°50	14°15	15°50	9°35	10°59	13°41	n.a.	T 15
F 16	18 54 10	11°54'44	18°22	8°11	20° 0	23°32	14°12	19°53	18°49	14°13	15°50	9°31	10°56	13°48	n.a.	F 16
S 17	18 58 6	12°52'39	1♍34	8°45	19°26	24°10	14°18	19°59	18°48	14°11	15°49	9°29	10°52	13°55	n.a.	S 17
S 18	19 2 3	13°50'34	14°59	9°15	18°51	24°49	14°23	20° 5	18°47	14°10	15°49	9°D29	10°49	14° 1	n.a.	S 18
M19	19 6 0	14°48'31	28°37	9°40	18°15	25°27	14°28	20°11	18°46	14° 8	15°49	9°30	10°46	14° 8	n.a.	M19
T 20	19 9 56	15°46'30	12♎28	10° 0	17°39	26° 6	14°33	20°16	18°45	14° 6	15°48	9°R30	10°43	14°15	n.a.	T 20
W21	19 13 53	16°44'30	26°33	10°16	17° 2	26°44	14°38	20°22	18°44	14° 5	15°48	9°30	10°40	14°21	n.a.	W21
T 22	19 17 49	17°42'31	10♏51	10°26	16°25	27°23	14°43	20°27	18°43	14° 3	15°47	9°28	10°36	14°28	n.a.	T 22
F 23	19 21 46	18°40'34	25°20	10°R30	15°48	28° 2	14°47	20°33	18°42	14° 1	15°47	9°24	10°33	14°35	n.a.	F 23
S 24	19 25 42	19°38'39	9♐55	10°29	15°12	28°40	14°51	20°38	18°41	14° 0	15°46	9°17	10°30	14°42	n.a.	S 24
S 25	19 29 39	20°36'45	24°30	10°22	14°36	29°19	14°56	20°43	18°40	13°58	15°45	9°10	10°27	14°48	n.a.	S 25
M26	19 33 35	21°34'53	8♑59	10° 9	14° 1	29°58	14°59	20°48	18°40	13°57	15°45	9° 3	10°24	14°55	n.a.	M26
T 27	19 37 32	22°33'03	23°15	9°49	13°27	0♌36	15° 3	20°54	18°39	13°55	15°44	8°56	10°21	15° 2	n.a.	T 27
W28	19 41 29	23°31'14	7♒12	9°23	12°54	1°15	15° 7	20°59	18°39	13°53	15°44	8°50	10°17	15° 8	n.a.	W28
T 29	19 45 25	24°29'28	20°48	8°51	12°23	1°54	15°10	21° 3	18°38	13°52	15°43	8°47	10°14	15°15	n.a.	T 29
F 30	19 49 22	25°27'43	4♓ 0	8°12	11°54	2°33	15°13	21° 8	18°37	13°50	15°42	8°D45	10°11	15°22	n.a.	F 30
S 31	19 53 18	26♋26'01	16♓49	7♌28	11♋26	3♌12	15♈16	21♉13	18♏37	13♑49	15♓42	8♓46	10♓ 8	15♉29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	19s32	2s23	21n56	0n10	18n23	3s11	24n16	1n12	3n48	1s19	16n 2	1s36	17s42	0n 6	23s15	0s14	21s26	17s15	7s36	7s17	19n58			n.a.
F 2	23 49	14 16	1 18	21 33	0 1	18 10	3 24	24 12	1 12	3 51	1 20	16 3	1 36	17 42	0 6	23 15	0 14	21 26	17 16	7 37	7 18	20 1			n.a.
S 3	23 50	8 32	0 11	21 10	0s 9	17 58	3 38	24 8	1 12	3 54	1 20	16 5	1 36	17 41	0 6	23 15	0 14	21 27	17 16	7 37	7 19	20 3			n.a.
S 4	23 50	2 39	0n55	20 47	0 18	17 46	3 52	24 3	1 12	3 57	1 20	16 7	1 36	17 41	0 6	23 15	0 14	21 27	17 16	7 37	7 21	20 6			n.a.
M 5	23 49	3n12	1 57	20 23	0 28	17 34	4 6	23 58	1 11	4 0	1 20	16 9	1 36	17 40	0 6	23 16	0 14	21 27	17 17	7 37	7 22	20 8			n.a.
T 6	23 49	8 51	2 53	19 59	0 38	17 22	4 20	23 54	1 11	4 2	1 20	16 11	1 36	17 40	0 6	23 16	0 14	21 28	17 17	7 37	7 23	20 11			n.a.
W 7	23 47	14 7	3 41	19 35	0 49	17 11	4 34	23 48	1 11	4 5	1 21	16 12	1 36	17 39	0 6	23 16	0 14	21 28	17 17	7 38	7 24	20 13			n.a.
T 8	23 46	18 52	4 19	19 11	0 59	17 0	4 48	23 43	1 11	4 8	1 21	16 14	1 36	17 39	0 6	23 16	0 14	21 28	17 18	7 40	7 25	20 16			n.a.
F 9	23 44	22 54	4 46	18 47	1 10	16 50	5 2	23 38	1 11	4 10	1 21	16 16	1 36	17 39	0 6	23 16	0 14	21 29	17 18	7 43	7 27	20 19			n.a.
S 10	23 41	26 1	5 0	18 23	1 20	16 40	5 15	23 32	1 11	4 12	1 21	16 17	1 36	17 38	0 6	23 17	0 14	21 29	17 18	7 47	7 28	20 21			n.a.
S 11	23 38	27 59	5 2	17 59	1 31	16 31	5 29	23 26	1 11	4 15	1 21	16 19	1 36	17 38	0 6	23 17	0 14	21 30	17 19	7 51	7 29	20 24			n.a.
M12	23 35	28 37	4 49	17 36	1 42	16 22	5 42	23 20	1 11	4 17	1 22	16 21	1 36	17 38	0 6	23 17	0 14	21 30	17 19	7 56	7 30	20 26			n.a.
T 13	23 31	27 50	4 23	17 13	1 53	16 14	5 55	23 14	1 11	4 19	1 22	16 22	1 36	17 37	0 6	23 17	0 14	21 31	17 19	8 0	7 32	20 28			n.a.
W14	23 27	25 35	3 43	16 51	2 4	16 6	6 7	23 7	1 11	4 22	1 22	16 24	1 36	17 37	0 6	23 17	0 14	21 31	17 20	8 3	7 33	20 31			n.a.
T 15	23 22	22 1	2 52	16 30	2 16	15 59	6 19	23 1	1 11	4 24	1 22	16 25	1 37	17 37	0 6	23 18	0 14	21 31	17 20	8 6	7 34	20 33			n.a.
F 16	23 17	17 19	1 50	16 10	2 27	15 52	6 31	22 54	1 11	4 26	1 22	16 27	1 37	17 36	0 6	23 18	0 14	21 32	17 20	8 8	7 35	20 36			n.a.
S 17	23 12	11 45	0 42	15 50	2 38	15 46	6 42	22 47	1 10	4 28	1 22	16 29	1 37	17 36	0 6	23 18	0 14	21 32	17 21	8 8	7 36	20 38			n.a.
S 18	23 6	5 33	0s30	15 32	2 48	15 41	6 52	22 40	1 10	4 30	1 23	16 30	1 37	17 36	0 6	23 18	0 14	21 33	17 21	8 9	7 38	20 41			n.a.
M19	23 0	0s59	1 41	15 15	2 59	15 36	7 2	22 33	1 10	4 31	1 23	16 32	1 37	17 35	0 6	23 18	0 14	21 33	17 21	8 8	7 39	20 43			n.a.
T 20	22 53	7 34	2 47	14 59	3 9	15 31	7 11	22 25	1 10	4 33	1 23	16 33	1 37	17 35	0 6	23 18	0 14	21 34	17 22	8 8	7 40	20 46			n.a.
W21	22 46	13 54	3 45	14 45	3 20	15 28	7 19	22 18	1 10	4 35	1 23	16 34	1 37	17 35	0 6	23 19	0 14	21 34	17 22	8 8	7 41	20 48			n.a.
T 22	22 38	19 35	4 30	14 33	3 29	15 25	7 27	22 10	1 10	4 36	1 24	16 36	1 37	17 35	0 6	23 19	0 14	21 35	17 22	8 9	7 43	20 51			n.a.
F 23	22 30	24 13	4 58	14 23	3 38	15 22	7 33	22 2	1 10	4 38	1 24	16 37	1 37	17 34	0 6	23 19	0 14	21 35	17 22	8 11	7 44	20 53			n.a.
S 24	22 22	27 21	5 7	14 16	3 47	15 21	7 39	21 54	1 10	4 40	1 24	16 39	1 37	17 34	0 6	23 19	0 14	21 36	17 23	8 13	7 45	20 55			n.a.
S 25	22 13	28 39	4 56	14 10	3 55	15 19	7 44	21 46	1 10	4 41	1 24	16 40	1 37	17 34	0 6	23 19	0 14	21 36	17 23	8 16	7 46	20 58			n.a.
M26	22 4	27 57	4 26	14 7	4 2	15 19	7 48	21 37	1 9	4 42	1 24	16 41	1 37	17 34	0 6	23 20	0 14	21 37	17 23	8 19	7 47	21 0			n.a.
T 27	21 55	25 25	3 40	14 6	4 7	15 19	7 52	21 29	1 9	4 44	1 25	16 42	1 37	17 34	0 6	23 20	0 14	21 37	17 24	8 21	7 49	21 3			n.a.
W28	21 45	21 23	2 42	14 9	4 12	15 20	7 54	21 20	1 9	4 45	1 25	16 44	1 37	17 34	0 6	23 20	0 14	21 38	17 24	8 23	7 50	21 5			n.a.
T 29	21 34	16 18	1 36	14 14	4 16	15 21	7 56	21 11	1 9	4 46	1 25	16 45	1 37	17 33	0 6	23 20	0 14	21 38	17 24	8 25	7 51	21 8			n.a.
F 30	21 24	10 36	0 26	14 22	4 18	15 23	7 56	21 2	1 9	4 47	1 25	16 46	1 38	17 33	0 6	23 20	0 14	21 39	17 24	8 25	7 52	21 10			n.a.
S 31	21n13	4s37	0n44	14n33	4s18	15n25	7s56	20n52	1n 9	4n48	1s25	16n47	1s38	17s33	0n 6	23s20	0s15	21s39	17s25	8s25	7s54	21n12			n.a.

Julian Day Number = 1312159.5, Delta T = 07h40m35s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'34, Lahiri = -19°25'33 Julian Calendar 1 July 1121 BCE == Greg. Calendar 20 June 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

AUGUST 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 15	27♋24'21	29♓18	6°R39	11°R 0	3♌50	15♈19	21♉18	18°R37	13°R47	15°R41	8♓47	10♓ 5	15♉35	n.a.	S 1
M 2	20 1 11	28°22'43	11♈31	5♌46	10♋37	4°29	15°22	21°22	18♏36	13♑45	15♓40	8°48	10° 2	15°42	n.a.	M 2
T 3	20 5 8	29°21'07	23°32	4°48	10°15	5° 8	15°24	21°27	18°36	13°44	15°39	8°49	9°58	15°49	n.a.	T 3
W 4	20 9 4	0♌19'34	5♉25	3°48	9°56	5°47	15°27	21°31	18°36	13°42	15°39	8°R49	9°55	15°55	n.a.	W 4
T 5	20 13 1	1°18'03	17°17	2°47	9°39	6°26	15°29	21°36	18°36	13°41	15°38	8°48	9°52	16° 2	n.a.	T 5
F 6	20 16 58	2°16'34	29°12	1°46	9°24	7° 5	15°31	21°40	18°35	13°39	15°37	8°45	9°49	16° 9	n.a.	F 6
S 7	20 20 54	3°15'08	11♊13	0°46	9°12	7°44	15°32	21°44	18°35	13°38	15°36	8°40	9°46	16°16	n.a.	S 7
S 8	20 24 51	4°13'44	23°25	29♋49	9° 2	8°23	15°34	21°48	18°D35	13°36	15°36	8°35	9°42	16°22	n.a.	S 8
M 9	20 28 47	5°12'22	5♋50	28°56	8°55	9° 2	15°35	21°52	18°35	13°35	15°35	8°29	9°39	16°29	n.a.	M 9
T 10	20 32 44	6°11'02	18°30	28° 9	8°50	9°42	15°36	21°56	18°35	13°33	15°34	8°23	9°36	16°36	n.a.	T 10
W11	20 36 40	7° 9'45	1♌25	27°29	8°47	10°21	15°37	22° 0	18°35	13°32	15°33	8°19	9°33	16°42	n.a.	W11
T 12	20 40 37	8° 8'30	14°36	26°56	8°D47	11° 0	15°38	22° 4	18°36	13°30	15°32	8°15	9°30	16°49	n.a.	T 12
F 13	20 44 33	9° 7'16	28° 0	26°32	8°49	11°39	15°38	22° 7	18°36	13°29	15°31	8°14	9°27	16°56	n.a.	F 13
S 14	20 48 30	10° 6'05	11♍37	26°18	8°54	12°19	15°39	22°11	18°36	13°27	15°30	8°D13	9°23	17° 3	n.a.	S 14
S 15	20 52 26	11° 4'56	25°24	26°D13	9° 0	12°58	15°R39	22°14	18°36	13°26	15°30	8°14	9°20	17° 9	n.a.	S 15
M16	20 56 23	12° 3'48	9♎20	26°18	9° 9	13°37	15°39	22°18	18°37	13°24	15°29	8°15	9°17	17°16	n.a.	M16
T 17	21 0 20	13° 2'43	23°23	26°33	9°20	14°17	15°38	22°21	18°37	13°23	15°28	8°17	9°14	17°23	n.a.	T 17
W18	21 4 16	14° 1'39	7♏32	26°57	9°33	14°56	15°38	22°24	18°38	13°22	15°27	8°R18	9°11	17°29	n.a.	W18
T 19	21 8 13	15° 0'37	21°44	27°31	9°48	15°35	15°37	22°27	18°38	13°20	15°26	8°18	9° 7	17°36	n.a.	T 19
F 20	21 12 9	15°59'38	5♐57	28°14	10° 5	16°15	15°36	22°30	18°39	13°19	15°25	8°17	9° 4	17°43	n.a.	F 20
S 21	21 16 6	16°58'40	20°10	29° 5	10°24	16°54	15°35	22°33	18°39	13°18	15°24	8°15	9° 1	17°50	n.a.	S 21
S 22	21 20 2	17°57'44	4♑18	0♌ 4	10°45	17°34	15°34	22°36	18°40	13°16	15°23	8°12	8°58	17°56	n.a.	S 22
M23	21 23 59	18°56'50	18°18	1°11	11° 8	18°13	15°32	22°38	18°41	13°15	15°22	8° 9	8°55	18° 3	n.a.	M23
T 24	21 27 55	19°55'58	2♒ 7	2°23	11°32	18°53	15°31	22°41	18°42	13°14	15°21	8° 7	8°52	18°10	n.a.	T 24
W25	21 31 52	20°55'08	15°42	3°41	11°59	19°33	15°29	22°43	18°42	13°13	15°20	8° 5	8°48	18°16	n.a.	W25
T 26	21 35 49	21°54'20	29° 0	5° 4	12°26	20°12	15°27	22°46	18°43	13°12	15°19	8° 4	8°45	18°23	n.a.	T 26
F 27	21 39 45	22°53'34	12♓ 0	6°32	12°56	20°52	15°24	22°48	18°44	13°10	15°18	8°D 4	8°42	18°30	n.a.	F 27
S 28	21 43 42	23°52'51	24°43	8° 3	13°27	21°32	15°22	22°50	18°45	13° 9	15°17	8° 4	8°39	18°37	n.a.	S 28
S 29	21 47 38	24°52'10	7♈ 9	9°38	13°59	22°11	15°19	22°52	18°46	13° 8	15°16	8° 5	8°36	18°43	n.a.	S 29
M30	21 51 35	25°51'31	19°21	11°15	14°33	22°51	15°16	22°54	18°47	13° 7	15°14	8° 7	8°33	18°50	n.a.	M30
T 31	21 55 31	26♌50'55	1♉22	12♌54	15♋ 8	23♌31	15♈13	22♉56	18♏49	13♑ 6	15♓13	8♓ 8	8♓29	18♉57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n 1	1n23	1n49	14n47	4s16	15n28	7s55	20n43	1n 9	4n49	1s26	16n49	1s38	17s33	0n 6	23s21	0s15	21s40	17s25	8s25	7s55	21n15			n.a.
M 2	20 49	7 12	2 48	15 3	4 13	15 31	7 54	20 34	1 8	4 50	1 26	16 50	1 38	17 33	0 6	23 21	0 15	21 40	17 25	8 24	7 56	21 17			n.a.
T 3	20 37	12 40	3 39	15 22	4 8	15 35	7 52	20 24	1 8	4 51	1 26	16 51	1 38	17 33	0 6	23 21	0 15	21 41	17 26	8 24	7 57	21 19			n.a.
W 4	20 25	17 37	4 20	15 44	4 0	15 40	7 49	20 14	1 8	4 51	1 26	16 52	1 38	17 33	0 6	23 21	0 15	21 41	17 26	8 24	7 58	21 22			n.a.
T 5	20 12	21 53	4 49	16 7	3 51	15 44	7 45	20 4	1 8	4 52	1 26	16 53	1 38	17 33	0 6	23 21	0 15	21 42	17 26	8 24	8 0	21 24			n.a.
F 6	19 58	25 17	5 7	16 31	3 40	15 49	7 41	19 54	1 8	4 52	1 27	16 54	1 38	17 33	0 6	23 22	0 15	21 42	17 26	8 25	8 1	21 27			n.a.
S 7	19 45	27 37	5 10	16 57	3 26	15 55	7 37	19 43	1 8	4 53	1 27	16 55	1 38	17 33	0 6	23 22	0 15	21 43	17 27	8 27	8 2	21 29			n.a.
S 8	19 31	28 40	5 1	17 24	3 12	16 0	7 32	19 33	1 7	4 53	1 27	16 56	1 38	17 33	0 6	23 22	0 15	21 43	17 27	8 29	8 3	21 31			n.a.
M 9	19 17	28 18	4 36	17 51	2 56	16 7	7 26	19 22	1 7	4 54	1 27	16 57	1 38	17 33	0 6	23 22	0 15	21 44	17 27	8 31	8 5	21 34			n.a.
T 10	19 2	26 28	3 58	18 17	2 38	16 13	7 20	19 11	1 7	4 54	1 28	16 58	1 39	17 33	0 6	23 22	0 15	21 45	17 27	8 33	8 6	21 36			n.a.
W11	18 47	23 13	3 8	18 43	2 20	16 19	7 14	19 0	1 7	4 54	1 28	16 59	1 39	17 33	0 6	23 22	0 15	21 45	17 27	8 35	8 7	21 38			n.a.
T 12	18 32	18 43	2 6	19 8	2 1	16 26	7 7	18 49	1 7	4 54	1 28	17 0	1 39	17 33	0 6	23 23	0 15	21 46	17 28	8 36	8 8	21 41			n.a.
F 13	18 16	13 14	0 56	19 31	1 42	16 33	7 0	18 38	1 7	4 54	1 28	17 0	1 39	17 33	0 6	23 23	0 15	21 46	17 28	8 37	8 9	21 43			n.a.
S 14	18 0	7 2	0s19	19 53	1 23	16 40	6 53	18 27	1 6	4 54	1 28	17 1	1 39	17 33	0 6	23 23	0 15	21 47	17 28	8 37	8 11	21 45			n.a.
S 15	17 44	0 26	1 33	20 13	1 4	16 47	6 45	18 15	1 6	4 54	1 29	17 2	1 39	17 33	0 6	23 23	0 15	21 47	17 28	8 37	8 12	21 47			n.a.
M16	17 27	6s14	2 42	20 30	0 45	16 54	6 37	18 4	1 6	4 54	1 29	17 3	1 39	17 33	0 6	23 23	0 15	21 48	17 28	8 36	8 13	21 50			n.a.
T 17	17 10	12 40	3 43	20 45	0 27	17 1	6 29	17 52	1 6	4 53	1 29	17 4	1 39	17 33	0 6	23 23	0 15	21 48	17 29	8 36	8 14	21 52			n.a.
W18	16 53	18 30	4 30	20 57	0 10	17 9	6 21	17 40	1 6	4 53	1 29	17 4	1 39	17 34	0 6	23 23	0 15	21 49	17 29	8 36	8 15	21 54			n.a.
T 19	16 36	23 20	5 1	21 6	0n 6	17 16	6 13	17 28	1 5	4 52	1 29	17 5	1 39	17 34	0 6	23 24	0 15	21 50	17 29	8 36	8 17	21 57			n.a.
F 20	16 18	26 48	5 14	21 12	0 21	17 23	6 4	17 16	1 5	4 52	1 30	17 6	1 40	17 34	0 6	23 24	0 15	21 50	17 29	8 36	8 18	21 59			n.a.
S 21	16 0	28 34	5 8	21 15	0 35	17 30	5 56	17 3	1 5	4 51	1 30	17 6	1 40	17 34	0 6	23 24	0 15	21 51	17 29	8 37	8 19	22 1			n.a.
S 22	15 42	28 28	4 43	21 15	0 48	17 37	5 47	16 51	1 5	4 51	1 30	17 7	1 40	17 34	0 6	23 24	0 15	21 51	17 30	8 38	8 20	22 3			n.a.
M23	15 23	26 32	4 1	21 12	1 0	17 44	5 38	16 38	1 5	4 50	1 30	17 7	1 40	17 35	0 6	23 24	0 15	21 52	17 30	8 39	8 22	22 6			n.a.
T 24	15 4	23 1	3 5	21 5	1 10	17 51	5 30	16 26	1 4	4 49	1 30	17 8	1 40	17 35	0 6	23 24	0 15	21 52	17 30	8 40	8 23	22 8			n.a.
W25	14 45	18 18	2 0	20 56	1 19	17 57	5 21	16 13	1 4	4 48	1 31	17 9	1 40	17 35	0 5	23 24	0 15	21 53	17 30	8 40	8 24	22 10			n.a.
T 26	14 26	12 47	0 50	20 43	1 28	18 4	5 12	16 0	1 4	4 47	1 31	17 9	1 40	17 35	0 5	23 25	0 15	21 53	17 30	8 41	8 25	22 12			n.a.
F 27	14 7	6 50	0n22	20 28	1 34	18 10	5 3	15 47	1 4	4 46	1 31	17 9	1 40	17 36	0 5	23 25	0 15	21 54	17 30	8 41	8 26	22 15			n.a.
S 28	13 47	0 45	1 31	20 10	1 40	18 16	4 54	15 34	1 3	4 45	1 31	17 10	1 40	17 36	0 5	23 25	0 15	21 54	17 30	8 41	8 28	22 17			n.a.
S 29	13 27	5n14	2 34	19 49	1 45	18 21	4 45	15 20	1 3	4 44	1 31	17 10	1 40	17 36	0 5	23 25	0 15	21 55	17 31	8 40	8 29	22 19			n.a.
M30	13 6	10 54	3 29	19 26	1 49	18 27	4 36	15 7	1 3	4 42	1 31	17 11	1 41	17 36	0 5	23 25	0 15	21 55	17 31	8 40	8 30	22 21			n.a.
T 31	12n46	16n 6	4n14	19n 0	1n52	18n32	4s27	14n53	1n 3	4n41	1s32	17n11	1s41	17s37	0n 5	23s25	0s15	21s56	17s31	8s39	8s31	22n23			n.a.

Julian Day Number = 1312190.5, Delta T = 07h40m33s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'29, Lahiri = -19°25'29 Julian Calendar 1 Aug. 1121 BCE == Greg. Calendar 21 July 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

SEPTEMBER 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 59 28	27♌50'21	13♉17	14♌35	15♋45	24♌11	15°R10	22♉57	18♏50	13°R 5	15°R12	8♓ 8	8♓26	19♉ 3	n.a.	W 1
T 2	22 3 24	28°49'50	25° 9	16°17	16°23	24°51	15♈ 6	22°59	18°51	13♊ 4	15♓11	8°R 9	8°23	19°10	n.a.	T 2
F 3	22 7 21	29°49'21	7♊ 3	18° 0	17° 2	25°31	15° 3	23° 0	18°52	13° 3	15°10	8° 9	8°20	19°17	n.a.	F 3
S 4	22 11 17	0♍48'55	19° 5	19°44	17°42	26°11	14°59	23° 2	18°54	13° 2	15° 9	8° 8	8°17	19°24	n.a.	S 4
S 5	22 15 14	1°48'31	1♋18	21°28	18°24	26°51	14°55	23° 3	18°55	13° 1	15° 8	8° 8	8°13	19°30	n.a.	S 5
M 6	22 19 11	2°48'09	13°46	23°13	19° 6	27°31	14°50	23° 4	18°56	13° 0	15° 7	8° 7	8°10	19°37	n.a.	M 6
T 7	22 23 7	3°47'50	26°33	24°57	19°50	28°11	14°46	23° 5	18°58	12°59	15° 6	8° 6	8° 7	19°44	n.a.	T 7
W 8	22 27 4	4°47'33	9♌40	26°42	20°34	28°51	14°42	23° 6	18°59	12°58	15° 5	8° 6	8° 4	19°50	n.a.	W 8
T 9	22 31 0	5°47'19	23° 7	28°26	21°20	29°31	14°37	23° 7	19° 1	12°57	15° 3	8° 6	8° 1	19°57	n.a.	T 9
F 10	22 34 57	6°47'06	6♍54	0♍10	22° 6	0♍11	14°32	23° 7	19° 3	12°56	15° 2	8°D 6	7°58	20° 4	n.a.	F 10
S 11	22 38 53	7°46'56	20°57	1°54	22°54	0°51	14°27	23° 8	19° 4	12°56	15° 1	8°R 6	7°54	20°11	n.a.	S 11
S 12	22 42 50	8°46'47	5♎13	3°38	23°42	1°32	14°21	23° 8	19° 6	12°55	15° 0	8° 6	7°51	20°17	n.a.	S 12
M13	22 46 46	9°46'41	19°37	5°21	24°31	2°12	14°16	23° 9	19° 8	12°54	14°59	8° 5	7°48	20°24	n.a.	M13
T 14	22 50 43	10°46'36	4♏ 3	7° 3	25°21	2°52	14°10	23° 9	19°10	12°54	14°58	8° 5	7°45	20°31	n.a.	T 14
W15	22 54 39	11°46'34	18°28	8°45	26°12	3°33	14° 5	23°R 9	19°11	12°53	14°57	8° 5	7°42	20°37	n.a.	W15
T 16	22 58 36	12°46'33	2♐46	10°26	27° 3	4°13	13°59	23° 9	19°13	12°52	14°55	8° 5	7°39	20°44	n.a.	T 16
F 17	23 2 33	13°46'34	16°56	12° 7	27°55	4°53	13°53	23° 9	19°15	12°52	14°54	8°D 5	7°35	20°51	n.a.	F 17
S 18	23 6 29	14°46'37	0♑55	13°48	28°48	5°34	13°46	23° 9	19°17	12°51	14°53	8° 5	7°32	20°58	n.a.	S 18
S 19	23 10 26	15°46'42	14°43	15°27	29°42	6°14	13°40	23° 8	19°19	12°51	14°52	8° 5	7°29	21° 4	n.a.	S 19
M20	23 14 22	16°46'48	28°17	17° 7	0♌36	6°55	13°34	23° 8	19°21	12°50	14°51	8° 6	7°26	21°11	n.a.	M20
T 21	23 18 19	17°46'56	11♒39	18°45	1°31	7°35	13°27	23° 7	19°23	12°50	14°50	8° 7	7°23	21°18	n.a.	T 21
W22	23 22 15	18°47'06	24°47	20°24	2°27	8°16	13°20	23° 7	19°26	12°49	14°49	8° 8	7°19	21°24	n.a.	W22
T 23	23 26 12	19°47'17	7♓43	22° 1	3°23	8°57	13°13	23° 6	19°28	12°49	14°47	8°R 8	7°16	21°31	n.a.	T 23
F 24	23 30 8	20°47'30	20°25	23°39	4°19	9°37	13° 6	23° 5	19°30	12°48	14°46	8° 8	7°13	21°38	n.a.	F 24
S 25	23 34 5	21°47'46	2♈55	25°15	5°17	10°18	12°59	23° 4	19°32	12°48	14°45	8° 7	7°10	21°45	n.a.	S 25
S 26	23 38 2	22°48'03	15°13	26°52	6°14	10°59	12°52	23° 3	19°35	12°48	14°44	8° 5	7° 7	21°51	n.a.	S 26
M27	23 41 58	23°48'22	27°21	28°27	7°13	11°40	12°45	23° 2	19°37	12°47	14°43	8° 3	7° 4	21°58	n.a.	M27
T 28	23 45 55	24°48'44	9♉21	0♎ 3	8°12	12°20	12°37	23° 0	19°39	12°47	14°42	8° 0	7° 0	22° 5	n.a.	T 28
W29	23 49 51	25°49'07	21°15	1°38	9°11	13° 1	12°30	22°59	19°42	12°47	14°41	7°57	6°57	22°11	n.a.	W29
T 30	23 53 48	26♍49'33	3♊ 6	3♎13	10♌11	13♍42	12♈22	22♉57	19♏44	12♑47	14♓39	7♓55	6♓54	22♉18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n25	20n38	4n47	18n32	1n54	18n36	4s19	14n40	1n 3	4n40	1s32	17n11	1s41	17s37	0n 5	23s25	0s15	21s57	17s31	8s39	8s32	22n26		n.a.
T 2	12 4	24 21	5 9	18 2	1 55	18 41	4 10	14 26	1 2	4 38	1 32	17 12	1 41	17 38	0 5	23 25	0 15	21 57	17 31	8 39	8 34	22 28		n.a.
F 3	11 43	27 2	5 17	17 31	1 55	18 45	4 1	14 12	1 2	4 36	1 32	17 12	1 41	17 38	0 5	23 25	0 15	21 58	17 31	8 39	8 35	22 30		n.a.
S 4	11 22	28 32	5 11	16 57	1 55	18 48	3 52	13 58	1 2	4 35	1 32	17 12	1 41	17 38	0 5	23 26	0 15	21 58	17 31	8 39	8 36	22 32		n.a.
S 5	11 0	28 41	4 51	16 23	1 54	18 51	3 44	13 44	1 2	4 33	1 32	17 12	1 41	17 39	0 5	23 26	0 15	21 59	17 31	8 39	8 37	22 34		n.a.
M 6	10 39	27 22	4 18	15 46	1 53	18 54	3 35	13 29	1 1	4 31	1 33	17 13	1 41	17 39	0 5	23 26	0 15	21 59	17 31	8 40	8 38	22 37		n.a.
T 7	10 17	24 38	3 30	15 9	1 51	18 56	3 26	13 15	1 1	4 29	1 33	17 13	1 41	17 40	0 5	23 26	0 15	22 0	17 31	8 40	8 40	22 39		n.a.
W 8	9 55	20 33	2 31	14 30	1 48	18 58	3 18	13 1	1 1	4 27	1 33	17 13	1 42	17 40	0 5	23 26	0 15	22 0	17 31	8 40	8 41	22 41		n.a.
T 9	9 32	15 19	1 22	13 51	1 45	18 59	3 9	12 46	1 0	4 25	1 33	17 13	1 42	17 40	0 5	23 26	0 15	22 1	17 31	8 40	8 42	22 43		n.a.
F 10	9 10	9 13	0 7	13 10	1 42	19 0	3 1	12 32	1 0	4 23	1 33	17 13	1 42	17 41	0 5	23 26	0 15	22 1	17 32	8 40	8 43	22 45		n.a.
S 11	8 47	2 34	1s11	12 29	1 38	19 1	2 53	12 17	1 0	4 21	1 33	17 13	1 42	17 41	0 5	23 26	0 15	22 2	17 32	8 40	8 44	22 47		n.a.
S 12	8 25	4s19	2 25	11 47	1 34	19 1	2 45	12 2	1 0	4 19	1 33	17 13	1 42	17 42	0 5	23 26	0 15	22 2	17 32	8 40	8 46	22 49		n.a.
M13	8 2	11 2	3 30	11 5	1 29	19 0	2 37	11 47	0 59	4 17	1 33	17 13	1 42	17 42	0 5	23 26	0 15	22 3	17 32	8 40	8 47	22 52		n.a.
T 14	7 39	17 11	4 23	10 22	1 24	18 59	2 28	11 32	0 59	4 15	1 34	17 13	1 42	17 43	0 5	23 26	0 15	22 3	17 32	8 40	8 48	22 54		n.a.
W15	7 16	22 22	4 59	9 39	1 19	18 57	2 21	11 17	0 59	4 12	1 34	17 13	1 42	17 43	0 5	23 27	0 15	22 4	17 32	8 40	8 49	22 56		n.a.
T 16	6 52	26 12	5 16	8 55	1 14	18 55	2 13	11 2	0 59	4 10	1 34	17 13	1 42	17 44	0 5	23 27	0 15	22 4	17 32	8 41	8 50	22 58		n.a.
F 17	6 29	28 22	5 13	8 11	1 9	18 53	2 5	10 46	0 58	4 7	1 34	17 13	1 43	17 44	0 5	23 27	0 15	22 5	17 32	8 41	8 52	23 0		n.a.
S 18	6 5	28 42	4 52	7 26	1 3	18 49	1 57	10 31	0 58	4 5	1 34	17 13	1 43	17 45	0 5	23 27	0 15	22 5	17 32	8 40	8 53	23 2		n.a.
S 19	5 42	27 13	4 15	6 42	0 57	18 46	1 50	10 16	0 58	4 2	1 34	17 12	1 43	17 46	0 5	23 27	0 15	22 5	17 32	8 40	8 54	23 4		n.a.
M20	5 18	24 9	3 23	5 57	0 51	18 41	1 42	10 0	0 57	4 0	1 34	17 12	1 43	17 46	0 5	23 27	0 15	22 6	17 32	8 40	8 55	23 6		n.a.
T 21	4 54	19 50	2 21	5 13	0 45	18 36	1 35	9 44	0 57	3 57	1 34	17 12	1 43	17 47	0 5	23 27	0 15	22 6	17 32	8 40	8 56	23 8		n.a.
W22	4 30	14 37	1 13	4 28	0 39	18 31	1 28	9 29	0 57	3 54	1 34	17 12	1 43	17 47	0 5	23 27	0 15	22 7	17 32	8 39	8 58	23 10		n.a.
T 23	4 6	8 51	0 2	3 43	0 33	18 25	1 20	9 13	0 56	3 52	1 34	17 11	1 43	17 48	0 5	23 27	0 15	22 7	17 32	8 39	8 59	23 13		n.a.
F 24	3 42	2 49	1n 7	2 58	0 26	18 18	1 13	8 57	0 56	3 49	1 34	17 11	1 43	17 49	0 5	23 27	0 15	22 8	17 32	8 39	9 0	23 15		n.a.
S 25	3 18	3n12	2 13	2 13	0 20	18 11	1 6	8 41	0 56	3 46	1 34	17 11	1 43	17 49	0 5	23 27	0 15	22 8	17 31	8 40	9 1	23 17		n.a.
S 26	2 54	9 1	3 11	1 28	0 13	18 4	0 59	8 25	0 55	3 43	1 34	17 10	1 43	17 50	0 5	23 27	0 15	22 8	17 31	8 40	9 2	23 19		n.a.
M27	2 30	14 24	3 59	0 44	0 7	17 55	0 53	8 9	0 55	3 40	1 34	17 10	1 43	17 51	0 5	23 27	0 15	22 9	17 31	8 41	9 4	23 21		n.a.
T 28	2 6	19 12	4 37	0s 1	0 0	17 46	0 46	7 53	0 55	3 37	1 35	17 9	1 44	17 51	0 5	23 27	0 15	22 9	17 31	8 42	9 5	23 23		n.a.
W29	1 41	23 12	5 2	0 45	0s 6	17 37	0 40	7 37	0 54	3 34	1 35	17 9	1 44	17 52	0 5	23 27	0 15	22 10	17 31	8 43	9 6	23 25		n.a.
T 30	1n17	26n15	5n14	1s29	0s13	17n27	0s33	7n20	0n54	3n31	1s35	17n 8	1s44	17s53	0n 5	23s27	0s15	22s10	17s31	8s44	9s 7	23n27		n.a.

Julian Day Number = 1312221.5, Delta T = 07h40m32s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'25, Lahiri = -19°25'25 Julian Calendar 1 Sept. 1121 BCE == Greg. Calendar 21 Aug. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

OCTOBER 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 57 44	27♍50'00	14♊59	4♎47	11♌11	14♍23	12°R15	22°R55	19♏47	12°R47	14°R38	7°R53	6♓51	22♉25	n.a.	F 1
S 2	0 1 41	28°50'30	26°58	6°21	12°12	15° 4	12♈ 7	22♉54	19°50	12♏46	14♓37	7°D53	6°48	22°32	n.a.	S 2
S 3	0 5 37	29°51'01	9♋ 8	7°54	13°13	15°45	11°59	22°52	19°52	12°46	14°36	7♓53	6°45	22°38	n.a.	S 3
M 4	0 9 34	0♎51'35	21°33	9°27	14°14	16°26	11°51	22°50	19°55	12°46	14°35	7°54	6°41	22°45	n.a.	M 4
T 5	0 13 31	1°52'11	4♌18	11° 0	15°16	17° 7	11°43	22°48	19°57	12°D46	14°34	7°56	6°38	22°52	n.a.	T 5
W 6	0 17 27	2°52'48	17°27	12°33	16°19	17°48	11°35	22°45	20° 0	12°46	14°33	7°57	6°35	22°59	n.a.	W 6
T 7	0 21 24	3°53'27	1♍ 0	14° 5	17°22	18°30	11°27	22°43	20° 3	12°46	14°32	7°R58	6°32	23° 5	n.a.	T 7
F 8	0 25 20	4°54'08	15° 0	15°37	18°25	19°11	11°19	22°41	20° 6	12°46	14°31	7°58	6°29	23°12	n.a.	F 8
S 9	0 29 17	5°54'51	29°22	17° 9	19°28	19°52	11°11	22°38	20° 8	12°47	14°30	7°57	6°25	23°19	n.a.	S 9
S 10	0 33 13	6°55'36	14♎ 3	18°40	20°32	20°33	11° 3	22°35	20°11	12°47	14°29	7°54	6°22	23°25	n.a.	S 10
M11	0 37 10	7°56'22	28°55	20°12	21°36	21°15	10°55	22°33	20°14	12°47	14°28	7°50	6°19	23°32	n.a.	M11
T 12	0 41 6	8°57'09	13♏51	21°42	22°41	21°56	10°46	22°30	20°17	12°47	14°26	7°45	6°16	23°39	n.a.	T 12
W13	0 45 3	9°57'58	28°40	23°13	23°45	22°37	10°38	22°27	20°20	12°47	14°25	7°41	6°13	23°46	n.a.	W13
T 14	0 49 0	10°58'48	13♐17	24°43	24°50	23°19	10°30	22°24	20°23	12°48	14°24	7°37	6°10	23°52	n.a.	T 14
F 15	0 52 56	11°59'39	27°36	26°13	25°56	24° 0	10°22	22°21	20°26	12°48	14°23	7°35	6° 6	23°59	n.a.	F 15
S 16	0 56 53	13° 0'31	11♑36	27°43	27° 1	24°42	10°14	22°18	20°29	12°48	14°22	7°D34	6° 3	24° 6	n.a.	S 16
S 17	1 0 49	14° 1'25	25°14	29°12	28° 7	25°23	10° 6	22°14	20°32	12°49	14°21	7°34	6° 0	24°12	n.a.	S 17
M18	1 4 46	15° 2'19	8♒34	0♏41	29°14	26° 5	9°57	22°11	20°35	12°49	14°20	7°36	5°57	24°19	n.a.	M18
T 19	1 8 42	16° 3'14	21°36	2° 9	0♍20	26°47	9°49	22° 8	20°38	12°50	14°20	7°37	5°54	24°26	n.a.	T 19
W20	1 12 39	17° 4'10	4♓23	3°37	1°27	27°28	9°41	22° 4	20°41	12°50	14°19	7°R38	5°50	24°33	n.a.	W20
T 21	1 16 35	18° 5'08	16°58	5° 4	2°34	28°10	9°33	22° 0	20°45	12°51	14°18	7°38	5°47	24°39	n.a.	T 21
F 22	1 20 32	19° 6'06	29°22	6°31	3°41	28°52	9°25	21°57	20°48	12°51	14°17	7°35	5°44	24°46	n.a.	F 22
S 23	1 24 29	20° 7'05	11♈37	7°56	4°48	29°34	9°17	21°53	20°51	12°52	14°16	7°31	5°41	24°53	n.a.	S 23
S 24	1 28 25	21° 8'06	23°45	9°21	5°56	0♎15	9° 9	21°49	20°54	12°53	14°15	7°24	5°38	24°59	n.a.	S 24
M25	1 32 22	22° 9'07	5♉46	10°45	7° 4	0°57	9° 2	21°45	20°58	12°53	14°14	7°16	5°35	25° 6	n.a.	M25
T 26	1 36 18	23°10'10	17°42	12° 8	8°12	1°39	8°54	21°41	21° 1	12°54	14°13	7° 7	5°31	25°13	n.a.	T 26
W27	1 40 15	24°11'14	29°35	13°29	9°20	2°21	8°46	21°37	21° 4	12°55	14°12	6°57	5°28	25°20	n.a.	W27
T 28	1 44 11	25°12'19	11♊26	14°49	10°29	3° 3	8°39	21°33	21° 7	12°55	14°11	6°49	5°25	25°26	n.a.	T 28
F 29	1 48 8	26°13'26	23°18	16° 7	11°37	3°45	8°31	21°29	21°11	12°56	14°11	6°41	5°22	25°33	n.a.	F 29
S 30	1 52 4	27°14'33	5♋16	17°23	12°46	4°27	8°24	21°24	21°14	12°57	14°10	6°36	5°19	25°40	n.a.	S 30
S 31	1 56 1	28♎15'42	17♋22	18♏37	13♍55	5♎ 9	8♈17	21♉20	21♏18	12♑58	14♓ 9	6♓34	5♓16	25♉47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n53	28n 9	5n12	2s13	0s19	17n16	0s27	7n 4	0n54	3n28	1s35	17n 8	1s44	17s53	0n 5	23s27	0s15	22s10	17s31	8s45	9s 8	23n29		n.a.
S 2	0 28	28 45	4 58	2 57	0 26	17 5	0 21	6 48	0 53	3 25	1 35	17 7	1 44	17 54	0 5	23 27	0 15	22 11	17 31	8 45	9 10	23 31		n.a.
S 3	0 4	27 59	4 29	3 41	0 32	16 54	0 15	6 31	0 53	3 22	1 35	17 7	1 44	17 55	0 5	23 27	0 15	22 11	17 31	8 45	9 11	23 33		n.a.
M 4	0s21	25 49	3 48	4 24	0 39	16 41	0 9	6 15	0 53	3 19	1 35	17 6	1 44	17 56	0 5	23 27	0 15	22 11	17 31	8 45	9 12	23 35		n.a.
T 5	0 45	22 19	2 55	5 7	0 45	16 28	0 3	5 58	0 52	3 16	1 34	17 6	1 44	17 56	0 5	23 27	0 15	22 12	17 31	8 44	9 13	23 37		n.a.
W 6	1 10	17 36	1 50	5 50	0 52	16 15	0n 3	5 41	0 52	3 13	1 34	17 5	1 44	17 57	0 5	23 27	0 15	22 12	17 30	8 43	9 14	23 39		n.a.
T 7	1 34	11 53	0 38	6 32	0 58	16 1	0 8	5 25	0 52	3 9	1 34	17 4	1 44	17 58	0 5	23 27	0 15	22 12	17 30	8 43	9 16	23 41		n.a.
F 8	1 59	5 25	0s38	7 14	1 4	15 47	0 14	5 8	0 51	3 6	1 34	17 4	1 44	17 59	0 5	23 27	0 15	22 13	17 30	8 43	9 17	23 43		n.a.
S 9	2 23	1s30	1 55	7 55	1 10	15 32	0 19	4 51	0 51	3 3	1 34	17 3	1 44	17 59	0 5	23 27	0 15	22 13	17 30	8 43	9 18	23 45		n.a.
S 10	2 48	8 27	3 5	8 36	1 16	15 16	0 25	4 34	0 50	3 0	1 34	17 2	1 44	18 0	0 5	23 27	0 15	22 13	17 30	8 45	9 19	23 47		n.a.
M11	3 12	15 3	4 3	9 17	1 22	15 0	0 30	4 17	0 50	2 57	1 34	17 1	1 45	18 1	0 5	23 27	0 15	22 14	17 30	8 46	9 20	23 49		n.a.
T 12	3 36	20 47	4 45	9 57	1 27	14 43	0 35	4 0	0 50	2 54	1 34	17 1	1 45	18 2	0 5	23 27	0 15	22 14	17 30	8 48	9 22	23 51		n.a.
W13	4 1	25 11	5 8	10 36	1 33	14 26	0 39	3 43	0 49	2 50	1 34	17 0	1 45	18 3	0 5	23 27	0 15	22 14	17 29	8 50	9 23	23 52		n.a.
T 14	4 25	27 54	5 10	11 15	1 38	14 9	0 44	3 26	0 49	2 47	1 34	16 59	1 45	18 3	0 5	23 27	0 15	22 14	17 29	8 51	9 24	23 54		n.a.
F 15	4 49	28 41	4 53	11 53	1 43	13 51	0 49	3 9	0 48	2 44	1 34	16 58	1 45	18 4	0 5	23 27	0 15	22 15	17 29	8 52	9 25	23 56		n.a.
S 16	5 13	27 36	4 19	12 31	1 48	13 32	0 53	2 52	0 48	2 41	1 34	16 57	1 45	18 5	0 5	23 27	0 15	22 15	17 29	8 52	9 26	23 58		n.a.
S 17	5 37	24 53	3 30	13 8	1 53	13 13	0 58	2 35	0 48	2 38	1 34	16 56	1 45	18 6	0 5	23 27	0 15	22 15	17 29	8 52	9 28	24 0		n.a.
M18	6 1	20 51	2 32	13 44	1 58	12 54	1 2	2 18	0 47	2 35	1 33	16 56	1 45	18 7	0 5	23 27	0 15	22 15	17 28	8 52	9 29	24 2		n.a.
T 19	6 25	15 54	1 26	14 19	2 2	12 34	1 6	2 1	0 47	2 32	1 33	16 55	1 45	18 8	0 5	23 27	0 15	22 15	17 28	8 51	9 30	24 4		n.a.
W20	6 49	10 20	0 18	14 53	2 6	12 13	1 10	1 44	0 46	2 28	1 33	16 54	1 45	18 8	0 5	23 27	0 15	22 16	17 28	8 51	9 31	24 6		n.a.
T 21	7 12	4 28	0n50	15 27	2 9	11 53	1 14	1 26	0 46	2 25	1 33	16 53	1 45	18 9	0 5	23 27	0 15	22 16	17 28	8 51	9 32	24 8		n.a.
F 22	7 36	1n30	1 55	16 0	2 13	11 31	1 18	1 9	0 45	2 22	1 33	16 52	1 45	18 10	0 5	23 27	0 15	22 16	17 28	8 52	9 33	24 10		n.a.
S 23	7 59	7 19	2 53	16 31	2 16	11 10	1 21	0 52	0 45	2 19	1 33	16 51	1 45	18 11	0 5	23 27	0 15	22 16	17 27	8 53	9 35	24 11		n.a.
S 24	8 23	12 48	3 43	17 1	2 18	10 48	1 25	0 35	0 45	2 16	1 33	16 50	1 45	18 12	0 5	23 27	0 15	22 16	17 27	8 56	9 36	24 13		n.a.
M25	8 46	17 46	4 22	17 31	2 20	10 25	1 28	0 17	0 44	2 13	1 32	16 49	1 45	18 13	0 5	23 27	0 15	22 16	17 27	8 59	9 37	24 15		n.a.
T 26	9 9	22 0	4 50	17 58	2 22	10 2	1 31	0s 0	0 44	2 10	1 32	16 48	1 45	18 14	0 5	23 27	0 15	22 17	17 27	9 3	9 38	24 17		n.a.
W27	9 32	25 20	5 4	18 25	2 23	9 39	1 34	0 17	0 43	2 8	1 32	16 46	1 45	18 15	0 5	23 27	0 15	22 17	17 26	9 6	9 39	24 19		n.a.
T 28	9 54	27 34	5 6	18 50	2 24	9 16	1 37	0 35	0 43	2 5	1 32	16 45	1 45	18 15	0 5	23 26	0 15	22 17	17 26	9 9	9 41	24 21		n.a.
F 29	10 17	28 33	4 54	19 13	2 24	8 52	1 40	0 52	0 42	2 2	1 32	16 44	1 45	18 16	0 5	23 26	0 15	22 17	17 26	9 12	9 42	24 23		n.a.
S 30	10 39	28 13	4 30	19 35	2 23	8 27	1 43	1 9	0 42	1 59	1 31	16 43	1 45	18 17	0 5	23 26	0 15	22 17	17 26	9 14	9 43	24 24		n.a.
S 31	11s 2	26n32	3n53	19s55	2s22	8n 3	1n46	1s27	0n41	1n56	1s31	16n42	1s45	18s18	0n 5	23s26	0s15	22s17	17s25	9s15	9s44	24n26		n.a.

Julian Day Number = 1312251.5, Delta T = 07h40m30s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'21, Lahiri = -19°25'21 Julian Calendar 1 Oct. 1121 BCE == Greg. Calendar 20 Sept. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

NOVEMBER 1121 BCE (-1120) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 59 58	29♎16'51	29♋42	19♏48	15♍ 5	5♎51	8°R 9	21°R16	21♏21	12♑59	14°R 8	6°D33	5♓12	25♉53	n.a.	M 1
T 2	2 3 54	0♏18'02	12♌20	20°56	16°14	6°33	8♈ 2	21♉11	21°24	13° 0	14♓ 8	6♓33	5° 9	26° 0	n.a.	T 2
W 3	2 7 51	1°19'14	25°21	21°59	17°24	7°16	7°55	21° 7	21°28	13° 1	14° 7	6°35	5° 6	26° 7	n.a.	W 3
T 4	2 11 47	2°20'26	8♍50	22°59	18°33	7°58	7°49	21° 2	21°31	13° 2	14° 6	6°R35	5° 3	26°13	n.a.	T 4
F 5	2 15 44	3°21'40	22°47	23°54	19°43	8°40	7°42	20°57	21°35	13° 3	14° 5	6°34	5° 0	26°20	n.a.	F 5
S 6	2 19 40	4°22'54	7♎13	24°43	20°53	9°22	7°35	20°53	21°38	13° 4	14° 5	6°30	4°56	26°27	n.a.	S 6
S 7	2 23 37	5°24'10	22° 4	25°26	22° 4	10° 5	7°29	20°48	21°42	13° 5	14° 4	6°24	4°53	26°34	n.a.	S 7
M 8	2 27 33	6°25'26	7♏13	26° 1	23°14	10°47	7°23	20°43	21°45	13° 6	14° 3	6°16	4°50	26°40	n.a.	M 8
T 9	2 31 30	7°26'42	22°30	26°29	24°24	11°30	7°17	20°39	21°49	13° 7	14° 3	6° 6	4°47	26°47	n.a.	T 9
W10	2 35 27	8°27'59	7♐43	26°47	25°35	12°12	7°11	20°34	21°52	13° 8	14° 2	5°56	4°44	26°54	n.a.	W10
T 11	2 39 23	9°29'16	22°42	26°R56	26°46	12°55	7° 5	20°29	21°56	13°10	14° 2	5°47	4°41	27° 1	n.a.	T 11
F 12	2 43 20	10°30'34	7♑20	26°54	27°57	13°37	6°59	20°24	21°59	13°11	14° 1	5°41	4°37	27° 7	n.a.	F 12
S 13	2 47 16	11°31'52	21°31	26°41	29° 8	14°20	6°54	20°19	22° 3	13°12	14° 0	5°37	4°34	27°14	n.a.	S 13
S 14	2 51 13	12°33'09	5♒14	26°16	0♎19	15° 2	6°48	20°14	22° 7	13°14	14° 0	5°35	4°31	27°21	n.a.	S 14
M15	2 55 9	13°34'27	18°31	25°39	1°30	15°45	6°43	20° 9	22°10	13°15	13°59	5°D35	4°28	27°27	n.a.	M15
T 16	2 59 6	14°35'44	1♓26	24°51	2°41	16°28	6°38	20° 4	22°14	13°16	13°59	5°R35	4°25	27°34	n.a.	T 16
W17	3 3 3	15°37'01	14° 3	23°52	3°53	17°10	6°33	19°59	22°17	13°18	13°58	5°35	4°22	27°41	n.a.	W17
T 18	3 6 59	16°38'18	26°24	22°45	5° 4	17°53	6°29	19°54	22°21	13°19	13°58	5°33	4°18	27°48	n.a.	T 18
F 19	3 10 56	17°39'36	8♈35	21°30	6°16	18°36	6°24	19°49	22°24	13°21	13°58	5°28	4°15	27°54	n.a.	F 19
S 20	3 14 52	18°40'53	20°39	20°10	7°27	19°19	6°20	19°44	22°28	13°22	13°57	5°21	4°12	28° 1	n.a.	S 20
S 21	3 18 49	19°42'10	2♉37	18°48	8°39	20° 2	6°16	19°39	22°32	13°23	13°57	5°10	4° 9	28° 8	n.a.	S 21
M22	3 22 45	20°43'26	14°32	17°27	9°51	20°45	6°12	19°34	22°35	13°25	13°56	4°57	4° 6	28°14	n.a.	M22
T 23	3 26 42	21°44'43	26°26	16° 9	11° 3	21°27	6° 8	19°29	22°39	13°27	13°56	4°42	4° 2	28°21	n.a.	T 23
W24	3 30 38	22°46'00	8♊18	14°57	12°15	22°10	6° 5	19°24	22°43	13°28	13°56	4°28	3°59	28°28	n.a.	W24
T 25	3 34 35	23°47'17	20°11	13°52	13°27	22°53	6° 1	19°19	22°46	13°30	13°55	4°14	3°56	28°35	n.a.	T 25
F 26	3 38 32	24°48'34	2♋ 7	12°55	14°39	23°37	5°58	19°14	22°50	13°31	13°55	4° 2	3°53	28°41	n.a.	F 26
S 27	3 42 28	25°49'51	14° 7	12° 9	15°52	24°20	5°55	19°10	22°53	13°33	13°55	3°53	3°50	28°48	n.a.	S 27
S 28	3 46 25	26°51'07	26°14	11°32	17° 4	25° 3	5°53	19° 5	22°57	13°35	13°55	3°46	3°47	28°55	n.a.	S 28
M29	3 50 21	27°52'24	8♌33	11° 6	18°16	25°46	5°50	19° 0	23° 1	13°36	13°54	3°43	3°43	29° 2	n.a.	M29
T 30	3 54 18	28♏53'41	21♌ 7	10♏50	19♎29	26♎29	5♈48	18♉55	23♏ 4	13♑38	13♓54	3♓42	3♓40	29♉ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s24	23n33	3n 5	20s13	2s20	7n38	1n48	1s44	0n41	1n54	1s31	16n41	1s45	18s19	0n 5	23s26	0s15	22s17	17s25	9s15	9s45	24n28		n.a.
T 2	11 46	19 24	2 6	20 28	2 17	7 13	1 51	2 2	0 40	1 51	1 31	16 40	1 45	18 20	0 5	23 26	0 15	22 17	17 25	9 15	9 46	24 30		n.a.
W 3	12 7	14 13	1 0	20 42	2 13	6 47	1 53	2 19	0 40	1 49	1 31	16 38	1 45	18 21	0 5	23 26	0 15	22 17	17 25	9 15	9 48	24 32		n.a.
T 4	12 29	8 12	0s12	20 53	2 8	6 21	1 55	2 36	0 39	1 46	1 30	16 37	1 45	18 22	0 5	23 26	0 15	22 17	17 24	9 14	9 49	24 33		n.a.
F 5	12 50	1 36	1 26	21 1	2 2	5 55	1 57	2 54	0 39	1 44	1 30	16 36	1 45	18 23	0 5	23 26	0 15	22 17	17 24	9 15	9 50	24 35		n.a.
S 6	13 11	5s17	2 36	21 7	1 55	5 29	1 59	3 11	0 38	1 41	1 30	16 35	1 45	18 24	0 5	23 26	0 15	22 17	17 24	9 16	9 51	24 37		n.a.
S 7	13 32	12 5	3 38	21 10	1 47	5 2	2 1	3 29	0 38	1 39	1 30	16 34	1 45	18 25	0 5	23 26	0 15	22 17	17 23	9 19	9 52	24 39		n.a.
M 8	13 53	18 19	4 26	21 9	1 37	4 36	2 2	3 46	0 37	1 37	1 29	16 32	1 45	18 26	0 5	23 25	0 15	22 17	17 23	9 22	9 54	24 40		n.a.
T 9	14 13	23 26	4 55	21 5	1 27	4 9	2 4	4 3	0 37	1 34	1 29	16 31	1 45	18 27	0 5	23 25	0 15	22 17	17 23	9 25	9 55	24 42		n.a.
W10	14 33	26 56	5 3	20 58	1 14	3 41	2 5	4 20	0 36	1 32	1 29	16 30	1 45	18 27	0 5	23 25	0 15	22 17	17 23	9 29	9 56	24 44		n.a.
T 11	14 53	28 27	4 50	20 46	1 1	3 14	2 6	4 38	0 36	1 30	1 29	16 29	1 45	18 28	0 5	23 25	0 15	22 17	17 22	9 32	9 57	24 46		n.a.
F 12	15 13	27 56	4 19	20 31	0 45	2 47	2 8	4 55	0 35	1 28	1 28	16 27	1 45	18 29	0 5	23 25	0 15	22 17	17 22	9 35	9 58	24 47		n.a.
S 13	15 32	25 34	3 32	20 12	0 29	2 19	2 9	5 12	0 35	1 26	1 28	16 26	1 45	18 30	0 5	23 25	0 15	22 17	17 22	9 36	9 59	24 49		n.a.
S 14	15 51	21 45	2 34	19 49	0 11	1 51	2 10	5 30	0 34	1 24	1 28	16 25	1 45	18 31	0 5	23 25	0 15	22 17	17 21	9 37	10 1	24 51		n.a.
M15	16 10	16 56	1 29	19 21	0n 8	1 23	2 10	5 47	0 34	1 23	1 27	16 24	1 45	18 32	0 5	23 25	0 15	22 17	17 21	9 37	10 2	24 53		n.a.
T 16	16 29	11 29	0 22	18 50	0 28	0 55	2 11	6 4	0 33	1 21	1 27	16 22	1 44	18 33	0 4	23 24	0 15	22 17	17 21	9 37	10 3	24 54		n.a.
W17	16 47	5 41	0n45	18 16	0 48	0 27	2 12	6 21	0 33	1 19	1 27	16 21	1 44	18 34	0 4	23 24	0 15	22 17	17 20	9 37	10 4	24 56		n.a.
T 18	17 5	0n12	1 48	17 40	1 8	0s 2	2 12	6 38	0 32	1 18	1 26	16 20	1 44	18 35	0 4	23 24	0 15	22 16	17 20	9 38	10 5	24 58		n.a.
F 19	17 23	5 59	2 45	17 1	1 28	0 30	2 13	6 55	0 32	1 16	1 26	16 19	1 44	18 36	0 4	23 24	0 15	22 16	17 20	9 39	10 7	24 59		n.a.
S 20	17 40	11 29	3 34	16 21	1 47	0 59	2 13	7 12	0 31	1 15	1 26	16 17	1 44	18 37	0 4	23 24	0 15	22 16	17 19	9 42	10 8	25 1		n.a.
S 21	17 57	16 32	4 13	15 42	2 5	1 27	2 13	7 29	0 30	1 13	1 26	16 16	1 44	18 38	0 4	23 24	0 15	22 16	17 19	9 46	10 9	25 3		n.a.
M22	18 14	20 56	4 41	15 4	2 21	1 56	2 13	7 46	0 30	1 12	1 25	16 15	1 44	18 39	0 4	23 24	0 15	22 16	17 19	9 51	10 10	25 4		n.a.
T 23	18 30	24 28	4 56	14 29	2 34	2 24	2 13	8 3	0 29	1 11	1 25	16 13	1 44	18 40	0 4	23 23	0 15	22 16	17 18	9 56	10 11	25 6		n.a.
W24	18 46	26 58	4 59	13 57	2 46	2 53	2 13	8 20	0 29	1 10	1 25	16 12	1 44	18 41	0 4	23 23	0 15	22 16	17 18	10 2	10 12	25 8		n.a.
T 25	19 1	28 15	4 48	13 29	2 55	3 22	2 13	8 37	0 28	1 9	1 24	16 11	1 44	18 42	0 4	23 23	0 15	22 15	17 18	10 7	10 14	25 9		n.a.
F 26	19 17	28 14	4 25	13 5	3 2	3 50	2 12	8 53	0 27	1 8	1 24	16 10	1 44	18 43	0 4	23 23	0 15	22 15	17 17	10 11	10 15	25 11		n.a.
S 27	19 32	26 53	3 50	12 46	3 7	4 19	2 12	9 10	0 27	1 7	1 24	16 8	1 43	18 44	0 4	23 23	0 15	22 15	17 17	10 15	10 16	25 13		n.a.
S 28	19 46	24 15	3 4	12 33	3 9	4 47	2 11	9 27	0 26	1 6	1 23	16 7	1 43	18 44	0 4	23 23	0 15	22 15	17 16	10 17	10 17	25 14		n.a.
M29	20 1	20 29	2 9	12 24	3 10	5 16	2 11	9 43	0 26	1 5	1 23	16 6	1 43	18 45	0 4	23 22	0 15	22 14	17 16	10 18	10 18	25 16		n.a.
T 30	20s14	15n44	1n 6	12s20	3n 9	5s45	2n10	10s 0	0n25	1n 5	1s23	16n 5	1s43	18s46	0n 4	23s22	0s15	22s14	17s16	10s19	10s19	25n17		n.a.

Julian Day Number = 1312282.5, Delta T = 07h40m29s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'17, Lahiri = -19°25'16 Julian Calendar 1 Nov. 1121 BCE == Greg. Calendar 21 Oct. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1121 BCE
geocentric

DECEMBER 1121 BCE (-1120) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 58 14	29♏54'57	4♍ 1	10°D43	20♎41	27♎12	5°R46	18°R50	23♏ 8	13♑40	13°R54	3°R42	3♓37	29♉15	n.a.	W 1
T 2	4 2 11	0♐56'13	17°19	10♏46	21°54	27°56	5♈44	18♉45	23°11	13°42	13♓54	3♓41	3°34	29°22	n.a.	T 2
F 3	4 6 8	1°57'29	1♎ 5	10°56	23° 7	28°39	5°42	18°40	23°15	13°43	13°54	3°40	3°31	29°28	n.a.	F 3
S 4	4 10 4	2°58'45	15°21	11°14	24°20	29°22	5°40	18°36	23°19	13°45	13°54	3°35	3°27	29°35	n.a.	S 4
S 5	4 14 1	4° 0'01	0♏ 4	11°40	25°32	0♏ 6	5°39	18°31	23°22	13°47	13°54	3°28	3°24	29°42	n.a.	S 5
M 6	4 17 57	5° 1'16	15° 9	12°11	26°45	0°49	5°38	18°26	23°26	13°49	13°53	3°18	3°21	29°49	n.a.	M 6
T 7	4 21 54	6° 2'31	0♐29	12°48	27°58	1°33	5°37	18°21	23°29	13°51	13°53	3° 7	3°18	29°55	n.a.	T 7
W 8	4 25 50	7° 3'45	15°50	13°31	29°11	2°16	5°36	18°17	23°33	13°53	13°D53	2°55	3°15	0♊ 2	n.a.	W 8
T 9	4 29 47	8° 4'59	1♑ 2	14°18	0♏24	3° 0	5°36	18°12	23°36	13°55	13°53	2°44	3°12	0° 9	n.a.	T 9
F 10	4 33 43	9° 6'12	15°54	15° 9	1°37	3°43	5°36	18° 8	23°40	13°57	13°53	2°35	3° 8	0°16	n.a.	F 10
S 11	4 37 40	10° 7'23	0♒19	16° 4	2°50	4°27	5°D36	18° 3	23°43	13°59	13°54	2°30	3° 5	0°22	n.a.	S 11
S 12	4 41 37	11° 8'34	14°15	17° 2	4° 3	5°10	5°36	17°59	23°47	14° 1	13°54	2°27	3° 2	0°29	n.a.	S 12
M13	4 45 33	12° 9'44	27°40	18° 3	5°16	5°54	5°36	17°55	23°50	14° 3	13°54	2°D26	2°59	0°36	n.a.	M13
T 14	4 49 30	13°10'52	10♓39	19° 7	6°30	6°38	5°37	17°50	23°54	14° 5	13°54	2°R26	2°56	0°42	n.a.	T 14
W15	4 53 26	14°11'59	23°15	20°13	7°43	7°21	5°38	17°46	23°57	14° 7	13°54	2°25	2°53	0°49	n.a.	W15
T 16	4 57 23	15°13'05	5♈34	21°22	8°56	8° 5	5°39	17°42	24° 1	14° 9	13°54	2°24	2°49	0°56	n.a.	T 16
F 17	5 1 19	16°14'09	17°40	22°33	10° 9	8°49	5°40	17°38	24° 4	14°11	13°54	2°19	2°46	1° 3	n.a.	F 17
S 18	5 5 16	17°15'12	29°38	23°45	11°23	9°33	5°41	17°34	24° 8	14°13	13°55	2°13	2°43	1° 9	n.a.	S 18
S 19	5 9 13	18°16'15	11♉31	24°59	12°36	10°17	5°43	17°30	24°11	14°15	13°55	2° 3	2°40	1°16	n.a.	S 19
M20	5 13 9	19°17'15	23°23	26°15	13°49	11° 0	5°44	17°26	24°14	14°17	13°55	1°51	2°37	1°23	n.a.	M20
T 21	5 17 6	20°18'15	5♊15	27°33	15° 3	11°44	5°46	17°22	24°18	14°19	13°55	1°37	2°33	1°30	n.a.	T 21
W22	5 21 2	21°19'14	17°10	28°51	16°16	12°28	5°49	17°19	24°21	14°21	13°56	1°23	2°30	1°36	n.a.	W22
T 23	5 24 59	22°20'11	29° 8	0♐11	17°29	13°12	5°51	17°15	24°24	14°23	13°56	1°10	2°27	1°43	n.a.	T 23
F 24	5 28 55	23°21'07	11♋11	1°32	18°43	13°56	5°54	17°11	24°28	14°25	13°56	0°58	2°24	1°50	n.a.	F 24
S 25	5 32 52	24°22'02	23°19	2°54	19°56	14°40	5°56	17° 8	24°31	14°28	13°57	0°50	2°21	1°56	n.a.	S 25
S 26	5 36 48	25°22'55	5♌36	4°18	21°10	15°24	5°59	17° 5	24°34	14°30	13°57	0°44	2°18	2° 3	n.a.	S 26
M27	5 40 45	26°23'48	18° 2	5°42	22°23	16° 8	6° 2	17° 1	24°37	14°32	13°57	0°41	2°14	2°10	n.a.	M27
T 28	5 44 42	27°24'39	0♍41	7° 7	23°37	16°53	6° 6	16°58	24°40	14°34	13°58	0°D40	2°11	2°17	n.a.	T 28
W29	5 48 38	28°25'29	13°36	8°34	24°51	17°37	6° 9	16°55	24°44	14°36	13°58	0°41	2° 8	2°23	n.a.	W29
T 30	5 52 35	29°26'18	26°51	10° 1	26° 4	18°21	6°13	16°52	24°47	14°39	13°59	0°R41	2° 5	2°30	n.a.	T 30
F 31	5 56 31	0♑27'06	10♎28	11♐29	27♏18	19♏ 5	6♈17	16♉49	24♏50	14♑41	13♓59	0♓41	2♓ 2	2♊37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s28	10n10	0s 2	12s20	3n 7	6s13	2n 9	10s16	0n24	1n 4	1s22	16n 4	1s43	18s47	0n 4	23s22	0s15	22s14	17s15	10s19	10s21	25n19			n.a.
T 2	20 41	4 0	1 11	12 24	3 3	6 41	2 8	10 32	0 24	1 4	1 22	16 2	1 43	18 48	0 4	23 22	0 15	22 14	17 15	10 19	10 22	25 21			n.a.
F 3	20 53	2s34	2 19	12 32	2 58	7 10	2 7	10 49	0 23	1 3	1 22	16 1	1 43	18 49	0 4	23 22	0 15	22 13	17 15	10 20	10 23	25 22			n.a.
S 4	21 6	9 13	3 21	12 43	2 53	7 38	2 6	11 5	0 23	1 3	1 21	16 0	1 43	18 50	0 4	23 22	0 15	22 13	17 14	10 21	10 24	25 24			n.a.
S 5	21 18	15 35	4 11	12 57	2 46	8 6	2 5	11 21	0 22	1 3	1 21	15 59	1 42	18 51	0 4	23 21	0 15	22 13	17 14	10 24	10 25	25 25			n.a.
M 6	21 29	21 11	4 45	13 13	2 40	8 33	2 4	11 37	0 21	1 3	1 21	15 58	1 42	18 52	0 4	23 21	0 15	22 12	17 14	10 27	10 26	25 27			n.a.
T 7	21 40	25 27	4 59	13 31	2 32	9 1	2 3	11 53	0 21	1 3	1 20	15 56	1 42	18 53	0 4	23 21	0 15	22 12	17 13	10 32	10 28	25 29			n.a.
W 8	21 51	27 54	4 52	13 51	2 24	9 29	2 1	12 9	0 20	1 3	1 20	15 55	1 42	18 54	0 4	23 21	0 15	22 12	17 13	10 36	10 29	25 30			n.a.
T 9	22 1	28 14	4 24	14 13	2 16	9 56	2 0	12 24	0 19	1 3	1 20	15 54	1 42	18 55	0 4	23 21	0 15	22 11	17 12	10 40	10 30	25 32			n.a.
F 10	22 11	26 29	3 39	14 36	2 8	10 23	1 58	12 40	0 19	1 3	1 19	15 53	1 42	18 56	0 4	23 20	0 15	22 11	17 12	10 43	10 31	25 33			n.a.
S 11	22 20	23 1	2 41	15 0	2 0	10 50	1 56	12 56	0 18	1 3	1 19	15 52	1 41	18 56	0 4	23 20	0 15	22 11	17 12	10 45	10 32	25 35			n.a.
S 12	22 29	18 20	1 35	15 25	1 51	11 17	1 55	13 11	0 17	1 4	1 19	15 51	1 41	18 57	0 4	23 20	0 15	22 10	17 11	10 46	10 33	25 36			n.a.
M13	22 37	12 52	0 25	15 51	1 42	11 43	1 53	13 27	0 17	1 4	1 18	15 50	1 41	18 58	0 4	23 20	0 15	22 10	17 11	10 47	10 35	25 38			n.a.
T 14	22 45	7 2	0n43	16 17	1 33	12 9	1 51	13 42	0 16	1 5	1 18	15 49	1 41	18 59	0 4	23 20	0 15	22 10	17 11	10 47	10 36	25 39			n.a.
W15	22 53	1 4	1 48	16 44	1 25	12 35	1 49	13 57	0 15	1 5	1 18	15 48	1 41	19 0	0 4	23 19	0 15	22 9	17 10	10 47	10 37	25 41			n.a.
T 16	23 0	4n46	2 46	17 11	1 16	13 1	1 47	14 12	0 15	1 6	1 17	15 47	1 40	19 1	0 4	23 19	0 15	22 9	17 10	10 47	10 38	25 42			n.a.
F 17	23 6	10 21	3 35	17 38	1 7	13 26	1 45	14 27	0 14	1 7	1 17	15 46	1 40	19 2	0 4	23 19	0 15	22 8	17 9	10 49	10 39	25 44			n.a.
S 18	23 12	15 28	4 14	18 5	0 58	13 51	1 43	14 42	0 13	1 8	1 17	15 45	1 40	19 3	0 4	23 19	0 15	22 8	17 9	10 51	10 40	25 45			n.a.
S 19	23 18	19 59	4 42	18 31	0 50	14 16	1 41	14 57	0 12	1 8	1 16	15 44	1 40	19 3	0 4	23 19	0 15	22 8	17 9	10 55	10 42	25 47			n.a.
M20	23 23	23 43	4 57	18 58	0 41	14 40	1 39	15 11	0 12	1 9	1 16	15 43	1 40	19 4	0 4	23 18	0 15	22 7	17 8	10 59	10 43	25 48			n.a.
T 21	23 28	26 26	5 0	19 24	0 33	15 5	1 37	15 26	0 11	1 11	1 16	15 42	1 40	19 5	0 4	23 18	0 15	22 7	17 8	11 4	10 44	25 50			n.a.
W22	23 32	28 0	4 49	19 50	0 24	15 28	1 34	15 40	0 10	1 12	1 15	15 41	1 39	19 6	0 4	23 18	0 15	22 6	17 8	11 9	10 45	25 51			n.a.
T 23	23 36	28 16	4 26	20 15	0 16	15 52	1 32	15 54	0 10	1 13	1 15	15 41	1 39	19 7	0 4	23 18	0 15	22 6	17 7	11 14	10 46	25 52			n.a.
F 24	23 40	27 11	3 51	20 40	0 8	16 14	1 30	16 8	0 9	1 14	1 15	15 40	1 39	19 8	0 4	23 17	0 15	22 5	17 7	11 18	10 47	25 54			n.a.
S 25	23 42	24 48	3 5	21 5	0 0	16 37	1 27	16 22	0 8	1 16	1 14	15 39	1 39	19 8	0 4	23 17	0 15	22 5	17 7	11 21	10 48	25 55			n.a.
S 26	23 45	21 16	2 9	21 28	0s 8	16 59	1 25	16 36	0 7	1 17	1 14	15 38	1 38	19 9	0 4	23 17	0 15	22 4	17 6	11 24	10 50	25 57			n.a.
M27	23 47	16 44	1 7	21 51	0 15	17 21	1 22	16 50	0 7	1 19	1 14	15 38	1 38	19 10	0 4	23 17	0 15	22 4	17 6	11 25	10 51	25 58			n.a.
T 28	23 48	11 25	0s 0	22 14	0 23	17 42	1 20	17 3	0 6	1 21	1 13	15 37	1 38	19 11	0 4	23 17	0 15	22 3	17 5	11 25	10 52	26 0			n.a.
W29	23 49	5 30	1 8	22 35	0 30	18 3	1 17	17 17	0 5	1 22	1 13	15 36	1 38	19 12	0 4	23 16	0 15	22 3	17 5	11 25	10 53	26 1			n.a.
T 30	23 50	0s47	2 15	22 55	0 37	18 23	1 14	17 30	0 4	1 24	1 13	15 35	1 38	19 12	0 4	23 16	0 15	22 2	17 5	11 25	10 54	26 2			n.a.
F 31	23s50	7s12	3s16	23s15	0s44	18s43	1n12	17s43	0n 4	1n26	1s12	15n35	1s37	19s13	0n 4	23s16	0s15	22s 2	17s 4	11s25	10s55	26n 4			n.a.

Julian Day Number = 1312312.5, Delta T = 07h40m27s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'13, Lahiri = -19°25'12 Julian Calendar 1 Dec. 1121 BCE == Greg. Calendar 20 Nov. 1121 BCE

The year -1120 astronomical counting style corresponds to year 1121 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

JANUARY 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 28	1♉27'53	24♎29	12♐58	28♏31	19♏49	6♈21	16°R46	24♏53	14♉43	14♓ 0	0°R38	1♓59	2♊43	n.a.	S 1
S 2	6 4 24	2°28'38	8♏55	14°28	29°45	20°34	6°25	16♉44	24°56	14°45	14° 0	0♓34	1°55	2°50	n.a.	S 2
M 3	6 8 21	3°29'22	23°42	15°58	0♐59	21°18	6°30	16°41	24°59	14°47	14° 1	0°27	1°52	2°57	n.a.	M 3
T 4	6 12 17	4°30'05	8♐44	17°30	2°12	22° 2	6°35	16°38	25° 2	14°50	14° 1	0°18	1°49	3° 4	n.a.	T 4
W 5	6 16 14	5°30'47	23°53	19° 3	3°26	22°47	6°39	16°36	25° 5	14°52	14° 2	0° 9	1°46	3°10	n.a.	W 5
T 6	6 20 11	6°31'27	8♑58	20°36	4°40	23°31	6°44	16°34	25° 8	14°54	14° 3	0° 1	1°43	3°17	n.a.	T 6
F 7	6 24 7	7°32'05	23°49	22°10	5°53	24°16	6°50	16°32	25°11	14°56	14° 3	29♒55	1°40	3°24	n.a.	F 7
S 8	6 28 4	8°32'42	8♒19	23°45	7° 7	25° 0	6°55	16°29	25°14	14°59	14° 4	29°50	1°36	3°31	n.a.	S 8
S 9	6 32 0	9°33'16	22°21	25°21	8°21	25°44	7° 0	16°27	25°17	15° 1	14° 5	29°48	1°33	3°37	n.a.	S 9
M10	6 35 57	10°33'49	5♓55	26°58	9°34	26°29	7° 6	16°26	25°19	15° 3	14° 5	29°D48	1°30	3°44	n.a.	M10
T 11	6 39 53	11°34'20	19° 2	28°35	10°48	27°13	7°12	16°24	25°22	15° 6	14° 6	29°49	1°27	3°51	n.a.	T 11
W12	6 43 50	12°34'48	1♈45	0♉14	12° 2	27°58	7°18	16°22	25°25	15° 8	14° 7	29°50	1°24	3°57	n.a.	W12
T 13	6 47 47	13°35'14	14° 8	1°53	13°15	28°43	7°24	16°21	25°28	15°10	14° 8	29°R51	1°20	4° 4	n.a.	T 13
F 14	6 51 43	14°35'39	26°16	3°34	14°29	29°27	7°31	16°19	25°30	15°12	14° 8	29°50	1°17	4°11	n.a.	F 14
S 15	6 55 40	15°36'01	8♉14	5°15	15°43	0♐12	7°37	16°18	25°33	15°15	14° 9	29°47	1°14	4°18	n.a.	S 15
S 16	6 59 36	16°36'21	20° 6	6°58	16°57	0°56	7°44	16°16	25°36	15°17	14°10	29°42	1°11	4°24	n.a.	S 16
M17	7 3 33	17°36'39	1♊58	8°41	18°10	1°41	7°51	16°15	25°38	15°19	14°11	29°36	1° 8	4°31	n.a.	M17
T 18	7 7 29	18°36'55	13°51	10°25	19°24	2°26	7°58	16°14	25°41	15°22	14°12	29°29	1° 5	4°38	n.a.	T 18
W19	7 11 26	19°37'09	25°49	12°10	20°38	3°10	8° 5	16°13	25°43	15°24	14°13	29°21	1° 1	4°45	n.a.	W19
T 20	7 15 22	20°37'21	7♋53	13°57	21°51	3°55	8°12	16°13	25°46	15°26	14°13	29°13	0°58	4°51	n.a.	T 20
F 21	7 19 19	21°37'31	20° 6	15°44	23° 5	4°40	8°20	16°12	25°48	15°28	14°14	29° 7	0°55	4°58	n.a.	F 21
S 22	7 23 16	22°37'39	2♌28	17°32	24°19	5°25	8°27	16°11	25°50	15°31	14°15	29° 2	0°52	5° 5	n.a.	S 22
S 23	7 27 12	23°37'45	15° 0	19°22	25°33	6° 9	8°35	16°11	25°53	15°33	14°16	28°59	0°49	5°11	n.a.	S 23
M24	7 31 9	24°37'49	27°43	21°12	26°46	6°54	8°43	16°11	25°55	15°35	14°17	28°D58	0°46	5°18	n.a.	M24
T 25	7 35 5	25°37'51	10♍38	23° 3	28° 0	7°39	8°51	16°10	25°57	15°37	14°18	28°59	0°42	5°25	n.a.	T 25
W26	7 39 2	26°37'51	23°46	24°56	29°14	8°24	8°59	16°10	26° 0	15°40	14°19	29° 0	0°39	5°32	n.a.	W26
T 27	7 42 58	27°37'49	7♎ 9	26°49	0♑28	9° 9	9° 7	16°D10	26° 2	15°42	14°20	29° 2	0°36	5°38	n.a.	T 27
F 28	7 46 55	28°37'46	20°48	28°44	1°41	9°54	9°16	16°10	26° 4	15°44	14°21	29° 3	0°33	5°45	n.a.	F 28
S 29	7 50 51	29°37'41	4♏44	0♒39	2°55	10°39	9°24	16°11	26° 6	15°46	14°22	29°R 3	0°30	5°52	n.a.	S 29
S 30	7 54 48	0♒37'34	18°57	2°35	4° 9	11°24	9°33	16°11	26° 8	15°49	14°23	29° 2	0°26	5°59	n.a.	S 30
M31	7 58 45	1♒37'25	3♐23	4♒32	5♑23	12♐ 9	9♈42	16♉11	26♏10	15♑51	14♓24	29♒ 0	0♓23	6♊ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	13s27	4s 7	23s33	0s50	19s 2	1n 9	17s56	0n 3	1n28	1s12	15n34	1s37	19s14	0n 4	23s16	0s16	22s 1	17s 4	11s26	10s57	26n 5		n.a.
S 2	23 48	19 10	4 43	23 51	0 57	19 21	1 6	18 9	0 2	1 30	1 12	15 34	1 37	19 15	0 4	23 15	0 16	22 1	17 4	11 27	10 58	26 6		n.a.
M 3	23 47	23 53	5 3	24 7	1 3	19 39	1 3	18 22	0 1	1 32	1 11	15 33	1 37	19 15	0 4	23 15	0 16	22 0	17 3	11 30	10 59	26 8		n.a.
T 4	23 45	27 5	5 1	24 22	1 9	19 57	1 1	18 34	0 0	1 34	1 11	15 33	1 36	19 16	0 4	23 15	0 16	22 0	17 3	11 33	11 0	26 9		n.a.
W 5	23 43	28 20	4 39	24 36	1 14	20 14	0 58	18 46	0s 0	1 36	1 11	15 32	1 36	19 17	0 4	23 15	0 16	21 59	17 3	11 36	11 1	26 10		n.a.
T 6	23 40	27 28	3 58	24 49	1 20	20 31	0 55	18 59	0 1	1 39	1 10	15 32	1 36	19 18	0 4	23 14	0 16	21 59	17 2	11 39	11 2	26 12		n.a.
F 7	23 37	24 39	3 1	25 0	1 25	20 47	0 52	19 11	0 2	1 41	1 10	15 31	1 36	19 18	0 4	23 14	0 16	21 58	17 2	11 41	11 3	26 13		n.a.
S 8	23 33	20 18	1 53	25 10	1 29	21 3	0 49	19 22	0 3	1 43	1 10	15 31	1 35	19 19	0 4	23 14	0 16	21 57	17 2	11 43	11 5	26 14		n.a.
S 9	23 29	14 55	0 40	25 19	1 34	21 18	0 46	19 34	0 4	1 46	1 9	15 31	1 35	19 20	0 4	23 14	0 16	21 57	17 1	11 44	11 6	26 16		n.a.
M10	23 24	8 59	0n33	25 26	1 38	21 32	0 44	19 45	0 4	1 49	1 9	15 30	1 35	19 20	0 4	23 13	0 16	21 56	17 1	11 44	11 7	26 17		n.a.
T 11	23 19	2 51	1 42	25 31	1 42	21 46	0 41	19 57	0 5	1 51	1 9	15 30	1 35	19 21	0 4	23 13	0 16	21 56	17 1	11 43	11 8	26 18		n.a.
W12	23 13	3n12	2 44	25 35	1 46	21 59	0 38	20 8	0 6	1 54	1 9	15 30	1 34	19 22	0 4	23 13	0 16	21 55	17 0	11 43	11 9	26 20		n.a.
T 13	23 7	8 58	3 36	25 38	1 49	22 11	0 35	20 19	0 7	1 57	1 8	15 30	1 34	19 22	0 4	23 13	0 16	21 55	17 0	11 43	11 10	26 21		n.a.
F 14	23 1	14 17	4 17	25 39	1 52	22 23	0 32	20 29	0 8	1 59	1 8	15 29	1 34	19 23	0 4	23 12	0 16	21 54	17 0	11 43	11 12	26 22		n.a.
S 15	22 54	19 0	4 47	25 38	1 54	22 34	0 29	20 40	0 9	2 2	1 8	15 29	1 34	19 24	0 4	23 12	0 16	21 53	16 59	11 44	11 13	26 23		n.a.
S 16	22 47	22 56	5 4	25 35	1 56	22 45	0 26	20 50	0 9	2 5	1 7	15 29	1 33	19 24	0 4	23 12	0 16	21 53	16 59	11 46	11 14	26 25		n.a.
M17	22 39	25 55	5 8	25 30	1 58	22 54	0 23	21 0	0 10	2 8	1 7	15 29	1 33	19 25	0 4	23 12	0 16	21 52	16 59	11 48	11 15	26 26		n.a.
T 18	22 31	27 47	4 59	25 24	2 0	23 4	0 20	21 10	0 11	2 11	1 7	15 29	1 33	19 26	0 4	23 11	0 16	21 51	16 58	11 51	11 16	26 27		n.a.
W19	22 22	28 22	4 37	25 16	2 1	23 12	0 17	21 20	0 12	2 14	1 6	15 29	1 33	19 26	0 4	23 11	0 16	21 51	16 58	11 53	11 17	26 28		n.a.
T 20	22 13	27 37	4 2	25 6	2 1	23 20	0 15	21 29	0 13	2 18	1 6	15 29	1 32	19 27	0 4	23 11	0 16	21 50	16 58	11 56	11 18	26 30		n.a.
F 21	22 4	25 31	3 15	24 53	2 1	23 27	0 12	21 39	0 14	2 21	1 6	15 29	1 32	19 27	0 4	23 11	0 16	21 50	16 58	11 58	11 20	26 31		n.a.
S 22	21 54	22 11	2 19	24 39	2 1	23 34	0 9	21 48	0 15	2 24	1 6	15 29	1 32	19 28	0 4	23 10	0 16	21 49	16 57	12 0	11 21	26 32		n.a.
S 23	21 43	17 48	1 15	24 23	2 0	23 39	0 6	21 57	0 15	2 28	1 5	15 29	1 32	19 29	0 4	23 10	0 16	21 48	16 57	12 1	11 22	26 33		n.a.
M24	21 33	12 34	0 7	24 5	1 59	23 44	0 3	22 5	0 16	2 31	1 5	15 29	1 31	19 29	0 4	23 10	0 16	21 48	16 57	12 1	11 23	26 35		n.a.
T 25	21 22	6 44	1s 3	23 44	1 57	23 49	0 0	22 14	0 17	2 34	1 5	15 30	1 31	19 30	0 4	23 10	0 16	21 47	16 56	12 1	11 24	26 36		n.a.
W26	21 10	0 31	2 11	23 22	1 54	23 52	0s 2	22 22	0 18	2 38	1 5	15 30	1 31	19 30	0 4	23 9	0 16	21 46	16 56	12 0	11 25	26 37		n.a.
T 27	20 58	5s50	3 14	22 57	1 51	23 55	0 5	22 30	0 19	2 41	1 4	15 30	1 31	19 31	0 4	23 9	0 16	21 46	16 56	12 0	11 26	26 38		n.a.
F 28	20 46	12 2	4 6	22 30	1 48	23 57	0 8	22 38	0 20	2 45	1 4	15 30	1 30	19 31	0 4	23 9	0 16	21 45	16 56	12 0	11 28	26 39		n.a.
S 29	20 34	17 47	4 45	22 2	1 44	23 59	0 11	22 45	0 21	2 49	1 4	15 31	1 30	19 32	0 4	23 9	0 16	21 44	16 55	11 59	11 29	26 40		n.a.
S 30	20 21	22 40	5 8	21 31	1 39	23 59	0 13	22 52	0 22	2 52	1 3	15 31	1 30	19 32	0 4	23 8	0 16	21 44	16 55	12 0	11 30	26 42		n.a.
M31	20s 7	26s16	5s12	20s57	1s34	23s59	0s16	22s59	0s23	2n56	1s 3	15n31	1s30	19s33	0n 4	23s 8	0s16	21s43	16s55	12s 1	11s31	26n43		n.a.

Julian Day Number = 1312343.5, Delta T = 07h40m25s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'09, Lahiri = -19°25'08 Julian Calendar 1 Jan. 1120 BCE == Greg. Calendar 21 Dec. 1121 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

FEBRUARY 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 41	2♒37'15	18♐ 1	6♒29	6♑36	12♐54	9♈51	16♉12	26♏12	15♑53	14♓25	28°R56	0♓20	6♊12	n.a.	T 1
W 2	8 6 38	3°37'03	2♑44	8°27	7°50	13°39	10° 0	16°13	26°14	15°55	14°27	28♒53	0°17	6°19	n.a.	W 2
T 3	8 10 34	4°36'49	17°25	10°26	9° 4	14°24	10° 9	16°13	26°16	15°57	14°28	28°49	0°14	6°25	n.a.	T 3
F 4	8 14 31	5°36'32	1♒57	12°24	10°18	15° 9	10°18	16°14	26°18	16° 0	14°29	28°47	0°11	6°32	n.a.	F 4
S 5	8 18 27	6°36'14	16°13	14°23	11°31	15°54	10°28	16°15	26°19	16° 2	14°30	28°45	0° 7	6°39	n.a.	S 5
S 6	8 22 24	7°35'53	0♓10	16°21	12°45	16°39	10°37	16°16	26°21	16° 4	14°31	28°D44	0° 4	6°46	n.a.	S 6
M 7	8 26 20	8°35'30	13°43	18°19	13°59	17°24	10°47	16°18	26°23	16° 6	14°32	28°45	0° 1	6°52	n.a.	M 7
T 8	8 30 17	9°35'05	26°53	20°16	15°13	18° 9	10°57	16°19	26°24	16° 8	14°33	28°46	29♒58	6°59	n.a.	T 8
W 9	8 34 13	10°34'37	9♈41	22°11	16°26	18°54	11° 7	16°20	26°26	16°10	14°35	28°48	29°55	7° 6	n.a.	W 9
T 10	8 38 10	11°34'06	22° 8	24° 5	17°40	19°39	11°17	16°22	26°27	16°12	14°36	28°49	29°51	7°13	n.a.	T 10
F 11	8 42 7	12°33'34	4♉20	25°57	18°54	20°24	11°27	16°24	26°29	16°14	14°37	28°50	29°48	7°19	n.a.	F 11
S 12	8 46 3	13°32'59	16°21	27°47	20° 8	21° 9	11°37	16°25	26°30	16°17	14°38	28°R50	29°45	7°26	n.a.	S 12
S 13	8 50 0	14°32'21	28°16	29°33	21°21	21°54	11°47	16°27	26°32	16°19	14°39	28°50	29°42	7°33	n.a.	S 13
M14	8 53 56	15°31'41	10♊ 8	1♓17	22°35	22°39	11°58	16°29	26°33	16°21	14°41	28°48	29°39	7°39	n.a.	M14
T 15	8 57 53	16°30'59	22° 2	2°57	23°49	23°24	12° 8	16°31	26°34	16°23	14°42	28°47	29°36	7°46	n.a.	T 15
W16	9 1 49	17°30'14	4♋ 3	4°32	25° 2	24°10	12°19	16°34	26°36	16°25	14°43	28°45	29°32	7°53	n.a.	W16
T 17	9 5 46	18°29'27	16°13	6° 3	26°16	24°55	12°30	16°36	26°37	16°27	14°44	28°44	29°29	8° 0	n.a.	T 17
F 18	9 9 42	19°28'38	28°36	7°29	27°30	25°40	12°41	16°38	26°38	16°29	14°46	28°42	29°26	8° 6	n.a.	F 18
S 19	9 13 39	20°27'46	11♌11	8°49	28°43	26°25	12°51	16°41	26°39	16°31	14°47	28°42	29°23	8°13	n.a.	S 19
S 20	9 17 36	21°26'52	24° 1	10° 4	29°57	27°10	13° 2	16°44	26°40	16°33	14°48	28°D41	29°20	8°20	n.a.	S 20
M21	9 21 32	22°25'56	7♍ 6	11°13	1♒11	27°55	13°14	16°46	26°41	16°35	14°50	28°41	29°17	8°26	n.a.	M21
T 22	9 25 29	23°24'58	20°25	12°16	2°24	28°41	13°25	16°49	26°42	16°37	14°51	28°42	29°13	8°33	n.a.	T 22
W23	9 29 25	24°23'57	3♎57	13°12	3°38	29°26	13°36	16°52	26°43	16°38	14°52	28°42	29°10	8°40	n.a.	W23
T 24	9 33 22	25°22'55	17°41	14° 2	4°52	0♑11	13°47	16°55	26°44	16°40	14°53	28°42	29° 7	8°47	n.a.	T 24
F 25	9 37 18	26°21'50	1♏35	14°45	6° 5	0°56	13°59	16°58	26°45	16°42	14°55	28°43	29° 4	8°53	n.a.	F 25
S 26	9 41 15	27°20'44	15°38	15°21	7°19	1°41	14°10	17° 2	26°45	16°44	14°56	28°43	29° 1	9° 0	n.a.	S 26
S 27	9 45 11	28°19'37	29°48	15°50	8°33	2°27	14°22	17° 5	26°46	16°46	14°58	28°43	28°57	9° 7	n.a.	S 27
M28	9 49 8	29♒18'27	14♐ 3	16♓13	9♒47	3♑12	14♈34	17♉ 8	26♏47	16♑48	14♓59	28♒43	28♒54	9♊14	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s54	28s11	4s56	20s22	1s28	23s58	0s19	23s 6	0s24	3n 0	1s 3	15n32	1s29	19s33	0n 4	23s 8	0s16	21s42	16s55	12s 2	11s32	26n44		n.a.
W 2	19 40	28 8	4 20	19 45	1 21	23 57	0 21	23 13	0 24	3 4	1 3	15 32	1 29	19 34	0 4	23 8	0 16	21 42	16 54	12 3	11 33	26 45		n.a.
T 3	19 25	26 6	3 28	19 6	1 14	23 55	0 24	23 19	0 25	3 8	1 2	15 33	1 29	19 34	0 4	23 7	0 16	21 41	16 54	12 4	11 34	26 46		n.a.
F 4	19 11	22 21	2 22	18 25	1 6	23 52	0 27	23 25	0 26	3 12	1 2	15 33	1 29	19 35	0 4	23 7	0 16	21 41	16 54	12 5	11 36	26 47		n.a.
S 5	18 56	17 19	1 8	17 42	0 58	23 48	0 29	23 31	0 27	3 16	1 2	15 34	1 28	19 35	0 4	23 7	0 16	21 40	16 54	12 6	11 37	26 48		n.a.
S 6	18 40	11 28	0n 8	16 58	0 49	23 44	0 32	23 37	0 28	3 20	1 2	15 34	1 28	19 35	0 4	23 7	0 16	21 39	16 53	12 6	11 38	26 49		n.a.
M 7	18 25	5 15	1 22	16 12	0 39	23 39	0 34	23 42	0 29	3 24	1 1	15 35	1 28	19 36	0 4	23 6	0 16	21 39	16 53	12 6	11 39	26 51		n.a.
T 8	18 9	1n 1	2 29	15 25	0 29	23 33	0 36	23 47	0 30	3 28	1 1	15 35	1 28	19 36	0 4	23 6	0 16	21 38	16 53	12 5	11 40	26 52		n.a.
W 9	17 52	7 3	3 27	14 37	0 18	23 26	0 39	23 52	0 31	3 32	1 1	15 36	1 27	19 37	0 4	23 6	0 16	21 37	16 53	12 5	11 41	26 53		n.a.
T 10	17 36	12 40	4 13	13 49	0 6	23 19	0 41	23 57	0 32	3 36	1 1	15 37	1 27	19 37	0 4	23 6	0 16	21 37	16 53	12 4	11 42	26 54		n.a.
F 11	17 19	17 40	4 47	12 59	0n 5	23 11	0 43	24 1	0 33	3 40	1 0	15 38	1 27	19 37	0 4	23 5	0 16	21 36	16 52	12 4	11 43	26 55		n.a.
S 12	17 2	21 54	5 8	12 10	0 17	23 3	0 46	24 6	0 34	3 45	1 0	15 38	1 27	19 38	0 4	23 5	0 16	21 35	16 52	12 4	11 45	26 56		n.a.
S 13	16 44	25 13	5 16	11 21	0 30	22 53	0 48	24 9	0 35	3 49	1 0	15 39	1 26	19 38	0 4	23 5	0 16	21 35	16 52	12 4	11 46	26 57		n.a.
M14	16 27	27 26	5 10	10 32	0 43	22 43	0 50	24 13	0 36	3 53	1 0	15 40	1 26	19 38	0 4	23 5	0 16	21 34	16 52	12 5	11 47	26 58		n.a.
T 15	16 9	28 25	4 50	9 44	0 56	22 33	0 52	24 16	0 37	3 58	1 0	15 41	1 26	19 39	0 4	23 4	0 16	21 33	16 52	12 5	11 48	26 59		n.a.
W16	15 50	28 4	4 18	8 56	1 9	22 21	0 54	24 20	0 38	4 2	0 59	15 42	1 26	19 39	0 4	23 4	0 16	21 33	16 51	12 6	11 49	27 0		n.a.
T 17	15 32	26 22	3 34	8 11	1 22	22 9	0 56	24 22	0 39	4 7	0 59	15 43	1 25	19 39	0 4	23 4	0 16	21 32	16 51	12 6	11 50	27 1		n.a.
F 18	15 13	23 22	2 39	7 27	1 35	21 57	0 58	24 25	0 40	4 11	0 59	15 43	1 25	19 40	0 4	23 4	0 16	21 31	16 51	12 7	11 51	27 2		n.a.
S 19	14 54	19 14	1 35	6 44	1 47	21 44	1 0	24 27	0 41	4 16	0 59	15 44	1 25	19 40	0 4	23 4	0 16	21 31	16 51	12 7	11 53	27 3		n.a.
S 20	14 35	14 8	0 26	6 4	2 0	21 30	1 2	24 29	0 41	4 20	0 58	15 45	1 25	19 40	0 4	23 3	0 16	21 30	16 51	12 7	11 54	27 4		n.a.
M21	14 16	8 20	0s46	5 27	2 12	21 15	1 3	24 31	0 42	4 25	0 58	15 46	1 24	19 40	0 4	23 3	0 16	21 29	16 51	12 7	11 55	27 5		n.a.
T 22	13 56	2 4	1 58	4 52	2 23	21 0	1 5	24 33	0 43	4 29	0 58	15 47	1 24	19 41	0 4	23 3	0 16	21 29	16 51	12 7	11 56	27 6		n.a.
W23	13 36	4s23	3 3	4 20	2 34	20 44	1 7	24 34	0 44	4 34	0 58	15 49	1 24	19 41	0 4	23 3	0 16	21 28	16 50	12 7	11 57	27 7		n.a.
T 24	13 16	10 43	3 59	3 52	2 44	20 28	1 8	24 35	0 45	4 39	0 58	15 50	1 24	19 41	0 4	23 2	0 16	21 27	16 50	12 7	11 58	27 8		n.a.
F 25	12 56	16 37	4 42	3 26	2 54	20 11	1 10	24 36	0 46	4 43	0 57	15 51	1 23	19 41	0 4	23 2	0 16	21 27	16 50	12 7	11 59	27 9		n.a.
S 26	12 36	21 42	5 9	3 4	3 2	19 54	1 11	24 37	0 47	4 48	0 57	15 52	1 23	19 41	0 4	23 2	0 16	21 26	16 50	12 7	12 0	27 10		n.a.
S 27	12 15	25 35	5 17	2 46	3 10	19 35	1 13	24 37	0 48	4 53	0 57	15 53	1 23	19 41	0 4	23 2	0 16	21 25	16 50	12 7	12 2	27 11		n.a.
M28	11s54	27s55	5s 6	2s31	3n16	19s17	1s14	24s37	0s49	4n57	0s57	15n54	1s23	19s42	0n 4	23s 2	0s16	21s25	16s50	12s 7	12s 3	27n12		n.a.

Julian Day Number = 1312374.5, Delta T = 07h40m24s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'04, Lahiri = -19°25'04 Julian Calendar 1 Feb. 1120 BCE == Greg. Calendar 21 Jan. 1120 BCE

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

MARCH 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 53 4	0♓17'15	28♐20	16♓28	11♒ 0	3♑57	14♈45	17♉12	26♏47	16♑49	15♓ 0	28♒43	28♒51	9♊20	n.a.	T 1
W 2	9 57 1	1°16'02	12♑36	16°37	12°14	4°42	14°57	17°15	26°48	16°51	15° 2	28°43	28°48	9°27	n.a.	W 2
T 3	10 0 58	2°14'47	26°48	16°R39	13°28	5°27	15° 9	17°19	26°48	16°53	15° 3	28°43	28°45	9°34	n.a.	T 3
F 4	10 4 54	3°13'30	10♒52	16°34	14°41	6°13	15°21	17°23	26°49	16°55	15° 4	28°44	28°42	9°40	n.a.	F 4
S 5	10 8 51	4°12'11	24°45	16°24	15°55	6°58	15°33	17°27	26°49	16°56	15° 6	28°R44	28°38	9°47	n.a.	S 5
S 6	10 12 47	5°10'49	8♓22	16° 7	17° 9	7°43	15°45	17°31	26°49	16°58	15° 7	28°44	28°35	9°54	n.a.	S 6
M 7	10 16 44	6° 9'26	21°43	15°45	18°22	8°28	15°58	17°35	26°50	17° 0	15° 8	28°43	28°32	10° 1	n.a.	M 7
T 8	10 20 40	7° 8'00	4♈46	15°18	19°36	9°13	16°10	17°39	26°50	17° 1	15°10	28°43	28°29	10° 7	n.a.	T 8
W 9	10 24 37	8° 6'32	17°30	14°47	20°49	9°58	16°22	17°43	26°50	17° 3	15°11	28°41	28°26	10°14	n.a.	W 9
T 10	10 28 33	9° 5'02	29°58	14°12	22° 3	10°44	16°34	17°48	26°50	17° 4	15°13	28°40	28°23	10°21	n.a.	T 10
F 11	10 32 30	10° 3'30	12♉11	13°34	23°17	11°29	16°47	17°52	26°50	17° 6	15°14	28°39	28°19	10°27	n.a.	F 11
S 12	10 36 26	11° 1'56	24°14	12°54	24°30	12°14	16°59	17°57	26°R50	17° 8	15°15	28°38	28°16	10°34	n.a.	S 12
S 13	10 40 23	12° 0'19	6♊ 9	12°12	25°44	12°59	17°12	18° 1	26°50	17° 9	15°17	28°37	28°13	10°41	n.a.	S 13
M14	10 44 20	12°58'40	18° 2	11°30	26°58	13°44	17°25	18° 6	26°50	17°11	15°18	28°D37	28°10	10°48	n.a.	M14
T 15	10 48 16	13°56'59	29°57	10°47	28°11	14°29	17°37	18°11	26°50	17°12	15°20	28°37	28° 7	10°54	n.a.	T 15
W16	10 52 13	14°55'16	11♋59	10° 6	29°25	15°14	17°50	18°16	26°50	17°13	15°21	28°39	28° 3	11° 1	n.a.	W16
T 17	10 56 9	15°53'31	24°12	9°26	0♓38	15°59	18° 3	18°21	26°50	17°15	15°22	28°40	28° 0	11° 8	n.a.	T 17
F 18	11 0 6	16°51'43	6♌40	8°48	1°52	16°44	18°16	18°26	26°49	17°16	15°24	28°41	27°57	11°15	n.a.	F 18
S 19	11 4 2	17°49'54	19°25	8°13	3° 6	17°29	18°29	18°31	26°49	17°18	15°25	28°42	27°54	11°21	n.a.	S 19
S 20	11 7 59	18°48'02	2♍30	7°41	4°19	18°14	18°42	18°36	26°49	17°19	15°27	28°R43	27°51	11°28	n.a.	S 20
M21	11 11 55	19°46'08	15°55	7°13	5°33	18°59	18°55	18°41	26°48	17°20	15°28	28°42	27°48	11°35	n.a.	M21
T 22	11 15 52	20°44'12	29°39	6°50	6°46	19°44	19° 8	18°46	26°48	17°21	15°29	28°40	27°44	11°41	n.a.	T 22
W23	11 19 49	21°42'15	13♎39	6°30	8° 0	20°29	19°21	18°52	26°47	17°23	15°31	28°37	27°41	11°48	n.a.	W23
T 24	11 23 45	22°40'16	27°50	6°15	9°14	21°14	19°34	18°57	26°47	17°24	15°32	28°34	27°38	11°55	n.a.	T 24
F 25	11 27 42	23°38'15	12♏10	6° 5	10°27	21°59	19°47	19° 3	26°46	17°25	15°34	28°30	27°35	12° 2	n.a.	F 25
S 26	11 31 38	24°36'13	26°31	6° 0	11°41	22°44	20° 0	19° 8	26°45	17°26	15°35	28°28	27°32	12° 8	n.a.	S 26
S 27	11 35 35	25°34'10	10♐51	6°D 0	12°54	23°29	20°13	19°14	26°45	17°27	15°36	28°26	27°28	12°15	n.a.	S 27
M28	11 39 31	26°32'05	25° 6	6° 4	14° 8	24°14	20°27	19°20	26°44	17°28	15°38	28°D25	27°25	12°22	n.a.	M28
T 29	11 43 28	27°29'59	9♑14	6°13	15°22	24°59	20°40	19°26	26°43	17°29	15°39	28°25	27°22	12°28	n.a.	T 29
W30	11 47 24	28°27'51	23°12	6°27	16°35	25°43	20°53	19°32	26°42	17°31	15°40	28°27	27°19	12°35	n.a.	W30
T 31	11 51 21	29♓25'42	7♒ 0	6♓45	17♓49	26♑28	21♈ 7	19♉37	26♏41	17♑32	15♓42	28♒28	27♒16	12♊42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s33	28s25	4s36	2s20	3n22	18s58	1s15	24s37	0s50	5n 2	0s57	15n56	1s23	19s42	0n 4	23s 1	0s16	21s24	16s50	12s 7	12s 4	27n13			n.a.
W 2	11 12	27 1	3 49	2 13	3 26	18 38	1 17	24 36	0 51	5 7	0 56	15 57	1 22	19 42	0 4	23 1	0 16	21 23	16 50	12 7	12 5	27 13			n.a.
T 3	10 51	23 53	2 48	2 10	3 28	18 18	1 18	24 35	0 52	5 12	0 56	15 58	1 22	19 42	0 4	23 1	0 16	21 23	16 50	12 7	12 6	27 14			n.a.
F 4	10 29	19 21	1 37	2 10	3 30	17 57	1 19	24 34	0 53	5 17	0 56	15 59	1 22	19 42	0 4	23 1	0 16	21 22	16 49	12 6	12 7	27 15			n.a.
S 5	10 8	13 50	0 22	2 15	3 30	17 36	1 20	24 33	0 54	5 22	0 56	16 1	1 22	19 42	0 4	23 1	0 16	21 22	16 49	12 6	12 8	27 16			n.a.
S 6	9 46	7 45	0n53	2 23	3 28	17 14	1 21	24 31	0 55	5 27	0 56	16 2	1 21	19 42	0 4	23 0	0 16	21 21	16 49	12 6	12 9	27 17			n.a.
M 7	9 24	1 27	2 4	2 34	3 25	16 52	1 22	24 29	0 56	5 32	0 56	16 3	1 21	19 42	0 4	23 0	0 16	21 20	16 49	12 7	12 11	27 18			n.a.
T 8	9 2	4n46	3 6	2 49	3 20	16 29	1 23	24 27	0 57	5 36	0 55	16 5	1 21	19 42	0 4	23 0	0 16	21 20	16 49	12 7	12 12	27 19			n.a.
W 9	8 40	10 38	3 58	3 7	3 14	16 6	1 24	24 25	0 58	5 41	0 55	16 6	1 21	19 42	0 4	23 0	0 17	21 19	16 49	12 7	12 13	27 20			n.a.
T 10	8 18	15 57	4 37	3 28	3 6	15 43	1 24	24 22	0 59	5 46	0 55	16 8	1 21	19 43	0 4	23 0	0 17	21 19	16 49	12 8	12 14	27 20			n.a.
F 11	7 55	20 32	5 3	3 51	2 57	15 19	1 25	24 19	1 0	5 51	0 55	16 9	1 20	19 43	0 4	22 59	0 17	21 18	16 49	12 8	12 15	27 21			n.a.
S 12	7 33	24 13	5 15	4 16	2 46	14 55	1 26	24 16	1 1	5 56	0 55	16 11	1 20	19 43	0 4	22 59	0 17	21 17	16 49	12 9	12 16	27 22			n.a.
S 13	7 10	26 49	5 13	4 43	2 34	14 30	1 26	24 13	1 2	6 1	0 55	16 12	1 20	19 43	0 4	22 59	0 17	21 17	16 49	12 9	12 17	27 23			n.a.
M14	6 48	28 14	4 58	5 12	2 21	14 5	1 27	24 9	1 3	6 7	0 54	16 14	1 20	19 43	0 4	22 59	0 17	21 16	16 49	12 9	12 18	27 24			n.a.
T 15	6 25	28 20	4 30	5 41	2 7	13 39	1 27	24 6	1 4	6 12	0 54	16 15	1 19	19 43	0 4	22 59	0 17	21 16	16 49	12 9	12 19	27 25			n.a.
W16	6 2	27 6	3 50	6 11	1 52	13 14	1 27	24 1	1 5	6 17	0 54	16 17	1 19	19 42	0 4	22 59	0 17	21 15	16 49	12 8	12 21	27 25			n.a.
T 17	5 39	24 34	2 59	6 40	1 37	12 47	1 28	23 57	1 6	6 22	0 54	16 18	1 19	19 42	0 4	22 58	0 17	21 14	16 49	12 8	12 22	27 26			n.a.
F 18	5 16	20 49	1 59	7 9	1 21	12 21	1 28	23 52	1 7	6 27	0 54	16 20	1 19	19 42	0 4	22 58	0 17	21 14	16 49	12 7	12 23	27 27			n.a.
S 19	4 53	16 3	0 51	7 37	1 5	11 54	1 28	23 48	1 8	6 32	0 54	16 22	1 19	19 42	0 4	22 58	0 17	21 13	16 49	12 7	12 24	27 28			n.a.
S 20	4 30	10 26	0s21	8 5	0 48	11 27	1 28	23 42	1 9	6 37	0 53	16 23	1 18	19 42	0 4	22 58	0 17	21 13	16 49	12 7	12 25	27 29			n.a.
M21	4 7	4 13	1 33	8 30	0 32	10 59	1 28	23 37	1 10	6 42	0 53	16 25	1 18	19 42	0 4	22 58	0 17	21 12	16 49	12 7	12 26	27 29			n.a.
T 22	3 44	2s20	2 42	8 54	0 16	10 32	1 28	23 31	1 11	6 47	0 53	16 26	1 18	19 42	0 4	22 58	0 17	21 12	16 49	12 8	12 27	27 30			n.a.
W23	3 21	8 52	3 42	9 16	0s 0	10 4	1 28	23 26	1 12	6 53	0 53	16 28	1 18	19 42	0 4	22 57	0 17	21 11	16 49	12 9	12 28	27 31			n.a.
T 24	2 57	15 3	4 30	9 36	0 16	9 35	1 28	23 20	1 13	6 58	0 53	16 30	1 18	19 42	0 4	22 57	0 17	21 11	16 49	12 10	12 29	27 32			n.a.
F 25	2 34	20 30	5 1	9 54	0 31	9 7	1 28	23 13	1 14	7 3	0 53	16 32	1 17	19 42	0 4	22 57	0 17	21 10	16 49	12 11	12 31	27 32			n.a.
S 26	2 11	24 46	5 13	10 10	0 46	8 38	1 27	23 7	1 15	7 8	0 53	16 33	1 17	19 41	0 4	22 57	0 17	21 9	16 49	12 12	12 32	27 33			n.a.
S 27	1 47	27 29	5 6	10 23	0 59	8 9	1 27	23 0	1 16	7 13	0 52	16 35	1 17	19 41	0 4	22 57	0 17	21 9	16 49	12 13	12 33	27 34			n.a.
M28	1 24	28 24	4 40	10 33	1 13	7 40	1 26	22 53	1 17	7 18	0 52	16 37	1 17	19 41	0 4	22 57	0 17	21 8	16 49	12 13	12 34	27 34			n.a.
T 29	1 1	27 27	3 57	10 42	1 25	7 11	1 26	22 46	1 18	7 24	0 52	16 39	1 17	19 41	0 4	22 57	0 17	21 8	16 49	12 13	12 35	27 35			n.a.
W30	0 37	24 46	3 1	10 47	1 37	6 41	1 25	22 38	1 19	7 29	0 52	16 40	1 17	19 41	0 4	22 57	0 17	21 7	16 49	12 12	12 36	27 36			n.a.
T 31	0s14	20s40	1s55	10s50	1s48	6s11	1s25	22s31	1s20	7n34	0s52	16n42	1s16	19s41	0n 4	22s56	0s17	21s 7	16s49	12s12	12s37	27n36			n.a.

Julian Day Number = 1312402.5, Delta T = 07h40m22s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°32'01, Lahiri = -19°25'00 Julian Calendar 1 March 1120 BCE == Greg. Calendar 18 Feb. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

APRIL 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 55 18	0♈23'32	20♒38	7♓ 8	19♓ 2	27♉13	21♈20	19♉43	26°R40	17♉32	15♓43	28♒29	27♒13	12♊49	n.a.	F 1
S 2	11 59 14	1°21'20	4♓ 3	7°35	20°16	27°58	21°34	19°50	26♏39	17°33	15°45	28°R29	27° 9	12°55	n.a.	S 2
S 3	12 3 11	2°19'06	17°17	8° 6	21°30	28°42	21°47	19°56	26°38	17°34	15°46	28°28	27° 6	13° 2	n.a.	S 3
M 4	12 7 7	3°16'51	0♈18	8°42	22°43	29°27	22° 1	20° 2	26°37	17°35	15°47	28°25	27° 3	13° 9	n.a.	M 4
T 5	12 11 4	4°14'35	13° 6	9°21	23°57	0♒11	22°14	20° 8	26°36	17°36	15°49	28°20	27° 0	13°15	n.a.	T 5
W 6	12 15 0	5°12'17	25°40	10° 4	25°10	0°56	22°28	20°14	26°35	17°37	15°50	28°14	26°57	13°22	n.a.	W 6
T 7	12 18 57	6° 9'58	8♉ 2	10°50	26°24	1°41	22°41	20°21	26°34	17°38	15°51	28° 7	26°54	13°29	n.a.	T 7
F 8	12 22 53	7° 7'37	20°12	11°40	27°37	2°25	22°55	20°27	26°32	17°38	15°53	28° 1	26°50	13°36	n.a.	F 8
S 9	12 26 50	8° 5'14	2♊12	12°34	28°51	3°10	23° 8	20°34	26°31	17°39	15°54	27°55	26°47	13°42	n.a.	S 9
S 10	12 30 46	9° 2'50	14° 7	13°31	0♈ 5	3°54	23°22	20°40	26°30	17°40	15°55	27°50	26°44	13°49	n.a.	S 10
M11	12 34 43	10° 0'24	25°59	14°30	1°18	4°38	23°36	20°47	26°28	17°41	15°57	27°47	26°41	13°56	n.a.	M11
T 12	12 38 40	10°57'57	7♋52	15°33	2°32	5°23	23°50	20°53	26°27	17°41	15°58	27°D46	26°38	14° 2	n.a.	T 12
W13	12 42 36	11°55'28	19°53	16°39	3°45	6° 7	24° 3	21° 0	26°25	17°42	15°59	27°46	26°34	14° 9	n.a.	W13
T 14	12 46 33	12°52'57	2♌ 5	17°48	4°59	6°51	24°17	21° 7	26°24	17°42	16° 0	27°48	26°31	14°16	n.a.	T 14
F 15	12 50 29	13°50'25	14°33	19° 0	6°12	7°35	24°31	21°14	26°22	17°43	16° 2	27°49	26°28	14°23	n.a.	F 15
S 16	12 54 26	14°47'52	27°22	20°14	7°26	8°19	24°45	21°20	26°21	17°43	16° 3	27°R50	26°25	14°29	n.a.	S 16
S 17	12 58 22	15°45'17	10♍35	21°31	8°40	9° 3	24°58	21°27	26°19	17°44	16° 4	27°49	26°22	14°36	n.a.	S 17
M18	13 2 19	16°42'40	24°14	22°51	9°53	9°48	25°12	21°34	26°18	17°44	16° 5	27°46	26°19	14°43	n.a.	M18
T 19	13 6 15	17°40'03	8♎16	24°13	11° 7	10°31	25°26	21°41	26°16	17°45	16° 7	27°41	26°15	14°50	n.a.	T 19
W20	13 10 12	18°37'24	22°40	25°38	12°20	11°15	25°40	21°48	26°14	17°45	16° 8	27°35	26°12	14°56	n.a.	W20
T 21	13 14 9	19°34'44	7♏18	27° 6	13°34	11°59	25°54	21°55	26°12	17°45	16° 9	27°27	26° 9	15° 3	n.a.	T 21
F 22	13 18 5	20°32'04	22° 5	28°36	14°47	12°43	26° 7	22° 2	26°11	17°46	16°10	27°19	26° 6	15°10	n.a.	F 22
S 23	13 22 2	21°29'22	6♐51	0♈ 8	16° 1	13°27	26°21	22°10	26° 9	17°46	16°11	27°12	26° 3	15°16	n.a.	S 23
S 24	13 25 58	22°26'40	21°29	1°43	17°14	14°11	26°35	22°17	26° 7	17°46	16°13	27° 7	26° 0	15°23	n.a.	S 24
M25	13 29 55	23°23'57	5♑55	3°21	18°28	14°54	26°49	22°24	26° 5	17°46	16°14	27° 3	25°56	15°30	n.a.	M25
T 26	13 33 51	24°21'14	20° 4	5° 1	19°42	15°38	27° 3	22°31	26° 3	17°47	16°15	27°D 2	25°53	15°37	n.a.	T 26
W27	13 37 48	25°18'30	3♒56	6°44	20°55	16°22	27°17	22°38	26° 1	17°47	16°16	27° 2	25°50	15°43	n.a.	W27
T 28	13 41 45	26°15'45	17°31	8°29	22° 9	17° 5	27°30	22°46	25°59	17°47	16°17	27° 3	25°47	15°50	n.a.	T 28
F 29	13 45 41	27°12'59	0♓50	10°16	23°22	17°48	27°44	22°53	25°57	17°47	16°18	27°R 3	25°44	15°57	n.a.	F 29
S 30	13 49 38	28♈10'14	13♓55	12♈ 6	24♈36	18♒32	27♈58	23♉ 0	25♏55	17♉47	16♓19	27♒ 2	25♒40	16♊ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n10	15s32	0s43	10s51	1s58	5s41	1s24	22s23	1s21	7n39	0s52	16n44	1s16	19s40	0n 4	22s56	0s17	21s 6	16s49	12s12	12s38	27n37		n.a.
S 2	0 33	9 43	0n30	10 50	2 7	5 11	1 23	22 15	1 22	7 45	0 52	16 46	1 16	19 40	0 4	22 56	0 17	21 6	16 49	12 11	12 39	27 38		n.a.
S 3	0 56	3 34	1 41	10 46	2 16	4 41	1 22	22 6	1 23	7 50	0 51	16 48	1 16	19 40	0 4	22 56	0 17	21 6	16 50	12 12	12 41	27 38		n.a.
M 4	1 19	2n38	2 45	10 39	2 24	4 11	1 22	21 58	1 24	7 55	0 51	16 50	1 16	19 40	0 4	22 56	0 17	21 5	16 50	12 13	12 42	27 39		n.a.
T 5	1 43	8 36	3 39	10 31	2 31	3 40	1 21	21 49	1 25	8 0	0 51	16 51	1 15	19 39	0 4	22 56	0 17	21 5	16 50	12 15	12 43	27 40		n.a.
W 6	2 6	14 7	4 21	10 20	2 37	3 10	1 20	21 40	1 26	8 5	0 51	16 53	1 15	19 39	0 4	22 56	0 17	21 4	16 50	12 17	12 44	27 40		n.a.
T 7	2 29	18 59	4 51	10 7	2 42	2 39	1 19	21 31	1 27	8 11	0 51	16 55	1 15	19 39	0 4	22 56	0 17	21 4	16 50	12 19	12 45	27 41		n.a.
F 8	2 52	23 0	5 7	9 52	2 47	2 9	1 18	21 22	1 28	8 16	0 51	16 57	1 15	19 39	0 3	22 56	0 17	21 3	16 50	12 22	12 46	27 42		n.a.
S 9	3 16	25 59	5 9	9 35	2 51	1 38	1 16	21 12	1 29	8 21	0 51	16 59	1 15	19 38	0 3	22 56	0 17	21 3	16 50	12 24	12 47	27 42		n.a.
S 10	3 39	27 47	4 57	9 15	2 54	1 7	1 15	21 3	1 30	8 26	0 51	17 1	1 15	19 38	0 3	22 56	0 17	21 2	16 50	12 25	12 48	27 43		n.a.
M11	4 2	28 19	4 33	8 54	2 56	0 36	1 14	20 53	1 31	8 32	0 50	17 3	1 14	19 38	0 3	22 56	0 17	21 2	16 50	12 26	12 49	27 43		n.a.
T 12	4 24	27 32	3 57	8 31	2 58	0 5	1 13	20 43	1 32	8 37	0 50	17 5	1 14	19 37	0 3	22 55	0 17	21 2	16 51	12 27	12 50	27 44		n.a.
W13	4 47	25 28	3 11	8 5	2 59	0n26	1 11	20 32	1 32	8 42	0 50	17 7	1 14	19 37	0 3	22 55	0 17	21 1	16 51	12 27	12 52	27 45		n.a.
T 14	5 10	22 12	2 15	7 38	2 59	0 57	1 10	20 22	1 33	8 47	0 50	17 9	1 14	19 37	0 3	22 55	0 17	21 1	16 51	12 26	12 53	27 45		n.a.
F 15	5 33	17 52	1 11	7 9	2 59	1 28	1 8	20 11	1 34	8 53	0 50	17 11	1 14	19 36	0 3	22 55	0 17	21 1	16 51	12 26	12 54	27 46		n.a.
S 16	5 55	12 37	0 2	6 39	2 58	1 58	1 7	20 1	1 35	8 58	0 50	17 12	1 14	19 36	0 3	22 55	0 17	21 0	16 51	12 25	12 55	27 46		n.a.
S 17	6 18	6 40	1s 8	6 6	2 56	2 29	1 5	19 50	1 36	9 3	0 50	17 14	1 13	19 35	0 3	22 55	0 17	21 0	16 51	12 26	12 56	27 47		n.a.
M18	6 40	0 14	2 17	5 32	2 53	3 0	1 4	19 39	1 37	9 8	0 50	17 16	1 13	19 35	0 3	22 55	0 17	20 59	16 51	12 27	12 57	27 47		n.a.
T 19	7 3	6s23	3 20	4 56	2 50	3 31	1 2	19 27	1 38	9 13	0 50	17 18	1 13	19 35	0 3	22 55	0 17	20 59	16 52	12 28	12 58	27 48		n.a.
W20	7 25	12 50	4 11	4 18	2 47	4 2	1 0	19 16	1 39	9 19	0 50	17 20	1 13	19 34	0 3	22 55	0 17	20 59	16 52	12 31	12 59	27 48		n.a.
T 21	7 47	18 41	4 47	3 39	2 42	4 32	0 59	19 4	1 40	9 24	0 49	17 22	1 13	19 34	0 3	22 55	0 17	20 58	16 52	12 33	13 0	27 49		n.a.
F 22	8 9	23 29	5 4	2 58	2 37	5 3	0 57	18 53	1 41	9 29	0 49	17 24	1 13	19 33	0 3	22 55	0 17	20 58	16 52	12 36	13 1	27 49		n.a.
S 23	8 31	26 45	5 1	2 16	2 32	5 33	0 55	18 41	1 42	9 34	0 49	17 26	1 13	19 33	0 3	22 55	0 17	20 58	16 52	12 38	13 3	27 50		n.a.
S 24	8 52	28 11	4 39	1 32	2 26	6 4	0 53	18 29	1 43	9 39	0 49	17 28	1 12	19 33	0 3	22 55	0 18	20 58	16 52	12 40	13 4	27 50		n.a.
M25	9 14	27 40	3 59	0 46	2 19	6 34	0 51	18 16	1 43	9 44	0 49	17 30	1 12	19 32	0 3	22 55	0 18	20 57	16 53	12 42	13 5	27 51		n.a.
T 26	9 35	25 20	3 4	0n 0	2 12	7 4	0 49	18 4	1 44	9 50	0 49	17 32	1 12	19 32	0 3	22 55	0 18	20 57	16 53	12 42	13 6	27 51		n.a.
W27	9 57	21 32	2 0	0 49	2 5	7 34	0 47	17 52	1 45	9 55	0 49	17 34	1 12	19 31	0 3	22 55	0 18	20 57	16 53	12 42	13 7	27 52		n.a.
T 28	10 18	16 39	0 51	1 38	1 56	8 4	0 45	17 39	1 46	10 0	0 49	17 36	1 12	19 31	0 3	22 55	0 18	20 56	16 53	12 42	13 8	27 52		n.a.
F 29	10 39	11 3	0n20	2 29	1 48	8 33	0 43	17 26	1 47	10 5	0 49	17 38	1 12	19 30	0 3	22 55	0 18	20 56	16 54	12 42	13 9	27 53		n.a.
S 30	11n 0	5s 4	1n29	3n21	1s39	9n 3	0s41	17s13	1s48	10n10	0s49	17n40	1s12	19s30	0n 3	22s55	0s18	20s56	16s54	12s42	13s10	27n53		n.a.

Julian Day Number = 1312433.5, Delta T = 07h40m21s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'56, Lahiri = -19°24'56 Julian Calendar 1 Apr. 1120 BCE == Greg. Calendar 21 March 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

MAY 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 34	29♈ 7'27	26♓47	13♈58	25♈50	19♒15	28♈12	23♉ 8	25°R53	17°R47	16♓20	26°R58	25♒37	16♊10	n.a.	S 1
M 2	13 57 31	0♉ 4'40	9♈28	15°52	27° 3	19°58	28°26	23°15	25♏51	17♑47	16°21	26♒52	25°34	16°17	n.a.	M 2
T 3	14 1 27	1° 1'52	21°59	17°49	28°17	20°41	28°40	23°23	25°49	17°47	16°23	26°43	25°31	16°24	n.a.	T 3
W 4	14 5 24	1°59'04	4♉20	19°48	29°31	21°25	28°54	23°30	25°47	17°47	16°24	26°33	25°28	16°30	n.a.	W 4
T 5	14 9 20	2°56'15	16°32	21°49	0♉44	22° 8	29° 7	23°38	25°45	17°47	16°25	26°21	25°25	16°37	n.a.	T 5
F 6	14 13 17	3°53'25	28°35	23°52	1°58	22°50	29°21	23°45	25°42	17°47	16°26	26° 9	25°21	16°44	n.a.	F 6
S 7	14 17 14	4°50'35	10♊32	25°57	3°11	23°33	29°35	23°53	25°40	17°46	16°27	25°58	25°18	16°50	n.a.	S 7
S 8	14 21 10	5°47'44	22°24	28° 3	4°25	24°16	29°49	24° 1	25°38	17°46	16°28	25°48	25°15	16°57	n.a.	S 8
M 9	14 25 7	6°44'53	4♋14	0♉11	5°39	24°59	0♉ 3	24° 8	25°36	17°46	16°29	25°42	25°12	17° 4	n.a.	M 9
T 10	14 29 3	7°42'01	16° 6	2°20	6°52	25°41	0°16	24°16	25°33	17°46	16°30	25°37	25° 9	17°11	n.a.	T 10
W11	14 33 0	8°39'08	28° 4	4°30	8° 6	26°24	0°30	24°24	25°31	17°45	16°30	25°35	25° 6	17°17	n.a.	W11
T 12	14 36 56	9°36'14	10♌14	6°41	9°20	27° 6	0°44	24°31	25°29	17°45	16°31	25°D35	25° 2	17°24	n.a.	T 12
F 13	14 40 53	10°33'20	22°40	8°52	10°33	27°49	0°58	24°39	25°27	17°45	16°32	25°R35	24°59	17°31	n.a.	F 13
S 14	14 44 49	11°30'25	5♍27	11° 3	11°47	28°31	1°11	24°47	25°24	17°44	16°33	25°35	24°56	17°37	n.a.	S 14
S 15	14 48 46	12°27'30	18°40	13°14	13° 1	29°13	1°25	24°54	25°22	17°44	16°34	25°33	24°53	17°44	n.a.	S 15
M16	14 52 43	13°24'34	2♎22	15°25	14°14	29°55	1°39	25° 2	25°19	17°43	16°35	25°29	24°50	17°51	n.a.	M16
T 17	14 56 39	14°21'37	16°32	17°35	15°28	0♓37	1°53	25°10	25°17	17°43	16°36	25°22	24°46	17°58	n.a.	T 17
W18	15 0 36	15°18'40	1♏ 8	19°44	16°42	1°19	2° 6	25°18	25°15	17°42	16°37	25°14	24°43	18° 4	n.a.	W18
T 19	15 4 32	16°15'44	16° 4	21°53	17°55	2° 1	2°20	25°25	25°12	17°42	16°37	25° 3	24°40	18°11	n.a.	T 19
F 20	15 8 29	17°12'47	1♐12	23°59	19° 9	2°42	2°33	25°33	25°10	17°41	16°38	24°53	24°37	18°18	n.a.	F 20
S 21	15 12 25	18° 9'50	16°19	26° 5	20°23	3°24	2°47	25°41	25° 8	17°41	16°39	24°43	24°34	18°24	n.a.	S 21
S 22	15 16 22	19° 6'53	1♑18	28° 9	21°36	4° 5	3° 1	25°49	25° 5	17°40	16°40	24°35	24°31	18°31	n.a.	S 22
M23	15 20 19	20° 3'56	15°59	0♊11	22°50	4°47	3°14	25°57	25° 3	17°39	16°40	24°30	24°27	18°38	n.a.	M23
T 24	15 24 15	21° 1'00	0♒19	2°12	24° 4	5°28	3°28	26° 5	25° 0	17°39	16°41	24°27	24°24	18°45	n.a.	T 24
W25	15 28 12	21°58'04	14°15	4°10	25°17	6° 9	3°41	26°12	24°58	17°38	16°42	24°26	24°21	18°51	n.a.	W25
T 26	15 32 8	22°55'08	27°47	6° 7	26°31	6°50	3°54	26°20	24°55	17°37	16°42	24°26	24°18	18°58	n.a.	T 26
F 27	15 36 5	23°52'12	10♓59	8° 2	27°45	7°31	4° 8	26°28	24°53	17°36	16°43	24°26	24°15	19° 5	n.a.	F 27
S 28	15 40 1	24°49'17	23°52	9°55	28°59	8°12	4°21	26°36	24°51	17°36	16°44	24°24	24°11	19°11	n.a.	S 28
S 29	15 43 58	25°46'23	6♈31	11°46	0♊12	8°53	4°35	26°44	24°48	17°35	16°44	24°19	24° 8	19°18	n.a.	S 29
M30	15 47 54	26°43'29	18°57	13°35	1°26	9°33	4°48	26°52	24°46	17°34	16°45	24°12	24° 5	19°25	n.a.	M30
T 31	15 51 51	27♉40'35	1♉14	15♊22	2♊40	10♓14	5♉ 1	27♉ 0	24♏43	17♑33	16♓46	24♒ 2	24♒ 2	19♊31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n20	1n 1	2n32	4n13	1s30	9n32	0s39	17s 0	1s49	10n15	0s49	17n42	1s11	19s29	0n 3	22s55	0s18	20s56	16s54	12s43	13s11	27n53			n.a.
M 2	11 41	6 57	3 26	5 7	1 20	10 1	0 37	16 47	1 50	10 20	0 48	17 44	1 11	19 29	0 3	22 55	0 18	20 55	16 54	12 45	13 12	27 54			n.a.
T 3	12 1	12 32	4 9	6 2	1 10	10 30	0 35	16 34	1 50	10 25	0 48	17 46	1 11	19 28	0 3	22 55	0 18	20 55	16 54	12 48	13 13	27 54			n.a.
W 4	12 21	17 33	4 40	6 57	0 59	10 58	0 33	16 21	1 51	10 30	0 48	17 48	1 11	19 28	0 3	22 55	0 18	20 55	16 55	12 52	13 15	27 55			n.a.
T 5	12 41	21 47	4 58	7 53	0 49	11 26	0 31	16 7	1 52	10 35	0 48	17 50	1 11	19 27	0 3	22 55	0 18	20 55	16 55	12 56	13 16	27 55			n.a.
F 6	13 1	25 4	5 2	8 49	0 38	11 54	0 28	15 54	1 53	10 40	0 48	17 52	1 11	19 27	0 3	22 55	0 18	20 55	16 55	13 0	13 17	27 55			n.a.
S 7	13 21	27 13	4 52	9 45	0 27	12 22	0 26	15 40	1 54	10 46	0 48	17 54	1 11	19 26	0 3	22 55	0 18	20 54	16 55	13 4	13 18	27 56			n.a.
S 8	13 40	28 6	4 30	10 42	0 17	12 50	0 24	15 27	1 55	10 51	0 48	17 56	1 11	19 26	0 3	22 55	0 18	20 54	16 56	13 7	13 19	27 56			n.a.
M 9	13 59	27 43	3 57	11 38	0 6	13 17	0 22	15 13	1 55	10 56	0 48	17 59	1 11	19 25	0 3	22 55	0 18	20 54	16 56	13 10	13 20	27 57			n.a.
T 10	14 18	26 2	3 13	12 34	0n 5	13 44	0 19	14 59	1 56	11 0	0 48	18 1	1 10	19 25	0 3	22 55	0 18	20 54	16 56	13 11	13 21	27 57			n.a.
W11	14 37	23 11	2 20	13 28	0 16	14 10	0 17	14 45	1 57	11 5	0 48	18 3	1 10	19 24	0 3	22 56	0 18	20 54	16 56	13 12	13 22	27 57			n.a.
T 12	14 56	19 15	1 21	14 22	0 26	14 36	0 15	14 31	1 58	11 10	0 48	18 5	1 10	19 24	0 3	22 56	0 18	20 54	16 57	13 12	13 23	27 58			n.a.
F 13	15 14	14 26	0 15	15 15	0 36	15 2	0 12	14 17	1 59	11 15	0 48	18 7	1 10	19 23	0 3	22 56	0 18	20 54	16 57	13 12	13 24	27 58			n.a.
S 14	15 32	8 51	0s52	16 7	0 46	15 28	0 10	14 3	1 59	11 20	0 48	18 9	1 10	19 22	0 3	22 56	0 18	20 54	16 57	13 12	13 25	27 58			n.a.
S 15	15 50	2 44	1 59	16 56	0 55	15 53	0 8	13 48	2 0	11 25	0 47	18 11	1 10	19 22	0 3	22 56	0 18	20 53	16 57	13 13	13 26	27 59			n.a.
M16	16 7	3s43	3 1	17 44	1 4	16 17	0 5	13 34	2 1	11 30	0 47	18 13	1 10	19 21	0 3	22 56	0 18	20 53	16 58	13 14	13 28	27 59			n.a.
T 17	16 24	10 12	3 55	18 30	1 12	16 42	0 3	13 19	2 2	11 35	0 47	18 15	1 10	19 21	0 3	22 56	0 18	20 53	16 58	13 16	13 29	27 59			n.a.
W18	16 42	16 20	4 35	19 14	1 19	17 5	0 0	13 5	2 2	11 40	0 47	18 17	1 10	19 20	0 3	22 56	0 18	20 53	16 58	13 19	13 30	27 59			n.a.
T 19	16 58	21 38	4 57	19 55	1 26	17 29	0n 2	12 50	2 3	11 44	0 47	18 18	1 9	19 20	0 3	22 56	0 18	20 53	16 59	13 23	13 31	28 0			n.a.
F 20	17 15	25 36	4 59	20 34	1 33	17 52	0 4	12 36	2 4	11 49	0 47	18 20	1 9	19 19	0 3	22 56	0 18	20 53	16 59	13 26	13 32	28 0			n.a.
S 21	17 31	27 45	4 40	21 11	1 38	18 14	0 7	12 21	2 5	11 54	0 47	18 22	1 9	19 18	0 3	22 56	0 18	20 53	16 59	13 30	13 33	28 0			n.a.
S 22	17 47	27 51	4 2	21 45	1 44	18 36	0 9	12 6	2 5	11 59	0 47	18 24	1 9	19 18	0 3	22 56	0 18	20 53	17 0	13 32	13 34	28 0			n.a.
M23	18 3	25 58	3 8	22 17	1 48	18 58	0 11	11 52	2 6	12 3	0 47	18 26	1 9	19 17	0 3	22 57	0 18	20 53	17 0	13 34	13 35	28 1			n.a.
T 24	18 18	22 25	2 4	22 46	1 51	19 19	0 14	11 37	2 7	12 8	0 47	18 28	1 9	19 17	0 3	22 57	0 18	20 53	17 0	13 35	13 36	28 1			n.a.
W25	18 33	17 41	0 54	23 12	1 54	19 39	0 16	11 22	2 7	12 13	0 47	18 30	1 9	19 16	0 3	22 57	0 18	20 53	17 0	13 35	13 37	28 1			n.a.
T 26	18 48	12 10	0n18	23 36	1 57	19 59	0 18	11 7	2 8	12 18	0 47	18 32	1 9	19 16	0 3	22 57	0 18	20 53	17 1	13 35	13 38	28 1			n.a.
F 27	19 3	6 15	1 26	23 57	1 58	20 19	0 21	10 52	2 9	12 22	0 47	18 34	1 9	19 15	0 3	22 57	0 18	20 53	17 1	13 36	13 39	28 2			n.a.
S 28	19 17	0 12	2 29	24 16	1 59	20 38	0 23	10 37	2 9	12 27	0 47	18 36	1 9	19 14	0 3	22 57	0 18	20 53	17 1	13 36	13 40	28 2			n.a.
S 29	19 31	5n43	3 22	24 32	2 0	20 56	0 25	10 22	2 10	12 31	0 47	18 38	1 9	19 14	0 3	22 57	0 18	20 53	17 2	13 38	13 41	28 2			n.a.
M30	19 45	11 19	4 6	24 46	1 59	21 14	0 28	10 7	2 11	12 36	0 47	18 40	1 8	19 13	0 3	22 57	0 18	20 53	17 2	13 40	13 43	28 2			n.a.
T 31	19n58	16n24	4n37	24n58	1n58	21n31	0n30	9s53	2s11	12n41	0s47	18n42	1s 8	19s13	0n 3	22s58	0s18	20s53	17s 2	13s44	13s44	28n 2			n.a.

Julian Day Number = 1312463.5, Delta T = 07h40m19s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'52, Lahiri = -19°24'52 Julian Calendar 1 May 1120 BCE == Greg. Calendar 20 Apr. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

JUNE 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 55 48	28♉37'41	13♉22	17♊ 7	3♊54	10♓54	5♉14	27♉ 7	24°R41	17°R32	16♓46	23°R50	23♒59	19♊38	n.a.	W 1
T 2	15 59 44	29°34'49	25°24	18°50	5° 8	11°35	5°28	27°15	24♏38	17♑31	16°47	23♒36	23°56	19°45	n.a.	T 2
F 3	16 3 41	0♊31'56	7♊21	20°31	6°21	12°15	5°41	27°23	24°36	17°30	16°47	23°22	23°52	19°52	n.a.	F 3
S 4	16 7 37	1°29'04	19°14	22°10	7°35	12°55	5°54	27°31	24°34	17°29	16°48	23°10	23°49	19°58	n.a.	S 4
S 5	16 11 34	2°26'12	1♋ 4	23°47	8°49	13°34	6° 7	27°39	24°31	17°28	16°48	22°59	23°46	20° 5	n.a.	S 5
M 6	16 15 30	3°23'21	12°53	25°22	10° 3	14°14	6°20	27°47	24°29	17°27	16°49	22°51	23°43	20°12	n.a.	M 6
T 7	16 19 27	4°20'30	24°46	26°55	11°17	14°54	6°33	27°55	24°26	17°26	16°49	22°45	23°40	20°18	n.a.	T 7
W 8	16 23 24	5°17'39	6♌44	28°26	12°30	15°33	6°46	28° 2	24°24	17°25	16°50	22°42	23°37	20°25	n.a.	W 8
T 9	16 27 20	6°14'48	18°53	29°55	13°44	16°12	6°59	28°10	24°22	17°24	16°50	22°D41	23°33	20°32	n.a.	T 9
F 10	16 31 17	7°11'58	1♍17	1♋22	14°58	16°51	7°12	28°18	24°19	17°23	16°50	22°R41	23°30	20°39	n.a.	F 10
S 11	16 35 13	8° 9'08	14° 1	2°47	16°12	17°30	7°24	28°26	24°17	17°21	16°51	22°41	23°27	20°45	n.a.	S 11
S 12	16 39 10	9° 6'19	27°10	4°10	17°26	18° 9	7°37	28°34	24°15	17°20	16°51	22°40	23°24	20°52	n.a.	S 12
M13	16 43 6	10° 3'30	10♎48	5°30	18°40	18°48	7°50	28°41	24°12	17°19	16°51	22°37	23°21	20°59	n.a.	M13
T 14	16 47 3	11° 0'41	24°55	6°48	19°53	19°26	8° 2	28°49	24°10	17°18	16°52	22°31	23°17	21° 5	n.a.	T 14
W15	16 50 59	11°57'53	9♏30	8° 5	21° 7	20° 5	8°15	28°57	24° 8	17°17	16°52	22°24	23°14	21°12	n.a.	W15
T 16	16 54 56	12°55'05	24°29	9°18	22°21	20°43	8°28	29° 5	24° 6	17°15	16°52	22°14	23°11	21°19	n.a.	T 16
F 17	16 58 53	13°52'19	9♐43	10°30	23°35	21°21	8°40	29°12	24° 3	17°14	16°52	22° 5	23° 8	21°26	n.a.	F 17
S 18	17 2 49	14°49'33	25° 2	11°39	24°49	21°59	8°52	29°20	24° 1	17°13	16°53	21°56	23° 5	21°32	n.a.	S 18
S 19	17 6 46	15°46'48	10♑14	12°45	26° 3	22°37	9° 5	29°28	23°59	17°11	16°53	21°48	23° 2	21°39	n.a.	S 19
M20	17 10 42	16°44'04	25° 9	13°49	27°17	23°14	9°17	29°35	23°57	17°10	16°53	21°44	22°58	21°46	n.a.	M20
T 21	17 14 39	17°41'21	9♒41	14°50	28°31	23°52	9°29	29°43	23°55	17° 9	16°53	21°41	22°55	21°52	n.a.	T 21
W22	17 18 35	18°38'40	23°47	15°48	29°45	24°29	9°41	29°51	23°52	17° 7	16°53	21°D41	22°52	21°59	n.a.	W22
T 23	17 22 32	19°35'59	7♓25	16°44	0♋58	25° 6	9°54	29°58	23°50	17° 6	16°53	21°41	22°49	22° 6	n.a.	T 23
F 24	17 26 29	20°33'20	20°38	17°36	2°12	25°43	10° 6	0♊ 6	23°48	17° 5	16°53	21°R42	22°46	22°13	n.a.	F 24
S 25	17 30 25	21°30'43	3♈29	18°25	3°26	26°19	10°18	0°13	23°46	17° 3	16°54	21°41	22°43	22°19	n.a.	S 25
S 26	17 34 22	22°28'06	16° 2	19°11	4°40	26°56	10°29	0°21	23°44	17° 2	16°54	21°38	22°39	22°26	n.a.	S 26
M27	17 38 18	23°25'31	28°21	19°53	5°54	27°32	10°41	0°28	23°42	17° 0	16°54	21°33	22°36	22°33	n.a.	M27
T 28	17 42 15	24°22'58	10♉29	20°31	7° 8	28° 8	10°53	0°36	23°40	16°59	16°R54	21°26	22°33	22°39	n.a.	T 28
W29	17 46 11	25°20'26	22°29	21° 6	8°22	28°44	11° 5	0°43	23°38	16°57	16°54	21°17	22°30	22°46	n.a.	W29
T 30	17 50 8	26♊17'55	4♊25	21♋36	9♋36	29♓19	11♉16	0♊50	23♏36	16♑56	16♓54	21♒ 7	22♒27	22♊53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n11	20n47	4n55	25n 8	1n57	21n48	0n32	9s38	2s12	12n45	0s47	18n44	1s 8	19s12	0n 3	22s58	0s18	20s53	17s 3	13s48	13s45	28n 3		n.a.
T 2	20 23	24 16	4 59	25 15	1 54	22 4	0 34	9 22	2 13	12 50	0 47	18 46	1 8	19 11	0 3	22 58	0 18	20 53	17 3	13 52	13 46	28 3		n.a.
F 3	20 36	26 40	4 51	25 20	1 52	22 19	0 36	9 7	2 13	12 54	0 47	18 47	1 8	19 11	0 3	22 58	0 18	20 53	17 3	13 57	13 47	28 3		n.a.
S 4	20 48	27 52	4 30	25 24	1 48	22 34	0 39	8 52	2 14	12 58	0 46	18 49	1 8	19 10	0 3	22 58	0 18	20 54	17 4	14 1	13 48	28 3		n.a.
S 5	20 59	27 46	3 57	25 25	1 44	22 48	0 41	8 37	2 15	13 3	0 46	18 51	1 8	19 10	0 3	22 58	0 18	20 54	17 4	14 5	13 49	28 3		n.a.
M 6	21 11	26 25	3 14	25 25	1 40	23 2	0 43	8 22	2 15	13 7	0 46	18 53	1 8	19 9	0 3	22 59	0 18	20 54	17 4	14 7	13 50	28 3		n.a.
T 7	21 21	23 51	2 22	25 22	1 35	23 14	0 45	8 7	2 16	13 12	0 46	18 55	1 8	19 8	0 3	22 59	0 18	20 54	17 5	14 9	13 51	28 3		n.a.
W 8	21 32	20 14	1 23	25 19	1 29	23 26	0 47	7 52	2 16	13 16	0 46	18 57	1 8	19 8	0 3	22 59	0 18	20 54	17 5	14 10	13 52	28 4		n.a.
T 9	21 42	15 44	0 20	25 13	1 23	23 38	0 49	7 37	2 17	13 20	0 46	18 59	1 8	19 7	0 3	22 59	0 19	20 54	17 5	14 11	13 53	28 4		n.a.
F 10	21 52	10 29	0s45	25 6	1 17	23 49	0 51	7 22	2 17	13 25	0 46	19 0	1 8	19 7	0 3	22 59	0 19	20 54	17 6	14 11	13 54	28 4		n.a.
S 11	22 1	4 41	1 51	24 58	1 10	23 59	0 53	7 8	2 18	13 29	0 46	19 2	1 8	19 6	0 3	22 59	0 19	20 54	17 6	14 11	13 55	28 4		n.a.
S 12	22 11	1s29	2 52	24 48	1 3	24 8	0 55	6 53	2 19	13 33	0 46	19 4	1 8	19 6	0 3	23 0	0 19	20 55	17 6	14 11	13 56	28 4		n.a.
M13	22 19	7 48	3 46	24 38	0 55	24 17	0 57	6 38	2 19	13 37	0 46	19 6	1 7	19 5	0 3	23 0	0 19	20 55	17 7	14 12	13 57	28 4		n.a.
T 14	22 28	13 57	4 28	24 26	0 47	24 25	0 59	6 23	2 20	13 41	0 46	19 8	1 7	19 4	0 3	23 0	0 19	20 55	17 7	14 14	13 59	28 4		n.a.
W15	22 36	19 32	4 55	24 13	0 38	24 32	1 0	6 8	2 20	13 46	0 46	19 9	1 7	19 4	0 3	23 0	0 19	20 55	17 7	14 16	14 0	28 4		n.a.
T 16	22 43	24 4	5 2	23 59	0 29	24 38	1 2	5 53	2 21	13 50	0 46	19 11	1 7	19 3	0 3	23 0	0 19	20 55	17 8	14 19	14 1	28 4		n.a.
F 17	22 50	27 1	4 48	23 44	0 19	24 44	1 4	5 38	2 21	13 54	0 46	19 13	1 7	19 3	0 3	23 0	0 19	20 56	17 8	14 23	14 2	28 4		n.a.
S 18	22 57	27 58	4 14	23 28	0 10	24 49	1 5	5 24	2 22	13 58	0 46	19 15	1 7	19 2	0 3	23 1	0 19	20 56	17 8	14 26	14 3	28 4		n.a.
S 19	23 3	26 47	3 22	23 12	0s 1	24 53	1 7	5 9	2 22	14 2	0 46	19 16	1 7	19 2	0 3	23 1	0 19	20 56	17 9	14 28	14 4	28 4		n.a.
M20	23 9	23 41	2 16	22 55	0 11	24 57	1 9	4 54	2 23	14 6	0 46	19 18	1 7	19 1	0 3	23 1	0 19	20 56	17 9	14 30	14 5	28 4		n.a.
T 21	23 15	19 8	1 3	22 38	0 22	24 59	1 10	4 40	2 23	14 10	0 46	19 20	1 7	19 1	0 3	23 1	0 19	20 57	17 9	14 30	14 6	28 4		n.a.
W22	23 20	13 38	0n11	22 20	0 33	25 1	1 12	4 25	2 24	14 14	0 46	19 21	1 7	19 0	0 3	23 1	0 19	20 57	17 10	14 31	14 7	28 4		n.a.
T 23	23 25	7 39	1 23	22 2	0 44	25 3	1 13	4 11	2 24	14 18	0 46	19 23	1 7	19 0	0 3	23 2	0 19	20 57	17 10	14 30	14 8	28 4		n.a.
F 24	23 29	1 30	2 28	21 44	0 56	25 3	1 14	3 56	2 24	14 21	0 46	19 25	1 7	18 59	0 3	23 2	0 19	20 57	17 10	14 30	14 9	28 4		n.a.
S 25	23 33	4n31	3 24	21 25	1 8	25 3	1 16	3 42	2 25	14 25	0 46	19 26	1 7	18 59	0 3	23 2	0 19	20 58	17 11	14 30	14 10	28 4		n.a.
S 26	23 37	10 13	4 8	21 7	1 20	25 2	1 17	3 27	2 25	14 29	0 46	19 28	1 7	18 58	0 3	23 2	0 19	20 58	17 11	14 31	14 11	28 4		n.a.
M27	23 40	15 25	4 40	20 49	1 32	25 0	1 18	3 13	2 26	14 33	0 46	19 30	1 7	18 58	0 3	23 2	0 19	20 58	17 12	14 33	14 12	28 4		n.a.
T 28	23 43	19 56	4 59	20 31	1 45	24 57	1 19	2 59	2 26	14 36	0 46	19 31	1 7	18 57	0 3	23 3	0 19	20 59	17 12	14 35	14 13	28 4		n.a.
W29	23 45	23 35	5 5	20 13	1 57	24 54	1 20	2 45	2 26	14 40	0 46	19 33	1 7	18 57	0 3	23 3	0 19	20 59	17 12	14 38	14 14	28 4		n.a.
T 30	23n47	26n13	4n57	19n56	2s10	24n50	1n22	2s31	2s27	14n44	0s46	19n34	1s 7	18s56	0n 3	23s 3	0s19	20s59	17s13	14s42	14s15	28n 4		n.a.

Julian Day Number = 1312494.5, Delta T = 07h40m18s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'48, Lahiri = -19°24'48 Julian Calendar 1 June 1120 BCE == Greg. Calendar 21 May 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

JULY 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 54 4	27♊15'25	16♊17	22♋ 2	10♋50	29♓55	11♉28	0♊58	23°R34	16°R54	16°R53	20°R56	22♒23	22♊59	n.a.	F 1
S 2	17 58 1	28°12'57	28° 7	22°24	12° 4	0♈30	11°39	1° 5	23♏32	16♑53	16♓53	20♒47	22°20	23° 6	n.a.	S 2
S 3	18 1 58	29°10'31	9♋58	22°41	13°18	1° 5	11°51	1°12	23°31	16°51	16°53	20°39	22°17	23°13	n.a.	S 3
M 4	18 5 54	0♋ 8'05	21°51	22°53	14°32	1°40	12° 2	1°20	23°29	16°50	16°53	20°33	22°14	23°20	n.a.	M 4
T 5	18 9 51	1° 5'41	3♌48	23° 0	15°46	2°14	12°13	1°27	23°27	16°48	16°53	20°29	22°11	23°26	n.a.	T 5
W 6	18 13 47	2° 3'18	15°52	23°R 2	17° 0	2°48	12°24	1°34	23°25	16°46	16°53	20°D27	22° 8	23°33	n.a.	W 6
T 7	18 17 44	3° 0'56	28° 6	22°58	18°14	3°22	12°35	1°41	23°24	16°45	16°53	20°28	22° 4	23°40	n.a.	T 7
F 8	18 21 40	3°58'35	10♍33	22°49	19°28	3°56	12°46	1°48	23°22	16°43	16°52	20°29	22° 1	23°46	n.a.	F 8
S 9	18 25 37	4°56'16	23°17	22°34	20°42	4°30	12°57	1°55	23°20	16°42	16°52	20°30	21°58	23°53	n.a.	S 9
S 10	18 29 33	5°53'58	6♎24	22°13	21°56	5° 3	13° 8	2° 2	23°19	16°40	16°52	20°R30	21°55	24° 0	n.a.	S 10
M11	18 33 30	6°51'41	19°55	21°47	23°10	5°36	13°18	2° 9	23°17	16°38	16°52	20°30	21°52	24° 6	n.a.	M11
T 12	18 37 27	7°49'25	3♏53	21°16	24°24	6° 9	13°29	2°16	23°16	16°37	16°51	20°27	21°49	24°13	n.a.	T 12
W13	18 41 23	8°47'10	18°17	20°39	25°38	6°41	13°39	2°23	23°14	16°35	16°51	20°23	21°45	24°20	n.a.	W13
T 14	18 45 20	9°44'57	3♐ 5	19°58	26°52	7°13	13°50	2°30	23°13	16°34	16°51	20°18	21°42	24°27	n.a.	T 14
F 15	18 49 16	10°42'46	18°10	19°12	28° 6	7°45	14° 0	2°37	23°11	16°32	16°50	20°12	21°39	24°33	n.a.	F 15
S 16	18 53 13	11°40'36	3♑23	18°23	29°20	8°17	14°10	2°43	23°10	16°30	16°50	20° 6	21°36	24°40	n.a.	S 16
S 17	18 57 9	12°38'27	18°35	17°32	0♌34	8°48	14°20	2°50	23° 9	16°29	16°50	20° 2	21°33	24°47	n.a.	S 17
M18	19 1 6	13°36'21	3♒34	16°38	1°48	9°19	14°30	2°57	23° 8	16°27	16°49	19°59	21°29	24°53	n.a.	M18
T 19	19 5 2	14°34'16	18°13	15°44	3° 2	9°50	14°40	3° 3	23° 6	16°25	16°49	19°D58	21°26	25° 0	n.a.	T 19
W20	19 8 59	15°32'13	2♓27	14°49	4°16	10°21	14°50	3°10	23° 5	16°24	16°48	19°59	21°23	25° 7	n.a.	W20
T 21	19 12 56	16°30'11	16°14	13°56	5°30	10°51	15° 0	3°16	23° 4	16°22	16°48	20° 0	21°20	25°14	n.a.	T 21
F 22	19 16 52	17°28'12	29°33	13° 6	6°44	11°21	15° 9	3°23	23° 3	16°20	16°47	20° 2	21°17	25°20	n.a.	F 22
S 23	19 20 49	18°26'15	12♈28	12°19	7°58	11°50	15°19	3°29	23° 2	16°19	16°47	20° 3	21°14	25°27	n.a.	S 23
S 24	19 24 45	19°24'20	25° 3	11°37	9°12	12°19	15°28	3°35	23° 1	16°17	16°46	20°R 3	21°10	25°34	n.a.	S 24
M25	19 28 42	20°22'27	7♉20	11° 1	10°26	12°48	15°37	3°42	23° 0	16°16	16°46	20° 2	21° 7	25°40	n.a.	M25
T 26	19 32 38	21°20'37	19°26	10°31	11°40	13°17	15°46	3°48	22°59	16°14	16°45	19°59	21° 4	25°47	n.a.	T 26
W27	19 36 35	22°18'48	1♊22	10° 9	12°54	13°45	15°55	3°54	22°58	16°12	16°45	19°55	21° 1	25°54	n.a.	W27
T 28	19 40 31	23°17'02	13°14	9°54	14° 8	14°13	16° 4	4° 0	22°57	16°11	16°44	19°51	20°58	26° 0	n.a.	T 28
F 29	19 44 28	24°15'17	25° 5	9°D48	15°22	14°40	16°13	4° 6	22°57	16° 9	16°43	19°46	20°55	26° 7	n.a.	F 29
S 30	19 48 25	25°13'35	6♋56	9°50	16°36	15° 7	16°21	4°12	22°56	16° 7	16°43	19°42	20°51	26°14	n.a.	S 30
S 31	19 52 21	26♋11'55	18♋51	10♋ 1	17♌50	15♈34	16♉30	4♊18	22♏55	16♑ 6	16♓42	19♒39	20♒48	26♊21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n48	27n41	4n36	19n39	2s22	24n45	1n22	2s17	2s27	14n47	0s46	19n36	1s 7	18s56	0n 3	23s 3	0s19	21s 0	17s13	14s45	14s16	28n 4		n.a.
S 2	23 49	27 52	4 3	19 23	2 35	24 39	1 23	2 3	2 28	14 51	0 46	19 38	1 7	18 55	0 3	23 3	0 19	21 0	17 13	14 48	14 17	28 4		n.a.
S 3	23 50	26 46	3 20	19 8	2 47	24 33	1 24	1 49	2 28	14 55	0 46	19 39	1 7	18 55	0 3	23 4	0 19	21 0	17 14	14 51	14 19	28 4		n.a.
M 4	23 50	24 27	2 28	18 54	3 0	24 26	1 25	1 35	2 28	14 58	0 46	19 41	1 7	18 54	0 3	23 4	0 19	21 1	17 14	14 53	14 20	28 4		n.a.
T 5	23 50	21 3	1 29	18 41	3 12	24 18	1 26	1 22	2 29	15 2	0 46	19 42	1 7	18 54	0 3	23 4	0 19	21 1	17 14	14 54	14 21	28 4		n.a.
W 6	23 49	16 44	0 25	18 29	3 23	24 9	1 26	1 8	2 29	15 5	0 46	19 44	1 7	18 53	0 3	23 4	0 19	21 1	17 15	14 54	14 22	28 3		n.a.
T 7	23 48	11 41	0s41	18 19	3 34	24 0	1 27	0 55	2 29	15 8	0 46	19 45	1 6	18 53	0 3	23 5	0 19	21 2	17 15	14 54	14 23	28 3		n.a.
F 8	23 46	6 6	1 46	18 10	3 45	23 50	1 28	0 41	2 30	15 12	0 46	19 47	1 6	18 53	0 3	23 5	0 19	21 2	17 15	14 54	14 24	28 3		n.a.
S 9	23 44	0 8	2 48	18 3	3 55	23 39	1 28	0 28	2 30	15 15	0 46	19 48	1 6	18 52	0 3	23 5	0 19	21 3	17 16	14 54	14 25	28 3		n.a.
S 10	23 42	5s59	3 43	17 57	4 4	23 28	1 28	0 15	2 30	15 18	0 46	19 49	1 6	18 52	0 3	23 5	0 19	21 3	17 16	14 53	14 26	28 3		n.a.
M11	23 39	12 1	4 27	17 53	4 12	23 16	1 29	0 2	2 30	15 22	0 46	19 51	1 6	18 51	0 3	23 5	0 19	21 3	17 16	14 54	14 27	28 3		n.a.
T 12	23 36	17 39	4 57	17 51	4 19	23 3	1 29	0n11	2 31	15 25	0 46	19 52	1 6	18 51	0 3	23 6	0 19	21 4	17 17	14 54	14 28	28 3		n.a.
W13	23 32	22 30	5 9	17 51	4 24	22 49	1 29	0 24	2 31	15 28	0 46	19 54	1 6	18 51	0 3	23 6	0 19	21 4	17 17	14 56	14 29	28 2		n.a.
T 14	23 28	26 3	5 2	17 53	4 29	22 35	1 29	0 36	2 31	15 31	0 46	19 55	1 6	18 50	0 3	23 6	0 19	21 5	17 17	14 57	14 30	28 2		n.a.
F 15	23 23	27 50	4 34	17 57	4 31	22 20	1 30	0 49	2 31	15 34	0 46	19 56	1 6	18 50	0 3	23 6	0 19	21 5	17 18	14 59	14 31	28 2		n.a.
S 16	23 18	27 33	3 46	18 3	4 32	22 5	1 30	1 1	2 31	15 37	0 46	19 58	1 6	18 50	0 3	23 6	0 19	21 6	17 18	15 1	14 32	28 2		n.a.
S 17	23 13	25 12	2 42	18 11	4 31	21 49	1 29	1 14	2 32	15 40	0 46	19 59	1 6	18 49	0 3	23 7	0 19	21 6	17 18	15 2	14 33	28 2		n.a.
M18	23 7	21 6	1 28	18 21	4 28	21 32	1 29	1 26	2 32	15 43	0 46	20 0	1 6	18 49	0 3	23 7	0 19	21 6	17 19	15 3	14 34	28 2		n.a.
T 19	23 1	15 46	0 10	18 32	4 23	21 15	1 29	1 38	2 32	15 46	0 46	20 2	1 6	18 49	0 2	23 7	0 19	21 7	17 19	15 4	14 35	28 1		n.a.
W20	22 54	9 43	1n 8	18 45	4 16	20 57	1 29	1 50	2 32	15 49	0 46	20 3	1 6	18 48	0 2	23 7	0 19	21 7	17 19	15 3	14 36	28 1		n.a.
T 21	22 47	3 24	2 18	18 59	4 7	20 38	1 29	2 2	2 32	15 52	0 46	20 4	1 6	18 48	0 2	23 8	0 19	21 8	17 20	15 3	14 37	28 1		n.a.
F 22	22 40	2n52	3 19	19 15	3 57	20 19	1 28	2 14	2 32	15 55	0 46	20 5	1 6	18 48	0 2	23 8	0 19	21 8	17 20	15 3	14 38	28 1		n.a.
S 23	22 32	8 48	4 8	19 31	3 45	19 59	1 28	2 25	2 32	15 58	0 46	20 7	1 6	18 48	0 2	23 8	0 19	21 9	17 20	15 2	14 39	28 0		n.a.
S 24	22 24	14 14	4 44	19 48	3 31	19 39	1 27	2 37	2 33	16 0	0 46	20 8	1 6	18 47	0 2	23 8	0 19	21 9	17 20	15 2	14 40	28 0		n.a.
M25	22 15	18 59	5 5	20 6	3 16	19 18	1 26	2 48	2 33	16 3	0 46	20 9	1 6	18 47	0 2	23 8	0 19	21 10	17 21	15 3	14 41	28 0		n.a.
T 26	22 6	22 53	5 13	20 25	3 0	18 56	1 26	2 59	2 33	16 6	0 46	20 10	1 6	18 47	0 2	23 9	0 19	21 10	17 21	15 3	14 42	28 0		n.a.
W27	21 57	25 46	5 7	20 43	2 43	18 34	1 25	3 10	2 33	16 8	0 46	20 11	1 6	18 47	0 2	23 9	0 19	21 11	17 21	15 5	14 43	27 59		n.a.
T 28	21 47	27 31	4 47	21 2	2 26	18 12	1 24	3 21	2 33	16 11	0 46	20 13	1 6	18 46	0 2	23 9	0 19	21 11	17 22	15 6	14 45	27 59		n.a.
F 29	21 37	28 0	4 16	21 20	2 8	17 49	1 23	3 32	2 33	16 13	0 46	20 14	1 6	18 46	0 2	23 9	0 19	21 12	17 22	15 8	14 46	27 59		n.a.
S 30	21 26	27 12	3 33	21 38	1 50	17 25	1 22	3 42	2 33	16 16	0 46	20 15	1 6	18 46	0 2	23 9	0 19	21 12	17 22	15 9	14 47	27 58		n.a.
S 31	21n15	25n 8	2n41	21n55	1s32	17n 2	1n21	3n53	2s33	16n18	0s46	20n16	1s 6	18s46	0n 2	23s10	0s19	21s13	17s22	15s10	14s48	27n58		n.a.

Julian Day Number = 1312524.5, Delta T = 07h40m16s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'44, Lahiri = -19°24'44 Julian Calendar 1 July 1120 BCE == Greg. Calendar 20 June 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

AUGUST 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 56 18	27♋10'16	0♌51	10♋21	19♌ 4	16♈ 0	16♉38	4♊24	22°R55	16°R 4	16°R41	19°R36	20♒45	26♊27	n.a.	M 1
T 2	20 0 14	28° 8'40	12°57	10°50	20°18	16°26	16°46	4°29	22♏54	16♑ 3	16♓41	19♒35	20°42	26°34	n.a.	T 2
W 3	20 4 11	29° 7'05	25°13	11°27	21°32	16°51	16°54	4°35	22°53	16° 1	16°40	19°D35	20°39	26°41	n.a.	W 3
T 4	20 8 7	0♌ 5'33	7♍39	12°13	22°45	17°16	17° 2	4°41	22°53	15°59	16°39	19°36	20°35	26°47	n.a.	T 4
F 5	20 12 4	1° 4'02	20°18	13° 6	23°59	17°40	17°10	4°46	22°53	15°58	16°39	19°37	20°32	26°54	n.a.	F 5
S 6	20 16 0	2° 2'33	3♎11	14° 7	25°13	18° 4	17°18	4°52	22°52	15°56	16°38	19°39	20°29	27° 1	n.a.	S 6
S 7	20 19 57	3° 1'06	16°22	15°15	26°27	18°28	17°25	4°57	22°52	15°55	16°37	19°40	20°26	27° 7	n.a.	S 7
M 8	20 23 54	3°59'40	29°52	16°29	27°41	18°51	17°33	5° 2	22°52	15°53	16°36	19°R40	20°23	27°14	n.a.	M 8
T 9	20 27 50	4°58'17	13♏42	17°49	28°55	19°14	17°40	5° 7	22°51	15°52	16°36	19°40	20°20	27°21	n.a.	T 9
W10	20 31 47	5°56'55	27°53	19°15	0♍ 9	19°36	17°47	5°13	22°51	15°50	16°35	19°39	20°16	27°27	n.a.	W10
T 11	20 35 43	6°55'35	12♐23	20°45	1°23	19°58	17°54	5°18	22°51	15°49	16°34	19°38	20°13	27°34	n.a.	T 11
F 12	20 39 40	7°54'17	27° 7	22°19	2°37	20°19	18° 1	5°23	22°51	15°47	16°33	19°37	20°10	27°41	n.a.	F 12
S 13	20 43 36	8°53'01	12♑ 0	23°56	3°51	20°40	18° 7	5°28	22°D51	15°46	16°32	19°36	20° 7	27°48	n.a.	S 13
S 14	20 47 33	9°51'47	26°55	25°37	5° 4	21° 0	18°14	5°32	22°51	15°44	16°31	19°35	20° 4	27°54	n.a.	S 14
M15	20 51 29	10°50'34	11♒43	27°20	6°18	21°20	18°20	5°37	22°51	15°43	16°30	19°34	20° 1	28° 1	n.a.	M15
T 16	20 55 26	11°49'24	26°17	29° 5	7°32	21°39	18°26	5°42	22°51	15°41	16°29	19°D34	19°57	28° 8	n.a.	T 16
W17	20 59 22	12°48'16	10♓31	0♌52	8°46	21°57	18°32	5°46	22°51	15°40	16°29	19°34	19°54	28°14	n.a.	W17
T 18	21 3 19	13°47'11	24°21	2°40	10° 0	22°15	18°38	5°51	22°52	15°38	16°28	19°35	19°51	28°21	n.a.	T 18
F 19	21 7 16	14°46'07	7♈46	4°28	11°13	22°33	18°44	5°55	22°52	15°37	16°27	19°35	19°48	28°28	n.a.	F 19
S 20	21 11 12	15°45'07	20°47	6°18	12°27	22°50	18°49	6° 0	22°52	15°36	16°26	19°36	19°45	28°34	n.a.	S 20
S 21	21 15 9	16°44'08	3♉26	8° 7	13°41	23° 6	18°55	6° 4	22°53	15°34	16°25	19°36	19°41	28°41	n.a.	S 21
M22	21 19 5	17°43'12	15°46	9°57	14°55	23°21	19° 0	6° 8	22°53	15°33	16°24	19°R36	19°38	28°48	n.a.	M22
T 23	21 23 2	18°42'19	27°52	11°46	16° 8	23°36	19° 5	6°12	22°54	15°32	16°23	19°36	19°35	28°55	n.a.	T 23
W24	21 26 58	19°41'28	9♊48	13°36	17°22	23°51	19°10	6°16	22°54	15°30	16°22	19°D36	19°32	29° 1	n.a.	W24
T 25	21 30 55	20°40'39	21°40	15°25	18°36	24° 4	19°15	6°20	22°55	15°29	16°21	19°36	19°29	29° 8	n.a.	T 25
F 26	21 34 51	21°39'53	3♋30	17°13	19°49	24°17	19°19	6°24	22°55	15°28	16°20	19°36	19°26	29°15	n.a.	F 26
S 27	21 38 48	22°39'09	15°24	19° 1	21° 3	24°30	19°24	6°27	22°56	15°27	16°19	19°37	19°22	29°21	n.a.	S 27
S 28	21 42 45	23°38'28	27°24	20°48	22°17	24°41	19°28	6°31	22°57	15°25	16°18	19°37	19°19	29°28	n.a.	S 28
M29	21 46 41	24°37'49	9♌32	22°35	23°30	24°52	19°32	6°34	22°58	15°24	16°17	19°37	19°16	29°35	n.a.	M29
T 30	21 50 38	25°37'12	21°52	24°21	24°44	25° 2	19°36	6°38	22°58	15°23	16°16	19°R37	19°13	29°41	n.a.	T 30
W31	21 54 34	26♌36'37	4♍24	26♌ 6	25♍58	25♈12	19♉39	6♊41	22♏59	15♑22	16♓15	19♒37	19♒10	29♊48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n 4	21n57	1n41	22n11	1s14	16n37	1n20	4n 3	2s33	16n21	0s46	20n17	1s 6	18s46	0n 2	23s10	0s19	21s13	17s23	15s11	14s49	27n58			n.a.
T 2	20 52	17 47	0 36	22 27	0 56	16 12	1 19	4 13	2 33	16 23	0 46	20 18	1 6	18 46	0 2	23 10	0 19	21 14	17 23	15 11	14 50	27 57			n.a.
W 3	20 40	12 50	0s31	22 40	0 39	15 47	1 18	4 23	2 33	16 25	0 46	20 19	1 6	18 46	0 2	23 10	0 19	21 14	17 23	15 11	14 51	27 57			n.a.
T 4	20 28	7 19	1 38	22 53	0 23	15 21	1 17	4 32	2 33	16 28	0 46	20 20	1 6	18 45	0 2	23 11	0 19	21 15	17 23	15 11	14 52	27 57			n.a.
F 5	20 15	1 26	2 42	23 3	0 7	14 55	1 15	4 42	2 33	16 30	0 46	20 21	1 6	18 45	0 2	23 11	0 19	21 15	17 24	15 10	14 53	27 56			n.a.
S 6	20 2	4s37	3 38	23 11	0n 7	14 29	1 14	4 51	2 33	16 32	0 46	20 22	1 6	18 45	0 2	23 11	0 19	21 16	17 24	15 10	14 54	27 56			n.a.
S 7	19 48	10 36	4 25	23 18	0 21	14 2	1 12	5 0	2 32	16 34	0 46	20 23	1 6	18 45	0 2	23 11	0 19	21 16	17 24	15 10	14 55	27 56			n.a.
M 8	19 34	16 14	4 58	23 22	0 34	13 35	1 11	5 10	2 32	16 36	0 46	20 24	1 6	18 45	0 2	23 11	0 19	21 17	17 24	15 9	14 56	27 55			n.a.
T 9	19 20	21 12	5 15	23 23	0 46	13 7	1 9	5 18	2 32	16 38	0 46	20 25	1 6	18 45	0 2	23 11	0 19	21 18	17 25	15 9	14 57	27 55			n.a.
W10	19 5	25 5	5 13	23 22	0 57	12 39	1 7	5 27	2 32	16 40	0 46	20 26	1 6	18 45	0 2	23 12	0 19	21 18	17 25	15 10	14 58	27 54			n.a.
T 11	18 51	27 28	4 52	23 18	1 7	12 11	1 6	5 35	2 32	16 42	0 46	20 27	1 6	18 45	0 2	23 12	0 19	21 19	17 25	15 10	14 59	27 54			n.a.
F 12	18 35	27 59	4 11	23 11	1 16	11 42	1 4	5 44	2 32	16 44	0 46	20 28	1 6	18 45	0 2	23 12	0 19	21 19	17 25	15 11	15 0	27 54			n.a.
S 13	18 20	26 29	3 13	23 2	1 23	11 13	1 2	5 52	2 31	16 46	0 46	20 28	1 6	18 45	0 2	23 12	0 19	21 20	17 26	15 11	15 1	27 53			n.a.
S 14	18 4	23 7	2 2	22 50	1 30	10 44	1 0	6 0	2 31	16 48	0 46	20 29	1 6	18 45	0 2	23 12	0 19	21 20	17 26	15 11	15 2	27 53			n.a.
M15	17 48	18 15	0 43	22 36	1 36	10 15	0 58	6 7	2 31	16 49	0 47	20 30	1 6	18 45	0 2	23 13	0 19	21 21	17 26	15 11	15 3	27 52			n.a.
T 16	17 31	12 23	0n37	22 19	1 40	9 45	0 56	6 15	2 31	16 51	0 47	20 31	1 6	18 45	0 2	23 13	0 19	21 21	17 26	15 11	15 4	27 52			n.a.
W17	17 15	6 0	1 54	21 59	1 44	9 15	0 54	6 22	2 30	16 53	0 47	20 32	1 7	18 45	0 2	23 13	0 19	21 22	17 26	15 11	15 5	27 51			n.a.
T 18	16 57	0n29	3 1	21 37	1 47	8 45	0 52	6 29	2 30	16 54	0 47	20 33	1 7	18 45	0 2	23 13	0 20	21 22	17 27	15 11	15 6	27 51			n.a.
F 19	16 40	6 45	3 57	21 13	1 49	8 14	0 50	6 36	2 29	16 56	0 47	20 33	1 7	18 45	0 2	23 13	0 20	21 23	17 27	15 11	15 7	27 51			n.a.
S 20	16 22	12 31	4 38	20 47	1 51	7 43	0 47	6 43	2 29	16 57	0 47	20 34	1 7	18 45	0 2	23 13	0 20	21 24	17 27	15 11	15 8	27 50			n.a.
S 21	16 5	17 37	5 5	20 19	1 51	7 13	0 45	6 49	2 29	16 59	0 47	20 35	1 7	18 46	0 2	23 14	0 20	21 24	17 27	15 11	15 9	27 50			n.a.
M22	15 46	21 52	5 17	19 50	1 51	6 42	0 43	6 56	2 28	17 0	0 47	20 35	1 7	18 46	0 2	23 14	0 20	21 25	17 27	15 11	15 10	27 49			n.a.
T 23	15 28	25 6	5 14	19 18	1 51	6 10	0 40	7 2	2 28	17 2	0 47	20 36	1 7	18 46	0 2	23 14	0 20	21 25	17 28	15 11	15 11	27 49			n.a.
W24	15 9	27 11	4 58	18 46	1 49	5 39	0 38	7 7	2 27	17 3	0 47	20 37	1 7	18 46	0 2	23 14	0 20	21 26	17 28	15 11	15 12	27 48			n.a.
T 25	14 50	28 2	4 29	18 11	1 48	5 7	0 35	7 13	2 27	17 4	0 47	20 37	1 7	18 46	0 2	23 14	0 20	21 26	17 28	15 11	15 13	27 48			n.a.
F 26	14 31	27 36	3 49	17 36	1 45	4 36	0 33	7 18	2 26	17 6	0 47	20 38	1 7	18 46	0 2	23 14	0 20	21 27	17 28	15 11	15 14	27 47			n.a.
S 27	14 11	25 53	2 59	16 59	1 43	4 4	0 30	7 23	2 26	17 7	0 47	20 39	1 7	18 46	0 2	23 15	0 20	21 27	17 28	15 11	15 15	27 47			n.a.
S 28	13 52	22 59	2 0	16 22	1 39	3 32	0 28	7 28	2 25	17 8	0 47	20 39	1 7	18 47	0 2	23 15	0 20	21 28	17 28	15 10	15 16	27 46			n.a.
M29	13 31	19 3	0 56	15 43	1 36	3 0	0 25	7 33	2 24	17 9	0 47	20 40	1 7	18 47	0 2	23 15	0 20	21 28	17 28	15 10	15 17	27 45			n.a.
T 30	13 11	14 15	0s12	15 4	1 32	2 28	0 22	7 37	2 24	17 10	0 47	20 40	1 7	18 47	0 2	23 15	0 20	21 29	17 29	15 10	15 18	27 45			n.a.
W31	12n51	8n48	1s21	14n24	1n28	1n56	0n19	7n41	2s23	17n11	0s47	20n41	1s 7	18s47	0n 2	23s15	0s20	21s30	17s29	15s10	15s19	27n44			n.a.

Julian Day Number = 1312555.5, Delta T = 07h40m14s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'40, Lahiri = -19°24'39 Julian Calendar 1 Aug. 1120 BCE == Greg. Calendar 21 July 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

SEPTEMBER 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 58 31	27♌36'05	17♍10	27♌51	27♍11	25♈20	19♉43	6♊44	23♏ 0	15°R21	16°R13	19°R37	19♒ 7	29♊55	n.a.	T 1
F 2	22 2 27	28°35'34	0♎ 9	29°34	28°25	25°28	19°46	6°47	23° 1	15♑20	16♓12	19♒36	19° 3	0♋ 1	n.a.	F 2
S 3	22 6 24	29°35'05	13°21	1♍18	29°38	25°36	19°49	6°50	23° 2	15°19	16°11	19°34	19° 0	0° 8	n.a.	S 3
S 4	22 10 20	0♍34'39	26°47	3° 0	0♎52	25°42	19°52	6°53	23° 3	15°17	16°10	19°33	18°57	0°15	n.a.	S 4
M 5	22 14 17	1°34'14	10♏27	4°41	2° 5	25°47	19°55	6°56	23° 5	15°16	16° 9	19°32	18°54	0°22	n.a.	M 5
T 6	22 18 13	2°33'52	24°19	6°22	3°19	25°52	19°57	6°59	23° 6	15°15	16° 8	19°31	18°51	0°28	n.a.	T 6
W 7	22 22 10	3°33'31	8♐22	8° 2	4°32	25°56	19°59	7° 1	23° 7	15°14	16° 7	19°D31	18°47	0°35	n.a.	W 7
T 8	22 26 7	4°33'12	22°36	9°42	5°46	25°59	20° 1	7° 4	23° 8	15°14	16° 6	19°32	18°44	0°42	n.a.	T 8
F 9	22 30 3	5°32'55	6♑58	11°20	6°59	26° 2	20° 3	7° 6	23°10	15°13	16° 5	19°33	18°41	0°48	n.a.	F 9
S 10	22 34 0	6°32'40	21°24	12°58	8°13	26° 3	20° 5	7° 9	23°11	15°12	16° 3	19°34	18°38	0°55	n.a.	S 10
S 11	22 37 56	7°32'27	5♒52	14°36	9°26	26°R 4	20° 7	7°11	23°13	15°11	16° 2	19°35	18°35	1° 2	n.a.	S 11
M12	22 41 53	8°32'16	20°16	16°13	10°40	26° 3	20° 8	7°13	23°14	15°10	16° 1	19°R35	18°32	1° 8	n.a.	M12
T 13	22 45 49	9°32'06	4♓31	17°49	11°53	26° 2	20° 9	7°15	23°16	15° 9	16° 0	19°35	18°28	1°15	n.a.	T 13
W14	22 49 46	10°31'59	18°32	19°24	13° 6	26° 0	20°10	7°17	23°17	15° 9	15°59	19°33	18°25	1°22	n.a.	W14
T 15	22 53 42	11°31'53	2♈15	20°59	14°19	25°57	20°11	7°18	23°19	15° 8	15°58	19°30	18°22	1°28	n.a.	T 15
F 16	22 57 39	12°31'50	15°38	22°34	15°33	25°54	20°11	7°20	23°20	15° 7	15°57	19°27	18°19	1°35	n.a.	F 16
S 17	23 1 35	13°31'49	28°40	24° 7	16°46	25°49	20°12	7°21	23°22	15° 6	15°56	19°23	18°16	1°42	n.a.	S 17
S 18	23 5 32	14°31'51	11♉20	25°41	17°59	25°44	20°R12	7°23	23°24	15° 6	15°54	19°20	18°12	1°48	n.a.	S 18
M19	23 9 29	15°31'54	23°43	27°13	19°12	25°37	20°12	7°24	23°26	15° 5	15°53	19°17	18° 9	1°55	n.a.	M19
T 20	23 13 25	16°32'00	5♊51	28°46	20°25	25°30	20°12	7°25	23°28	15° 4	15°52	19°15	18° 6	2° 2	n.a.	T 20
W21	23 17 22	17°32'09	17°48	0♎17	21°39	25°22	20°11	7°26	23°30	15° 4	15°51	19°D14	18° 3	2° 9	n.a.	W21
T 22	23 21 18	18°32'19	29°39	1°48	22°52	25°13	20°11	7°27	23°32	15° 3	15°50	19°15	18° 0	2°15	n.a.	T 22
F 23	23 25 15	19°32'32	11♋30	3°19	24° 5	25° 3	20°10	7°28	23°34	15° 3	15°49	19°16	17°57	2°22	n.a.	F 23
S 24	23 29 11	20°32'47	23°24	4°49	25°18	24°52	20° 9	7°29	23°36	15° 2	15°47	19°18	17°53	2°29	n.a.	S 24
S 25	23 33 8	21°33'04	5♌27	6°19	26°31	24°40	20° 7	7°29	23°38	15° 2	15°46	19°20	17°50	2°35	n.a.	S 25
M26	23 37 4	22°33'23	17°43	7°48	27°44	24°28	20° 6	7°30	23°40	15° 2	15°45	19°R21	17°47	2°42	n.a.	M26
T 27	23 41 1	23°33'45	0♍15	9°17	28°57	24°15	20° 4	7°30	23°42	15° 1	15°44	19°20	17°44	2°49	n.a.	T 27
W28	23 44 58	24°34'08	13° 4	10°45	0♏10	24° 0	20° 2	7°31	23°44	15° 1	15°43	19°18	17°41	2°55	n.a.	W28
T 29	23 48 54	25°34'33	26°11	12°13	1°23	23°46	20° 0	7°31	23°46	15° 1	15°42	19°14	17°38	3° 2	n.a.	T 29
F 30	23 52 51	26♍35'00	9♎35	13♎40	2♏36	23♈30	19♉58	7°R31	23♏49	15♑ 0	15♓41	19♒ 8	17♒34	3♋ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n30	2n54	2s27	13n43	1n23	1n23	0n17	7n45	2s22	17n12	0s47	20n41	1s 7	18s48	0n 2	23s15	0s20	21s30	17s29	15s11	15s20	27n44		n.a.
F 2	12 9	3s12	3 26	13 2	1 18	0 51	0 14	7 49	2 21	17 13	0 47	20 42	1 7	18 48	0 2	23 15	0 20	21 31	17 29	15 11	15 21	27 43		n.a.
S 3	11 48	9 16	4 16	12 20	1 13	0 19	0 11	7 52	2 21	17 13	0 47	20 42	1 7	18 48	0 2	23 16	0 20	21 31	17 29	15 11	15 22	27 43		n.a.
S 4	11 27	15 1	4 52	11 37	1 8	0s13	0 8	7 55	2 20	17 14	0 47	20 43	1 7	18 48	0 2	23 16	0 20	21 32	17 29	15 12	15 23	27 42		n.a.
M 5	11 5	20 7	5 12	10 55	1 2	0 46	0 5	7 58	2 19	17 15	0 47	20 43	1 7	18 49	0 2	23 16	0 20	21 32	17 29	15 12	15 24	27 41		n.a.
T 6	10 44	24 14	5 15	10 12	0 57	1 18	0 2	8 1	2 18	17 16	0 47	20 44	1 7	18 49	0 2	23 16	0 20	21 33	17 29	15 12	15 25	27 41		n.a.
W 7	10 22	26 59	4 59	9 28	0 51	1 51	0s 1	8 3	2 17	17 16	0 47	20 44	1 7	18 49	0 2	23 16	0 20	21 33	17 29	15 12	15 26	27 40		n.a.
T 8	10 0	28 2	4 25	8 45	0 45	2 23	0 4	8 5	2 16	17 17	0 47	20 45	1 7	18 50	0 2	23 16	0 20	21 34	17 29	15 12	15 27	27 40		n.a.
F 9	9 38	27 13	3 34	8 1	0 38	2 55	0 7	8 7	2 15	17 17	0 47	20 45	1 7	18 50	0 2	23 16	0 20	21 34	17 29	15 12	15 28	27 39		n.a.
S 10	9 15	24 33	2 29	7 17	0 32	3 27	0 10	8 9	2 14	17 18	0 47	20 45	1 7	18 50	0 2	23 16	0 20	21 35	17 29	15 11	15 29	27 38		n.a.
S 11	8 53	20 19	1 15	6 33	0 26	3 59	0 13	8 10	2 13	17 18	0 47	20 46	1 7	18 51	0 2	23 17	0 20	21 35	17 30	15 11	15 30	27 38		n.a.
M12	8 30	14 55	0n 4	5 49	0 19	4 31	0 16	8 11	2 11	17 18	0 47	20 46	1 7	18 51	0 2	23 17	0 20	21 36	17 30	15 11	15 31	27 37		n.a.
T 13	8 7	8 45	1 21	5 5	0 13	5 3	0 19	8 12	2 10	17 19	0 47	20 46	1 7	18 52	0 2	23 17	0 20	21 36	17 30	15 11	15 32	27 36		n.a.
W14	7 44	2 16	2 33	4 21	0 6	5 35	0 22	8 12	2 9	17 19	0 47	20 46	1 7	18 52	0 2	23 17	0 20	21 37	17 30	15 12	15 33	27 36		n.a.
T 15	7 21	4n10	3 34	3 37	0s 1	6 7	0 25	8 13	2 7	17 19	0 47	20 47	1 7	18 53	0 2	23 17	0 20	21 37	17 30	15 13	15 34	27 35		n.a.
F 16	6 58	10 15	4 21	2 53	0 7	6 39	0 28	8 13	2 6	17 19	0 47	20 47	1 7	18 53	0 2	23 17	0 20	21 38	17 30	15 14	15 35	27 34		n.a.
S 17	6 35	15 44	4 54	2 10	0 14	7 10	0 31	8 12	2 5	17 19	0 47	20 47	1 7	18 53	0 2	23 17	0 20	21 38	17 30	15 15	15 36	27 34		n.a.
S 18	6 11	20 23	5 11	1 26	0 21	7 41	0 34	8 12	2 3	17 19	0 47	20 47	1 7	18 54	0 2	23 17	0 20	21 39	17 30	15 16	15 37	27 33		n.a.
M19	5 48	24 3	5 13	0 42	0 27	8 13	0 37	8 11	2 2	17 19	0 47	20 48	1 7	18 54	0 2	23 17	0 20	21 39	17 30	15 17	15 38	27 32		n.a.
T 20	5 24	26 34	5 1	0s 1	0 34	8 44	0 40	8 10	2 0	17 19	0 48	20 48	1 7	18 55	0 2	23 17	0 20	21 39	17 30	15 18	15 39	27 31		n.a.
W21	5 0	27 50	4 36	0 44	0 41	9 14	0 43	8 8	1 58	17 19	0 48	20 48	1 8	18 55	0 2	23 17	0 20	21 40	17 30	15 18	15 40	27 31		n.a.
T 22	4 36	27 49	3 59	1 27	0 47	9 45	0 46	8 6	1 57	17 19	0 48	20 48	1 8	18 56	0 2	23 17	0 20	21 40	17 30	15 18	15 41	27 30		n.a.
F 23	4 12	26 31	3 13	2 10	0 54	10 15	0 50	8 4	1 55	17 19	0 48	20 48	1 8	18 56	0 2	23 17	0 20	21 41	17 30	15 17	15 42	27 29		n.a.
S 24	3 48	24 1	2 17	2 52	1 1	10 45	0 53	8 2	1 53	17 18	0 48	20 48	1 8	18 57	0 2	23 18	0 20	21 41	17 30	15 16	15 43	27 29		n.a.
S 25	3 24	20 26	1 15	3 34	1 7	11 15	0 56	7 59	1 51	17 18	0 48	20 48	1 8	18 57	0 2	23 18	0 20	21 42	17 29	15 16	15 44	27 28		n.a.
M26	3 0	15 55	0 9	4 16	1 13	11 45	0 59	7 57	1 49	17 18	0 48	20 48	1 8	18 58	0 2	23 18	0 20	21 42	17 29	15 16	15 45	27 27		n.a.
T 27	2 36	10 39	0s59	4 57	1 20	12 14	1 2	7 54	1 47	17 17	0 48	20 48	1 8	18 59	0 2	23 18	0 20	21 42	17 29	15 16	15 46	27 26		n.a.
W28	2 11	4 50	2 6	5 38	1 26	12 43	1 5	7 50	1 45	17 17	0 48	20 48	1 8	18 59	0 2	23 18	0 20	21 43	17 29	15 17	15 47	27 25		n.a.
T 29	1 47	1s19	3 7	6 19	1 32	13 12	1 8	7 47	1 43	17 16	0 48	20 48	1 8	19 0	0 2	23 18	0 20	21 43	17 29	15 18	15 48	27 25		n.a.
F 30	1n23	7s31	3s59	6s58	1s38	13s41	1s11	7n43	1s41	17n15	0s48	20n48	1s 8	19s 0	0n 2	23s18	0s20	21s44	17s29	15s20	15s49	27n24		n.a.

Julian Day Number = 1312586.5, Delta T = 07h40m13s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'36, Lahiri = -19°24'35 Julian Calendar 1 Sept. 1120 BCE == Greg. Calendar 21 Aug. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

OCTOBER 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 47	27♍35'28	23♎15	15♎ 6	3♏49	23°R13	19°R56	7°R31	23♏51	15°R 0	15°R40	19°R 2	17♒31	3♋15	n.a.	S 1
S 2	0 0 44	28°35'59	7♏ 6	16°32	5° 1	22♈56	19♉53	7♊31	23°53	15♑ 0	15♓38	18♒55	17°28	3°22	n.a.	S 2
M 3	0 4 40	29°36'31	21° 7	17°57	6°14	22°38	19°50	7°30	23°56	15° 0	15°37	18°49	17°25	3°29	n.a.	M 3
T 4	0 8 37	0♎37'04	5♐13	19°21	7°27	22°20	19°47	7°30	23°58	15° 0	15°36	18°45	17°22	3°35	n.a.	T 4
W 5	0 12 33	1°37'39	19°22	20°45	8°40	22° 1	19°44	7°29	24° 1	15° 0	15°35	18°42	17°18	3°42	n.a.	W 5
T 6	0 16 30	2°38'15	3♑30	22° 8	9°52	21°41	19°40	7°29	24° 3	14°59	15°34	18°D42	17°15	3°49	n.a.	T 6
F 7	0 20 27	3°38'53	17°38	23°29	11° 5	21°21	19°37	7°28	24° 6	14°D59	15°33	18°42	17°12	3°55	n.a.	F 7
S 8	0 24 23	4°39'32	1♒43	24°50	12°18	21° 0	19°33	7°27	24° 9	14°59	15°32	18°44	17° 9	4° 2	n.a.	S 8
S 9	0 28 20	5°40'13	15°44	26° 9	13°30	20°39	19°29	7°26	24°11	14°59	15°31	18°R44	17° 6	4° 9	n.a.	S 9
M10	0 32 16	6°40'54	29°39	27°27	14°43	20°18	19°25	7°25	24°14	15° 0	15°30	18°44	17° 3	4°16	n.a.	M10
T 11	0 36 13	7°41'37	13♓27	28°44	15°55	19°56	19°21	7°24	24°17	15° 0	15°29	18°41	16°59	4°22	n.a.	T 11
W12	0 40 9	8°42'21	27° 4	29°59	17° 7	19°34	19°16	7°22	24°19	15° 0	15°28	18°36	16°56	4°29	n.a.	W12
T 13	0 44 6	9°43'07	10♈30	1♏12	18°20	19°11	19°11	7°21	24°22	15° 0	15°27	18°29	16°53	4°36	n.a.	T 13
F 14	0 48 2	10°43'54	23°40	2°23	19°32	18°48	19° 6	7°19	24°25	15° 0	15°26	18°20	16°50	4°42	n.a.	F 14
S 15	0 51 59	11°44'43	6♉34	3°31	20°44	18°26	19° 1	7°18	24°28	15° 0	15°24	18°10	16°47	4°49	n.a.	S 15
S 16	0 55 56	12°45'33	19°11	4°36	21°56	18° 3	18°56	7°16	24°31	15° 1	15°23	18° 0	16°44	4°56	n.a.	S 16
M17	0 59 52	13°46'25	1♊32	5°39	23° 9	17°39	18°51	7°14	24°34	15° 1	15°22	17°51	16°40	5° 2	n.a.	M17
T 18	1 3 49	14°47'18	13°39	6°37	24°21	17°16	18°45	7°12	24°37	15° 1	15°21	17°44	16°37	5° 9	n.a.	T 18
W19	1 7 45	15°48'13	25°36	7°32	25°33	16°53	18°40	7°10	24°40	15° 2	15°21	17°39	16°34	5°16	n.a.	W19
T 20	1 11 42	16°49'10	7♋26	8°21	26°45	16°30	18°34	7° 8	24°43	15° 2	15°20	17°37	16°31	5°22	n.a.	T 20
F 21	1 15 38	17°50'08	19°16	9° 6	27°57	16° 7	18°28	7° 6	24°46	15° 3	15°19	17°D36	16°28	5°29	n.a.	F 21
S 22	1 19 35	18°51'08	1♌ 9	9°44	29° 8	15°45	18°22	7° 3	24°49	15° 3	15°18	17°37	16°24	5°36	n.a.	S 22
S 23	1 23 31	19°52'08	13°12	10°16	0♐20	15°22	18°15	7° 1	24°52	15° 4	15°17	17°R37	16°21	5°42	n.a.	S 23
M24	1 27 28	20°53'11	25°29	10°40	1°32	15° 0	18° 9	6°58	24°55	15° 4	15°16	17°37	16°18	5°49	n.a.	M24
T 25	1 31 25	21°54'14	8♍ 6	10°56	2°44	14°38	18° 2	6°56	24°58	15° 5	15°15	17°35	16°15	5°56	n.a.	T 25
W26	1 35 21	22°55'19	21° 5	11°R 2	3°55	14°16	17°56	6°53	25° 1	15° 5	15°14	17°30	16°12	6° 2	n.a.	W26
T 27	1 39 18	23°56'25	4♎28	10°58	5° 7	13°55	17°49	6°50	25° 4	15° 6	15°13	17°23	16° 9	6° 9	n.a.	T 27
F 28	1 43 14	24°57'32	18°14	10°44	6°18	13°34	17°42	6°47	25° 8	15° 7	15°12	17°13	16° 5	6°16	n.a.	F 28
S 29	1 47 11	25°58'40	2♏20	10°19	7°30	13°14	17°35	6°44	25°11	15° 8	15°11	17° 2	16° 2	6°22	n.a.	S 29
S 30	1 51 7	26°59'50	16°41	9°42	8°41	12°55	17°28	6°41	25°14	15° 8	15°11	16°50	15°59	6°29	n.a.	S 30
M31	1 55 4	28♎ 1'00	1♐11	8♏55	9♐52	12♈36	17♉20	6♊37	25♏17	15♑ 9	15♓10	16♒40	15♒56	6♋36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n58	13s29	4s39	7s38	1s44	14s 9	1s14	7n39	1s39	17n15	0s48	20n48	1s 8	19s 1	0n 2	23s18	0s20	21s44	17s29	15s22	15s50	27n23		n.a.
S 2	0 34	18 52	5 3	8 17	1 49	14 36	1 17	7 34	1 36	17 14	0 48	20 48	1 8	19 1	0 2	23 18	0 20	21 44	17 29	15 24	15 51	27 22		n.a.
M 3	0 9	23 17	5 9	8 55	1 55	15 4	1 19	7 30	1 34	17 13	0 48	20 48	1 8	19 2	0 2	23 18	0 20	21 45	17 29	15 26	15 52	27 21		n.a.
T 4	0s15	26 23	4 57	9 32	2 0	15 31	1 22	7 25	1 32	17 12	0 48	20 48	1 8	19 3	0 2	23 18	0 20	21 45	17 29	15 27	15 53	27 21		n.a.
W 5	0 39	27 49	4 27	10 9	2 5	15 58	1 25	7 20	1 29	17 12	0 48	20 48	1 8	19 3	0 2	23 18	0 20	21 45	17 29	15 28	15 54	27 20		n.a.
T 6	1 4	27 27	3 40	10 45	2 9	16 24	1 28	7 15	1 27	17 11	0 48	20 48	1 8	19 4	0 2	23 18	0 20	21 46	17 29	15 28	15 55	27 19		n.a.
F 7	1 28	25 17	2 40	11 20	2 14	16 50	1 31	7 10	1 24	17 10	0 48	20 48	1 8	19 5	0 2	23 18	0 20	21 46	17 28	15 28	15 56	27 18		n.a.
S 8	1 53	21 35	1 31	11 54	2 18	17 15	1 33	7 4	1 22	17 9	0 48	20 48	1 8	19 5	0 2	23 18	0 20	21 46	17 28	15 27	15 57	27 17		n.a.
S 9	2 17	16 38	0 16	12 27	2 22	17 40	1 36	6 59	1 19	17 8	0 48	20 47	1 8	19 6	0 2	23 18	0 20	21 47	17 28	15 27	15 58	27 16		n.a.
M10	2 42	10 52	0n59	12 59	2 25	18 5	1 39	6 53	1 16	17 6	0 47	20 47	1 8	19 7	0 2	23 18	0 20	21 47	17 28	15 27	15 59	27 16		n.a.
T 11	3 6	4 38	2 9	13 30	2 28	18 29	1 41	6 47	1 14	17 5	0 47	20 47	1 8	19 7	0 2	23 18	0 20	21 47	17 28	15 28	16 0	27 15		n.a.
W12	3 30	1n44	3 11	13 59	2 30	18 53	1 44	6 41	1 11	17 4	0 47	20 47	1 8	19 8	0 2	23 18	0 20	21 48	17 28	15 30	16 1	27 14		n.a.
T 13	3 55	7 55	4 2	14 27	2 32	19 16	1 46	6 35	1 8	17 3	0 47	20 46	1 8	19 9	0 2	23 18	0 20	21 48	17 28	15 32	16 2	27 13		n.a.
F 14	4 19	13 37	4 38	14 54	2 34	19 39	1 49	6 29	1 5	17 1	0 47	20 46	1 8	19 9	0 2	23 18	0 20	21 48	17 27	15 35	16 3	27 12		n.a.
S 15	4 43	18 37	4 59	15 19	2 35	20 1	1 51	6 23	1 2	17 0	0 47	20 46	1 8	19 10	0 2	23 18	0 20	21 48	17 27	15 38	16 4	27 11		n.a.
S 16	5 7	22 41	5 5	15 41	2 35	20 22	1 53	6 16	1 0	16 59	0 47	20 46	1 8	19 11	0 2	23 18	0 20	21 49	17 27	15 41	16 5	27 10		n.a.
M17	5 31	25 38	4 57	16 2	2 35	20 43	1 56	6 10	0 57	16 57	0 47	20 45	1 8	19 12	0 2	23 18	0 20	21 49	17 27	15 44	16 6	27 9		n.a.
T 18	5 55	27 21	4 35	16 21	2 33	21 4	1 58	6 4	0 54	16 56	0 47	20 45	1 8	19 12	0 2	23 18	0 20	21 49	17 27	15 46	16 7	27 8		n.a.
W19	6 19	27 47	4 1	16 37	2 31	21 24	2 0	5 57	0 51	16 54	0 47	20 45	1 8	19 13	0 1	23 18	0 20	21 49	17 26	15 48	16 8	27 7		n.a.
T 20	6 43	26 54	3 18	16 51	2 28	21 43	2 2	5 51	0 48	16 53	0 47	20 44	1 8	19 14	0 1	23 18	0 20	21 50	17 26	15 48	16 9	27 6		n.a.
F 21	7 6	24 49	2 26	17 2	2 24	22 2	2 4	5 45	0 45	16 51	0 47	20 44	1 8	19 15	0 1	23 18	0 20	21 50	17 26	15 49	16 10	27 5		n.a.
S 22	7 30	21 38	1 27	17 10	2 19	22 21	2 6	5 39	0 42	16 49	0 47	20 43	1 8	19 15	0 1	23 17	0 20	21 50	17 26	15 48	16 11	27 4		n.a.
S 23	7 54	17 30	0 24	17 14	2 13	22 38	2 8	5 33	0 39	16 48	0 47	20 43	1 8	19 16	0 1	23 17	0 20	21 50	17 26	15 48	16 12	27 4		n.a.
M24	8 17	12 35	0s42	17 14	2 5	22 55	2 10	5 27	0 36	16 46	0 47	20 43	1 8	19 17	0 1	23 17	0 20	21 50	17 25	15 48	16 12	27 3		n.a.
T 25	8 40	7 1	1 47	17 11	1 56	23 12	2 11	5 21	0 33	16 44	0 47	20 42	1 8	19 18	0 1	23 17	0 20	21 50	17 25	15 49	16 13	27 2		n.a.
W26	9 3	1 1	2 48	17 3	1 45	23 27	2 13	5 15	0 31	16 42	0 47	20 42	1 8	19 19	0 1	23 17	0 20	21 51	17 25	15 50	16 14	27 1		n.a.
T 27	9 26	5s11	3 42	16 50	1 33	23 42	2 15	5 9	0 28	16 40	0 47	20 41	1 8	19 19	0 1	23 17	0 20	21 51	17 25	15 53	16 15	27 0		n.a.
F 28	9 49	11 20	4 25	16 32	1 19	23 57	2 16	5 4	0 25	16 39	0 47	20 41	1 8	19 20	0 1	23 17	0 20	21 51	17 24	15 56	16 16	26 59		n.a.
S 29	10 12	17 2	4 52	16 10	1 4	24 11	2 18	4 58	0 22	16 37	0 47	20 40	1 8	19 21	0 1	23 17	0 20	21 51	17 24	15 59	16 17	26 58		n.a.
S 30	10 34	21 54	5 2	15 42	0 47	24 24	2 19	4 53	0 19	16 35	0 46	20 40	1 8	19 22	0 1	23 17	0 20	21 51	17 24	16 3	16 18	26 57		n.a.
M31	10s56	25s29	4s52	15s 9	0s29	24s36	2s20	4n48	0s16	16n33	0s46	20n39	1s 8	19s23	0n 1	23s17	0s20	21s51	17s24	16s 6	16s19	26n55		n.a.

Julian Day Number = 1312616.5, Delta T = 07h40m11s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'32, Lahiri = -19°24'31 Julian Calendar 1 Oct. 1120 BCE == Greg. Calendar 20 Sept. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

NOVEMBER 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 59 0	29♎ 2'10	15♐42	7°R56	11♐ 3	12°R17	17°R13	6°R34	25♏21	15♑10	15°R 9	16°R31	15♒53	6♋42	n.a.	T 1
W 2	2 2 57	0♏ 3'21	0♑ 9	6♏49	12°14	11♈59	17♉ 6	6♊31	25°24	15°11	15♓ 8	16♒25	15°49	6°49	n.a.	W 2
T 3	2 6 54	1° 4'33	14°27	5°34	13°25	11°42	16°58	6°27	25°27	15°12	15° 8	16°22	15°46	6°56	n.a.	T 3
F 4	2 10 50	2° 5'45	28°35	4°14	14°36	11°26	16°50	6°24	25°31	15°13	15° 7	16°D21	15°43	7° 2	n.a.	F 4
S 5	2 14 47	3° 6'58	12♒31	2°52	15°47	11°10	16°43	6°20	25°34	15°14	15° 6	16°R21	15°40	7° 9	n.a.	S 5
S 6	2 18 43	4° 8'11	26°15	1°29	16°58	10°55	16°35	6°16	25°38	15°15	15° 5	16°21	15°37	7°16	n.a.	S 6
M 7	2 22 40	5° 9'24	9♓48	0°10	18° 8	10°41	16°27	6°12	25°41	15°16	15° 5	16°19	15°34	7°23	n.a.	M 7
T 8	2 26 36	6°10'37	23°11	28♎56	19°19	10°27	16°19	6° 8	25°44	15°17	15° 4	16°15	15°30	7°29	n.a.	T 8
W 9	2 30 33	7°11'51	6♈24	27°49	20°29	10°14	16°11	6° 5	25°48	15°18	15° 3	16° 7	15°27	7°36	n.a.	W 9
T 10	2 34 29	8°13'05	19°26	26°52	21°39	10° 2	16° 3	6° 0	25°51	15°19	15° 3	15°57	15°24	7°43	n.a.	T 10
F 11	2 38 26	9°14'19	2♉17	26° 6	22°49	9°51	15°55	5°56	25°55	15°20	15° 2	15°44	15°21	7°49	n.a.	F 11
S 12	2 42 23	10°15'34	14°55	25°30	24° 0	9°41	15°47	5°52	25°58	15°21	15° 1	15°29	15°18	7°56	n.a.	S 12
S 13	2 46 19	11°16'50	27°22	25° 5	25° 9	9°32	15°39	5°48	26° 2	15°22	15° 1	15°15	15°15	8° 3	n.a.	S 13
M14	2 50 16	12°18'06	9♊36	24°51	26°19	9°23	15°31	5°44	26° 5	15°24	15° 0	15° 2	15°11	8° 9	n.a.	M14
T 15	2 54 12	13°19'22	21°39	24°D47	27°29	9°15	15°23	5°39	26° 9	15°25	15° 0	14°51	15° 8	8°16	n.a.	T 15
W16	2 58 9	14°20'39	3♋33	24°53	28°38	9° 8	15°15	5°35	26°12	15°26	14°59	14°43	15° 5	8°23	n.a.	W16
T 17	3 2 5	15°21'56	15°22	25° 7	29°48	9° 2	15° 6	5°30	26°16	15°27	14°59	14°38	15° 2	8°29	n.a.	T 17
F 18	3 6 2	16°23'13	27°10	25°30	0♑57	8°56	14°58	5°26	26°19	15°29	14°58	14°35	14°59	8°36	n.a.	F 18
S 19	3 9 59	17°24'31	9♌ 1	26° 0	2° 6	8°52	14°50	5°21	26°23	15°30	14°58	14°34	14°55	8°43	n.a.	S 19
S 20	3 13 55	18°25'49	21° 1	26°37	3°15	8°48	14°42	5°17	26°27	15°32	14°57	14°34	14°52	8°49	n.a.	S 20
M21	3 17 52	19°27'08	3♍16	27°19	4°24	8°45	14°34	5°12	26°30	15°33	14°57	14°34	14°49	8°56	n.a.	M21
T 22	3 21 48	20°28'26	15°50	28° 7	5°32	8°43	14°26	5° 7	26°34	15°34	14°57	14°32	14°46	9° 3	n.a.	T 22
W23	3 25 45	21°29'45	28°50	28°59	6°41	8°42	14°18	5° 3	26°37	15°36	14°56	14°27	14°43	9° 9	n.a.	W23
T 24	3 29 41	22°31'04	12♎17	29°55	7°49	8°D41	14°10	4°58	26°41	15°37	14°56	14°20	14°40	9°16	n.a.	T 24
F 25	3 33 38	23°32'24	26°12	0♏55	8°57	8°41	14° 2	4°53	26°44	15°39	14°56	14°10	14°36	9°23	n.a.	F 25
S 26	3 37 34	24°33'43	10♏33	1°58	10° 5	8°42	13°54	4°48	26°48	15°41	14°55	13°58	14°33	9°29	n.a.	S 26
S 27	3 41 31	25°35'02	25°15	3° 5	11°13	8°44	13°46	4°43	26°52	15°42	14°55	13°46	14°30	9°36	n.a.	S 27
M28	3 45 28	26°36'21	10♐10	4°13	12°20	8°46	13°38	4°38	26°55	15°44	14°55	13°35	14°27	9°43	n.a.	M28
T 29	3 49 24	27°37'40	25° 8	5°24	13°28	8°50	13°30	4°34	26°59	15°45	14°54	13°25	14°24	9°49	n.a.	T 29
W30	3 53 21	28♏38'58	10♑ 0	6♏37	14♑35	8♈54	13♉23	4♊29	27♏ 2	15♑47	14♓54	13♒19	14♒21	9♋56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s19	27s25	4s24	14s32	0s 9	24s48	2s21	4n43	0s14	16n31	0s46	20n39	1s 8	19s23	0n 1	23s17	0s20	21s51	17s23	16s 8	16s20	26n54		n.a.
W 2	11 40	27 29	3 39	13 50	0n11	24 59	2 22	4 39	0 11	16 29	0 46	20 38	1 8	19 24	0 1	23 17	0 20	21 51	17 23	16 10	16 21	26 53		n.a.
T 3	12 2	25 41	2 40	13 6	0 31	25 9	2 23	4 35	0 8	16 26	0 46	20 37	1 8	19 25	0 1	23 17	0 20	21 51	17 23	16 11	16 22	26 52		n.a.
F 4	12 24	22 18	1 33	12 19	0 52	25 18	2 24	4 30	0 5	16 24	0 46	20 37	1 8	19 26	0 1	23 16	0 20	21 51	17 23	16 11	16 23	26 51		n.a.
S 5	12 45	17 39	0 20	11 32	1 12	25 27	2 25	4 27	0 3	16 22	0 46	20 36	1 8	19 27	0 1	23 16	0 20	21 51	17 22	16 11	16 24	26 50		n.a.
S 6	13 6	12 9	0n52	10 46	1 31	25 35	2 25	4 23	0 0	16 20	0 46	20 36	1 8	19 27	0 1	23 16	0 20	21 51	17 22	16 12	16 25	26 49		n.a.
M 7	13 27	6 10	2 1	10 2	1 48	25 43	2 26	4 20	0n 2	16 18	0 46	20 35	1 8	19 28	0 1	23 16	0 20	21 51	17 22	16 12	16 26	26 48		n.a.
T 8	13 48	0n 1	3 1	9 21	2 3	25 49	2 26	4 17	0 5	16 16	0 46	20 34	1 8	19 29	0 1	23 16	0 20	21 51	17 21	16 13	16 27	26 47		n.a.
W 9	14 8	6 7	3 52	8 45	2 17	25 55	2 27	4 14	0 7	16 14	0 45	20 34	1 8	19 30	0 1	23 16	0 20	21 51	17 21	16 16	16 28	26 46		n.a.
T 10	14 28	11 51	4 29	8 14	2 28	26 0	2 27	4 11	0 10	16 11	0 45	20 33	1 8	19 31	0 1	23 16	0 20	21 51	17 21	16 19	16 29	26 45		n.a.
F 11	14 48	17 0	4 52	7 48	2 37	26 5	2 27	4 9	0 12	16 9	0 45	20 32	1 8	19 32	0 1	23 16	0 20	21 51	17 21	16 23	16 30	26 44		n.a.
S 12	15 8	21 20	5 0	7 29	2 44	26 8	2 27	4 7	0 14	16 7	0 45	20 32	1 8	19 33	0 1	23 15	0 20	21 51	17 20	16 27	16 31	26 43		n.a.
S 13	15 28	24 38	4 53	7 15	2 49	26 11	2 27	4 5	0 17	16 5	0 45	20 31	1 8	19 33	0 1	23 15	0 20	21 51	17 20	16 31	16 32	26 41		n.a.
M14	15 47	26 45	4 33	7 7	2 52	26 13	2 27	4 4	0 19	16 2	0 45	20 30	1 8	19 34	0 1	23 15	0 20	21 51	17 20	16 35	16 33	26 40		n.a.
T 15	16 6	27 34	4 1	7 4	2 53	26 15	2 26	4 3	0 21	16 0	0 45	20 29	1 8	19 35	0 1	23 15	0 20	21 51	17 19	16 39	16 34	26 39		n.a.
W16	16 24	27 5	3 19	7 7	2 53	26 15	2 26	4 2	0 23	15 58	0 44	20 29	1 8	19 36	0 1	23 15	0 20	21 51	17 19	16 41	16 35	26 38		n.a.
T 17	16 42	25 22	2 28	7 13	2 51	26 15	2 25	4 1	0 25	15 56	0 44	20 28	1 7	19 37	0 1	23 15	0 20	21 51	17 19	16 43	16 35	26 37		n.a.
F 18	17 1	22 33	1 31	7 24	2 49	26 14	2 25	4 1	0 27	15 53	0 44	20 27	1 7	19 38	0 1	23 15	0 20	21 51	17 18	16 43	16 36	26 36		n.a.
S 19	17 18	18 46	0 29	7 38	2 45	26 13	2 24	4 1	0 29	15 51	0 44	20 26	1 7	19 38	0 1	23 14	0 20	21 51	17 18	16 44	16 37	26 35		n.a.
S 20	17 36	14 11	0s34	7 56	2 41	26 10	2 23	4 1	0 31	15 49	0 44	20 26	1 7	19 39	0 1	23 14	0 20	21 51	17 18	16 44	16 38	26 33		n.a.
M21	17 53	8 58	1 37	8 16	2 36	26 7	2 22	4 2	0 33	15 46	0 44	20 25	1 7	19 40	0 1	23 14	0 20	21 50	17 17	16 44	16 39	26 32		n.a.
T 22	18 9	3 16	2 37	8 38	2 30	26 3	2 21	4 3	0 35	15 44	0 44	20 24	1 7	19 41	0 1	23 14	0 20	21 50	17 17	16 44	16 40	26 31		n.a.
W23	18 26	2s45	3 31	9 3	2 24	25 59	2 19	4 4	0 37	15 42	0 43	20 23	1 7	19 42	0 1	23 14	0 20	21 50	17 17	16 46	16 41	26 30		n.a.
T 24	18 42	8 50	4 16	9 29	2 18	25 53	2 18	4 5	0 39	15 40	0 43	20 23	1 7	19 43	0 1	23 14	0 20	21 50	17 16	16 48	16 42	26 29		n.a.
F 25	18 58	14 42	4 46	9 57	2 11	25 47	2 16	4 7	0 40	15 37	0 43	20 22	1 7	19 44	0 1	23 13	0 20	21 50	17 16	16 51	16 43	26 27		n.a.
S 26	19 13	19 58	5 0	10 26	2 3	25 41	2 15	4 9	0 42	15 35	0 43	20 21	1 7	19 44	0 1	23 13	0 20	21 50	17 16	16 54	16 44	26 26		n.a.
S 27	19 28	24 9	4 55	10 55	1 56	25 33	2 13	4 11	0 44	15 33	0 43	20 20	1 7	19 45	0 1	23 13	0 20	21 49	17 15	16 58	16 45	26 25		n.a.
M28	19 43	26 47	4 29	11 26	1 48	25 25	2 11	4 13	0 45	15 31	0 42	20 19	1 7	19 46	0 1	23 13	0 20	21 49	17 15	17 1	16 46	26 24		n.a.
T 29	19 57	27 30	3 45	11 57	1 41	25 16	2 9	4 16	0 47	15 29	0 42	20 18	1 7	19 47	0 1	23 13	0 20	21 49	17 15	17 4	16 47	26 23		n.a.
W30	20s11	26s13	2s46	12s29	1n33	25s 7	2s 7	4n19	0n48	15n27	0s42	20n18	1s 6	19s48	0n 1	23s12	0s20	21s49	17s14	17s 6	16s48	26n21		n.a.

Julian Day Number = 1312647.5, Delta T = 07h40m10s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'27, Lahiri = -19°24'27 Julian Calendar 1 Nov. 1120 BCE == Greg. Calendar 21 Oct. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1120 BCE
geocentric

DECEMBER 1120 BCE (-1119) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 17	29♏40'16	24♉40	7♏52	15♉42	8♈58	13°R15	4°R24	27♏ 6	15♉49	14°R54	13°R15	14♒17	10♋ 3	n.a.	T 1
F 2	4 1 14	0♐41'33	9♒ 1	9° 8	16°48	9° 4	13♉ 8	4♊19	27°10	15°51	14♓54	13°D14	14°14	10° 9	n.a.	F 2
S 3	4 5 10	1°42'49	23° 4	10°26	17°55	9°10	13° 0	4°14	27°13	15°52	14°54	13♒14	14°11	10°16	n.a.	S 3
S 4	4 9 7	2°44'04	6♓46	11°45	19° 1	9°17	12°53	4° 9	27°17	15°54	14°54	13°R14	14° 8	10°23	n.a.	S 4
M 5	4 13 4	3°45'19	20°11	13° 6	20° 7	9°24	12°46	4° 4	27°20	15°56	14°53	13°13	14° 5	10°29	n.a.	M 5
T 6	4 17 0	4°46'32	3♈19	14°27	21°13	9°32	12°39	3°59	27°24	15°58	14°53	13°10	14° 1	10°36	n.a.	T 6
W 7	4 20 57	5°47'45	16°14	15°50	22°18	9°41	12°32	3°54	27°28	15°59	14°53	13° 3	13°58	10°43	n.a.	W 7
T 8	4 24 53	6°48'57	28°56	17°13	23°23	9°51	12°25	3°49	27°31	16° 1	14°53	12°55	13°55	10°49	n.a.	T 8
F 9	4 28 50	7°50'08	11♉28	18°38	24°28	10° 1	12°18	3°44	27°35	16° 3	14°D53	12°43	13°52	10°56	n.a.	F 9
S 10	4 32 46	8°51'18	23°50	20° 3	25°33	10°11	12°12	3°39	27°38	16° 5	14°53	12°31	13°49	11° 3	n.a.	S 10
S 11	4 36 43	9°52'28	6♊ 2	21°29	26°37	10°22	12° 5	3°34	27°42	16° 7	14°53	12°18	13°46	11° 9	n.a.	S 11
M12	4 40 39	10°53'36	18° 6	22°56	27°41	10°34	11°59	3°29	27°45	16° 9	14°53	12° 7	13°42	11°16	n.a.	M12
T 13	4 44 36	11°54'44	0♋ 3	24°23	28°44	10°47	11°53	3°24	27°49	16°11	14°53	11°57	13°39	11°23	n.a.	T 13
W14	4 48 33	12°55'51	11°54	25°52	29°48	10°59	11°47	3°19	27°52	16°13	14°53	11°50	13°36	11°29	n.a.	W14
T 15	4 52 29	13°56'58	23°42	27°21	0♒51	11°13	11°41	3°14	27°56	16°15	14°54	11°46	13°33	11°36	n.a.	T 15
F 16	4 56 26	14°58'03	5♌29	28°50	1°53	11°27	11°35	3°10	27°59	16°17	14°54	11°44	13°30	11°43	n.a.	F 16
S 17	5 0 22	15°59'08	17°20	0♐20	2°55	11°41	11°30	3° 5	28° 3	16°19	14°54	11°D44	13°27	11°49	n.a.	S 17
S 18	5 4 19	17° 0'12	29°19	1°51	3°57	11°56	11°24	3° 0	28° 6	16°21	14°54	11°45	13°23	11°56	n.a.	S 18
M19	5 8 15	18° 1'15	11♍31	3°23	4°59	12°12	11°19	2°55	28°10	16°23	14°54	11°46	13°20	12° 3	n.a.	M19
T 20	5 12 12	19° 2'17	24° 2	4°55	6° 0	12°28	11°14	2°51	28°13	16°25	14°55	11°R46	13°17	12° 9	n.a.	T 20
W21	5 16 9	20° 3'19	6♎55	6°28	7° 0	12°44	11° 9	2°46	28°17	16°27	14°55	11°44	13°14	12°16	n.a.	W21
T 22	5 20 5	21° 4'19	20°16	8° 1	8° 0	13° 1	11° 4	2°41	28°20	16°29	14°55	11°40	13°11	12°23	n.a.	T 22
F 23	5 24 2	22° 5'19	4♏ 7	9°36	9° 0	13°18	11° 0	2°37	28°23	16°31	14°55	11°35	13° 7	12°29	n.a.	F 23
S 24	5 27 58	23° 6'18	18°27	11°11	9°59	13°36	10°55	2°32	28°27	16°33	14°56	11°28	13° 4	12°36	n.a.	S 24
S 25	5 31 55	24° 7'15	3♐12	12°46	10°58	13°54	10°51	2°28	28°30	16°35	14°56	11°20	13° 1	12°43	n.a.	S 25
M26	5 35 51	25° 8'12	18°16	14°22	11°56	14°13	10°47	2°24	28°33	16°38	14°56	11°12	12°58	12°49	n.a.	M26
T 27	5 39 48	26° 9'07	3♑30	15°59	12°54	14°32	10°43	2°19	28°37	16°40	14°57	11° 6	12°55	12°56	n.a.	T 27
W28	5 43 44	27°10'01	18°41	17°37	13°51	14°51	10°40	2°15	28°40	16°42	14°57	11° 2	12°52	13° 3	n.a.	W28
T 29	5 47 41	28°10'54	3♒42	19°15	14°48	15°11	10°36	2°11	28°43	16°44	14°58	11° 0	12°48	13° 9	n.a.	T 29
F 30	5 51 38	29°11'44	18°24	20°55	15°44	15°31	10°33	2° 7	28°47	16°46	14°58	11°D 0	12°45	13°16	n.a.	F 30
S 31	5 55 34	0♑12'33	2♓42	22♐34	16♒39	15♈52	10♉30	2♊ 3	28♏50	16♑49	14♓58	11♒ 1	12♒42	13♋23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s25	23s 8	1s37	13s 1	1n25	24s57	2s 4	4n22	0n50	15n24	0s42	20n17	1s 6	19s49	0n 1	23s12	0s20	21s48	17s14	17s 7	16s49	26n20		n.a.
F 2	20 38	18 39	0 22	13 34	1 17	24 46	2 2	4 26	0 51	15 22	0 42	20 16	1 6	19 50	0 1	23 12	0 20	21 48	17 13	17 7	16 50	26 19		n.a.
S 3	20 50	13 14	0n52	14 6	1 9	24 35	1 59	4 30	0 53	15 20	0 42	20 15	1 6	19 50	0 1	23 12	0 20	21 48	17 13	17 7	16 51	26 18		n.a.
S 4	21 3	7 17	2 2	14 39	1 1	24 23	1 56	4 34	0 54	15 18	0 41	20 14	1 6	19 51	0 1	23 12	0 20	21 48	17 13	17 7	16 51	26 16		n.a.
M 5	21 15	1 9	3 3	15 11	0 53	24 10	1 54	4 38	0 55	15 16	0 41	20 13	1 6	19 52	0 1	23 11	0 20	21 47	17 12	17 7	16 52	26 15		n.a.
T 6	21 26	4n54	3 53	15 43	0 45	23 57	1 50	4 42	0 56	15 14	0 41	20 13	1 6	19 53	0 1	23 11	0 20	21 47	17 12	17 8	16 53	26 14		n.a.
W 7	21 37	10 38	4 30	16 15	0 37	23 43	1 47	4 47	0 58	15 12	0 41	20 12	1 6	19 54	0 1	23 11	0 20	21 47	17 12	17 10	16 54	26 12		n.a.
T 8	21 48	15 50	4 54	16 47	0 30	23 28	1 44	4 52	0 59	15 10	0 41	20 11	1 6	19 55	0 1	23 11	0 20	21 46	17 11	17 13	16 55	26 11		n.a.
F 9	21 58	20 18	5 2	17 18	0 22	23 13	1 40	4 57	1 0	15 8	0 40	20 10	1 6	19 55	0 1	23 11	0 20	21 46	17 11	17 16	16 56	26 10		n.a.
S 10	22 8	23 49	4 57	17 49	0 14	22 58	1 37	5 2	1 1	15 7	0 40	20 9	1 5	19 56	0 1	23 10	0 20	21 46	17 11	17 20	16 57	26 9		n.a.
S 11	22 18	26 13	4 37	18 19	0 7	22 42	1 33	5 7	1 2	15 5	0 40	20 8	1 5	19 57	0 1	23 10	0 20	21 45	17 10	17 23	16 58	26 7		n.a.
M12	22 27	27 22	4 6	18 49	0s 1	22 25	1 29	5 13	1 3	15 3	0 40	20 8	1 5	19 58	0 1	23 10	0 20	21 45	17 10	17 26	16 59	26 6		n.a.
T 13	22 35	27 13	3 23	19 18	0 8	22 8	1 25	5 19	1 4	15 1	0 39	20 7	1 5	19 59	0 1	23 10	0 20	21 45	17 9	17 29	17 0	26 5		n.a.
W14	22 43	25 49	2 33	19 47	0 15	21 50	1 21	5 25	1 5	15 0	0 39	20 6	1 5	20 0	0 1	23 9	0 20	21 44	17 9	17 31	17 1	26 3		n.a.
T 15	22 51	23 16	1 35	20 15	0 22	21 32	1 16	5 31	1 6	14 58	0 39	20 5	1 5	20 0	0 1	23 9	0 20	21 44	17 9	17 32	17 2	26 2		n.a.
F 16	22 58	19 45	0 33	20 42	0 29	21 14	1 12	5 38	1 7	14 57	0 39	20 4	1 5	20 1	0 1	23 9	0 20	21 44	17 8	17 33	17 3	26 0		n.a.
S 17	23 5	15 25	0s30	21 8	0 36	20 55	1 7	5 44	1 8	14 55	0 39	20 4	1 5	20 2	0 1	23 9	0 20	21 43	17 8	17 33	17 4	25 59		n.a.
S 18	23 11	10 27	1 33	21 34	0 42	20 35	1 2	5 51	1 9	14 54	0 38	20 3	1 4	20 3	0 1	23 8	0 20	21 43	17 8	17 33	17 4	25 58		n.a.
M19	23 17	5 0	2 33	21 58	0 49	20 16	0 57	5 58	1 10	14 52	0 38	20 2	1 4	20 4	0 1	23 8	0 20	21 42	17 7	17 32	17 5	25 56		n.a.
T 20	23 22	0s45	3 28	22 22	0 55	19 55	0 52	6 5	1 11	14 51	0 38	20 1	1 4	20 4	0 1	23 8	0 20	21 42	17 7	17 32	17 6	25 55		n.a.
W21	23 27	6 39	4 13	22 44	1 1	19 35	0 47	6 12	1 12	14 49	0 38	20 0	1 4	20 5	0 1	23 8	0 20	21 41	17 6	17 33	17 7	25 54		n.a.
T 22	23 31	12 27	4 47	23 6	1 6	19 14	0 42	6 20	1 12	14 48	0 37	20 0	1 4	20 6	0 1	23 7	0 20	21 41	17 6	17 34	17 8	25 52		n.a.
F 23	23 35	17 52	5 5	23 26	1 12	18 53	0 36	6 27	1 13	14 47	0 37	19 59	1 4	20 7	0 1	23 7	0 20	21 41	17 6	17 35	17 9	25 51		n.a.
S 24	23 39	22 29	5 5	23 45	1 17	18 31	0 30	6 35	1 14	14 46	0 37	19 58	1 4	20 7	0 1	23 7	0 20	21 40	17 5	17 38	17 10	25 49		n.a.
S 25	23 42	25 48	4 46	24 3	1 22	18 9	0 24	6 43	1 15	14 45	0 37	19 57	1 3	20 8	0 1	23 7	0 20	21 40	17 5	17 40	17 11	25 48		n.a.
M26	23 44	27 23	4 6	24 20	1 27	17 47	0 18	6 51	1 15	14 44	0 36	19 57	1 3	20 9	0 1	23 6	0 20	21 39	17 5	17 42	17 12	25 47		n.a.
T 27	23 46	26 56	3 9	24 36	1 31	17 25	0 12	6 59	1 16	14 43	0 36	19 56	1 3	20 10	0 1	23 6	0 20	21 39	17 4	17 43	17 13	25 45		n.a.
W28	23 48	24 27	1 58	24 50	1 36	17 2	0 6	7 7	1 17	14 42	0 36	19 55	1 3	20 10	0 1	23 6	0 20	21 38	17 4	17 45	17 14	25 44		n.a.
T 29	23 49	20 17	0 40	25 2	1 39	16 39	0n 1	7 16	1 17	14 41	0 36	19 55	1 3	20 11	0 1	23 6	0 20	21 38	17 4	17 45	17 15	25 42		n.a.
F 30	23 50	14 56	0n40	25 14	1 43	16 16	0 7	7 24	1 18	14 40	0 36	19 54	1 3	20 12	0 1	23 5	0 20	21 37	17 3	17 45	17 15	25 41		n.a.
S 31	23s50	8s53	1n55	25s23	1s46	15s52	0n14	7n33	1n19	14n39	0s35	19n53	1s 2	20s13	0n 1	23s 5	0s20	21s37	17s 3	17s45	17s16	25n39		n.a.

Julian Day Number = 1312677.5, Delta T = 07h40m08s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'23, Lahiri = -19°24'23 Julian Calendar 1 Dec. 1120 BCE == Greg. Calendar 20 Nov. 1120 BCE

The year -1119 astronomical counting style corresponds to year 1120 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

JANUARY 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 31	1♉13'20	16♓36	24♐15	17♒34	16♈13	10°R27	1°R58	28♏53	16♉51	14♓59	11♒ 3	12♒39	13♋29	n.a.	S 1
M 2	6 3 27	2°14'06	0♈ 5	25°57	18°28	16°34	10♉24	1♊55	28°56	16°53	14°59	11°R 4	12°36	13°36	n.a.	M 2
T 3	6 7 24	3°14'49	13°12	27°39	19°22	16°55	10°22	1°51	28°59	16°55	15° 0	11° 3	12°33	13°43	n.a.	T 3
W 4	6 11 20	4°15'31	26° 0	29°22	20°14	17°17	10°20	1°47	29° 2	16°57	15° 1	11° 1	12°29	13°49	n.a.	W 4
T 5	6 15 17	5°16'10	8♉32	1♉ 6	21° 6	17°40	10°17	1°43	29° 5	17° 0	15° 1	10°57	12°26	13°56	n.a.	T 5
F 6	6 19 13	6°16'48	20°51	2°51	21°58	18° 2	10°16	1°40	29° 8	17° 2	15° 2	10°52	12°23	14° 3	n.a.	F 6
S 7	6 23 10	7°17'25	3♊ 0	4°36	22°48	18°25	10°14	1°36	29°11	17° 4	15° 2	10°46	12°20	14° 9	n.a.	S 7
S 8	6 27 7	8°17'59	15° 1	6°23	23°38	18°48	10°12	1°32	29°14	17° 6	15° 3	10°39	12°17	14°16	n.a.	S 8
M 9	6 31 3	9°18'32	26°56	8°10	24°26	19°12	10°11	1°29	29°17	17° 9	15° 4	10°33	12°13	14°23	n.a.	M 9
T 10	6 35 0	10°19'02	8♋47	9°58	25°14	19°36	10°10	1°26	29°20	17°11	15° 4	10°29	12°10	14°29	n.a.	T 10
W11	6 38 56	11°19'31	20°36	11°47	26° 1	20° 0	10° 9	1°23	29°23	17°13	15° 5	10°26	12° 7	14°36	n.a.	W11
T 12	6 42 53	12°19'59	2♌24	13°37	26°47	20°24	10° 8	1°19	29°26	17°15	15° 6	10°24	12° 4	14°43	n.a.	T 12
F 13	6 46 49	13°20'24	14°15	15°28	27°32	20°49	10° 8	1°16	29°29	17°18	15° 6	10°D24	12° 1	14°49	n.a.	F 13
S 14	6 50 46	14°20'48	26°10	17°19	28°16	21°13	10° 8	1°13	29°32	17°20	15° 7	10°25	11°58	14°56	n.a.	S 14
S 15	6 54 43	15°21'10	8♍13	19°11	28°59	21°39	10°D 8	1°11	29°35	17°22	15° 8	10°26	11°54	15° 3	n.a.	S 15
M16	6 58 39	16°21'31	20°28	21° 4	29°41	22° 4	10° 8	1° 8	29°37	17°25	15° 9	10°28	11°51	15° 9	n.a.	M16
T 17	7 2 36	17°21'49	2♎59	22°57	0♓21	22°29	10° 8	1° 5	29°40	17°27	15°10	10°29	11°48	15°16	n.a.	T 17
W18	7 6 32	18°22'06	15°50	24°51	1° 1	22°55	10° 8	1° 3	29°43	17°29	15°10	10°R30	11°45	15°23	n.a.	W18
T 19	7 10 29	19°22'22	29° 4	26°44	1°39	23°21	10° 9	1° 0	29°45	17°31	15°11	10°30	11°42	15°29	n.a.	T 19
F 20	7 14 25	20°22'36	12♏44	28°38	2°16	23°48	10°10	0°58	29°48	17°34	15°12	10°28	11°39	15°36	n.a.	F 20
S 21	7 18 22	21°22'48	26°51	0♒32	2°51	24°14	10°11	0°56	29°51	17°36	15°13	10°26	11°35	15°43	n.a.	S 21
S 22	7 22 18	22°22'59	11♐24	2°25	3°25	24°41	10°12	0°53	29°53	17°38	15°14	10°24	11°32	15°49	n.a.	S 22
M23	7 26 15	23°23'08	26°19	4°18	3°58	25° 8	10°14	0°51	29°56	17°40	15°15	10°22	11°29	15°56	n.a.	M23
T 24	7 30 12	24°23'15	11♑28	6°10	4°29	25°35	10°16	0°49	29°58	17°43	15°16	10°20	11°26	16° 3	n.a.	T 24
W25	7 34 8	25°23'20	26°41	8° 1	4°59	26° 2	10°17	0°47	0♐ 1	17°45	15°17	10°19	11°23	16° 9	n.a.	W25
T 26	7 38 5	26°23'23	11♒50	9°50	5°27	26°30	10°20	0°46	0° 3	17°47	15°18	10°D18	11°19	16°16	n.a.	T 26
F 27	7 42 1	27°23'24	26°45	11°36	5°53	26°57	10°22	0°44	0° 5	17°50	15°19	10°19	11°16	16°23	n.a.	F 27
S 28	7 45 58	28°23'23	11♓18	13°21	6°17	27°25	10°24	0°43	0° 8	17°52	15°20	10°20	11°13	16°29	n.a.	S 28
S 29	7 49 54	29°23'19	25°26	15° 2	6°40	27°54	10°27	0°41	0°10	17°54	15°21	10°21	11°10	16°36	n.a.	S 29
M30	7 53 51	0♒23'13	9♈ 7	16°39	7° 1	28°22	10°30	0°40	0°12	17°56	15°22	10°21	11° 7	16°43	n.a.	M30
T 31	7 57 47	1♒23'04	22♈22	18♒13	7♓20	28♈50	10♉33	0♊39	0♐14	17♉58	15♓23	10♒22	11♒ 4	16♋49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s49	2s36	3n 1	25s32	1s49	15s29	0n21	7n41	1n19	14n39	0s35	19n53	1s 2	20s13	0n 1	23s 5	0s20	21s36	17s 2	17s44	17s17	25n38			n.a.
M 2	23 49	3n37	3 55	25 38	1 52	15 5	0 28	7 50	1 20	14 38	0 35	19 52	1 2	20 14	0 1	23 4	0 20	21 36	17 2	17 44	17 18	25 36			n.a.
T 3	23 47	9 31	4 35	25 43	1 54	14 41	0 36	7 59	1 20	14 37	0 35	19 51	1 2	20 15	0 1	23 4	0 20	21 35	17 2	17 44	17 19	25 35			n.a.
W 4	23 46	14 51	5 1	25 46	1 56	14 18	0 43	8 8	1 21	14 37	0 34	19 51	1 2	20 15	0 1	23 4	0 20	21 35	17 1	17 45	17 20	25 33			n.a.
T 5	23 43	19 28	5 11	25 47	1 58	13 54	0 51	8 17	1 21	14 36	0 34	19 50	1 2	20 16	0 1	23 4	0 20	21 34	17 1	17 46	17 21	25 32			n.a.
F 6	23 41	23 11	5 7	25 47	1 59	13 30	0 59	8 27	1 22	14 36	0 34	19 50	1 1	20 17	0 1	23 3	0 20	21 33	17 1	17 48	17 22	25 31			n.a.
S 7	23 37	25 48	4 48	25 45	2 0	13 5	1 7	8 36	1 22	14 36	0 34	19 49	1 1	20 18	0 1	23 3	0 20	21 33	17 0	17 49	17 23	25 29			n.a.
S 8	23 34	27 14	4 18	25 40	2 0	12 41	1 15	8 45	1 23	14 35	0 33	19 49	1 1	20 18	0 1	23 3	0 20	21 32	17 0	17 51	17 24	25 28			n.a.
M 9	23 30	27 23	3 36	25 34	2 0	12 17	1 23	8 55	1 23	14 35	0 33	19 48	1 1	20 19	0 1	23 3	0 20	21 32	17 0	17 53	17 25	25 26			n.a.
T 10	23 25	26 16	2 45	25 26	1 59	11 53	1 31	9 4	1 24	14 35	0 33	19 48	1 1	20 19	0 1	23 2	0 20	21 31	16 59	17 54	17 25	25 24			n.a.
W11	23 20	23 59	1 47	25 16	1 58	11 29	1 40	9 14	1 24	14 35	0 33	19 47	1 1	20 20	0 1	23 2	0 20	21 31	16 59	17 55	17 26	25 23			n.a.
T 12	23 15	20 39	0 44	25 3	1 57	11 5	1 49	9 24	1 24	14 35	0 32	19 47	1 0	20 21	0 1	23 2	0 20	21 30	16 59	17 55	17 27	25 21			n.a.
F 13	23 9	16 29	0s21	24 49	1 54	10 41	1 58	9 33	1 25	14 35	0 32	19 46	1 0	20 21	0 1	23 1	0 20	21 29	16 58	17 55	17 28	25 20			n.a.
S 14	23 3	11 39	1 26	24 32	1 52	10 18	2 7	9 43	1 25	14 35	0 32	19 46	1 0	20 22	0 1	23 1	0 20	21 29	16 58	17 55	17 29	25 18			n.a.
S 15	22 56	6 21	2 27	24 13	1 48	9 54	2 16	9 53	1 25	14 35	0 32	19 45	1 0	20 23	0 1	23 1	0 20	21 28	16 58	17 55	17 30	25 17			n.a.
M16	22 49	0 44	3 23	23 52	1 44	9 31	2 25	10 3	1 26	14 36	0 32	19 45	1 0	20 23	0 1	23 1	0 20	21 28	16 57	17 54	17 31	25 15			n.a.
T 17	22 41	5s 2	4 11	23 29	1 40	9 7	2 35	10 13	1 26	14 36	0 31	19 45	0 59	20 24	0 1	23 0	0 20	21 27	16 57	17 54	17 32	25 14			n.a.
W18	22 33	10 44	4 47	23 4	1 35	8 44	2 44	10 23	1 26	14 36	0 31	19 44	0 59	20 24	0 1	23 0	0 20	21 26	16 57	17 54	17 33	25 12			n.a.
T 19	22 24	16 7	5 10	22 36	1 29	8 22	2 54	10 33	1 27	14 37	0 31	19 44	0 59	20 25	0 1	23 0	0 20	21 26	16 57	17 54	17 34	25 10			n.a.
F 20	22 15	20 54	5 15	22 7	1 22	7 59	3 4	10 44	1 27	14 37	0 31	19 44	0 59	20 26	0 1	22 59	0 20	21 25	16 56	17 54	17 34	25 9			n.a.
S 21	22 6	24 41	5 3	21 35	1 15	7 37	3 14	10 54	1 27	14 38	0 30	19 43	0 59	20 26	0 1	22 59	0 20	21 25	16 56	17 54	17 35	25 7			n.a.
S 22	21 56	26 59	4 31	21 2	1 7	7 15	3 24	11 4	1 28	14 39	0 30	19 43	0 58	20 27	0 1	22 59	0 20	21 24	16 56	17 55	17 36	25 6			n.a.
M23	21 46	27 27	3 40	20 27	0 59	6 54	3 34	11 14	1 28	14 39	0 30	19 43	0 58	20 27	0 1	22 59	0 20	21 23	16 55	17 56	17 37	25 4			n.a.
T 24	21 35	25 52	2 33	19 50	0 49	6 32	3 45	11 25	1 28	14 40	0 30	19 43	0 58	20 28	0 1	22 58	0 20	21 23	16 55	17 56	17 38	25 3			n.a.
W25	21 24	22 23	1 15	19 12	0 39	6 12	3 55	11 35	1 28	14 41	0 29	19 42	0 58	20 28	0 1	22 58	0 20	21 22	16 55	17 57	17 39	25 1			n.a.
T 26	21 13	17 23	0n 8	18 32	0 29	5 52	4 6	11 45	1 29	14 42	0 29	19 42	0 58	20 29	0 1	22 58	0 20	21 21	16 55	17 57	17 40	24 59			n.a.
F 27	21 1	11 24	1 30	17 52	0 17	5 32	4 17	11 56	1 29	14 43	0 29	19 42	0 57	20 29	0 1	22 57	0 20	21 21	16 54	17 57	17 41	24 58			n.a.
S 28	20 49	4 56	2 44	17 10	0 5	5 13	4 27	12 6	1 29	14 44	0 29	19 42	0 57	20 30	0 1	22 57	0 20	21 20	16 54	17 56	17 42	24 56			n.a.
S 29	20 37	1n35	3 45	16 29	0n 7	4 54	4 38	12 17	1 29	14 45	0 29	19 42	0 57	20 30	0 1	22 57	0 20	21 19	16 54	17 56	17 42	24 54			n.a.
M30	20 24	7 49	4 32	15 47	0 20	4 37	4 49	12 27	1 30	14 46	0 28	19 42	0 57	20 31	0 1	22 57	0 20	21 19	16 53	17 56	17 43	24 53			n.a.
T 31	20s11	13n30	5n 2	15s 5	0n34	4s19	5n 0	12n38	1n30	14n47	0s28	19n42	0s57	20s31	0n 1	22s56	0s20	21s18	16s53	17s56	17s44	24n51			n.a.

Julian Day Number = 1312708.5, Delta T = 07h40m06s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'19, Lahiri = -19°24'19 Julian Calendar 1 Jan. 1119 BCE == Greg. Calendar 21 Dec. 1120 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

FEBRUARY 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 1 44	2♒22'53	5♉13	19♒42	7♓36	29♈19	10♉36	0°R38	0♐16	18♑ 1	15♓24	10°R22	11♒ 0	16♋56	n.a.	W 1
T 2	8 5 40	3°22'40	17°43	21° 5	7°51	29°48	10°39	0♊37	0°18	18° 3	15°25	10♒22	10°57	17° 3	n.a.	T 2
F 3	8 9 37	4°22'24	29°58	22°23	8° 4	0♉17	10°43	0°36	0°20	18° 5	15°26	10°21	10°54	17° 9	n.a.	F 3
S 4	8 13 34	5°22'07	12♊ 1	23°35	8°14	0°46	10°47	0°35	0°22	18° 7	15°27	10°21	10°51	17°16	n.a.	S 4
S 5	8 17 30	6°21'46	23°55	24°40	8°22	1°15	10°51	0°34	0°24	18°10	15°28	10°20	10°48	17°23	n.a.	S 5
M 6	8 21 27	7°21'24	5♋44	25°39	8°28	1°44	10°55	0°34	0°26	18°12	15°29	10°20	10°45	17°29	n.a.	M 6
T 7	8 25 23	8°20'59	17°32	26°29	8°32	2°14	10°59	0°33	0°28	18°14	15°30	10°19	10°41	17°36	n.a.	T 7
W 8	8 29 20	9°20'31	29°21	27°13	8°R33	2°44	11° 3	0°33	0°30	18°16	15°32	10°19	10°38	17°43	n.a.	W 8
T 9	8 33 16	10°20'02	11♌14	27°48	8°31	3°14	11° 8	0°33	0°32	18°18	15°33	10°19	10°35	17°49	n.a.	T 9
F 10	8 37 13	11°19'30	23°11	28°15	8°27	3°44	11°13	0°D33	0°34	18°20	15°34	10°19	10°32	17°56	n.a.	F 10
S 11	8 41 9	12°18'56	5♍17	28°34	8°21	4°14	11°18	0°33	0°35	18°22	15°35	10°19	10°29	18° 3	n.a.	S 11
S 12	8 45 6	13°18'20	17°31	28°45	8°12	4°44	11°23	0°33	0°37	18°25	15°36	10°19	10°25	18° 9	n.a.	S 12
M13	8 49 3	14°17'42	29°57	28°R48	8° 0	5°14	11°28	0°33	0°39	18°27	15°38	10°18	10°22	18°16	n.a.	M13
T 14	8 52 59	15°17'02	12♎37	28°43	7°46	5°45	11°34	0°33	0°40	18°29	15°39	10°18	10°19	18°22	n.a.	T 14
W15	8 56 56	16°16'20	25°33	28°31	7°30	6°15	11°39	0°34	0°42	18°31	15°40	10°17	10°16	18°29	n.a.	W15
T 16	9 0 52	17°15'37	8♏47	28°11	7°11	6°46	11°45	0°35	0°43	18°33	15°41	10°17	10°13	18°36	n.a.	T 16
F 17	9 4 49	18°14'51	22°21	27°45	6°50	7°17	11°51	0°35	0°44	18°35	15°43	10°D17	10°10	18°42	n.a.	F 17
S 18	9 8 45	19°14'04	6♐17	27°13	6°27	7°48	11°57	0°36	0°46	18°37	15°44	10°17	10° 6	18°49	n.a.	S 18
S 19	9 12 42	20°13'14	20°33	26°35	6° 1	8°19	12° 3	0°37	0°47	18°39	15°45	10°18	10° 3	18°56	n.a.	S 19
M20	9 16 38	21°12'23	5♑ 8	25°53	5°33	8°50	12°10	0°38	0°48	18°41	15°46	10°19	10° 0	19° 2	n.a.	M20
T 21	9 20 35	22°11'30	19°57	25° 8	5° 4	9°21	12°16	0°39	0°50	18°43	15°48	10°19	9°57	19° 9	n.a.	T 21
W22	9 24 32	23°10'35	4♒55	24°21	4°32	9°53	12°23	0°40	0°51	18°45	15°49	10°R20	9°54	19°16	n.a.	W22
T 23	9 28 28	24° 9'37	19°54	23°31	3°59	10°24	12°30	0°42	0°52	18°47	15°50	10°20	9°51	19°22	n.a.	T 23
F 24	9 32 25	25° 8'38	4♓44	22°42	3°25	10°56	12°37	0°43	0°53	18°49	15°52	10°19	9°47	19°29	n.a.	F 24
S 25	9 36 21	26° 7'36	19°20	21°52	2°49	11°28	12°44	0°45	0°54	18°51	15°53	10°17	9°44	19°36	n.a.	S 25
S 26	9 40 18	27° 6'32	3♈34	21° 5	2°13	12° 0	12°51	0°46	0°55	18°53	15°54	10°15	9°41	19°42	n.a.	S 26
M27	9 44 14	28° 5'25	17°23	20°19	1°35	12°32	12°59	0°48	0°56	18°54	15°56	10°13	9°38	19°49	n.a.	M27
T 28	9 48 11	29♒ 4'17	0♉45	19♒36	0♓58	13♉ 4	13♉ 6	0♊50	0♐57	18♑56	15♓57	10♒11	9♒35	19♋56	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s57	18n25	5n16	14s24	0n47	4s 3	5n11	12n48	1n30	14n48	0s28	19n42	0s57	20s32	0n 1	22s56	0s20	21s18	16s53	17s56	17s45	24n49		n.a.
T 2	19 43	22 25	5 15	13 44	1 1	3 47	5 22	12 59	1 30	14 49	0 28	19 42	0 56	20 32	0 1	22 56	0 20	21 17	16 53	17 56	17 46	24 48		n.a.
F 3	19 29	25 20	4 59	13 5	1 16	3 32	5 33	13 10	1 30	14 51	0 27	19 42	0 56	20 33	0 1	22 55	0 20	21 16	16 52	17 56	17 47	24 46		n.a.
S 4	19 14	27 4	4 30	12 28	1 30	3 18	5 44	13 20	1 30	14 52	0 27	19 42	0 56	20 33	0 1	22 55	0 20	21 16	16 52	17 56	17 48	24 44		n.a.
S 5	18 59	27 31	3 50	11 53	1 44	3 5	5 55	13 31	1 31	14 54	0 27	19 42	0 56	20 34	0 1	22 55	0 20	21 15	16 52	17 56	17 49	24 43		n.a.
M 6	18 44	26 43	3 1	11 20	1 58	2 53	6 6	13 41	1 31	14 55	0 27	19 42	0 56	20 34	0 1	22 55	0 20	21 14	16 52	17 56	17 49	24 41		n.a.
T 7	18 28	24 42	2 3	10 49	2 12	2 42	6 16	13 52	1 31	14 57	0 27	19 42	0 55	20 34	0 0	22 54	0 20	21 14	16 52	17 56	17 50	24 39		n.a.
W 8	18 12	21 36	1 1	10 22	2 25	2 32	6 27	14 2	1 31	14 58	0 26	19 42	0 55	20 35	0 0	22 54	0 21	21 13	16 51	17 56	17 51	24 38		n.a.
T 9	17 56	17 37	0s 5	9 58	2 38	2 23	6 37	14 13	1 31	15 0	0 26	19 42	0 55	20 35	0 0	22 54	0 21	21 12	16 51	17 56	17 52	24 36		n.a.
F 10	17 40	12 54	1 11	9 37	2 50	2 15	6 47	14 23	1 31	15 2	0 26	19 42	0 55	20 36	0 0	22 53	0 21	21 12	16 51	17 56	17 53	24 34		n.a.
S 11	17 23	7 39	2 14	9 20	3 1	2 8	6 57	14 34	1 31	15 3	0 26	19 43	0 55	20 36	0 0	22 53	0 21	21 11	16 51	17 57	17 54	24 32		n.a.
S 12	17 6	2 4	3 12	9 7	3 12	2 2	7 7	14 44	1 31	15 5	0 26	19 43	0 54	20 36	0 0	22 53	0 21	21 10	16 50	17 57	17 55	24 31		n.a.
M13	16 49	3s41	4 2	8 57	3 21	1 58	7 16	14 55	1 32	15 7	0 25	19 43	0 54	20 37	0 0	22 53	0 21	21 10	16 50	17 57	17 56	24 29		n.a.
T 14	16 31	9 22	4 41	8 51	3 28	1 55	7 25	15 5	1 32	15 9	0 25	19 43	0 54	20 37	0 0	22 52	0 21	21 9	16 50	17 57	17 57	24 27		n.a.
W15	16 13	14 47	5 7	8 50	3 35	1 53	7 34	15 16	1 32	15 11	0 25	19 44	0 54	20 37	0 0	22 52	0 21	21 8	16 50	17 57	17 57	24 26		n.a.
T 16	15 55	19 39	5 17	8 52	3 40	1 53	7 41	15 26	1 32	15 13	0 25	19 44	0 54	20 38	0 0	22 52	0 21	21 8	16 50	17 57	17 58	24 24		n.a.
F 17	15 36	23 39	5 10	8 58	3 43	1 54	7 49	15 37	1 32	15 15	0 25	19 44	0 53	20 38	0 0	22 51	0 21	21 7	16 50	17 57	17 59	24 22		n.a.
S 18	15 18	26 23	4 45	9 8	3 45	1 56	7 56	15 47	1 32	15 17	0 24	19 45	0 53	20 38	0 0	22 51	0 21	21 6	16 49	17 57	18 0	24 20		n.a.
S 19	14 59	27 31	4 3	9 21	3 44	2 0	8 2	15 57	1 32	15 19	0 24	19 45	0 53	20 39	0 0	22 51	0 21	21 6	16 49	17 57	18 1	24 18		n.a.
M20	14 40	26 47	3 3	9 37	3 42	2 5	8 7	16 8	1 32	15 21	0 24	19 45	0 53	20 39	0 0	22 51	0 21	21 5	16 49	17 57	18 2	24 17		n.a.
T 21	14 20	24 9	1 51	9 56	3 38	2 11	8 12	16 18	1 32	15 23	0 24	19 46	0 53	20 39	0 0	22 50	0 21	21 4	16 49	17 56	18 3	24 15		n.a.
W22	14 1	19 50	0 30	10 17	3 33	2 19	8 16	16 28	1 32	15 26	0 24	19 46	0 52	20 39	0 0	22 50	0 21	21 4	16 49	17 56	18 3	24 13		n.a.
T 23	13 41	14 15	0n53	10 40	3 26	2 28	8 19	16 38	1 32	15 28	0 23	19 47	0 52	20 40	0 0	22 50	0 21	21 3	16 49	17 56	18 4	24 11		n.a.
F 24	13 21	7 54	2 11	11 5	3 17	2 38	8 22	16 49	1 32	15 30	0 23	19 47	0 52	20 40	0 0	22 50	0 21	21 2	16 48	17 57	18 5	24 10		n.a.
S 25	13 1	1 14	3 20	11 30	3 7	2 49	8 23	16 59	1 32	15 33	0 23	19 48	0 52	20 40	0 0	22 49	0 21	21 2	16 48	17 57	18 6	24 8		n.a.
S 26	12 40	5n18	4 14	11 57	2 55	3 2	8 24	17 9	1 32	15 35	0 23	19 48	0 52	20 40	0 0	22 49	0 21	21 1	16 48	17 58	18 7	24 6		n.a.
M27	12 20	11 24	4 51	12 23	2 42	3 15	8 23	17 19	1 32	15 38	0 23	19 49	0 51	20 40	0 0	22 49	0 21	21 0	16 48	17 58	18 8	24 4		n.a.
T 28	11s59	16n46	5n12	12s50	2n29	3s30	8n22	17n29	1n32	15n40	0s22	19n49	0s51	20s41	0n 0	22s49	0s21	21s 0	16s48	17s59	18s 9	24n 2		n.a.

Julian Day Number = 1312739.5, Delta T = 07h40m05s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'15, Lahiri = -19°24'14 Julian Calendar 1 Feb. 1119 BCE == Greg. Calendar 21 Jan. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

MARCH 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 52 7	0♓ 3'05	13♉42	18°R57	0°R19	13♉36	13♉14	0♊52	0♐58	18♑58	15♓58	10°R 9	9♒31	20♋ 2	n.a.	W 1
T 2	9 56 4	1° 1'52	26°17	18♒22	29♒41	14° 8	13°22	0°54	0°58	19° 0	16° 0	10°D 8	9°28	20° 9	n.a.	T 2
F 3	10 0 0	2° 0'36	8♊33	17°52	29° 3	14°40	13°30	0°56	0°59	19° 2	16° 1	10♒ 8	9°25	20°16	n.a.	F 3
S 4	10 3 57	2°59'18	20°35	17°27	28°26	15°13	13°38	0°59	1° 0	19° 4	16° 2	10° 9	9°22	20°22	n.a.	S 4
S 5	10 7 54	3°57'57	2♋27	17° 6	27°49	15°45	13°46	1° 1	1° 0	19° 5	16° 4	10°11	9°19	20°29	n.a.	S 5
M 6	10 11 50	4°56'34	14°15	16°51	27°13	16°18	13°54	1° 4	1° 1	19° 7	16° 5	10°13	9°16	20°36	n.a.	M 6
T 7	10 15 47	5°55'09	26° 3	16°42	26°39	16°50	14° 3	1° 6	1° 1	19° 9	16° 6	10°14	9°12	20°42	n.a.	T 7
W 8	10 19 43	6°53'42	7♌55	16°D37	26° 6	17°23	14°11	1° 9	1° 2	19°10	16° 8	10°R15	9° 9	20°49	n.a.	W 8
T 9	10 23 40	7°52'12	19°53	16°38	25°34	17°56	14°20	1°12	1° 2	19°12	16° 9	10°14	9° 6	20°56	n.a.	T 9
F 10	10 27 36	8°50'40	2♍ 1	16°44	25° 4	18°29	14°29	1°15	1° 3	19°14	16°11	10°13	9° 3	21° 2	n.a.	F 10
S 11	10 31 33	9°49'06	14°20	16°55	24°36	19° 2	14°38	1°18	1° 3	19°15	16°12	10° 9	9° 0	21° 9	n.a.	S 11
S 12	10 35 29	10°47'30	26°51	17°11	24°10	19°35	14°47	1°21	1° 3	19°17	16°13	10° 5	8°56	21°15	n.a.	S 12
M13	10 39 26	11°45'52	9♎35	17°32	23°47	20° 8	14°56	1°24	1° 3	19°18	16°15	10° 0	8°53	21°22	n.a.	M13
T 14	10 43 22	12°44'13	22°33	17°57	23°25	20°41	15° 5	1°27	1° 3	19°20	16°16	9°55	8°50	21°29	n.a.	T 14
W15	10 47 19	13°42'31	5♏44	18°26	23° 6	21°14	15°15	1°31	1° 4	19°22	16°17	9°50	8°47	21°35	n.a.	W15
T 16	10 51 16	14°40'48	19° 9	19° 0	22°49	21°47	15°24	1°34	1° 4	19°23	16°19	9°46	8°44	21°42	n.a.	T 16
F 17	10 55 12	15°39'04	2♐47	19°37	22°35	22°21	15°34	1°38	1°R 4	19°24	16°20	9°44	8°41	21°49	n.a.	F 17
S 18	10 59 9	16°37'17	16°39	20°19	22°23	22°54	15°44	1°41	1° 4	19°26	16°22	9°D43	8°37	21°55	n.a.	S 18
S 19	11 3 5	17°35'29	0♑44	21° 4	22°14	23°28	15°53	1°45	1° 3	19°27	16°23	9°44	8°34	22° 2	n.a.	S 19
M20	11 7 2	18°33'40	15° 1	21°52	22° 7	24° 1	16° 3	1°49	1° 3	19°29	16°24	9°45	8°31	22° 9	n.a.	M20
T 21	11 10 58	19°31'49	29°28	22°44	22° 2	24°35	16°13	1°53	1° 3	19°30	16°26	9°46	8°28	22°15	n.a.	T 21
W22	11 14 55	20°29'56	14♒ 2	23°39	22°D 0	25° 8	16°23	1°57	1° 3	19°31	16°27	9°R46	8°25	22°22	n.a.	W22
T 23	11 18 51	21°28'02	28°37	24°37	22° 0	25°42	16°34	2° 1	1° 3	19°33	16°29	9°45	8°22	22°29	n.a.	T 23
F 24	11 22 48	22°26'06	13♓ 9	25°39	22° 3	26°16	16°44	2° 5	1° 2	19°34	16°30	9°42	8°18	22°35	n.a.	F 24
S 25	11 26 45	23°24'08	27°31	26°42	22° 8	26°50	16°54	2°10	1° 2	19°35	16°31	9°36	8°15	22°42	n.a.	S 25
S 26	11 30 41	24°22'08	11♈38	27°49	22°15	27°24	17° 5	2°14	1° 1	19°36	16°33	9°30	8°12	22°49	n.a.	S 26
M27	11 34 38	25°20'07	25°23	28°58	22°24	27°58	17°15	2°19	1° 1	19°38	16°34	9°22	8° 9	22°55	n.a.	M27
T 28	11 38 34	26°18'04	8♉46	0♓10	22°36	28°32	17°26	2°23	1° 0	19°39	16°36	9°15	8° 6	23° 2	n.a.	T 28
W29	11 42 31	27°15'59	21°45	1°24	22°49	29° 6	17°37	2°28	1° 0	19°40	16°37	9° 8	8° 2	23° 9	n.a.	W29
T 30	11 46 27	28°13'52	4♊22	2°41	23° 5	29°40	17°48	2°32	0°59	19°41	16°38	9° 4	7°59	23°15	n.a.	T 30
F 31	11 50 24	29♓11'43	16♊40	4♓ 0	23♒22	0♊14	17♉59	2♊37	0♐58	19♑42	16♓40	9♒ 1	7♒56	23♋22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s38	21n13	5n15	13s16	2n14	3s45	8n20	17n39	1n32	15n43	0s22	19n50	0s51	20s41	0n 0	22s48	0s21	20s59	16s48	17s59	18s10	24n 0			n.a.
T 2	11 17	24 33	5 3	13 41	1 59	4 1	8 16	17 48	1 32	15 45	0 22	19 51	0 51	20 41	0 0	22 48	0 21	20 58	16 48	17 59	18 10	23 59			n.a.
F 3	10 56	26 40	4 38	14 4	1 44	4 18	8 12	17 58	1 32	15 48	0 22	19 51	0 51	20 41	0 0	22 48	0 21	20 58	16 48	17 59	18 11	23 57			n.a.
S 4	10 34	27 29	4 1	14 27	1 29	4 36	8 7	18 8	1 32	15 50	0 22	19 52	0 50	20 41	0 0	22 48	0 21	20 57	16 48	17 59	18 12	23 55			n.a.
S 5	10 13	27 2	3 13	14 48	1 13	4 54	8 1	18 18	1 32	15 53	0 22	19 53	0 50	20 41	0 0	22 47	0 21	20 57	16 47	17 59	18 13	23 53			n.a.
M 6	9 51	25 21	2 18	15 8	0 58	5 12	7 55	18 27	1 32	15 56	0 21	19 53	0 50	20 42	0 0	22 47	0 21	20 56	16 47	17 58	18 14	23 51			n.a.
T 7	9 29	22 33	1 17	15 25	0 42	5 31	7 47	18 37	1 32	15 59	0 21	19 54	0 50	20 42	0 0	22 47	0 21	20 55	16 47	17 58	18 15	23 49			n.a.
W 8	9 7	18 48	0 13	15 41	0 27	5 50	7 39	18 46	1 32	16 1	0 21	19 55	0 50	20 42	0 0	22 47	0 21	20 55	16 47	17 58	18 16	23 47			n.a.
T 9	8 45	14 15	0s53	15 55	0 12	6 9	7 30	18 56	1 32	16 4	0 21	19 56	0 50	20 42	0 0	22 47	0 21	20 54	16 47	17 58	18 16	23 46			n.a.
F 10	8 23	9 7	1 57	16 6	0s 2	6 27	7 21	19 5	1 32	16 7	0 21	19 56	0 49	20 42	0 0	22 46	0 21	20 53	16 47	17 58	18 17	23 44			n.a.
S 11	8 1	3 34	2 56	16 16	0 16	6 46	7 11	19 14	1 32	16 10	0 21	19 57	0 49	20 42	0 0	22 46	0 21	20 53	16 47	17 59	18 18	23 42			n.a.
S 12	7 38	2s12	3 48	16 24	0 29	7 5	7 0	19 23	1 32	16 13	0 20	19 58	0 49	20 42	0 0	22 46	0 21	20 52	16 47	18 0	18 19	23 40			n.a.
M13	7 16	7 58	4 29	16 30	0 42	7 23	6 49	19 33	1 32	16 16	0 20	19 59	0 49	20 42	0 0	22 46	0 21	20 52	16 47	18 2	18 20	23 38			n.a.
T 14	6 53	13 30	4 58	16 33	0 54	7 41	6 38	19 42	1 32	16 18	0 20	20 0	0 49	20 42	0 0	22 46	0 21	20 51	16 47	18 3	18 21	23 36			n.a.
W15	6 30	18 31	5 11	16 35	1 5	7 58	6 26	19 51	1 32	16 21	0 20	20 1	0 48	20 42	0 0	22 45	0 21	20 50	16 47	18 5	18 21	23 34			n.a.
T 16	6 8	22 43	5 8	16 35	1 16	8 15	6 14	19 59	1 32	16 24	0 20	20 1	0 48	20 42	0 0	22 45	0 21	20 50	16 47	18 6	18 22	23 32			n.a.
F 17	5 45	25 45	4 47	16 32	1 27	8 31	6 2	20 8	1 32	16 27	0 20	20 2	0 48	20 42	0 0	22 45	0 21	20 49	16 47	18 6	18 23	23 30			n.a.
S 18	5 22	27 17	4 10	16 28	1 36	8 47	5 49	20 17	1 32	16 30	0 19	20 3	0 48	20 42	0 0	22 45	0 21	20 49	16 47	18 6	18 24	23 28			n.a.
S 19	4 59	27 6	3 17	16 22	1 45	9 1	5 37	20 25	1 32	16 33	0 19	20 4	0 48	20 42	0 0	22 45	0 21	20 48	16 47	18 6	18 25	23 27			n.a.
M20	4 36	25 8	2 11	16 14	1 53	9 16	5 24	20 34	1 32	16 36	0 19	20 5	0 48	20 42	0 0	22 44	0 21	20 48	16 47	18 6	18 26	23 25			n.a.
T 21	4 13	21 30	0 56	16 4	2 1	9 29	5 11	20 42	1 32	16 40	0 19	20 6	0 47	20 42	0 0	22 44	0 21	20 47	16 47	18 6	18 27	23 23			n.a.
W22	3 49	16 31	0n23	15 52	2 8	9 42	4 59	20 51	1 32	16 43	0 19	20 7	0 47	20 42	0 0	22 44	0 21	20 46	16 47	18 5	18 27	23 21			n.a.
T 23	3 26	10 34	1 41	15 38	2 14	9 54	4 46	20 59	1 32	16 46	0 19	20 8	0 47	20 42	0 0	22 44	0 21	20 46	16 47	18 6	18 28	23 19			n.a.
F 24	3 3	4 6	2 51	15 22	2 20	10 5	4 33	21 7	1 32	16 49	0 18	20 9	0 47	20 42	0 0	22 44	0 21	20 45	16 47	18 7	18 29	23 17			n.a.
S 25	2 40	2n30	3 50	15 5	2 25	10 15	4 20	21 15	1 32	16 52	0 18	20 10	0 47	20 42	0 0	22 44	0 21	20 45	16 47	18 8	18 30	23 15			n.a.
S 26	2 16	8 51	4 33	14 45	2 29	10 25	4 8	21 23	1 31	16 55	0 18	20 11	0 46	20 42	0 0	22 43	0 21	20 44	16 47	18 10	18 31	23 13			n.a.
M27	1 53	14 36	4 59	14 24	2 33	10 34	3 56	21 31	1 31	16 58	0 18	20 12	0 46	20 42	0 0	22 43	0 21	20 44	16 47	18 12	18 32	23 11			n.a.
T 28	1 30	19 30	5 8	14 1	2 36	10 41	3 43	21 38	1 31	17 2	0 18	20 13	0 46	20 42	0 0	22 43	0 21	20 43	16 47	18 14	18 32	23 9			n.a.
W29	1 6	23 20	5 1	13 37	2 39	10 49	3 31	21 46	1 31	17 5	0 18	20 15	0 46	20 41	0 0	22 43	0 21	20 43	16 47	18 16	18 33	23 7			n.a.
T 30	0 43	25 56	4 39	13 10	2 40	10 55	3 19	21 53	1 31	17 8	0 18	20 16	0 46	20 41	0 0	22 43	0 22	20 42	16 47	18 17	18 34	23 5			n.a.
F 31	0s20	27n12	4n 5	12s42	2s42	11s 0	3n 7	22n 1	1n31	17n11	0s17	20n17	0s46	20s41	0n 0	22s43	0s22	20s42	16s47	18s18	18s35	23n 3			n.a.

Julian Day Number = 1312767.5, Delta T = 07h40m03s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'11, Lahiri = -19°24'11 Julian Calendar 1 March 1119 BCE == Greg. Calendar 18 Feb. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

APRIL 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 20	0♈ 9'32	28♊42	5♓21	23♒41	0♊49	18♉10	2♊42	0°R58	19♋43	16♓41	9°D 0	7♒53	23♋29	n.a.	S 1
S 2	11 58 17	1° 7'19	10♋36	6°45	24° 3	1°23	18°21	2°47	0♐57	19°44	16°42	9♒ 0	7°50	23°35	n.a.	S 2
M 3	12 2 13	2° 5'05	22°24	8°11	24°25	1°57	18°32	2°52	0°56	19°45	16°44	9° 1	7°47	23°42	n.a.	M 3
T 4	12 6 10	3° 2'49	4♌13	9°39	24°50	2°32	18°43	2°57	0°55	19°46	16°45	9°R 2	7°43	23°48	n.a.	T 4
W 5	12 10 7	4° 0'30	16° 8	11° 9	25°16	3° 6	18°55	3° 2	0°54	19°47	16°47	9° 2	7°40	23°55	n.a.	W 5
T 6	12 14 3	4°58'11	28°12	12°41	25°44	3°41	19° 6	3° 8	0°53	19°48	16°48	9° 0	7°37	24° 2	n.a.	T 6
F 7	12 18 0	5°55'49	10♍30	14°16	26°13	4°16	19°17	3°13	0°52	19°49	16°49	8°56	7°34	24° 8	n.a.	F 7
S 8	12 21 56	6°53'26	23° 3	15°52	26°44	4°50	19°29	3°18	0°51	19°50	16°50	8°49	7°31	24°15	n.a.	S 8
S 9	12 25 53	7°51'02	5♎52	17°31	27°16	5°25	19°41	3°24	0°50	19°51	16°52	8°41	7°27	24°22	n.a.	S 9
M10	12 29 49	8°48'36	18°58	19°12	27°49	6° 0	19°52	3°29	0°49	19°51	16°53	8°31	7°24	24°28	n.a.	M10
T 11	12 33 46	9°46'08	2♏19	20°55	28°24	6°34	20° 4	3°35	0°48	19°52	16°54	8°21	7°21	24°35	n.a.	T 11
W12	12 37 42	10°43'40	15°53	22°40	29° 0	7° 9	20°16	3°41	0°46	19°53	16°56	8°11	7°18	24°42	n.a.	W12
T 13	12 41 39	11°41'10	29°38	24°27	29°37	7°44	20°28	3°46	0°45	19°53	16°57	8° 4	7°15	24°48	n.a.	T 13
F 14	12 45 36	12°38'40	13♐31	26°16	0♓15	8°19	20°40	3°52	0°44	19°54	16°58	7°58	7°12	24°55	n.a.	F 14
S 15	12 49 32	13°36'08	27°31	28° 7	0°55	8°54	20°52	3°58	0°43	19°55	17° 0	7°55	7° 8	25° 2	n.a.	S 15
S 16	12 53 29	14°33'36	11♑35	0♈ 1	1°36	9°29	21° 4	4° 4	0°41	19°55	17° 1	7°D54	7° 5	25° 8	n.a.	S 16
M17	12 57 25	15°31'03	25°44	1°56	2°17	10° 4	21°16	4°10	0°40	19°56	17° 2	7°54	7° 2	25°15	n.a.	M17
T 18	13 1 22	16°28'28	9♒54	3°54	3° 0	10°39	21°28	4°16	0°38	19°56	17° 3	7°R54	6°59	25°22	n.a.	T 18
W19	13 5 18	17°25'53	24° 6	5°53	3°43	11°14	21°40	4°22	0°37	19°57	17° 5	7°53	6°56	25°28	n.a.	W19
T 20	13 9 15	18°23'17	8♓17	7°55	4°28	11°50	21°52	4°28	0°35	19°57	17° 6	7°50	6°53	25°35	n.a.	T 20
F 21	13 13 11	19°20'40	22°24	9°58	5°13	12°25	22° 5	4°35	0°34	19°58	17° 7	7°45	6°49	25°41	n.a.	F 21
S 22	13 17 8	20°18'02	6♈23	12° 3	5°59	13° 0	22°17	4°41	0°32	19°58	17° 8	7°36	6°46	25°48	n.a.	S 22
S 23	13 21 5	21°15'24	20° 9	14° 9	6°46	13°35	22°30	4°47	0°30	19°58	17° 9	7°26	6°43	25°55	n.a.	S 23
M24	13 25 1	22°12'44	3♉40	16°17	7°34	14°11	22°42	4°54	0°29	19°59	17°11	7°14	6°40	26° 1	n.a.	M24
T 25	13 28 58	23°10'03	16°53	18°26	8°22	14°46	22°55	5° 0	0°27	19°59	17°12	7° 3	6°37	26° 8	n.a.	T 25
W26	13 32 54	24° 7'21	29°45	20°36	9°11	15°22	23° 7	5° 7	0°25	19°59	17°13	6°52	6°33	26°15	n.a.	W26
T 27	13 36 51	25° 4'39	12♊19	22°47	10° 1	15°57	23°20	5°13	0°23	20° 0	17°14	6°44	6°30	26°21	n.a.	T 27
F 28	13 40 47	26° 1'55	24°35	24°58	10°52	16°33	23°33	5°20	0°21	20° 0	17°15	6°38	6°27	26°28	n.a.	F 28
S 29	13 44 44	26°59'10	6♋37	27°10	11°43	17° 8	23°45	5°27	0°20	20° 0	17°16	6°34	6°24	26°35	n.a.	S 29
S 30	13 48 40	27♈56'24	18♋30	29♈21	12♓35	17♊44	23♉58	5♊33	0♐18	20♋ 0	17♓17	6♒33	6♒21	26♋41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 4	27n 9	3n20	12s12	2s42	11s 5	2n56	22n 8	1n31	17n15	0s17	20n18	0s45	20s41	0n 0	22s43	0s22	20s41	16s47	18s18	18s36	23n 1		n.a.
S 2	0 27	25 51	2 27	11 41	2 42	11 8	2 44	22 15	1 31	17 18	0 17	20 19	0 45	20 41	0s 0	22 42	0 22	20 41	16 47	18 18	18 37	22 59		n.a.
M 3	0 51	23 23	1 28	11 8	2 42	11 11	2 33	22 22	1 31	17 21	0 17	20 20	0 45	20 41	0 0	22 42	0 22	20 40	16 47	18 18	18 37	22 57		n.a.
T 4	1 14	19 56	0 26	10 33	2 40	11 14	2 22	22 29	1 31	17 24	0 17	20 21	0 45	20 41	0 0	22 42	0 22	20 40	16 47	18 17	18 38	22 55		n.a.
W 5	1 37	15 39	0s38	9 56	2 39	11 15	2 11	22 36	1 31	17 28	0 17	20 22	0 45	20 40	0 0	22 42	0 22	20 39	16 48	18 17	18 39	22 53		n.a.
T 6	2 0	10 43	1 41	9 18	2 36	11 15	2 1	22 43	1 30	17 31	0 16	20 24	0 45	20 40	0 0	22 42	0 22	20 39	16 48	18 18	18 40	22 51		n.a.
F 7	2 24	5 17	2 40	8 39	2 33	11 15	1 51	22 49	1 30	17 34	0 16	20 25	0 45	20 40	0 0	22 42	0 22	20 38	16 48	18 19	18 41	22 49		n.a.
S 8	2 47	0s27	3 33	7 57	2 30	11 14	1 40	22 56	1 30	17 38	0 16	20 26	0 44	20 40	0 0	22 42	0 22	20 38	16 48	18 21	18 42	22 47		n.a.
S 9	3 10	6 16	4 16	7 14	2 26	11 12	1 30	23 2	1 30	17 41	0 16	20 27	0 44	20 40	0 0	22 42	0 22	20 38	16 48	18 23	18 42	22 45		n.a.
M10	3 33	11 57	4 47	6 30	2 21	11 10	1 21	23 8	1 30	17 44	0 16	20 28	0 44	20 39	0 0	22 42	0 22	20 37	16 48	18 26	18 43	22 43		n.a.
T 11	3 56	17 11	5 2	5 44	2 16	11 7	1 11	23 14	1 30	17 48	0 16	20 30	0 44	20 39	0 0	22 41	0 22	20 37	16 48	18 28	18 44	22 41		n.a.
W12	4 19	21 39	5 1	4 56	2 10	11 3	1 2	23 20	1 30	17 51	0 16	20 31	0 44	20 39	0 0	22 41	0 22	20 36	16 48	18 31	18 45	22 39		n.a.
T 13	4 42	25 0	4 43	4 8	2 4	10 58	0 53	23 26	1 30	17 54	0 16	20 32	0 44	20 39	0 0	22 41	0 22	20 36	16 48	18 33	18 46	22 36		n.a.
F 14	5 4	26 54	4 8	3 17	1 57	10 52	0 44	23 31	1 29	17 58	0 15	20 33	0 43	20 38	0 0	22 41	0 22	20 36	16 49	18 34	18 46	22 34		n.a.
S 15	5 27	27 6	3 18	2 26	1 49	10 46	0 36	23 37	1 29	18 1	0 15	20 35	0 43	20 38	0 0	22 41	0 22	20 35	16 49	18 35	18 47	22 32		n.a.
S 16	5 50	25 34	2 15	1 33	1 42	10 39	0 27	23 42	1 29	18 4	0 15	20 36	0 43	20 38	0 0	22 41	0 22	20 35	16 49	18 35	18 48	22 30		n.a.
M17	6 12	22 24	1 4	0 38	1 33	10 32	0 19	23 47	1 29	18 8	0 15	20 37	0 43	20 37	0 0	22 41	0 22	20 34	16 49	18 35	18 49	22 28		n.a.
T 18	6 35	17 53	0n11	0n17	1 25	10 24	0 11	23 52	1 29	18 11	0 15	20 38	0 43	20 37	0 0	22 41	0 22	20 34	16 49	18 35	18 50	22 26		n.a.
W19	6 57	12 22	1 25	1 13	1 16	10 15	0 4	23 57	1 29	18 14	0 15	20 40	0 43	20 37	0 0	22 41	0 22	20 34	16 49	18 36	18 51	22 24		n.a.
T 20	7 19	6 13	2 34	2 11	1 6	10 5	0s 4	24 2	1 29	18 18	0 15	20 41	0 43	20 37	0 0	22 41	0 22	20 33	16 49	18 36	18 51	22 22		n.a.
F 21	7 41	0n11	3 33	3 9	0 56	9 55	0 11	24 7	1 28	18 21	0 14	20 42	0 42	20 36	0 0	22 41	0 22	20 33	16 50	18 38	18 52	22 20		n.a.
S 22	8 3	6 31	4 18	4 8	0 46	9 45	0 18	24 11	1 28	18 25	0 14	20 44	0 42	20 36	0 0	22 41	0 22	20 33	16 50	18 40	18 53	22 18		n.a.
S 23	8 25	12 26	4 48	5 7	0 36	9 33	0 25	24 16	1 28	18 28	0 14	20 45	0 42	20 36	0 0	22 41	0 22	20 32	16 50	18 43	18 54	22 16		n.a.
M24	8 47	17 39	5 1	6 7	0 25	9 21	0 31	24 20	1 28	18 31	0 14	20 46	0 42	20 35	0 0	22 41	0 22	20 32	16 50	18 46	18 55	22 13		n.a.
T 25	9 9	21 53	4 57	7 7	0 15	9 9	0 38	24 24	1 28	18 35	0 14	20 48	0 42	20 35	0 0	22 41	0 22	20 32	16 50	18 49	18 55	22 11		n.a.
W26	9 30	24 57	4 38	8 6	0 4	8 56	0 44	24 28	1 28	18 38	0 14	20 49	0 42	20 34	0 0	22 41	0 22	20 31	16 51	18 51	18 56	22 9		n.a.
T 27	9 52	26 42	4 6	9 6	0n 6	8 42	0 50	24 31	1 27	18 41	0 14	20 50	0 42	20 34	0 0	22 41	0 22	20 31	16 51	18 54	18 57	22 7		n.a.
F 28	10 13	27 6	3 23	10 5	0 17	8 28	0 56	24 35	1 27	18 45	0 14	20 52	0 41	20 34	0 0	22 41	0 22	20 31	16 51	18 55	18 58	22 5		n.a.
S 29	10 34	26 11	2 32	11 3	0 27	8 14	1 2	24 38	1 27	18 48	0 13	20 53	0 41	20 33	0 0	22 41	0 22	20 31	16 51	18 56	18 59	22 3		n.a.
S 30	10n55	24n 5	1n34	12n 0	0n37	7s59	1s 7	24n42	1n27	18n51	0s13	20n54	0s41	20s33	0s 0	22s41	0s22	20s30	16s51	18s56	18s59	22n 1		n.a.

Julian Day Number = 1312798.5, Delta T = 07h40m02s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'07, Lahiri = -19°24'06 Julian Calendar 1 Apr. 1119 BCE == Greg. Calendar 21 March 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

MAY 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 52 37	28♈53'37	0♌19	1♉33	13♓27	18♊20	24♉11	5♊40	0°R16	20♑ 0	17♓19	6°R32	6♒18	26♋48	n.a.	M 1
T 2	13 56 34	29°50'49	12° 9	3°44	14°20	18°56	24°24	5°47	0♐14	20° 0	17°20	6♒32	6°14	26°55	n.a.	T 2
W 3	14 0 30	0♉48'00	24° 5	5°54	15°14	19°31	24°37	5°54	0°12	20°R 0	17°21	6°31	6°11	27° 1	n.a.	W 3
T 4	14 4 27	1°45'10	6♍14	8° 3	16° 8	20° 7	24°50	6° 1	0°10	20° 0	17°22	6°29	6° 8	27° 8	n.a.	T 4
F 5	14 8 23	2°42'19	18°38	10°11	17° 2	20°43	25° 2	6° 7	0° 8	20° 0	17°23	6°24	6° 5	27°15	n.a.	F 5
S 6	14 12 20	3°39'28	1♎21	12°17	17°57	21°19	25°15	6°14	0° 6	20° 0	17°24	6°16	6° 2	27°21	n.a.	S 6
S 7	14 16 16	4°36'35	14°25	14°22	18°53	21°55	25°28	6°21	0° 4	20° 0	17°25	6° 6	5°59	27°28	n.a.	S 7
M 8	14 20 13	5°33'42	27°51	16°25	19°49	22°31	25°41	6°29	0° 1	20° 0	17°26	5°55	5°55	27°34	n.a.	M 8
T 9	14 24 9	6°30'49	11♏35	18°26	20°45	23° 7	25°55	6°36	29♏59	20° 0	17°27	5°43	5°52	27°41	n.a.	T 9
W10	14 28 6	7°27'55	25°34	20°25	21°42	23°43	26° 8	6°43	29°57	20° 0	17°28	5°31	5°49	27°48	n.a.	W10
T 11	14 32 3	8°25'01	9♐44	22°22	22°39	24°19	26°21	6°50	29°55	19°59	17°29	5°22	5°46	27°54	n.a.	T 11
F 12	14 35 59	9°22'06	24° 0	24°17	23°37	24°55	26°34	6°57	29°53	19°59	17°30	5°15	5°43	28° 1	n.a.	F 12
S 13	14 39 56	10°19'12	8♑18	26°10	24°35	25°31	26°47	7° 4	29°51	19°59	17°31	5°11	5°39	28° 8	n.a.	S 13
S 14	14 43 52	11°16'17	22°33	28° 0	25°34	26° 7	27° 0	7°12	29°48	19°58	17°32	5° 9	5°36	28°14	n.a.	S 14
M15	14 47 49	12°13'23	6♒44	29°49	26°33	26°43	27°14	7°19	29°46	19°58	17°32	5° 9	5°33	28°21	n.a.	M15
T 16	14 51 45	13°10'28	20°49	1♊35	27°32	27°20	27°27	7°26	29°44	19°58	17°33	5° 9	5°30	28°28	n.a.	T 16
W17	14 55 42	14° 7'33	4♓48	3°18	28°32	27°56	27°40	7°34	29°41	19°57	17°34	5° 8	5°27	28°34	n.a.	W17
T 18	14 59 39	15° 4'39	18°40	5° 0	29°32	28°32	27°53	7°41	29°39	19°57	17°35	5° 5	5°24	28°41	n.a.	T 18
F 19	15 3 35	16° 1'44	2♈23	6°39	0♈32	29° 9	28° 7	7°48	29°37	19°56	17°36	4°59	5°20	28°48	n.a.	F 19
S 20	15 7 32	16°58'50	15°57	8°16	1°32	29°45	28°20	7°56	29°34	19°56	17°37	4°50	5°17	28°54	n.a.	S 20
S 21	15 11 28	17°55'56	29°20	9°51	2°33	0♋22	28°33	8° 3	29°32	19°55	17°37	4°39	5°14	29° 1	n.a.	S 21
M22	15 15 25	18°53'01	12♉30	11°23	3°35	0°58	28°47	8°11	29°30	19°55	17°38	4°27	5°11	29° 8	n.a.	M22
T 23	15 19 21	19°50'07	25°25	12°53	4°36	1°35	29° 0	8°18	29°27	19°54	17°39	4°15	5° 8	29°14	n.a.	T 23
W24	15 23 18	20°47'13	8♊ 4	14°21	5°38	2°11	29°14	8°26	29°25	19°54	17°40	4° 5	5° 5	29°21	n.a.	W24
T 25	15 27 14	21°44'19	20°28	15°46	6°40	2°48	29°27	8°34	29°23	19°53	17°40	3°56	5° 1	29°27	n.a.	T 25
F 26	15 31 11	22°41'25	2♋39	17° 9	7°42	3°24	29°40	8°41	29°20	19°52	17°41	3°49	4°58	29°34	n.a.	F 26
S 27	15 35 8	23°38'30	14°37	18°29	8°45	4° 1	29°54	8°49	29°18	19°52	17°42	3°45	4°55	29°41	n.a.	S 27
S 28	15 39 4	24°35'36	26°28	19°47	9°48	4°38	0♊ 7	8°56	29°15	19°51	17°42	3°43	4°52	29°47	n.a.	S 28
M29	15 43 1	25°32'41	8♌16	21° 2	10°51	5°15	0°21	9° 4	29°13	19°50	17°43	3°D43	4°49	29°54	n.a.	M29
T 30	15 46 57	26°29'47	20° 5	22°15	11°54	5°52	0°34	9°12	29°11	19°49	17°44	3°44	4°45	0♌ 1	n.a.	T 30
W31	15 50 54	27♉26'52	2♍ 2	23♊25	12♈57	6♋28	0♊48	9♊19	29♏ 8	19♑48	17♓44	3°R44	4♒42	0♌ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n15	20n57	0n33	12n56	0n47	7s43	1s12	24n45	1n27	18n55	0s13	20n56	0s41	20s32	0s 0	22s41	0s22	20s30	16s52	18s57	19s 0	21n58			n.a.
T 2	11 36	16 57	0s30	13 51	0 56	7 27	1 17	24 48	1 27	18 58	0 13	20 57	0 41	20 32	0 0	22 41	0 22	20 30	16 52	18 57	19 1	21 56			n.a.
W 3	11 56	12 16	1 32	14 44	1 5	7 11	1 22	24 51	1 26	19 1	0 13	20 58	0 41	20 32	0 0	22 41	0 22	20 30	16 52	18 57	19 2	21 54			n.a.
T 4	12 17	7 3	2 30	15 35	1 14	6 54	1 27	24 53	1 26	19 5	0 13	21 0	0 41	20 31	0 0	22 41	0 22	20 29	16 52	18 57	19 3	21 52			n.a.
F 5	12 37	1 28	3 23	16 24	1 22	6 36	1 32	24 56	1 26	19 8	0 13	21 1	0 41	20 31	0 0	22 41	0 22	20 29	16 53	18 59	19 3	21 50			n.a.
S 6	12 56	4s19	4 7	17 11	1 29	6 18	1 36	24 58	1 26	19 11	0 13	21 2	0 40	20 30	0 0	22 41	0 22	20 29	16 53	19 1	19 4	21 48			n.a.
S 7	13 16	10 3	4 40	17 56	1 36	6 0	1 40	25 0	1 26	19 14	0 12	21 4	0 40	20 30	0 0	22 41	0 22	20 29	16 53	19 3	19 5	21 45			n.a.
M 8	13 35	15 29	4 58	18 39	1 42	5 41	1 44	25 2	1 25	19 18	0 12	21 5	0 40	20 29	0 0	22 41	0 22	20 29	16 53	19 6	19 6	21 43			n.a.
T 9	13 55	20 17	4 59	19 19	1 48	5 22	1 48	25 4	1 25	19 21	0 12	21 6	0 40	20 29	0 0	22 41	0 23	20 29	16 53	19 9	19 7	21 41			n.a.
W10	14 14	24 2	4 43	19 57	1 52	5 3	1 52	25 6	1 25	19 24	0 12	21 8	0 40	20 29	0 0	22 41	0 23	20 28	16 54	19 12	19 7	21 39			n.a.
T 11	14 32	26 22	4 9	20 32	1 56	4 43	1 55	25 7	1 25	19 27	0 12	21 9	0 40	20 28	0 0	22 41	0 23	20 28	16 54	19 14	19 8	21 37			n.a.
F 12	14 51	27 0	3 19	21 5	2 0	4 23	1 59	25 8	1 25	19 31	0 12	21 10	0 40	20 28	0 0	22 41	0 23	20 28	16 54	19 16	19 9	21 34			n.a.
S 13	15 9	25 51	2 17	21 35	2 3	4 2	2 2	25 10	1 24	19 34	0 12	21 12	0 40	20 27	0 0	22 41	0 23	20 28	16 55	19 17	19 10	21 32			n.a.
S 14	15 27	23 0	1 6	22 3	2 5	3 42	2 5	25 10	1 24	19 37	0 12	21 13	0 39	20 27	0 0	22 41	0 23	20 28	16 55	19 17	19 11	21 30			n.a.
M15	15 45	18 45	0n 8	22 29	2 6	3 20	2 8	25 11	1 24	19 40	0 12	21 14	0 39	20 26	0 0	22 41	0 23	20 28	16 55	19 17	19 11	21 28			n.a.
T 16	16 3	13 30	1 22	22 53	2 6	2 59	2 10	25 12	1 24	19 43	0 11	21 16	0 39	20 26	0 0	22 41	0 23	20 28	16 55	19 17	19 12	21 25			n.a.
W17	16 20	7 35	2 30	23 14	2 6	2 37	2 13	25 12	1 24	19 47	0 11	21 17	0 39	20 25	0 0	22 42	0 23	20 28	16 56	19 18	19 13	21 23			n.a.
T 18	16 37	1 22	3 29	23 32	2 6	2 15	2 15	25 13	1 23	19 50	0 11	21 18	0 39	20 25	0 0	22 42	0 23	20 27	16 56	19 18	19 14	21 21			n.a.
F 19	16 54	4n51	4 14	23 49	2 4	1 53	2 17	25 13	1 23	19 53	0 11	21 20	0 39	20 24	0 0	22 42	0 23	20 27	16 56	19 20	19 15	21 19			n.a.
S 20	17 11	10 45	4 45	24 3	2 2	1 30	2 20	25 13	1 23	19 56	0 11	21 21	0 39	20 24	0 0	22 42	0 23	20 27	16 56	19 22	19 15	21 16			n.a.
S 21	17 27	16 4	5 0	24 16	2 0	1 8	2 22	25 12	1 23	19 59	0 11	21 22	0 39	20 23	0 0	22 42	0 23	20 27	16 57	19 25	19 16	21 14			n.a.
M22	17 43	20 34	4 58	24 26	1 56	0 44	2 23	25 12	1 22	20 2	0 11	21 24	0 39	20 23	0 0	22 42	0 23	20 27	16 57	19 28	19 17	21 12			n.a.
T 23	17 59	23 58	4 41	24 34	1 52	0 21	2 25	25 11	1 22	20 5	0 11	21 25	0 38	20 22	0 1	22 42	0 23	20 27	16 57	19 30	19 18	21 10			n.a.
W24	18 15	26 8	4 11	24 41	1 48	0n 2	2 27	25 11	1 22	20 8	0 11	21 26	0 38	20 22	0 1	22 42	0 23	20 27	16 58	19 33	19 18	21 7			n.a.
T 25	18 30	26 57	3 28	24 45	1 43	0 26	2 28	25 10	1 22	20 11	0 10	21 28	0 38	20 21	0 1	22 42	0 23	20 27	16 58	19 35	19 19	21 5			n.a.
F 26	18 45	26 25	2 37	24 48	1 37	0 50	2 29	25 9	1 22	20 14	0 10	21 29	0 38	20 21	0 1	22 43	0 23	20 27	16 58	19 37	19 20	21 3			n.a.
S 27	18 59	24 40	1 40	24 49	1 30	1 14	2 30	25 7	1 21	20 18	0 10	21 30	0 38	20 20	0 1	22 43	0 23	20 27	16 59	19 38	19 21	21 1			n.a.
S 28	19 14	21 50	0 39	24 49	1 24	1 38	2 31	25 6	1 21	20 21	0 10	21 32	0 38	20 20	0 1	22 43	0 23	20 27	16 59	19 38	19 22	20 58			n.a.
M29	19 28	18 6	0s24	24 47	1 16	2 2	2 32	25 4	1 21	20 23	0 10	21 33	0 38	20 19	0 1	22 43	0 23	20 27	16 59	19 38	19 22	20 56			n.a.
T 30	19 41	13 40	1 26	24 44	1 8	2 26	2 33	25 2	1 21	20 26	0 10	21 34	0 38	20 19	0 1	22 43	0 23	20 27	16 59	19 38	19 23	20 54			n.a.
W31	19n55	8n40	2s25	24n39	1n 0	2n51	2s34	25n 0	1n20	20n29	0s10	21n35	0s38	20s18	0s 1	22s43	0s23	20s27	17s 0	19s38	19s24	20n51			n.a.

Julian Day Number = 1312828.5, Delta T = 07h40m00s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°31'03, Lahiri = -19°24'02 Julian Calendar 1 May 1119 BCE == Greg. Calendar 20 Apr. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

JUNE 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 50	28♉23'57	14♍10	24♊32	14♈ 1	7♋ 5	1♊ 1	9♊27	29°R 6	19°R48	17♓45	3°R43	4♒39	0♌14	n.a.	T 1
F 2	15 58 47	29°21'03	26°36	25°37	15° 5	7°42	1°15	9°35	29♏ 3	19♑47	17°45	3♒39	4°36	0°21	n.a.	F 2
S 3	16 2 44	0♊18'08	9♎24	26°39	16° 9	8°19	1°28	9°43	29° 1	19°46	17°46	3°34	4°33	0°27	n.a.	S 3
S 4	16 6 40	1°15'14	22°36	27°37	17°14	8°56	1°41	9°50	28°58	19°45	17°47	3°26	4°30	0°34	n.a.	S 4
M 5	16 10 37	2°12'20	6♏13	28°33	18°18	9°33	1°55	9°58	28°56	19°44	17°47	3°17	4°26	0°41	n.a.	M 5
T 6	16 14 33	3° 9'26	20°13	29°25	19°23	10°10	2° 8	10° 6	28°54	19°43	17°48	3° 8	4°23	0°47	n.a.	T 6
W 7	16 18 30	4° 6'33	4♐33	0♋14	20°28	10°47	2°22	10°14	28°51	19°42	17°48	2°59	4°20	0°54	n.a.	W 7
T 8	16 22 26	5° 3'40	19° 7	0°59	21°33	11°24	2°35	10°21	28°49	19°41	17°48	2°52	4°17	1° 1	n.a.	T 8
F 9	16 26 23	6° 0'48	3♑48	1°41	22°38	12° 2	2°49	10°29	28°46	19°40	17°49	2°46	4°14	1° 7	n.a.	F 9
S 10	16 30 19	6°57'57	18°29	2°19	23°44	12°39	3° 2	10°37	28°44	19°39	17°49	2°43	4°10	1°14	n.a.	S 10
S 11	16 34 16	7°55'07	3♒ 3	2°53	24°50	13°16	3°16	10°45	28°42	19°38	17°50	2°D43	4° 7	1°20	n.a.	S 11
M12	16 38 13	8°52'17	17°27	3°23	25°56	13°53	3°29	10°52	28°39	19°36	17°50	2°43	4° 4	1°27	n.a.	M12
T 13	16 42 9	9°49'28	1♓38	3°49	27° 2	14°31	3°42	11° 0	28°37	19°35	17°50	2°44	4° 1	1°34	n.a.	T 13
W14	16 46 6	10°46'41	15°34	4°10	28° 8	15° 8	3°56	11° 8	28°34	19°34	17°51	2°R44	3°58	1°40	n.a.	W14
T 15	16 50 2	11°43'54	29°17	4°27	29°14	15°46	4° 9	11°16	28°32	19°33	17°51	2°43	3°55	1°47	n.a.	T 15
F 16	16 53 59	12°41'08	12♈45	4°39	0♉21	16°23	4°23	11°24	28°30	19°32	17°51	2°39	3°51	1°54	n.a.	F 16
S 17	16 57 55	13°38'24	25°59	4°46	1°28	17° 1	4°36	11°31	28°27	19°30	17°52	2°34	3°48	2° 0	n.a.	S 17
S 18	17 1 52	14°35'40	9♉ 1	4°R49	2°35	17°38	4°49	11°39	28°25	19°29	17°52	2°27	3°45	2° 7	n.a.	S 18
M19	17 5 49	15°32'58	21°49	4°46	3°42	18°16	5° 3	11°47	28°23	19°28	17°52	2°19	3°42	2°14	n.a.	M19
T 20	17 9 45	16°30'16	4♊25	4°39	4°49	18°53	5°16	11°55	28°21	19°27	17°52	2°10	3°39	2°20	n.a.	T 20
W21	17 13 42	17°27'36	16°48	4°26	5°56	19°31	5°29	12° 3	28°18	19°25	17°52	2° 3	3°36	2°27	n.a.	W21
T 22	17 17 38	18°24'57	29° 0	4° 8	7° 4	20° 9	5°43	12°10	28°16	19°24	17°53	1°57	3°32	2°34	n.a.	T 22
F 23	17 21 35	19°22'18	11♋ 1	3°45	8°11	20°46	5°56	12°18	28°14	19°23	17°53	1°53	3°29	2°40	n.a.	F 23
S 24	17 25 31	20°19'41	22°55	3°18	9°19	21°24	6° 9	12°26	28°12	19°21	17°53	1°51	3°26	2°47	n.a.	S 24
S 25	17 29 28	21°17'04	4♌43	2°46	10°27	22° 2	6°22	12°34	28° 9	19°20	17°53	1°D50	3°23	2°54	n.a.	S 25
M26	17 33 24	22°14'29	16°29	2°11	11°35	22°40	6°36	12°41	28° 7	19°18	17°53	1°51	3°20	3° 0	n.a.	M26
T 27	17 37 21	23°11'54	28°18	1°31	12°43	23°18	6°49	12°49	28° 5	19°17	17°53	1°53	3°16	3° 7	n.a.	T 27
W28	17 41 18	24° 9'20	10♍14	0°49	13°51	23°56	7° 2	12°57	28° 3	19°16	17°53	1°54	3°13	3°13	n.a.	W28
T 29	17 45 14	25° 6'47	22°21	0° 4	15° 0	24°34	7°15	13° 5	28° 1	19°14	17°R53	1°R55	3°10	3°20	n.a.	T 29
F 30	17 49 11	26♊ 4'15	4♎46	29♊17	16♉ 8	25♋12	7♊28	13♊12	27♏59	19♑13	17♓53	1♒55	3♒ 7	3♌27	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 8	3n17	3s18	24n33	0n51	3n15	2s34	24n58	1n20	20n32	0s10	21n37	0s38	20s18	0s 1	22s43	0s23	20s27	17s 0	19s38	19s25	20n49		n.a.
F 2	20 20	2s21	4 4	24 26	0 41	3 40	2 34	24 56	1 20	20 35	0 10	21 38	0 37	20 17	0 1	22 44	0 23	20 27	17 0	19 39	19 25	20 47		n.a.
S 3	20 33	8 2	4 38	24 18	0 31	4 5	2 35	24 53	1 20	20 38	0 9	21 39	0 37	20 16	0 1	22 44	0 23	20 27	17 1	19 40	19 26	20 44		n.a.
S 4	20 45	13 33	4 59	24 9	0 20	4 30	2 35	24 51	1 19	20 41	0 9	21 40	0 37	20 16	0 1	22 44	0 23	20 28	17 1	19 42	19 27	20 42		n.a.
M 5	20 56	18 35	5 4	23 59	0 9	4 55	2 35	24 48	1 19	20 44	0 9	21 42	0 37	20 15	0 1	22 44	0 23	20 28	17 1	19 44	19 28	20 40		n.a.
T 6	21 8	22 45	4 51	23 48	0s 2	5 20	2 35	24 45	1 19	20 47	0 9	21 43	0 37	20 15	0 1	22 44	0 23	20 28	17 2	19 47	19 29	20 37		n.a.
W 7	21 19	25 39	4 20	23 36	0 14	5 45	2 34	24 41	1 19	20 49	0 9	21 44	0 37	20 14	0 1	22 44	0 23	20 28	17 2	19 49	19 29	20 35		n.a.
T 8	21 29	26 53	3 31	23 23	0 26	6 10	2 34	24 38	1 18	20 52	0 9	21 45	0 37	20 14	0 1	22 45	0 23	20 28	17 2	19 50	19 30	20 33		n.a.
F 9	21 40	26 15	2 29	23 10	0 39	6 35	2 34	24 34	1 18	20 55	0 9	21 47	0 37	20 13	0 1	22 45	0 23	20 28	17 3	19 52	19 31	20 30		n.a.
S 10	21 50	23 47	1 16	22 57	0 52	7 0	2 33	24 30	1 18	20 58	0 9	21 48	0 37	20 13	0 1	22 45	0 23	20 28	17 3	19 52	19 32	20 28		n.a.
S 11	21 59	19 46	0n 2	22 43	1 5	7 24	2 32	24 26	1 18	21 1	0 9	21 49	0 37	20 12	0 1	22 45	0 23	20 28	17 3	19 52	19 32	20 26		n.a.
M12	22 8	14 37	1 18	22 29	1 19	7 49	2 32	24 22	1 17	21 3	0 9	21 50	0 37	20 12	0 1	22 45	0 23	20 29	17 4	19 52	19 33	20 23		n.a.
T 13	22 17	8 45	2 29	22 14	1 32	8 14	2 31	24 18	1 17	21 6	0 8	21 51	0 36	20 11	0 1	22 45	0 23	20 29	17 4	19 52	19 34	20 21		n.a.
W14	22 26	2 34	3 30	21 59	1 46	8 39	2 30	24 13	1 17	21 9	0 8	21 53	0 36	20 11	0 1	22 46	0 23	20 29	17 4	19 52	19 35	20 19		n.a.
T 15	22 34	3n38	4 17	21 45	2 0	9 4	2 29	24 9	1 16	21 11	0 8	21 54	0 36	20 10	0 1	22 46	0 23	20 29	17 5	19 52	19 35	20 16		n.a.
F 16	22 41	9 32	4 49	21 30	2 15	9 29	2 28	24 4	1 16	21 14	0 8	21 55	0 36	20 10	0 1	22 46	0 23	20 29	17 5	19 53	19 36	20 14		n.a.
S 17	22 49	14 55	5 6	21 16	2 29	9 53	2 26	23 59	1 16	21 16	0 8	21 56	0 36	20 9	0 1	22 46	0 23	20 29	17 5	19 54	19 37	20 12		n.a.
S 18	22 55	19 33	5 6	21 2	2 43	10 18	2 25	23 54	1 16	21 19	0 8	21 57	0 36	20 9	0 1	22 46	0 23	20 30	17 6	19 56	19 38	20 9		n.a.
M19	23 2	23 11	4 50	20 48	2 56	10 42	2 24	23 48	1 15	21 22	0 8	21 58	0 36	20 8	0 1	22 47	0 23	20 30	17 6	19 58	19 38	20 7		n.a.
T 20	23 8	25 38	4 21	20 35	3 10	11 6	2 22	23 43	1 15	21 24	0 8	22 0	0 36	20 8	0 1	22 47	0 23	20 30	17 7	20 0	19 39	20 4		n.a.
W21	23 14	26 48	3 39	20 23	3 23	11 31	2 21	23 37	1 15	21 27	0 8	22 1	0 36	20 7	0 1	22 47	0 24	20 30	17 7	20 2	19 40	20 2		n.a.
T 22	23 19	26 38	2 49	20 11	3 35	11 54	2 19	23 31	1 14	21 29	0 7	22 2	0 36	20 7	0 1	22 47	0 24	20 31	17 7	20 3	19 41	20 0		n.a.
F 23	23 24	25 12	1 51	20 0	3 47	12 18	2 17	23 25	1 14	21 32	0 7	22 3	0 36	20 6	0 1	22 48	0 24	20 31	17 8	20 4	19 41	19 57		n.a.
S 24	23 28	22 38	0 48	19 49	3 58	12 42	2 15	23 19	1 14	21 34	0 7	22 4	0 36	20 6	0 1	22 48	0 24	20 31	17 8	20 4	19 42	19 55		n.a.
S 25	23 32	19 9	0s16	19 40	4 8	13 5	2 13	23 12	1 14	21 36	0 7	22 5	0 35	20 5	0 1	22 48	0 24	20 31	17 8	20 4	19 43	19 52		n.a.
M26	23 36	14 54	1 19	19 32	4 17	13 28	2 12	23 6	1 13	21 39	0 7	22 6	0 35	20 5	0 1	22 48	0 24	20 32	17 9	20 4	19 44	19 50		n.a.
T 27	23 39	10 5	2 19	19 25	4 24	13 51	2 9	22 59	1 13	21 41	0 7	22 7	0 35	20 4	0 1	22 48	0 24	20 32	17 9	20 4	19 44	19 48		n.a.
W28	23 42	4 52	3 14	19 20	4 30	14 14	2 7	22 52	1 13	21 43	0 7	22 8	0 35	20 4	0 1	22 49	0 24	20 32	17 9	20 4	19 45	19 45		n.a.
T 29	23 44	0s36	4 1	19 15	4 34	14 36	2 5	22 45	1 12	21 46	0 7	22 9	0 35	20 3	0 1	22 49	0 24	20 33	17 10	20 3	19 46	19 43		n.a.
F 30	23n46	6s10	4s38	19n13	4s37	14n59	2s 3	22n37	1n12	21n48	0s 7	22n10	0s35	20s 3	0s 1	22s49	0s24	20s33	17s10	20s 3	19s47	19n40		n.a.

Julian Day Number = 1312859.5, Delta T = 07h39m59s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'59, Lahiri = -19°23'58 Julian Calendar 1 June 1119 BCE == Greg. Calendar 21 May 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

JULY 1119 BCE (-1118) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 7	27♊ 1'43	17♎32	28°R30	17♉17	25♋50	7♊41	13♊20	27°R57	19°R11	17°R53	1°R53	3♒ 4	3♌33	n.a.	S 1
S 2	17 57 4	27°59'13	0♏43	27♊42	18°26	26°28	7°54	13°27	27♏55	19♑10	17♓53	1♒50	3° 1	3°40	n.a.	S 2
M 3	18 1 0	28°56'44	14°21	26°56	19°34	27° 6	8° 7	13°35	27°53	19° 8	17°53	1°46	2°57	3°47	n.a.	M 3
T 4	18 4 57	29°54'16	28°27	26°11	20°43	27°44	8°20	13°43	27°51	19° 7	17°53	1°41	2°54	3°53	n.a.	T 4
W 5	18 8 53	0♋51'50	12♐56	25°29	21°53	28°22	8°33	13°50	27°49	19° 5	17°53	1°36	2°51	4° 0	n.a.	W 5
T 6	18 12 50	1°49'24	27°44	24°51	23° 2	29° 1	8°46	13°58	27°47	19° 4	17°52	1°33	2°48	4° 7	n.a.	T 6
F 7	18 16 47	2°47'00	12♑43	24°17	24°11	29°39	8°59	14° 5	27°45	19° 2	17°52	1°30	2°45	4°13	n.a.	F 7
S 8	18 20 43	3°44'38	27°45	23°48	25°21	0♌17	9°12	14°13	27°44	19° 0	17°52	1°D29	2°42	4°20	n.a.	S 8
S 9	18 24 40	4°42'17	12♒41	23°24	26°30	0°56	9°24	14°20	27°42	18°59	17°52	1°30	2°38	4°27	n.a.	S 9
M10	18 28 36	5°39'58	27°24	23° 7	27°40	1°34	9°37	14°28	27°40	18°57	17°52	1°31	2°35	4°33	n.a.	M10
T 11	18 32 33	6°37'40	11♓49	22°57	28°50	2°12	9°50	14°35	27°38	18°56	17°51	1°32	2°32	4°40	n.a.	T 11
W12	18 36 29	7°35'24	25°54	22°D54	29°59	2°51	10° 2	14°43	27°37	18°54	17°51	1°33	2°29	4°47	n.a.	W12
T 13	18 40 26	8°33'10	9♈37	22°58	1♊10	3°30	10°15	14°50	27°35	18°52	17°51	1°R34	2°26	4°53	n.a.	T 13
F 14	18 44 23	9°30'58	23° 0	23°10	2°20	4° 8	10°28	14°57	27°33	18°51	17°51	1°33	2°22	5° 0	n.a.	F 14
S 15	18 48 19	10°28'48	6♉ 3	23°29	3°30	4°47	10°40	15° 5	27°32	18°49	17°50	1°32	2°19	5° 6	n.a.	S 15
S 16	18 52 16	11°26'40	18°50	23°56	4°40	5°25	10°52	15°12	27°30	18°48	17°50	1°29	2°16	5°13	n.a.	S 16
M17	18 56 12	12°24'33	1♊22	24°31	5°51	6° 4	11° 5	15°19	27°29	18°46	17°50	1°26	2°13	5°20	n.a.	M17
T 18	19 0 9	13°22'29	13°41	25°13	7° 1	6°43	11°17	15°27	27°27	18°44	17°49	1°23	2°10	5°26	n.a.	T 18
W19	19 4 5	14°20'26	25°50	26° 3	8°12	7°22	11°30	15°34	27°26	18°43	17°49	1°21	2° 7	5°33	n.a.	W19
T 20	19 8 2	15°18'26	7♋50	26°59	9°23	8° 1	11°42	15°41	27°25	18°41	17°48	1°19	2° 3	5°40	n.a.	T 20
F 21	19 11 58	16°16'27	19°43	28° 3	10°33	8°40	11°54	15°48	27°23	18°39	17°48	1°18	2° 0	5°46	n.a.	F 21
S 22	19 15 55	17°14'29	1♌32	29°13	11°44	9°18	12° 6	15°55	27°22	18°38	17°47	1°D17	1°57	5°53	n.a.	S 22
S 23	19 19 52	18°12'34	13°19	0♋29	12°55	9°57	12°18	16° 2	27°21	18°36	17°47	1°18	1°54	6° 0	n.a.	S 23
M24	19 23 48	19°10'40	25° 6	1°51	14° 6	10°37	12°30	16° 9	27°20	18°35	17°46	1°19	1°51	6° 6	n.a.	M24
T 25	19 27 45	20° 8'48	6♍56	3°18	15°18	11°16	12°42	16°16	27°18	18°33	17°46	1°20	1°48	6°13	n.a.	T 25
W26	19 31 41	21° 6'57	18°54	4°50	16°29	11°55	12°54	16°23	27°17	18°31	17°45	1°21	1°44	6°20	n.a.	W26
T 27	19 35 38	22° 5'08	1♎ 2	6°26	17°40	12°34	13° 6	16°30	27°16	18°30	17°45	1°22	1°41	6°26	n.a.	T 27
F 28	19 39 34	23° 3'20	13°25	8° 6	18°52	13°13	13°18	16°37	27°15	18°28	17°44	1°22	1°38	6°33	n.a.	F 28
S 29	19 43 31	24° 1'35	26° 8	9°49	20° 3	13°52	13°29	16°43	27°14	18°26	17°44	1°R22	1°35	6°40	n.a.	S 29
S 30	19 47 27	24°59'51	9♏13	11°35	21°15	14°32	13°41	16°50	27°13	18°25	17°43	1°22	1°32	6°46	n.a.	S 30
M31	19 51 24	25♋58'08	22♏44	13♋24	22♊27	15♌11	13♊52	16♊57	27♏12	18♑23	17♓42	1♒22	1♒28	6♌53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	11s38	5s 3	19n11	4s38	15n20	2s 1	22n30	1n12	21n50	0s 7	22n12	0s35	20s 2	0s 1	22s49	0s24	20s33	17s10	20s 4	19s47	19n38		n.a.
S 2	23 49	16 46	5 12	19 11	4 37	15 42	1 58	22 22	1 11	21 53	0 6	22 13	0 35	20 2	0 1	22 50	0 24	20 34	17 11	20 5	19 48	19 35		n.a.
M 3	23 49	21 15	5 5	19 13	4 35	16 3	1 56	22 14	1 11	21 55	0 6	22 14	0 35	20 1	0 1	22 50	0 24	20 34	17 11	20 5	19 49	19 33		n.a.
T 4	23 50	24 40	4 39	19 16	4 30	16 24	1 53	22 6	1 11	21 57	0 6	22 15	0 35	20 1	0 1	22 50	0 24	20 34	17 11	20 7	19 50	19 31		n.a.
W 5	23 50	26 36	3 55	19 21	4 24	16 45	1 51	21 58	1 10	21 59	0 6	22 16	0 35	20 1	0 1	22 50	0 24	20 35	17 12	20 8	19 50	19 28		n.a.
T 6	23 49	26 43	2 55	19 28	4 16	17 5	1 48	21 50	1 10	22 1	0 6	22 17	0 35	20 0	0 1	22 50	0 24	20 35	17 12	20 8	19 51	19 26		n.a.
F 7	23 48	24 53	1 41	19 36	4 7	17 25	1 46	21 41	1 10	22 3	0 6	22 18	0 35	20 0	0 1	22 51	0 24	20 35	17 12	20 9	19 52	19 23		n.a.
S 8	23 46	21 17	0 21	19 45	3 56	17 45	1 43	21 33	1 9	22 6	0 6	22 18	0 34	19 59	0 1	22 51	0 24	20 36	17 13	20 9	19 53	19 21		n.a.
S 9	23 45	16 18	1n 1	19 57	3 43	18 4	1 40	21 24	1 9	22 8	0 6	22 19	0 34	19 59	0 1	22 51	0 24	20 36	17 13	20 9	19 53	19 18		n.a.
M10	23 42	10 25	2 18	20 9	3 30	18 23	1 37	21 15	1 9	22 10	0 6	22 20	0 34	19 59	0 1	22 51	0 24	20 37	17 13	20 9	19 54	19 16		n.a.
T 11	23 40	4 6	3 24	20 23	3 16	18 41	1 35	21 6	1 8	22 12	0 6	22 21	0 34	19 58	0 1	22 52	0 24	20 37	17 14	20 9	19 55	19 13		n.a.
W12	23 36	2n15	4 16	20 38	3 1	18 59	1 32	20 57	1 8	22 14	0 5	22 22	0 34	19 58	0 1	22 52	0 24	20 37	17 14	20 8	19 56	19 11		n.a.
T 13	23 33	8 20	4 53	20 54	2 45	19 17	1 29	20 47	1 8	22 16	0 5	22 23	0 34	19 57	0 1	22 52	0 24	20 38	17 14	20 8	19 56	19 8		n.a.
F 14	23 29	13 53	5 12	21 10	2 29	19 34	1 26	20 38	1 7	22 18	0 5	22 24	0 34	19 57	0 1	22 52	0 24	20 38	17 15	20 8	19 57	19 6		n.a.
S 15	23 24	18 41	5 14	21 28	2 12	19 50	1 23	20 28	1 7	22 19	0 5	22 25	0 34	19 57	0 1	22 53	0 24	20 39	17 15	20 9	19 58	19 3		n.a.
S 16	23 20	22 31	5 1	21 46	1 56	20 6	1 20	20 18	1 7	22 21	0 5	22 26	0 34	19 56	0 1	22 53	0 24	20 39	17 15	20 9	19 59	19 1		n.a.
M17	23 14	25 13	4 34	22 4	1 39	20 22	1 17	20 8	1 6	22 23	0 5	22 27	0 34	19 56	0 1	22 53	0 24	20 39	17 16	20 10	19 59	18 58		n.a.
T 18	23 9	26 41	3 54	22 22	1 22	20 37	1 14	19 58	1 6	22 25	0 5	22 28	0 34	19 56	0 1	22 53	0 24	20 40	17 16	20 10	20 0	18 56		n.a.
W19	23 3	26 49	3 4	22 40	1 6	20 52	1 11	19 47	1 6	22 27	0 5	22 28	0 34	19 55	0 1	22 54	0 24	20 40	17 16	20 11	20 1	18 53		n.a.
T 20	22 56	25 42	2 6	22 58	0 50	21 6	1 8	19 37	1 5	22 29	0 5	22 29	0 34	19 55	0 1	22 54	0 24	20 41	17 17	20 11	20 1	18 51		n.a.
F 21	22 49	23 24	1 4	23 14	0 35	21 20	1 5	19 26	1 5	22 30	0 5	22 30	0 34	19 55	0 1	22 54	0 24	20 41	17 17	20 12	20 2	18 48		n.a.
S 22	22 42	20 7	0s 1	23 30	0 20	21 33	1 2	19 15	1 5	22 32	0 4	22 31	0 34	19 55	0 1	22 54	0 24	20 42	17 17	20 12	20 3	18 46		n.a.
S 23	22 34	16 2	1 6	23 45	0 5	21 45	0 58	19 4	1 4	22 34	0 4	22 32	0 34	19 54	0 1	22 55	0 24	20 42	17 18	20 12	20 4	18 43		n.a.
M24	22 26	11 21	2 8	23 57	0n 8	21 57	0 55	18 53	1 4	22 36	0 4	22 32	0 33	19 54	0 1	22 55	0 24	20 43	17 18	20 12	20 4	18 41		n.a.
T 25	22 17	6 15	3 5	24 9	0 21	22 8	0 52	18 42	1 3	22 37	0 4	22 33	0 33	19 54	0 1	22 55	0 24	20 43	17 18	20 11	20 5	18 38		n.a.
W26	22 8	0 52	3 55	24 18	0 33	22 19	0 49	18 30	1 3	22 39	0 4	22 34	0 33	19 53	0 1	22 55	0 24	20 44	17 18	20 11	20 6	18 36		n.a.
T 27	21 59	4s36	4 34	24 25	0 45	22 29	0 46	18 19	1 3	22 41	0 4	22 35	0 33	19 53	0 1	22 56	0 24	20 44	17 19	20 11	20 6	18 33		n.a.
F 28	21 49	10 0	5 2	24 29	0 55	22 39	0 43	18 7	1 2	22 42	0 4	22 36	0 33	19 53	0 1	22 56	0 24	20 45	17 19	20 11	20 7	18 31		n.a.
S 29	21 39	15 9	5 16	24 32	1 4	22 48	0 39	17 55	1 2	22 44	0 4	22 36	0 33	19 53	0 1	22 56	0 24	20 45	17 19	20 11	20 8	18 28		n.a.
S 30	21 29	19 45	5 15	24 31	1 13	22 56	0 36	17 43	1 2	22 45	0 4	22 37	0 33	19 53	0 1	22 56	0 24	20 46	17 20	20 11	20 9	18 26		n.a.
M31	21n18	23s31	4s56	24n28	1n20	23n 4	0s33	17n31	1n 1	22n47	0s 4	22n38	0s33	19s52	0s 1	22s57	0s24	20s46	17s20	20s11	20s 9	18n23		n.a.

Julian Day Number = 1312889.5, Delta T = 07h39m57s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'54, Lahiri = -19°23'54 Julian Calendar 1 July 1119 BCE == Greg. Calendar 20 June 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

AUGUST 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 20	26♋56'27	6♐43	15♋14	23♊38	15♌50	14♊ 4	17♊ 3	27°R12	18°R21	17°R42	1°R21	1♒25	6♌59	n.a.	T 1
W 2	19 59 17	27°54'49	21° 8	17° 6	24°50	16°30	14°15	17°10	27♏11	18♑20	17♓41	1♒21	1°22	7° 6	n.a.	W 2
T 3	20 3 14	28°53'12	5♑55	18°59	26° 2	17° 9	14°27	17°16	27°10	18°18	17°40	1°20	1°19	7°13	n.a.	T 3
F 4	20 7 10	29°51'36	20°59	20°53	27°14	17°49	14°38	17°23	27° 9	18°17	17°40	1°20	1°16	7°19	n.a.	F 4
S 5	20 11 7	0♌50'03	6♒12	22°47	28°26	18°28	14°49	17°29	27° 9	18°15	17°39	1°D20	1°13	7°26	n.a.	S 5
S 6	20 15 3	1°48'32	21°22	24°42	29°38	19° 8	15° 0	17°36	27° 8	18°13	17°38	1°R20	1° 9	7°33	n.a.	S 6
M 7	20 19 0	2°47'02	6♓23	26°36	0♋51	19°48	15°11	17°42	27° 8	18°12	17°38	1°20	1° 6	7°39	n.a.	M 7
T 8	20 22 56	3°45'35	21° 4	28°30	2° 3	20°27	15°22	17°48	27° 7	18°10	17°37	1°20	1° 3	7°46	n.a.	T 8
W 9	20 26 53	4°44'11	5♈23	0♌24	3°16	21° 7	15°33	17°54	27° 7	18° 9	17°36	1°20	1° 0	7°53	n.a.	W 9
T 10	20 30 49	5°42'48	19°15	2°18	4°28	21°47	15°44	18° 0	27° 6	18° 7	17°35	1°19	0°57	7°59	n.a.	T 10
F 11	20 34 46	6°41'28	2♉41	4°10	5°41	22°27	15°54	18° 6	27° 6	18° 6	17°34	1°D19	0°54	8° 6	n.a.	F 11
S 12	20 38 43	7°40'11	15°43	6° 2	6°53	23° 6	16° 5	18°12	27° 5	18° 4	17°34	1°19	0°50	8°13	n.a.	S 12
S 13	20 42 39	8°38'56	28°23	7°53	8° 6	23°46	16°15	18°18	27° 5	18° 2	17°33	1°20	0°47	8°19	n.a.	S 13
M14	20 46 36	9°37'43	10♊46	9°44	9°19	24°26	16°26	18°24	27° 5	18° 1	17°32	1°20	0°44	8°26	n.a.	M14
T 15	20 50 32	10°36'32	22°54	11°33	10°32	25° 6	16°36	18°30	27° 5	17°59	17°31	1°21	0°41	8°33	n.a.	T 15
W16	20 54 29	11°35'24	4♋53	13°22	11°45	25°46	16°46	18°36	27° 5	17°58	17°30	1°22	0°38	8°39	n.a.	W16
T 17	20 58 25	12°34'19	16°45	15°10	12°58	26°27	16°56	18°41	27° 5	17°57	17°29	1°23	0°34	8°46	n.a.	T 17
F 18	21 2 22	13°33'15	28°33	16°56	14°11	27° 7	17° 6	18°47	27°D 5	17°55	17°28	1°R23	0°31	8°52	n.a.	F 18
S 19	21 6 18	14°32'14	10♌20	18°42	15°24	27°47	17°16	18°53	27° 5	17°54	17°27	1°23	0°28	8°59	n.a.	S 19
S 20	21 10 15	15°31'15	22° 8	20°27	16°38	28°27	17°26	18°58	27° 5	17°52	17°26	1°22	0°25	9° 6	n.a.	S 20
M21	21 14 12	16°30'18	4♍ 0	22°11	17°51	29° 8	17°36	19° 3	27° 5	17°51	17°25	1°21	0°22	9°12	n.a.	M21
T 22	21 18 8	17°29'23	15°56	23°54	19° 4	29°48	17°45	19° 9	27° 5	17°49	17°24	1°18	0°19	9°19	n.a.	T 22
W23	21 22 5	18°28'30	28° 1	25°36	20°18	0♍28	17°55	19°14	27° 5	17°48	17°23	1°16	0°15	9°26	n.a.	W23
T 24	21 26 1	19°27'39	10♎15	27°17	21°31	1° 9	18° 4	19°19	27° 6	17°47	17°22	1°13	0°12	9°32	n.a.	T 24
F 25	21 29 58	20°26'50	22°42	28°57	22°45	1°49	18°13	19°24	27° 6	17°45	17°21	1°11	0° 9	9°39	n.a.	F 25
S 26	21 33 54	21°26'03	5♏25	0♍37	23°58	2°30	18°22	19°29	27° 7	17°44	17°20	1° 9	0° 6	9°46	n.a.	S 26
S 27	21 37 51	22°25'18	18°27	2°15	25°12	3°10	18°31	19°34	27° 7	17°43	17°19	1°D 8	0° 3	9°52	n.a.	S 27
M28	21 41 47	23°24'35	1♐49	3°53	26°26	3°51	18°40	19°39	27° 7	17°42	17°18	1° 8	29♑59	9°59	n.a.	M28
T 29	21 45 44	24°23'53	15°36	5°30	27°40	4°32	18°49	19°44	27° 8	17°40	17°17	1° 9	29°56	10° 6	n.a.	T 29
W30	21 49 40	25°23'14	29°46	7° 6	28°54	5°13	18°58	19°48	27° 9	17°39	17°16	1°11	29°53	10°12	n.a.	W30
T 31	21 53 37	26♌22'37	14♑20	8♍41	0♌ 8	5♍53	19♊ 6	19♊53	27♏ 9	17♑38	17♓15	1♒12	29♑50	10♌19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 7	26s 2	4s19	24n23	1n27	23n11	0s30	17n19	1n 1	22n48	0s 3	22n38	0s33	19s52	0s 1	22s57	0s24	20s47	17s20	20s11	20s10	18n21			n.a.
W 2	20 55	26 57	3 26	24 14	1 32	23 17	0 27	17 6	1 0	22 50	0 3	22 39	0 33	19 52	0 1	22 57	0 24	20 47	17 20	20 11	20 11	18 18			n.a.
T 3	20 43	25 58	2 17	24 4	1 37	23 23	0 24	16 54	1 0	22 51	0 3	22 40	0 33	19 52	0 1	22 57	0 24	20 48	17 21	20 11	20 11	18 15			n.a.
F 4	20 31	23 6	0 57	23 50	1 41	23 28	0 20	16 41	1 0	22 53	0 3	22 40	0 33	19 52	0 1	22 57	0 24	20 48	17 21	20 11	20 12	18 13			n.a.
S 5	20 18	18 36	0n27	23 35	1 44	23 32	0 17	16 28	0 59	22 54	0 3	22 41	0 33	19 52	0 1	22 58	0 24	20 49	17 21	20 11	20 13	18 10			n.a.
S 6	20 5	12 53	1 49	23 17	1 46	23 36	0 14	16 15	0 59	22 55	0 3	22 42	0 33	19 51	0 1	22 58	0 24	20 49	17 21	20 11	20 14	18 8			n.a.
M 7	19 51	6 29	3 3	22 56	1 48	23 39	0 11	16 2	0 58	22 57	0 3	22 42	0 33	19 51	0 1	22 58	0 24	20 50	17 22	20 11	20 14	18 5			n.a.
T 8	19 38	0n 7	4 3	22 34	1 49	23 41	0 8	15 49	0 58	22 58	0 3	22 43	0 33	19 51	0 1	22 58	0 24	20 50	17 22	20 11	20 15	18 3			n.a.
W 9	19 23	6 32	4 46	22 10	1 49	23 42	0 5	15 36	0 58	22 59	0 3	22 44	0 33	19 51	0 1	22 59	0 24	20 51	17 22	20 11	20 16	18 0			n.a.
T 10	19 9	12 26	5 11	21 44	1 49	23 43	0 2	15 23	0 57	23 1	0 2	22 44	0 33	19 51	0 1	22 59	0 24	20 51	17 22	20 11	20 16	17 57			n.a.
F 11	18 54	17 33	5 18	21 16	1 48	23 44	0n 1	15 9	0 57	23 2	0 2	22 45	0 32	19 51	0 1	22 59	0 24	20 52	17 23	20 11	20 17	17 55			n.a.
S 12	18 39	21 42	5 8	20 47	1 46	23 43	0 4	14 55	0 56	23 3	0 2	22 45	0 32	19 51	0 1	22 59	0 24	20 53	17 23	20 11	20 18	17 52			n.a.
S 13	18 24	24 43	4 43	20 16	1 44	23 42	0 7	14 42	0 56	23 4	0 2	22 46	0 32	19 51	0 1	22 59	0 24	20 53	17 23	20 11	20 19	17 50			n.a.
M14	18 8	26 29	4 6	19 44	1 41	23 40	0 10	14 28	0 56	23 5	0 2	22 47	0 32	19 51	0 1	23 0	0 24	20 54	17 23	20 11	20 19	17 47			n.a.
T 15	17 52	26 56	3 18	19 10	1 39	23 37	0 13	14 14	0 55	23 7	0 2	22 47	0 32	19 51	0 1	23 0	0 24	20 54	17 24	20 11	20 20	17 44			n.a.
W16	17 35	26 6	2 22	18 36	1 35	23 34	0 16	13 59	0 55	23 8	0 2	22 48	0 32	19 51	0 1	23 0	0 24	20 55	17 24	20 11	20 21	17 42			n.a.
T 17	17 19	24 5	1 20	18 0	1 31	23 30	0 19	13 45	0 54	23 9	0 2	22 48	0 32	19 51	0 1	23 0	0 24	20 55	17 24	20 11	20 21	17 39			n.a.
F 18	17 2	21 3	0 16	17 24	1 27	23 25	0 22	13 31	0 54	23 10	0 2	22 49	0 32	19 51	0 1	23 1	0 24	20 56	17 24	20 10	20 22	17 37			n.a.
S 19	16 44	17 9	0s49	16 46	1 23	23 20	0 24	13 16	0 53	23 11	0 1	22 49	0 32	19 51	0 1	23 1	0 24	20 56	17 24	20 11	20 23	17 34			n.a.
S 20	16 27	12 35	1 52	16 8	1 18	23 13	0 27	13 2	0 53	23 12	0 1	22 50	0 32	19 51	0 1	23 1	0 24	20 57	17 25	20 11	20 23	17 31			n.a.
M21	16 9	7 33	2 51	15 30	1 13	23 7	0 30	12 47	0 53	23 13	0 1	22 50	0 32	19 51	0 1	23 1	0 24	20 57	17 25	20 11	20 24	17 29			n.a.
T 22	15 51	2 14	3 42	14 50	1 8	22 59	0 32	12 32	0 52	23 14	0 1	22 51	0 32	19 51	0 1	23 1	0 24	20 58	17 25	20 12	20 25	17 26			n.a.
W23	15 32	3s14	4 24	14 10	1 2	22 51	0 35	12 17	0 52	23 15	0 1	22 51	0 32	19 51	0 1	23 2	0 24	20 59	17 25	20 12	20 25	17 24			n.a.
T 24	15 13	8 38	4 55	13 30	0 57	22 42	0 38	12 2	0 51	23 16	0 1	22 52	0 32	19 51	0 1	23 2	0 24	20 59	17 25	20 13	20 26	17 21			n.a.
F 25	14 54	13 47	5 12	12 49	0 51	22 32	0 40	11 47	0 51	23 17	0 1	22 52	0 32	19 51	0 1	23 2	0 24	21 0	17 25	20 13	20 27	17 18			n.a.
S 26	14 35	18 28	5 15	12 8	0 45	22 22	0 43	11 32	0 50	23 18	0 1	22 53	0 32	19 51	0 1	23 2	0 24	21 0	17 26	20 14	20 28	17 16			n.a.
S 27	14 16	22 25	5 1	11 26	0 38	22 11	0 45	11 17	0 50	23 19	0 1	22 53	0 32	19 51	0 1	23 2	0 24	21 1	17 26	20 14	20 28	17 13			n.a.
M28	13 56	25 17	4 32	10 44	0 32	21 59	0 47	11 1	0 49	23 20	0 0	22 53	0 32	19 51	0 1	23 2	0 24	21 1	17 26	20 14	20 29	17 10			n.a.
T 29	13 36	26 46	3 46	10 2	0 26	21 47	0 50	10 46	0 49	23 21	0 0	22 54	0 32	19 52	0 1	23 3	0 24	21 2	17 26	20 14	20 30	17 8			n.a.
W30	13 16	26 34	2 45	9 20	0 19	21 34	0 52	10 30	0 48	23 22	0 0	22 54	0 32	19 52	0 1	23 3	0 24	21 2	17 26	20 13	20 30	17 5			n.a.
T 31	12n56	24s34	1s32	8n38	0n12	21n20	0n54	10n15	0n48	23n22	0s 0	22n55	0s32	19s52	0s 1	23s 3	0s24	21s 3	17s26	20s13	20s31	17n 2			n.a.

Julian Day Number = 1312920.5, Delta T = 07h39m55s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'50, Lahiri = -19°23'50 Julian Calendar 1 Aug. 1119 BCE == Greg. Calendar 21 July 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

SEPTEMBER 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 57 34	27♌22'01	29♉12	10♍16	1♌22	6♍34	19♊15	19♊57	27♏10	17°R37	17°R14	1°R13	29♉47	10♌26	n.a.	F 1
S 2	22 1 30	28°21'28	14♒18	11°50	2°36	7°15	19°23	20° 2	27°11	17♉36	17♓13	1♒12	29°44	10°32	n.a.	S 2
S 3	22 5 27	29°20'57	29°29	13°23	3°50	7°56	19°31	20° 6	27°12	17°34	17°12	1°10	29°40	10°39	n.a.	S 3
M 4	22 9 23	0♍20'27	14♓35	14°55	5° 4	8°37	19°39	20°10	27°12	17°33	17°11	1° 7	29°37	10°45	n.a.	M 4
T 5	22 13 20	1°20'00	29°26	16°27	6°18	9°18	19°47	20°14	27°13	17°32	17°10	1° 3	29°34	10°52	n.a.	T 5
W 6	22 17 16	2°19'35	13♈56	17°58	7°32	9°59	19°55	20°18	27°14	17°31	17° 9	0°58	29°31	10°59	n.a.	W 6
T 7	22 21 13	3°19'13	27°59	19°28	8°47	10°40	20° 3	20°22	27°15	17°30	17° 8	0°54	29°28	11° 5	n.a.	T 7
F 8	22 25 9	4°18'53	11♉33	20°57	10° 1	11°21	20°10	20°26	27°16	17°29	17° 7	0°51	29°25	11°12	n.a.	F 8
S 9	22 29 6	5°18'35	24°39	22°26	11°15	12° 3	20°17	20°30	27°18	17°28	17° 5	0°48	29°21	11°19	n.a.	S 9
S 10	22 33 2	6°18'20	7♊21	23°54	12°30	12°44	20°25	20°34	27°19	17°27	17° 4	0°D48	29°18	11°25	n.a.	S 10
M11	22 36 59	7°18'08	19°41	25°21	13°44	13°25	20°32	20°37	27°20	17°26	17° 3	0°49	29°15	11°32	n.a.	M11
T 12	22 40 56	8°17'57	1♋46	26°48	14°59	14° 6	20°39	20°41	27°21	17°25	17° 2	0°50	29°12	11°39	n.a.	T 12
W13	22 44 52	9°17'50	13°41	28°13	16°14	14°48	20°45	20°44	27°23	17°24	17° 1	0°52	29° 9	11°45	n.a.	W13
T 14	22 48 49	10°17'44	25°29	29°38	17°28	15°29	20°52	20°48	27°24	17°24	17° 0	0°R53	29° 6	11°52	n.a.	T 14
F 15	22 52 45	11°17'41	7♌15	1♎ 2	18°43	16°11	20°59	20°51	27°25	17°23	16°59	0°53	29° 2	11°59	n.a.	F 15
S 16	22 56 42	12°17'39	19° 3	2°26	19°58	16°53	21° 5	20°54	27°27	17°22	16°58	0°51	28°59	12° 5	n.a.	S 16
S 17	23 0 38	13°17'40	0♍55	3°48	21°12	17°34	21°11	20°57	27°28	17°21	16°56	0°47	28°56	12°12	n.a.	S 17
M18	23 4 35	14°17'43	12°55	5° 9	22°27	18°16	21°17	21° 0	27°30	17°20	16°55	0°41	28°53	12°19	n.a.	M18
T 19	23 8 31	15°17'48	25° 2	6°30	23°42	18°58	21°23	21° 3	27°32	17°20	16°54	0°33	28°50	12°25	n.a.	T 19
W20	23 12 28	16°17'55	7♎20	7°49	24°57	19°39	21°29	21° 5	27°33	17°19	16°53	0°25	28°46	12°32	n.a.	W20
T 21	23 16 25	17°18'04	19°48	9° 7	26°12	20°21	21°34	21° 8	27°35	17°18	16°52	0°16	28°43	12°38	n.a.	T 21
F 22	23 20 21	18°18'15	2♏27	10°24	27°27	21° 3	21°39	21°10	27°37	17°18	16°51	0° 8	28°40	12°45	n.a.	F 22
S 23	23 24 18	19°18'27	15°19	11°39	28°42	21°45	21°45	21°13	27°38	17°17	16°50	0° 1	28°37	12°52	n.a.	S 23
S 24	23 28 14	20°18'42	28°25	12°52	29°57	22°27	21°50	21°15	27°40	17°17	16°48	29♉56	28°34	12°58	n.a.	S 24
M25	23 32 11	21°18'58	11♐46	14° 4	1♍12	23° 9	21°55	21°17	27°42	17°16	16°47	29°54	28°31	13° 5	n.a.	M25
T 26	23 36 7	22°19'15	25°24	15°15	2°27	23°51	21°59	21°19	27°44	17°16	16°46	29°D54	28°27	13°12	n.a.	T 26
W27	23 40 4	23°19'35	9♑21	16°23	3°42	24°33	22° 4	21°21	27°46	17°15	16°45	29°54	28°24	13°18	n.a.	W27
T 28	23 44 0	24°19'56	23°35	17°28	4°57	25°15	22° 8	21°23	27°48	17°15	16°44	29°R55	28°21	13°25	n.a.	T 28
F 29	23 47 57	25°20'18	8♒ 7	18°31	6°13	25°58	22°12	21°25	27°50	17°15	16°43	29°55	28°18	13°32	n.a.	F 29
S 30	23 51 54	26♍20'42	22♒52	19♎31	7♍28	26♍40	22♊16	21♊26	27♏52	17♉14	16♓42	29♉53	28♉15	13♌38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n35	20s50	0s11	7n55	0n 5	21n 6	0n56	9n59	0n48	23n23	0n 0	22n55	0s32	19s52	0s 1	23s 3	0s24	21s 3	17s26	20s13	20s32	17n 0		n.a.
S 2	12 14	15 40	1n11	7 13	0s 1	20 51	0 58	9 43	0 47	23 24	0 0	22 55	0 31	19 52	0 1	23 3	0 24	21 4	17 26	20 13	20 32	16 57		n.a.
S 3	11 53	9 31	2 29	6 30	0 8	20 35	1 1	9 27	0 47	23 25	0 0	22 56	0 31	19 52	0 1	23 3	0 24	21 4	17 27	20 13	20 33	16 54		n.a.
M 4	11 32	2 51	3 36	5 48	0 15	20 19	1 3	9 11	0 46	23 26	0 0	22 56	0 31	19 53	0 1	23 4	0 24	21 5	17 27	20 14	20 34	16 52		n.a.
T 5	11 11	3n50	4 27	5 6	0 22	20 2	1 4	8 55	0 46	23 26	0 1	22 57	0 31	19 53	0 1	23 4	0 24	21 6	17 27	20 15	20 34	16 49		n.a.
W 6	10 49	10 10	4 59	4 23	0 29	19 45	1 6	8 39	0 45	23 27	0 1	22 57	0 31	19 53	0 1	23 4	0 24	21 6	17 27	20 16	20 35	16 46		n.a.
T 7	10 27	15 46	5 12	3 41	0 36	19 27	1 8	8 22	0 45	23 28	0 1	22 57	0 31	19 53	0 1	23 4	0 24	21 7	17 27	20 17	20 36	16 44		n.a.
F 8	10 5	20 24	5 7	2 59	0 43	19 9	1 10	8 6	0 44	23 28	0 1	22 58	0 31	19 54	0 1	23 4	0 24	21 7	17 27	20 18	20 36	16 41		n.a.
S 9	9 43	23 51	4 46	2 17	0 50	18 50	1 12	7 50	0 44	23 29	0 1	22 58	0 31	19 54	0 1	23 4	0 24	21 8	17 27	20 18	20 37	16 38		n.a.
S 10	9 21	26 1	4 12	1 35	0 57	18 30	1 13	7 33	0 43	23 30	0 1	22 58	0 31	19 54	0 1	23 4	0 24	21 8	17 27	20 18	20 38	16 36		n.a.
M11	8 58	26 51	3 26	0 54	1 4	18 10	1 15	7 17	0 43	23 30	0 1	22 59	0 31	19 54	0 2	23 4	0 24	21 9	17 27	20 18	20 38	16 33		n.a.
T 12	8 35	26 21	2 32	0 12	1 11	17 49	1 16	7 0	0 42	23 31	0 1	22 59	0 31	19 55	0 2	23 5	0 24	21 9	17 27	20 18	20 39	16 30		n.a.
W13	8 13	24 39	1 32	0s28	1 18	17 28	1 18	6 43	0 42	23 32	0 2	22 59	0 31	19 55	0 2	23 5	0 24	21 10	17 27	20 18	20 40	16 28		n.a.
T 14	7 50	21 52	0 29	1 9	1 25	17 6	1 19	6 26	0 41	23 32	0 2	22 59	0 31	19 55	0 2	23 5	0 24	21 10	17 27	20 17	20 40	16 25		n.a.
F 15	7 27	18 12	0s35	1 49	1 31	16 44	1 20	6 10	0 41	23 33	0 2	23 0	0 31	19 56	0 2	23 5	0 24	21 11	17 27	20 17	20 41	16 22		n.a.
S 16	7 3	13 49	1 37	2 28	1 38	16 21	1 21	5 53	0 40	23 33	0 2	23 0	0 31	19 56	0 2	23 5	0 24	21 11	17 27	20 18	20 42	16 20		n.a.
S 17	6 40	8 54	2 36	3 8	1 44	15 58	1 23	5 36	0 40	23 34	0 2	23 0	0 31	19 56	0 2	23 5	0 24	21 12	17 27	20 19	20 42	16 17		n.a.
M18	6 17	3 38	3 28	3 46	1 51	15 34	1 24	5 19	0 39	23 34	0 2	23 0	0 31	19 57	0 2	23 5	0 24	21 12	17 27	20 20	20 43	16 14		n.a.
T 19	5 53	1s50	4 11	4 24	1 57	15 10	1 25	5 2	0 39	23 35	0 2	23 1	0 31	19 57	0 2	23 5	0 24	21 12	17 27	20 22	20 44	16 11		n.a.
W20	5 29	7 17	4 43	5 1	2 3	14 45	1 26	4 45	0 38	23 35	0 2	23 1	0 31	19 58	0 2	23 5	0 24	21 13	17 27	20 23	20 44	16 9		n.a.
T 21	5 6	12 31	5 2	5 38	2 8	14 20	1 26	4 27	0 38	23 36	0 3	23 1	0 31	19 58	0 2	23 6	0 24	21 13	17 27	20 25	20 45	16 6		n.a.
F 22	4 42	17 19	5 7	6 13	2 14	13 55	1 27	4 10	0 37	23 36	0 3	23 1	0 31	19 58	0 2	23 6	0 24	21 14	17 27	20 27	20 46	16 3		n.a.
S 23	4 18	21 25	4 57	6 48	2 19	13 29	1 28	3 53	0 37	23 37	0 3	23 1	0 31	19 59	0 2	23 6	0 24	21 14	17 27	20 29	20 46	16 1		n.a.
S 24	3 54	24 31	4 31	7 22	2 24	13 3	1 29	3 36	0 36	23 37	0 3	23 2	0 31	19 59	0 2	23 6	0 24	21 15	17 27	20 30	20 47	15 58		n.a.
M25	3 30	26 21	3 49	7 55	2 29	12 36	1 29	3 18	0 36	23 38	0 3	23 2	0 30	20 0	0 2	23 6	0 24	21 15	17 27	20 30	20 48	15 55		n.a.
T 26	3 6	26 39	2 55	8 26	2 33	12 10	1 30	3 1	0 35	23 38	0 3	23 2	0 30	20 0	0 2	23 6	0 24	21 16	17 27	20 30	20 48	15 52		n.a.
W27	2 41	25 18	1 48	8 57	2 37	11 42	1 30	2 43	0 34	23 39	0 3	23 2	0 30	20 1	0 2	23 6	0 24	21 16	17 27	20 30	20 49	15 50		n.a.
T 28	2 17	22 17	0 34	9 26	2 40	11 15	1 30	2 26	0 34	23 39	0 4	23 2	0 30	20 1	0 2	23 6	0 24	21 16	17 27	20 30	20 50	15 47		n.a.
F 29	1 53	17 50	0n44	9 53	2 43	10 47	1 31	2 8	0 33	23 39	0 4	23 3	0 30	20 2	0 2	23 6	0 24	21 17	17 27	20 30	20 50	15 44		n.a.
S 30	1n29	12s14	2n 0	10s18	2s46	10n19	1n31	1n51	0n33	23n40	0n 4	23n 3	0s30	20s 2	0s 2	23s 6	0s24	21s17	17s27	20s30	20s51	15n41		n.a.

Julian Day Number = 1312951.5, Delta T = 07h39m54s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'46, Lahiri = -19°23'46 Julian Calendar 1 Sept. 1119 BCE == Greg. Calendar 21 Aug. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

OCTOBER 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 50	27♍21'07	7♓46	20♎28	8♍43	27♍22	22♊20	21♊28	27♏54	17°R14	16°R40	29°R48	28♑11	13♌45	n.a.	S 1
M 2	23 59 47	28°21'34	22°40	21°21	9°58	28° 4	22°24	21°29	27°57	17♑14	16♓39	29♑41	28° 8	13°52	n.a.	M 2
T 3	0 3 43	29°22'03	7♈25	22°10	11°14	28°47	22°27	21°31	27°59	17°13	16°38	29°32	28° 5	13°58	n.a.	T 3
W 4	0 7 40	0♎22'34	21°54	22°55	12°29	29°29	22°31	21°32	28° 1	17°13	16°37	29°22	28° 2	14° 5	n.a.	W 4
T 5	0 11 36	1°23'06	6♉ 0	23°34	13°44	0♎12	22°34	21°33	28° 3	17°13	16°36	29°12	27°59	14°12	n.a.	T 5
F 6	0 15 33	2°23'40	19°39	24° 7	14°59	0°54	22°37	21°34	28° 6	17°13	16°35	29° 4	27°56	14°18	n.a.	F 6
S 7	0 19 29	3°24'17	2♊51	24°34	16°15	1°37	22°39	21°35	28° 8	17°13	16°34	28°57	27°52	14°25	n.a.	S 7
S 8	0 23 26	4°24'55	15°36	24°54	17°30	2°20	22°42	21°35	28°11	17°13	16°33	28°53	27°49	14°32	n.a.	S 8
M 9	0 27 22	5°25'35	28° 0	25° 6	18°46	3° 2	22°44	21°36	28°13	17°13	16°32	28°51	27°46	14°38	n.a.	M 9
T 10	0 31 19	6°26'17	10♋ 6	25°R10	20° 1	3°45	22°46	21°37	28°16	17°D13	16°30	28°D51	27°43	14°45	n.a.	T 10
W11	0 35 16	7°27'01	22° 0	25° 4	21°17	4°28	22°48	21°37	28°18	17°13	16°29	28°51	27°40	14°52	n.a.	W11
T 12	0 39 12	8°27'46	3♌48	24°48	22°32	5°11	22°50	21°37	28°21	17°13	16°28	28°R51	27°37	14°58	n.a.	T 12
F 13	0 43 9	9°28'34	15°34	24°22	23°48	5°54	22°52	21°37	28°23	17°13	16°27	28°50	27°33	15° 5	n.a.	F 13
S 14	0 47 5	10°29'22	27°25	23°45	25° 3	6°37	22°53	21°R37	28°26	17°13	16°26	28°46	27°30	15°11	n.a.	S 14
S 15	0 51 2	11°30'13	9♍22	22°58	26°19	7°20	22°54	21°37	28°29	17°13	16°25	28°40	27°27	15°18	n.a.	S 15
M16	0 54 58	12°31'05	21°31	22° 1	27°34	8° 3	22°55	21°37	28°31	17°13	16°24	28°30	27°24	15°25	n.a.	M16
T 17	0 58 55	13°31'58	3♎52	20°55	28°50	8°46	22°56	21°37	28°34	17°13	16°23	28°18	27°21	15°31	n.a.	T 17
W18	1 2 51	14°32'53	16°26	19°41	0♎ 5	9°29	22°57	21°37	28°37	17°14	16°22	28° 5	27°17	15°38	n.a.	W18
T 19	1 6 48	15°33'49	29°13	18°23	1°21	10°12	22°57	21°36	28°40	17°14	16°21	27°51	27°14	15°45	n.a.	T 19
F 20	1 10 45	16°34'47	12♏13	17° 1	2°36	10°55	22°57	21°35	28°43	17°14	16°20	27°38	27°11	15°51	n.a.	F 20
S 21	1 14 41	17°35'46	25°24	15°39	3°52	11°39	22°R57	21°35	28°45	17°15	16°19	27°28	27° 8	15°58	n.a.	S 21
S 22	1 18 38	18°36'45	8♐46	14°20	5° 7	12°22	22°57	21°34	28°48	17°15	16°18	27°20	27° 5	16° 5	n.a.	S 22
M23	1 22 34	19°37'46	22°18	13° 5	6°23	13° 6	22°57	21°33	28°51	17°16	16°17	27°15	27° 2	16°11	n.a.	M23
T 24	1 26 31	20°38'48	6♑ 0	11°58	7°39	13°49	22°56	21°32	28°54	17°16	16°16	27°12	26°58	16°18	n.a.	T 24
W25	1 30 27	21°39'50	19°52	11° 1	8°54	14°32	22°55	21°31	28°57	17°17	16°16	27°12	26°55	16°25	n.a.	W25
T 26	1 34 24	22°40'53	3♒54	10°14	10°10	15°16	22°54	21°29	29° 0	17°17	16°15	27°12	26°52	16°31	n.a.	T 26
F 27	1 38 20	23°41'57	18° 6	9°38	11°25	16° 0	22°53	21°28	29° 3	17°18	16°14	27°11	26°49	16°38	n.a.	F 27
S 28	1 42 17	24°43'02	2♓28	9°14	12°41	16°43	22°52	21°26	29° 7	17°18	16°13	27° 8	26°46	16°45	n.a.	S 28
S 29	1 46 14	25°44'07	16°55	9° 1	13°57	17°27	22°50	21°25	29°10	17°19	16°12	27° 2	26°42	16°51	n.a.	S 29
M30	1 50 10	26°45'13	1♈23	8°D59	15°12	18°11	22°48	21°23	29°13	17°20	16°11	26°53	26°39	16°58	n.a.	M30
T 31	1 54 7	27♎46'19	15♈47	9♎ 7	16♎28	18♎54	22♊46	21♊21	29♏16	17♑20	16♓10	26♑41	26♑36	17♌ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1n 4	5s53	3n 8	10s42	2s48	9n50	1n31	1n33	0n32	23n40	0n 4	23n 3	0s30	20s 3	0s 2	23s 6	0s24	21s18	17s27	20s31	20s52	15n39			n.a.
M 2	0 40	0n46	4 4	11 4	2 49	9 21	1 31	1 16	0 32	23 41	0 4	23 3	0 30	20 3	0 2	23 6	0 24	21 18	17 27	20 33	20 52	15 36			n.a.
T 3	0 15	7 18	4 42	11 23	2 49	8 52	1 31	0 58	0 31	23 41	0 4	23 3	0 30	20 4	0 2	23 6	0 24	21 18	17 27	20 35	20 53	15 33			n.a.
W 4	0s 9	13 19	5 2	11 39	2 49	8 23	1 31	0 40	0 31	23 41	0 4	23 3	0 30	20 4	0 2	23 6	0 24	21 19	17 27	20 37	20 54	15 30			n.a.
T 5	0 34	18 28	5 2	11 53	2 48	7 54	1 31	0 23	0 30	23 42	0 5	23 3	0 30	20 5	0 2	23 6	0 24	21 19	17 27	20 39	20 54	15 28			n.a.
F 6	0 58	22 30	4 45	12 4	2 45	7 24	1 31	0 5	0 30	23 42	0 5	23 3	0 30	20 5	0 2	23 6	0 24	21 19	17 26	20 41	20 55	15 25			n.a.
S 7	1 22	25 12	4 13	12 11	2 42	6 54	1 31	0s13	0 29	23 42	0 5	23 4	0 30	20 6	0 2	23 6	0 24	21 20	17 26	20 42	20 55	15 22			n.a.
S 8	1 47	26 30	3 29	12 14	2 37	6 24	1 30	0 30	0 28	23 42	0 5	23 4	0 30	20 6	0 2	23 6	0 24	21 20	17 26	20 43	20 56	15 19			n.a.
M 9	2 11	26 26	2 37	12 13	2 32	5 53	1 30	0 48	0 28	23 43	0 5	23 4	0 30	20 7	0 2	23 6	0 24	21 20	17 26	20 43	20 57	15 17			n.a.
T 10	2 36	25 4	1 38	12 7	2 24	5 23	1 29	1 6	0 27	23 43	0 5	23 4	0 30	20 7	0 2	23 6	0 24	21 21	17 26	20 43	20 57	15 14			n.a.
W11	3 0	22 36	0 37	11 57	2 15	4 52	1 29	1 24	0 27	23 43	0 5	23 4	0 30	20 8	0 2	23 6	0 24	21 21	17 26	20 43	20 58	15 11			n.a.
T 12	3 25	19 12	0s26	11 41	2 5	4 21	1 28	1 42	0 26	23 44	0 6	23 4	0 30	20 9	0 2	23 6	0 24	21 21	17 26	20 43	20 59	15 8			n.a.
F 13	3 49	15 2	1 28	11 20	1 53	3 50	1 27	1 59	0 26	23 44	0 6	23 4	0 30	20 9	0 2	23 6	0 24	21 22	17 25	20 44	20 59	15 6			n.a.
S 14	4 13	10 18	2 26	10 53	1 39	3 19	1 27	2 17	0 25	23 44	0 6	23 4	0 30	20 10	0 2	23 6	0 24	21 22	17 25	20 44	21 0	15 3			n.a.
S 15	4 37	5 8	3 17	10 21	1 23	2 48	1 26	2 35	0 24	23 44	0 6	23 4	0 30	20 10	0 2	23 6	0 24	21 22	17 25	20 46	21 1	15 0			n.a.
M16	5 1	0s16	4 1	9 44	1 6	2 17	1 25	2 53	0 24	23 44	0 6	23 4	0 30	20 11	0 2	23 6	0 24	21 22	17 25	20 48	21 1	14 57			n.a.
T 17	5 25	5 44	4 34	9 1	0 47	1 45	1 24	3 11	0 23	23 45	0 6	23 4	0 29	20 12	0 2	23 6	0 24	21 23	17 25	20 50	21 2	14 54			n.a.
W18	5 49	11 4	4 54	8 15	0 27	1 14	1 23	3 28	0 23	23 45	0 7	23 4	0 29	20 12	0 2	23 6	0 24	21 23	17 25	20 53	21 2	14 52			n.a.
T 19	6 13	16 2	5 0	7 26	0 7	0 43	1 22	3 46	0 22	23 45	0 7	23 4	0 29	20 13	0 2	23 6	0 24	21 23	17 24	20 56	21 3	14 49			n.a.
F 20	6 37	20 21	4 51	6 35	0n14	0 11	1 21	4 4	0 21	23 45	0 7	23 4	0 29	20 14	0 2	23 6	0 24	21 23	17 24	20 58	21 4	14 46			n.a.
S 21	7 1	23 43	4 26	5 44	0 34	0s21	1 20	4 22	0 21	23 45	0 7	23 4	0 29	20 14	0 2	23 6	0 24	21 23	17 24	21 0	21 4	14 43			n.a.
S 22	7 25	25 51	3 46	4 55	0 54	0 52	1 19	4 39	0 20	23 45	0 7	23 4	0 29	20 15	0 2	23 6	0 24	21 24	17 24	21 2	21 5	14 40			n.a.
M23	7 48	26 29	2 53	4 8	1 12	1 24	1 17	4 57	0 20	23 46	0 7	23 4	0 29	20 16	0 2	23 6	0 24	21 24	17 24	21 3	21 6	14 38			n.a.
T 24	8 11	25 31	1 50	3 26	1 29	1 55	1 16	5 15	0 19	23 46	0 8	23 4	0 29	20 16	0 2	23 6	0 24	21 24	17 23	21 4	21 6	14 35			n.a.
W25	8 35	22 58	0 39	2 50	1 45	2 27	1 15	5 32	0 18	23 46	0 8	23 4	0 29	20 17	0 2	23 6	0 24	21 24	17 23	21 4	21 7	14 32			n.a.
T 26	8 58	19 1	0n35	2 19	1 58	2 58	1 13	5 50	0 18	23 46	0 8	23 4	0 29	20 18	0 2	23 6	0 24	21 24	17 23	21 4	21 7	14 29			n.a.
F 27	9 21	13 56	1 48	1 54	2 9	3 30	1 12	6 8	0 17	23 46	0 8	23 4	0 29	20 18	0 2	23 6	0 24	21 24	17 23	21 4	21 8	14 26			n.a.
S 28	9 44	8 3	2 55	1 36	2 18	4 1	1 10	6 25	0 17	23 46	0 8	23 4	0 29	20 19	0 2	23 6	0 24	21 25	17 22	21 4	21 9	14 24			n.a.
S 29	10 6	1 43	3 50	1 24	2 26	4 32	1 9	6 43	0 16	23 46	0 8	23 4	0 29	20 20	0 2	23 5	0 24	21 25	17 22	21 6	21 9	14 21			n.a.
M30	10 29	4n42	4 31	1 19	2 31	5 3	1 7	7 0	0 15	23 46	0 8	23 4	0 29	20 20	0 2	23 5	0 24	21 25	17 22	21 7	21 10	14 18			n.a.
T 31	10s51	10n49	4n55	1s18	2n35	5s34	1n 5	7s18	0n15	23n46	0n 9	23n 4	0s29	20s21	0s 2	23s 5	0s24	21s25	17s22	21s10	21s11	14n15			n.a.

Julian Day Number = 1312981.5, Delta T = 07h39m52s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'42, Lahiri = -19°23'41 Julian Calendar 1 Oct. 1119 BCE == Greg. Calendar 20 Sept. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

NOVEMBER 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 58 3	28♎47'27	29♈59	9♎25	17♎43	19♎38	22°R44	21°R19	29♏19	17♑21	16°R10	26°R29	26♑33	17♘11	n.a.	W 1
T 2	2 2 0	29°48'35	13♉54	9°51	18°59	20°22	22♊42	21♊17	29°22	17°22	16♓ 9	26♑16	26°30	17°18	n.a.	T 2
F 3	2 5 56	0♏49'44	27°27	10°25	20°15	21° 6	22°39	21°15	29°26	17°23	16° 8	26° 4	26°27	17°25	n.a.	F 3
S 4	2 9 53	1°50'54	10♊37	11° 6	21°30	21°50	22°36	21°13	29°29	17°23	16° 7	25°55	26°23	17°31	n.a.	S 4
S 5	2 13 49	2°52'05	23°23	11°53	22°46	22°34	22°33	21°10	29°32	17°24	16° 6	25°49	26°20	17°38	n.a.	S 5
M 6	2 17 46	3°53'17	5♋49	12°45	24° 2	23°18	22°30	21° 8	29°35	17°25	16° 6	25°45	26°17	17°45	n.a.	M 6
T 7	2 21 43	4°54'30	17°57	13°42	25°17	24° 2	22°27	21° 5	29°39	17°26	16° 5	25°44	26°14	17°51	n.a.	T 7
W 8	2 25 39	5°55'44	29°53	14°44	26°33	24°46	22°24	21° 3	29°42	17°27	16° 4	25°44	26°11	17°58	n.a.	W 8
T 9	2 29 36	6°56'58	11♌42	15°49	27°48	25°30	22°20	21° 0	29°46	17°28	16° 4	25°44	26° 8	18° 4	n.a.	T 9
F 10	2 33 32	7°58'14	23°30	16°57	29° 4	26°15	22°16	20°57	29°49	17°29	16° 3	25°43	26° 4	18°11	n.a.	F 10
S 11	2 37 29	8°59'29	5♍22	18° 8	0♏20	26°59	22°12	20°54	29°52	17°30	16° 2	25°40	26° 1	18°18	n.a.	S 11
S 12	2 41 25	10° 0'46	17°23	19°21	1°35	27°43	22° 8	20°51	29°56	17°31	16° 2	25°34	25°58	18°24	n.a.	S 12
M13	2 45 22	11° 2'03	29°37	20°37	2°51	28°28	22° 3	20°48	29°59	17°32	16° 1	25°26	25°55	18°31	n.a.	M13
T 14	2 49 19	12° 3'21	12♎ 8	21°54	4° 7	29°12	21°59	20°45	0♐ 3	17°34	16° 1	25°15	25°52	18°38	n.a.	T 14
W15	2 53 15	13° 4'39	24°56	23°13	5°22	29°56	21°54	20°41	0° 6	17°35	16° 0	25° 2	25°48	18°44	n.a.	W15
T 16	2 57 12	14° 5'57	8♏ 3	24°34	6°38	0♏41	21°49	20°38	0°10	17°36	15°59	24°49	25°45	18°51	n.a.	T 16
F 17	3 1 8	15° 7'16	21°25	25°56	7°53	1°26	21°44	20°35	0°13	17°37	15°59	24°37	25°42	18°58	n.a.	F 17
S 18	3 5 5	16° 8'35	5♐ 2	27°19	9° 9	2°10	21°39	20°31	0°17	17°39	15°58	24°27	25°39	19° 4	n.a.	S 18
S 19	3 9 1	17° 9'55	18°49	28°42	10°24	2°55	21°33	20°27	0°20	17°40	15°58	24°19	25°36	19°11	n.a.	S 19
M20	3 12 58	18°11'14	2♑44	0♏ 7	11°40	3°39	21°28	20°24	0°24	17°41	15°58	24°15	25°33	19°18	n.a.	M20
T 21	3 16 54	19°12'33	16°43	1°33	12°56	4°24	21°22	20°20	0°27	17°43	15°57	24°13	25°29	19°24	n.a.	T 21
W22	3 20 51	20°13'51	0♒46	2°59	14°11	5° 9	21°16	20°16	0°31	17°44	15°57	24°D13	25°26	19°31	n.a.	W22
T 23	3 24 48	21°15'10	14°51	4°26	15°27	5°54	21°10	20°12	0°34	17°45	15°56	24°R13	25°23	19°38	n.a.	T 23
F 24	3 28 44	22°16'27	28°57	5°54	16°42	6°39	21° 4	20° 8	0°38	17°47	15°56	24°13	25°20	19°44	n.a.	F 24
S 25	3 32 41	23°17'45	13♓ 2	7°22	17°58	7°23	20°57	20° 4	0°41	17°48	15°56	24°11	25°17	19°51	n.a.	S 25
S 26	3 36 37	24°19'02	27° 7	8°50	19°13	8° 8	20°51	20° 0	0°45	17°50	15°55	24° 7	25°14	19°58	n.a.	S 26
M27	3 40 34	25°20'18	11♈ 8	10°20	20°29	8°53	20°44	19°56	0°48	17°51	15°55	24° 0	25°10	20° 4	n.a.	M27
T 28	3 44 30	26°21'34	25° 2	11°49	21°44	9°38	20°38	19°51	0°52	17°53	15°55	23°52	25° 7	20°11	n.a.	T 28
W29	3 48 27	27°22'50	8♉47	13°19	23° 0	10°23	20°31	19°47	0°56	17°55	15°54	23°42	25° 4	20°18	n.a.	W29
T 30	3 52 24	28♏24'06	22♉19	14♏50	24♏15	11♏ 8	20♊24	19♊43	0♐59	17♑56	15♓54	23♑31	25♑ 1	20♘24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s13	16n18	5n 0	1s23	2n37	6s 5	1n 4	7s35	0n14	23n46	0n 9	23n 4	0s29	20s22	0s 2	23s 5	0s24	21s25	17s21	21s12	21s11	14n12		n.a.
T 2	11 35	20 48	4 46	1 33	2 38	6 36	1 2	7 53	0 13	23 46	0 9	23 4	0 29	20 23	0 2	23 5	0 24	21 25	17 21	21 15	21 12	14 10		n.a.
F 3	11 57	24 4	4 17	1 47	2 37	7 7	1 0	8 10	0 13	23 46	0 9	23 4	0 29	20 23	0 2	23 5	0 24	21 25	17 21	21 17	21 12	14 7		n.a.
S 4	12 19	25 56	3 34	2 4	2 36	7 37	0 58	8 27	0 12	23 46	0 9	23 4	0 28	20 24	0 2	23 5	0 24	21 25	17 21	21 18	21 13	14 4		n.a.
S 5	12 40	26 22	2 42	2 25	2 34	8 8	0 56	8 44	0 12	23 46	0 9	23 3	0 28	20 25	0 2	23 5	0 24	21 25	17 20	21 20	21 14	14 1		n.a.
M 6	13 1	25 25	1 43	2 49	2 30	8 38	0 54	9 2	0 11	23 46	0 10	23 3	0 28	20 25	0 2	23 5	0 24	21 25	17 20	21 20	21 14	13 58		n.a.
T 7	13 22	23 17	0 41	3 15	2 27	9 8	0 52	9 19	0 10	23 46	0 10	23 3	0 28	20 26	0 2	23 4	0 24	21 25	17 20	21 21	21 15	13 55		n.a.
W 8	13 43	20 9	0s22	3 43	2 22	9 37	0 50	9 36	0 10	23 46	0 10	23 3	0 28	20 27	0 2	23 4	0 24	21 25	17 20	21 21	21 15	13 53		n.a.
T 9	14 3	16 13	1 24	4 13	2 17	10 7	0 48	9 53	0 9	23 46	0 10	23 3	0 28	20 28	0 2	23 4	0 24	21 25	17 19	21 21	21 16	13 50		n.a.
F 10	14 24	11 41	2 22	4 45	2 12	10 36	0 46	10 10	0 8	23 46	0 10	23 3	0 28	20 28	0 2	23 4	0 24	21 25	17 19	21 21	21 17	13 47		n.a.
S 11	14 44	6 42	3 14	5 17	2 6	11 5	0 44	10 27	0 8	23 46	0 11	23 3	0 28	20 29	0 2	23 4	0 24	21 25	17 19	21 21	21 17	13 44		n.a.
S 12	15 3	1 25	3 58	5 51	2 0	11 34	0 42	10 43	0 7	23 46	0 11	23 3	0 28	20 30	0 2	23 4	0 24	21 25	17 18	21 22	21 18	13 41		n.a.
M13	15 23	4s 0	4 32	6 26	1 53	12 2	0 40	11 0	0 6	23 46	0 11	23 2	0 28	20 31	0 2	23 4	0 24	21 25	17 18	21 24	21 19	13 38		n.a.
T 14	15 42	9 22	4 54	7 2	1 47	12 30	0 38	11 17	0 6	23 46	0 11	23 2	0 28	20 31	0 2	23 3	0 24	21 25	17 18	21 26	21 19	13 36		n.a.
W15	16 1	14 28	5 1	7 38	1 40	12 58	0 35	11 33	0 5	23 46	0 11	23 2	0 28	20 32	0 2	23 3	0 24	21 25	17 17	21 28	21 20	13 33		n.a.
T 16	16 20	19 2	4 54	8 14	1 33	13 26	0 33	11 50	0 4	23 46	0 11	23 2	0 28	20 33	0 2	23 3	0 24	21 25	17 17	21 31	21 20	13 30		n.a.
F 17	16 38	22 44	4 30	8 51	1 26	13 53	0 31	12 6	0 4	23 45	0 12	23 2	0 28	20 34	0 2	23 3	0 24	21 25	17 17	21 33	21 21	13 27		n.a.
S 18	16 56	25 15	3 50	9 28	1 18	14 19	0 29	12 22	0 3	23 45	0 12	23 2	0 27	20 34	0 2	23 3	0 24	21 25	17 16	21 35	21 22	13 24		n.a.
S 19	17 14	26 17	2 56	10 5	1 11	14 46	0 26	12 39	0 2	23 45	0 12	23 1	0 27	20 35	0 2	23 3	0 24	21 25	17 16	21 36	21 22	13 21		n.a.
M20	17 31	25 40	1 52	10 42	1 4	15 12	0 24	12 55	0 2	23 45	0 12	23 1	0 27	20 36	0 2	23 2	0 24	21 25	17 16	21 37	21 23	13 18		n.a.
T 21	17 49	23 25	0 40	11 19	0 56	15 38	0 22	13 11	0 1	23 45	0 12	23 1	0 27	20 37	0 2	23 2	0 24	21 25	17 15	21 37	21 23	13 15		n.a.
W22	18 5	19 45	0n35	11 56	0 49	16 3	0 19	13 27	0 0	23 45	0 12	23 1	0 27	20 37	0 2	23 2	0 24	21 24	17 15	21 37	21 24	13 13		n.a.
T 23	18 22	14 56	1 48	12 33	0 42	16 28	0 17	13 42	0s 0	23 44	0 13	23 1	0 27	20 38	0 2	23 2	0 24	21 24	17 15	21 37	21 24	13 10		n.a.
F 24	18 38	9 19	2 54	13 10	0 34	16 52	0 15	13 58	0 1	23 44	0 13	23 0	0 27	20 39	0 2	23 2	0 24	21 24	17 14	21 37	21 25	13 7		n.a.
S 25	18 54	3 14	3 50	13 46	0 27	17 16	0 12	14 14	0 2	23 44	0 13	23 0	0 27	20 40	0 2	23 1	0 24	21 24	17 14	21 38	21 26	13 4		n.a.
S 26	19 9	2n59	4 32	14 22	0 20	17 39	0 10	14 29	0 2	23 44	0 13	23 0	0 27	20 40	0 2	23 1	0 24	21 24	17 14	21 38	21 26	13 1		n.a.
M27	19 25	9 1	4 57	14 57	0 13	18 2	0 8	14 44	0 3	23 43	0 13	23 0	0 27	20 41	0 2	23 1	0 24	21 24	17 13	21 39	21 27	12 58		n.a.
T 28	19 39	14 33	5 5	15 32	0 5	18 25	0 5	15 0	0 4	23 43	0 13	22 59	0 27	20 42	0 2	23 1	0 24	21 23	17 13	21 41	21 27	12 55		n.a.
W29	19 54	19 17	4 54	16 7	0s 2	18 47	0 3	15 15	0 4	23 43	0 14	22 59	0 27	20 43	0 2	23 1	0 24	21 23	17 13	21 43	21 28	12 53		n.a.
T 30	20s 8	22n57	4n28	16s41	0s 9	19s 8	0n 1	15s30	0s 5	23n42	0n14	22n59	0s26	20s43	0s 2	23s 0	0s24	21s23	17s12	21s45	21s29	12n50		n.a.

Julian Day Number = 1313012.5, Delta T = 07h39m51s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'38, Lahiri = -19°23'37 Julian Calendar 1 Nov. 1119 BCE == Greg. Calendar 21 Oct. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1119 BCE
geocentric

DECEMBER 1119 BCE (-1118) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 56 20	29♏25'20	5♊34	16♏21	25♏31	11♏53	20°R17	19°R38	1♐ 3	17♑58	15°R54	23°R22	24♑58	20♘31	n.a.	F 1
S 2	4 0 17	0♐26'35	18°31	17°52	26°46	12°39	20♊10	19♊34	1° 6	17°59	15♓54	23♑15	24°54	20°38	n.a.	S 2
S 3	4 4 13	1°27'50	1♋11	19°24	28° 2	13°24	20° 3	19°29	1°10	18° 1	15°53	23°10	24°51	20°44	n.a.	S 3
M 4	4 8 10	2°29'04	13°33	20°56	29°17	14° 9	19°55	19°25	1°13	18° 3	15°53	23° 7	24°48	20°51	n.a.	M 4
T 5	4 12 6	3°30'17	25°40	22°29	0♐32	14°54	19°48	19°20	1°17	18° 5	15°53	23°D 7	24°45	20°58	n.a.	T 5
W 6	4 16 3	4°31'31	7♘37	24° 2	1°48	15°40	19°41	19°15	1°21	18° 6	15°53	23° 8	24°42	21° 4	n.a.	W 6
T 7	4 19 59	5°32'44	19°27	25°36	3° 3	16°25	19°33	19°11	1°24	18° 8	15°53	23° 9	24°39	21°11	n.a.	T 7
F 8	4 23 56	6°33'56	1♍15	27°10	4°19	17°10	19°25	19° 6	1°28	18°10	15°53	23°R10	24°35	21°18	n.a.	F 8
S 9	4 27 53	7°35'08	13° 8	28°45	5°34	17°56	19°18	19° 1	1°31	18°12	15°53	23°10	24°32	21°24	n.a.	S 9
S 10	4 31 49	8°36'20	25° 9	0♐20	6°49	18°41	19°10	18°56	1°35	18°14	15°53	23° 9	24°29	21°31	n.a.	S 10
M11	4 35 46	9°37'31	7♎25	1°56	8° 5	19°27	19° 2	18°52	1°38	18°15	15°D53	23° 5	24°26	21°38	n.a.	M11
T 12	4 39 42	10°38'42	19°58	3°32	9°20	20°12	18°54	18°47	1°42	18°17	15°53	23° 0	24°23	21°44	n.a.	T 12
W13	4 43 39	11°39'52	2♏53	5° 9	10°36	20°58	18°46	18°42	1°46	18°19	15°53	22°53	24°20	21°51	n.a.	W13
T 14	4 47 35	12°41'01	16°10	6°46	11°51	21°43	18°38	18°37	1°49	18°21	15°53	22°46	24°16	21°58	n.a.	T 14
F 15	4 51 32	13°42'10	29°48	8°24	13° 6	22°29	18°30	18°32	1°53	18°23	15°53	22°39	24°13	22° 4	n.a.	F 15
S 16	4 55 29	14°43'18	13♐46	10° 2	14°22	23°15	18°22	18°27	1°56	18°25	15°53	22°33	24°10	22°11	n.a.	S 16
S 17	4 59 25	15°44'25	27°59	11°41	15°37	24° 0	18°14	18°22	2° 0	18°27	15°53	22°29	24° 7	22°18	n.a.	S 17
M18	5 3 22	16°45'31	12♑22	13°21	16°52	24°46	18° 6	18°17	2° 3	18°29	15°53	22°27	24° 4	22°24	n.a.	M18
T 19	5 7 18	17°46'36	26°50	15° 1	18° 7	25°32	17°58	18°12	2° 7	18°31	15°54	22°D26	24° 0	22°31	n.a.	T 19
W20	5 11 15	18°47'40	11♒16	16°42	19°23	26°17	17°50	18° 7	2°10	18°33	15°54	22°27	23°57	22°38	n.a.	W20
T 21	5 15 11	19°48'42	25°39	18°23	20°38	27° 3	17°42	18° 3	2°14	18°35	15°54	22°29	23°54	22°44	n.a.	T 21
F 22	5 19 8	20°49'42	9♓53	20° 6	21°53	27°49	17°34	17°58	2°17	18°37	15°54	22°30	23°51	22°51	n.a.	F 22
S 23	5 23 4	21°50'41	23°58	21°48	23° 8	28°35	17°26	17°53	2°21	18°39	15°54	22°R31	23°48	22°58	n.a.	S 23
S 24	5 27 1	22°51'39	7♈52	23°32	24°24	29°21	17°18	17°48	2°24	18°41	15°55	22°30	23°45	23° 4	n.a.	S 24
M25	5 30 58	23°52'35	21°35	25°16	25°39	0♐ 7	17°10	17°43	2°27	18°43	15°55	22°27	23°41	23°11	n.a.	M25
T 26	5 34 54	24°53'29	5♉ 5	27° 1	26°54	0°53	17° 2	17°38	2°31	18°46	15°55	22°24	23°38	23°18	n.a.	T 26
W27	5 38 51	25°54'22	18°24	28°46	28° 9	1°39	16°54	17°33	2°34	18°48	15°56	22°20	23°35	23°24	n.a.	W27
T 28	5 42 47	26°55'13	1♊29	0♑33	29°24	2°25	16°47	17°28	2°37	18°50	15°56	22°15	23°32	23°31	n.a.	T 28
F 29	5 46 44	27°56'03	14°20	2°19	0♑40	3°11	16°39	17°24	2°41	18°52	15°57	22°11	23°29	23°38	n.a.	F 29
S 30	5 50 40	28°56'52	26°59	4° 6	1°55	3°57	16°31	17°19	2°44	18°54	15°57	22° 8	23°26	23°44	n.a.	S 30
S 31	5 54 37	29♐57'39	9♋24	5♑54	3♑10	4♐43	16♊24	17♊14	2♐47	18♑56	15♓57	22♑ 7	23♑22	23♘51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s21	25n18	3n47	17s14	0s15	19s29	0s 2	15s45	0s 6	23n42	0n14	22n59	0s26	20s44	0s 2	23s 0	0s24	21s23	17s12	21s46	21s29	12n47		n.a.
S 2	20 34	26 14	2 55	17 47	0 22	19 49	0 4	15 59	0 6	23 42	0 14	22 58	0 26	20 45	0 2	23 0	0 24	21 22	17 12	21 47	21 30	12 44		n.a.
S 3	20 47	25 45	1 55	18 19	0 29	20 9	0 7	16 14	0 7	23 41	0 14	22 58	0 26	20 46	0 2	23 0	0 24	21 22	17 11	21 48	21 30	12 41		n.a.
M 4	21 0	23 59	0 51	18 51	0 35	20 28	0 9	16 28	0 8	23 41	0 14	22 58	0 26	20 47	0 2	23 0	0 24	21 22	17 11	21 49	21 31	12 38		n.a.
T 5	21 12	21 8	0s14	19 21	0 41	20 47	0 11	16 42	0 9	23 40	0 15	22 58	0 26	20 47	0 2	22 59	0 24	21 22	17 11	21 49	21 31	12 35		n.a.
W 6	21 23	17 25	1 18	19 51	0 48	21 5	0 14	16 57	0 9	23 40	0 15	22 57	0 26	20 48	0 2	22 59	0 24	21 21	17 10	21 49	21 32	12 32		n.a.
T 7	21 35	13 3	2 17	20 20	0 54	21 22	0 16	17 11	0 10	23 39	0 15	22 57	0 26	20 49	0 2	22 59	0 24	21 21	17 10	21 48	21 33	12 29		n.a.
F 8	21 45	8 14	3 11	20 48	0 59	21 39	0 18	17 24	0 11	23 39	0 15	22 57	0 26	20 50	0 2	22 59	0 24	21 21	17 9	21 48	21 33	12 27		n.a.
S 9	21 56	3 5	3 57	21 16	1 5	21 55	0 21	17 38	0 11	23 39	0 15	22 56	0 26	20 50	0 2	22 58	0 24	21 21	17 9	21 48	21 34	12 24		n.a.
S 10	22 6	2s13	4 34	21 42	1 10	22 11	0 23	17 51	0 12	23 38	0 15	22 56	0 26	20 51	0 2	22 58	0 24	21 20	17 9	21 48	21 34	12 21		n.a.
M11	22 15	7 32	4 58	22 7	1 16	22 26	0 25	18 5	0 13	23 38	0 16	22 56	0 25	20 52	0 2	22 58	0 24	21 20	17 8	21 49	21 35	12 18		n.a.
T 12	22 24	12 41	5 9	22 31	1 21	22 40	0 27	18 18	0 13	23 37	0 16	22 56	0 25	20 52	0 2	22 58	0 24	21 20	17 8	21 50	21 35	12 15		n.a.
W13	22 33	17 26	5 5	22 54	1 25	22 53	0 30	18 31	0 14	23 37	0 16	22 55	0 25	20 53	0 2	22 57	0 24	21 19	17 8	21 51	21 36	12 12		n.a.
T 14	22 41	21 28	4 44	23 16	1 30	23 6	0 32	18 44	0 15	23 36	0 16	22 55	0 25	20 54	0 2	22 57	0 24	21 19	17 7	21 52	21 37	12 9		n.a.
F 15	22 49	24 28	4 7	23 37	1 34	23 18	0 34	18 56	0 16	23 36	0 16	22 55	0 25	20 55	0 2	22 57	0 24	21 18	17 7	21 54	21 37	12 6		n.a.
S 16	22 56	26 3	3 15	23 56	1 38	23 30	0 36	19 9	0 16	23 35	0 16	22 54	0 25	20 55	0 2	22 57	0 24	21 18	17 6	21 54	21 38	12 3		n.a.
S 17	23 3	25 58	2 9	24 14	1 42	23 40	0 38	19 21	0 17	23 34	0 17	22 54	0 25	20 56	0 2	22 56	0 24	21 18	17 6	21 55	21 38	12 0		n.a.
M18	23 9	24 9	0 55	24 31	1 45	23 50	0 40	19 33	0 18	23 34	0 17	22 54	0 25	20 57	0 2	22 56	0 24	21 17	17 6	21 56	21 39	11 57		n.a.
T 19	23 15	20 44	0n24	24 46	1 48	24 0	0 42	19 45	0 18	23 33	0 17	22 53	0 25	20 58	0 2	22 56	0 24	21 17	17 5	21 56	21 39	11 55		n.a.
W20	23 21	16 3	1 41	25 0	1 51	24 8	0 44	19 57	0 19	23 33	0 17	22 53	0 24	20 58	0 2	22 55	0 24	21 16	17 5	21 55	21 40	11 52		n.a.
T 21	23 26	10 29	2 52	25 12	1 54	24 16	0 46	20 8	0 20	23 32	0 17	22 53	0 24	20 59	0 2	22 55	0 24	21 16	17 5	21 55	21 41	11 49		n.a.
F 22	23 30	4 26	3 51	25 23	1 56	24 23	0 48	20 20	0 21	23 31	0 17	22 52	0 24	21 0	0 2	22 55	0 24	21 16	17 4	21 55	21 41	11 46		n.a.
S 23	23 34	1n46	4 35	25 32	1 58	24 29	0 50	20 31	0 21	23 31	0 17	22 52	0 24	21 0	0 2	22 55	0 24	21 15	17 4	21 55	21 42	11 43		n.a.
S 24	23 38	7 48	5 3	25 39	1 59	24 35	0 52	20 42	0 22	23 30	0 18	22 52	0 24	21 1	0 2	22 54	0 24	21 15	17 4	21 55	21 42	11 40		n.a.
M25	23 41	13 22	5 13	25 44	2 0	24 39	0 54	20 52	0 23	23 30	0 18	22 51	0 24	21 2	0 2	22 54	0 24	21 14	17 3	21 55	21 43	11 37		n.a.
T 26	23 44	18 13	5 6	25 48	2 0	24 43	0 56	21 3	0 23	23 29	0 18	22 51	0 24	21 2	0 2	22 54	0 24	21 14	17 3	21 56	21 43	11 34		n.a.
W27	23 46	22 5	4 42	25 50	2 0	24 47	0 58	21 13	0 24	23 28	0 18	22 51	0 24	21 3	0 2	22 53	0 24	21 13	17 2	21 57	21 44	11 31		n.a.
T 28	23 48	24 45	4 3	25 50	2 0	24 49	0 59	21 23	0 25	23 28	0 18	22 50	0 24	21 4	0 2	22 53	0 24	21 13	17 2	21 57	21 44	11 28		n.a.
F 29	23 49	26 5	3 13	25 48	1 59	24 51	1 1	21 33	0 26	23 27	0 18	22 50	0 23	21 4	0 2	22 53	0 24	21 12	17 2	21 58	21 45	11 25		n.a.
S 30	23 49	26 2	2 14	25 43	1 58	24 52	1 3	21 43	0 26	23 26	0 18	22 50	0 23	21 5	0 2	22 53	0 25	21 12	17 1	21 59	21 46	11 22		n.a.
S 31	23s50	24n39	1n10	25s37	1s56	24s52	1s 4	21s52	0s27	23n26	0n19	22n49	0s23	21s 6	0s 2	22s52	0s25	21s11	17s 1	21s59	21s46	11n19		n.a.

Julian Day Number = 1313042.5, Delta T = 07h39m49s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'34, Lahiri = -19°23'33 Julian Calendar 1 Dec. 1119 BCE == Greg. Calendar 20 Nov. 1119 BCE

The year -1118 astronomical counting style corresponds to year 1119 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

JANUARY 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 58 34	0♉58'25	21♋37	7♉42	4♉25	5♐29	16°R16	17°R 9	2♐51	18♉58	15♓58	22°D 6	23♉19	23♌58	n.a.	M 1
T 2	6 2 30	1°59'09	3♌39	9°31	5°40	6°15	16♊ 8	17♊ 5	2°54	19° 1	15°58	22♉ 6	23°16	24° 4	n.a.	T 2
W 3	6 6 27	2°59'52	15°34	11°19	6°55	7° 1	16° 1	17° 0	2°57	19° 3	15°59	22° 8	23°13	24°11	n.a.	W 3
T 4	6 10 23	4° 0'33	27°24	13° 8	8°10	7°47	15°54	16°55	3° 0	19° 5	15°59	22° 9	23°10	24°18	n.a.	T 4
F 5	6 14 20	5° 1'13	9♍13	14°57	9°25	8°34	15°46	16°51	3° 4	19° 7	16° 0	22°11	23° 6	24°24	n.a.	F 5
S 6	6 18 16	6° 1'52	21° 5	16°46	10°40	9°20	15°39	16°46	3° 7	19° 9	16° 1	22°12	23° 3	24°31	n.a.	S 6
S 7	6 22 13	7° 2'29	3♎ 5	18°34	11°55	10° 6	15°32	16°42	3°10	19°12	16° 1	22°R13	23° 0	24°38	n.a.	S 7
M 8	6 26 9	8° 3'05	15°19	20°21	13°10	10°52	15°25	16°37	3°13	19°14	16° 2	22°13	22°57	24°44	n.a.	M 8
T 9	6 30 6	9° 3'39	27°49	22° 7	14°25	11°39	15°18	16°33	3°16	19°16	16° 2	22°12	22°54	24°51	n.a.	T 9
W10	6 34 3	10° 4'12	10♏41	23°52	15°40	12°25	15°12	16°29	3°19	19°18	16° 3	22°11	22°51	24°58	n.a.	W10
T 11	6 37 59	11° 4'44	23°58	25°35	16°55	13°11	15° 5	16°24	3°22	19°21	16° 4	22° 9	22°47	25° 4	n.a.	T 11
F 12	6 41 56	12° 5'14	7♐40	27°16	18°10	13°58	14°59	16°20	3°25	19°23	16° 4	22° 8	22°44	25°11	n.a.	F 12
S 13	6 45 52	13° 5'42	21°47	28°54	19°25	14°44	14°52	16°16	3°28	19°25	16° 5	22° 7	22°41	25°18	n.a.	S 13
S 14	6 49 49	14° 6'09	6♉15	0♒29	20°40	15°30	14°46	16°12	3°31	19°27	16° 6	22° 6	22°38	25°24	n.a.	S 14
M15	6 53 45	15° 6'34	21° 0	2° 0	21°55	16°17	14°40	16° 8	3°34	19°30	16° 7	22°D 6	22°35	25°31	n.a.	M15
T 16	6 57 42	16° 6'57	5♒53	3°26	23°10	17° 3	14°34	16° 4	3°37	19°32	16° 7	22° 6	22°32	25°38	n.a.	T 16
W17	7 1 38	17° 7'18	20°47	4°47	24°24	17°50	14°28	16° 0	3°40	19°34	16° 8	22° 6	22°28	25°44	n.a.	W17
T 18	7 5 35	18° 7'37	5♓35	6° 3	25°39	18°36	14°23	15°56	3°43	19°37	16° 9	22° 7	22°25	25°51	n.a.	T 18
F 19	7 9 32	19° 7'54	20°10	7°12	26°54	19°22	14°17	15°53	3°45	19°39	16°10	22° 7	22°22	25°58	n.a.	F 19
S 20	7 13 28	20° 8'08	4♈27	8°15	28° 9	20° 9	14°12	15°49	3°48	19°41	16°11	22° 7	22°19	26° 4	n.a.	S 20
S 21	7 17 25	21° 8'21	18°25	9° 9	29°24	20°55	14° 7	15°45	3°51	19°43	16°11	22°R 7	22°16	26°11	n.a.	S 21
M22	7 21 21	22° 8'31	2♉ 3	9°56	0♒38	21°42	14° 2	15°42	3°53	19°46	16°12	22°D 7	22°12	26°18	n.a.	M22
T 23	7 25 18	23° 8'38	15°22	10°34	1°53	22°28	13°57	15°39	3°56	19°48	16°13	22° 7	22° 9	26°24	n.a.	T 23
W24	7 29 14	24° 8'44	28°23	11° 3	3° 8	23°15	13°52	15°35	3°59	19°50	16°14	22° 7	22° 6	26°31	n.a.	W24
T 25	7 33 11	25° 8'47	11♊ 8	11°23	4°22	24° 1	13°48	15°32	4° 1	19°53	16°15	22° 8	22° 3	26°38	n.a.	T 25
F 26	7 37 7	26° 8'48	23°39	11°34	5°37	24°48	13°43	15°29	4° 4	19°55	16°16	22° 8	22° 0	26°44	n.a.	F 26
S 27	7 41 4	27° 8'47	5♋58	11°R35	6°52	25°34	13°39	15°26	4° 6	19°57	16°17	22° 8	21°57	26°51	n.a.	S 27
S 28	7 45 1	28° 8'44	18° 8	11°27	8° 6	26°21	13°35	15°23	4° 9	19°59	16°18	22°R 9	21°53	26°58	n.a.	S 28
M29	7 48 57	29° 8'39	0♌10	11°10	9°21	27° 8	13°31	15°20	4°11	20° 2	16°19	22° 9	21°50	27° 4	n.a.	M29
T 30	7 52 54	0♒ 8'31	12° 6	10°45	10°36	27°54	13°28	15°17	4°14	20° 4	16°20	22° 8	21°47	27°11	n.a.	T 30
W31	7 56 50	1♒ 8'21	23♌57	10♒12	11♒50	28♐41	13♊24	15♊15	4♐16	20♉ 6	16♓21	22♉ 7	21♉44	27♌18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s49	22n 6	0n 3	25s29	1s53	24s51	1s 6	22s 1	0s28	23n25	0n19	22n49	0s23	21s 6	0s 2	22s52	0s25	21s11	17s 1	21s59	21s47	11n16			n.a.
T 2	23 49	18 37	1s 3	25 19	1 50	24 50	1 7	22 10	0 28	23 24	0 19	22 49	0 23	21 7	0 2	22 52	0 25	21 10	17 0	21 59	21 47	11 14			n.a.
W 3	23 48	14 25	2 6	25 6	1 46	24 48	1 9	22 19	0 29	23 24	0 19	22 48	0 23	21 8	0 2	22 51	0 25	21 10	17 0	21 59	21 48	11 11			n.a.
T 4	23 46	9 43	3 3	24 51	1 42	24 45	1 10	22 27	0 30	23 23	0 19	22 48	0 23	21 8	0 2	22 51	0 25	21 9	17 0	21 58	21 48	11 8			n.a.
F 5	23 44	4 40	3 52	24 35	1 37	24 41	1 12	22 35	0 31	23 22	0 19	22 48	0 23	21 9	0 2	22 51	0 25	21 9	16 59	21 58	21 49	11 5			n.a.
S 6	23 41	0s33	4 31	24 16	1 31	24 36	1 13	22 43	0 31	23 22	0 19	22 47	0 22	21 10	0 3	22 50	0 25	21 8	16 59	21 58	21 49	11 2			n.a.
S 7	23 38	5 49	4 59	23 55	1 24	24 31	1 14	22 51	0 32	23 21	0 19	22 47	0 22	21 10	0 3	22 50	0 25	21 8	16 59	21 58	21 50	10 59			n.a.
M 8	23 35	10 56	5 15	23 32	1 17	24 25	1 15	22 59	0 33	23 20	0 20	22 47	0 22	21 11	0 3	22 50	0 25	21 7	16 58	21 58	21 50	10 56			n.a.
T 9	23 31	15 45	5 15	23 7	1 9	24 18	1 17	23 6	0 33	23 20	0 20	22 46	0 22	21 12	0 3	22 49	0 25	21 7	16 58	21 58	21 51	10 53			n.a.
W10	23 26	20 1	5 1	22 40	1 0	24 11	1 18	23 13	0 34	23 19	0 20	22 46	0 22	21 12	0 3	22 49	0 25	21 6	16 58	21 58	21 52	10 50			n.a.
T 11	23 21	23 25	4 29	22 12	0 50	24 2	1 19	23 20	0 35	23 19	0 20	22 46	0 22	21 13	0 3	22 49	0 25	21 5	16 57	21 58	21 52	10 47			n.a.
F 12	23 16	25 36	3 42	21 42	0 40	23 53	1 20	23 26	0 35	23 18	0 20	22 45	0 22	21 13	0 3	22 48	0 25	21 5	16 57	21 59	21 53	10 44			n.a.
S 13	23 10	26 14	2 40	21 11	0 29	23 44	1 21	23 32	0 36	23 17	0 20	22 45	0 22	21 14	0 3	22 48	0 25	21 4	16 57	21 59	21 53	10 41			n.a.
S 14	23 4	25 7	1 27	20 39	0 17	23 33	1 21	23 38	0 37	23 17	0 20	22 45	0 21	21 14	0 3	22 48	0 25	21 4	16 56	21 59	21 54	10 38			n.a.
M15	22 57	22 16	0 6	20 6	0 4	23 22	1 22	23 44	0 38	23 16	0 20	22 44	0 21	21 15	0 3	22 48	0 25	21 3	16 56	21 59	21 54	10 35			n.a.
T 16	22 50	17 53	1n16	19 33	0n 9	23 10	1 23	23 49	0 38	23 16	0 21	22 44	0 21	21 16	0 3	22 47	0 25	21 2	16 56	21 59	21 55	10 32			n.a.
W17	22 43	12 23	2 33	19 0	0 23	22 57	1 24	23 54	0 39	23 15	0 21	22 44	0 21	21 16	0 3	22 47	0 25	21 2	16 55	21 59	21 55	10 29			n.a.
T 18	22 35	6 14	3 39	18 27	0 38	22 44	1 24	23 59	0 40	23 14	0 21	22 44	0 21	21 17	0 3	22 47	0 25	21 1	16 55	21 59	21 56	10 26			n.a.
F 19	22 26	0n10	4 30	17 55	0 53	22 30	1 25	24 4	0 40	23 14	0 21	22 43	0 21	21 17	0 3	22 46	0 25	21 1	16 55	21 59	21 56	10 23			n.a.
S 20	22 17	6 25	5 3	17 24	1 8	22 16	1 25	24 8	0 41	23 13	0 21	22 43	0 21	21 18	0 3	22 46	0 25	21 0	16 54	21 59	21 57	10 20			n.a.
S 21	22 8	12 12	5 17	16 55	1 24	22 0	1 26	24 12	0 42	23 13	0 21	22 43	0 20	21 18	0 3	22 46	0 25	20 59	16 54	21 59	21 57	10 18			n.a.
M22	21 59	17 16	5 13	16 27	1 40	21 44	1 26	24 16	0 42	23 12	0 21	22 43	0 20	21 19	0 3	22 45	0 25	20 59	16 54	21 59	21 58	10 15			n.a.
T 23	21 48	21 21	4 52	16 2	1 55	21 28	1 26	24 20	0 43	23 12	0 21	22 42	0 20	21 19	0 3	22 45	0 25	20 58	16 53	21 59	21 58	10 12			n.a.
W24	21 38	24 17	4 16	15 39	2 11	21 11	1 27	24 23	0 44	23 11	0 21	22 42	0 20	21 20	0 3	22 45	0 25	20 58	16 53	21 59	21 59	10 9			n.a.
T 25	21 27	25 55	3 29	15 19	2 26	20 53	1 27	24 26	0 44	23 11	0 21	22 42	0 20	21 20	0 3	22 44	0 25	20 57	16 53	21 59	21 59	10 6			n.a.
F 26	21 16	26 12	2 32	15 2	2 40	20 35	1 27	24 29	0 45	23 10	0 22	22 42	0 20	21 21	0 3	22 44	0 25	20 56	16 53	21 59	22 0	10 3			n.a.
S 27	21 4	25 10	1 29	14 48	2 54	20 16	1 27	24 31	0 46	23 10	0 22	22 41	0 20	21 21	0 3	22 44	0 25	20 56	16 52	21 59	22 0	10 0			n.a.
S 28	20 52	22 57	0 22	14 38	3 7	19 56	1 27	24 33	0 47	23 10	0 22	22 41	0 20	21 22	0 3	22 43	0 25	20 55	16 52	21 59	22 1	9 57			n.a.
M29	20 40	19 43	0s44	14 32	3 18	19 36	1 27	24 35	0 47	23 9	0 22	22 41	0 19	21 22	0 3	22 43	0 25	20 54	16 52	21 59	22 2	9 54			n.a.
T 30	20 27	15 43	1 49	14 29	3 28	19 15	1 27	24 37	0 48	23 9	0 22	22 41	0 19	21 23	0 3	22 43	0 25	20 54	16 52	21 59	22 2	9 51			n.a.
W31	20s14	11n 7	2s47	14s29	3n37	18s54	1s27	24s38	0s49	23n 9	0n22	22n41	0s19	21s23	0s 3	22s42	0s25	20s53	16s51	21s59	22s 3	9n48			n.a.

Julian Day Number = 1313073.5, Delta T = 07h39m47s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'29, Lahiri = -19°23'29 Julian Calendar 1 Jan. 1118 BCE == Greg. Calendar 21 Dec. 1119 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

FEBRUARY 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 47	2♒ 8'10	5♍47	9°R32	13♒ 5	29♐27	13°R21	15°R12	4♐18	20♑ 8	16♓22	22°R 6	21♑41	27♌24	n.a.	T 1
F 2	8 4 43	3° 7'56	17°37	8♒47	14°19	0♑14	13♊18	15♊ 9	4°21	20°11	16°23	22♑ 4	21°38	27°31	n.a.	F 2
S 3	8 8 40	4° 7'40	29°30	7°56	15°34	1° 0	13°15	15° 7	4°23	20°13	16°24	22° 3	21°34	27°38	n.a.	S 3
S 4	8 12 36	5° 7'23	11♎31	7° 2	16°48	1°47	13°12	15° 5	4°25	20°15	16°25	22° 1	21°31	27°44	n.a.	S 4
M 5	8 16 33	6° 7'04	23°43	6° 6	18° 3	2°34	13°10	15° 3	4°27	20°17	16°26	22° 0	21°28	27°51	n.a.	M 5
T 6	8 20 29	7° 6'42	6♏10	5° 8	19°17	3°20	13° 7	15° 1	4°29	20°19	16°27	22°D 0	21°25	27°58	n.a.	T 6
W 7	8 24 26	8° 6'19	18°57	4°11	20°31	4° 7	13° 5	14°59	4°31	20°22	16°28	22° 0	21°22	28° 4	n.a.	W 7
T 8	8 28 23	9° 5'54	2♐ 6	3°15	21°46	4°53	13° 3	14°57	4°33	20°24	16°30	22° 1	21°18	28°11	n.a.	T 8
F 9	8 32 19	10° 5'28	15°42	2°22	23° 0	5°40	13° 2	14°55	4°35	20°26	16°31	22° 2	21°15	28°18	n.a.	F 9
S 10	8 36 16	11° 4'59	29°44	1°32	24°15	6°27	13° 0	14°53	4°37	20°28	16°32	22° 3	21°12	28°24	n.a.	S 10
S 11	8 40 12	12° 4'28	14♑12	0°47	25°29	7°13	12°59	14°52	4°39	20°30	16°33	22° 4	21° 9	28°31	n.a.	S 11
M12	8 44 9	13° 3'56	29° 3	0° 6	26°43	8° 0	12°57	14°50	4°41	20°32	16°34	22°R 4	21° 6	28°38	n.a.	M12
T 13	8 48 5	14° 3'21	14♒ 8	29♑31	27°57	8°46	12°56	14°49	4°43	20°35	16°35	22° 3	21° 3	28°44	n.a.	T 13
W14	8 52 2	15° 2'44	29°21	29° 1	29°12	9°33	12°56	14°48	4°44	20°37	16°37	22° 1	20°59	28°51	n.a.	W14
T 15	8 55 58	16° 2'04	14♓30	28°38	0♓26	10°20	12°55	14°46	4°46	20°39	16°38	21°58	20°56	28°58	n.a.	T 15
F 16	8 59 55	17° 1'23	29°26	28°20	1°40	11° 6	12°54	14°45	4°48	20°41	16°39	21°55	20°53	29° 4	n.a.	F 16
S 17	9 3 52	18° 0'38	14♈ 1	28° 8	2°54	11°53	12°54	14°44	4°49	20°43	16°40	21°51	20°50	29°11	n.a.	S 17
S 18	9 7 48	18°59'52	28°12	28° 2	4° 8	12°39	12°D54	14°44	4°51	20°45	16°42	21°49	20°47	29°18	n.a.	S 18
M19	9 11 45	19°59'03	11♉56	28°D 2	5°23	13°26	12°54	14°43	4°53	20°47	16°43	21°47	20°43	29°24	n.a.	M19
T 20	9 15 41	20°58'11	25°14	28° 7	6°37	14°12	12°55	14°42	4°54	20°49	16°44	21°D47	20°40	29°31	n.a.	T 20
W21	9 19 38	21°57'17	8♊ 9	28°18	7°51	14°59	12°55	14°42	4°55	20°51	16°45	21°48	20°37	29°38	n.a.	W21
T 22	9 23 34	22°56'21	20°44	28°34	9° 5	15°45	12°56	14°41	4°57	20°53	16°47	21°50	20°34	29°44	n.a.	T 22
F 23	9 27 31	23°55'22	3♋ 3	28°55	10°19	16°32	12°57	14°41	4°58	20°55	16°48	21°51	20°31	29°51	n.a.	F 23
S 24	9 31 27	24°54'21	15°10	29°21	11°33	17°18	12°58	14°41	4°59	20°57	16°49	21°53	20°28	29°58	n.a.	S 24
S 25	9 35 24	25°53'18	27° 9	29°51	12°47	18° 5	12°59	14°D41	5° 1	20°59	16°51	21°R53	20°24	0♍ 5	n.a.	S 25
M26	9 39 20	26°52'12	9♌ 2	0♒25	14° 0	18°51	13° 1	14°41	5° 2	21° 1	16°52	21°51	20°21	0°11	n.a.	M26
T 27	9 43 17	27°51'04	20°52	1° 4	15°14	19°38	13° 2	14°41	5° 3	21° 3	16°53	21°48	20°18	0°18	n.a.	T 27
W28	9 47 14	28♒49'53	2♍42	1♒46	16♓28	20♑24	13♊ 4	14♊41	5♐ 4	21♑ 5	16♓55	21♑43	20♑15	0♍25	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 0	6n 9	3s39	14s33	3n44	18s32	1s26	24s39	0s49	23n 8	0n22	22n41	0s19	21s24	0s 3	22s42	0s25	20s52	16s51	21s59	22s 3	9n45		n.a.
F 2	19 46	0 58	4 21	14 41	3 49	18 10	1 26	24 40	0 50	23 8	0 22	22 40	0 19	21 24	0 3	22 42	0 25	20 52	16 51	21 59	22 4	9 42		n.a.
S 3	19 32	4s16	4 53	14 51	3 52	17 47	1 25	24 40	0 51	23 8	0 22	22 40	0 19	21 25	0 3	22 41	0 25	20 51	16 50	22 0	22 4	9 39		n.a.
S 4	19 18	9 23	5 11	15 4	3 53	17 24	1 25	24 40	0 51	23 7	0 22	22 40	0 19	21 25	0 3	22 41	0 25	20 50	16 50	22 0	22 5	9 36		n.a.
M 5	19 3	14 14	5 16	15 19	3 52	17 0	1 24	24 40	0 52	23 7	0 22	22 40	0 18	21 25	0 3	22 41	0 25	20 50	16 50	22 0	22 5	9 33		n.a.
T 6	18 48	18 36	5 7	15 36	3 49	16 36	1 24	24 40	0 52	23 7	0 22	22 40	0 18	21 26	0 3	22 40	0 25	20 49	16 50	22 0	22 6	9 30		n.a.
W 7	18 32	22 15	4 42	15 54	3 44	16 12	1 23	24 39	0 53	23 7	0 23	22 40	0 18	21 26	0 3	22 40	0 25	20 48	16 50	22 0	22 6	9 27		n.a.
T 8	18 16	24 52	4 2	16 14	3 37	15 47	1 22	24 38	0 54	23 6	0 23	22 40	0 18	21 27	0 3	22 40	0 25	20 48	16 49	22 0	22 7	9 24		n.a.
F 9	18 0	26 9	3 8	16 34	3 29	15 21	1 22	24 37	0 54	23 6	0 23	22 40	0 18	21 27	0 3	22 39	0 25	20 47	16 49	22 0	22 7	9 21		n.a.
S 10	17 44	25 50	2 0	16 54	3 19	14 55	1 21	24 35	0 55	23 6	0 23	22 40	0 18	21 27	0 3	22 39	0 25	20 46	16 49	21 59	22 8	9 18		n.a.
S 11	17 27	23 47	0 43	17 15	3 8	14 29	1 20	24 33	0 56	23 6	0 23	22 40	0 18	21 28	0 3	22 39	0 25	20 46	16 49	21 59	22 8	9 15		n.a.
M12	17 10	20 3	0n38	17 36	2 56	14 3	1 19	24 31	0 56	23 6	0 23	22 40	0 18	21 28	0 3	22 39	0 25	20 45	16 48	21 59	22 9	9 12		n.a.
T 13	16 53	14 58	1 59	17 56	2 43	13 36	1 18	24 29	0 57	23 6	0 23	22 40	0 17	21 28	0 3	22 38	0 25	20 44	16 48	21 59	22 9	9 9		n.a.
W14	16 35	8 54	3 11	18 15	2 29	13 8	1 17	24 26	0 58	23 6	0 23	22 40	0 17	21 29	0 3	22 38	0 25	20 44	16 48	22 0	22 10	9 6		n.a.
T 15	16 17	2 22	4 10	18 34	2 15	12 41	1 16	24 23	0 58	23 6	0 23	22 40	0 17	21 29	0 3	22 38	0 25	20 43	16 48	22 0	22 10	9 3		n.a.
F 16	15 59	4n12	4 51	18 51	2 1	12 13	1 14	24 20	0 59	23 6	0 23	22 40	0 17	21 29	0 3	22 37	0 25	20 42	16 48	22 1	22 11	9 0		n.a.
S 17	15 41	10 23	5 11	19 8	1 47	11 44	1 13	24 16	0 59	23 6	0 23	22 40	0 17	21 30	0 3	22 37	0 25	20 42	16 48	22 1	22 11	8 57		n.a.
S 18	15 22	15 51	5 12	19 23	1 32	11 16	1 12	24 13	1 0	23 6	0 23	22 40	0 17	21 30	0 3	22 37	0 25	20 41	16 47	22 2	22 12	8 54		n.a.
M19	15 3	20 20	4 55	19 37	1 18	10 47	1 10	24 9	1 1	23 6	0 23	22 40	0 17	21 30	0 3	22 36	0 25	20 40	16 47	22 2	22 12	8 51		n.a.
T 20	14 44	23 37	4 22	19 50	1 3	10 18	1 9	24 4	1 1	23 6	0 23	22 40	0 16	21 31	0 3	22 36	0 25	20 40	16 47	22 2	22 13	8 48		n.a.
W21	14 25	25 36	3 37	20 2	0 49	9 48	1 7	24 0	1 2	23 6	0 23	22 40	0 16	21 31	0 3	22 36	0 25	20 39	16 47	22 2	22 13	8 45		n.a.
T 22	14 6	26 12	2 42	20 12	0 36	9 19	1 6	23 55	1 2	23 6	0 24	22 40	0 16	21 31	0 3	22 36	0 25	20 39	16 47	22 2	22 14	8 42		n.a.
F 23	13 46	25 29	1 41	20 21	0 22	8 49	1 4	23 50	1 3	23 7	0 24	22 40	0 16	21 31	0 3	22 35	0 25	20 38	16 47	22 1	22 14	8 39		n.a.
S 24	13 26	23 33	0 37	20 28	0 9	8 19	1 2	23 44	1 4	23 7	0 24	22 40	0 16	21 32	0 3	22 35	0 25	20 37	16 46	22 1	22 15	8 36		n.a.
S 25	13 6	20 36	0s29	20 34	0s 3	7 48	1 1	23 39	1 4	23 7	0 24	22 40	0 16	21 32	0 3	22 35	0 25	20 37	16 46	22 1	22 15	8 33		n.a.
M26	12 45	16 48	1 32	20 38	0 15	7 18	0 59	23 33	1 5	23 7	0 24	22 40	0 16	21 32	0 3	22 34	0 25	20 36	16 46	22 1	22 15	8 30		n.a.
T 27	12 25	12 23	2 32	20 41	0 27	6 47	0 57	23 27	1 5	23 8	0 24	22 41	0 16	21 32	0 3	22 34	0 25	20 35	16 46	22 2	22 16	8 27		n.a.
W28	12s 4	7n31	3s24	20s43	0s38	6s16	0s55	23s20	1s 6	23n 8	0n24	22n41	0s15	21s32	0s 3	22s34	0s25	20s35	16s46	22s 3	22s16	8n24		n.a.

Julian Day Number = 1313104.5, Delta T = 07h39m46s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'25, Lahiri = -19°23'25 Julian Calendar 1 Feb. 1118 BCE == Greg. Calendar 21 Jan. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

MARCH 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 10	29♒48'41	14♍32	2♒32	17♓42	21♉11	13♊ 6	14♊42	5♐ 5	21♉ 7	16♓56	21°R37	20♉12	0♍31	n.a.	T 1
F 2	9 55 7	0♓47'26	26°26	3°21	18°56	21°57	13° 9	14°42	5° 6	21° 9	16°57	21♉29	20° 9	0°38	n.a.	F 2
S 3	9 59 3	1°46'10	8♎25	4°13	20° 9	22°43	13°11	14°43	5° 7	21°10	16°59	21°22	20° 5	0°45	n.a.	S 3
S 4	10 3 0	2°44'51	20°31	5° 9	21°23	23°30	13°14	14°44	5° 8	21°12	17° 0	21°15	20° 2	0°51	n.a.	S 4
M 5	10 6 56	3°43'31	2♏46	6° 7	22°37	24°16	13°16	14°44	5° 9	21°14	17° 1	21° 9	19°59	0°58	n.a.	M 5
T 6	10 10 53	4°42'09	15°15	7° 9	23°50	25° 3	13°19	14°45	5° 9	21°16	17° 3	21° 6	19°56	1° 5	n.a.	T 6
W 7	10 14 49	5°40'45	27°59	8°13	25° 4	25°49	13°22	14°46	5°10	21°18	17° 4	21° 4	19°53	1°11	n.a.	W 7
T 8	10 18 46	6°39'19	11♐ 2	9°19	26°18	26°35	13°26	14°48	5°11	21°19	17° 5	21°D 3	19°49	1°18	n.a.	T 8
F 9	10 22 43	7°37'52	24°28	10°28	27°31	27°22	13°29	14°49	5°12	21°21	17° 7	21° 4	19°46	1°25	n.a.	F 9
S 10	10 26 39	8°36'22	8♑20	11°40	28°45	28° 8	13°33	14°50	5°12	21°23	17° 8	21° 5	19°43	1°31	n.a.	S 10
S 11	10 30 36	9°34'52	22°37	12°53	29°58	28°54	13°37	14°52	5°13	21°24	17°10	21°R 6	19°40	1°38	n.a.	S 11
M12	10 34 32	10°33'19	7♒19	14° 9	1♈12	29°40	13°41	14°53	5°13	21°26	17°11	21° 5	19°37	1°45	n.a.	M12
T 13	10 38 29	11°31'44	22°20	15°27	2°25	0♒27	13°45	14°55	5°14	21°28	17°12	21° 2	19°34	1°51	n.a.	T 13
W14	10 42 25	12°30'08	7♓33	16°47	3°39	1°13	13°49	14°57	5°14	21°29	17°14	20°56	19°30	1°58	n.a.	W14
T 15	10 46 22	13°28'29	22°48	18°10	4°52	1°59	13°53	14°59	5°14	21°31	17°15	20°49	19°27	2° 5	n.a.	T 15
F 16	10 50 18	14°26'48	7♈54	19°34	6° 5	2°45	13°58	15° 1	5°15	21°32	17°16	20°41	19°24	2°11	n.a.	F 16
S 17	10 54 15	15°25'06	22°42	21° 0	7°19	3°31	14° 3	15° 3	5°15	21°34	17°18	20°33	19°21	2°18	n.a.	S 17
S 18	10 58 11	16°23'21	7♉ 5	22°28	8°32	4°17	14° 8	15° 5	5°15	21°35	17°19	20°26	19°18	2°25	n.a.	S 18
M19	11 2 8	17°21'34	20°58	23°58	9°45	5° 3	14°13	15° 7	5°15	21°37	17°21	20°21	19°15	2°31	n.a.	M19
T 20	11 6 5	18°19'45	4♊22	25°29	10°58	5°49	14°18	15° 9	5°15	21°38	17°22	20°18	19°11	2°38	n.a.	T 20
W21	11 10 1	19°17'54	17°19	27° 3	12°11	6°35	14°24	15°12	5°R15	21°40	17°23	20°D17	19° 8	2°45	n.a.	W21
T 22	11 13 58	20°16'01	29°53	28°38	13°25	7°21	14°29	15°15	5°15	21°41	17°25	20°17	19° 5	2°52	n.a.	T 22
F 23	11 17 54	21°14'06	12♋ 8	0♓16	14°38	8° 7	14°35	15°17	5°15	21°43	17°26	20°18	19° 2	2°58	n.a.	F 23
S 24	11 21 51	22°12'09	24°10	1°55	15°51	8°53	14°41	15°20	5°15	21°44	17°28	20°R18	18°59	3° 5	n.a.	S 24
S 25	11 25 47	23°10'09	6♌ 3	3°36	17° 4	9°39	14°47	15°23	5°15	21°45	17°29	20°17	18°55	3°12	n.a.	S 25
M26	11 29 44	24° 8'08	17°53	5°18	18°17	10°24	14°53	15°26	5°15	21°47	17°30	20°13	18°52	3°18	n.a.	M26
T 27	11 33 40	25° 6'04	29°41	7° 3	19°29	11°10	15° 0	15°29	5°14	21°48	17°32	20° 7	18°49	3°25	n.a.	T 27
W28	11 37 37	26° 3'59	11♍32	8°49	20°42	11°56	15° 6	15°32	5°14	21°49	17°33	19°59	18°46	3°32	n.a.	W28
T 29	11 41 33	27° 1'52	23°26	10°37	21°55	12°42	15°13	15°36	5°14	21°50	17°35	19°48	18°43	3°38	n.a.	T 29
F 30	11 45 30	27°59'43	5♎27	12°28	23° 8	13°27	15°19	15°39	5°13	21°51	17°36	19°36	18°40	3°45	n.a.	F 30
S 31	11 49 27	28♓57'33	17♎35	14♓19	24♈21	14♒13	15♊26	15♊42	5♐13	21♉53	17♓37	19♉23	18♉36	3♍52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s43	2n23	4s 8	20s42	0s49	5s45	0s53	23s13	1s 6	23n 8	0n24	22n41	0s15	21s33	0s 3	22s34	0s25	20s34	16s46	22s 4	22s17	8n21		n.a.
F 2	11 22	2s50	4 41	20 41	0 59	5 14	0 51	23 6	1 7	23 9	0 24	22 41	0 15	21 33	0 3	22 33	0 25	20 33	16 46	22 5	22 17	8 18		n.a.
S 3	11 1	8 0	5 2	20 37	1 8	4 43	0 49	22 59	1 7	23 9	0 24	22 41	0 15	21 33	0 3	22 33	0 25	20 33	16 46	22 6	22 18	8 15		n.a.
S 4	10 40	12 54	5 9	20 33	1 18	4 11	0 47	22 52	1 8	23 9	0 24	22 42	0 15	21 33	0 3	22 33	0 25	20 32	16 45	22 7	22 18	8 12		n.a.
M 5	10 18	17 22	5 3	20 26	1 26	3 40	0 45	22 44	1 9	23 10	0 24	22 42	0 15	21 33	0 3	22 32	0 25	20 31	16 45	22 8	22 19	8 9		n.a.
T 6	9 56	21 10	4 43	20 18	1 34	3 8	0 43	22 36	1 9	23 10	0 24	22 42	0 15	21 34	0 3	22 32	0 25	20 31	16 45	22 9	22 19	8 6		n.a.
W 7	9 35	24 3	4 8	20 8	1 42	2 37	0 41	22 28	1 10	23 11	0 24	22 42	0 15	21 34	0 3	22 32	0 26	20 30	16 45	22 9	22 20	8 3		n.a.
T 8	9 13	25 45	3 19	19 57	1 48	2 5	0 38	22 19	1 10	23 11	0 24	22 42	0 14	21 34	0 3	22 32	0 26	20 30	16 45	22 9	22 20	8 0		n.a.
F 9	8 51	26 1	2 19	19 44	1 55	1 33	0 36	22 11	1 11	23 11	0 24	22 43	0 14	21 34	0 3	22 31	0 26	20 29	16 45	22 9	22 21	7 57		n.a.
S 10	8 28	24 42	1 8	19 30	2 1	1 1	0 34	22 2	1 11	23 12	0 24	22 43	0 14	21 34	0 3	22 31	0 26	20 28	16 45	22 9	22 21	7 54		n.a.
S 11	8 6	21 46	0n 8	19 14	2 6	0 29	0 31	21 53	1 12	23 13	0 24	22 43	0 14	21 34	0 3	22 31	0 26	20 28	16 45	22 9	22 22	7 51		n.a.
M12	7 44	17 21	1 26	18 56	2 11	0n 2	0 29	21 43	1 12	23 13	0 24	22 44	0 14	21 34	0 3	22 31	0 26	20 27	16 45	22 9	22 22	7 48		n.a.
T 13	7 21	11 46	2 40	18 36	2 15	0 34	0 27	21 34	1 13	23 14	0 25	22 44	0 14	21 34	0 3	22 30	0 26	20 26	16 45	22 9	22 23	7 45		n.a.
W14	6 59	5 26	3 43	18 15	2 19	1 6	0 24	21 24	1 13	23 14	0 25	22 44	0 14	21 34	0 3	22 30	0 26	20 26	16 45	22 10	22 23	7 42		n.a.
T 15	6 36	1n14	4 31	17 53	2 22	1 38	0 22	21 14	1 13	23 15	0 25	22 45	0 13	21 35	0 3	22 30	0 26	20 25	16 45	22 11	22 24	7 39		n.a.
F 16	6 13	7 45	4 59	17 28	2 24	2 10	0 19	21 4	1 14	23 15	0 25	22 45	0 13	21 35	0 3	22 30	0 26	20 25	16 45	22 12	22 24	7 36		n.a.
S 17	5 50	13 41	5 6	17 2	2 26	2 42	0 17	20 53	1 14	23 16	0 25	22 45	0 13	21 35	0 3	22 30	0 26	20 24	16 45	22 14	22 24	7 33		n.a.
S 18	5 27	18 42	4 53	16 34	2 28	3 13	0 14	20 43	1 15	23 17	0 25	22 46	0 13	21 35	0 3	22 29	0 26	20 24	16 45	22 15	22 25	7 30		n.a.
M19	5 4	22 31	4 24	16 5	2 29	3 45	0 11	20 32	1 15	23 17	0 25	22 46	0 13	21 35	0 3	22 29	0 26	20 23	16 45	22 16	22 25	7 27		n.a.
T 20	4 41	24 58	3 41	15 34	2 29	4 17	0 9	20 21	1 16	23 18	0 25	22 46	0 13	21 35	0 3	22 29	0 26	20 22	16 45	22 16	22 26	7 24		n.a.
W21	4 18	25 59	2 47	15 1	2 29	4 48	0 6	20 9	1 16	23 19	0 25	22 47	0 13	21 35	0 3	22 29	0 26	20 22	16 45	22 16	22 26	7 21		n.a.
T 22	3 55	25 37	1 47	14 27	2 28	5 19	0 3	19 58	1 17	23 19	0 25	22 47	0 13	21 35	0 3	22 28	0 26	20 21	16 45	22 16	22 27	7 18		n.a.
F 23	3 32	23 59	0 44	13 51	2 27	5 51	0 1	19 46	1 17	23 20	0 25	22 48	0 13	21 35	0 3	22 28	0 26	20 21	16 45	22 16	22 27	7 15		n.a.
S 24	3 9	21 17	0s21	13 13	2 25	6 22	0n 2	19 34	1 17	23 21	0 25	22 48	0 12	21 35	0 3	22 28	0 26	20 20	16 45	22 16	22 28	7 12		n.a.
S 25	2 45	17 43	1 23	12 34	2 23	6 53	0 5	19 22	1 18	23 22	0 25	22 49	0 12	21 35	0 3	22 28	0 26	20 20	16 45	22 16	22 28	7 9		n.a.
M26	2 22	13 29	2 22	11 53	2 20	7 23	0 7	19 10	1 18	23 22	0 25	22 49	0 12	21 35	0 3	22 28	0 26	20 19	16 45	22 17	22 29	7 6		n.a.
T 27	1 59	8 45	3 14	11 10	2 16	7 54	0 10	18 58	1 19	23 23	0 25	22 49	0 12	21 35	0 3	22 28	0 26	20 19	16 45	22 18	22 29	7 3		n.a.
W28	1 35	3 42	3 57	10 26	2 12	8 25	0 13	18 45	1 19	23 24	0 25	22 50	0 12	21 35	0 3	22 27	0 26	20 18	16 45	22 19	22 29	7 0		n.a.
T 29	1 12	1s29	4 31	9 40	2 8	8 55	0 16	18 33	1 19	23 25	0 25	22 50	0 12	21 35	0 3	22 27	0 26	20 17	16 45	22 21	22 30	6 57		n.a.
F 30	0 49	6 40	4 53	8 53	2 3	9 25	0 18	18 20	1 20	23 25	0 25	22 51	0 12	21 35	0 3	22 27	0 26	20 17	16 45	22 22	22 30	6 54		n.a.
S 31	0s25	11s38	5s 2	8s 4	1s57	9n55	0n21	18s 7	1s20	23n26	0n25	22n51	0s12	21s34	0s 3	22s27	0s26	20s16	16s45	22s24	22s31	6n51		n.a.

Julian Day Number = 1313132.5, Delta T = 07h39m44s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'21, Lahiri = -19°23'21 Julian Calendar 1 March 1118 BCE == Greg. Calendar 18 Feb. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

APRIL 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 23	29♓55'21	29♎51	16♓13	25♈33	14♒58	15♊33	15♊46	5°R12	21♑54	17♓39	19°R11	18♑33	3♍58	n.a.	S 1
M 2	11 57 20	0♈53'08	12♏17	18° 9	26°46	15°44	15°40	15°50	5♐12	21°55	17°40	19♑ 1	18°30	4° 5	n.a.	M 2
T 3	12 1 16	1°50'53	24°53	20° 6	27°59	16°29	15°48	15°53	5°11	21°56	17°41	18°54	18°27	4°12	n.a.	T 3
W 4	12 5 13	2°48'37	7♐43	22° 5	29°11	17°15	15°55	15°57	5°10	21°57	17°43	18°49	18°24	4°18	n.a.	W 4
T 5	12 9 9	3°46'20	20°47	24° 6	0♉24	18° 0	16° 3	16° 1	5°10	21°58	17°44	18°47	18°20	4°25	n.a.	T 5
F 6	12 13 6	4°44'02	4♑10	26° 9	1°36	18°46	16°10	16° 5	5° 9	21°59	17°45	18°D46	18°17	4°32	n.a.	F 6
S 7	12 17 2	5°41'42	17°53	28°13	2°49	19°31	16°18	16° 9	5° 8	22° 0	17°47	18°R46	18°14	4°38	n.a.	S 7
S 8	12 20 59	6°39'22	1♒58	0♈19	4° 1	20°16	16°26	16°13	5° 7	22° 1	17°48	18°46	18°11	4°45	n.a.	S 8
M 9	12 24 56	7°37'00	16°24	2°26	5°14	21° 2	16°34	16°18	5° 6	22° 2	17°49	18°44	18° 8	4°52	n.a.	M 9
T 10	12 28 52	8°34'36	1♓10	4°34	6°26	21°47	16°42	16°22	5° 5	22° 2	17°51	18°39	18° 5	4°59	n.a.	T 10
W11	12 32 49	9°32'12	16° 9	6°43	7°38	22°32	16°51	16°26	5° 4	22° 3	17°52	18°32	18° 1	5° 5	n.a.	W11
T 12	12 36 45	10°29'46	1♈13	8°53	8°50	23°17	16°59	16°31	5° 3	22° 4	17°53	18°22	17°58	5°12	n.a.	T 12
F 13	12 40 42	11°27'20	16°13	11° 4	10° 3	24° 2	17° 8	16°35	5° 2	22° 5	17°55	18°11	17°55	5°19	n.a.	F 13
S 14	12 44 38	12°24'51	0♉59	13°15	11°15	24°47	17°16	16°40	5° 1	22° 6	17°56	18° 0	17°52	5°25	n.a.	S 14
S 15	12 48 35	13°22'22	15°23	15°26	12°27	25°32	17°25	16°45	5° 0	22° 6	17°57	17°50	17°49	5°32	n.a.	S 15
M16	12 52 31	14°19'51	29°20	17°37	13°39	26°17	17°34	16°50	4°59	22° 7	17°59	17°43	17°46	5°39	n.a.	M16
T 17	12 56 28	15°17'19	12♊48	19°48	14°51	27° 2	17°43	16°55	4°57	22° 8	18° 0	17°38	17°42	5°45	n.a.	T 17
W18	13 0 25	16°14'45	25°49	21°58	16° 3	27°47	17°52	17° 0	4°56	22° 8	18° 1	17°35	17°39	5°52	n.a.	W18
T 19	13 4 21	17°12'10	8♋25	24° 7	17°15	28°31	18° 1	17° 5	4°55	22° 9	18° 2	17°34	17°36	5°59	n.a.	T 19
F 20	13 8 18	18° 9'34	20°42	26°15	18°27	29°16	18°11	17°10	4°53	22° 9	18° 4	17°34	17°33	6° 5	n.a.	F 20
S 21	13 12 14	19° 6'56	2♌44	28°21	19°39	0♓ 1	18°20	17°15	4°52	22°10	18° 5	17°33	17°30	6°12	n.a.	S 21
S 22	13 16 11	20° 4'17	14°37	0♉26	20°50	0°45	18°29	17°20	4°51	22°10	18° 6	17°32	17°26	6°19	n.a.	S 22
M23	13 20 7	21° 1'36	26°27	2°29	22° 2	1°30	18°39	17°26	4°49	22°11	18° 7	17°28	17°23	6°26	n.a.	M23
T 24	13 24 4	21°58'55	8♍16	4°30	23°14	2°14	18°49	17°31	4°48	22°11	18° 8	17°21	17°20	6°32	n.a.	T 24
W25	13 28 0	22°56'12	20°10	6°28	24°25	2°59	18°59	17°36	4°46	22°11	18°10	17°12	17°17	6°39	n.a.	W25
T 26	13 31 57	23°53'28	2♎11	8°25	25°37	3°43	19° 8	17°42	4°44	22°12	18°11	17° 1	17°14	6°46	n.a.	T 26
F 27	13 35 54	24°50'43	14°20	10°19	26°48	4°27	19°18	17°48	4°43	22°12	18°12	16°48	17°11	6°52	n.a.	F 27
S 28	13 39 50	25°47'57	26°40	12°10	28° 0	5°12	19°29	17°53	4°41	22°12	18°13	16°35	17° 7	6°59	n.a.	S 28
S 29	13 43 47	26°45'10	9♏11	13°59	29°11	5°56	19°39	17°59	4°39	22°13	18°14	16°23	17° 4	7° 6	n.a.	S 29
M30	13 47 43	27♈42'23	21♏52	15♉46	0♊23	6♓40	19♊49	18♊ 5	4♐38	22♑13	18♓15	16♑12	17♑ 1	7♍12	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 2	16s13	4s57	7s13	1s51	10n24	0n24	17s53	1s21	23n27	0n25	22n52	0s11	21s34	0s 3	22s27	0s26	20s16	16s45	22s26	22s31	6n48		n.a.
M 2	0n21	20 10	4 38	6 21	1 44	10 54	0 27	17 40	1 21	23 28	0 25	22 52	0 11	21 34	0 3	22 27	0 26	20 15	16 45	22 27	22 32	6 45		n.a.
T 3	0 45	23 15	4 5	5 28	1 37	11 23	0 29	17 26	1 21	23 29	0 25	22 53	0 11	21 34	0 3	22 26	0 26	20 15	16 45	22 28	22 32	6 42		n.a.
W 4	1 8	25 14	3 19	4 33	1 29	11 52	0 32	17 13	1 22	23 30	0 26	22 53	0 11	21 34	0 4	22 26	0 26	20 15	16 45	22 29	22 33	6 39		n.a.
T 5	1 31	25 52	2 23	3 37	1 21	12 20	0 35	16 59	1 22	23 30	0 26	22 54	0 11	21 34	0 4	22 26	0 26	20 14	16 45	22 29	22 33	6 36		n.a.
F 6	1 55	25 2	1 17	2 40	1 12	12 49	0 38	16 45	1 22	23 31	0 26	22 54	0 11	21 34	0 4	22 26	0 26	20 14	16 45	22 29	22 33	6 33		n.a.
S 7	2 18	22 41	0 5	1 41	1 3	13 17	0 40	16 30	1 22	23 32	0 26	22 55	0 11	21 34	0 4	22 26	0 26	20 13	16 45	22 29	22 34	6 30		n.a.
S 8	2 41	18 55	1n 9	0 42	0 54	13 44	0 43	16 16	1 23	23 33	0 26	22 56	0 11	21 34	0 4	22 26	0 26	20 13	16 45	22 29	22 34	6 27		n.a.
M 9	3 4	13 56	2 21	0n18	0 44	14 12	0 46	16 2	1 23	23 34	0 26	22 56	0 11	21 33	0 4	22 26	0 26	20 12	16 46	22 30	22 35	6 24		n.a.
T 10	3 27	8 4	3 24	1 19	0 34	14 39	0 49	15 47	1 23	23 35	0 26	22 57	0 10	21 33	0 4	22 26	0 26	20 12	16 46	22 30	22 35	6 21		n.a.
W11	3 50	1 39	4 15	2 21	0 24	15 5	0 51	15 32	1 24	23 36	0 26	22 57	0 10	21 33	0 4	22 25	0 26	20 11	16 46	22 31	22 36	6 18		n.a.
T 12	4 13	4n52	4 47	3 22	0 13	15 32	0 54	15 18	1 24	23 37	0 26	22 58	0 10	21 33	0 4	22 25	0 26	20 11	16 46	22 33	22 36	6 15		n.a.
F 13	4 36	11 5	5 0	4 24	0 3	15 58	0 57	15 3	1 24	23 37	0 26	22 58	0 10	21 33	0 4	22 25	0 26	20 11	16 46	22 34	22 36	6 12		n.a.
S 14	4 59	16 34	4 53	5 26	0n 8	16 23	0 59	14 48	1 24	23 38	0 26	22 59	0 10	21 32	0 4	22 25	0 26	20 10	16 46	22 36	22 37	6 9		n.a.
S 15	5 22	20 57	4 27	6 27	0 18	16 48	1 2	14 32	1 25	23 39	0 26	23 0	0 10	21 32	0 4	22 25	0 26	20 10	16 46	22 37	22 37	6 6		n.a.
M16	5 44	24 0	3 46	7 28	0 29	17 13	1 4	14 17	1 25	23 40	0 26	23 0	0 10	21 32	0 4	22 25	0 27	20 9	16 46	22 38	22 38	6 3		n.a.
T 17	6 7	25 33	2 53	8 28	0 39	17 37	1 7	14 2	1 25	23 41	0 26	23 1	0 10	21 32	0 4	22 25	0 27	20 9	16 47	22 39	22 38	6 0		n.a.
W18	6 29	25 38	1 52	9 27	0 49	18 1	1 9	13 46	1 25	23 42	0 26	23 1	0 10	21 32	0 4	22 25	0 27	20 9	16 47	22 39	22 39	5 57		n.a.
T 19	6 52	24 22	0 48	10 24	0 59	18 24	1 12	13 31	1 26	23 43	0 26	23 2	0 9	21 31	0 4	22 25	0 27	20 8	16 47	22 39	22 39	5 54		n.a.
F 20	7 14	21 56	0s17	11 21	1 8	18 47	1 14	13 15	1 26	23 44	0 26	23 3	0 9	21 31	0 4	22 25	0 27	20 8	16 47	22 39	22 39	5 50		n.a.
S 21	7 36	18 35	1 19	12 15	1 17	19 10	1 17	12 59	1 26	23 45	0 26	23 3	0 9	21 31	0 4	22 25	0 27	20 7	16 47	22 39	22 40	5 47		n.a.
S 22	7 58	14 31	2 18	13 8	1 25	19 32	1 19	12 43	1 26	23 45	0 26	23 4	0 9	21 31	0 4	22 25	0 27	20 7	16 47	22 40	22 40	5 44		n.a.
M23	8 20	9 56	3 10	13 59	1 33	19 53	1 21	12 27	1 26	23 46	0 26	23 4	0 9	21 30	0 4	22 25	0 27	20 7	16 47	22 40	22 41	5 41		n.a.
T 24	8 42	4 59	3 54	14 48	1 40	20 14	1 24	12 11	1 27	23 47	0 26	23 5	0 9	21 30	0 4	22 24	0 27	20 7	16 48	22 41	22 41	5 38		n.a.
W25	9 4	0s 8	4 28	15 35	1 47	20 34	1 26	11 55	1 27	23 48	0 26	23 6	0 9	21 30	0 4	22 24	0 27	20 6	16 48	22 42	22 41	5 35		n.a.
T 26	9 25	5 18	4 50	16 19	1 53	20 54	1 28	11 39	1 27	23 49	0 27	23 6	0 9	21 30	0 4	22 24	0 27	20 6	16 48	22 44	22 42	5 32		n.a.
F 27	9 46	10 20	5 0	17 1	1 58	21 13	1 30	11 23	1 27	23 50	0 27	23 7	0 9	21 29	0 4	22 24	0 27	20 6	16 48	22 45	22 42	5 29		n.a.
S 28	10 8	15 1	4 56	17 41	2 3	21 32	1 32	11 6	1 27	23 51	0 27	23 8	0 8	21 29	0 4	22 24	0 27	20 5	16 48	22 47	22 43	5 26		n.a.
S 29	10 29	19 9	4 37	18 19	2 7	21 50	1 34	10 50	1 27	23 52	0 27	23 8	0 8	21 29	0 4	22 24	0 27	20 5	16 49	22 48	22 43	5 23		n.a.
M30	10n50	22s28	4s 5	18n54	2n10	22n 8	1n36	10s33	1s27	23n52	0n27	23n 9	0s 8	21s28	0s 4	22s24	0s27	20s 5	16s49	22s50	22s44	5n20		n.a.

Julian Day Number = 1313163.5, Delta T = 07h39m43s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'17, Lahiri = -19°23'17 Julian Calendar 1 Apr. 1118 BCE == Greg. Calendar 21 March 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

MAY 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 40	28♈39'35	4♐44	17♉30	1♊34	7♓24	19♊59	18♊11	4°R36	22♑13	18♓16	16°R 4	16♑58	7♍19	n.a.	T 1
W 2	13 55 36	29°36'46	17°48	19°11	2°45	8° 8	20°10	18°17	4♐34	22°13	18°17	15♑59	16°55	7°26	n.a.	W 2
T 3	13 59 33	0♉33'57	1♑ 4	20°50	3°56	8°52	20°20	18°23	4°32	22°13	18°19	15°56	16°52	7°32	n.a.	T 3
F 4	14 3 29	1°31'07	14°33	22°26	5° 7	9°36	20°31	18°29	4°30	22°13	18°20	15°D55	16°48	7°39	n.a.	F 4
S 5	14 7 26	2°28'18	28°17	23°59	6°18	10°20	20°41	18°35	4°28	22°13	18°21	15°R55	16°45	7°46	n.a.	S 5
S 6	14 11 23	3°25'27	12♒15	25°30	7°29	11° 3	20°52	18°41	4°27	22°R13	18°22	15°55	16°42	7°53	n.a.	S 6
M 7	14 15 19	4°22'37	26°29	26°58	8°40	11°47	21° 3	18°47	4°25	22°13	18°23	15°54	16°39	7°59	n.a.	M 7
T 8	14 19 16	5°19'46	10♓57	28°23	9°51	12°31	21°14	18°53	4°23	22°13	18°24	15°50	16°36	8° 6	n.a.	T 8
W 9	14 23 12	6°16'55	25°35	29°45	11° 2	13°14	21°25	19° 0	4°21	22°13	18°25	15°43	16°32	8°13	n.a.	W 9
T 10	14 27 9	7°14'04	10♈17	1♊ 5	12°13	13°58	21°36	19° 6	4°18	22°13	18°26	15°35	16°29	8°19	n.a.	T 10
F 11	14 31 5	8°11'12	24°56	2°21	13°24	14°41	21°47	19°12	4°16	22°13	18°27	15°25	16°26	8°26	n.a.	F 11
S 12	14 35 2	9° 8'20	9♉26	3°35	14°34	15°25	21°58	19°19	4°14	22°13	18°28	15°15	16°23	8°33	n.a.	S 12
S 13	14 38 59	10° 5'28	23°37	4°46	15°45	16° 8	22°10	19°26	4°12	22°13	18°29	15° 6	16°20	8°39	n.a.	S 13
M14	14 42 55	11° 2'35	7♊27	5°54	16°55	16°51	22°21	19°32	4°10	22°12	18°30	14°59	16°17	8°46	n.a.	M14
T 15	14 46 52	11°59'42	20°52	6°58	18° 6	17°34	22°32	19°39	4° 8	22°12	18°31	14°54	16°13	8°53	n.a.	T 15
W16	14 50 48	12°56'49	3♋52	8° 0	19°16	18°17	22°44	19°45	4° 6	22°12	18°31	14°52	16°10	8°59	n.a.	W16
T 17	14 54 45	13°53'55	16°30	8°58	20°26	19° 0	22°55	19°52	4° 3	22°12	18°32	14°D51	16° 7	9° 6	n.a.	T 17
F 18	14 58 41	14°51'00	28°48	9°53	21°37	19°43	23° 7	19°59	4° 1	22°11	18°33	14°52	16° 4	9°13	n.a.	F 18
S 19	15 2 38	15°48'05	10♌53	10°44	22°47	20°26	23°19	20° 6	3°59	22°11	18°34	14°R52	16° 1	9°20	n.a.	S 19
S 20	15 6 34	16°45'10	22°48	11°32	23°57	21° 9	23°30	20°13	3°57	22°10	18°35	14°52	15°57	9°26	n.a.	S 20
M21	15 10 31	17°42'14	4♍39	12°16	25° 7	21°51	23°42	20°19	3°54	22°10	18°36	14°51	15°54	9°33	n.a.	M21
T 22	15 14 28	18°39'18	16°31	12°56	26°17	22°34	23°54	20°26	3°52	22° 9	18°36	14°47	15°51	9°40	n.a.	T 22
W23	15 18 24	19°36'22	28°28	13°33	27°27	23°16	24° 6	20°33	3°50	22° 9	18°37	14°41	15°48	9°46	n.a.	W23
T 24	15 22 21	20°33'25	10♎34	14° 5	28°36	23°59	24°18	20°40	3°48	22° 8	18°38	14°33	15°45	9°53	n.a.	T 24
F 25	15 26 17	21°30'28	22°52	14°33	29°46	24°41	24°30	20°47	3°45	22° 8	18°39	14°25	15°42	10° 0	n.a.	F 25
S 26	15 30 14	22°27'32	5♏24	14°57	0♋55	25°23	24°42	20°55	3°43	22° 7	18°39	14°15	15°38	10° 6	n.a.	S 26
S 27	15 34 10	23°24'35	18°10	15°17	2° 5	26° 6	24°54	21° 2	3°40	22° 6	18°40	14° 7	15°35	10°13	n.a.	S 27
M28	15 38 7	24°21'38	1♐10	15°32	3°14	26°48	25° 6	21° 9	3°38	22° 6	18°41	13°59	15°32	10°20	n.a.	M28
T 29	15 42 3	25°18'42	14°23	15°42	4°24	27°30	25°18	21°16	3°36	22° 5	18°41	13°54	15°29	10°27	n.a.	T 29
W30	15 46 0	26°15'46	27°48	15°48	5°33	28°12	25°31	21°23	3°33	22° 4	18°42	13°51	15°26	10°33	n.a.	W30
T 31	15 49 57	27♉12'51	11♑24	15°R49	6♋42	28♓54	25♊43	21♊30	3♐31	22♑ 4	18♓43	13°D49	15♑23	10♍40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n10	24s42	3s19	19n27	2n13	22n25	1n38	10s17	1s28	23n53	0n27	23n 9	0s 8	21s28	0s 4	22s24	0s27	20s 5	16s49	22s51	22s44	5n17			n.a.
W 2	11 31	25 38	2 23	19 57	2 14	22 41	1 40	10 0	1 28	23 54	0 27	23 10	0 8	21 28	0 4	22 24	0 27	20 4	16 49	22 51	22 44	5 14			n.a.
T 3	11 51	25 7	1 18	20 26	2 15	22 57	1 42	9 44	1 28	23 55	0 27	23 11	0 8	21 27	0 4	22 24	0 27	20 4	16 49	22 52	22 45	5 11			n.a.
F 4	12 12	23 8	0 7	20 52	2 16	23 12	1 44	9 27	1 28	23 56	0 27	23 11	0 8	21 27	0 4	22 24	0 27	20 4	16 50	22 52	22 45	5 8			n.a.
S 5	12 32	19 47	1n 5	21 15	2 15	23 27	1 46	9 10	1 28	23 57	0 27	23 12	0 8	21 27	0 4	22 24	0 27	20 4	16 50	22 52	22 46	5 5			n.a.
S 6	12 51	15 15	2 15	21 37	2 14	23 41	1 47	8 53	1 28	23 57	0 27	23 13	0 8	21 26	0 4	22 24	0 27	20 3	16 50	22 52	22 46	5 2			n.a.
M 7	13 11	9 48	3 18	21 56	2 12	23 54	1 49	8 36	1 28	23 58	0 27	23 13	0 8	21 26	0 4	22 24	0 27	20 3	16 50	22 52	22 46	4 59			n.a.
T 8	13 31	3 45	4 9	22 14	2 10	24 6	1 50	8 20	1 28	23 59	0 27	23 14	0 7	21 26	0 4	22 24	0 27	20 3	16 51	22 52	22 47	4 56			n.a.
W 9	13 50	2n33	4 44	22 29	2 7	24 18	1 52	8 3	1 28	24 0	0 27	23 15	0 7	21 25	0 4	22 25	0 27	20 3	16 51	22 53	22 47	4 53			n.a.
T 10	14 9	8 44	5 1	22 42	2 3	24 30	1 53	7 46	1 28	24 1	0 27	23 15	0 7	21 25	0 4	22 25	0 27	20 3	16 51	22 54	22 48	4 50			n.a.
F 11	14 28	14 25	4 58	22 54	1 58	24 40	1 54	7 29	1 28	24 1	0 27	23 16	0 7	21 24	0 4	22 25	0 27	20 2	16 51	22 55	22 48	4 47			n.a.
S 12	14 46	19 13	4 36	23 3	1 52	24 50	1 56	7 12	1 28	24 2	0 27	23 16	0 7	21 24	0 4	22 25	0 27	20 2	16 52	22 56	22 48	4 44			n.a.
S 13	15 5	22 48	3 57	23 11	1 46	24 59	1 57	6 55	1 28	24 3	0 27	23 17	0 7	21 24	0 4	22 25	0 27	20 2	16 52	22 57	22 49	4 41			n.a.
M14	15 23	24 57	3 5	23 16	1 39	25 8	1 58	6 37	1 28	24 4	0 27	23 18	0 7	21 23	0 4	22 25	0 27	20 2	16 52	22 58	22 49	4 38			n.a.
T 15	15 41	25 35	2 4	23 20	1 32	25 15	1 59	6 20	1 28	24 4	0 27	23 18	0 7	21 23	0 4	22 25	0 27	20 2	16 52	22 59	22 49	4 35			n.a.
W16	15 59	24 45	0 58	23 23	1 24	25 22	2 0	6 3	1 28	24 5	0 28	23 19	0 7	21 23	0 4	22 25	0 27	20 2	16 53	22 59	22 50	4 32			n.a.
T 17	16 16	22 39	0s 9	23 23	1 15	25 29	2 0	5 46	1 28	24 6	0 28	23 20	0 7	21 22	0 4	22 25	0 27	20 2	16 53	22 59	22 50	4 29			n.a.
F 18	16 33	19 32	1 14	23 22	1 6	25 34	2 1	5 29	1 28	24 6	0 28	23 20	0 6	21 22	0 4	22 25	0 27	20 2	16 53	22 59	22 51	4 26			n.a.
S 19	16 50	15 38	2 15	23 20	0 56	25 39	2 2	5 12	1 28	24 7	0 28	23 21	0 6	21 21	0 4	22 25	0 27	20 1	16 53	22 59	22 51	4 23			n.a.
S 20	17 7	11 10	3 9	23 16	0 45	25 44	2 2	4 55	1 28	24 8	0 28	23 21	0 6	21 21	0 4	22 25	0 27	20 1	16 54	22 59	22 51	4 20			n.a.
M21	17 23	6 20	3 54	23 11	0 33	25 47	2 3	4 38	1 28	24 8	0 28	23 22	0 6	21 20	0 4	22 25	0 27	20 1	16 54	22 59	22 52	4 17			n.a.
T 22	17 39	1 17	4 30	23 5	0 22	25 50	2 3	4 20	1 28	24 9	0 28	23 23	0 6	21 20	0 4	22 26	0 27	20 1	16 54	23 0	22 52	4 14			n.a.
W23	17 55	3s51	4 54	22 57	0 9	25 52	2 4	4 3	1 28	24 10	0 28	23 23	0 6	21 20	0 4	22 26	0 28	20 1	16 55	23 0	22 53	4 11			n.a.
T 24	18 11	8 54	5 5	22 48	0s 4	25 53	2 4	3 46	1 28	24 10	0 28	23 24	0 6	21 19	0 4	22 26	0 28	20 1	16 55	23 1	22 53	4 8			n.a.
F 25	18 26	13 42	5 2	22 38	0 17	25 54	2 4	3 29	1 28	24 11	0 28	23 24	0 6	21 19	0 4	22 26	0 28	20 1	16 55	23 2	22 53	4 5			n.a.
S 26	18 41	18 0	4 45	22 27	0 31	25 54	2 4	3 12	1 28	24 11	0 28	23 25	0 6	21 18	0 4	22 26	0 28	20 1	16 56	23 3	22 54	4 2			n.a.
S 27	18 56	21 34	4 14	22 14	0 46	25 53	2 4	2 55	1 28	24 12	0 28	23 26	0 6	21 18	0 4	22 26	0 28	20 1	16 56	23 4	22 54	3 59			n.a.
M28	19 10	24 8	3 29	22 1	1 1	25 51	2 4	2 38	1 27	24 12	0 28	23 26	0 5	21 17	0 4	22 26	0 28	20 1	16 56	23 5	22 54	3 56			n.a.
T 29	19 24	25 25	2 32	21 48	1 16	25 49	2 4	2 21	1 27	24 13	0 28	23 27	0 5	21 17	0 4	22 26	0 28	20 1	16 56	23 5	22 55	3 53			n.a.
W30	19 38	25 14	1 25	21 33	1 31	25 46	2 3	2 3	1 27	24 13	0 28	23 27	0 5	21 16	0 4	22 27	0 28	20 1	16 57	23 6	22 55	3 50			n.a.
T 31	19n51	23s33	0s13	21n18	1s46	25n42	2n 3	1s46	1s27	24n14	0n28	23n28	0s 5	21s16	0s 4	22s27	0s28	20s 1	16s57	23s 6	22s56	3n47			n.a.

Julian Day Number = 1313193.5, Delta T = 07h39m41s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'13, Lahiri = -19°23'13 Julian Calendar 1 May 1118 BCE == Greg. Calendar 20 Apr. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

JUNE 1118 BCE (-1117) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 53 53	28♉ 9'55	25♋10	15°R45	7♋51	29♓35	25♊55	21♊38	3°R29	22°R 3	18♓43	13♋50	15♋19	10♍47	n.a.	F 1
S 2	15 57 50	29° 7'01	9♒ 5	15♊37	9° 0	0♈17	26° 8	21°45	3♐26	22♋ 2	18°44	13°51	15°16	10°53	n.a.	S 2
S 3	16 1 46	0♊ 4'07	23° 8	15°24	10° 9	0°59	26°20	21°52	3°24	22° 1	18°44	13°52	15°13	11° 0	n.a.	S 3
M 4	16 5 43	1° 1'13	7♓18	15° 6	11°17	1°40	26°33	22° 0	3°21	22° 0	18°45	13°R52	15°10	11° 7	n.a.	M 4
T 5	16 9 39	1°58'21	21°34	14°45	12°26	2°22	26°45	22° 7	3°19	21°59	18°46	13°51	15° 7	11°13	n.a.	T 5
W 6	16 13 36	2°55'29	5♈52	14°19	13°35	3° 3	26°58	22°15	3°16	21°59	18°46	13°47	15° 3	11°20	n.a.	W 6
T 7	16 17 33	3°52'37	20°10	13°49	14°43	3°44	27°10	22°22	3°14	21°58	18°47	13°42	15° 0	11°27	n.a.	T 7
F 8	16 21 29	4°49'47	4♉23	13°17	15°51	4°25	27°23	22°30	3°12	21°57	18°47	13°37	14°57	11°34	n.a.	F 8
S 9	16 25 26	5°46'57	18°26	12°41	17° 0	5° 6	27°36	22°37	3° 9	21°56	18°47	13°31	14°54	11°40	n.a.	S 9
S 10	16 29 22	6°44'08	2♊15	12° 3	18° 8	5°47	27°48	22°45	3° 7	21°55	18°48	13°26	14°51	11°47	n.a.	S 10
M11	16 33 19	7°41'20	15°47	11°24	19°16	6°28	28° 1	22°52	3° 4	21°54	18°48	13°21	14°48	11°54	n.a.	M11
T 12	16 37 15	8°38'32	29° 0	10°43	20°24	7° 9	28°14	23° 0	3° 2	21°52	18°49	13°19	14°44	12° 0	n.a.	T 12
W13	16 41 12	9°35'45	11♋52	10° 2	21°31	7°50	28°27	23° 7	3° 0	21°51	18°49	13°D18	14°41	12° 7	n.a.	W13
T 14	16 45 9	10°32'59	24°26	9°21	22°39	8°30	28°39	23°15	2°57	21°50	18°49	13°19	14°38	12°14	n.a.	T 14
F 15	16 49 5	11°30'12	6♌43	8°42	23°46	9°11	28°52	23°22	2°55	21°49	18°50	13°20	14°35	12°20	n.a.	F 15
S 16	16 53 2	12°27'27	18°48	8° 4	24°54	9°51	29° 5	23°30	2°52	21°48	18°50	13°22	14°32	12°27	n.a.	S 16
S 17	16 56 58	13°24'42	0♍44	7°29	26° 1	10°31	29°18	23°38	2°50	21°47	18°50	13°23	14°29	12°34	n.a.	S 17
M18	17 0 55	14°21'57	12°36	6°56	27° 8	11°12	29°31	23°45	2°48	21°46	18°51	13°R24	14°25	12°41	n.a.	M18
T 19	17 4 51	15°19'13	24°29	6°28	28°15	11°52	29°44	23°53	2°45	21°44	18°51	13°23	14°22	12°47	n.a.	T 19
W20	17 8 48	16°16'30	6♎28	6° 4	29°22	12°32	29°57	24° 1	2°43	21°43	18°51	13°22	14°19	12°54	n.a.	W20
T 21	17 12 44	17°13'47	18°37	5°45	0♌28	13°11	0♋10	24° 8	2°41	21°42	18°51	13°19	14°16	13° 1	n.a.	T 21
F 22	17 16 41	18°11'05	1♏ 0	5°31	1°35	13°51	0°23	24°16	2°38	21°41	18°51	13°16	14°13	13° 7	n.a.	F 22
S 23	17 20 38	19° 8'24	13°39	5°22	2°41	14°31	0°36	24°24	2°36	21°39	18°52	13°12	14° 9	13°14	n.a.	S 23
S 24	17 24 34	20° 5'44	26°37	5°D20	3°47	15°10	0°49	24°31	2°34	21°38	18°52	13° 8	14° 6	13°21	n.a.	S 24
M25	17 28 31	21° 3'05	9♐53	5°23	4°53	15°50	1° 2	24°39	2°32	21°37	18°52	13° 5	14° 3	13°27	n.a.	M25
T 26	17 32 27	22° 0'27	23°27	5°33	5°59	16°29	1°15	24°47	2°29	21°35	18°52	13° 3	14° 0	13°34	n.a.	T 26
W27	17 36 24	22°57'50	7♑17	5°49	7° 5	17° 8	1°28	24°54	2°27	21°34	18°52	13°D 3	13°57	13°41	n.a.	W27
T 28	17 40 20	23°55'14	21°19	6°12	8°10	17°47	1°41	25° 2	2°25	21°32	18°52	13° 3	13°54	13°48	n.a.	T 28
F 29	17 44 17	24°52'40	5♒30	6°41	9°16	18°26	1°54	25°10	2°23	21°31	18°52	13° 3	13°50	13°54	n.a.	F 29
S 30	17 48 13	25♊50'07	19♒47	7♊17	10♌21	19♈ 5	2♋ 8	25♊18	2♐21	21♋30	18°R52	13♋ 5	13♋47	14♍ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 4	20s27	1n 1	21n 2	2s 2	25n37	2n 2	1s29	1s27	24n14	0n28	23n28	0s 5	21s16	0s 4	22s27	0s28	20s 1	16s57	23s 6	22s56	3n44		n.a.
S 2	20 17	16 9	2 12	20 46	2 17	25 32	2 1	1 12	1 27	24 15	0 29	23 29	0 5	21 15	0 4	22 27	0 28	20 1	16 58	23 6	22 56	3 41		n.a.
S 3	20 30	10 56	3 16	20 29	2 32	25 26	2 1	0 55	1 26	24 15	0 29	23 30	0 5	21 15	0 4	22 27	0 28	20 1	16 58	23 6	22 57	3 38		n.a.
M 4	20 42	5 7	4 9	20 12	2 47	25 20	2 0	0 39	1 26	24 16	0 29	23 30	0 5	21 14	0 4	22 27	0 28	20 1	16 58	23 6	22 57	3 35		n.a.
T 5	20 54	0n59	4 47	19 56	3 2	25 12	1 59	0 22	1 26	24 16	0 29	23 31	0 5	21 14	0 4	22 27	0 28	20 1	16 59	23 6	22 57	3 32		n.a.
W 6	21 5	7 3	5 7	19 39	3 16	25 5	1 58	0 5	1 26	24 16	0 29	23 31	0 5	21 13	0 4	22 28	0 28	20 2	16 59	23 6	22 58	3 28		n.a.
T 7	21 16	12 44	5 8	19 22	3 29	24 56	1 57	0n12	1 26	24 17	0 29	23 32	0 5	21 13	0 4	22 28	0 28	20 2	16 59	23 7	22 58	3 25		n.a.
F 8	21 27	17 43	4 50	19 6	3 42	24 47	1 55	0 29	1 26	24 17	0 29	23 32	0 4	21 12	0 4	22 28	0 28	20 2	17 0	23 7	22 58	3 22		n.a.
S 9	21 37	21 40	4 14	18 50	3 53	24 37	1 54	0 46	1 25	24 17	0 29	23 33	0 4	21 12	0 4	22 28	0 28	20 2	17 0	23 8	22 59	3 19		n.a.
S 10	21 47	24 17	3 25	18 35	4 3	24 26	1 52	1 2	1 25	24 18	0 29	23 33	0 4	21 11	0 4	22 28	0 28	20 2	17 0	23 8	22 59	3 16		n.a.
M11	21 57	25 27	2 24	18 21	4 12	24 15	1 51	1 19	1 25	24 18	0 29	23 34	0 4	21 11	0 4	22 29	0 28	20 2	17 1	23 9	23 0	3 13		n.a.
T 12	22 6	25 7	1 17	18 8	4 20	24 3	1 49	1 35	1 25	24 18	0 29	23 34	0 4	21 10	0 4	22 29	0 28	20 2	17 1	23 9	23 0	3 10		n.a.
W13	22 15	23 25	0 8	17 56	4 26	23 50	1 47	1 52	1 24	24 18	0 29	23 35	0 4	21 10	0 4	22 29	0 28	20 2	17 1	23 9	23 0	3 7		n.a.
T 14	22 24	20 35	1s 0	17 46	4 30	23 37	1 45	2 8	1 24	24 19	0 29	23 35	0 4	21 10	0 4	22 29	0 28	20 3	17 2	23 9	23 1	3 4		n.a.
F 15	22 32	16 53	2 5	17 37	4 33	23 23	1 43	2 25	1 24	24 19	0 29	23 36	0 4	21 9	0 4	22 29	0 28	20 3	17 2	23 9	23 1	3 1		n.a.
S 16	22 39	12 33	3 2	17 30	4 34	23 9	1 41	2 41	1 24	24 19	0 30	23 36	0 4	21 9	0 4	22 30	0 28	20 3	17 2	23 9	23 1	2 58		n.a.
S 17	22 47	7 48	3 51	17 25	4 34	22 54	1 39	2 58	1 23	24 19	0 30	23 37	0 4	21 8	0 4	22 30	0 28	20 3	17 3	23 9	23 2	2 55		n.a.
M18	22 54	2 48	4 30	17 22	4 31	22 39	1 36	3 14	1 23	24 19	0 30	23 37	0 4	21 8	0 4	22 30	0 28	20 3	17 3	23 9	23 2	2 52		n.a.
T 19	23 0	2s18	4 57	17 21	4 28	22 23	1 34	3 30	1 23	24 19	0 30	23 38	0 3	21 7	0 4	22 30	0 28	20 4	17 3	23 9	23 2	2 49		n.a.
W20	23 6	7 21	5 11	17 22	4 22	22 6	1 31	3 46	1 22	24 20	0 30	23 38	0 3	21 7	0 4	22 30	0 28	20 4	17 4	23 9	23 3	2 46		n.a.
T 21	23 12	12 12	5 12	17 25	4 16	21 49	1 28	4 2	1 22	24 20	0 30	23 38	0 3	21 6	0 4	22 31	0 28	20 4	17 4	23 9	23 3	2 43		n.a.
F 22	23 18	16 40	4 59	17 30	4 8	21 31	1 26	4 18	1 22	24 20	0 30	23 39	0 3	21 6	0 4	22 31	0 28	20 4	17 4	23 9	23 3	2 40		n.a.
S 23	23 23	20 29	4 31	17 38	3 58	21 13	1 23	4 34	1 21	24 20	0 30	23 39	0 3	21 5	0 4	22 31	0 28	20 5	17 5	23 10	23 4	2 37		n.a.
S 24	23 27	23 24	3 48	17 48	3 48	20 54	1 20	4 50	1 21	24 20	0 30	23 40	0 3	21 5	0 4	22 31	0 28	20 5	17 5	23 10	23 4	2 34		n.a.
M25	23 31	25 8	2 52	18 0	3 37	20 35	1 16	5 5	1 21	24 20	0 30	23 40	0 3	21 5	0 4	22 32	0 28	20 5	17 5	23 10	23 4	2 31		n.a.
T 26	23 35	25 26	1 46	18 13	3 24	20 16	1 13	5 21	1 20	24 20	0 30	23 41	0 3	21 4	0 4	22 32	0 28	20 5	17 6	23 11	23 5	2 28		n.a.
W27	23 38	24 9	0 32	18 29	3 11	19 55	1 10	5 37	1 20	24 20	0 30	23 41	0 3	21 4	0 4	22 32	0 28	20 6	17 6	23 11	23 5	2 25		n.a.
T 28	23 41	21 22	0n46	18 46	2 58	19 35	1 6	5 52	1 19	24 20	0 30	23 41	0 3	21 3	0 4	22 32	0 28	20 6	17 6	23 11	23 5	2 22		n.a.
F 29	23 44	17 15	2 1	19 5	2 44	19 14	1 2	6 8	1 19	24 19	0 31	23 42	0 3	21 3	0 4	22 33	0 28	20 6	17 7	23 11	23 6	2 19		n.a.
S 30	23n46	12s 8	3n 9	19n26	2s29	18n52	0n59	6n23	1s19	24n19	0n31	23n42	0s 2	21s 2	0s 4	22s33	0s28	20s 6	17s 7	23s10	23s 6	2n16		n.a.

Julian Day Number = 1313224.5, Delta T = 07h39m39s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'09, Lahiri = -19°23'08 Julian Calendar 1 June 1118 BCE == Greg. Calendar 21 May 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

JULY 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 10	26♊47'35	4♓ 5	8♊ 0	11♌26	19♈44	2♋21	25♊25	2°R18	21°R28	18°R52	13♑ 6	13♑44	14♍ 8	n.a.	S 1
M 2	17 56 7	27°45'05	18°22	8°48	12°30	20°23	2°34	25°33	2♐16	21♑27	18♓52	13° 6	13°41	14°14	n.a.	M 2
T 3	18 0 3	28°42'36	2♈35	9°43	13°35	21° 1	2°47	25°41	2°14	21°25	18°52	13°R 7	13°38	14°21	n.a.	T 3
W 4	18 4 0	29°40'09	16°42	10°44	14°39	21°40	3° 0	25°48	2°12	21°24	18°52	13° 6	13°35	14°28	n.a.	W 4
T 5	18 7 56	0♋37'44	0♉40	11°51	15°43	22°18	3°13	25°56	2°10	21°22	18°52	13° 5	13°31	14°35	n.a.	T 5
F 6	18 11 53	1°35'20	14°28	13° 4	16°47	22°56	3°27	26° 4	2° 8	21°21	18°52	13° 4	13°28	14°41	n.a.	F 6
S 7	18 15 49	2°32'59	28° 4	14°23	17°51	23°34	3°40	26°11	2° 6	21°19	18°52	13° 2	13°25	14°48	n.a.	S 7
S 8	18 19 46	3°30'38	11♊27	15°46	18°54	24°12	3°53	26°19	2° 4	21°18	18°52	13° 1	13°22	14°55	n.a.	S 8
M 9	18 23 42	4°28'20	24°36	17°15	19°57	24°50	4° 6	26°27	2° 2	21°16	18°51	13° 0	13°19	15° 1	n.a.	M 9
T 10	18 27 39	5°26'02	7♋29	18°48	21° 0	25°27	4°19	26°35	2° 0	21°14	18°51	13°D 0	13°15	15° 8	n.a.	T 10
W11	18 31 36	6°23'47	20° 8	20°26	22° 3	26° 5	4°32	26°42	1°58	21°13	18°51	13° 0	13°12	15°15	n.a.	W11
T 12	18 35 32	7°21'32	2♌33	22° 8	23° 6	26°42	4°46	26°50	1°57	21°11	18°51	13° 0	13° 9	15°21	n.a.	T 12
F 13	18 39 29	8°19'19	14°45	23°53	24° 8	27°19	4°59	26°57	1°55	21°10	18°50	13° 1	13° 6	15°28	n.a.	F 13
S 14	18 43 25	9°17'08	26°47	25°41	25°10	27°56	5°12	27° 5	1°53	21° 8	18°50	13° 1	13° 3	15°35	n.a.	S 14
S 15	18 47 22	10°14'58	8♍42	27°32	26°11	28°33	5°25	27°13	1°51	21° 6	18°50	13° 2	13° 0	15°42	n.a.	S 15
M16	18 51 18	11°12'49	20°34	29°25	27°13	29°10	5°38	27°20	1°50	21° 5	18°50	13° 2	12°56	15°48	n.a.	M16
T 17	18 55 15	12°10'42	2♎26	1♋20	28°14	29°47	5°51	27°28	1°48	21° 3	18°49	13° 2	12°53	15°55	n.a.	T 17
W18	18 59 11	13° 8'36	14°24	3°17	29°14	0♉23	6° 4	27°35	1°46	21° 2	18°49	13° 2	12°50	16° 2	n.a.	W18
T 19	19 3 8	14° 6'31	26°32	5°14	0♍15	1° 0	6°18	27°43	1°45	21° 0	18°48	13° 2	12°47	16° 8	n.a.	T 19
F 20	19 7 5	15° 4'28	8♏55	7°13	1°15	1°36	6°31	27°50	1°43	20°58	18°48	13° 2	12°44	16°15	n.a.	F 20
S 21	19 11 1	16° 2'27	21°36	9°12	2°14	2°12	6°44	27°58	1°42	20°57	18°48	13° 2	12°41	16°22	n.a.	S 21
S 22	19 14 58	17° 0'27	4♐38	11°11	3°14	2°48	6°57	28° 5	1°40	20°55	18°47	13° 3	12°37	16°29	n.a.	S 22
M23	19 18 54	17°58'28	18° 3	13°10	4°13	3°23	7°10	28°13	1°39	20°53	18°47	13° 3	12°34	16°35	n.a.	M23
T 24	19 22 51	18°56'32	1♑51	15° 8	5°11	3°59	7°23	28°20	1°37	20°52	18°46	13° 3	12°31	16°42	n.a.	T 24
W25	19 26 47	19°54'37	16° 1	17° 6	6° 9	4°34	7°36	28°27	1°36	20°50	18°46	13°R 4	12°28	16°49	n.a.	W25
T 26	19 30 44	20°52'44	0♒28	19° 4	7° 7	5°10	7°49	28°35	1°35	20°49	18°45	13° 3	12°25	16°55	n.a.	T 26
F 27	19 34 40	21°50'53	15° 6	21° 1	8° 4	5°45	8° 2	28°42	1°33	20°47	18°45	13° 3	12°21	17° 2	n.a.	F 27
S 28	19 38 37	22°49'03	29°50	22°56	9° 1	6°20	8°15	28°49	1°32	20°45	18°44	13° 2	12°18	17° 9	n.a.	S 28
S 29	19 42 34	23°47'16	14♓32	24°51	9°58	6°54	8°28	28°57	1°31	20°44	18°44	13° 0	12°15	17°16	n.a.	S 29
M30	19 46 30	24°45'31	29° 5	26°45	10°54	7°29	8°41	29° 4	1°30	20°42	18°43	12°59	12°12	17°22	n.a.	M30
T 31	19 50 27	25♋43'48	13♈27	28♋38	11♍49	8♉ 3	8♋54	29♊11	1♐29	20♑40	18♓42	12♑58	12♑ 9	17♍29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n47	6s22	4n 6	19n47	2s14	18n31	0n55	6n38	1s18	24n19	0n31	23n42	0s 2	21s 2	0s 4	22s33	0s28	20s 7	17s 7	23s10	23s 6	2n13			n.a.
M 2	23 49	0 17	4 47	20 10	1 59	18 8	0 51	6 53	1 18	24 19	0 31	23 43	0 2	21 2	0 4	22 33	0 28	20 7	17 8	23 10	23 7	2 10			n.a.
T 3	23 49	5n47	5 11	20 33	1 44	17 46	0 47	7 8	1 17	24 19	0 31	23 43	0 2	21 1	0 4	22 34	0 28	20 7	17 8	23 10	23 7	2 7			n.a.
W 4	23 50	11 30	5 15	20 57	1 29	17 23	0 43	7 23	1 17	24 19	0 31	23 44	0 2	21 1	0 4	22 34	0 29	20 8	17 8	23 10	23 7	2 4			n.a.
T 5	23 50	16 35	5 1	21 21	1 14	16 59	0 38	7 38	1 16	24 18	0 31	23 44	0 2	21 0	0 4	22 34	0 29	20 8	17 9	23 10	23 8	2 1			n.a.
F 6	23 49	20 44	4 30	21 46	0 59	16 36	0 34	7 53	1 16	24 18	0 31	23 44	0 2	21 0	0 4	22 34	0 29	20 8	17 9	23 11	23 8	1 58			n.a.
S 7	23 48	23 41	3 44	22 10	0 45	16 12	0 29	8 8	1 15	24 18	0 31	23 44	0 2	21 0	0 4	22 35	0 29	20 9	17 9	23 11	23 8	1 55			n.a.
S 8	23 47	25 16	2 46	22 33	0 30	15 47	0 24	8 22	1 15	24 18	0 31	23 45	0 2	20 59	0 5	22 35	0 29	20 9	17 10	23 11	23 9	1 52			n.a.
M 9	23 45	25 23	1 40	22 56	0 17	15 23	0 20	8 37	1 14	24 17	0 31	23 45	0 2	20 59	0 5	22 35	0 29	20 10	17 10	23 11	23 9	1 49			n.a.
T 10	23 43	24 7	0 30	23 18	0 3	14 58	0 15	8 51	1 14	24 17	0 32	23 45	0 2	20 58	0 5	22 35	0 29	20 10	17 11	23 11	23 9	1 46			n.a.
W11	23 40	21 38	0s39	23 38	0n 9	14 32	0 10	9 5	1 13	24 17	0 32	23 46	0 2	20 58	0 5	22 36	0 29	20 10	17 11	23 11	23 10	1 43			n.a.
T 12	23 37	18 11	1 46	23 57	0 22	14 7	0 5	9 20	1 13	24 16	0 32	23 46	0 1	20 58	0 5	22 36	0 29	20 11	17 11	23 11	23 10	1 40			n.a.
F 13	23 34	14 1	2 47	24 14	0 33	13 41	0s 1	9 34	1 12	24 16	0 32	23 46	0 1	20 57	0 5	22 36	0 29	20 11	17 11	23 11	23 10	1 37			n.a.
S 14	23 30	9 21	3 40	24 29	0 44	13 15	0 6	9 48	1 12	24 15	0 32	23 46	0 1	20 57	0 5	22 37	0 29	20 12	17 12	23 11	23 11	1 34			n.a.
S 15	23 25	4 24	4 22	24 42	0 53	12 49	0 11	10 2	1 11	24 15	0 32	23 47	0 1	20 57	0 5	22 37	0 29	20 12	17 12	23 11	23 11	1 31			n.a.
M16	23 21	0s41	4 53	24 52	1 2	12 22	0 17	10 15	1 11	24 15	0 32	23 47	0 1	20 56	0 5	22 37	0 29	20 12	17 12	23 11	23 11	1 28			n.a.
T 17	23 16	5 44	5 12	25 0	1 11	11 56	0 23	10 29	1 10	24 14	0 32	23 47	0 1	20 56	0 5	22 37	0 29	20 13	17 13	23 11	23 12	1 25			n.a.
W18	23 10	10 37	5 17	25 5	1 18	11 29	0 28	10 42	1 10	24 14	0 32	23 47	0 1	20 56	0 5	22 38	0 29	20 13	17 13	23 11	23 12	1 22			n.a.
T 19	23 4	15 10	5 8	25 8	1 24	11 2	0 34	10 56	1 9	24 13	0 32	23 48	0 1	20 55	0 5	22 38	0 29	20 14	17 13	23 11	23 12	1 19			n.a.
F 20	22 58	19 12	4 45	25 8	1 30	10 35	0 40	11 9	1 8	24 12	0 33	23 48	0 1	20 55	0 5	22 38	0 29	20 14	17 14	23 11	23 12	1 16			n.a.
S 21	22 51	22 27	4 8	25 5	1 35	10 8	0 46	11 22	1 8	24 12	0 33	23 48	0 1	20 55	0 5	22 38	0 29	20 15	17 14	23 11	23 13	1 13			n.a.
S 22	22 44	24 38	3 17	24 59	1 39	9 40	0 52	11 35	1 7	24 11	0 33	23 48	0 1	20 54	0 5	22 39	0 29	20 15	17 14	23 11	23 13	1 10			n.a.
M23	22 36	25 31	2 14	24 52	1 42	9 13	0 59	11 48	1 7	24 11	0 33	23 49	0 0	20 54	0 5	22 39	0 29	20 16	17 15	23 11	23 13	1 7			n.a.
T 24	22 28	24 51	1 2	24 41	1 45	8 45	1 5	12 1	1 6	24 10	0 33	23 49	0 0	20 54	0 5	22 39	0 29	20 16	17 15	23 11	23 14	1 4			n.a.
W25	22 19	22 35	0n16	24 28	1 46	8 18	1 11	12 14	1 5	24 9	0 33	23 49	0 0	20 54	0 5	22 40	0 29	20 16	17 15	23 11	23 14	1 1			n.a.
T 26	22 11	18 50	1 35	24 13	1 47	7 50	1 18	12 26	1 5	24 9	0 33	23 49	0 0	20 53	0 5	22 40	0 29	20 17	17 16	23 11	23 14	0 58			n.a.
F 27	22 1	13 53	2 48	23 56	1 48	7 22	1 25	12 39	1 4	24 8	0 33	23 49	0 0	20 53	0 5	22 40	0 29	20 17	17 16	23 11	23 15	0 55			n.a.
S 28	21 52	8 7	3 51	23 37	1 48	6 54	1 31	12 51	1 3	24 7	0 33	23 49	0n 0	20 53	0 5	22 40	0 29	20 18	17 16	23 11	23 15	0 52			n.a.
S 29	21 42	1 55	4 38	23 15	1 47	6 27	1 38	13 3	1 3	24 7	0 34	23 50	0 0	20 53	0 5	22 41	0 29	20 18	17 16	23 11	23 15	0 49			n.a.
M30	21 31	4n19	5 7	22 52	1 46	5 59	1 45	13 15	1 2	24 6	0 34	23 50	0 0	20 52	0 5	22 41	0 29	20 19	17 17	23 11	23 15	0 46			n.a.
T 31	21n21	10n14	5n16	22n28	1n44	5n31	1s52	13n27	1s 1	24n 5	0n34	23n50	0n 0	20s52	0s 5	22s41	0s29	20s19	17s17	23s11	23s16	0n44			n.a.

Julian Day Number = 1313254.5, Delta T = 07h39m38s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'05, Lahiri = -19°23'04 Julian Calendar 1 July 1118 BCE == Greg. Calendar 20 June 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

AUGUST 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 54 23	26♋42'07	27♈32	0♌30	12♍44	8♉38	9♋ 7	29♊18	1°R28	20°R39	18°R42	12°D58	12♎ 6	17♍36	n.a.	W 1
T 2	19 58 20	27°40'29	11♉21	2°21	13°38	9°12	9°19	29°25	1♐27	20♎37	18♓41	12♎59	12° 2	17°42	n.a.	T 2
F 3	20 2 16	28°38'53	24°52	4°10	14°32	9°46	9°32	29°32	1°26	20°35	18°40	12°59	11°59	17°49	n.a.	F 3
S 4	20 6 13	29°37'19	8♊ 8	5°59	15°26	10°19	9°45	29°39	1°25	20°34	18°40	13° 1	11°56	17°56	n.a.	S 4
S 5	20 10 9	0♌35'48	21° 7	7°46	16°18	10°53	9°58	29°47	1°24	20°32	18°39	13° 2	11°53	18° 3	n.a.	S 5
M 6	20 14 6	1°34'19	3♋54	9°32	17°11	11°26	10°10	29°53	1°23	20°31	18°38	13° 3	11°50	18° 9	n.a.	M 6
T 7	20 18 3	2°32'52	16°27	11°18	18° 2	11°59	10°23	0♋ 0	1°22	20°29	18°38	13°R 3	11°47	18°16	n.a.	T 7
W 8	20 21 59	3°31'27	28°50	13° 2	18°53	12°32	10°36	0° 7	1°22	20°27	18°37	13° 2	11°43	18°23	n.a.	W 8
T 9	20 25 56	4°30'04	11♌ 3	14°45	19°43	13° 5	10°48	0°14	1°21	20°26	18°36	13° 0	11°40	18°29	n.a.	T 9
F 10	20 29 52	5°28'43	23° 7	16°27	20°33	13°37	11° 1	0°21	1°20	20°24	18°35	12°57	11°37	18°36	n.a.	F 10
S 11	20 33 49	6°27'24	5♍ 5	18° 7	21°22	14° 9	11°13	0°28	1°20	20°23	18°34	12°54	11°34	18°43	n.a.	S 11
S 12	20 37 45	7°26'07	16°58	19°47	22°10	14°41	11°26	0°34	1°19	20°21	18°34	12°50	11°31	18°50	n.a.	S 12
M13	20 41 42	8°24'52	28°48	21°26	22°57	15°13	11°38	0°41	1°19	20°19	18°33	12°45	11°27	18°56	n.a.	M13
T 14	20 45 38	9°23'39	10♎40	23° 4	23°43	15°45	11°51	0°48	1°18	20°18	18°32	12°42	11°24	19° 3	n.a.	T 14
W15	20 49 35	10°22'27	22°36	24°40	24°29	16°16	12° 3	0°54	1°18	20°16	18°31	12°39	11°21	19°10	n.a.	W15
T 16	20 53 31	11°21'18	4♏41	26°16	25°14	16°47	12°15	1° 1	1°18	20°15	18°30	12°38	11°18	19°16	n.a.	T 16
F 17	20 57 28	12°20'11	17° 0	27°51	25°57	17°18	12°28	1° 7	1°17	20°13	18°29	12°D38	11°15	19°23	n.a.	F 17
S 18	21 1 25	13°19'05	29°36	29°25	26°40	17°49	12°40	1°14	1°17	20°12	18°28	12°39	11°12	19°30	n.a.	S 18
S 19	21 5 21	14°18'01	12♐35	0♍58	27°22	18°19	12°52	1°20	1°17	20°10	18°28	12°40	11° 8	19°37	n.a.	S 19
M20	21 9 18	15°17'00	25°58	2°30	28° 3	18°49	13° 4	1°26	1°17	20° 9	18°27	12°42	11° 5	19°43	n.a.	M20
T 21	21 13 14	16°16'00	9♑49	4° 1	28°43	19°19	13°16	1°33	1°17	20° 7	18°26	12°R43	11° 2	19°50	n.a.	T 21
W22	21 17 11	17°15'02	24° 7	5°31	29°21	19°49	13°28	1°39	1°D17	20° 6	18°25	12°42	10°59	19°57	n.a.	W22
T 23	21 21 7	18°14'06	8♒49	7° 0	29°58	20°18	13°40	1°45	1°17	20° 5	18°24	12°40	10°56	20° 3	n.a.	T 23
F 24	21 25 4	19°13'13	23°47	8°28	0♎35	20°48	13°52	1°51	1°17	20° 3	18°23	12°36	10°53	20°10	n.a.	F 24
S 25	21 29 0	20°12'21	8♓55	9°55	1° 9	21°16	14° 4	1°57	1°17	20° 2	18°22	12°31	10°49	20°17	n.a.	S 25
S 26	21 32 57	21°11'32	24° 2	11°21	1°43	21°45	14°15	2° 3	1°17	20° 0	18°21	12°25	10°46	20°24	n.a.	S 26
M27	21 36 54	22°10'45	8♈58	12°47	2°15	22°13	14°27	2° 9	1°17	19°59	18°20	12°20	10°43	20°30	n.a.	M27
T 28	21 40 50	23°10'00	23°36	14°11	2°46	22°41	14°39	2°15	1°18	19°58	18°19	12°15	10°40	20°37	n.a.	T 28
W29	21 44 47	24° 9'18	7♉51	15°34	3°15	23° 9	14°50	2°20	1°18	19°57	18°18	12°12	10°37	20°44	n.a.	W29
T 30	21 48 43	25° 8'39	21°41	16°56	3°43	23°37	15° 2	2°26	1°18	19°55	18°17	12°D11	10°33	20°50	n.a.	T 30
F 31	21 52 40	26♌ 8'02	5♊ 7	18♍17	4♎ 9	24♉ 4	15♋13	2♋32	1♐19	19♎54	18♓16	12♎11	10♎30	20♍57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n 9	15n31	5n 6	22n 1	1n41	5n 3	1s59	13n39	1s 0	24n 4	0n34	23n50	0n 0	20s52	0s 5	22s41	0s29	20s20	17s17	23s11	23s16	0n41		n.a.
T 2	20 58	19 53	4 38	21 33	1 39	4 35	2 7	13 51	1 0	24 4	0 34	23 50	0 0	20 52	0 5	22 42	0 29	20 20	17 18	23 11	23 16	0 38		n.a.
F 3	20 46	23 6	3 56	21 4	1 35	4 8	2 14	14 3	0 59	24 3	0 34	23 50	0 1	20 51	0 5	22 42	0 29	20 21	17 18	23 11	23 17	0 35		n.a.
S 4	20 34	25 0	3 1	20 34	1 32	3 40	2 21	14 14	0 58	24 2	0 34	23 50	0 1	20 51	0 5	22 42	0 29	20 21	17 18	23 11	23 17	0 32		n.a.
S 5	20 21	25 29	1 58	20 2	1 28	3 13	2 29	14 25	0 57	24 1	0 34	23 50	0 1	20 51	0 5	22 42	0 29	20 22	17 18	23 11	23 17	0 29		n.a.
M 6	20 8	24 37	0 50	19 30	1 23	2 45	2 36	14 37	0 57	24 0	0 35	23 51	0 1	20 51	0 5	22 43	0 29	20 23	17 19	23 11	23 18	0 26		n.a.
T 7	19 55	22 29	0s19	18 56	1 19	2 18	2 44	14 48	0 56	23 59	0 35	23 51	0 1	20 51	0 5	22 43	0 29	20 23	17 19	23 11	23 18	0 23		n.a.
W 8	19 41	19 20	1 26	18 21	1 14	1 51	2 52	14 59	0 55	23 59	0 35	23 51	0 1	20 51	0 5	22 43	0 29	20 24	17 19	23 11	23 18	0 20		n.a.
T 9	19 27	15 22	2 28	17 46	1 9	1 24	2 59	15 9	0 54	23 58	0 35	23 51	0 1	20 51	0 5	22 43	0 29	20 24	17 19	23 11	23 18	0 17		n.a.
F 10	19 12	10 51	3 23	17 10	1 3	0 57	3 7	15 20	0 53	23 57	0 35	23 51	0 1	20 50	0 5	22 44	0 29	20 25	17 20	23 11	23 19	0 14		n.a.
S 11	18 58	5 58	4 8	16 33	0 57	0 30	3 15	15 31	0 53	23 56	0 35	23 51	0 1	20 50	0 5	22 44	0 29	20 25	17 20	23 12	23 19	0 11		n.a.
S 12	18 43	0 55	4 42	15 56	0 51	0 4	3 23	15 41	0 52	23 55	0 35	23 51	0 1	20 50	0 5	22 44	0 29	20 26	17 20	23 12	23 19	0 8		n.a.
M13	18 27	4s 9	5 4	15 18	0 45	0s23	3 31	15 51	0 51	23 54	0 35	23 51	0 1	20 50	0 5	22 44	0 29	20 26	17 20	23 12	23 20	0 5		n.a.
T 14	18 12	9 4	5 13	14 40	0 39	0 49	3 39	16 1	0 50	23 53	0 36	23 51	0 2	20 50	0 5	22 45	0 29	20 27	17 21	23 13	23 20	0 2		n.a.
W15	17 56	13 41	5 9	14 1	0 32	1 14	3 47	16 11	0 49	23 52	0 36	23 51	0 2	20 50	0 5	22 45	0 29	20 27	17 21	23 13	23 20	0s 1		n.a.
T 16	17 39	17 50	4 50	13 22	0 26	1 40	3 55	16 21	0 48	23 51	0 36	23 51	0 2	20 50	0 5	22 45	0 29	20 28	17 21	23 13	23 20	0 4		n.a.
F 17	17 23	21 19	4 19	12 43	0 19	2 5	4 3	16 31	0 47	23 50	0 36	23 51	0 2	20 50	0 5	22 45	0 29	20 28	17 21	23 13	23 21	0 7		n.a.
S 18	17 6	23 52	3 34	12 3	0 12	2 30	4 12	16 41	0 46	23 49	0 36	23 51	0 2	20 50	0 5	22 46	0 29	20 29	17 21	23 13	23 21	0 10		n.a.
S 19	16 48	25 16	2 37	11 23	0 5	2 54	4 20	16 50	0 45	23 48	0 36	23 51	0 2	20 50	0 5	22 46	0 29	20 30	17 22	23 13	23 21	0 13		n.a.
M20	16 31	25 16	1 30	10 43	0s 2	3 18	4 28	16 59	0 44	23 47	0 36	23 51	0 2	20 50	0 5	22 46	0 29	20 30	17 22	23 13	23 21	0 16		n.a.
T 21	16 13	23 43	0 16	10 3	0 10	3 42	4 36	17 9	0 43	23 46	0 37	23 51	0 2	20 50	0 5	22 46	0 29	20 31	17 22	23 13	23 22	0 19		n.a.
W22	15 55	20 37	1n 2	9 23	0 17	4 5	4 45	17 18	0 42	23 45	0 37	23 51	0 2	20 50	0 5	22 47	0 29	20 31	17 22	23 13	23 22	0 22		n.a.
T 23	15 37	16 9	2 17	8 43	0 24	4 27	4 53	17 27	0 41	23 44	0 37	23 51	0 2	20 50	0 5	22 47	0 29	20 32	17 22	23 13	23 22	0 25		n.a.
F 24	15 18	10 35	3 25	8 2	0 32	4 50	5 1	17 36	0 40	23 42	0 37	23 51	0 2	20 50	0 5	22 47	0 29	20 32	17 22	23 13	23 22	0 28		n.a.
S 25	14 59	4 22	4 19	7 22	0 39	5 11	5 10	17 44	0 39	23 41	0 37	23 51	0 3	20 50	0 5	22 47	0 29	20 33	17 23	23 14	23 23	0 31		n.a.
S 26	14 40	2n 5	4 54	6 42	0 47	5 32	5 18	17 53	0 38	23 40	0 37	23 51	0 3	20 50	0 5	22 47	0 29	20 33	17 23	23 14	23 23	0 34		n.a.
M27	14 21	8 20	5 9	6 2	0 54	5 53	5 26	18 1	0 37	23 39	0 37	23 51	0 3	20 50	0 5	22 48	0 29	20 34	17 23	23 15	23 23	0 36		n.a.
T 28	14 1	14 0	5 4	5 23	1 2	6 13	5 35	18 10	0 36	23 38	0 38	23 51	0 3	20 50	0 5	22 48	0 29	20 34	17 23	23 15	23 24	0 39		n.a.
W29	13 41	18 45	4 40	4 43	1 9	6 32	5 43	18 18	0 35	23 37	0 38	23 51	0 3	20 50	0 5	22 48	0 29	20 35	17 23	23 15	23 24	0 42		n.a.
T 30	13 21	22 20	4 0	4 4	1 17	6 51	5 51	18 26	0 34	23 36	0 38	23 51	0 3	20 50	0 5	22 48	0 29	20 36	17 23	23 16	23 24	0 45		n.a.
F 31	13n 1	24n34	3n 7	3n25	1s24	7s 9	5s59	18n34	0s33	23n35	0n38	23n51	0n 3	20s50	0s 5	22s48	0s29	20s36	17s24	23s16	23s24	0s48		n.a.

Julian Day Number = 1313285.5, Delta T = 07h39m36s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°30'01, Lahiri = -19°23'00 Julian Calendar 1 Aug. 1118 BCE == Greg. Calendar 21 July 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

SEPTEMBER 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 36	27♌ 7'27	18♊11	19♍37	4♎33	24♉31	15♋24	2♋37	1♐19	19°R53	18°R15	12♑13	10♑27	21♍ 4	n.a.	S 1
S 2	22 0 33	28° 6'55	0♋56	20°56	4°56	24°57	15°36	2°43	1°20	19♑52	18♓14	12°14	10°24	21°11	n.a.	S 2
M 3	22 4 29	29° 6'25	13°26	22°13	5°17	25°23	15°47	2°48	1°20	19°50	18°13	12°R14	10°21	21°17	n.a.	M 3
T 4	22 8 26	0♍ 5'58	25°44	23°29	5°36	25°49	15°58	2°53	1°21	19°49	18°12	12°13	10°18	21°24	n.a.	T 4
W 5	22 12 22	1° 5'33	7♌52	24°44	5°54	26°15	16° 9	2°59	1°22	19°48	18°10	12°10	10°14	21°31	n.a.	W 5
T 6	22 16 19	2° 5'10	19°54	25°57	6° 9	26°40	16°20	3° 4	1°22	19°47	18° 9	12° 5	10°11	21°37	n.a.	T 6
F 7	22 20 16	3° 4'50	1♍51	27° 8	6°22	27° 5	16°31	3° 9	1°23	19°46	18° 8	11°57	10° 8	21°44	n.a.	F 7
S 8	22 24 12	4° 4'31	13°45	28°18	6°33	27°29	16°42	3°14	1°24	19°45	18° 7	11°47	10° 5	21°51	n.a.	S 8
S 9	22 28 9	5° 4'15	25°36	29°25	6°43	27°53	16°53	3°19	1°25	19°44	18° 6	11°36	10° 2	21°58	n.a.	S 9
M10	22 32 5	6° 4'00	7♎27	0♎31	6°49	28°17	17° 3	3°24	1°26	19°43	18° 5	11°25	9°58	22° 4	n.a.	M10
T 11	22 36 2	7° 3'48	19°20	1°34	6°54	28°40	17°14	3°29	1°27	19°42	18° 4	11°16	9°55	22°11	n.a.	T 11
W12	22 39 58	8° 3'38	1♏17	2°35	6°56	29° 3	17°24	3°33	1°28	19°41	18° 3	11° 8	9°52	22°18	n.a.	W12
T 13	22 43 55	9° 3'29	13°21	3°33	6°R56	29°26	17°35	3°38	1°29	19°40	18° 2	11° 2	9°49	22°24	n.a.	T 13
F 14	22 47 51	10° 3'23	25°37	4°27	6°54	29°48	17°45	3°42	1°30	19°39	18° 0	10°58	9°46	22°31	n.a.	F 14
S 15	22 51 48	11° 3'18	8♐ 8	5°19	6°49	0♊ 9	17°55	3°47	1°31	19°38	17°59	10°D57	9°43	22°38	n.a.	S 15
S 16	22 55 45	12° 3'15	20°59	6° 6	6°42	0°31	18° 5	3°51	1°33	19°37	17°58	10°57	9°39	22°45	n.a.	S 16
M17	22 59 41	13° 3'14	4♑14	6°50	6°32	0°51	18°15	3°55	1°34	19°36	17°57	10°R58	9°36	22°51	n.a.	M17
T 18	23 3 38	14° 3'14	17°57	7°28	6°20	1°12	18°25	4° 0	1°35	19°35	17°56	10°58	9°33	22°58	n.a.	T 18
W19	23 7 34	15° 3'17	2♒ 9	8° 2	6° 6	1°32	18°35	4° 4	1°37	19°35	17°55	10°56	9°30	23° 5	n.a.	W19
T 20	23 11 31	16° 3'21	16°49	8°30	5°49	1°51	18°45	4° 8	1°38	19°34	17°54	10°52	9°27	23°11	n.a.	T 20
F 21	23 15 27	17° 3'27	1♓52	8°52	5°30	2°10	18°54	4°12	1°39	19°33	17°52	10°45	9°24	23°18	n.a.	F 21
S 22	23 19 24	18° 3'34	17°10	9° 7	5° 8	2°29	19° 4	4°16	1°41	19°33	17°51	10°36	9°20	23°25	n.a.	S 22
S 23	23 23 20	19° 3'44	2♈31	9°R14	4°45	2°47	19°13	4°19	1°43	19°32	17°50	10°26	9°17	23°32	n.a.	S 23
M24	23 27 17	20° 3'56	17°45	9°14	4°19	3° 4	19°22	4°23	1°44	19°31	17°49	10°16	9°14	23°38	n.a.	M24
T 25	23 31 13	21° 4'10	2♉40	9° 5	3°51	3°21	19°31	4°26	1°46	19°31	17°48	10° 7	9°11	23°45	n.a.	T 25
W26	23 35 10	22° 4'26	17°10	8°46	3°22	3°38	19°40	4°30	1°48	19°30	17°47	10° 0	9° 8	23°52	n.a.	W26
T 27	23 39 7	23° 4'44	1♊10	8°19	2°51	3°54	19°49	4°33	1°49	19°30	17°46	9°56	9° 4	23°58	n.a.	T 27
F 28	23 43 3	24° 5'04	14°41	7°41	2°18	4° 9	19°58	4°37	1°51	19°29	17°44	9°54	9° 1	24° 5	n.a.	F 28
S 29	23 47 0	25° 5'27	27°45	6°54	1°45	4°24	20° 7	4°40	1°53	19°29	17°43	9°D54	8°58	24°12	n.a.	S 29
S 30	23 50 56	26♍ 5'52	10♋26	5♎58	1♎10	4♊39	20♋15	4♋43	1♐55	19♑28	17♓42	9°R54	8♑55	24♍19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n40	25n23	2n 6	2n47	1s31	7s26	6s 7	18n42	0s32	23n33	0n38	23n51	0n 3	20s50	0s 5	22s49	0s29	20s37	17s24	23s15	23s25	0s51		n.a.
S 2	12 19	24 50	1 1	2 9	1 39	7 42	6 15	18 49	0 31	23 32	0 38	23 51	0 3	20 50	0 5	22 49	0 29	20 37	17 24	23 15	23 25	0 54		n.a.
M 3	11 58	23 2	0s 6	1 31	1 46	7 58	6 22	18 57	0 29	23 31	0 39	23 51	0 3	20 50	0 5	22 49	0 29	20 38	17 24	23 15	23 25	0 57		n.a.
T 4	11 37	20 10	1 12	0 54	1 53	8 12	6 30	19 4	0 28	23 30	0 39	23 51	0 4	20 51	0 5	22 49	0 29	20 38	17 24	23 15	23 25	1 0		n.a.
W 5	11 16	16 27	2 14	0 18	2 0	8 26	6 37	19 11	0 27	23 29	0 39	23 51	0 4	20 51	0 5	22 49	0 29	20 39	17 24	23 16	23 26	1 3		n.a.
T 6	10 54	12 6	3 8	0s18	2 7	8 39	6 45	19 19	0 26	23 27	0 39	23 51	0 4	20 51	0 5	22 49	0 29	20 39	17 24	23 16	23 26	1 6		n.a.
F 7	10 32	7 21	3 54	0 52	2 13	8 51	6 52	19 26	0 25	23 26	0 39	23 51	0 4	20 51	0 5	22 50	0 29	20 40	17 24	23 17	23 26	1 9		n.a.
S 8	10 10	2 21	4 30	1 26	2 20	9 1	6 58	19 32	0 23	23 25	0 39	23 51	0 4	20 51	0 5	22 50	0 29	20 40	17 24	23 18	23 26	1 12		n.a.
S 9	9 48	2s42	4 53	1 59	2 26	9 11	7 5	19 39	0 22	23 24	0 40	23 51	0 4	20 51	0 5	22 50	0 29	20 41	17 24	23 19	23 27	1 15		n.a.
M10	9 26	7 39	5 4	2 31	2 32	9 20	7 11	19 46	0 21	23 23	0 40	23 51	0 4	20 52	0 5	22 50	0 29	20 41	17 24	23 20	23 27	1 18		n.a.
T 11	9 4	12 19	5 2	3 2	2 37	9 27	7 17	19 52	0 19	23 22	0 40	23 51	0 4	20 52	0 5	22 50	0 29	20 42	17 25	23 21	23 27	1 21		n.a.
W12	8 41	16 34	4 46	3 31	2 43	9 33	7 23	19 59	0 18	23 20	0 40	23 51	0 4	20 52	0 5	22 50	0 29	20 42	17 25	23 21	23 27	1 23		n.a.
T 13	8 18	20 12	4 18	3 59	2 47	9 38	7 28	20 5	0 17	23 19	0 40	23 51	0 4	20 52	0 5	22 50	0 29	20 43	17 25	23 22	23 28	1 26		n.a.
F 14	7 55	22 59	3 38	4 25	2 52	9 41	7 33	20 11	0 15	23 18	0 41	23 51	0 5	20 53	0 5	22 51	0 29	20 43	17 25	23 22	23 28	1 29		n.a.
S 15	7 32	24 45	2 46	4 50	2 56	9 43	7 37	20 17	0 14	23 17	0 41	23 51	0 5	20 53	0 5	22 51	0 29	20 44	17 25	23 22	23 28	1 32		n.a.
S 16	7 9	25 15	1 45	5 12	2 59	9 44	7 41	20 23	0 12	23 16	0 41	23 51	0 5	20 53	0 5	22 51	0 29	20 44	17 25	23 22	23 28	1 35		n.a.
M17	6 46	24 21	0 36	5 32	3 2	9 43	7 44	20 29	0 11	23 14	0 41	23 51	0 5	20 53	0 5	22 51	0 29	20 45	17 25	23 22	23 28	1 38		n.a.
T 18	6 22	21 59	0n37	5 50	3 4	9 41	7 47	20 35	0 9	23 13	0 41	23 51	0 5	20 54	0 5	22 51	0 29	20 45	17 25	23 22	23 29	1 41		n.a.
W19	5 59	18 13	1 50	6 4	3 6	9 37	7 49	20 40	0 8	23 12	0 41	23 51	0 5	20 54	0 5	22 51	0 29	20 46	17 25	23 22	23 29	1 44		n.a.
T 20	5 35	13 13	2 58	6 16	3 6	9 31	7 51	20 46	0 6	23 11	0 42	23 51	0 5	20 54	0 5	22 51	0 29	20 46	17 25	23 23	23 29	1 47		n.a.
F 21	5 11	7 19	3 56	6 24	3 6	9 24	7 51	20 51	0 5	23 10	0 42	23 51	0 5	20 55	0 5	22 51	0 29	20 47	17 25	23 23	23 29	1 50		n.a.
S 22	4 48	0 54	4 37	6 29	3 4	9 16	7 51	20 57	0 3	23 9	0 42	23 51	0 5	20 55	0 5	22 52	0 29	20 47	17 25	23 24	23 30	1 53		n.a.
S 23	4 24	5n35	4 59	6 30	3 2	9 5	7 51	21 2	0 2	23 7	0 42	23 51	0 6	20 55	0 5	22 52	0 29	20 48	17 25	23 25	23 30	1 56		n.a.
M24	4 0	11 40	4 59	6 26	2 58	8 54	7 49	21 7	0 0	23 6	0 42	23 51	0 6	20 56	0 5	22 52	0 29	20 48	17 25	23 25	23 30	1 58		n.a.
T 25	3 36	16 57	4 39	6 17	2 52	8 40	7 47	21 12	0n 2	23 5	0 43	23 51	0 6	20 56	0 5	22 52	0 29	20 48	17 25	23 26	23 30	2 1		n.a.
W26	3 12	21 5	4 1	6 3	2 45	8 26	7 44	21 16	0 3	23 4	0 43	23 51	0 6	20 56	0 5	22 52	0 29	20 49	17 25	23 27	23 31	2 4		n.a.
T 27	2 47	23 49	3 10	5 44	2 36	8 9	7 40	21 21	0 5	23 3	0 43	23 51	0 6	20 57	0 5	22 52	0 29	20 49	17 25	23 27	23 31	2 7		n.a.
F 28	2 23	25 5	2 9	5 19	2 25	7 52	7 35	21 26	0 7	23 2	0 43	23 51	0 6	20 57	0 5	22 52	0 29	20 50	17 25	23 27	23 31	2 10		n.a.
S 29	1 59	24 53	1 4	4 49	2 13	7 33	7 29	21 30	0 8	23 1	0 43	23 51	0 6	20 57	0 5	22 52	0 29	20 50	17 25	23 27	23 31	2 13		n.a.
S 30	1n35	23n22	0s 3	4s13	1s59	7s13	7s23	21n35	0n10	23n 0	0n44	23n51	0n 6	20s58	0s 5	22s52	0s29	20s50	17s24	23s27	23s31	2s16		n.a.

Julian Day Number = 1313316.5, Delta T = 07h39m35s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'56, Lahiri = -19°22'56 Julian Calendar 1 Sept. 1118 BCE == Greg. Calendar 21 Aug. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

OCTOBER 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 54 53	27♍ 6'18	22♋49	4°R54	0°R35	4♊52	20♋24	4♋46	1♐57	19°R28	17°R41	9°R53	8♑52	24♍25	n.a.	M 1
T 2	23 58 49	28° 6'47	4♌58	3♎43	29♍59	5° 5	20°32	4°49	1°59	19♑27	17♓40	9♑51	8°49	24°32	n.a.	T 2
W 3	0 2 46	29° 7'18	16°58	2°26	29°22	5°18	20°40	4°51	2° 1	19°27	17°39	9°45	8°45	24°39	n.a.	W 3
T 4	0 6 42	0♎ 7'50	28°53	1° 7	28°46	5°30	20°48	4°54	2° 3	19°27	17°38	9°37	8°42	24°46	n.a.	T 4
F 5	0 10 39	1° 8'25	10♍45	29♍47	28°10	5°41	20°56	4°57	2° 5	19°27	17°36	9°26	8°39	24°52	n.a.	F 5
S 6	0 14 36	2° 9'01	22°36	28°29	27°34	5°52	21° 4	4°59	2° 7	19°26	17°35	9°12	8°36	24°59	n.a.	S 6
S 7	0 18 32	3° 9'39	4♎28	27°16	26°59	6° 2	21°12	5° 1	2° 9	19°26	17°34	8°58	8°33	25° 6	n.a.	S 7
M 8	0 22 29	4°10'18	16°23	26°10	26°25	6°11	21°19	5° 4	2°12	19°26	17°33	8°42	8°29	25°12	n.a.	M 8
T 9	0 26 25	5°11'00	28°21	25°13	25°52	6°19	21°27	5° 6	2°14	19°26	17°32	8°28	8°26	25°19	n.a.	T 9
W10	0 30 22	6°11'42	10♏24	24°26	25°21	6°27	21°34	5° 8	2°16	19°26	17°31	8°16	8°23	25°26	n.a.	W10
T 11	0 34 18	7°12'26	22°34	23°50	24°50	6°35	21°41	5°10	2°19	19°26	17°30	8° 7	8°20	25°33	n.a.	T 11
F 12	0 38 15	8°13'12	4♐53	23°26	24°22	6°41	21°48	5°11	2°21	19°D26	17°29	8° 2	8°17	25°39	n.a.	F 12
S 13	0 42 11	9°13'59	17°24	23°14	23°56	6°47	21°55	5°13	2°24	19°26	17°28	7°58	8°14	25°46	n.a.	S 13
S 14	0 46 8	10°14'47	0♑12	23°D13	23°31	6°52	22° 2	5°15	2°26	19°26	17°27	7°57	8°10	25°53	n.a.	S 14
M15	0 50 5	11°15'36	13°20	23°23	23° 9	6°56	22° 8	5°16	2°29	19°26	17°26	7°57	8° 7	25°59	n.a.	M15
T 16	0 54 1	12°16'26	26°52	23°43	22°48	7° 0	22°15	5°18	2°31	19°26	17°25	7°57	8° 4	26° 6	n.a.	T 16
W17	0 57 58	13°17'18	10♒51	24°12	22°31	7° 2	22°21	5°19	2°34	19°26	17°24	7°55	8° 1	26°13	n.a.	W17
T 18	1 1 54	14°18'10	25°16	24°49	22°15	7° 4	22°27	5°20	2°36	19°26	17°23	7°50	7°58	26°20	n.a.	T 18
F 19	1 5 51	15°19'04	10♓ 6	25°33	22° 2	7° 6	22°33	5°21	2°39	19°26	17°22	7°43	7°55	26°26	n.a.	F 19
S 20	1 9 47	16°19'58	25°14	26°25	21°51	7°R 6	22°39	5°22	2°42	19°27	17°21	7°33	7°51	26°33	n.a.	S 20
S 21	1 13 44	17°20'54	10♈32	27°21	21°43	7° 6	22°44	5°23	2°44	19°27	17°20	7°22	7°48	26°40	n.a.	S 21
M22	1 17 40	18°21'50	25°47	28°23	21°38	7° 4	22°50	5°23	2°47	19°27	17°19	7°10	7°45	26°46	n.a.	M22
T 23	1 21 37	19°22'49	10♉48	29°29	21°35	7° 2	22°55	5°24	2°50	19°28	17°18	7° 0	7°42	26°53	n.a.	T 23
W24	1 25 34	20°23'48	25°27	0♎39	21°D34	6°59	23° 0	5°25	2°53	19°28	17°17	6°52	7°39	27° 0	n.a.	W24
T 25	1 29 30	21°24'49	9♊37	1°52	21°36	6°56	23° 5	5°25	2°56	19°28	17°16	6°47	7°35	27° 7	n.a.	T 25
F 26	1 33 27	22°25'51	23°18	3° 8	21°40	6°51	23°10	5°25	2°59	19°29	17°15	6°44	7°32	27°13	n.a.	F 26
S 27	1 37 23	23°26'55	6♋29	4°27	21°47	6°46	23°15	5°25	3° 2	19°29	17°14	6°D43	7°29	27°20	n.a.	S 27
S 28	1 41 20	24°27'59	19°15	5°47	21°55	6°40	23°19	5°R25	3° 5	19°30	17°13	6°R44	7°26	27°27	n.a.	S 28
M29	1 45 16	25°29'05	1♌39	7° 9	22° 7	6°33	23°23	5°25	3° 8	19°30	17°12	6°44	7°23	27°34	n.a.	M29
T 30	1 49 13	26°30'12	13°48	8°33	22°20	6°25	23°27	5°25	3°11	19°31	17°11	6°42	7°20	27°40	n.a.	T 30
W31	1 53 9	27♎31'21	25♌46	9♎57	22♍36	6♊16	23♋31	5♋25	3♐14	19♑32	17♓11	6♑38	7♑16	27♍47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n10	20n45	1s 8	3s32	1s42	6s52	7s15	21n39	0n12	22n58	0n44	23n51	0n 6	20s58	0s 5	22s52	0s29	20s51	17s24	23s27	23s32	2s19			n.a.
T 2	0 46	17 15	2 9	2 47	1 25	6 30	7 7	21 43	0 14	22 57	0 44	23 51	0 6	20 59	0 5	22 52	0 29	20 51	17 24	23 27	23 32	2 22			n.a.
W 3	0 21	13 6	3 3	1 59	1 6	6 7	6 58	21 47	0 16	22 56	0 44	23 51	0 7	20 59	0 5	22 52	0 29	20 52	17 24	23 28	23 32	2 25			n.a.
T 4	0s 3	8 30	3 48	1 9	0 46	5 43	6 48	21 51	0 18	22 55	0 45	23 51	0 7	20 59	0 5	22 52	0 29	20 52	17 24	23 28	23 32	2 27			n.a.
F 5	0 28	3 36	4 23	0 18	0 25	5 19	6 37	21 55	0 20	22 54	0 45	23 51	0 7	21 0	0 5	22 52	0 29	20 52	17 24	23 29	23 32	2 30			n.a.
S 6	0 52	1s24	4 47	0n33	0 4	4 54	6 26	21 59	0 22	22 53	0 45	23 51	0 7	21 0	0 5	22 52	0 29	20 53	17 24	23 30	23 33	2 33			n.a.
S 7	1 17	6 21	4 58	1 21	0n16	4 29	6 13	22 3	0 23	22 52	0 45	23 51	0 7	21 1	0 5	22 52	0 29	20 53	17 24	23 31	23 33	2 36			n.a.
M 8	1 41	11 5	4 57	2 5	0 35	4 3	6 1	22 7	0 26	22 51	0 45	23 51	0 7	21 1	0 5	22 52	0 29	20 53	17 24	23 32	23 33	2 39			n.a.
T 9	2 6	15 26	4 42	2 45	0 54	3 38	5 48	22 10	0 28	22 50	0 46	23 51	0 7	21 2	0 5	22 52	0 29	20 54	17 24	23 33	23 33	2 42			n.a.
W10	2 30	19 11	4 14	3 19	1 11	3 13	5 34	22 13	0 30	22 49	0 46	23 51	0 7	21 2	0 5	22 52	0 29	20 54	17 24	23 34	23 33	2 45			n.a.
T 11	2 54	22 10	3 35	3 47	1 26	2 48	5 20	22 17	0 32	22 48	0 46	23 51	0 7	21 3	0 5	22 52	0 29	20 54	17 23	23 34	23 34	2 48			n.a.
F 12	3 19	24 9	2 45	4 9	1 39	2 23	5 5	22 20	0 34	22 48	0 46	23 51	0 8	21 3	0 5	22 52	0 29	20 55	17 23	23 35	23 34	2 51			n.a.
S 13	3 43	24 59	1 46	4 25	1 50	1 59	4 50	22 23	0 36	22 47	0 47	23 51	0 8	21 4	0 5	22 52	0 29	20 55	17 23	23 35	23 34	2 53			n.a.
S 14	4 7	24 31	0 41	4 34	2 0	1 35	4 36	22 26	0 38	22 46	0 47	23 51	0 8	21 4	0 5	22 52	0 29	20 55	17 23	23 35	23 34	2 56			n.a.
M15	4 31	22 41	0n28	4 37	2 8	1 13	4 20	22 29	0 40	22 45	0 47	23 51	0 8	21 5	0 5	22 52	0 29	20 56	17 23	23 35	23 34	2 59			n.a.
T 16	4 56	19 31	1 38	4 35	2 14	0 51	4 5	22 32	0 43	22 44	0 47	23 51	0 8	21 5	0 5	22 52	0 29	20 56	17 23	23 35	23 35	3 2			n.a.
W17	5 20	15 10	2 44	4 27	2 19	0 29	3 50	22 35	0 45	22 43	0 47	23 51	0 8	21 6	0 5	22 52	0 29	20 56	17 22	23 35	23 35	3 5			n.a.
T 18	5 44	9 50	3 42	4 15	2 22	0 9	3 35	22 37	0 47	22 43	0 48	23 51	0 8	21 6	0 5	22 52	0 29	20 56	17 22	23 36	23 35	3 8			n.a.
F 19	6 8	3 48	4 27	3 59	2 24	0n10	3 19	22 40	0 50	22 42	0 48	23 51	0 8	21 7	0 5	22 52	0 29	20 57	17 22	23 36	23 35	3 11			n.a.
S 20	6 31	2n33	4 54	3 39	2 24	0 28	3 4	22 42	0 52	22 41	0 48	23 52	0 9	21 7	0 5	22 52	0 29	20 57	17 22	23 37	23 35	3 13			n.a.
S 21	6 55	8 49	5 0	3 16	2 24	0 45	2 49	22 44	0 54	22 40	0 48	23 52	0 9	21 8	0 5	22 52	0 29	20 57	17 22	23 37	23 36	3 16			n.a.
M22	7 19	14 32	4 45	2 50	2 23	1 1	2 35	22 47	0 57	22 40	0 49	23 52	0 9	21 8	0 5	22 52	0 29	20 57	17 22	23 38	23 36	3 19			n.a.
T 23	7 42	19 16	4 10	2 21	2 21	1 15	2 20	22 49	0 59	22 39	0 49	23 52	0 9	21 9	0 5	22 52	0 29	20 57	17 21	23 38	23 36	3 22			n.a.
W24	8 6	22 40	3 20	1 51	2 18	1 29	2 6	22 51	1 2	22 38	0 49	23 52	0 9	21 9	0 5	22 52	0 29	20 58	17 21	23 39	23 36	3 25			n.a.
T 25	8 29	24 32	2 18	1 18	2 15	1 41	1 52	22 52	1 4	22 38	0 49	23 52	0 9	21 10	0 5	22 52	0 29	20 58	17 21	23 39	23 36	3 28			n.a.
F 26	8 52	24 50	1 11	0 44	2 11	1 52	1 38	22 54	1 7	22 37	0 50	23 52	0 9	21 11	0 5	22 52	0 29	20 58	17 21	23 39	23 37	3 31			n.a.
S 27	9 15	23 41	0 1	0 8	2 7	2 1	1 25	22 56	1 9	22 37	0 50	23 52	0 9	21 11	0 5	22 52	0 29	20 58	17 20	23 39	23 37	3 33			n.a.
S 28	9 38	21 20	1s 6	0s29	2 2	2 10	1 11	22 57	1 12	22 36	0 50	23 52	0 9	21 12	0 5	22 52	0 29	20 58	17 20	23 39	23 37	3 36			n.a.
M29	10 1	18 2	2 8	1 6	1 56	2 17	0 59	22 58	1 14	22 36	0 50	23 52	0 10	21 12	0 5	22 52	0 29	20 58	17 20	23 39	23 37	3 39			n.a.
T 30	10 23	14 2	3 3	1 45	1 51	2 23	0 46	23 0	1 17	22 35	0 51	23 53	0 10	21 13	0 5	22 52	0 29	20 59	17 20	23 39	23 37	3 42			n.a.
W31	10s46	9n32	3s49	2s24	1n45	2n28	0s34	23n 1	1n19	22n35	0n51	23n53	0n10	21s14	0s 5	22s52	0s29	20s59	17s19	23s40	23s37	3s45			n.a.

Julian Day Number = 1313346.5, Delta T = 07h39m33s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'52, Lahiri = -19°22'52 Julian Calendar 1 Oct. 1118 BCE == Greg. Calendar 20 Sept. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

NOVEMBER 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 6	28♎32'30	7♍39	11♎23	22♍53	6°R 6	23♋35	5°R24	3♐17	19♑32	17°R10	6°R32	7♑13	27♍54	n.a.	T 1
F 2	2 1 3	29°33'41	19°29	12°50	23°13	5♊56	23°39	5♋24	3°20	19°33	17♓ 9	6♑22	7°10	28° 0	n.a.	F 2
S 3	2 4 59	0♏34'52	1♎20	14°18	23°34	5°45	23°42	5°23	3°23	19°34	17° 8	6°11	7° 7	28° 7	n.a.	S 3
S 4	2 8 56	1°36'04	13°15	15°46	23°58	5°32	23°45	5°22	3°26	19°35	17° 7	5°58	7° 4	28°14	n.a.	S 4
M 5	2 12 52	2°37'17	25°15	17°15	24°23	5°20	23°48	5°21	3°29	19°35	17° 7	5°45	7° 1	28°21	n.a.	M 5
T 6	2 16 49	3°38'31	7♏22	18°45	24°50	5° 6	23°51	5°20	3°32	19°36	17° 6	5°33	6°57	28°27	n.a.	T 6
W 7	2 20 45	4°39'46	19°36	20°15	25°19	4°51	23°54	5°19	3°36	19°37	17° 5	5°23	6°54	28°34	n.a.	W 7
T 8	2 24 42	5°41'01	1♐59	21°45	25°49	4°36	23°56	5°18	3°39	19°38	17° 4	5°15	6°51	28°41	n.a.	T 8
F 9	2 28 38	6°42'16	14°31	23°16	26°21	4°20	23°59	5°17	3°42	19°39	17° 4	5°10	6°48	28°47	n.a.	F 9
S 10	2 32 35	7°43'32	27°13	24°47	26°54	4° 3	24° 1	5°15	3°45	19°40	17° 3	5° 8	6°45	28°54	n.a.	S 10
S 11	2 36 32	8°44'48	10♑ 9	26°18	27°29	3°46	24° 3	5°14	3°49	19°41	17° 2	5°D 8	6°41	29° 1	n.a.	S 11
M12	2 40 28	9°46'05	23°20	27°49	28° 6	3°27	24° 4	5°12	3°52	19°42	17° 2	5° 8	6°38	29° 8	n.a.	M12
T 13	2 44 25	10°47'21	6♒49	29°21	28°43	3° 9	24° 6	5°10	3°55	19°43	17° 1	5°R 9	6°35	29°14	n.a.	T 13
W14	2 48 21	11°48'38	20°38	0♏53	29°22	2°49	24° 7	5° 9	3°59	19°44	17° 1	5° 9	6°32	29°21	n.a.	W14
T 15	2 52 18	12°49'54	4♓48	2°25	0♎ 2	2°29	24° 8	5° 7	4° 2	19°45	17° 0	5° 7	6°29	29°28	n.a.	T 15
F 16	2 56 14	13°51'11	19°17	3°58	0°43	2° 9	24° 9	5° 5	4° 5	19°46	16°59	5° 2	6°26	29°35	n.a.	F 16
S 17	3 0 11	14°52'27	4♈ 2	5°30	1°26	1°48	24°10	5° 2	4° 9	19°47	16°59	4°56	6°22	29°41	n.a.	S 17
S 18	3 4 7	15°53'43	18°57	7° 3	2° 9	1°26	24°11	5° 0	4°12	19°49	16°58	4°48	6°19	29°48	n.a.	S 18
M19	3 8 4	16°55'00	3♉53	8°36	2°54	1° 4	24°11	4°58	4°16	19°50	16°58	4°40	6°16	29°55	n.a.	M19
T 20	3 12 1	17°56'16	18°42	10°10	3°39	0°41	24°R11	4°55	4°19	19°51	16°57	4°33	6°13	0♎ 1	n.a.	T 20
W21	3 15 57	18°57'33	3♊14	11°43	4°26	0°19	24°11	4°53	4°23	19°52	16°57	4°27	6°10	0° 8	n.a.	W21
T 22	3 19 54	19°58'50	17°25	13°17	5°14	29♉56	24°11	4°50	4°26	19°54	16°56	4°24	6° 7	0°15	n.a.	T 22
F 23	3 23 50	21° 0'07	1♋ 9	14°52	6° 2	29°32	24°11	4°47	4°30	19°55	16°56	4°D23	6° 3	0°22	n.a.	F 23
S 24	3 27 47	22° 1'24	14°26	16°26	6°52	29° 9	24°10	4°45	4°33	19°56	16°56	4°23	6° 0	0°28	n.a.	S 24
S 25	3 31 43	23° 2'41	27°19	18° 1	7°42	28°45	24° 9	4°42	4°37	19°58	16°55	4°24	5°57	0°35	n.a.	S 25
M26	3 35 40	24° 3'58	9♌49	19°36	8°33	28°21	24° 8	4°39	4°40	19°59	16°55	4°26	5°54	0°42	n.a.	M26
T 27	3 39 37	25° 5'16	22° 2	21°11	9°25	27°57	24° 7	4°35	4°44	20° 1	16°54	4°R27	5°51	0°49	n.a.	T 27
W28	3 43 33	26° 6'33	4♍ 3	22°47	10°17	27°33	24° 6	4°32	4°47	20° 2	16°54	4°27	5°47	0°55	n.a.	W28
T 29	3 47 30	27° 7'50	15°57	24°23	11°10	27° 9	24° 4	4°29	4°51	20° 4	16°54	4°25	5°44	1° 2	n.a.	T 29
F 30	3 51 26	28♏ 9'08	27♍48	26♏ 0	12♎ 4	26♉45	24♋ 2	4♋26	4♐54	20♑ 5	16♓54	4♑21	5♑41	1♎ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 8	4n45	4s25	3s 4	1n39	2n32	0s22	23n 1	1n22	22n34	0n51	23n53	0n10	21s14	0s 5	22s51	0s29	20s59	17s19	23s40	23s38	3s48		n.a.
F 2	11 30	0s12	4 49	3 44	1 33	2 34	0 11	23 2	1 25	22 34	0 52	23 53	0 10	21 15	0 5	22 51	0 29	20 59	17 19	23 40	23 38	3 51		n.a.
S 3	11 52	5 8	5 1	4 24	1 26	2 36	0n 0	23 3	1 27	22 34	0 52	23 53	0 10	21 15	0 5	22 51	0 29	20 59	17 19	23 41	23 38	3 53		n.a.
S 4	12 13	9 54	5 0	5 5	1 20	2 36	0 11	23 3	1 30	22 33	0 52	23 53	0 10	21 16	0 5	22 51	0 29	20 59	17 18	23 41	23 38	3 56		n.a.
M 5	12 35	14 20	4 45	5 45	1 13	2 35	0 21	23 3	1 33	22 33	0 52	23 53	0 10	21 17	0 5	22 51	0 29	20 59	17 18	23 42	23 38	3 59		n.a.
T 6	12 56	18 14	4 17	6 26	1 6	2 34	0 31	23 3	1 35	22 33	0 53	23 54	0 11	21 17	0 5	22 51	0 29	20 59	17 18	23 43	23 39	4 2		n.a.
W 7	13 17	21 24	3 38	7 7	1 0	2 31	0 41	23 3	1 38	22 33	0 53	23 54	0 11	21 18	0 5	22 51	0 29	20 59	17 18	23 43	23 39	4 5		n.a.
T 8	13 38	23 37	2 47	7 48	0 53	2 27	0 50	23 3	1 41	22 32	0 53	23 54	0 11	21 19	0 5	22 51	0 29	20 59	17 17	23 43	23 39	4 8		n.a.
F 9	13 58	24 42	1 48	8 28	0 46	2 22	0 59	23 3	1 43	22 32	0 53	23 54	0 11	21 19	0 5	22 50	0 29	20 59	17 17	23 44	23 39	4 10		n.a.
S 10	14 19	24 30	0 42	9 9	0 39	2 17	1 8	23 2	1 46	22 32	0 54	23 54	0 11	21 20	0 5	22 50	0 29	20 59	17 17	23 44	23 39	4 13		n.a.
S 11	14 39	22 59	0n27	9 49	0 32	2 10	1 16	23 1	1 49	22 32	0 54	23 55	0 11	21 20	0 5	22 50	0 29	20 59	17 16	23 44	23 39	4 16		n.a.
M12	14 59	20 12	1 36	10 29	0 25	2 3	1 24	23 0	1 51	22 32	0 54	23 55	0 11	21 21	0 5	22 50	0 29	20 59	17 16	23 44	23 40	4 19		n.a.
T 13	15 18	16 16	2 42	11 8	0 18	1 55	1 32	22 59	1 54	22 32	0 55	23 55	0 11	21 22	0 5	22 50	0 29	20 59	17 16	23 44	23 40	4 22		n.a.
W14	15 37	11 23	3 39	11 48	0 11	1 46	1 39	22 58	1 56	22 32	0 55	23 55	0 12	21 22	0 5	22 50	0 29	20 59	17 16	23 44	23 40	4 24		n.a.
T 15	15 56	5 48	4 25	12 26	0 4	1 36	1 46	22 56	1 59	22 32	0 55	23 55	0 12	21 23	0 5	22 49	0 29	20 59	17 15	23 44	23 40	4 27		n.a.
F 16	16 15	0n12	4 55	13 5	0s 2	1 25	1 52	22 55	2 2	22 32	0 55	23 55	0 12	21 24	0 5	22 49	0 29	20 59	17 15	23 44	23 40	4 30		n.a.
S 17	16 34	6 18	5 7	13 43	0 9	1 14	1 59	22 53	2 4	22 32	0 56	23 56	0 12	21 24	0 5	22 49	0 29	20 59	17 15	23 44	23 40	4 33		n.a.
S 18	16 52	12 6	4 58	14 20	0 16	1 2	2 5	22 51	2 7	22 33	0 56	23 56	0 12	21 25	0 5	22 49	0 29	20 59	17 14	23 44	23 40	4 36		n.a.
M19	17 10	17 12	4 28	14 57	0 22	0 49	2 11	22 48	2 9	22 33	0 56	23 56	0 12	21 26	0 5	22 49	0 29	20 59	17 14	23 45	23 41	4 38		n.a.
T 20	17 27	21 12	3 41	15 33	0 29	0 36	2 16	22 46	2 11	22 33	0 56	23 56	0 12	21 26	0 5	22 49	0 29	20 59	17 14	23 45	23 41	4 41		n.a.
W21	17 44	23 46	2 40	16 9	0 35	0 22	2 21	22 43	2 14	22 33	0 57	23 57	0 12	21 27	0 5	22 48	0 29	20 59	17 13	23 45	23 41	4 44		n.a.
T 22	18 1	24 43	1 30	16 44	0 41	0 7	2 26	22 41	2 16	22 34	0 57	23 57	0 13	21 28	0 5	22 48	0 29	20 58	17 13	23 45	23 41	4 47		n.a.
F 23	18 18	24 7	0 17	17 18	0 47	0s 8	2 31	22 38	2 18	22 34	0 57	23 57	0 13	21 28	0 5	22 48	0 29	20 58	17 13	23 45	23 41	4 50		n.a.
S 24	18 34	22 8	0s54	17 52	0 53	0 23	2 36	22 34	2 20	22 34	0 58	23 57	0 13	21 29	0 5	22 48	0 29	20 58	17 12	23 45	23 41	4 52		n.a.
S 25	18 50	19 3	2 1	18 25	0 59	0 40	2 40	22 31	2 23	22 35	0 58	23 57	0 13	21 30	0 5	22 48	0 29	20 58	17 12	23 45	23 42	4 55		n.a.
M26	19 6	15 11	3 0	18 57	1 4	0 57	2 44	22 28	2 25	22 35	0 58	23 58	0 13	21 30	0 5	22 47	0 29	20 58	17 12	23 45	23 42	4 58		n.a.
T 27	19 21	10 46	3 50	19 28	1 10	1 14	2 47	22 24	2 27	22 36	0 58	23 58	0 13	21 31	0 5	22 47	0 29	20 58	17 11	23 45	23 42	5 1		n.a.
W28	19 36	6 1	4 28	19 59	1 15	1 32	2 51	22 20	2 29	22 36	0 59	23 58	0 13	21 32	0 5	22 47	0 29	20 57	17 11	23 45	23 42	5 4		n.a.
T 29	19 50	1 7	4 55	20 28	1 20	1 50	2 54	22 17	2 30	22 37	0 59	23 58	0 13	21 32	0 5	22 47	0 29	20 57	17 11	23 45	23 42	5 6		n.a.
F 30	20s 4	3s49	5s 9	20s56	1s25	2s 8	2n57	22n13	2n32	22n37	0n59	23n59	0n13	21s33	0s 5	22s46	0s29	20s57	17s10	23s45	23s42	5s 9		n.a.

Julian Day Number = 1313377.5, Delta T = 07h39m31s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'48, Lahiri = -19°22'48 Julian Calendar 1 Nov. 1118 BCE == Greg. Calendar 21 Oct. 1118 BCE

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ASTRODIENST EPHEMERIS for the year 1118 BCE
geocentric

DECEMBER 1118 BCE (-1117) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 23	29♏10'25	9♎40	27♏37	12♎59	26°R21	24°R 0	4°R22	4♐58	20♑ 7	16°R53	4°R16	5♑38	1♎15	n.a.	S 1
S 2	3 59 19	0♐11'42	21°38	29°14	13°54	25♉57	23♋58	4♋19	5° 1	20° 9	16♓53	4♑10	5°35	1°22	n.a.	S 2
M 3	4 3 16	1°12'59	3♏44	0♐52	14°50	25°33	23°56	4°15	5° 5	20°10	16°53	4° 3	5°32	1°29	n.a.	M 3
T 4	4 7 12	2°14'15	16° 1	2°30	15°46	25°10	23°53	4°11	5° 9	20°12	16°53	3°57	5°28	1°36	n.a.	T 4
W 5	4 11 9	3°15'32	28°28	4° 9	16°43	24°47	23°50	4° 8	5°12	20°13	16°53	3°52	5°25	1°42	n.a.	W 5
T 6	4 15 6	4°16'47	11♐ 8	5°48	17°41	24°24	23°48	4° 4	5°16	20°15	16°52	3°48	5°22	1°49	n.a.	T 6
F 7	4 19 2	5°18'03	23°59	7°27	18°39	24° 2	23°44	4° 0	5°19	20°17	16°52	3°47	5°19	1°56	n.a.	F 7
S 8	4 22 59	6°19'17	7♑ 3	9° 7	19°37	23°40	23°41	3°56	5°23	20°19	16°52	3°D46	5°16	2° 3	n.a.	S 8
S 9	4 26 55	7°20'31	20°19	10°48	20°36	23°18	23°38	3°52	5°26	20°20	16°52	3°47	5°12	2° 9	n.a.	S 9
M10	4 30 52	8°21'43	3♒47	12°29	21°36	22°58	23°34	3°48	5°30	20°22	16°52	3°49	5° 9	2°16	n.a.	M10
T 11	4 34 48	9°22'55	17°27	14°10	22°36	22°37	23°30	3°43	5°34	20°24	16°52	3°50	5° 6	2°23	n.a.	T 11
W12	4 38 45	10°24'06	1♓19	15°52	23°36	22°17	23°26	3°39	5°37	20°26	16°D52	3°51	5° 3	2°29	n.a.	W12
T 13	4 42 42	11°25'15	15°22	17°34	24°37	21°58	23°22	3°35	5°41	20°28	16°52	3°R51	5° 0	2°36	n.a.	T 13
F 14	4 46 38	12°26'24	29°36	19°17	25°38	21°40	23°18	3°31	5°44	20°30	16°52	3°51	4°57	2°43	n.a.	F 14
S 15	4 50 35	13°27'31	13♈59	21° 0	26°39	21°22	23°13	3°26	5°48	20°31	16°52	3°49	4°53	2°50	n.a.	S 15
S 16	4 54 31	14°28'37	28°25	22°43	27°41	21° 4	23° 8	3°22	5°51	20°33	16°52	3°46	4°50	2°56	n.a.	S 16
M17	4 58 28	15°29'41	12♉52	24°27	28°44	20°48	23° 4	3°17	5°55	20°35	16°52	3°44	4°47	3° 3	n.a.	M17
T 18	5 2 24	16°30'45	27°13	26°10	29°46	20°32	22°59	3°13	5°58	20°37	16°52	3°41	4°44	3°10	n.a.	T 18
W19	5 6 21	17°31'48	11♊23	27°54	0♏49	20°17	22°53	3° 8	6° 2	20°39	16°53	3°40	4°41	3°16	n.a.	W19
T 20	5 10 17	18°32'49	25°17	29°37	1°52	20° 3	22°48	3° 3	6° 5	20°41	16°53	3°39	4°38	3°23	n.a.	T 20
F 21	5 14 14	19°33'50	8♋52	1♑21	2°56	19°49	22°43	2°59	6° 9	20°43	16°53	3°D38	4°34	3°30	n.a.	F 21
S 22	5 18 11	20°34'49	22° 6	3° 4	4° 0	19°36	22°37	2°54	6°12	20°45	16°53	3°39	4°31	3°37	n.a.	S 22
S 23	5 22 7	21°35'48	4♌59	4°46	5° 4	19°24	22°31	2°49	6°16	20°47	16°53	3°40	4°28	3°43	n.a.	S 23
M24	5 26 4	22°36'45	17°33	6°27	6° 8	19°13	22°25	2°45	6°19	20°49	16°54	3°41	4°25	3°50	n.a.	M24
T 25	5 30 0	23°37'41	29°50	8° 7	7°13	19° 2	22°19	2°40	6°23	20°51	16°54	3°42	4°22	3°57	n.a.	T 25
W26	5 33 57	24°38'36	11♍54	9°45	8°18	18°53	22°13	2°35	6°26	20°53	16°54	3°43	4°18	4° 4	n.a.	W26
T 27	5 37 53	25°39'31	23°50	11°22	9°23	18°44	22° 7	2°30	6°30	20°56	16°55	3°R43	4°15	4°10	n.a.	T 27
F 28	5 41 50	26°40'24	5♎43	12°56	10°28	18°36	22° 0	2°25	6°33	20°58	16°55	3°43	4°12	4°17	n.a.	F 28
S 29	5 45 47	27°41'16	17°36	14°27	11°34	18°28	21°54	2°21	6°37	21° 0	16°55	3°43	4° 9	4°24	n.a.	S 29
S 30	5 49 43	28°42'07	29°36	15°55	12°40	18°22	21°47	2°16	6°40	21° 2	16°56	3°42	4° 6	4°30	n.a.	S 30
M31	5 53 40	29♐42'56	11♏45	17♑18	13♏46	18♉16	21♋40	2♋11	6♐43	21♑ 4	16♓56	3♑42	4♑ 3	4♎37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s18	8s37	5s 9	21s24	1s30	2s27	3n 0	22n 9	2n34	22n38	0n59	23n59	0n14	21s34	0s 5	22s46	0s29	20s57	17s10	23s45	23s42	5s12		n.a.
S 2	20 31	13 8	4 57	21 50	1 34	2 47	3 2	22 4	2 36	22 39	1 0	23 59	0 14	21 34	0 5	22 46	0 29	20 57	17 9	23 46	23 42	5 15		n.a.
M 3	20 44	17 12	4 30	22 16	1 38	3 6	3 4	22 0	2 37	22 39	1 0	23 59	0 14	21 35	0 5	22 46	0 29	20 56	17 9	23 46	23 43	5 18		n.a.
T 4	20 57	20 35	3 52	22 40	1 42	3 26	3 7	21 56	2 39	22 40	1 0	24 0	0 14	21 36	0 5	22 45	0 29	20 56	17 9	23 46	23 43	5 20		n.a.
W 5	21 9	23 5	3 1	23 3	1 45	3 47	3 9	21 51	2 40	22 41	1 1	24 0	0 14	21 36	0 5	22 45	0 29	20 56	17 8	23 46	23 43	5 23		n.a.
T 6	21 21	24 28	2 1	23 24	1 49	4 7	3 10	21 47	2 42	22 42	1 1	24 0	0 14	21 37	0 5	22 45	0 29	20 56	17 8	23 46	23 43	5 26		n.a.
F 7	21 32	24 35	0 53	23 45	1 52	4 28	3 12	21 43	2 43	22 42	1 1	24 0	0 14	21 38	0 5	22 45	0 29	20 55	17 8	23 46	23 43	5 29		n.a.
S 8	21 43	23 20	0n18	24 4	1 54	4 50	3 13	21 38	2 44	22 43	1 1	24 1	0 14	21 38	0 5	22 44	0 29	20 55	17 7	23 46	23 43	5 31		n.a.
S 9	21 53	20 47	1 30	24 21	1 57	5 11	3 14	21 34	2 45	22 44	1 2	24 1	0 15	21 39	0 5	22 44	0 29	20 55	17 7	23 46	23 43	5 34		n.a.
M10	22 3	17 4	2 37	24 37	1 59	5 33	3 15	21 29	2 46	22 45	1 2	24 1	0 15	21 40	0 5	22 44	0 29	20 54	17 7	23 46	23 44	5 37		n.a.
T 11	22 13	12 25	3 37	24 52	2 0	5 54	3 16	21 25	2 47	22 46	1 2	24 1	0 15	21 40	0 5	22 44	0 29	20 54	17 6	23 46	23 44	5 40		n.a.
W12	22 22	7 3	4 26	25 5	2 1	6 16	3 16	21 21	2 48	22 47	1 2	24 2	0 15	21 41	0 5	22 43	0 29	20 54	17 6	23 46	23 44	5 42		n.a.
T 13	22 31	1 17	4 59	25 16	2 2	6 38	3 17	21 16	2 49	22 48	1 3	24 2	0 15	21 41	0 5	22 43	0 29	20 53	17 5	23 46	23 44	5 45		n.a.
F 14	22 39	4n38	5 14	25 25	2 2	7 1	3 17	21 12	2 50	22 49	1 3	24 2	0 15	21 42	0 5	22 43	0 29	20 53	17 5	23 46	23 44	5 48		n.a.
S 15	22 47	10 21	5 10	25 33	2 2	7 23	3 17	21 8	2 51	22 50	1 3	24 2	0 15	21 43	0 6	22 42	0 29	20 53	17 5	23 46	23 44	5 51		n.a.
S 16	22 54	15 32	4 46	25 39	2 1	7 45	3 17	21 4	2 51	22 51	1 3	24 3	0 15	21 43	0 6	22 42	0 29	20 52	17 4	23 46	23 44	5 53		n.a.
M17	23 1	19 50	4 5	25 43	2 0	8 8	3 17	21 0	2 52	22 52	1 4	24 3	0 16	21 44	0 6	22 42	0 29	20 52	17 4	23 46	23 44	5 56		n.a.
T 18	23 8	22 54	3 8	25 45	1 58	8 31	3 17	20 56	2 52	22 53	1 4	24 3	0 16	21 45	0 6	22 42	0 29	20 52	17 4	23 47	23 45	5 59		n.a.
W19	23 14	24 29	2 0	25 45	1 56	8 53	3 16	20 53	2 53	22 54	1 4	24 3	0 16	21 45	0 6	22 41	0 29	20 51	17 3	23 47	23 45	6 2		n.a.
T 20	23 19	24 31	0 46	25 43	1 53	9 16	3 15	20 49	2 53	22 55	1 4	24 3	0 16	21 46	0 6	22 41	0 29	20 51	17 3	23 47	23 45	6 4		n.a.
F 21	23 25	23 3	0s29	25 39	1 49	9 39	3 15	20 45	2 54	22 57	1 5	24 4	0 16	21 47	0 6	22 41	0 29	20 50	17 3	23 47	23 45	6 7		n.a.
S 22	23 29	20 20	1 40	25 32	1 45	10 1	3 14	20 42	2 54	22 58	1 5	24 4	0 16	21 47	0 6	22 40	0 29	20 50	17 2	23 47	23 45	6 10		n.a.
S 23	23 33	16 40	2 45	25 24	1 40	10 24	3 13	20 39	2 54	22 59	1 5	24 4	0 16	21 48	0 6	22 40	0 29	20 50	17 2	23 47	23 45	6 13		n.a.
M24	23 37	12 20	3 40	25 14	1 34	10 47	3 11	20 36	2 54	23 0	1 5	24 4	0 16	21 48	0 6	22 40	0 29	20 49	17 1	23 47	23 45	6 15		n.a.
T 25	23 40	7 37	4 23	25 2	1 27	11 9	3 10	20 33	2 54	23 1	1 6	24 5	0 16	21 49	0 6	22 39	0 29	20 49	17 1	23 47	23 45	6 18		n.a.
W26	23 43	2 41	4 54	24 47	1 20	11 32	3 9	20 30	2 54	23 3	1 6	24 5	0 17	21 50	0 6	22 39	0 29	20 48	17 1	23 46	23 45	6 21		n.a.
T 27	23 45	2s17	5 12	24 31	1 11	11 54	3 7	20 28	2 54	23 4	1 6	24 5	0 17	21 50	0 6	22 39	0 29	20 48	17 0	23 46	23 45	6 23		n.a.
F 28	23 47	7 8	5 17	24 13	1 2	12 16	3 5	20 26	2 54	23 5	1 6	24 5	0 17	21 51	0 6	22 38	0 29	20 47	17 0	23 46	23 46	6 26		n.a.
S 29	23 48	11 44	5 8	23 54	0 52	12 38	3 4	20 23	2 54	23 7	1 7	24 5	0 17	21 51	0 6	22 38	0 29	20 47	17 0	23 46	23 46	6 29		n.a.
S 30	23 49	15 56	4 45	23 32	0 41	13 1	3 2	20 21	2 54	23 8	1 7	24 6	0 17	21 52	0 6	22 38	0 29	20 46	16 59	23 47	23 46	6 32		n.a.
M31	23s50	19s33	4s10	23s10	0s29	13s22	3n 0	20n20	2n54	23n 9	1n 7	24n 6	0n17	21s53	0s 6	22s37	0s29	20s46	16s59	23s47	23s46	6s34		n.a.

Julian Day Number = 1313407.5, Delta T = 07h39m30s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'44, Lahiri = -19°22'44 Julian Calendar 1 Dec. 1118 BCE == Greg. Calendar 20 Nov. 1118 BCE

The year -1117 astronomical counting style corresponds to year 1118 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

JANUARY 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 36	0♉43'45	24♏ 7	18♉37	14♏52	18°R11	21°R34	2°R 6	6♐47	21♉ 6	16♓56	3°R41	3♉59	4♎44	n.a.	T 1
W 2	6 1 33	1°44'32	6♐44	19°50	15°59	18♉ 7	21♋27	2♋ 1	6°50	21° 8	16°57	3♉41	3°56	4°51	n.a.	W 2
T 3	6 5 29	2°45'18	19°39	20°57	17° 6	18° 4	21°20	1°56	6°53	21°11	16°57	3°41	3°53	4°57	n.a.	T 3
F 4	6 9 26	3°46'02	2♉51	21°57	18°13	18° 1	21°12	1°51	6°57	21°13	16°58	3°41	3°50	5° 4	n.a.	F 4
S 5	6 13 22	4°46'45	16°19	22°49	19°20	18° 0	21° 5	1°46	7° 0	21°15	16°58	3°41	3°47	5°11	n.a.	S 5
S 6	6 17 19	5°47'26	0♒ 3	23°33	20°27	17°59	20°58	1°42	7° 3	21°17	16°59	3°41	3°44	5°18	n.a.	S 6
M 7	6 21 16	6°48'06	13°58	24° 7	21°34	17°D59	20°50	1°37	7° 6	21°19	17° 0	3°40	3°40	5°24	n.a.	M 7
T 8	6 25 12	7°48'43	28° 2	24°32	22°42	17°59	20°43	1°32	7°10	21°22	17° 0	3°40	3°37	5°31	n.a.	T 8
W 9	6 29 9	8°49'19	12♓12	24°47	23°49	18° 0	20°35	1°27	7°13	21°24	17° 1	3°39	3°34	5°38	n.a.	W 9
T 10	6 33 5	9°49'52	26°24	24°R51	24°57	18° 3	20°28	1°22	7°16	21°26	17° 1	3°39	3°31	5°44	n.a.	T 10
F 11	6 37 2	10°50'24	10♈37	24°45	26° 5	18° 5	20°20	1°17	7°19	21°28	17° 2	3°D39	3°28	5°51	n.a.	F 11
S 12	6 40 58	11°50'53	24°47	24°29	27°13	18° 9	20°12	1°13	7°22	21°31	17° 3	3°39	3°24	5°58	n.a.	S 12
S 13	6 44 55	12°51'20	8♉53	24° 3	28°22	18°13	20° 5	1° 8	7°25	21°33	17° 3	3°40	3°21	6° 5	n.a.	S 13
M14	6 48 51	13°51'46	22°52	23°28	29°30	18°18	19°57	1° 3	7°28	21°35	17° 4	3°40	3°18	6°11	n.a.	M14
T 15	6 52 48	14°52'09	6♊43	22°44	0♐39	18°23	19°49	0°59	7°31	21°37	17° 5	3°41	3°15	6°18	n.a.	T 15
W16	6 56 45	15°52'30	20°24	21°53	1°47	18°30	19°41	0°54	7°34	21°40	17° 6	3°42	3°12	6°25	n.a.	W16
T 17	7 0 41	16°52'49	3♋52	20°56	2°56	18°36	19°33	0°49	7°37	21°42	17° 6	3°R42	3° 9	6°32	n.a.	T 17
F 18	7 4 38	17°53'07	17° 7	19°55	4° 5	18°44	19°25	0°45	7°40	21°44	17° 7	3°42	3° 5	6°38	n.a.	F 18
S 19	7 8 34	18°53'22	0♌ 6	18°52	5°14	18°52	19°18	0°40	7°43	21°46	17° 8	3°41	3° 2	6°45	n.a.	S 19
S 20	7 12 31	19°53'36	12°51	17°47	6°23	19° 1	19°10	0°36	7°46	21°49	17° 9	3°39	2°59	6°52	n.a.	S 20
M21	7 16 27	20°53'47	25°20	16°42	7°32	19°10	19° 2	0°31	7°49	21°51	17°10	3°36	2°56	6°58	n.a.	M21
T 22	7 20 24	21°53'57	7♍37	15°40	8°41	19°20	18°54	0°27	7°52	21°53	17°10	3°33	2°53	7° 5	n.a.	T 22
W23	7 24 20	22°54'05	19°42	14°41	9°51	19°30	18°46	0°23	7°54	21°55	17°11	3°31	2°50	7°12	n.a.	W23
T 24	7 28 17	23°54'11	1♎39	13°46	11° 0	19°41	18°38	0°18	7°57	21°58	17°12	3°28	2°46	7°19	n.a.	T 24
F 25	7 32 14	24°54'15	13°32	12°57	12°10	19°53	18°30	0°14	8° 0	22° 0	17°13	3°27	2°43	7°25	n.a.	F 25
S 26	7 36 10	25°54'18	25°25	12°13	13°19	20° 5	18°23	0°10	8° 3	22° 2	17°14	3°D26	2°40	7°32	n.a.	S 26
S 27	7 40 7	26°54'19	7♏23	11°36	14°29	20°17	18°15	0° 6	8° 5	22° 5	17°15	3°27	2°37	7°39	n.a.	S 27
M28	7 44 3	27°54'18	19°31	11° 6	15°39	20°30	18° 7	0° 2	8° 8	22° 7	17°16	3°28	2°34	7°46	n.a.	M28
T 29	7 48 0	28°54'15	1♐54	10°42	16°49	20°44	18° 0	29♊58	8°10	22° 9	17°17	3°30	2°30	7°52	n.a.	T 29
W30	7 51 56	29°54'11	14°35	10°25	17°59	20°58	17°52	29°54	8°13	22°11	17°18	3°31	2°27	7°59	n.a.	W30
T 31	7 55 53	0♒54'04	27♐37	10♉15	19♐ 9	21♉13	17♋44	29♊50	8♐15	22♉14	17♓19	3°R32	2♉24	8♎ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s50	22 s22	3 s22	22 s47	0 s16	13 s44	2n58	20n18	2n54	23n10	1n 7	24n 6	0n17	21 s53	0 s 6	22 s37	0 s29	20 s45	16 s59	23 s47	23 s46	6 s37			n.a.
W 2	23 49	24 9	2 24	22 23	0 3	14 6	2 55	20 17	2 54	23 12	1 7	24 6	0 17	21 54	0 6	22 37	0 29	20 45	16 58	23 47	23 46	6 40			n.a.
T 3	23 48	24 42	1 17	21 58	0n12	14 27	2 53	20 16	2 53	23 13	1 8	24 6	0 17	21 54	0 6	22 36	0 29	20 44	16 58	23 47	23 46	6 42			n.a.
F 4	23 46	23 52	0 5	21 34	0 27	14 48	2 51	20 15	2 53	23 14	1 8	24 6	0 18	21 55	0 6	22 36	0 29	20 44	16 57	23 47	23 46	6 45			n.a.
S 5	23 44	21 40	1n10	21 9	0 43	15 9	2 48	20 14	2 53	23 16	1 8	24 7	0 18	21 55	0 6	22 36	0 29	20 43	16 57	23 47	23 46	6 48			n.a.
S 6	23 42	18 10	2 21	20 46	0 59	15 29	2 46	20 13	2 52	23 17	1 8	24 7	0 18	21 56	0 6	22 35	0 29	20 43	16 57	23 47	23 46	6 50			n.a.
M 7	23 39	13 38	3 25	20 23	1 16	15 50	2 43	20 13	2 52	23 18	1 8	24 7	0 18	21 57	0 6	22 35	0 29	20 42	16 56	23 47	23 47	6 53			n.a.
T 8	23 36	8 19	4 18	20 2	1 33	16 10	2 40	20 12	2 52	23 20	1 8	24 7	0 18	21 57	0 6	22 35	0 29	20 42	16 56	23 47	23 47	6 56			n.a.
W 9	23 32	2 34	4 55	19 42	1 51	16 29	2 38	20 12	2 51	23 21	1 9	24 7	0 18	21 58	0 6	22 34	0 29	20 41	16 56	23 47	23 47	6 59			n.a.
T 10	23 27	3n21	5 14	19 25	2 8	16 49	2 35	20 13	2 51	23 22	1 9	24 7	0 18	21 58	0 6	22 34	0 29	20 41	16 55	23 47	23 47	7 1			n.a.
F 11	23 23	9 4	5 15	19 9	2 24	17 8	2 32	20 13	2 50	23 24	1 9	24 8	0 18	21 59	0 6	22 34	0 29	20 40	16 55	23 47	23 47	7 4			n.a.
S 12	23 17	14 19	4 56	18 57	2 40	17 27	2 29	20 13	2 50	23 25	1 9	24 8	0 18	21 59	0 6	22 33	0 29	20 39	16 55	23 47	23 47	7 7			n.a.
S 13	23 12	18 46	4 19	18 47	2 55	17 45	2 26	20 14	2 49	23 26	1 9	24 8	0 19	22 0	0 6	22 33	0 29	20 39	16 54	23 47	23 47	7 9			n.a.
M14	23 6	22 8	3 27	18 39	3 9	18 3	2 22	20 15	2 49	23 28	1 9	24 8	0 19	22 0	0 6	22 33	0 29	20 38	16 54	23 47	23 47	7 12			n.a.
T 15	22 59	24 9	2 24	18 34	3 21	18 21	2 19	20 16	2 48	23 29	1 10	24 8	0 19	22 1	0 6	22 32	0 29	20 38	16 54	23 47	23 47	7 15			n.a.
W16	22 52	24 41	1 13	18 32	3 32	18 38	2 16	20 17	2 48	23 30	1 10	24 8	0 19	22 1	0 6	22 32	0 29	20 37	16 53	23 47	23 47	7 17			n.a.
T 17	22 45	23 45	0 s 1	18 32	3 40	18 55	2 13	20 19	2 47	23 32	1 10	24 8	0 19	22 2	0 6	22 32	0 29	20 36	16 53	23 46	23 47	7 20			n.a.
F 18	22 37	21 30	1 13	18 35	3 47	19 11	2 9	20 20	2 46	23 33	1 10	24 9	0 19	22 2	0 6	22 31	0 29	20 36	16 53	23 47	23 47	7 23			n.a.
S 19	22 28	18 10	2 21	18 40	3 51	19 27	2 6	20 22	2 46	23 34	1 10	24 9	0 19	22 3	0 6	22 31	0 29	20 35	16 53	23 47	23 48	7 25			n.a.
S 20	22 20	14 2	3 20	18 46	3 53	19 43	2 3	20 24	2 45	23 35	1 10	24 9	0 19	22 3	0 6	22 30	0 29	20 35	16 52	23 47	23 48	7 28			n.a.
M21	22 10	9 24	4 8	18 55	3 53	19 58	1 59	20 26	2 45	23 37	1 10	24 9	0 19	22 4	0 6	22 30	0 29	20 34	16 52	23 47	23 48	7 31			n.a.
T 22	22 1	4 29	4 43	19 4	3 51	20 12	1 56	20 28	2 44	23 38	1 10	24 9	0 19	22 4	0 6	22 30	0 29	20 33	16 52	23 47	23 48	7 33			n.a.
W23	21 51	0 s32	5 6	19 15	3 47	20 26	1 52	20 30	2 43	23 39	1 11	24 9	0 20	22 5	0 6	22 29	0 29	20 33	16 51	23 47	23 48	7 36			n.a.
T 24	21 40	5 28	5 15	19 27	3 41	20 40	1 48	20 33	2 43	23 40	1 11	24 9	0 20	22 5	0 6	22 29	0 29	20 32	16 51	23 47	23 48	7 39			n.a.
F 25	21 30	10 10	5 10	19 39	3 33	20 53	1 45	20 35	2 42	23 42	1 11	24 9	0 20	22 6	0 6	22 29	0 29	20 32	16 51	23 47	23 48	7 41			n.a.
S 26	21 19	14 30	4 52	19 52	3 24	21 6	1 41	20 38	2 41	23 43	1 11	24 9	0 20	22 6	0 6	22 28	0 29	20 31	16 50	23 47	23 48	7 44			n.a.
S 27	21 7	18 18	4 21	20 6	3 14	21 18	1 38	20 41	2 41	23 44	1 11	24 10	0 20	22 7	0 6	22 28	0 29	20 30	16 50	23 47	23 48	7 46			n.a.
M28	20 55	21 24	3 39	20 19	3 3	21 29	1 34	20 44	2 40	23 45	1 11	24 10	0 20	22 7	0 6	22 28	0 29	20 30	16 50	23 47	23 48	7 49			n.a.
T 29	20 43	23 34	2 45	20 33	2 51	21 40	1 30	20 47	2 39	23 46	1 11	24 10	0 20	22 7	0 6	22 27	0 29	20 29	16 50	23 47	23 48	7 52			n.a.
W30	20 30	24 37	1 42	20 47	2 39	21 50	1 26	20 50	2 39	23 47	1 11	24 10	0 20	22 8	0 6	22 27	0 29	20 28	16 49	23 47	23 48	7 54			n.a.
T 31	20 s17	24 s21	0 s32	21 s 0	2n26	22 s 0	1n23	20n53	2n38	23n48	1n11	24n10	0n20	22 s 8	0 s 6	22 s27	0 s29	20 s28	16 s49	23 s47	23 s48	7 s57			n.a.

Julian Day Number = 1313438.5, Delta T = 07h39m28s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'40, Lahiri = -19°22'39 Julian Calendar 1 Jan. 1117 BCE == Greg. Calendar 21 Dec. 1118 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

FEBRUARY 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 59 49	1♒53'56	11♑ 3	10°D11	20♐19	21♉28	17°R37	29°R46	8♐18	22♑16	17♓20	3°R32	2♑21	8♎12	n.a.	F 1
S 2	8 3 46	2°53'46	24°51	10♑14	21°29	21°43	17♋30	29♊43	8°20	22°18	17°21	3♑31	2°18	8°19	n.a.	S 2
S 3	8 7 43	3°53'33	8♒59	10°23	22°40	21°59	17°22	29°39	8°23	22°20	17°22	3°28	2°15	8°26	n.a.	S 3
M 4	8 11 39	4°53'19	23°23	10°37	23°50	22°16	17°15	29°36	8°25	22°23	17°23	3°23	2°11	8°33	n.a.	M 4
T 5	8 15 36	5°53'02	7♓57	10°56	25° 0	22°33	17° 8	29°32	8°27	22°25	17°24	3°19	2° 8	8°39	n.a.	T 5
W 6	8 19 32	6°52'43	22°34	11°21	26°11	22°50	17° 1	29°29	8°30	22°27	17°25	3°14	2° 5	8°46	n.a.	W 6
T 7	8 23 29	7°52'21	7♈ 7	11°50	27°21	23° 8	16°54	29°26	8°32	22°29	17°26	3°10	2° 2	8°53	n.a.	T 7
F 8	8 27 25	8°51'57	21°32	12°24	28°32	23°26	16°47	29°22	8°34	22°32	17°27	3° 7	1°59	8°59	n.a.	F 8
S 9	8 31 22	9°51'30	5♉45	13° 2	29°42	23°44	16°40	29°19	8°36	22°34	17°28	3°D 5	1°56	9° 6	n.a.	S 9
S 10	8 35 18	10°51'01	19°43	13°44	0♑53	24° 3	16°33	29°16	8°38	22°36	17°30	3° 6	1°52	9°13	n.a.	S 10
M11	8 39 15	11°50'30	3♊26	14°29	2° 4	24°23	16°27	29°13	8°40	22°38	17°31	3° 7	1°49	9°20	n.a.	M11
T 12	8 43 11	12°49'56	16°55	15°19	3°15	24°42	16°20	29°10	8°42	22°40	17°32	3° 8	1°46	9°26	n.a.	T 12
W13	8 47 8	13°49'20	0♋11	16°11	4°25	25° 2	16°14	29° 8	8°44	22°42	17°33	3°R 9	1°43	9°33	n.a.	W13
T 14	8 51 5	14°48'41	13°15	17° 6	5°36	25°23	16° 8	29° 5	8°46	22°45	17°34	3° 9	1°40	9°40	n.a.	T 14
F 15	8 55 1	15°48'00	26° 6	18° 4	6°47	25°43	16° 2	29° 2	8°48	22°47	17°36	3° 6	1°36	9°47	n.a.	F 15
S 16	8 58 58	16°47'17	8♌47	19° 5	7°58	26° 5	15°56	29° 0	8°50	22°49	17°37	3° 2	1°33	9°53	n.a.	S 16
S 17	9 2 54	17°46'31	21°17	20° 9	9° 9	26°26	15°50	28°58	8°52	22°51	17°38	2°55	1°30	10° 0	n.a.	S 17
M18	9 6 51	18°45'43	3♍36	21°15	10°20	26°48	15°45	28°55	8°54	22°53	17°39	2°47	1°27	10° 7	n.a.	M18
T 19	9 10 47	19°44'53	15°46	22°23	11°31	27°10	15°39	28°53	8°55	22°55	17°40	2°38	1°24	10°13	n.a.	T 19
W20	9 14 44	20°44'01	27°48	23°34	12°42	27°32	15°34	28°51	8°57	22°57	17°42	2°30	1°21	10°20	n.a.	W20
T 21	9 18 40	21°43'07	9♎43	24°46	13°54	27°54	15°28	28°49	8°59	22°59	17°43	2°21	1°17	10°27	n.a.	T 21
F 22	9 22 37	22°42'11	21°36	26° 1	15° 5	28°17	15°23	28°47	9° 0	23° 1	17°44	2°15	1°14	10°34	n.a.	F 22
S 23	9 26 34	23°41'13	3♏28	27°18	16°16	28°40	15°18	28°45	9° 2	23° 3	17°45	2°10	1°11	10°40	n.a.	S 23
S 24	9 30 30	24°40'13	15°24	28°37	17°27	29° 4	15°14	28°44	9° 3	23° 5	17°47	2° 8	1° 8	10°47	n.a.	S 24
M25	9 34 27	25°39'11	27°30	29°57	18°39	29°28	15° 9	28°42	9° 5	23° 7	17°48	2°D 8	1° 5	10°54	n.a.	M25
T 26	9 38 23	26°38'07	9♐49	1♒19	19°50	29°52	15° 5	28°40	9° 6	23° 9	17°49	2° 8	1° 2	11° 1	n.a.	T 26
W27	9 42 20	27°37'02	22°28	2°44	21° 1	0♊16	15° 0	28°39	9° 8	23°11	17°51	2° 9	0°58	11° 7	n.a.	W27
T 28	9 46 16	28°35'55	5♑30	4° 9	22°13	0°40	14°56	28°38	9° 9	23°13	17°52	2°R10	0°55	11°14	n.a.	T 28
F 29	9 50 13	29♒34'45	18♑58	5♒37	23♑24	1♊ 5	14♋52	28♊37	9♐10	23♑15	17♓53	2♑ 8	0♑52	11♎21	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 3	22s41	0n41	21s13	2n13	22s 9	1n19	20n57	2n37	23n49	1n11	24n10	0n20	22s 9	0s 6	22s26	0s29	20s27	16s49	23s47	23s48	8s 0		n.a.
S 2	19 50	19 38	1 54	21 26	2 0	22 18	1 15	21 0	2 37	23 50	1 11	24 10	0 20	22 9	0 6	22 26	0 29	20 26	16 49	23 47	23 48	8 2		n.a.
S 3	19 36	15 23	3 2	21 39	1 46	22 26	1 11	21 4	2 36	23 51	1 11	24 10	0 20	22 10	0 6	22 25	0 29	20 26	16 48	23 47	23 49	8 5		n.a.
M 4	19 21	10 11	3 59	21 51	1 33	22 33	1 8	21 8	2 35	23 52	1 11	24 10	0 21	22 10	0 6	22 25	0 29	20 25	16 48	23 47	23 49	8 7		n.a.
T 5	19 6	4 23	4 42	22 2	1 20	22 40	1 4	21 11	2 35	23 53	1 11	24 10	0 21	22 10	0 6	22 25	0 29	20 24	16 48	23 47	23 49	8 10		n.a.
W 6	18 51	1n41	5 6	22 13	1 7	22 46	1 0	21 15	2 34	23 54	1 11	24 10	0 21	22 11	0 6	22 24	0 29	20 24	16 48	23 47	23 49	8 13		n.a.
T 7	18 36	7 37	5 11	22 23	0 54	22 52	0 56	21 19	2 33	23 55	1 11	24 10	0 21	22 11	0 6	22 24	0 29	20 23	16 47	23 47	23 49	8 15		n.a.
F 8	18 20	13 5	4 56	22 32	0 42	22 56	0 53	21 23	2 32	23 56	1 11	24 10	0 21	22 11	0 6	22 24	0 29	20 23	16 47	23 47	23 49	8 18		n.a.
S 9	18 4	17 46	4 22	22 41	0 30	23 1	0 49	21 27	2 32	23 57	1 11	24 11	0 21	22 12	0 6	22 23	0 29	20 22	16 47	23 47	23 49	8 20		n.a.
S 10	17 48	21 23	3 34	22 48	0 18	23 4	0 45	21 32	2 31	23 58	1 11	24 11	0 21	22 12	0 6	22 23	0 29	20 21	16 47	23 47	23 49	8 23		n.a.
M11	17 31	23 42	2 34	22 55	0 7	23 7	0 42	21 36	2 30	23 59	1 11	24 11	0 21	22 12	0 6	22 23	0 29	20 21	16 46	23 47	23 49	8 26		n.a.
T 12	17 14	24 37	1 27	23 0	0s 4	23 9	0 38	21 40	2 30	23 59	1 11	24 11	0 21	22 13	0 6	22 22	0 29	20 20	16 46	23 47	23 49	8 28		n.a.
W13	16 57	24 6	0 16	23 5	0 15	23 11	0 34	21 44	2 29	24 0	1 11	24 11	0 21	22 13	0 6	22 22	0 30	20 19	16 46	23 47	23 49	8 31		n.a.
T 14	16 39	22 15	0s54	23 8	0 25	23 12	0 30	21 49	2 28	24 1	1 11	24 11	0 21	22 13	0 6	22 22	0 30	20 19	16 46	23 47	23 49	8 33		n.a.
F 15	16 22	19 17	2 1	23 10	0 35	23 12	0 27	21 53	2 27	24 2	1 11	24 11	0 21	22 14	0 6	22 21	0 30	20 18	16 46	23 47	23 49	8 36		n.a.
S 16	16 3	15 27	3 1	23 11	0 44	23 12	0 23	21 58	2 27	24 2	1 11	24 11	0 22	22 14	0 6	22 21	0 30	20 17	16 45	23 48	23 49	8 39		n.a.
S 17	15 45	11 0	3 50	23 10	0 53	23 11	0 20	22 2	2 26	24 3	1 11	24 11	0 22	22 14	0 6	22 21	0 30	20 17	16 45	23 48	23 49	8 41		n.a.
M18	15 27	6 11	4 28	23 8	1 2	23 9	0 16	22 7	2 25	24 4	1 11	24 11	0 22	22 15	0 6	22 20	0 30	20 16	16 45	23 48	23 49	8 44		n.a.
T 19	15 8	1 12	4 54	23 5	1 10	23 7	0 12	22 11	2 25	24 4	1 11	24 11	0 22	22 15	0 6	22 20	0 30	20 15	16 45	23 48	23 49	8 46		n.a.
W20	14 49	3s46	5 6	23 1	1 18	23 4	0 9	22 16	2 24	24 5	1 11	24 11	0 22	22 15	0 6	22 20	0 30	20 15	16 45	23 48	23 49	8 49		n.a.
T 21	14 30	8 34	5 4	22 55	1 25	23 0	0 6	22 20	2 23	24 6	1 11	24 11	0 22	22 16	0 6	22 19	0 30	20 14	16 44	23 48	23 49	8 51		n.a.
F 22	14 10	13 1	4 50	22 48	1 32	22 56	0 2	22 25	2 23	24 6	1 11	24 11	0 22	22 16	0 6	22 19	0 30	20 13	16 44	23 49	23 49	8 54		n.a.
S 23	13 51	16 58	4 23	22 39	1 39	22 50	0s 1	22 30	2 22	24 7	1 11	24 11	0 22	22 16	0 6	22 19	0 30	20 13	16 44	23 49	23 49	8 57		n.a.
S 24	13 31	20 17	3 44	22 29	1 44	22 45	0 5	22 34	2 21	24 7	1 11	24 11	0 22	22 16	0 6	22 18	0 30	20 12	16 44	23 49	23 49	8 59		n.a.
M25	13 11	22 45	2 55	22 17	1 50	22 38	0 8	22 39	2 21	24 8	1 11	24 11	0 22	22 17	0 6	22 18	0 30	20 11	16 44	23 49	23 49	9 2		n.a.
T 26	12 50	24 13	1 57	22 3	1 55	22 31	0 11	22 43	2 20	24 8	1 11	24 12	0 22	22 17	0 6	22 18	0 30	20 11	16 44	23 49	23 49	9 4		n.a.
W27	12 30	24 28	0 52	21 48	2 0	22 24	0 15	22 48	2 19	24 9	1 11	24 12	0 22	22 17	0 6	22 17	0 30	20 10	16 44	23 49	23 49	9 7		n.a.
T 28	12 9	23 25	0n18	21 32	2 4	22 15	0 18	22 53	2 19	24 9	1 11	24 12	0 22	22 17	0 6	22 17	0 30	20 9	16 43	23 49	23 49	9 9		n.a.
F 29	11s48	21s 0	1n29	21s14	2s 7	22s 6	0s21	22n57	2n18	24n 9	1n11	24n12	0n22	22s17	0s 6	22s17	0s30	20s 9	16s43	23s49	23s50	9s12		n.a.

Julian Day Number = 1313469.5, Delta T = 07h39m27s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'36, Lahiri = -19°22'35 Julian Calendar 1 Feb. 1117 BCE == Greg. Calendar 21 Jan. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

MARCH 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 9	0♓33'34	2♒55	7♒ 6	24♑36	1♊30	14°R49	28°R36	9♐11	23♑17	17♓55	2°R 5	0♑49	11♎27	n.a.	S 1
S 2	9 58 6	1°32'21	17°17	8°37	25°47	1°55	14♋45	28♊35	9°12	23°19	17°56	1♑59	0°46	11°34	n.a.	S 2
M 3	10 2 2	2°31'05	2♓ 1	10° 9	26°59	2°21	14°42	28°34	9°14	23°21	17°57	1°51	0°42	11°41	n.a.	M 3
T 4	10 5 59	3°29'48	16°59	11°43	28°11	2°47	14°38	28°33	9°15	23°23	17°59	1°41	0°39	11°48	n.a.	T 4
W 5	10 9 56	4°28'28	2♈ 2	13°19	29°22	3°13	14°35	28°32	9°16	23°25	18° 0	1°32	0°36	11°54	n.a.	W 5
T 6	10 13 52	5°27'06	17° 0	14°56	0♒34	3°39	14°33	28°32	9°17	23°26	18° 1	1°24	0°33	12° 1	n.a.	T 6
F 7	10 17 49	6°25'42	1♉44	16°35	1°45	4° 5	14°30	28°31	9°17	23°28	18° 3	1°17	0°30	12° 8	n.a.	F 7
S 8	10 21 45	7°24'15	16° 9	18°15	2°57	4°32	14°27	28°31	9°18	23°30	18° 4	1°13	0°27	12°14	n.a.	S 8
S 9	10 25 42	8°22'46	0♊12	19°57	4° 9	4°59	14°25	28°31	9°19	23°32	18° 5	1°11	0°23	12°21	n.a.	S 9
M10	10 29 38	9°21'15	13°53	21°41	5°21	5°26	14°23	28°D31	9°20	23°33	18° 7	1°D11	0°20	12°28	n.a.	M10
T 11	10 33 35	10°19'42	27°13	23°26	6°32	5°53	14°21	28°31	9°21	23°35	18° 8	1°R11	0°17	12°35	n.a.	T 11
W12	10 37 31	11°18'06	10♋15	25°13	7°44	6°20	14°19	28°31	9°21	23°37	18°10	1°11	0°14	12°41	n.a.	W12
T 13	10 41 28	12°16'28	23° 1	27° 1	8°56	6°48	14°18	28°31	9°22	23°38	18°11	1° 9	0°11	12°48	n.a.	T 13
F 14	10 45 24	13°14'48	5♌35	28°51	10° 8	7°16	14°16	28°31	9°22	23°40	18°12	1° 5	0° 7	12°55	n.a.	F 14
S 15	10 49 21	14°13'05	17°59	0♓43	11°19	7°43	14°15	28°32	9°23	23°42	18°14	0°58	0° 4	13° 2	n.a.	S 15
S 16	10 53 18	15°11'21	0♍15	2°36	12°31	8°12	14°14	28°32	9°23	23°43	18°15	0°48	0° 1	13° 8	n.a.	S 16
M17	10 57 14	16° 9'34	12°23	4°31	13°43	8°40	14°13	28°33	9°24	23°45	18°17	0°35	29♐58	13°15	n.a.	M17
T 18	11 1 11	17° 7'46	24°24	6°27	14°55	9° 8	14°12	28°34	9°24	23°46	18°18	0°22	29°55	13°22	n.a.	T 18
W19	11 5 7	18° 5'55	6♎21	8°25	16° 7	9°37	14°12	28°35	9°24	23°48	18°19	0° 9	29°52	13°28	n.a.	W19
T 20	11 9 4	19° 4'03	18°14	10°25	17°19	10° 6	14°12	28°36	9°25	23°49	18°21	29♐56	29°48	13°35	n.a.	T 20
F 21	11 13 0	20° 2'09	0♏ 6	12°26	18°31	10°35	14°D11	28°37	9°25	23°51	18°22	29°46	29°45	13°42	n.a.	F 21
S 22	11 16 57	21° 0'14	11°58	14°29	19°43	11° 4	14°12	28°38	9°25	23°52	18°24	29°38	29°42	13°49	n.a.	S 22
S 23	11 20 53	21°58'17	23°54	16°33	20°55	11°33	14°12	28°39	9°25	23°54	18°25	29°32	29°39	13°55	n.a.	S 23
M24	11 24 50	22°56'18	5♐58	18°39	22° 7	12° 3	14°12	28°41	9°25	23°55	18°26	29°30	29°36	14° 2	n.a.	M24
T 25	11 28 47	23°54'18	18°15	20°45	23°19	12°32	14°13	28°42	9°R25	23°56	18°28	29°29	29°33	14° 9	n.a.	T 25
W26	11 32 43	24°52'16	0♑50	22°53	24°31	13° 2	14°14	28°44	9°25	23°58	18°29	29°29	29°29	14°15	n.a.	W26
T 27	11 36 40	25°50'13	13°48	25° 1	25°43	13°32	14°15	28°45	9°25	23°59	18°30	29°28	29°26	14°22	n.a.	T 27
F 28	11 40 36	26°48'09	27°13	27°11	26°55	14° 2	14°16	28°47	9°25	24° 0	18°32	29°27	29°23	14°29	n.a.	F 28
S 29	11 44 33	27°46'03	11♒ 7	29°20	28° 8	14°32	14°17	28°49	9°25	24° 2	18°33	29°22	29°20	14°36	n.a.	S 29
S 30	11 48 29	28°43'55	25°30	1♈30	29°20	15° 2	14°19	28°51	9°24	24° 3	18°35	29°16	29°17	14°42	n.a.	S 30
M31	11 52 26	29♓41'46	10♓19	3♈40	0♓32	15♊33	14♋20	28♊53	9♐24	24♑ 4	18♓36	29♐ 6	29♐13	14♎49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s27	17s17	2n37	20s54	2s10	21s57	0s24	23n 2	2n17	24n10	1n11	24n12	0n22	22s18	0s 6	22s16	0s30	20s 8	16s43	23s49	23s50	9s14		n.a.	S 1
S 2	11 6	12 28	3 37	20 32	2 13	21 46	0 27	23 7	2 17	24 10	1 11	24 12	0 23	22 18	0 6	22 16	0 30	20 7	16 43	23 49	23 50	9 17		n.a.	S 2
M 3	10 45	6 50	4 24	20 9	2 15	21 35	0 30	23 11	2 16	24 10	1 11	24 12	0 23	22 18	0 6	22 16	0 30	20 7	16 43	23 49	23 50	9 19		n.a.	M 3
T 4	10 23	0 43	4 54	19 44	2 17	21 24	0 33	23 16	2 15	24 11	1 11	24 12	0 23	22 18	0 6	22 15	0 30	20 6	16 43	23 49	23 50	9 22		n.a.	T 4
W 5	10 2	5n27	5 3	19 18	2 18	21 12	0 36	23 20	2 15	24 11	1 10	24 12	0 23	22 18	0 7	22 15	0 30	20 5	16 43	23 49	23 50	9 25		n.a.	W 5
T 6	9 40	11 16	4 52	18 50	2 19	20 59	0 39	23 25	2 14	24 11	1 10	24 12	0 23	22 18	0 7	22 15	0 30	20 5	16 43	23 49	23 50	9 27		n.a.	T 6
F 7	9 18	16 21	4 22	18 20	2 19	20 46	0 41	23 29	2 13	24 11	1 10	24 12	0 23	22 19	0 7	22 15	0 30	20 4	16 43	23 49	23 50	9 30		n.a.	F 7
S 8	8 56	20 22	3 36	17 48	2 19	20 32	0 44	23 34	2 13	24 12	1 10	24 12	0 23	22 19	0 7	22 14	0 30	20 4	16 43	23 49	23 50	9 32		n.a.	S 8
S 9	8 34	23 5	2 37	17 15	2 18	20 17	0 47	23 38	2 12	24 12	1 10	24 12	0 23	22 19	0 7	22 14	0 30	20 3	16 42	23 49	23 50	9 35		n.a.	S 9
M10	8 11	24 20	1 31	16 39	2 17	20 2	0 49	23 42	2 11	24 12	1 10	24 12	0 23	22 19	0 7	22 14	0 30	20 2	16 42	23 49	23 50	9 37		n.a.	M10
T 11	7 49	24 9	0 21	16 2	2 15	19 47	0 52	23 47	2 11	24 12	1 10	24 12	0 23	22 19	0 7	22 13	0 30	20 2	16 42	23 49	23 50	9 40		n.a.	T 11
W12	7 26	22 38	0s48	15 24	2 12	19 31	0 54	23 51	2 10	24 12	1 10	24 12	0 23	22 19	0 7	22 13	0 30	20 1	16 42	23 49	23 50	9 42		n.a.	W12
T 13	7 4	19 58	1 53	14 43	2 9	19 14	0 57	23 55	2 9	24 12	1 10	24 12	0 23	22 19	0 7	22 13	0 30	20 1	16 42	23 49	23 50	9 45		n.a.	T 13
F 14	6 41	16 24	2 52	14 1	2 6	18 57	0 59	23 59	2 9	24 12	1 10	24 12	0 23	22 19	0 7	22 13	0 30	20 0	16 42	23 49	23 50	9 47		n.a.	F 14
S 15	6 18	12 11	3 41	13 17	2 2	18 39	1 2	24 3	2 8	24 12	1 10	24 13	0 23	22 20	0 7	22 12	0 30	19 59	16 42	23 49	23 50	9 50		n.a.	S 15
S 16	5 56	7 32	4 19	12 32	1 57	18 20	1 4	24 7	2 7	24 12	1 9	24 13	0 23	22 20	0 7	22 12	0 30	19 59	16 42	23 50	23 50	9 52		n.a.	S 16
M17	5 33	2 38	4 45	11 45	1 52	18 2	1 6	24 11	2 7	24 12	1 9	24 13	0 23	22 20	0 7	22 12	0 30	19 58	16 42	23 50	23 50	9 55		n.a.	M17
T 18	5 10	2s18	4 59	10 56	1 46	17 42	1 8	24 15	2 6	24 12	1 9	24 13	0 24	22 20	0 7	22 12	0 30	19 58	16 42	23 50	23 50	9 57		n.a.	T 18
W19	4 47	7 7	4 58	10 5	1 40	17 22	1 10	24 19	2 5	24 12	1 9	24 13	0 24	22 20	0 7	22 11	0 30	19 57	16 42	23 50	23 50	10 0		n.a.	W19
T 20	4 24	11 39	4 45	9 13	1 33	17 2	1 12	24 23	2 5	24 12	1 9	24 13	0 24	22 20	0 7	22 11	0 30	19 56	16 42	23 50	23 50	10 2		n.a.	T 20
F 21	4 1	15 44	4 20	8 19	1 26	16 41	1 14	24 27	2 4	24 12	1 9	24 13	0 24	22 20	0 7	22 11	0 30	19 56	16 42	23 50	23 50	10 4		n.a.	F 21
S 22	3 37	19 12	3 43	7 24	1 18	16 20	1 16	24 30	2 3	24 12	1 9	24 13	0 24	22 20	0 7	22 11	0 30	19 55	16 42	23 50	23 50	10 7		n.a.	S 22
S 23	3 14	21 53	2 56	6 28	1 10	15 59	1 17	24 34	2 3	24 12	1 9	24 13	0 24	22 20	0 7	22 10	0 30	19 55	16 42	23 50	23 50	10 9		n.a.	S 23
M24	2 51	23 38	2 1	5 30	1 1	15 36	1 19	24 37	2 2	24 12	1 9	24 13	0 24	22 20	0 7	22 10	0 30	19 54	16 42	23 50	23 50	10 12		n.a.	M24
T 25	2 28	24 17	0 59	4 31	0 52	15 14	1 21	24 41	2 2	24 11	1 9	24 13	0 24	22 20	0 7	22 10	0 30	19 54	16 42	23 50	23 50	10 14		n.a.	T 25
W26	2 4	23 42	0n 7	3 31	0 43	14 51	1 22	24 44	2 1	24 11	1 8	24 13	0 24	22 20	0 7	22 10	0 30	19 53	16 42	23 50	23 50	10 17		n.a.	W26
T 27	1 41	21 51	1 15	2 30	0 33	14 28	1 24	24 47	2 0	24 11	1 8	24 13	0 24	22 20	0 7	22 10	0 30	19 53	16 42	23 50	23 50	10 19		n.a.	T 27
F 28	1 17	18 45	2 21	1 29	0 23	14 4	1 25	24 50	2 0	24 11	1 8	24 13	0 24	22 20	0 7	22 9	0 31	19 52	16 42	23 50	23 50	10 22		n.a.	F 28
S 29	0 54	14 30	3 21	0 27	0 12	13 40	1 26	24 53	1 59	24 11	1 8	24 13	0 24	22 20	0 7	22 9	0 31	19 52	16 42	23 50	23 50	10 24		n.a.	S 29
S 30	0 31	9 18	4 10	0n35	0 2	13 15	1 28	24 56	1 58	24 10	1 8	24 14	0 24	22 20	0 7	22 9	0 31	19 51	16 42	23 50	23 50	10 27		n.a.	S 30
M31	0s 7	3s26	4n44	1n37	0n 9	12s51	1s29	24n59	1n58	24n10	1n 8	24n14	0n24	22s20	0s 7	22s 9	0s31	19s50	16s42	23s49	23s50	10s29		n.a.	M31

Julian Day Number = 1313498.5, Delta T = 07h39m25s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'32, Lahiri = -19°22'31 Julian Calendar 1 March 1117 BCE == Greg. Calendar 19 Feb. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

APRIL 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 56 22	0♈39'36	25♓27	5♈50	1♓44	16♊ 3	14♋22	28♊55	9°R24	24♑ 5	18♓37	28°R56	29♐10	14♎56	n.a.	T 1
W 2	12 0 19	1°37'24	10♈44	7°59	2°56	16°34	14°24	28°58	9♐23	24° 6	18°39	28♐45	29° 7	15° 2	n.a.	W 2
T 3	12 4 15	2°35'10	25°58	10° 7	4° 9	17° 5	14°27	29° 0	9°23	24° 7	18°40	28°35	29° 4	15° 9	n.a.	T 3
F 4	12 8 12	3°32'55	10♉59	12°14	5°21	17°36	14°29	29° 3	9°22	24° 9	18°41	28°27	29° 1	15°16	n.a.	F 4
S 5	12 12 9	4°30'38	25°39	14°19	6°33	18° 7	14°32	29° 5	9°22	24°10	18°43	28°22	28°58	15°23	n.a.	S 5
S 6	12 16 5	5°28'19	9♊53	16°23	7°45	18°38	14°34	29° 8	9°21	24°11	18°44	28°19	28°54	15°29	n.a.	S 6
M 7	12 20 2	6°25'59	23°41	18°25	8°58	19° 9	14°37	29°11	9°21	24°12	18°45	28°D18	28°51	15°36	n.a.	M 7
T 8	12 23 58	7°23'37	7♋ 2	20°24	10°10	19°41	14°40	29°14	9°20	24°13	18°47	28°R18	28°48	15°43	n.a.	T 8
W 9	12 27 55	8°21'13	20° 1	22°22	11°22	20°12	14°44	29°17	9°19	24°13	18°48	28°18	28°45	15°49	n.a.	W 9
T 10	12 31 51	9°18'47	2♌41	24°16	12°35	20°44	14°47	29°20	9°18	24°14	18°49	28°16	28°42	15°56	n.a.	T 10
F 11	12 35 48	10°16'20	15° 6	26° 9	13°47	21°16	14°51	29°23	9°18	24°15	18°51	28°12	28°39	16° 3	n.a.	F 11
S 12	12 39 44	11°13'51	27°20	27°58	14°59	21°48	14°55	29°26	9°17	24°16	18°52	28° 5	28°35	16°10	n.a.	S 12
S 13	12 43 41	12°11'21	9♍25	29°44	16°12	22°20	14°59	29°29	9°16	24°17	18°53	27°55	28°32	16°16	n.a.	S 13
M14	12 47 38	13° 8'49	21°24	1♉28	17°24	22°52	15° 3	29°33	9°15	24°18	18°55	27°43	28°29	16°23	n.a.	M14
T 15	12 51 34	14° 6'16	3♎20	3° 8	18°37	23°24	15° 7	29°36	9°14	24°18	18°56	27°31	28°26	16°30	n.a.	T 15
W16	12 55 31	15° 3'41	15°13	4°46	19°49	23°57	15°11	29°40	9°13	24°19	18°57	27°18	28°23	16°36	n.a.	W16
T 17	12 59 27	16° 1'06	27° 5	6°20	21° 2	24°29	15°16	29°44	9°12	24°20	18°58	27° 5	28°19	16°43	n.a.	T 17
F 18	13 3 24	16°58'29	8♏57	7°51	22°14	25° 2	15°21	29°48	9°10	24°20	19° 0	26°55	28°16	16°50	n.a.	F 18
S 19	13 7 20	17°55'51	20°52	9°19	23°26	25°34	15°26	29°51	9° 9	24°21	19° 1	26°47	28°13	16°57	n.a.	S 19
S 20	13 11 17	18°53'13	2♐52	10°44	24°39	26° 7	15°31	29°55	9° 8	24°22	19° 2	26°42	28°10	17° 3	n.a.	S 20
M21	13 15 13	19°50'33	15° 0	12° 5	25°52	26°40	15°36	29°59	9° 7	24°22	19° 3	26°40	28° 7	17°10	n.a.	M21
T 22	13 19 10	20°47'53	27°20	13°23	27° 4	27°13	15°41	0♋ 4	9° 6	24°23	19° 5	26°D39	28° 4	17°17	n.a.	T 22
W23	13 23 7	21°45'12	9♑55	14°38	28°17	27°46	15°47	0° 8	9° 4	24°23	19° 6	26°40	28° 0	17°24	n.a.	W23
T 24	13 27 3	22°42'30	22°51	15°49	29°29	28°19	15°52	0°12	9° 3	24°24	19° 7	26°R40	27°57	17°30	n.a.	T 24
F 25	13 31 0	23°39'48	6♒10	16°57	0♈42	28°52	15°58	0°16	9° 1	24°24	19° 8	26°39	27°54	17°37	n.a.	F 25
S 26	13 34 56	24°37'05	19°57	18° 1	1°54	29°25	16° 4	0°21	9° 0	24°24	19° 9	26°37	27°51	17°44	n.a.	S 26
S 27	13 38 53	25°34'21	4♓12	19° 2	3° 7	29°59	16°10	0°26	8°58	24°25	19°11	26°32	27°48	17°50	n.a.	S 27
M28	13 42 49	26°31'36	18°53	19°59	4°20	0♋32	16°16	0°30	8°57	24°25	19°12	26°25	27°44	17°57	n.a.	M28
T 29	13 46 46	27°28'51	3♈55	20°53	5°32	1° 6	16°23	0°35	8°55	24°25	19°13	26°17	27°41	18° 4	n.a.	T 29
W30	13 50 42	28♈26'06	19♈ 9	21♉42	6♈45	1♋39	16♋29	0♋40	8♐54	24♑26	19♓14	26♐ 9	27♐38	18♎11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n16	2n44	5n 0	2n39	0n20	12s25	1s30	25n 2	1n57	24n10	1n 8	24n14	0n24	22s20	0s 7	22s 9	0s31	19s50	16s42	23s49	23s50	10s32		n.a.
W 2	0 39	8 48	4 54	3 41	0 30	12 0	1 31	25 4	1 57	24 9	1 8	24 14	0 24	22 20	0 7	22 9	0 31	19 49	16 42	23 49	23 50	10 34		n.a.
T 3	1 3	14 19	4 27	4 42	0 41	11 34	1 32	25 7	1 56	24 9	1 7	24 14	0 24	22 20	0 7	22 8	0 31	19 49	16 42	23 49	23 49	10 36		n.a.
F 4	1 26	18 52	3 42	5 42	0 51	11 8	1 33	25 9	1 55	24 9	1 7	24 14	0 24	22 20	0 7	22 8	0 31	19 49	16 43	23 49	23 49	10 39		n.a.
S 5	1 49	22 7	2 43	6 41	1 2	10 42	1 33	25 12	1 55	24 8	1 7	24 14	0 24	22 20	0 7	22 8	0 31	19 48	16 43	23 49	23 49	10 41		n.a.
S 6	2 12	23 52	1 36	7 38	1 11	10 15	1 34	25 14	1 54	24 8	1 7	24 14	0 25	22 20	0 7	22 8	0 31	19 48	16 43	23 49	23 49	10 44		n.a.
M 7	2 36	24 5	0 24	8 34	1 21	9 48	1 35	25 16	1 54	24 7	1 7	24 14	0 25	22 20	0 7	22 8	0 31	19 47	16 43	23 49	23 49	10 46		n.a.
T 8	2 59	22 52	0s46	9 29	1 30	9 21	1 35	25 18	1 53	24 7	1 7	24 14	0 25	22 19	0 7	22 8	0 31	19 47	16 43	23 49	23 49	10 48		n.a.
W 9	3 22	20 27	1 52	10 21	1 38	8 53	1 36	25 20	1 52	24 6	1 7	24 14	0 25	22 19	0 7	22 7	0 31	19 46	16 43	23 49	23 49	10 51		n.a.
T 10	3 45	17 6	2 51	11 12	1 46	8 26	1 36	25 21	1 52	24 6	1 7	24 14	0 25	22 19	0 7	22 7	0 31	19 46	16 43	23 49	23 49	10 53		n.a.
F 11	4 8	13 3	3 41	12 1	1 53	7 58	1 37	25 23	1 51	24 5	1 7	24 14	0 25	22 19	0 7	22 7	0 31	19 45	16 43	23 49	23 49	10 56		n.a.
S 12	4 31	8 33	4 19	12 47	2 0	7 29	1 37	25 25	1 51	24 5	1 6	24 14	0 25	22 19	0 7	22 7	0 31	19 45	16 43	23 49	23 49	10 58		n.a.
S 13	4 54	3 46	4 45	13 31	2 6	7 1	1 37	25 26	1 50	24 4	1 6	24 15	0 25	22 19	0 7	22 7	0 31	19 45	16 43	23 49	23 49	11 1		n.a.
M14	5 16	1s 6	4 59	14 13	2 11	6 32	1 37	25 27	1 49	24 4	1 6	24 15	0 25	22 19	0 7	22 7	0 31	19 44	16 44	23 48	23 49	11 3		n.a.
T 15	5 39	5 54	4 59	14 53	2 16	6 4	1 37	25 28	1 49	24 3	1 6	24 15	0 25	22 19	0 7	22 7	0 31	19 44	16 44	23 48	23 49	11 5		n.a.
W16	6 2	10 28	4 46	15 30	2 20	5 35	1 37	25 29	1 48	24 2	1 6	24 15	0 25	22 18	0 7	22 7	0 31	19 43	16 44	23 48	23 49	11 8		n.a.
T 17	6 24	14 39	4 21	16 6	2 23	5 6	1 37	25 30	1 48	24 2	1 6	24 15	0 25	22 18	0 7	22 7	0 31	19 43	16 44	23 48	23 49	11 10		n.a.
F 18	6 46	18 15	3 45	16 38	2 25	4 37	1 37	25 31	1 47	24 1	1 6	24 15	0 25	22 18	0 7	22 6	0 31	19 43	16 44	23 47	23 49	11 12		n.a.
S 19	7 9	21 7	2 58	17 9	2 27	4 7	1 37	25 31	1 46	24 0	1 6	24 15	0 25	22 18	0 7	22 6	0 31	19 42	16 44	23 47	23 49	11 15		n.a.
S 20	7 31	23 5	2 3	17 37	2 28	3 38	1 36	25 32	1 46	24 0	1 6	24 15	0 25	22 18	0 7	22 6	0 31	19 42	16 44	23 47	23 49	11 17		n.a.
M21	7 53	23 59	1 2	18 3	2 28	3 8	1 36	25 32	1 45	23 59	1 5	24 15	0 25	22 18	0 7	22 6	0 31	19 41	16 45	23 47	23 49	11 20		n.a.
T 22	8 15	23 44	0n 4	18 26	2 27	2 39	1 36	25 33	1 45	23 58	1 5	24 15	0 25	22 17	0 7	22 6	0 31	19 41	16 45	23 47	23 49	11 22		n.a.
W23	8 37	22 17	1 10	18 48	2 25	2 9	1 35	25 33	1 44	23 57	1 5	24 15	0 25	22 17	0 7	22 6	0 31	19 41	16 45	23 47	23 49	11 24		n.a.
T 24	8 58	19 38	2 15	19 7	2 23	1 39	1 35	25 32	1 43	23 57	1 5	24 15	0 25	22 17	0 7	22 6	0 31	19 40	16 45	23 47	23 49	11 27		n.a.
F 25	9 20	15 54	3 14	19 24	2 19	1 9	1 34	25 32	1 43	23 56	1 5	24 15	0 26	22 17	0 7	22 6	0 31	19 40	16 45	23 47	23 49	11 29		n.a.
S 26	9 41	11 12	4 5	19 38	2 15	0 39	1 33	25 32	1 42	23 55	1 5	24 15	0 26	22 17	0 7	22 6	0 31	19 40	16 45	23 47	23 49	11 31		n.a.
S 27	10 3	5 45	4 42	19 51	2 10	0 9	1 32	25 31	1 42	23 54	1 5	24 15	0 26	22 16	0 7	22 6	0 31	19 40	16 46	23 47	23 49	11 34		n.a.
M28	10 24	0n 9	5 2	20 1	2 4	0n21	1 32	25 31	1 41	23 53	1 5	24 15	0 26	22 16	0 7	22 6	0 31	19 39	16 46	23 47	23 48	11 36		n.a.
T 29	10 45	6 11	5 2	20 9	1 58	0 51	1 31	25 30	1 41	23 52	1 5	24 15	0 26	22 16	0 7	22 6	0 31	19 39	16 46	23 46	23 48	11 38		n.a.
W30	11n 5	11n56	4n41	20n16	1n50	1n21	1s30	25n29	1n40	23n52	1n 5	24n15	0n26	22s16	0s 7	22s 6	0s31	19s39	16s46	23s46	23s48	11s41		n.a.

Julian Day Number = 1313529.5, Delta T = 07h39m23s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'27, Lahiri = -19°22'27 Julian Calendar 1 Apr. 1117 BCE == Greg. Calendar 21 March 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

MAY 1117 BCE (-1116) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 54 39	29♈23'19	4♉25	22♉28	7♈58	2♋13	16♋36	0♋44	8°R52	24♑26	19♓15	26°R 1	27♐35	18♎17	n.a.	T 1
F 2	13 58 36	0♉20'32	19°32	23° 9	9°11	2°47	16°43	0°49	8♐50	24°26	19°16	25♐55	27°32	18°24	n.a.	F 2
S 3	14 2 32	1°17'45	4♊20	23°47	10°23	3°21	16°50	0°54	8°49	24°26	19°17	25°51	27°29	18°31	n.a.	S 3
S 4	14 6 29	2°14'56	18°44	24°20	11°36	3°55	16°57	0°59	8°47	24°26	19°18	25°49	27°25	18°37	n.a.	S 4
M 5	14 10 25	3°12'07	2♋40	24°49	12°49	4°29	17° 4	1° 5	8°45	24°27	19°19	25°D49	27°22	18°44	n.a.	M 5
T 6	14 14 22	4° 9'16	16° 8	25°14	14° 2	5° 3	17°11	1°10	8°43	24°27	19°20	25°50	27°19	18°51	n.a.	T 6
W 7	14 18 18	5° 6'25	29°11	25°34	15°15	5°38	17°19	1°15	8°41	24°27	19°21	25°R50	27°16	18°58	n.a.	W 7
T 8	14 22 15	6° 3'33	11♌52	25°50	16°27	6°12	17°26	1°21	8°39	24°R27	19°22	25°50	27°13	19° 4	n.a.	T 8
F 9	14 26 12	7° 0'40	24°15	26° 1	17°40	6°46	17°34	1°26	8°38	24°27	19°23	25°49	27°10	19°11	n.a.	F 9
S 10	14 30 8	7°57'47	6♍25	26° 8	18°53	7°21	17°42	1°31	8°36	24°27	19°24	25°45	27° 6	19°18	n.a.	S 10
S 11	14 34 5	8°54'53	18°26	26°R10	20° 6	7°56	17°50	1°37	8°34	24°26	19°25	25°40	27° 3	19°24	n.a.	S 11
M12	14 38 1	9°51'58	0♎21	26° 7	21°19	8°30	17°58	1°43	8°32	24°26	19°26	25°33	27° 0	19°31	n.a.	M12
T 13	14 41 58	10°49'02	12°13	26° 0	22°32	9° 5	18° 6	1°48	8°30	24°26	19°27	25°25	26°57	19°38	n.a.	T 13
W14	14 45 54	11°46'07	24° 5	25°49	23°45	9°40	18°14	1°54	8°28	24°26	19°28	25°17	26°54	19°45	n.a.	W14
T 15	14 49 51	12°43'10	5♏59	25°34	24°58	10°15	18°22	2° 0	8°25	24°26	19°29	25° 9	26°50	19°51	n.a.	T 15
F 16	14 53 47	13°40'14	17°56	25°15	26°11	10°50	18°31	2° 6	8°23	24°25	19°30	25° 3	26°47	19°58	n.a.	F 16
S 17	14 57 44	14°37'17	29°58	24°52	27°24	11°25	18°40	2°12	8°21	24°25	19°31	24°58	26°44	20° 5	n.a.	S 17
S 18	15 1 41	15°34'21	12♐ 7	24°25	28°37	12° 0	18°48	2°18	8°19	24°25	19°32	24°55	26°41	20°11	n.a.	S 18
M19	15 5 37	16°31'24	24°25	23°56	29°50	12°35	18°57	2°24	8°17	24°25	19°33	24°D55	26°38	20°18	n.a.	M19
T 20	15 9 34	17°28'28	6♑54	23°24	1♉ 3	13°10	19° 6	2°30	8°15	24°24	19°33	24°55	26°35	20°25	n.a.	T 20
W21	15 13 30	18°25'31	19°37	22°51	2°16	13°45	19°15	2°36	8°13	24°24	19°34	24°57	26°31	20°31	n.a.	W21
T 22	15 17 27	19°22'35	2♒37	22°16	3°29	14°21	19°24	2°42	8°10	24°23	19°35	24°58	26°28	20°38	n.a.	T 22
F 23	15 21 23	20°19'39	15°57	21°40	4°42	14°56	19°33	2°48	8° 8	24°23	19°36	24°R59	26°25	20°45	n.a.	F 23
S 24	15 25 20	21°16'43	29°39	21° 4	5°55	15°32	19°43	2°55	8° 6	24°22	19°37	24°59	26°22	20°52	n.a.	S 24
S 25	15 29 16	22°13'48	13♓44	20°28	7° 8	16° 8	19°52	3° 1	8° 4	24°22	19°37	24°57	26°19	20°58	n.a.	S 25
M26	15 33 13	23°10'52	28°11	19°54	8°22	16°43	20° 2	3° 7	8° 1	24°21	19°38	24°54	26°16	21° 5	n.a.	M26
T 27	15 37 10	24° 7'58	12♈57	19°20	9°35	17°19	20°11	3°14	7°59	24°21	19°39	24°51	26°12	21°12	n.a.	T 27
W28	15 41 6	25° 5'03	27°54	18°50	10°48	17°55	20°21	3°20	7°57	24°20	19°39	24°46	26° 9	21°18	n.a.	W28
T 29	15 45 3	26° 2'10	12♉56	18°21	12° 1	18°31	20°31	3°27	7°54	24°19	19°40	24°43	26° 6	21°25	n.a.	T 29
F 30	15 48 59	26°59'16	27°53	17°57	13°15	19° 7	20°41	3°34	7°52	24°19	19°41	24°40	26° 3	21°32	n.a.	F 30
S 31	15 52 56	27♉56'23	12♊37	17♉35	14♉28	19♋43	20♋51	3♋40	7♐50	24♑18	19♓41	24♐38	26♐ 0	21♎39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n26	16n57	3n59	20n20	1n42	1n51	1s29	25n28	1n39	23n51	1n 4	24n15	0n26	22s15	0s 7	22s 6	0s32	19s38	16s46	23s46	23s48	11s43			n.a.
F 2	11 47	20 48	3 2	20 22	1 33	2 21	1 28	25 27	1 39	23 50	1 4	24 15	0 26	22 15	0 7	22 6	0 32	19 38	16 47	23 46	23 48	11 45			n.a.
S 3	12 7	23 12	1 53	20 22	1 23	2 51	1 26	25 25	1 38	23 49	1 4	24 15	0 26	22 15	0 7	22 6	0 32	19 38	16 47	23 46	23 48	11 48			n.a.
S 4	12 27	23 58	0 38	20 20	1 13	3 21	1 25	25 24	1 38	23 48	1 4	24 15	0 26	22 15	0 7	22 6	0 32	19 38	16 47	23 46	23 48	11 50			n.a.
M 5	12 47	23 11	0s37	20 16	1 1	3 51	1 24	25 22	1 37	23 47	1 4	24 15	0 26	22 14	0 7	22 6	0 32	19 37	16 47	23 46	23 48	11 52			n.a.
T 6	13 7	21 4	1 47	20 11	0 49	4 21	1 23	25 20	1 36	23 46	1 4	24 15	0 26	22 14	0 7	22 6	0 32	19 37	16 47	23 46	23 48	11 55			n.a.
W 7	13 26	17 53	2 50	20 3	0 36	4 51	1 21	25 18	1 36	23 45	1 4	24 15	0 26	22 14	0 7	22 6	0 32	19 37	16 48	23 46	23 48	11 57			n.a.
T 8	13 45	13 58	3 42	19 54	0 23	5 21	1 20	25 16	1 35	23 43	1 4	24 15	0 26	22 14	0 7	22 6	0 32	19 37	16 48	23 46	23 48	11 59			n.a.
F 9	14 4	9 32	4 23	19 43	0 8	5 50	1 18	25 14	1 35	23 42	1 4	24 15	0 26	22 13	0 7	22 6	0 32	19 37	16 48	23 46	23 48	12 2			n.a.
S 10	14 23	4 49	4 50	19 30	0s 6	6 20	1 17	25 11	1 34	23 41	1 4	24 15	0 26	22 13	0 7	22 6	0 32	19 37	16 48	23 46	23 48	12 4			n.a.
S 11	14 42	0s 1	5 5	19 15	0 22	6 49	1 15	25 9	1 34	23 40	1 3	24 15	0 26	22 13	0 7	22 6	0 32	19 36	16 49	23 45	23 48	12 6			n.a.
M12	15 0	4 49	5 7	19 0	0 37	7 19	1 14	25 6	1 33	23 39	1 3	24 15	0 26	22 12	0 7	22 6	0 32	19 36	16 49	23 45	23 48	12 9			n.a.
T 13	15 19	9 25	4 55	18 42	0 53	7 48	1 12	25 3	1 32	23 38	1 3	24 15	0 26	22 12	0 8	22 6	0 32	19 36	16 49	23 45	23 48	12 11			n.a.
W14	15 37	13 40	4 30	18 24	1 10	8 17	1 10	25 0	1 32	23 36	1 3	24 15	0 27	22 12	0 8	22 6	0 32	19 36	16 49	23 45	23 47	12 13			n.a.
T 15	15 54	17 24	3 54	18 4	1 26	8 45	1 8	24 56	1 31	23 35	1 3	24 15	0 27	22 11	0 8	22 6	0 32	19 36	16 50	23 44	23 47	12 15			n.a.
F 16	16 12	20 26	3 7	17 44	1 43	9 14	1 7	24 53	1 31	23 34	1 3	24 15	0 27	22 11	0 8	22 6	0 32	19 36	16 50	23 44	23 47	12 18			n.a.
S 17	16 29	22 36	2 11	17 22	1 59	9 42	1 5	24 49	1 30	23 33	1 3	24 15	0 27	22 11	0 8	22 6	0 32	19 36	16 50	23 44	23 47	12 20			n.a.
S 18	16 46	23 45	1 9	17 0	2 15	10 11	1 3	24 46	1 30	23 31	1 3	24 15	0 27	22 10	0 8	22 7	0 32	19 35	16 50	23 44	23 47	12 22			n.a.
M19	17 3	23 45	0 3	16 38	2 31	10 39	1 1	24 42	1 29	23 30	1 3	24 15	0 27	22 10	0 8	22 7	0 32	19 35	16 51	23 44	23 47	12 24			n.a.
T 20	17 19	22 34	1n 5	16 15	2 46	11 6	0 59	24 38	1 28	23 29	1 3	24 15	0 27	22 10	0 8	22 7	0 32	19 35	16 51	23 44	23 47	12 27			n.a.
W21	17 35	20 13	2 11	15 53	3 0	11 34	0 57	24 34	1 28	23 27	1 3	24 15	0 27	22 9	0 8	22 7	0 32	19 35	16 51	23 44	23 47	12 29			n.a.
T 22	17 51	16 48	3 11	15 31	3 14	12 1	0 55	24 29	1 27	23 26	1 3	24 15	0 27	22 9	0 8	22 7	0 32	19 35	16 52	23 44	23 47	12 31			n.a.
F 23	18 7	12 27	4 3	15 9	3 26	12 28	0 53	24 25	1 27	23 24	1 3	24 15	0 27	22 9	0 8	22 7	0 32	19 35	16 52	23 44	23 47	12 34			n.a.
S 24	18 22	7 22	4 42	14 49	3 38	12 55	0 51	24 20	1 26	23 23	1 2	24 15	0 27	22 8	0 8	22 7	0 32	19 35	16 52	23 44	23 47	12 36			n.a.
S 25	18 37	1 47	5 6	14 30	3 48	13 21	0 49	24 15	1 26	23 21	1 2	24 15	0 27	22 8	0 8	22 7	0 32	19 35	16 52	23 44	23 47	12 38			n.a.
M26	18 52	4n 1	5 12	14 12	3 57	13 47	0 46	24 10	1 25	23 20	1 2	24 15	0 27	22 8	0 8	22 7	0 32	19 35	16 53	23 44	23 46	12 40			n.a.
T 27	19 7	9 44	4 57	13 56	4 4	14 13	0 44	24 5	1 24	23 18	1 2	24 15	0 27	22 7	0 8	22 8	0 32	19 35	16 53	23 44	23 46	12 43			n.a.
W28	19 21	14 58	4 22	13 42	4 10	14 39	0 42	23 59	1 24	23 17	1 2	24 14	0 27	22 7	0 8	22 8	0 32	19 35	16 53	23 43	23 46	12 45			n.a.
T 29	19 35	19 17	3 29	13 29	4 15	15 4	0 40	23 54	1 23	23 15	1 2	24 14	0 27	22 7	0 8	22 8	0 32	19 35	16 54	23 43	23 46	12 47			n.a.
F 30	19 48	22 18	2 21	13 20	4 18	15 28	0 37	23 48	1 23	23 14	1 2	24 14	0 27	22 6	0 8	22 8	0 32	19 35	16 54	23 43	23 46	12 49			n.a.
S 31	20n 1	23n46	1n 5	13n12	4s20	15n53	0s35	23n42	1n22	23n12	1n 2	24n14	0n28	22s 6	0s 8	22s 8	0s32	19s35	16s54	23s43	23s46	12s51			n.a.

Julian Day Number = 1313559.5, Delta T = 07h39m22s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'23, Lahiri = -19°22'23 Julian Calendar 1 May 1117 BCE == Greg. Calendar 20 Apr. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

JUNE 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 52	28♉53'30	27♊ 0	17°R18	15♉41	20♋19	21♋ 1	3♋47	7°R47	24°R17	19♓42	24°D38	25♐56	21♎45	n.a.	S 1
M 2	16 0 49	29°50'37	11♋ 0	17♉ 6	16°55	20°55	21°11	3°54	7♐45	24♏16	19°43	24♐38	25°53	21°52	n.a.	M 2
T 3	16 4 46	0♊47'44	24°33	16°58	18° 8	21°31	21°21	4° 0	7°42	24°16	19°43	24°40	25°50	21°59	n.a.	T 3
W 4	16 8 42	1°44'52	7♌41	16°D55	19°21	22° 8	21°32	4° 7	7°40	24°15	19°44	24°41	25°47	22° 5	n.a.	W 4
T 5	16 12 39	2°41'59	20°26	16°57	20°35	22°44	21°42	4°14	7°38	24°14	19°44	24°42	25°44	22°12	n.a.	T 5
F 6	16 16 35	3°39'07	2♍52	17° 4	21°48	23°21	21°53	4°21	7°35	24°13	19°45	24°R43	25°41	22°19	n.a.	F 6
S 7	16 20 32	4°36'15	15° 3	17°17	23° 2	23°57	22° 3	4°28	7°33	24°12	19°45	24°42	25°37	22°26	n.a.	S 7
S 8	16 24 28	5°33'23	27° 3	17°35	24°15	24°34	22°14	4°35	7°30	24°11	19°46	24°41	25°34	22°32	n.a.	S 8
M 9	16 28 25	6°30'31	8♎57	17°59	25°29	25°10	22°25	4°42	7°28	24°10	19°46	24°39	25°31	22°39	n.a.	M 9
T 10	16 32 21	7°27'40	20°49	18°28	26°42	25°47	22°36	4°49	7°26	24° 9	19°47	24°37	25°28	22°46	n.a.	T 10
W11	16 36 18	8°24'49	2♏42	19° 2	27°56	26°24	22°47	4°56	7°23	24° 8	19°47	24°34	25°25	22°52	n.a.	W11
T 12	16 40 15	9°21'59	14°39	19°42	29° 9	27° 1	22°58	5° 3	7°21	24° 7	19°47	24°32	25°21	22°59	n.a.	T 12
F 13	16 44 11	10°19'10	26°43	20°28	0♊23	27°38	23° 9	5°10	7°18	24° 6	19°48	24°30	25°18	23° 6	n.a.	F 13
S 14	16 48 8	11°16'21	8♐55	21°19	1°37	28°15	23°20	5°18	7°16	24° 5	19°48	24°29	25°15	23°13	n.a.	S 14
S 15	16 52 4	12°13'33	21°18	22°15	2°50	28°52	23°31	5°25	7°13	24° 4	19°49	24°D28	25°12	23°19	n.a.	S 15
M16	16 56 1	13°10'46	3♑51	23°16	4° 4	29°29	23°42	5°32	7°11	24° 3	19°49	24°28	25° 9	23°26	n.a.	M16
T 17	16 59 57	14° 8'00	16°38	24°23	5°18	0♌ 6	23°53	5°39	7° 9	24° 2	19°49	24°29	25° 6	23°33	n.a.	T 17
W18	17 3 54	15° 5'14	29°38	25°34	6°31	0°43	24° 5	5°47	7° 6	24° 1	19°49	24°30	25° 2	23°39	n.a.	W18
T 19	17 7 51	16° 2'30	12♒52	26°51	7°45	1°20	24°16	5°54	7° 4	23°59	19°50	24°31	24°59	23°46	n.a.	T 19
F 20	17 11 47	16°59'47	26°22	28°12	8°59	1°58	24°28	6° 1	7° 2	23°58	19°50	24°31	24°56	23°53	n.a.	F 20
S 21	17 15 44	17°57'05	10♓ 7	29°38	10°13	2°35	24°39	6° 9	6°59	23°57	19°50	24°32	24°53	23°59	n.a.	S 21
S 22	17 19 40	18°54'24	24° 7	1♊ 9	11°27	3°13	24°51	6°16	6°57	23°56	19°50	24°R32	24°50	24° 6	n.a.	S 22
M23	17 23 37	19°51'45	8♈22	2°43	12°40	3°50	25° 3	6°23	6°55	23°54	19°50	24°31	24°47	24°13	n.a.	M23
T 24	17 27 33	20°49'07	22°49	4°22	13°54	4°28	25°14	6°31	6°52	23°53	19°51	24°31	24°43	24°20	n.a.	T 24
W25	17 31 30	21°46'31	7♉24	6° 5	15° 8	5° 5	25°26	6°38	6°50	23°52	19°51	24°31	24°40	24°26	n.a.	W25
T 26	17 35 26	22°43'55	22° 1	7°51	16°22	5°43	25°38	6°46	6°48	23°50	19°51	24°31	24°37	24°33	n.a.	T 26
F 27	17 39 23	23°41'22	6♊36	9°40	17°36	6°21	25°50	6°53	6°45	23°49	19°51	24°30	24°34	24°40	n.a.	F 27
S 28	17 43 20	24°38'49	21° 2	11°33	18°50	6°59	26° 2	7° 1	6°43	23°48	19°51	24°30	24°31	24°46	n.a.	S 28
S 29	17 47 16	25°36'18	5♋13	13°28	20° 4	7°37	26°14	7° 8	6°41	23°46	19°51	24°30	24°27	24°53	n.a.	S 29
M30	17 51 13	26♊33'48	19♋ 5	15♊25	21♊18	8♌15	26♋26	7♋16	6♐39	23♑45	19°R51	24♐30	24♐24	25♎ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n14	23n35	0s13	13n 7	4s20	16n17	0s33	23n36	1n21	23n10	1n 2	24n14	0n28	22s 5	0s 8	22s 8	0s32	19s35	16s55	23s43	23s46	12s54		n.a.
M 2	20 27	21 53	1 29	13 5	4 19	16 40	0 30	23 30	1 21	23 9	1 2	24 14	0 28	22 5	0 8	22 8	0 32	19 35	16 55	23 43	23 46	12 56		n.a.
T 3	20 39	18 59	2 37	13 5	4 16	17 4	0 28	23 24	1 20	23 7	1 2	24 14	0 28	22 5	0 8	22 9	0 32	19 35	16 55	23 43	23 46	12 58		n.a.
W 4	20 51	15 11	3 35	13 8	4 12	17 26	0 26	23 17	1 20	23 5	1 2	24 14	0 28	22 4	0 8	22 9	0 32	19 35	16 56	23 43	23 46	13 0		n.a.
T 5	21 2	10 48	4 21	13 13	4 7	17 49	0 23	23 11	1 19	23 4	1 2	24 13	0 28	22 4	0 8	22 9	0 33	19 35	16 56	23 43	23 45	13 3		n.a.
F 6	21 13	6 5	4 53	13 21	4 1	18 10	0 21	23 4	1 19	23 2	1 2	24 13	0 28	22 3	0 8	22 9	0 33	19 35	16 56	23 43	23 45	13 5		n.a.
S 7	21 24	1 13	5 11	13 32	3 54	18 32	0 19	22 57	1 18	23 0	1 2	24 13	0 28	22 3	0 8	22 9	0 33	19 35	16 57	23 43	23 45	13 7		n.a.
S 8	21 35	3s36	5 15	13 45	3 46	18 53	0 16	22 50	1 17	22 58	1 2	24 13	0 28	22 3	0 8	22 10	0 33	19 36	16 57	23 43	23 45	13 9		n.a.
M 9	21 45	8 16	5 5	14 0	3 37	19 13	0 14	22 42	1 17	22 56	1 2	24 13	0 28	22 2	0 8	22 10	0 33	19 36	16 57	23 43	23 45	13 11		n.a.
T 10	21 54	12 36	4 43	14 18	3 27	19 33	0 11	22 35	1 16	22 55	1 1	24 12	0 28	22 2	0 8	22 10	0 33	19 36	16 58	23 43	23 45	13 13		n.a.
W11	22 4	16 29	4 8	14 37	3 16	19 52	0 9	22 27	1 16	22 53	1 1	24 12	0 28	22 1	0 8	22 10	0 33	19 36	16 58	23 43	23 45	13 16		n.a.
T 12	22 13	19 43	3 23	14 59	3 5	20 11	0 7	22 19	1 15	22 51	1 1	24 12	0 28	22 1	0 8	22 10	0 33	19 36	16 58	23 43	23 45	13 18		n.a.
F 13	22 21	22 8	2 28	15 23	2 53	20 30	0 4	22 11	1 15	22 49	1 1	24 12	0 28	22 1	0 8	22 11	0 33	19 36	16 59	23 43	23 45	13 20		n.a.
S 14	22 30	23 33	1 25	15 48	2 41	20 47	0 2	22 3	1 14	22 47	1 1	24 12	0 28	22 0	0 8	22 11	0 33	19 36	16 59	23 43	23 44	13 22		n.a.
S 15	22 37	23 50	0 18	16 15	2 28	21 5	0n 1	21 55	1 13	22 45	1 1	24 11	0 29	22 0	0 8	22 11	0 33	19 37	16 59	23 43	23 44	13 24		n.a.
M16	22 45	22 54	0n52	16 43	2 15	21 21	0 3	21 47	1 13	22 43	1 1	24 11	0 29	21 59	0 8	22 11	0 33	19 37	17 0	23 43	23 44	13 27		n.a.
T 17	22 52	20 48	2 0	17 13	2 1	21 37	0 6	21 38	1 12	22 41	1 1	24 11	0 29	21 59	0 8	22 11	0 33	19 37	17 0	23 43	23 44	13 29		n.a.
W18	22 59	17 35	3 3	17 43	1 48	21 53	0 8	21 29	1 12	22 39	1 1	24 11	0 29	21 59	0 8	22 12	0 33	19 37	17 0	23 43	23 44	13 31		n.a.
T 19	23 5	13 26	3 57	18 14	1 34	22 8	0 10	21 20	1 11	22 37	1 1	24 10	0 29	21 58	0 8	22 12	0 33	19 37	17 1	23 43	23 44	13 33		n.a.
F 20	23 11	8 33	4 40	18 46	1 21	22 22	0 13	21 11	1 10	22 35	1 1	24 10	0 29	21 58	0 8	22 12	0 33	19 38	17 1	23 43	23 44	13 35		n.a.
S 21	23 16	3 10	5 7	19 19	1 7	22 35	0 15	21 2	1 10	22 32	1 1	24 10	0 29	21 58	0 8	22 12	0 33	19 38	17 1	23 43	23 44	13 37		n.a.
S 22	23 21	2n28	5 17	19 51	0 53	22 48	0 17	20 53	1 9	22 30	1 1	24 10	0 29	21 57	0 8	22 13	0 33	19 38	17 2	23 43	23 43	13 39		n.a.
M23	23 26	8 4	5 8	20 23	0 40	23 1	0 20	20 43	1 9	22 28	1 1	24 9	0 29	21 57	0 8	22 13	0 33	19 38	17 2	23 43	23 43	13 42		n.a.
T 24	23 30	13 19	4 39	20 55	0 27	23 12	0 22	20 33	1 8	22 26	1 1	24 9	0 29	21 56	0 8	22 13	0 33	19 39	17 2	23 43	23 43	13 44		n.a.
W25	23 34	17 51	3 53	21 27	0 14	23 23	0 24	20 24	1 7	22 24	1 1	24 9	0 29	21 56	0 8	22 13	0 33	19 39	17 3	23 43	23 43	13 46		n.a.
T 26	23 37	21 19	2 51	21 57	0 2	23 33	0 27	20 14	1 7	22 21	1 1	24 8	0 29	21 56	0 8	22 14	0 33	19 39	17 3	23 43	23 43	13 48		n.a.
F 27	23 40	23 22	1 38	22 26	0n10	23 43	0 29	20 3	1 6	22 19	1 1	24 8	0 29	21 55	0 8	22 14	0 33	19 39	17 3	23 43	23 43	13 50		n.a.
S 28	23 43	23 50	0 19	22 54	0 22	23 52	0 31	19 53	1 6	22 17	1 1	24 8	0 29	21 55	0 8	22 14	0 33	19 40	17 4	23 43	23 43	13 52		n.a.
S 29	23 45	22 44	0s59	23 20	0 33	24 0	0 33	19 43	1 5	22 15	1 1	24 7	0 30	21 54	0 8	22 14	0 33	19 40	17 4	23 43	23 43	13 54		n.a.
M30	23n47	20n16	2s12	23n44	0n43	24n 8	0n35	19n32	1n 5	22n12	1n 1	24n 7	0n30	21s54	0s 8	22s15	0s33	19s40	17s 4	23s43	23s42	13s56		n.a.

Julian Day Number = 1313590.5, Delta T = 07h39m20s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'19, Lahiri = -19°22'19 Julian Calendar 1 June 1117 BCE == Greg. Calendar 21 May 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

JULY 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 9	27♊31'19	2♌36	17♊24	22♊32	8♌53	26♋38	7♋23	6°R36	23°R43	19°R51	24°R30	24♐21	25♎ 7	n.a.	T 1
W 2	17 59 6	28°28'51	15°45	19°24	23°46	9°31	26°50	7°31	6♐34	23♑42	19♓51	24♐30	24°18	25°13	n.a.	W 2
T 3	18 3 2	29°26'24	28°32	21°26	25° 1	10° 9	27° 3	7°38	6°32	23°41	19°51	24°29	24°15	25°20	n.a.	T 3
F 4	18 6 59	0♋23'58	11♍ 0	23°28	26°15	10°48	27°15	7°46	6°30	23°39	19°51	24°29	24°12	25°27	n.a.	F 4
S 5	18 10 55	1°21'33	23°13	25°31	27°29	11°26	27°27	7°54	6°28	23°38	19°51	24°28	24° 8	25°33	n.a.	S 5
S 6	18 14 52	2°19'09	5♎14	27°34	28°43	12° 4	27°40	8° 1	6°26	23°36	19°51	24°D28	24° 5	25°40	n.a.	S 6
M 7	18 18 49	3°16'47	17° 8	29°37	29°57	12°43	27°52	8° 9	6°24	23°35	19°51	24°29	24° 2	25°47	n.a.	M 7
T 8	18 22 45	4°14'26	29° 1	1♋39	1♋11	13°21	28° 4	8°16	6°22	23°33	19°50	24°29	23°59	25°53	n.a.	T 8
W 9	18 26 42	5°12'06	10♏55	3°41	2°26	14° 0	28°17	8°24	6°19	23°32	19°50	24°30	23°56	26° 0	n.a.	W 9
T 10	18 30 38	6° 9'47	22°55	5°43	3°40	14°38	28°29	8°32	6°17	23°30	19°50	24°31	23°53	26° 7	n.a.	T 10
F 11	18 34 35	7° 7'30	5♐ 6	7°43	4°54	15°17	28°42	8°39	6°16	23°28	19°50	24°32	23°49	26°14	n.a.	F 11
S 12	18 38 31	8° 5'14	17°28	9°43	6° 8	15°56	28°54	8°47	6°14	23°27	19°50	24°33	23°46	26°20	n.a.	S 12
S 13	18 42 28	9° 3'00	0♑ 6	11°41	7°23	16°35	29° 7	8°54	6°12	23°25	19°49	24°R33	23°43	26°27	n.a.	S 13
M14	18 46 24	10° 0'47	12°59	13°39	8°37	17°13	29°20	9° 2	6°10	23°24	19°49	24°32	23°40	26°34	n.a.	M14
T 15	18 50 21	10°58'36	26° 8	15°35	9°51	17°52	29°32	9°10	6° 8	23°22	19°49	24°31	23°37	26°40	n.a.	T 15
W16	18 54 18	11°56'26	9♒32	17°30	11° 6	18°31	29°45	9°17	6° 6	23°21	19°48	24°29	23°33	26°47	n.a.	W16
T 17	18 58 14	12°54'18	23° 9	19°23	12°20	19°10	29°58	9°25	6° 4	23°19	19°48	24°26	23°30	26°54	n.a.	T 17
F 18	19 2 11	13°52'13	6♓59	21°16	13°35	19°50	0♌10	9°32	6° 3	23°17	19°48	24°24	23°27	27° 1	n.a.	F 18
S 19	19 6 7	14°50'09	20°57	23° 7	14°49	20°29	0°23	9°40	6° 1	23°16	19°47	24°22	23°24	27° 7	n.a.	S 19
S 20	19 10 4	15°48'07	5♈ 3	24°57	16° 4	21° 8	0°36	9°48	5°59	23°14	19°47	24°20	23°21	27°14	n.a.	S 20
M21	19 14 0	16°46'07	19°14	26°45	17°18	21°47	0°49	9°55	5°58	23°12	19°47	24°D20	23°18	27°21	n.a.	M21
T 22	19 17 57	17°44'09	3♉27	28°32	18°33	22°27	1° 2	10° 3	5°56	23°11	19°46	24°21	23°14	27°27	n.a.	T 22
W23	19 21 53	18°42'13	17°41	0♌18	19°47	23° 6	1°15	10°10	5°54	23° 9	19°46	24°22	23°11	27°34	n.a.	W23
T 24	19 25 50	19°40'20	1♊53	2° 3	21° 2	23°46	1°27	10°18	5°53	23° 7	19°45	24°23	23° 8	27°41	n.a.	T 24
F 25	19 29 47	20°38'29	16° 1	3°46	22°16	24°25	1°40	10°26	5°51	23° 6	19°45	24°24	23° 5	27°47	n.a.	F 25
S 26	19 33 43	21°36'39	0♋ 0	5°28	23°31	25° 5	1°53	10°33	5°50	23° 4	19°44	24°R25	23° 2	27°54	n.a.	S 26
S 27	19 37 40	22°34'52	13°49	7° 9	24°46	25°44	2° 6	10°41	5°49	23° 3	19°44	24°23	22°59	28° 1	n.a.	S 27
M28	19 41 36	23°33'07	27°25	8°49	26° 0	26°24	2°19	10°48	5°47	23° 1	19°43	24°21	22°55	28° 8	n.a.	M28
T 29	19 45 33	24°31'23	10♌44	10°27	27°15	27° 4	2°32	10°56	5°46	22°59	19°43	24°17	22°52	28°14	n.a.	T 29
W30	19 49 29	25°29'41	23°46	12° 5	28°30	27°44	2°45	11° 3	5°45	22°58	19°42	24°12	22°49	28°21	n.a.	W30
T 31	19 53 26	26♋28'02	6♍29	13♌41	29♋44	28♌24	2♌58	11♋11	5♐43	22♑56	19♓41	24♐ 6	22♐46	28♎28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	16n43	3s16	24n 5	0n52	24n14	0n38	19n21	1n 4	22n10	1n 1	24n 7	0n30	21s54	0s 8	22s15	0s33	19s41	17s 5	23s43	23s42	13s58		n.a.	T 1
W 2	23 49	12 26	4 7	24 25	1 1	24 20	0 40	19 10	1 3	22 7	1 1	24 6	0 30	21 53	0 8	22 15	0 33	19 41	17 5	23 43	23 42	14 1		n.a.	W 2
T 3	23 50	7 43	4 45	24 42	1 9	24 26	0 42	18 59	1 3	22 5	1 1	24 6	0 30	21 53	0 8	22 16	0 33	19 41	17 5	23 43	23 42	14 3		n.a.	T 3
F 4	23 50	2 49	5 8	24 56	1 17	24 30	0 44	18 48	1 2	22 3	1 1	24 6	0 30	21 53	0 8	22 16	0 33	19 41	17 6	23 43	23 42	14 5		n.a.	F 4
S 5	23 49	2s 6	5 17	25 8	1 23	24 34	0 46	18 37	1 2	22 0	1 1	24 5	0 30	21 52	0 8	22 16	0 33	19 42	17 6	23 43	23 42	14 7		n.a.	S 5
S 6	23 48	6 52	5 11	25 17	1 29	24 37	0 48	18 25	1 1	21 58	1 1	24 5	0 30	21 52	0 8	22 16	0 33	19 42	17 6	23 43	23 42	14 9		n.a.	S 6
M 7	23 47	11 20	4 53	25 23	1 34	24 39	0 50	18 14	1 0	21 55	1 1	24 4	0 30	21 51	0 8	22 17	0 33	19 43	17 7	23 43	23 41	14 11		n.a.	M 7
T 8	23 45	15 21	4 21	25 27	1 38	24 41	0 51	18 2	1 0	21 53	1 1	24 4	0 30	21 51	0 8	22 17	0 33	19 43	17 7	23 43	23 41	14 13		n.a.	T 8
W 9	23 43	18 48	3 39	25 28	1 41	24 42	0 53	17 50	0 59	21 50	1 1	24 4	0 30	21 51	0 8	22 17	0 33	19 43	17 7	23 43	23 41	14 15		n.a.	W 9
T 10	23 41	21 29	2 46	25 26	1 44	24 42	0 55	17 38	0 59	21 47	1 1	24 3	0 30	21 50	0 8	22 18	0 33	19 44	17 8	23 43	23 41	14 17		n.a.	T 10
F 11	23 38	23 13	1 46	25 22	1 46	24 41	0 57	17 26	0 58	21 45	1 1	24 3	0 30	21 50	0 8	22 18	0 33	19 44	17 8	23 43	23 41	14 19		n.a.	F 11
S 12	23 35	23 52	0 39	25 15	1 47	24 40	0 59	17 14	0 57	21 42	1 1	24 2	0 31	21 50	0 8	22 18	0 33	19 44	17 8	23 43	23 41	14 21		n.a.	S 12
S 13	23 31	23 19	0n31	25 6	1 48	24 37	1 0	17 1	0 57	21 40	1 1	24 2	0 31	21 49	0 8	22 18	0 33	19 45	17 9	23 43	23 41	14 23		n.a.	S 13
M14	23 27	21 31	1 40	24 54	1 48	24 34	1 2	16 49	0 56	21 37	1 1	24 2	0 31	21 49	0 8	22 19	0 33	19 45	17 9	23 43	23 40	14 25		n.a.	M14
T 15	23 22	18 33	2 46	24 41	1 47	24 31	1 4	16 36	0 56	21 34	1 1	24 1	0 31	21 49	0 8	22 19	0 33	19 46	17 9	23 43	23 40	14 27		n.a.	T 15
W16	23 17	14 34	3 43	24 25	1 46	24 26	1 5	16 23	0 55	21 31	1 1	24 1	0 31	21 48	0 8	22 19	0 33	19 46	17 10	23 43	23 40	14 30		n.a.	W16
T 17	23 11	9 47	4 29	24 8	1 45	24 21	1 7	16 10	0 54	21 29	1 1	24 0	0 31	21 48	0 8	22 20	0 33	19 47	17 10	23 42	23 40	14 32		n.a.	T 17
F 18	23 5	4 27	5 0	23 48	1 43	24 15	1 8	15 57	0 54	21 26	1 1	24 0	0 31	21 48	0 8	22 20	0 33	19 47	17 10	23 42	23 40	14 34		n.a.	F 18
S 19	22 59	1n10	5 14	23 27	1 40	24 8	1 9	15 44	0 53	21 23	1 1	23 59	0 31	21 48	0 8	22 20	0 33	19 47	17 11	23 42	23 40	14 36		n.a.	S 19
S 20	22 52	6 45	5 9	23 4	1 37	24 1	1 11	15 31	0 53	21 20	1 1	23 59	0 31	21 47	0 8	22 20	0 34	19 48	17 11	23 42	23 39	14 38		n.a.	S 20
M21	22 45	12 2	4 46	22 40	1 33	23 53	1 12	15 17	0 52	21 18	1 1	23 58	0 31	21 47	0 8	22 21	0 34	19 48	17 11	23 42	23 39	14 40		n.a.	M21
T 22	22 38	16 41	4 5	22 15	1 29	23 44	1 13	15 4	0 51	21 15	1 1	23 58	0 31	21 47	0 8	22 21	0 34	19 49	17 12	23 42	23 39	14 42		n.a.	T 22
W23	22 30	20 23	3 8	21 48	1 25	23 34	1 14	14 50	0 51	21 12	1 1	23 57	0 32	21 46	0 8	22 21	0 34	19 49	17 12	23 42	23 39	14 44		n.a.	W23
T 24	22 22	22 50	2 1	21 20	1 20	23 24	1 15	14 36	0 50	21 9	1 1	23 57	0 32	21 46	0 8	22 22	0 34	19 50	17 12	23 42	23 39	14 46		n.a.	T 24
F 25	22 13	23 50	0 46	20 51	1 15	23 13	1 16	14 22	0 49	21 6	1 1	23 56	0 32	21 46	0 8	22 22	0 34	19 50	17 12	23 42	23 39	14 48		n.a.	F 25
S 26	22 4	23 19	0s31	20 21	1 10	23 1	1 17	14 8	0 49	21 3	1 1	23 56	0 32	21 46	0 8	22 22	0 34	19 51	17 13	23 42	23 38	14 50		n.a.	S 26
S 27	21 54	21 22	1 44	19 49	1 5	22 48	1 18	13 54	0 48	21 0	1 1	23 55	0 32	21 45	0 8	22 23	0 34	19 51	17 13	23 42	23 38	14 52		n.a.	S 27
M28	21 44	18 13	2 51	19 17	0 59	22 35	1 19	13 40	0 48	20 57	1 1	23 55	0 32	21 45	0 8	22 23	0 34	19 52	17 13	23 42	23 38	14 54		n.a.	M28
T 29	21 34	14 12	3 47	18 45	0 53	22 21	1 20	13 25	0 47	20 54	1 1	23 54	0 32	21 45	0 8	22 23	0 34	19 52	17 14	23 42	23 38	14 56		n.a.	T 29
W30	21 23	9 35	4 29	18 11	0 46	22 7	1 21	13 11	0 46	20 51	1 1	23 54	0 32	21 45	0 8	22 23	0 34	19 53	17 14	23 42	23 38	14 58		n.a.	W30
T 31	21n12	4n41	4s57	17n37	0n40	21n52	1n21	12n56	0n46	20n48	1n 1	23n53	0n32	21s44	0s 8	22s24	0s34	19s53	17s14	23s42	23s38	15s 0		n.a.	T 31

Julian Day Number = 1313620.5, Delta T = 07h39m19s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'15, Lahiri = -19°22'15 Julian Calendar 1 July 1117 BCE == Greg. Calendar 20 June 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

AUGUST 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 57 22	27♋26'23	18♍56	15♌16	0♌59	29♌ 4	3♌11	11♋18	5°R42	22°R54	19°R41	24°R 1	22♐43	28♎34	n.a.	F 1
S 2	20 1 19	28°24'47	1♎ 9	16°49	2°14	29°44	3°24	11°25	5♐41	22♑53	19♓40	23♐57	22°39	28°41	n.a.	S 2
S 3	20 5 16	29°23'12	13°10	18°22	3°28	0♍24	3°37	11°33	5°40	22°51	19°39	23°54	22°36	28°48	n.a.	S 3
M 4	20 9 12	0♌21'39	25° 3	19°53	4°43	1° 4	3°50	11°40	5°39	22°49	19°39	23°D53	22°33	28°54	n.a.	M 4
T 5	20 13 9	1°20'08	6♏55	21°24	5°58	1°44	4° 3	11°47	5°38	22°48	19°38	23°53	22°30	29° 1	n.a.	T 5
W 6	20 17 5	2°18'39	18°49	22°53	7°13	2°25	4°16	11°55	5°37	22°46	19°37	23°54	22°27	29° 8	n.a.	W 6
T 7	20 21 2	3°17'11	0♐50	24°21	8°27	3° 5	4°29	12° 2	5°36	22°44	19°37	23°55	22°24	29°14	n.a.	T 7
F 8	20 24 58	4°15'46	13° 3	25°47	9°42	3°45	4°42	12° 9	5°35	22°43	19°36	23°57	22°20	29°21	n.a.	F 8
S 9	20 28 55	5°14'22	25°33	27°13	10°57	4°26	4°56	12°17	5°34	22°41	19°35	23°R57	22°17	29°28	n.a.	S 9
S 10	20 32 51	6°13'00	8♑22	28°37	12°12	5° 6	5° 9	12°24	5°33	22°40	19°34	23°56	22°14	29°35	n.a.	S 10
M11	20 36 48	7°11'40	21°32	0♒ 0	13°27	5°47	5°22	12°31	5°33	22°38	19°34	23°53	22°11	29°41	n.a.	M11
T 12	20 40 45	8°10'23	5♒ 3	1°22	14°41	6°28	5°35	12°38	5°32	22°37	19°33	23°48	22° 8	29°48	n.a.	T 12
W13	20 44 41	9° 9'07	18°53	2°43	15°56	7° 8	5°48	12°45	5°31	22°35	19°32	23°42	22° 5	29°55	n.a.	W13
T 14	20 48 38	10° 7'53	2♓58	4° 2	17°11	7°49	6° 1	12°52	5°31	22°33	19°31	23°34	22° 1	0♏ 1	n.a.	T 14
F 15	20 52 34	11° 6'41	17°15	5°20	18°26	8°30	6°14	12°59	5°30	22°32	19°30	23°27	21°58	0° 8	n.a.	F 15
S 16	20 56 31	12° 5'32	1♈36	6°36	19°41	9°11	6°27	13° 6	5°29	22°30	19°29	23°20	21°55	0°15	n.a.	S 16
S 17	21 0 27	13° 4'26	15°58	7°50	20°56	9°52	6°40	13°13	5°29	22°29	19°28	23°15	21°52	0°21	n.a.	S 17
M18	21 4 24	14° 3'21	0♉16	9° 4	22°11	10°33	6°53	13°20	5°29	22°27	19°28	23°13	21°49	0°28	n.a.	M18
T 19	21 8 20	15° 2'19	14°27	10°15	23°25	11°14	7° 6	13°27	5°28	22°26	19°27	23°D12	21°45	0°35	n.a.	T 19
W20	21 12 17	16° 1'20	28°30	11°25	24°40	11°55	7°19	13°34	5°28	22°24	19°26	23°12	21°42	0°42	n.a.	W20
T 21	21 16 13	17° 0'24	12♊23	12°32	25°55	12°36	7°32	13°41	5°28	22°23	19°25	23°13	21°39	0°48	n.a.	T 21
F 22	21 20 10	17°59'29	26° 7	13°38	27°10	13°18	7°45	13°48	5°27	22°21	19°24	23°R14	21°36	0°55	n.a.	F 22
S 23	21 24 7	18°58'37	9♋41	14°41	28°25	13°59	7°58	13°54	5°27	22°20	19°23	23°12	21°33	1° 2	n.a.	S 23
S 24	21 28 3	19°57'48	23° 5	15°42	29°40	14°40	8°11	14° 1	5°27	22°18	19°22	23° 9	21°30	1° 8	n.a.	S 24
M25	21 32 0	20°57'01	6♌18	16°41	0♍55	15°22	8°24	14° 8	5°27	22°17	19°21	23° 2	21°26	1°15	n.a.	M25
T 26	21 35 56	21°56'16	19°19	17°36	2°10	16° 3	8°37	14°14	5°D27	22°16	19°20	22°54	21°23	1°22	n.a.	T 26
W27	21 39 53	22°55'33	2♍ 6	18°29	3°25	16°45	8°49	14°21	5°27	22°14	19°19	22°43	21°20	1°28	n.a.	W27
T 28	21 43 49	23°54'52	14°40	19°18	4°40	17°27	9° 2	14°27	5°27	22°13	19°18	22°32	21°17	1°35	n.a.	T 28
F 29	21 47 46	24°54'14	27° 1	20° 4	5°55	18° 8	9°15	14°34	5°27	22°12	19°17	22°20	21°14	1°42	n.a.	F 29
S 30	21 51 42	25°53'37	9♎ 9	20°46	7°10	18°50	9°28	14°40	5°28	22°10	19°16	22°10	21°11	1°48	n.a.	S 30
S 31	21 55 39	26♌53'02	21♎ 8	21♍23	8♍25	19♍32	9♌41	14♋46	5♐28	22♑ 9	19♓15	22♐ 2	21♐ 7	1♏55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 1	0s18	5s10	17n 3	0n33	21n36	1n22	12n41	0n45	20n45	1n 1	23n53	0n32	21s44	0s 8	22s24	0s34	19s54	17s14	23s41	23s37	15s 2		n.a.
S 2	20 49	5 10	5 9	16 28	0 26	21 19	1 23	12 27	0 45	20 42	1 1	23 52	0 33	21 44	0 8	22 24	0 34	19 54	17 15	23 41	23 37	15 4		n.a.
S 3	20 37	9 47	4 54	15 52	0 19	21 2	1 23	12 12	0 44	20 39	1 2	23 51	0 33	21 44	0 8	22 25	0 34	19 55	17 15	23 41	23 37	15 6		n.a.
M 4	20 24	13 59	4 27	15 16	0 12	20 45	1 24	11 57	0 43	20 36	1 2	23 51	0 33	21 44	0 8	22 25	0 34	19 55	17 15	23 41	23 37	15 8		n.a.
T 5	20 11	17 37	3 48	14 40	0 4	20 26	1 24	11 41	0 43	20 33	1 2	23 50	0 33	21 44	0 8	22 25	0 34	19 56	17 16	23 41	23 37	15 9		n.a.
W 6	19 58	20 34	2 59	14 3	0s 3	20 7	1 24	11 26	0 42	20 30	1 2	23 50	0 33	21 43	0 8	22 25	0 34	19 56	17 16	23 41	23 36	15 11		n.a.
T 7	19 44	22 39	2 2	13 27	0 11	19 48	1 25	11 11	0 41	20 27	1 2	23 49	0 33	21 43	0 8	22 26	0 34	19 57	17 16	23 41	23 36	15 13		n.a.
F 8	19 30	23 42	0 59	12 50	0 19	19 28	1 25	10 55	0 41	20 24	1 2	23 49	0 33	21 43	0 8	22 26	0 34	19 57	17 16	23 41	23 36	15 15		n.a.
S 9	19 16	23 36	0n 9	12 13	0 27	19 7	1 25	10 40	0 40	20 21	1 2	23 48	0 33	21 43	0 8	22 26	0 34	19 58	17 17	23 41	23 36	15 17		n.a.
S 10	19 1	22 16	1 17	11 36	0 35	18 46	1 25	10 24	0 40	20 17	1 2	23 48	0 33	21 43	0 8	22 27	0 34	19 58	17 17	23 41	23 36	15 19		n.a.
M11	18 46	19 43	2 24	10 59	0 43	18 25	1 25	10 8	0 39	20 14	1 2	23 47	0 33	21 43	0 8	22 27	0 34	19 59	17 17	23 41	23 36	15 21		n.a.
T 12	18 31	16 1	3 24	10 22	0 51	18 2	1 25	9 53	0 38	20 11	1 2	23 46	0 34	21 42	0 8	22 27	0 34	19 59	17 17	23 41	23 35	15 23		n.a.
W13	18 15	11 24	4 13	9 45	0 59	17 40	1 25	9 37	0 38	20 8	1 2	23 46	0 34	21 42	0 8	22 27	0 34	20 0	17 17	23 40	23 35	15 25		n.a.
T 14	17 59	6 6	4 48	9 9	1 7	17 16	1 24	9 21	0 37	20 5	1 2	23 45	0 34	21 42	0 8	22 28	0 34	20 0	17 18	23 40	23 35	15 27		n.a.
F 15	17 43	0 26	5 6	8 33	1 15	16 53	1 24	9 4	0 36	20 1	1 2	23 45	0 34	21 42	0 8	22 28	0 34	20 1	17 18	23 40	23 35	15 29		n.a.
S 16	17 27	5n17	5 4	7 57	1 24	16 29	1 24	8 48	0 36	19 58	1 2	23 44	0 34	21 42	0 8	22 28	0 34	20 1	17 18	23 39	23 35	15 31		n.a.
S 17	17 10	10 44	4 44	7 21	1 32	16 4	1 23	8 32	0 35	19 55	1 2	23 43	0 34	21 42	0 8	22 28	0 34	20 2	17 18	23 39	23 34	15 33		n.a.
M18	16 53	15 34	4 6	6 46	1 40	15 39	1 23	8 16	0 34	19 52	1 2	23 43	0 34	21 42	0 8	22 29	0 34	20 3	17 19	23 39	23 34	15 35		n.a.
T 19	16 35	19 30	3 13	6 11	1 48	15 13	1 22	7 59	0 34	19 48	1 3	23 42	0 34	21 42	0 8	22 29	0 34	20 3	17 19	23 39	23 34	15 36		n.a.
W20	16 17	22 14	2 9	5 37	1 56	14 47	1 22	7 43	0 33	19 45	1 3	23 42	0 34	21 42	0 8	22 29	0 34	20 4	17 19	23 39	23 34	15 38		n.a.
T 21	15 59	23 36	0 58	5 4	2 4	14 21	1 21	7 26	0 33	19 42	1 3	23 41	0 35	21 42	0 8	22 29	0 34	20 4	17 19	23 39	23 34	15 40		n.a.
F 22	15 41	23 31	0s16	4 31	2 12	13 54	1 20	7 9	0 32	19 38	1 3	23 41	0 35	21 42	0 8	22 30	0 34	20 5	17 19	23 39	23 33	15 42		n.a.
S 23	15 23	22 1	1 27	3 59	2 19	13 27	1 20	6 53	0 31	19 35	1 3	23 40	0 35	21 42	0 8	22 30	0 34	20 5	17 19	23 39	23 33	15 44		n.a.
S 24	15 4	19 18	2 33	3 29	2 27	13 0	1 19	6 36	0 31	19 32	1 3	23 39	0 35	21 42	0 8	22 30	0 34	20 6	17 20	23 39	23 33	15 46		n.a.
M25	14 45	15 38	3 29	2 59	2 34	12 32	1 18	6 19	0 30	19 28	1 3	23 39	0 35	21 42	0 8	22 30	0 34	20 6	17 20	23 38	23 33	15 48		n.a.
T 26	14 25	11 16	4 13	2 31	2 41	12 4	1 17	6 2	0 29	19 25	1 3	23 38	0 35	21 42	0 8	22 31	0 34	20 7	17 20	23 38	23 33	15 50		n.a.
W27	14 6	6 29	4 44	2 4	2 48	11 35	1 16	5 45	0 29	19 22	1 3	23 38	0 35	21 42	0 8	22 31	0 34	20 7	17 20	23 37	23 32	15 51		n.a.
T 28	13 46	1 31	5 0	1 38	2 54	11 7	1 15	5 28	0 28	19 18	1 3	23 37	0 35	21 42	0 8	22 31	0 34	20 8	17 20	23 37	23 32	15 53		n.a.
F 29	13 26	3s24	5 2	1 15	3 0	10 38	1 14	5 11	0 27	19 15	1 3	23 36	0 36	21 42	0 8	22 31	0 34	20 9	17 20	23 36	23 32	15 55		n.a.
S 30	13 6	8 7	4 50	0 53	3 6	10 8	1 12	4 54	0 27	19 12	1 4	23 36	0 36	21 42	0 8	22 32	0 34	20 9	17 21	23 36	23 32	15 57		n.a.
S 31	12n45	12s28	4s26	0n33	3s11	9n39	1n11	4n36	0n26	19n 8	1n 4	23n35	0n36	21s42	0s 8	22s32	0s34	20s10	17s21	23s35	23s31	15s59		n.a.

Julian Day Number = 1313651.5, Delta T = 07h39m17s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'11, Lahiri = -19°22'10 Julian Calendar 1 Aug. 1117 BCE == Greg. Calendar 21 July 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

SEPTEMBER 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 59 35	27♌52'30	2♏59	21♍56	9♍40	20♍14	9♌53	14♋53	5♐28	22°R 8	19°R14	21°R57	21♐ 4	2♏ 2	n.a.	M 1
T 2	22 3 32	28°51'59	14°48	22°23	10°55	20°56	10° 6	14°59	5°28	22♑ 6	19♓13	21♐54	21° 1	2° 9	n.a.	T 2
W 3	22 7 29	29°51'30	26°40	22°46	12°10	21°38	10°19	15° 5	5°29	22° 5	19°12	21°D53	20°58	2°15	n.a.	W 3
T 4	22 11 25	0♍51'04	8♐39	23° 2	13°25	22°20	10°31	15°11	5°29	22° 4	19°11	21°53	20°55	2°22	n.a.	T 4
F 5	22 15 22	1°50'39	20°50	23°11	14°40	23° 2	10°44	15°17	5°30	22° 3	19°10	21°R53	20°51	2°29	n.a.	F 5
S 6	22 19 18	2°50'16	3♑20	23°R13	15°55	23°44	10°57	15°23	5°30	22° 2	19° 8	21°53	20°48	2°35	n.a.	S 6
S 7	22 23 15	3°49'55	16°13	23° 8	17°10	24°26	11° 9	15°29	5°31	22° 1	19° 7	21°50	20°45	2°42	n.a.	S 7
M 8	22 27 11	4°49'36	29°31	22°55	18°25	25° 9	11°22	15°35	5°32	21°59	19° 6	21°45	20°42	2°49	n.a.	M 8
T 9	22 31 8	5°49'19	13♒16	22°33	19°40	25°51	11°34	15°41	5°32	21°58	19° 5	21°38	20°39	2°55	n.a.	T 9
W10	22 35 4	6°49'04	27°26	22° 3	20°55	26°34	11°47	15°46	5°33	21°57	19° 4	21°28	20°36	3° 2	n.a.	W10
T 11	22 39 1	7°48'50	11♓56	21°24	22°10	27°16	11°59	15°52	5°34	21°56	19° 3	21°17	20°32	3° 9	n.a.	T 11
F 12	22 42 57	8°48'39	26°40	20°37	23°24	27°59	12°11	15°58	5°35	21°55	19° 2	21° 5	20°29	3°15	n.a.	F 12
S 13	22 46 54	9°48'30	11♈29	19°41	24°39	28°41	12°24	16° 3	5°36	21°54	19° 1	20°55	20°26	3°22	n.a.	S 13
S 14	22 50 51	10°48'24	26°15	18°39	25°54	29°24	12°36	16° 9	5°37	21°53	19° 0	20°47	20°23	3°29	n.a.	S 14
M15	22 54 47	11°48'20	10♉51	17°30	27° 9	0♎ 7	12°48	16°14	5°38	21°52	18°58	20°41	20°20	3°35	n.a.	M15
T 16	22 58 44	12°48'18	25°12	16°17	28°24	0°49	13° 0	16°19	5°39	21°51	18°57	20°38	20°16	3°42	n.a.	T 16
W17	23 2 40	13°48'18	9♊16	15° 1	29°39	1°32	13°13	16°25	5°40	21°51	18°56	20°38	20°13	3°49	n.a.	W17
T 18	23 6 37	14°48'21	23° 3	13°45	0♎54	2°15	13°25	16°30	5°41	21°50	18°55	20°38	20°10	3°56	n.a.	T 18
F 19	23 10 33	15°48'27	6♋34	12°31	2° 9	2°58	13°37	16°35	5°42	21°49	18°54	20°37	20° 7	4° 2	n.a.	F 19
S 20	23 14 30	16°48'34	19°50	11°21	3°24	3°41	13°49	16°40	5°44	21°48	18°53	20°35	20° 4	4° 9	n.a.	S 20
S 21	23 18 26	17°48'44	2♌53	10°17	4°39	4°24	14° 0	16°45	5°45	21°47	18°52	20°30	20° 1	4°16	n.a.	S 21
M22	23 22 23	18°48'56	15°45	9°22	5°54	5° 7	14°12	16°50	5°46	21°47	18°50	20°21	19°57	4°22	n.a.	M22
T 23	23 26 20	19°49'10	28°26	8°37	7° 9	5°51	14°24	16°54	5°48	21°46	18°49	20°10	19°54	4°29	n.a.	T 23
W24	23 30 16	20°49'26	10♍56	8° 2	8°24	6°34	14°36	16°59	5°49	21°45	18°48	19°57	19°51	4°36	n.a.	W24
T 25	23 34 13	21°49'44	23°17	7°39	9°39	7°17	14°48	17° 4	5°51	21°45	18°47	19°42	19°48	4°42	n.a.	T 25
F 26	23 38 9	22°50'03	5♎27	7°27	10°54	8° 1	14°59	17° 8	5°52	21°44	18°46	19°28	19°45	4°49	n.a.	F 26
S 27	23 42 6	23°50'25	17°29	7°D27	12° 9	8°44	15°11	17°13	5°54	21°43	18°45	19°15	19°42	4°56	n.a.	S 27
S 28	23 46 2	24°50'48	29°24	7°38	13°23	9°27	15°22	17°17	5°55	21°43	18°44	19° 4	19°38	5° 2	n.a.	S 28
M29	23 49 59	25°51'14	11♏13	7°59	14°38	10°11	15°34	17°21	5°57	21°42	18°42	18°56	19°35	5° 9	n.a.	M29
T 30	23 53 55	26♍51'40	23♏ 0	8♍30	15♎53	10♎55	15♌45	17♋26	5♐59	21♑42	18♓41	18♐51	19♐32	5♏16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n24	16s17	3s50	0n16	3s15	9n 9	1n10	4n19	0n25	19n 5	1n 4	23n35	0n36	21s42	0s 8	22s32	0s34	20s10	17s21	23s35	23s31	16s 1		n.a.
T 2	12 3	19 28	3 4	0 2	3 19	8 39	1 8	4 2	0 25	19 1	1 4	23 34	0 36	21 42	0 8	22 32	0 34	20 11	17 21	23 34	23 31	16 3		n.a.
W 3	11 42	21 50	2 10	0s10	3 22	8 8	1 7	3 44	0 24	18 58	1 4	23 34	0 36	21 42	0 8	22 32	0 34	20 11	17 21	23 34	23 31	16 4		n.a.
T 4	11 21	23 15	1 10	0 19	3 24	7 38	1 5	3 27	0 23	18 55	1 4	23 33	0 36	21 42	0 8	22 33	0 34	20 12	17 21	23 34	23 31	16 6		n.a.
F 5	10 59	23 36	0 6	0 24	3 26	7 7	1 4	3 9	0 23	18 51	1 4	23 32	0 36	21 42	0 8	22 33	0 34	20 12	17 21	23 34	23 30	16 8		n.a.
S 6	10 38	22 47	1n 1	0 25	3 26	6 36	1 2	2 52	0 22	18 48	1 4	23 32	0 37	21 42	0 8	22 33	0 34	20 13	17 21	23 34	23 30	16 10		n.a.
S 7	10 16	20 45	2 5	0 22	3 25	6 5	1 1	2 34	0 22	18 44	1 4	23 31	0 37	21 42	0 8	22 33	0 34	20 13	17 21	23 34	23 30	16 12		n.a.
M 8	9 54	17 34	3 5	0 14	3 23	5 33	0 59	2 17	0 21	18 41	1 5	23 31	0 37	21 43	0 8	22 33	0 34	20 14	17 21	23 34	23 30	16 13		n.a.
T 9	9 31	13 20	3 57	0 2	3 19	5 2	0 57	1 59	0 20	18 38	1 5	23 30	0 37	21 43	0 8	22 34	0 34	20 14	17 22	23 33	23 29	16 15		n.a.
W10	9 9	8 16	4 35	0n15	3 13	4 30	0 55	1 41	0 20	18 34	1 5	23 30	0 37	21 43	0 8	22 34	0 34	20 15	17 22	23 33	23 29	16 17		n.a.
T 11	8 46	2 38	4 57	0 37	3 6	3 59	0 54	1 24	0 19	18 31	1 5	23 29	0 37	21 43	0 8	22 34	0 34	20 15	17 22	23 32	23 29	16 19		n.a.
F 12	8 24	3n13	4 59	1 5	2 57	3 27	0 52	1 6	0 18	18 27	1 5	23 29	0 37	21 43	0 8	22 34	0 34	20 16	17 22	23 31	23 29	16 21		n.a.
S 13	8 1	8 55	4 42	1 37	2 46	2 55	0 50	0 48	0 18	18 24	1 5	23 28	0 38	21 43	0 8	22 34	0 34	20 16	17 22	23 31	23 29	16 22		n.a.
S 14	7 38	14 6	4 6	2 14	2 32	2 23	0 48	0 30	0 17	18 21	1 5	23 27	0 38	21 43	0 8	22 34	0 34	20 17	17 22	23 30	23 28	16 24		n.a.
M15	7 15	18 23	3 14	2 55	2 18	1 51	0 46	0 12	0 16	18 17	1 5	23 27	0 38	21 44	0 8	22 34	0 34	20 17	17 22	23 30	23 28	16 26		n.a.
T 16	6 52	21 29	2 10	3 39	2 1	1 19	0 44	0s 6	0 16	18 14	1 6	23 26	0 38	21 44	0 8	22 35	0 34	20 18	17 22	23 29	23 28	16 28		n.a.
W17	6 28	23 11	1 0	4 25	1 43	0 46	0 41	0 24	0 15	18 10	1 6	23 26	0 38	21 44	0 8	22 35	0 34	20 18	17 22	23 29	23 28	16 29		n.a.
T 18	6 5	23 26	0s13	5 13	1 23	0 14	0 39	0 42	0 14	18 7	1 6	23 25	0 38	21 44	0 8	22 35	0 34	20 19	17 22	23 29	23 27	16 31		n.a.
F 19	5 41	22 17	1 23	6 0	1 3	0s18	0 37	0 59	0 14	18 4	1 6	23 25	0 38	21 44	0 8	22 35	0 34	20 19	17 22	23 29	23 27	16 33		n.a.
S 20	5 17	19 54	2 28	6 46	0 42	0 50	0 35	1 17	0 13	18 0	1 6	23 24	0 39	21 45	0 8	22 35	0 34	20 20	17 22	23 29	23 27	16 35		n.a.
S 21	4 54	16 32	3 23	7 30	0 22	1 23	0 33	1 35	0 12	17 57	1 6	23 24	0 39	21 45	0 8	22 35	0 34	20 20	17 22	23 29	23 27	16 37		n.a.
M22	4 30	12 26	4 7	8 9	0 2	1 55	0 30	1 53	0 12	17 54	1 6	23 23	0 39	21 45	0 8	22 35	0 34	20 21	17 22	23 28	23 26	16 38		n.a.
T 23	4 6	7 52	4 39	8 44	0n17	2 27	0 28	2 11	0 11	17 50	1 7	23 23	0 39	21 45	0 8	22 35	0 34	20 21	17 22	23 27	23 26	16 40		n.a.
W24	3 42	3 2	4 56	9 14	0 35	2 59	0 26	2 29	0 10	17 47	1 7	23 23	0 39	21 46	0 8	22 36	0 34	20 22	17 22	23 26	23 26	16 42		n.a.
T 25	3 17	1s51	4 59	9 38	0 52	3 32	0 23	2 47	0 10	17 44	1 7	23 22	0 39	21 46	0 8	22 36	0 34	20 22	17 22	23 25	23 26	16 43		n.a.
F 26	2 53	6 36	4 48	9 57	1 7	4 4	0 21	3 5	0 9	17 40	1 7	23 22	0 39	21 46	0 8	22 36	0 34	20 22	17 22	23 24	23 25	16 45		n.a.
S 27	2 29	11 2	4 25	10 9	1 21	4 36	0 18	3 23	0 8	17 37	1 7	23 21	0 40	21 46	0 8	22 36	0 34	20 23	17 22	23 23	23 25	16 47		n.a.
S 28	2 5	15 0	3 50	10 16	1 32	5 7	0 16	3 41	0 8	17 34	1 7	23 21	0 40	21 47	0 8	22 36	0 34	20 23	17 22	23 22	23 25	16 49		n.a.
M29	1 40	18 21	3 5	10 17	1 42	5 39	0 13	3 59	0 7	17 30	1 8	23 20	0 40	21 47	0 8	22 36	0 34	20 24	17 22	23 21	23 25	16 50		n.a.
T 30	1n16	20s57	2s12	10n14	1n51	6s11	0n11	4s17	0n 6	17n27	1n 8	23n20	0n40	21s47	0s 8	22s36	0s34	20s24	17s22	23s21	23s24	16s52		n.a.

Julian Day Number = 1313682.5, Delta T = 07h39m15s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'07, Lahiri = -19°22'06 Julian Calendar 1 Sept. 1117 BCE == Greg. Calendar 21 Aug. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

OCTOBER 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 57 52	27♍52'09	4♐49	9♍ 9	17♎ 8	11♎38	15♌56	17♋30	6♐ 1	21°R42	18°R40	18°R48	19♐29	5♏22	n.a.	W 1
T 2	0 1 48	28°52'39	16°45	9°57	18°23	12°22	16° 7	17°34	6° 2	21♑41	18♓39	18°D47	19°26	5°29	n.a.	T 2
F 3	0 5 45	29°53'10	28°53	10°51	19°38	13° 6	16°18	17°38	6° 4	21°41	18°38	18°R48	19°22	5°36	n.a.	F 3
S 4	0 9 42	0♎53'43	11♑19	11°52	20°53	13°50	16°29	17°41	6° 6	21°40	18°37	18♐47	19°19	5°42	n.a.	S 4
S 5	0 13 38	1°54'18	24° 7	12°58	22° 8	14°34	16°40	17°45	6° 8	21°40	18°36	18°45	19°16	5°49	n.a.	S 5
M 6	0 17 35	2°54'53	7♒23	14° 8	23°22	15°18	16°51	17°49	6°10	21°40	18°35	18°41	19°13	5°56	n.a.	M 6
T 7	0 21 31	3°55'31	21° 8	15°23	24°37	16° 2	17° 2	17°52	6°12	21°40	18°33	18°34	19°10	6° 3	n.a.	T 7
W 8	0 25 28	4°56'09	5♓23	16°41	25°52	16°46	17°13	17°56	6°14	21°39	18°32	18°25	19° 7	6° 9	n.a.	W 8
T 9	0 29 24	5°56'49	20° 4	18° 2	27° 7	17°30	17°23	17°59	6°16	21°39	18°31	18°14	19° 3	6°16	n.a.	T 9
F 10	0 33 21	6°57'30	5♈ 5	19°25	28°22	18°14	17°34	18° 2	6°19	21°39	18°30	18° 3	19° 0	6°23	n.a.	F 10
S 11	0 37 17	7°58'13	20°15	20°50	29°36	18°58	17°44	18° 6	6°21	21°39	18°29	17°53	18°57	6°29	n.a.	S 11
S 12	0 41 14	8°58'58	5♉24	22°17	0♏51	19°42	17°55	18° 9	6°23	21°39	18°28	17°45	18°54	6°36	n.a.	S 12
M13	0 45 11	9°59'44	20°23	23°45	2° 6	20°27	18° 5	18°12	6°25	21°39	18°27	17°40	18°51	6°43	n.a.	M13
T 14	0 49 7	11° 0'32	5♊ 3	25°15	3°21	21°11	18°15	18°15	6°28	21°D39	18°26	17°37	18°47	6°49	n.a.	T 14
W15	0 53 4	12° 1'22	19°21	26°45	4°35	21°55	18°25	18°17	6°30	21°39	18°25	17°D36	18°44	6°56	n.a.	W15
T 16	0 57 0	13° 2'13	3♋15	28°17	5°50	22°40	18°35	18°20	6°33	21°39	18°24	17°37	18°41	7° 3	n.a.	T 16
F 17	1 0 57	14° 3'06	16°46	29°49	7° 5	23°24	18°45	18°23	6°35	21°39	18°23	17°R37	18°38	7° 9	n.a.	F 17
S 18	1 4 53	15° 4'01	29°56	1♎21	8°20	24° 9	18°55	18°25	6°38	21°39	18°22	17°36	18°35	7°16	n.a.	S 18
S 19	1 8 50	16° 4'57	12♌49	2°54	9°34	24°54	19° 5	18°27	6°40	21°39	18°21	17°33	18°32	7°23	n.a.	S 19
M20	1 12 46	17° 5'54	25°27	4°27	10°49	25°38	19°14	18°30	6°43	21°39	18°20	17°27	18°28	7°29	n.a.	M20
T 21	1 16 43	18° 6'53	7♍52	6° 0	12° 4	26°23	19°24	18°32	6°45	21°40	18°19	17°18	18°25	7°36	n.a.	T 21
W22	1 20 40	19° 7'54	20° 8	7°34	13°18	27° 8	19°33	18°34	6°48	21°40	18°18	17° 8	18°22	7°43	n.a.	W22
T 23	1 24 36	20° 8'56	2♎15	9° 8	14°33	27°53	19°42	18°36	6°51	21°40	18°17	16°56	18°19	7°49	n.a.	T 23
F 24	1 28 33	21° 9'58	14°15	10°41	15°48	28°38	19°52	18°38	6°53	21°41	18°16	16°44	18°16	7°56	n.a.	F 24
S 25	1 32 29	22°11'03	26°10	12°15	17° 2	29°23	20° 1	18°39	6°56	21°41	18°15	16°34	18°13	8° 3	n.a.	S 25
S 26	1 36 26	23°12'08	8♏ 1	13°49	18°17	0♏ 8	20° 9	18°41	6°59	21°41	18°14	16°25	18° 9	8° 9	n.a.	S 26
M27	1 40 22	24°13'14	19°49	15°23	19°31	0°53	20°18	18°42	7° 2	21°42	18°13	16°19	18° 6	8°16	n.a.	M27
T 28	1 44 19	25°14'21	1♐37	16°57	20°46	1°38	20°27	18°44	7° 4	21°42	18°12	16°15	18° 3	8°23	n.a.	T 28
W29	1 48 15	26°15'29	13°27	18°31	22° 1	2°23	20°36	18°45	7° 7	21°43	18°11	16°D14	18° 0	8°29	n.a.	W29
T 30	1 52 12	27°16'37	25°24	20° 5	23°15	3° 8	20°44	18°46	7°10	21°43	18°11	16°14	17°57	8°36	n.a.	T 30
F 31	1 56 9	28♎17'47	7♑31	21♎39	24♏30	3♏53	20♌52	18♋47	7♐13	21♑44	18♓10	16♐16	17♐53	8♏43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n52	22s39	1s13	10n 5	1n58	6s42	0n 8	4s35	0n 6	17n24	1n 8	23n20	0n40	21s48	0s 8	22s36	0s34	20s24	17s22	23s21	23s24	16s54		n.a.
T 2	0 27	23 20	0 11	9 52	2 4	7 14	0 6	4 53	0 5	17 21	1 8	23 19	0 40	21 48	0 8	22 36	0 34	20 25	17 22	23 21	23 24	16 55		n.a.
F 3	0 3	22 56	0n53	9 35	2 8	7 45	0 3	5 11	0 4	17 17	1 8	23 19	0 41	21 48	0 8	22 36	0 34	20 25	17 21	23 21	23 24	16 57		n.a.
S 4	0s22	21 24	1 56	9 14	2 11	8 16	0 1	5 29	0 4	17 14	1 8	23 19	0 41	21 49	0 8	22 36	0 34	20 26	17 21	23 21	23 23	16 59		n.a.
S 5	0 46	18 45	2 56	8 50	2 13	8 47	0s 2	5 47	0 3	17 11	1 9	23 18	0 41	21 49	0 8	22 36	0 34	20 26	17 21	23 21	23 23	17 1		n.a.
M 6	1 11	15 3	3 48	8 23	2 13	9 17	0 4	6 5	0 2	17 8	1 9	23 18	0 41	21 49	0 8	22 36	0 34	20 26	17 21	23 20	23 23	17 2		n.a.
T 7	1 35	10 27	4 28	7 54	2 13	9 48	0 7	6 23	0 2	17 5	1 9	23 18	0 41	21 50	0 8	22 36	0 34	20 27	17 21	23 20	23 23	17 4		n.a.
W 8	2 0	5 8	4 54	7 22	2 13	10 18	0 10	6 40	0 1	17 1	1 9	23 17	0 41	21 50	0 8	22 36	0 34	20 27	17 21	23 19	23 22	17 6		n.a.
T 9	2 24	0n37	5 2	6 49	2 11	10 48	0 12	6 58	0 0	16 58	1 9	23 17	0 42	21 51	0 8	22 37	0 34	20 27	17 21	23 18	23 22	17 7		n.a.
F 10	2 48	6 27	4 49	6 13	2 9	11 18	0 15	7 16	0s 0	16 55	1 10	23 17	0 42	21 51	0 8	22 37	0 34	20 28	17 21	23 17	23 22	17 9		n.a.
S 11	3 13	11 58	4 16	5 37	2 6	11 47	0 17	7 34	0 1	16 52	1 10	23 16	0 42	21 51	0 8	22 37	0 34	20 28	17 21	23 16	23 22	17 11		n.a.
S 12	3 37	16 44	3 24	4 59	2 2	12 16	0 20	7 51	0 2	16 49	1 10	23 16	0 42	21 52	0 8	22 37	0 34	20 28	17 20	23 15	23 21	17 12		n.a.
M13	4 1	20 22	2 19	4 19	1 58	12 45	0 23	8 9	0 2	16 46	1 10	23 16	0 42	21 52	0 8	22 37	0 34	20 29	17 20	23 15	23 21	17 14		n.a.
T 14	4 25	22 34	1 6	3 39	1 54	13 13	0 25	8 26	0 3	16 43	1 10	23 16	0 42	21 53	0 8	22 37	0 34	20 29	17 20	23 14	23 21	17 15		n.a.
W15	4 50	23 14	0s 9	2 59	1 49	13 42	0 28	8 44	0 4	16 40	1 11	23 15	0 43	21 53	0 8	22 37	0 34	20 29	17 20	23 14	23 20	17 17		n.a.
T 16	5 14	22 25	1 22	2 17	1 44	14 10	0 30	9 1	0 4	16 37	1 11	23 15	0 43	21 53	0 8	22 37	0 34	20 29	17 20	23 14	23 20	17 19		n.a.
F 17	5 38	20 18	2 29	1 35	1 39	14 37	0 33	9 19	0 5	16 34	1 11	23 15	0 43	21 54	0 8	22 36	0 34	20 30	17 20	23 14	23 20	17 20		n.a.
S 18	6 2	17 8	3 26	0 53	1 33	15 4	0 36	9 36	0 6	16 31	1 11	23 15	0 43	21 54	0 8	22 36	0 34	20 30	17 19	23 14	23 20	17 22		n.a.
S 19	6 26	13 14	4 11	0 10	1 28	15 31	0 38	9 53	0 6	16 28	1 11	23 15	0 43	21 55	0 8	22 36	0 34	20 30	17 19	23 14	23 19	17 24		n.a.
M20	6 49	8 49	4 42	0s33	1 22	15 57	0 41	10 11	0 7	16 26	1 12	23 15	0 43	21 55	0 8	22 36	0 34	20 30	17 19	23 13	23 19	17 25		n.a.
T 21	7 13	4 7	5 0	1 16	1 16	16 23	0 43	10 28	0 8	16 23	1 12	23 14	0 44	21 56	0 8	22 36	0 34	20 31	17 19	23 13	23 19	17 27		n.a.
W22	7 37	0s40	5 4	1 59	1 9	16 49	0 46	10 45	0 8	16 20	1 12	23 14	0 44	21 56	0 8	22 36	0 34	20 31	17 19	23 12	23 19	17 28		n.a.
T 23	8 0	5 23	4 54	2 43	1 3	17 14	0 48	11 2	0 9	16 17	1 12	23 14	0 44	21 56	0 8	22 36	0 34	20 31	17 19	23 10	23 18	17 30		n.a.
F 24	8 23	9 51	4 30	3 26	0 57	17 38	0 51	11 19	0 10	16 15	1 13	23 14	0 44	21 57	0 8	22 36	0 34	20 31	17 18	23 9	23 18	17 32		n.a.
S 25	8 46	13 55	3 56	4 9	0 50	18 3	0 53	11 35	0 10	16 12	1 13	23 14	0 44	21 57	0 8	22 36	0 34	20 31	17 18	23 8	23 18	17 33		n.a.
S 26	9 9	17 24	3 11	4 52	0 43	18 26	0 56	11 52	0 11	16 9	1 13	23 14	0 44	21 58	0 8	22 36	0 34	20 32	17 18	23 7	23 17	17 35		n.a.
M27	9 32	20 11	2 17	5 35	0 37	18 49	0 58	12 9	0 12	16 7	1 13	23 14	0 45	21 58	0 8	22 36	0 34	20 32	17 18	23 7	23 17	17 36		n.a.
T 28	9 55	22 5	1 18	6 18	0 30	19 12	1 0	12 25	0 12	16 4	1 14	23 14	0 45	21 59	0 8	22 36	0 34	20 32	17 17	23 6	23 17	17 38		n.a.
W29	10 18	23 2	0 15	7 1	0 23	19 34	1 3	12 42	0 13	16 1	1 14	23 14	0 45	21 59	0 8	22 36	0 34	20 32	17 17	23 6	23 17	17 39		n.a.
T 30	10 40	22 55	0n49	7 43	0 17	19 56	1 5	12 58	0 14	15 59	1 14	23 14	0 45	22 0	0 8	22 36	0 34	20 32	17 17	23 6	23 16	17 41		n.a.
F 31	11s 2	21s44	1n53	8s25	0n10	20s17	1s 7	13s15	0s14	15n56	1n14	23n14	0n45	22s 0	0s 8	22s36	0s34	20s32	17s17	23s 6	23s16	17s43		n.a.

Julian Day Number = 1313712.5, Delta T = 07h39m14s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°29'03, Lahiri = -19°22'02 Julian Calendar 1 Oct. 1117 BCE == Greg. Calendar 20 Sept. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

NOVEMBER 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 5	29♎18'57	19♉54	23♎13	25♏44	4♏39	21♌ 0	18♋48	7♐16	21♉45	18°R 9	16♐17	17♐50	8♏50	n.a.	S 1
S 2	2 4 2	0♏20'07	2♒37	24°47	26°59	5°24	21° 9	18°49	7°19	21°45	18♓ 8	16°R17	17°47	8°56	n.a.	S 2
M 3	2 7 58	1°21'18	15°45	26°21	28°13	6° 9	21°16	18°50	7°22	21°46	18° 7	16°16	17°44	9° 3	n.a.	M 3
T 4	2 11 55	2°22'29	29°21	27°55	29°28	6°55	21°24	18°51	7°25	21°47	18° 6	16°13	17°41	9°10	n.a.	T 4
W 5	2 15 51	3°23'40	13♓27	29°29	0♐42	7°40	21°32	18°51	7°28	21°47	18° 6	16° 8	17°38	9°16	n.a.	W 5
T 6	2 19 48	4°24'52	28° 1	1♏ 3	1°57	8°26	21°39	18°51	7°31	21°48	18° 5	16° 2	17°34	9°23	n.a.	T 6
F 7	2 23 44	5°26'05	12♈59	2°37	3°11	9°11	21°47	18°52	7°35	21°49	18° 4	15°56	17°31	9°30	n.a.	F 7
S 8	2 27 41	6°27'18	28°13	4°12	4°25	9°57	21°54	18°52	7°38	21°50	18° 3	15°49	17°28	9°36	n.a.	S 8
S 9	2 31 38	7°28'31	13♉32	5°46	5°40	10°43	22° 1	18°R52	7°41	21°51	18° 3	15°45	17°25	9°43	n.a.	S 9
M10	2 35 34	8°29'45	28°45	7°21	6°54	11°28	22° 8	18°52	7°44	21°52	18° 2	15°42	17°22	9°50	n.a.	M10
T 11	2 39 31	9°31'00	13♊43	8°56	8° 8	12°14	22°15	18°52	7°47	21°52	18° 1	15°D41	17°19	9°56	n.a.	T 11
W12	2 43 27	10°32'15	28°18	10°30	9°23	13° 0	22°22	18°51	7°51	21°53	18° 1	15°41	17°15	10° 3	n.a.	W12
T 13	2 47 24	11°33'31	12♋27	12° 6	10°37	13°46	22°28	18°51	7°54	21°54	18° 0	15°42	17°12	10°10	n.a.	T 13
F 14	2 51 20	12°34'47	26° 9	13°41	11°51	14°32	22°35	18°51	7°57	21°56	18° 0	15°44	17° 9	10°16	n.a.	F 14
S 15	2 55 17	13°36'04	9♌25	15°16	13° 5	15°17	22°41	18°50	8° 0	21°57	17°59	15°R45	17° 6	10°23	n.a.	S 15
S 16	2 59 14	14°37'21	22°19	16°52	14°19	16° 3	22°47	18°49	8° 4	21°58	17°58	15°45	17° 3	10°30	n.a.	S 16
M17	3 3 10	15°38'39	4♍53	18°28	15°34	16°49	22°53	18°48	8° 7	21°59	17°58	15°43	16°59	10°36	n.a.	M17
T 18	3 7 7	16°39'57	17°11	20° 4	16°48	17°35	22°59	18°48	8°10	22° 0	17°57	15°40	16°56	10°43	n.a.	T 18
W19	3 11 3	17°41'16	29°18	21°41	18° 2	18°21	23° 4	18°47	8°14	22° 1	17°57	15°36	16°53	10°50	n.a.	W19
T 20	3 15 0	18°42'35	11♎17	23°17	19°16	19° 8	23°10	18°45	8°17	22° 2	17°56	15°31	16°50	10°56	n.a.	T 20
F 21	3 18 56	19°43'54	23°10	24°54	20°30	19°54	23°15	18°44	8°21	22° 4	17°56	15°26	16°47	11° 3	n.a.	F 21
S 22	3 22 53	20°45'13	4♏59	26°32	21°44	20°40	23°20	18°43	8°24	22° 5	17°55	15°22	16°44	11°10	n.a.	S 22
S 23	3 26 49	21°46'33	16°48	28° 9	22°58	21°26	23°25	18°41	8°27	22° 6	17°55	15°18	16°40	11°16	n.a.	S 23
M24	3 30 46	22°47'52	28°38	29°47	24°12	22°12	23°30	18°40	8°31	22° 8	17°55	15°16	16°37	11°23	n.a.	M24
T 25	3 34 43	23°49'11	10♐30	1♐25	25°26	22°59	23°35	18°38	8°34	22° 9	17°54	15°D15	16°34	11°30	n.a.	T 25
W26	3 38 39	24°50'30	22°28	3° 3	26°40	23°45	23°39	18°36	8°38	22°10	17°54	15°15	16°31	11°36	n.a.	W26
T 27	3 42 36	25°51'49	4♑32	4°41	27°54	24°31	23°43	18°34	8°41	22°12	17°53	15°16	16°28	11°43	n.a.	T 27
F 28	3 46 32	26°53'07	16°47	6°20	29° 7	25°18	23°48	18°32	8°45	22°13	17°53	15°17	16°25	11°50	n.a.	F 28
S 29	3 50 29	27°54'25	29°15	7°59	0♑21	26° 4	23°51	18°30	8°48	22°15	17°53	15°19	16°21	11°56	n.a.	S 29
S 30	3 54 25	28♏55'42	11♒59	9♐37	1♑35	26♏51	23♌55	18♋28	8♐52	22♑16	17♓53	15♐20	16♐18	12♏ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s24	19s29	2n52	9s 6	0n 3	20s38	1s 9	13s31	0s15	15n54	1n15	23n14	0n45	22s 1	0s 8	22s35	0s34	20s32	17s16	23s 6	23s16	17s44		n.a.
S 2	11 46	16 15	3 45	9 48	0s 3	20 58	1 12	13 47	0 16	15 52	1 15	23 14	0 46	22 1	0 8	22 35	0 34	20 33	17 16	23 6	23 15	17 46		n.a.
M 3	12 8	12 7	4 27	10 29	0 10	21 17	1 14	14 3	0 16	15 49	1 15	23 14	0 46	22 2	0 8	22 35	0 34	20 33	17 16	23 6	23 15	17 47		n.a.
T 4	12 30	7 15	4 57	11 9	0 16	21 36	1 16	14 18	0 17	15 47	1 15	23 14	0 46	22 2	0 8	22 35	0 34	20 33	17 16	23 6	23 15	17 49		n.a.
W 5	12 51	1 51	5 9	11 49	0 23	21 54	1 18	14 34	0 18	15 45	1 16	23 14	0 46	22 3	0 8	22 35	0 34	20 33	17 15	23 6	23 14	17 50		n.a.
T 6	13 12	3n49	5 3	12 29	0 29	22 11	1 20	14 50	0 18	15 42	1 16	23 14	0 46	22 3	0 8	22 35	0 34	20 33	17 15	23 5	23 14	17 52		n.a.
F 7	13 33	9 26	4 36	13 8	0 35	22 28	1 22	15 5	0 19	15 40	1 16	23 15	0 47	22 4	0 8	22 35	0 34	20 33	17 15	23 4	23 14	17 53		n.a.
S 8	13 53	14 34	3 50	13 46	0 41	22 44	1 24	15 21	0 20	15 38	1 16	23 15	0 47	22 4	0 8	22 35	0 34	20 33	17 15	23 4	23 14	17 55		n.a.
S 9	14 14	18 47	2 46	14 24	0 47	23 0	1 26	15 36	0 20	15 36	1 17	23 15	0 47	22 5	0 8	22 34	0 34	20 33	17 14	23 3	23 13	17 56		n.a.
M10	14 34	21 41	1 31	15 1	0 53	23 15	1 27	15 51	0 21	15 34	1 17	23 15	0 47	22 6	0 8	22 34	0 34	20 33	17 14	23 3	23 13	17 58		n.a.
T 11	14 54	23 0	0 11	15 38	0 59	23 29	1 29	16 6	0 21	15 32	1 17	23 15	0 47	22 6	0 8	22 34	0 33	20 33	17 14	23 3	23 13	17 59		n.a.
W12	15 13	22 41	1s 8	16 14	1 5	23 43	1 31	16 21	0 22	15 30	1 17	23 16	0 47	22 7	0 8	22 34	0 33	20 33	17 13	23 3	23 12	18 1		n.a.
T 13	15 33	20 53	2 21	16 49	1 10	23 56	1 33	16 35	0 23	15 28	1 18	23 16	0 48	22 7	0 8	22 34	0 33	20 33	17 13	23 3	23 12	18 2		n.a.
F 14	15 52	17 56	3 23	17 24	1 15	24 8	1 34	16 50	0 23	15 26	1 18	23 16	0 48	22 8	0 8	22 34	0 33	20 33	17 13	23 3	23 12	18 4		n.a.
S 15	16 11	14 8	4 13	17 58	1 21	24 19	1 36	17 4	0 24	15 24	1 18	23 16	0 48	22 8	0 8	22 33	0 33	20 33	17 12	23 3	23 11	18 5		n.a.
S 16	16 29	9 46	4 48	18 31	1 26	24 30	1 37	17 18	0 25	15 23	1 19	23 17	0 48	22 9	0 8	22 33	0 33	20 33	17 12	23 3	23 11	18 7		n.a.
M17	16 47	5 7	5 8	19 3	1 30	24 40	1 39	17 32	0 25	15 21	1 19	23 17	0 48	22 9	0 8	22 33	0 33	20 33	17 12	23 3	23 11	18 8		n.a.
T 18	17 5	0 21	5 13	19 34	1 35	24 49	1 40	17 46	0 26	15 19	1 19	23 17	0 49	22 10	0 8	22 33	0 33	20 33	17 12	23 3	23 10	18 10		n.a.
W19	17 23	4s22	5 4	20 4	1 39	24 58	1 41	18 0	0 27	15 18	1 19	23 17	0 49	22 10	0 8	22 33	0 33	20 33	17 11	23 2	23 10	18 11		n.a.
T 20	17 40	8 51	4 42	20 33	1 43	25 5	1 43	18 13	0 27	15 16	1 20	23 18	0 49	22 11	0 8	22 32	0 33	20 32	17 11	23 2	23 10	18 13		n.a.
F 21	17 57	12 58	4 8	21 2	1 47	25 12	1 44	18 27	0 28	15 15	1 20	23 18	0 49	22 12	0 9	22 32	0 33	20 32	17 11	23 1	23 9	18 14		n.a.
S 22	18 14	16 35	3 24	21 29	1 50	25 18	1 45	18 40	0 28	15 13	1 20	23 19	0 49	22 12	0 9	22 32	0 33	20 32	17 10	23 0	23 9	18 16		n.a.
S 23	18 30	19 32	2 30	21 55	1 54	25 24	1 46	18 53	0 29	15 12	1 21	23 19	0 49	22 13	0 9	22 32	0 33	20 32	17 10	23 0	23 9	18 17		n.a.
M24	18 46	21 39	1 30	22 20	1 56	25 28	1 47	19 6	0 30	15 10	1 21	23 19	0 50	22 13	0 9	22 32	0 33	20 32	17 10	23 0	23 9	18 19		n.a.
T 25	19 2	22 49	0 26	22 43	1 59	25 32	1 48	19 18	0 30	15 9	1 21	23 20	0 50	22 14	0 9	22 31	0 33	20 32	17 9	23 0	23 8	18 20		n.a.
W26	19 17	22 57	0n40	23 5	2 1	25 35	1 48	19 31	0 31	15 8	1 21	23 20	0 50	22 14	0 9	22 31	0 33	20 32	17 9	23 0	23 8	18 22		n.a.
T 27	19 32	22 0	1 45	23 26	2 3	25 38	1 49	19 43	0 31	15 7	1 22	23 21	0 50	22 15	0 9	22 31	0 33	20 31	17 8	23 0	23 8	18 23		n.a.
F 28	19 47	20 1	2 46	23 45	2 4	25 39	1 50	19 55	0 32	15 6	1 22	23 21	0 50	22 15	0 9	22 31	0 33	20 31	17 8	23 0	23 7	18 24		n.a.
S 29	20 1	17 3	3 40	24 3	2 5	25 40	1 50	20 7	0 33	15 5	1 22	23 21	0 50	22 16	0 9	22 30	0 33	20 31	17 8	23 0	23 7	18 26		n.a.
S 30	20s15	13s14	4n25	24s20	2s 6	25s40	1s51	20s18	0s33	15n 4	1n23	23n22	0n51	22s17	0s 9	22s30	0s33	20s31	17s 7	23s 0	23s 7	18s27		n.a.

Julian Day Number = 1313743.5, Delta T = 07h39m12s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'58, Lahiri = -19°21'58 Julian Calendar 1 Nov. 1117 BCE == Greg. Calendar 21 Oct. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1117 BCE
geocentric

DECEMBER 1117 BCE (-1116) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 58 22	29♏56'59	25♒ 3	11♐16	2♑49	27♏37	23♌59	18°R26	8♐55	22♑18	17°R52	15°R21	16♐15	12♏10	n.a.	M 1
T 2	4 2 19	0♐58'15	8♓31	12°55	4° 2	28°24	24° 2	18♋23	8°59	22°19	17♓52	15♐21	16°12	12°16	n.a.	T 2
W 3	4 6 15	1°59'29	22°23	14°33	5°16	29°10	24° 6	18°21	9° 2	22°21	17°52	15°20	16° 9	12°23	n.a.	W 3
T 4	4 10 12	3° 0'44	6♈39	16°11	6°30	29°57	24° 9	18°18	9° 6	22°23	17°52	15°19	16° 5	12°30	n.a.	T 4
F 5	4 14 8	4° 1'57	21°19	17°49	7°43	0♐43	24°11	18°16	9°10	22°24	17°51	15°17	16° 2	12°36	n.a.	F 5
S 6	4 18 5	5° 3'10	6♉16	19°26	8°57	1°30	24°14	18°13	9°13	22°26	17°51	15°16	15°59	12°43	n.a.	S 6
S 7	4 22 1	6° 4'22	21°24	21° 2	10°10	2°17	24°17	18°10	9°17	22°28	17°51	15°15	15°56	12°50	n.a.	S 7
M 8	4 25 58	7° 5'33	6♊32	22°36	11°23	3° 3	24°19	18° 7	9°20	22°29	17°51	15°14	15°53	12°56	n.a.	M 8
T 9	4 29 54	8° 6'44	21°33	24°10	12°37	3°50	24°21	18° 4	9°24	22°31	17°51	15°D14	15°50	13° 3	n.a.	T 9
W10	4 33 51	9° 7'54	6♋17	25°41	13°50	4°37	24°23	18° 1	9°27	22°33	17°51	15°15	15°46	13°10	n.a.	W10
T 11	4 37 48	10° 9'03	20°38	27°11	15° 3	5°23	24°25	17°58	9°31	22°35	17°51	15°15	15°43	13°16	n.a.	T 11
F 12	4 41 44	11°10'12	4♌33	28°37	16°16	6°10	24°26	17°54	9°34	22°36	17°D51	15°16	15°40	13°23	n.a.	F 12
S 13	4 45 41	12°11'20	18° 0	0♍ 1	17°29	6°57	24°28	17°51	9°38	22°38	17°51	15°16	15°37	13°30	n.a.	S 13
S 14	4 49 37	13°12'27	1♍ 1	1°21	18°42	7°44	24°29	17°47	9°41	22°40	17°51	15°16	15°34	13°36	n.a.	S 14
M15	4 53 34	14°13'34	13°40	2°36	19°55	8°31	24°30	17°44	9°45	22°42	17°51	15°R16	15°30	13°43	n.a.	M15
T 16	4 57 30	15°14'40	26° 0	3°46	21° 8	9°18	24°31	17°40	9°49	22°44	17°51	15°D16	15°27	13°50	n.a.	T 16
W17	5 1 27	16°15'46	8♎ 5	4°50	22°21	10° 4	24°32	17°37	9°52	22°46	17°51	15°16	15°24	13°56	n.a.	W17
T 18	5 5 24	17°16'50	20° 0	5°47	23°34	10°51	24°32	17°33	9°56	22°48	17°51	15°16	15°21	14° 3	n.a.	T 18
F 19	5 9 20	18°17'54	1♏49	6°37	24°47	11°38	24°32	17°29	9°59	22°50	17°51	15°17	15°18	14°10	n.a.	F 19
S 20	5 13 17	19°18'57	13°37	7°19	25°59	12°25	24°R32	17°25	10° 3	22°51	17°52	15°17	15°15	14°16	n.a.	S 20
S 21	5 17 13	20°19'59	25°26	7°51	27°12	13°12	24°32	17°21	10° 6	22°53	17°52	15°18	15°11	14°23	n.a.	S 21
M22	5 21 10	21°21'00	7♐20	8°13	28°24	13°59	24°32	17°17	10°10	22°55	17°52	15°18	15° 8	14°30	n.a.	M22
T 23	5 25 6	22°22'00	19°20	8°25	29°37	14°46	24°31	17°13	10°13	22°57	17°52	15°R18	15° 5	14°36	n.a.	T 23
W24	5 29 3	23°22'59	1♑29	8°R25	0♒49	15°33	24°31	17° 9	10°17	22°59	17°52	15°18	15° 2	14°43	n.a.	W24
T 25	5 32 59	24°23'56	13°48	8°15	2° 2	16°20	24°30	17° 5	10°20	23° 2	17°53	15°17	14°59	14°50	n.a.	T 25
F 26	5 36 56	25°24'52	26°18	7°53	3°14	17° 7	24°29	17° 0	10°24	23° 4	17°53	15°16	14°56	14°56	n.a.	F 26
S 27	5 40 53	26°25'47	9♒ 2	7°20	4°26	17°55	24°27	16°56	10°27	23° 6	17°53	15°14	14°52	15° 3	n.a.	S 27
S 28	5 44 49	27°26'40	21°58	6°38	5°38	18°42	24°26	16°52	10°31	23° 8	17°54	15°12	14°49	15°10	n.a.	S 28
M29	5 48 46	28°27'31	5♓11	5°46	6°50	19°29	24°24	16°47	10°34	23°10	17°54	15°11	14°46	15°16	n.a.	M29
T 30	5 52 42	29°28'20	18°39	4°47	8° 2	20°16	24°22	16°43	10°37	23°12	17°54	15°10	14°43	15°23	n.a.	T 30
W31	5 56 39	0♑29'08	2♈24	3♑42	9♒14	21♐ 3	24♌20	16♋38	10♐41	23♑14	17♓55	15°D10	14♐40	15♏30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20s28	8s43	4n57	24s34	2s 6	25s39	1s51	20s30	0s34	15n 3	1n23	23n22	0n51	22s17	0s 9	22s30	0s33	20s31	17s 7	23s 0	23s 6	18s29			n.a.
T 2	20 41	3 39	5 15	24 47	2 5	25 37	1 52	20 41	0 34	15 2	1 23	23 23	0 51	22 18	0 9	22 30	0 33	20 30	17 7	23 0	23 6	18 30			n.a.
W 3	20 54	1n44	5 15	24 58	2 4	25 35	1 52	20 52	0 35	15 1	1 24	23 23	0 51	22 18	0 9	22 29	0 33	20 30	17 6	23 0	23 6	18 31			n.a.
T 4	21 6	7 11	4 55	25 8	2 3	25 32	1 52	21 3	0 36	15 0	1 24	23 24	0 51	22 19	0 9	22 29	0 33	20 30	17 6	23 0	23 5	18 33			n.a.
F 5	21 18	12 24	4 17	25 15	2 0	25 28	1 52	21 13	0 36	15 0	1 24	23 25	0 51	22 19	0 9	22 29	0 33	20 30	17 6	23 0	23 5	18 34			n.a.
S 6	21 29	16 58	3 20	25 21	1 57	25 23	1 52	21 24	0 37	14 59	1 25	23 25	0 52	22 20	0 9	22 28	0 33	20 29	17 5	23 0	23 5	18 36			n.a.
S 7	21 40	20 28	2 9	25 25	1 54	25 17	1 52	21 34	0 37	14 58	1 25	23 26	0 52	22 21	0 9	22 28	0 33	20 29	17 5	23 0	23 4	18 37			n.a.
M 8	21 51	22 33	0 48	25 26	1 49	25 11	1 52	21 44	0 38	14 58	1 25	23 26	0 52	22 21	0 9	22 28	0 33	20 29	17 5	23 0	23 4	18 38			n.a.
T 9	22 1	22 58	0s35	25 26	1 44	25 4	1 52	21 53	0 39	14 57	1 25	23 27	0 52	22 22	0 9	22 28	0 33	20 29	17 4	23 0	23 4	18 40			n.a.
W10	22 11	21 46	1 54	25 24	1 38	24 56	1 51	22 3	0 39	14 57	1 26	23 27	0 52	22 22	0 9	22 27	0 33	20 28	17 4	23 0	23 3	18 41			n.a.
T 11	22 20	19 11	3 4	25 19	1 31	24 48	1 51	22 12	0 40	14 57	1 26	23 28	0 52	22 23	0 9	22 27	0 33	20 28	17 3	23 0	23 3	18 42			n.a.
F 12	22 29	15 32	4 1	25 13	1 24	24 38	1 50	22 21	0 40	14 57	1 26	23 29	0 53	22 23	0 9	22 27	0 33	20 28	17 3	23 0	23 3	18 44			n.a.
S 13	22 37	11 12	4 43	25 5	1 15	24 28	1 50	22 30	0 41	14 56	1 27	23 29	0 53	22 24	0 9	22 26	0 33	20 27	17 3	23 0	23 2	18 45			n.a.
S 14	22 45	6 29	5 8	24 54	1 5	24 18	1 49	22 38	0 41	14 56	1 27	23 30	0 53	22 24	0 9	22 26	0 33	20 27	17 2	23 0	23 2	18 47			n.a.
M15	22 53	1 39	5 18	24 42	0 54	24 6	1 48	22 46	0 42	14 56	1 27	23 30	0 53	22 25	0 9	22 26	0 33	20 27	17 2	23 0	23 1	18 48			n.a.
T 16	23 0	3s 9	5 12	24 29	0 43	23 54	1 47	22 54	0 43	14 56	1 28	23 31	0 53	22 25	0 9	22 25	0 33	20 26	17 2	23 0	23 1	18 49			n.a.
W17	23 6	7 44	4 53	24 14	0 30	23 41	1 46	23 2	0 43	14 56	1 28	23 32	0 53	22 26	0 9	22 25	0 33	20 26	17 1	23 0	23 1	18 51			n.a.
T 18	23 12	11 58	4 22	23 58	0 16	23 28	1 45	23 9	0 44	14 56	1 28	23 32	0 54	22 27	0 9	22 25	0 33	20 25	17 1	23 0	23 0	18 52			n.a.
F 19	23 18	15 43	3 39	23 40	0 1	23 13	1 44	23 16	0 44	14 57	1 29	23 33	0 54	22 27	0 9	22 25	0 33	20 25	17 1	23 0	23 0	18 53			n.a.
S 20	23 23	18 50	2 47	23 22	0n15	22 59	1 43	23 23	0 45	14 57	1 29	23 34	0 54	22 28	0 9	22 24	0 33	20 25	17 0	23 0	23 0	18 54			n.a.
S 21	23 28	21 11	1 48	23 4	0 32	22 43	1 42	23 30	0 45	14 57	1 29	23 34	0 54	22 28	0 9	22 24	0 33	20 24	17 0	23 0	22 59	18 56			n.a.
M22	23 32	22 37	0 44	22 45	0 49	22 27	1 40	23 36	0 46	14 58	1 30	23 35	0 54	22 29	0 9	22 24	0 33	20 24	16 59	23 0	22 59	18 57			n.a.
T 23	23 36	23 1	0n22	22 27	1 7	22 10	1 39	23 42	0 46	14 58	1 30	23 36	0 54	22 29	0 9	22 23	0 33	20 23	16 59	23 0	22 59	18 58			n.a.
W24	23 39	22 20	1 29	22 8	1 25	21 53	1 37	23 48	0 47	14 59	1 30	23 36	0 55	22 30	0 9	22 23	0 33	20 23	16 59	23 0	22 58	19 0			n.a.
T 25	23 42	20 35	2 32	21 50	1 44	21 35	1 35	23 54	0 47	14 59	1 31	23 37	0 55	22 30	0 9	22 22	0 33	20 22	16 58	23 0	22 58	19 1			n.a.
F 26	23 45	17 49	3 29	21 34	2 2	21 16	1 34	23 59	0 48	15 0	1 31	23 38	0 55	22 31	0 9	22 22	0 33	20 22	16 58	23 0	22 58	19 2			n.a.
S 27	23 47	14 11	4 16	21 18	2 20	20 57	1 32	24 4	0 48	15 1	1 31	23 39	0 55	22 31	0 9	22 22	0 33	20 22	16 58	23 0	22 57	19 4			n.a.
S 28	23 48	9 49	4 51	21 3	2 37	20 37	1 30	24 9	0 49	15 2	1 31	23 39	0 55	22 32	0 9	22 21	0 33	20 21	16 57	22 59	22 57	19 5			n.a.
M29	23 49	4 56	5 12	20 50	2 52	20 17	1 28	24 13	0 49	15 2	1 32	23 40	0 55	22 32	0 9	22 21	0 33	20 21	16 57	22 59	22 56	19 6			n.a.
T 30	23 50	0n17	5 16	20 38	3 6	19 56	1 26	24 17	0 50	15 3	1 32	23 41	0 55	22 33	0 9	22 21	0 33	20 20	16 57	22 59	22 56	19 7			n.a.
W31	23s50	5n35	5n 3	20s28	3n19	19s35	1s24	24s21	0s50	15n 4	1n32	23n41	0n55	22s33	0s 9	22s20	0s33	20s20	16s56	22s59	22s56	19s 9			n.a.

Julian Day Number = 1313773.5, Delta T = 07h39m11s
Ecliptic obliquity = 23°49'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'54, Lahiri = -19°21'54 Julian Calendar 1 Dec. 1117 BCE == Greg. Calendar 20 Nov. 1117 BCE

The year -1116 astronomical counting style corresponds to year 1117 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

JANUARY 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 35	1♉29'54	16♈26	2°R32	10♒25	21♐50	24°R18	16°R34	10♐44	23♉16	17♓55	15♐10	14♐36	15♏36	n.a.	T 1
F 2	6 4 32	2°30'38	0♉45	1♉21	11°37	22°37	24♌16	16♋29	10°48	23°18	17°56	15°11	14°33	15°43	n.a.	F 2
S 3	6 8 28	3°31'21	15°17	0°10	12°48	23°24	24°13	16°25	10°51	23°21	17°56	15°13	14°30	15°50	n.a.	S 3
S 4	6 12 25	4°32'01	29°59	29♐ 1	14° 0	24°11	24°10	16°20	10°54	23°23	17°57	15°14	14°27	15°56	n.a.	S 4
M 5	6 16 22	5°32'40	14♊46	27°55	15°11	24°59	24° 7	16°15	10°58	23°25	17°57	15°R14	14°24	16° 3	n.a.	M 5
T 6	6 20 18	6°33'17	29°31	26°54	16°22	25°46	24° 4	16°11	11° 1	23°27	17°58	15°14	14°21	16°10	n.a.	T 6
W 7	6 24 15	7°33'53	14♋ 5	25°59	17°33	26°33	24° 1	16° 6	11° 4	23°29	17°58	15°12	14°17	16°16	n.a.	W 7
T 8	6 28 11	8°34'27	28°24	25°11	18°44	27°20	23°57	16° 1	11° 8	23°31	17°59	15° 9	14°14	16°23	n.a.	T 8
F 9	6 32 8	9°34'59	12♌21	24°30	19°55	28° 7	23°54	15°56	11°11	23°34	18° 0	15° 6	14°11	16°30	n.a.	F 9
S 10	6 36 4	10°35'30	25°54	23°57	21° 6	28°54	23°50	15°52	11°14	23°36	18° 0	15° 2	14° 8	16°36	n.a.	S 10
S 11	6 40 1	11°35'59	9♍ 2	23°32	22°16	29°42	23°46	15°47	11°17	23°38	18° 1	14°58	14° 5	16°43	n.a.	S 11
M12	6 43 57	12°36'26	21°47	23°14	23°27	0♉29	23°42	15°42	11°20	23°40	18° 1	14°55	14° 2	16°50	n.a.	M12
T 13	6 47 54	13°36'52	4♎11	23° 4	24°37	1°16	23°37	15°37	11°23	23°43	18° 2	14°53	13°58	16°56	n.a.	T 13
W14	6 51 51	14°37'16	16°18	23°D 1	25°47	2° 3	23°33	15°32	11°27	23°45	18° 3	14°D53	13°55	17° 3	n.a.	W14
T 15	6 55 47	15°37'39	28°14	23° 4	26°57	2°50	23°28	15°27	11°30	23°47	18° 4	14°54	13°52	17°10	n.a.	T 15
F 16	6 59 44	16°38'00	10♏ 3	23°14	28° 7	3°38	23°23	15°23	11°33	23°49	18° 4	14°55	13°49	17°16	n.a.	F 16
S 17	7 3 40	17°38'20	21°51	23°31	29°17	4°25	23°18	15°18	11°36	23°52	18° 5	14°57	13°46	17°23	n.a.	S 17
S 18	7 7 37	18°38'38	3♐42	23°53	0♓27	5°12	23°13	15°13	11°39	23°54	18° 6	14°59	13°42	17°30	n.a.	S 18
M19	7 11 33	19°38'54	15°40	24°20	1°36	5°59	23° 8	15° 8	11°42	23°56	18° 7	14°R59	13°39	17°36	n.a.	M19
T 20	7 15 30	20°39'09	27°49	24°52	2°46	6°46	23° 2	15° 3	11°45	23°58	18° 7	14°58	13°36	17°43	n.a.	T 20
W21	7 19 26	21°39'21	10♑11	25°28	3°55	7°34	22°57	14°59	11°48	24° 1	18° 8	14°56	13°33	17°50	n.a.	W21
T 22	7 23 23	22°39'32	22°47	26° 9	5° 4	8°21	22°51	14°54	11°51	24° 3	18° 9	14°51	13°30	17°56	n.a.	T 22
F 23	7 27 20	23°39'41	5♒38	26°53	6°13	9° 8	22°45	14°49	11°54	24° 5	18°10	14°45	13°27	18° 3	n.a.	F 23
S 24	7 31 16	24°39'47	18°44	27°42	7°22	9°55	22°39	14°44	11°56	24° 8	18°11	14°38	13°23	18°10	n.a.	S 24
S 25	7 35 13	25°39'52	2♓ 3	28°33	8°30	10°42	22°33	14°40	11°59	24°10	18°12	14°31	13°20	18°16	n.a.	S 25
M26	7 39 9	26°39'54	15°35	29°28	9°38	11°29	22°27	14°35	12° 2	24°12	18°13	14°25	13°17	18°23	n.a.	M26
T 27	7 43 6	27°39'54	29°17	0♉25	10°47	12°17	22°20	14°30	12° 5	24°14	18°14	14°20	13°14	18°30	n.a.	T 27
W28	7 47 2	28°39'51	13♈ 9	1°26	11°55	13° 4	22°14	14°26	12° 7	24°17	18°14	14°17	13°11	18°36	n.a.	W28
T 29	7 50 59	29°39'46	27° 8	2°29	13° 3	13°51	22° 7	14°21	12°10	24°19	18°15	14°D15	13° 8	18°43	n.a.	T 29
F 30	7 54 55	0♒39'39	11♉15	3°34	14°10	14°38	22° 1	14°17	12°13	24°21	18°16	14°16	13° 4	18°50	n.a.	F 30
S 31	7 58 52	1♒39'30	25♉28	4♉41	15♓18	15♉25	21♌54	14♋12	12♐15	24♉23	18♓17	14♐17	13♐ 1	18♏56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s49	10n43	4n31	20 s19	3n29	19 s13	1 s21	24 s25	0 s51	15n 5	1n33	23n42	0n56	22 s34	0 s 9	22 s20	0 s33	20 s19	16 s56	22 s59	22 s55	19 s10			n.a.
F 2	23 48	15 23	3 42	20 12	3 37	18 50	1 19	24 28	0 51	15 6	1 33	23 43	0 56	22 34	0 9	22 20	0 33	20 19	16 55	22 59	22 55	19 11			n.a.
S 3	23 47	19 12	2 38	20 7	3 43	18 28	1 16	24 31	0 52	15 8	1 33	23 43	0 56	22 35	0 9	22 19	0 33	20 18	16 55	22 59	22 55	19 12			n.a.
S 4	23 45	21 50	1 23	20 3	3 46	18 4	1 14	24 34	0 52	15 9	1 34	23 44	0 56	22 35	0 9	22 19	0 33	20 18	16 55	23 0	22 54	19 14			n.a.
M 5	23 42	22 59	0 3	20 2	3 47	17 41	1 11	24 36	0 53	15 10	1 34	23 45	0 56	22 36	0 9	22 19	0 33	20 17	16 54	23 0	22 54	19 15			n.a.
T 6	23 40	22 32	1 s18	20 2	3 46	17 16	1 9	24 39	0 53	15 11	1 34	23 46	0 56	22 36	0 9	22 18	0 33	20 17	16 54	23 0	22 53	19 16			n.a.
W 7	23 36	20 32	2 33	20 3	3 43	16 52	1 6	24 40	0 54	15 13	1 34	23 46	0 56	22 37	0 9	22 18	0 33	20 16	16 54	22 59	22 53	19 17			n.a.
T 8	23 33	17 18	3 36	20 7	3 38	16 27	1 3	24 42	0 54	15 14	1 35	23 47	0 56	22 37	0 9	22 17	0 33	20 15	16 53	22 59	22 53	19 19			n.a.
F 9	23 28	13 8	4 25	20 12	3 31	16 1	1 0	24 43	0 55	15 16	1 35	23 48	0 57	22 38	0 9	22 17	0 33	20 15	16 53	22 59	22 52	19 20			n.a.
S 10	23 24	8 26	4 57	20 18	3 23	15 35	0 57	24 44	0 55	15 17	1 35	23 48	0 57	22 38	0 9	22 17	0 33	20 14	16 53	22 58	22 52	19 21			n.a.
S 11	23 19	3 29	5 13	20 26	3 14	15 9	0 54	24 45	0 55	15 19	1 36	23 49	0 57	22 39	0 9	22 16	0 33	20 14	16 52	22 58	22 52	19 22			n.a.
M12	23 13	1 s27	5 12	20 35	3 5	14 43	0 50	24 45	0 56	15 21	1 36	23 50	0 57	22 39	0 9	22 16	0 33	20 13	16 52	22 58	22 51	19 23			n.a.
T 13	23 7	6 13	4 57	20 45	2 54	14 16	0 47	24 45	0 56	15 22	1 36	23 50	0 57	22 40	0 9	22 15	0 34	20 13	16 52	22 57	22 51	19 25			n.a.
W14	23 1	10 38	4 28	20 55	2 43	13 49	0 44	24 45	0 57	15 24	1 36	23 51	0 57	22 40	0 9	22 15	0 34	20 12	16 51	22 57	22 50	19 26			n.a.
T 15	22 54	14 34	3 49	21 7	2 32	13 21	0 40	24 45	0 57	15 26	1 37	23 52	0 57	22 40	0 9	22 15	0 34	20 12	16 51	22 57	22 50	19 27			n.a.
F 16	22 46	17 54	3 0	21 19	2 20	12 53	0 37	24 44	0 57	15 28	1 37	23 52	0 57	22 41	0 9	22 14	0 34	20 11	16 51	22 58	22 50	19 28			n.a.
S 17	22 39	20 30	2 3	21 32	2 8	12 25	0 33	24 43	0 58	15 30	1 37	23 53	0 57	22 41	0 9	22 14	0 34	20 10	16 50	22 58	22 49	19 29			n.a.
S 18	22 30	22 14	1 1	21 45	1 56	11 57	0 29	24 42	0 58	15 32	1 37	23 54	0 58	22 42	0 9	22 14	0 34	20 10	16 50	22 58	22 49	19 30			n.a.
M19	22 22	22 59	0n 4	21 58	1 45	11 28	0 26	24 40	0 59	15 34	1 38	23 54	0 58	22 42	0 9	22 13	0 34	20 9	16 50	22 58	22 48	19 32			n.a.
T 20	22 13	22 39	1 10	22 11	1 33	11 0	0 22	24 38	0 59	15 36	1 38	23 55	0 58	22 43	0 9	22 13	0 34	20 9	16 49	22 58	22 48	19 33			n.a.
W21	22 3	21 13	2 13	22 24	1 21	10 31	0 18	24 36	0 59	15 38	1 38	23 56	0 58	22 43	0 9	22 12	0 34	20 8	16 49	22 58	22 48	19 34			n.a.
T 22	21 53	18 43	3 11	22 37	1 10	10 1	0 14	24 33	1 0	15 40	1 38	23 56	0 58	22 43	0 9	22 12	0 34	20 7	16 49	22 57	22 47	19 35			n.a.
F 23	21 43	15 17	4 1	22 49	0 58	9 32	0 10	24 30	1 0	15 42	1 39	23 57	0 58	22 44	0 9	22 12	0 34	20 7	16 49	22 56	22 47	19 36			n.a.
S 24	21 32	11 2	4 39	23 1	0 47	9 2	0 6	24 27	1 1	15 44	1 39	23 58	0 58	22 44	0 9	22 11	0 34	20 6	16 48	22 56	22 47	19 37			n.a.
S 25	21 21	6 13	5 2	23 13	0 36	8 32	0 2	24 24	1 1	15 47	1 39	23 58	0 58	22 45	0 9	22 11	0 34	20 5	16 48	22 55	22 46	19 39			n.a.
M26	21 10	1 2	5 9	23 24	0 25	8 2	0n 3	24 20	1 1	15 49	1 39	23 59	0 58	22 45	0 9	22 10	0 34	20 5	16 48	22 54	22 46	19 40			n.a.
T 27	20 58	4n16	4 59	23 35	0 15	7 32	0 7	24 16	1 2	15 51	1 40	23 59	0 58	22 45	0 9	22 10	0 34	20 4	16 47	22 53	22 45	19 41			n.a.
W28	20 46	9 25	4 31	23 44	0 5	7 2	0 11	24 12	1 2	15 54	1 40	24 0	0 58	22 46	0 9	22 10	0 34	20 4	16 47	22 53	22 45	19 42			n.a.
T 29	20 33	14 8	3 47	23 53	0 s 5	6 32	0 16	24 8	1 2	15 56	1 40	24 0	0 58	22 46	0 9	22 9	0 34	20 3	16 47	22 53	22 45	19 43			n.a.
F 30	20 20	18 7	2 49	24 1	0 14	6 1	0 20	24 3	1 3	15 58	1 40	24 1	0 59	22 47	0 9	22 9	0 34	20 2	16 47	22 53	22 44	19 44			n.a.
S 31	20 s 7	21n 3	1n40	24 s 8	0 s24	5 s31	0n25	23 s58	1 s 3	16n 1	1n40	24n 2	0n59	22 s47	0 s 9	22 s 8	0 s34	20 s 2	16 s46	22 s53	22 s44	19 s45			n.a.

Julian Day Number = 1313804.5, Delta T = 07h39m09s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'50, Lahiri = -19°21'50 Julian Calendar 1 Jan. 1116 BCE == Greg. Calendar 21 Dec. 1117 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

FEBRUARY 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 2 49	2♒39'18	9♊45	5♉51	16♓25	16♉12	21°R47	14°R 8	12♐18	24♉26	18♓18	14°R18	12♐58	19♏ 3	n.a.	S 1
M 2	8 6 45	3°39'03	24° 4	7° 3	17°32	16°59	21♌40	14♋ 3	12°21	24°28	18°19	14♐18	12°55	19°10	n.a.	M 2
T 3	8 10 42	4°38'47	8♋22	8°16	18°39	17°46	21°33	13°59	12°23	24°30	18°21	14°15	12°52	19°16	n.a.	T 3
W 4	8 14 38	5°38'28	22°33	9°32	19°45	18°33	21°26	13°55	12°26	24°33	18°22	14°10	12°48	19°23	n.a.	W 4
T 5	8 18 35	6°38'07	6♌33	10°49	20°51	19°20	21°19	13°50	12°28	24°35	18°23	14° 3	12°45	19°30	n.a.	T 5
F 6	8 22 31	7°37'43	20°18	12° 8	21°58	20° 7	21°11	13°46	12°30	24°37	18°24	13°55	12°42	19°36	n.a.	F 6
S 7	8 26 28	8°37'18	3♍45	13°29	23° 3	20°54	21° 4	13°42	12°33	24°39	18°25	13°45	12°39	19°43	n.a.	S 7
S 8	8 30 24	9°36'50	16°50	14°51	24° 9	21°41	20°56	13°38	12°35	24°41	18°26	13°36	12°36	19°50	n.a.	S 8
M 9	8 34 21	10°36'21	29°35	16°15	25°14	22°28	20°49	13°34	12°37	24°44	18°27	13°27	12°33	19°56	n.a.	M 9
T 10	8 38 18	11°35'49	12♎ 1	17°40	26°19	23°15	20°41	13°30	12°40	24°46	18°28	13°21	12°29	20° 3	n.a.	T 10
W11	8 42 14	12°35'15	24°10	19° 7	27°24	24° 2	20°34	13°26	12°42	24°48	18°29	13°17	12°26	20°10	n.a.	W11
T 12	8 46 11	13°34'40	6♏ 7	20°35	28°29	24°49	20°26	13°22	12°44	24°50	18°30	13°15	12°23	20°16	n.a.	T 12
F 13	8 50 7	14°34'03	17°57	22° 4	29°33	25°36	20°19	13°18	12°46	24°52	18°32	13°D15	12°20	20°23	n.a.	F 13
S 14	8 54 4	15°33'24	29°46	23°35	0♈37	26°22	20°11	13°15	12°48	24°55	18°33	13°15	12°17	20°29	n.a.	S 14
S 15	8 58 0	16°32'43	11♐38	25° 8	1°41	27° 9	20° 3	13°11	12°50	24°57	18°34	13°R16	12°14	20°36	n.a.	S 15
M16	9 1 57	17°32'00	23°39	26°42	2°44	27°56	19°56	13° 8	12°52	24°59	18°35	13°15	12°10	20°43	n.a.	M16
T 17	9 5 53	18°31'15	5♑54	28°17	3°47	28°43	19°48	13° 4	12°54	25° 1	18°36	13°13	12° 7	20°49	n.a.	T 17
W18	9 9 50	19°30'28	18°25	29°54	4°50	29°30	19°40	13° 1	12°56	25° 3	18°38	13° 8	12° 4	20°56	n.a.	W18
T 19	9 13 46	20°29'38	1♒16	1♒32	5°52	0♒16	19°32	12°57	12°58	25° 5	18°39	13° 0	12° 1	21° 3	n.a.	T 19
F 20	9 17 43	21°28'47	14°26	3°11	6°54	1° 3	19°25	12°54	13° 0	25° 7	18°40	12°51	11°58	21° 9	n.a.	F 20
S 21	9 21 40	22°27'54	27°56	4°52	7°56	1°50	19°17	12°51	13° 2	25° 9	18°41	12°39	11°54	21°16	n.a.	S 21
S 22	9 25 36	23°26'58	11♓41	6°34	8°58	2°36	19° 9	12°48	13° 3	25°11	18°43	12°28	11°51	21°23	n.a.	S 22
M23	9 29 33	24°26'00	25°39	8°17	9°59	3°23	19° 1	12°45	13° 5	25°14	18°44	12°17	11°48	21°29	n.a.	M23
T 24	9 33 29	25°25'00	9♈45	10° 2	10°59	4°10	18°54	12°42	13° 7	25°16	18°45	12° 8	11°45	21°36	n.a.	T 24
W25	9 37 26	26°23'57	23°55	11°49	11°59	4°56	18°46	12°39	13° 8	25°18	18°47	12° 2	11°42	21°43	n.a.	W25
T 26	9 41 22	27°22'52	8♉ 6	13°36	12°59	5°43	18°38	12°36	13°10	25°20	18°48	11°59	11°39	21°49	n.a.	T 26
F 27	9 45 19	28°21'45	22°15	15°26	13°59	6°29	18°31	12°34	13°11	25°22	18°49	11°58	11°35	21°56	n.a.	F 27
S 28	9 49 15	29♒20'35	6♊21	17♒16	14♈58	7♒16	18♌23	12♋31	13♐13	25♉24	18♓50	11♐57	11♐32	22♏ 3	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	19s53	22n41	0n25	24s14	0s33	5s 0	0n29	23s52	1s 3	16n 3	1n40	24n 2	0n59	22s47	0s 9	22s 8	0s34	20s 1	16s46	22s53	22s43	19s46			n.a.	S 1
M 2	19 39	22 49	0s53	24 19	0 41	4 29	0 34	23 47	1 3	16 6	1 41	24 3	0 59	22 48	0 9	22 8	0 34	20 0	16 46	22 53	22 43	19 47			n.a.	M 2
T 3	19 25	21 28	2 6	24 23	0 49	3 58	0 39	23 41	1 4	16 8	1 41	24 3	0 59	22 48	0 9	22 7	0 34	20 0	16 46	22 53	22 42	19 49			n.a.	T 3
W 4	19 10	18 46	3 11	24 26	0 57	3 28	0 43	23 35	1 4	16 11	1 41	24 4	0 59	22 48	0 9	22 7	0 34	19 59	16 45	22 52	22 42	19 50			n.a.	W 4
T 5	18 55	15 1	4 3	24 27	1 5	2 57	0 48	23 28	1 4	16 13	1 41	24 4	0 59	22 49	0 9	22 6	0 34	19 58	16 45	22 51	22 42	19 51			n.a.	T 5
F 6	18 40	10 31	4 41	24 27	1 12	2 26	0 53	23 21	1 5	16 16	1 41	24 5	0 59	22 49	0 9	22 6	0 34	19 58	16 45	22 50	22 41	19 52			n.a.	F 6
S 7	18 24	5 37	5 1	24 26	1 18	1 55	0 58	23 14	1 5	16 18	1 41	24 5	0 59	22 49	0 9	22 6	0 34	19 57	16 45	22 49	22 41	19 53			n.a.	S 7
S 8	18 8	0 36	5 5	24 23	1 25	1 24	1 3	23 7	1 5	16 21	1 42	24 6	0 59	22 50	0 9	22 5	0 34	19 56	16 44	22 48	22 40	19 54			n.a.	S 8
M 9	17 52	4s19	4 54	24 19	1 31	0 54	1 7	23 0	1 5	16 23	1 42	24 6	0 59	22 50	0 9	22 5	0 34	19 56	16 44	22 47	22 40	19 55			n.a.	M 9
T 10	17 35	8 56	4 29	24 14	1 36	0 23	1 12	22 52	1 6	16 26	1 42	24 7	0 59	22 50	0 9	22 5	0 34	19 55	16 44	22 46	22 40	19 56			n.a.	T 10
W11	17 18	13 6	3 52	24 7	1 42	0n 8	1 17	22 44	1 6	16 29	1 42	24 7	0 59	22 51	0 9	22 4	0 34	19 54	16 44	22 46	22 39	19 57			n.a.	W11
T 12	17 1	16 41	3 5	23 59	1 47	0 39	1 22	22 36	1 6	16 31	1 42	24 8	0 59	22 51	0 9	22 4	0 34	19 54	16 43	22 45	22 39	19 58			n.a.	T 12
F 13	16 44	19 33	2 11	23 49	1 51	1 9	1 27	22 27	1 6	16 34	1 42	24 8	0 59	22 51	0 9	22 3	0 34	19 53	16 43	22 45	22 38	19 59			n.a.	F 13
S 14	16 26	21 36	1 12	23 37	1 55	1 40	1 32	22 18	1 7	16 36	1 42	24 8	0 59	22 51	0 9	22 3	0 34	19 52	16 43	22 46	22 38	20 0			n.a.	S 14
S 15	16 8	22 41	0 9	23 24	1 59	2 10	1 38	22 9	1 7	16 39	1 42	24 9	0 59	22 52	0 9	22 3	0 34	19 52	16 43	22 46	22 37	20 1			n.a.	S 15
M16	15 50	22 45	0n55	23 9	2 2	2 40	1 43	22 0	1 7	16 41	1 42	24 9	0 59	22 52	0 9	22 2	0 34	19 51	16 43	22 46	22 37	20 2			n.a.	M16
T 17	15 31	21 44	1 58	22 52	2 5	3 10	1 48	21 51	1 7	16 44	1 42	24 10	0 59	22 52	0 10	22 2	0 34	19 50	16 42	22 45	22 37	20 3			n.a.	T 17
W18	15 12	19 38	2 56	22 34	2 7	3 40	1 53	21 41	1 7	16 46	1 42	24 10	0 59	22 52	0 10	22 1	0 34	19 50	16 42	22 45	22 36	20 4			n.a.	W18
T 19	14 53	16 31	3 46	22 14	2 9	4 10	1 58	21 31	1 8	16 49	1 43	24 10	0 59	22 53	0 10	22 1	0 34	19 49	16 42	22 44	22 36	20 5			n.a.	T 19
F 20	14 34	12 31	4 26	21 52	2 10	4 40	2 3	21 21	1 8	16 52	1 43	24 11	1 0	22 53	0 10	22 1	0 34	19 48	16 42	22 42	22 35	20 6			n.a.	F 20
S 21	14 15	7 49	4 52	21 29	2 11	5 9	2 8	21 11	1 8	16 54	1 43	24 11	1 0	22 53	0 10	22 0	0 34	19 48	16 42	22 41	22 35	20 7			n.a.	S 21
S 22	13 55	2 39	5 2	21 3	2 12	5 39	2 14	21 0	1 8	16 57	1 43	24 11	1 0	22 53	0 10	22 0	0 34	19 47	16 42	22 39	22 34	20 8			n.a.	S 22
M23	13 35	2n44	4 54	20 36	2 12	6 8	2 19	20 49	1 8	16 59	1 43	24 12	1 0	22 54	0 10	22 0	0 34	19 46	16 41	22 38	22 34	20 9			n.a.	M23
T 24	13 15	8 1	4 28	20 7	2 11	6 37	2 24	20 38	1 8	17 2	1 43	24 12	1 0	22 54	0 10	21 59	0 34	19 46	16 41	22 37	22 34	20 10			n.a.	T 24
W25	12 55	12 55	3 46	19 36	2 10	7 6	2 29	20 27	1 9	17 4	1 43	24 12	1 0	22 54	0 10	21 59	0 34	19 45	16 41	22 36	22 33	20 11			n.a.	W25
T 26	12 35	17 6	2 49	19 3	2 8	7 34	2 34	20 15	1 9	17 6	1 43	24 12	1 0	22 54	0 10	21 59	0 34	19 45	16 41	22 35	22 33	20 12			n.a.	T 26
F 27	12 14	20 17	1 43	18 29	2 6	8 2	2 39	20 4	1 9	17 9	1 43	24 13	1 0	22 55	0 10	21 58	0 34	19 44	16 41	22 35	22 32	20 13			n.a.	F 27
S 28	11s53	22n12	0n30	17s52	2s 4	8n30	2n45	19s52	1s 9	17n11	1n43	24n13	1n 0	22s55	0s10	21s58	0s34	19s43	16s41	22s35	22s32	20s14			n.a.	S 28

Julian Day Number = 1313835.5, Delta T = 07h39m07s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'46, Lahiri = -19°21'45 Julian Calendar 1 Feb. 1116 BCE == Greg. Calendar 21 Jan. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

MARCH 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 53 12	0♓19'23	20♊23	19♒ 8	15♈56	8♒ 2	18°R16	12°R29	13♐14	25♉25	18♓52	11°R57	11♐29	22♏ 9	n.a.	S 1
M 2	9 57 8	1°18'08	4♋21	21° 2	16°54	8°48	18♌ 8	12♋26	13°15	25°27	18°53	11♐56	11°26	22°16	n.a.	M 2
T 3	10 1 5	2°16'51	18°13	22°57	17°52	9°35	18° 1	12°24	13°17	25°29	18°54	11°52	11°23	22°23	n.a.	T 3
W 4	10 5 2	3°15'32	1♌57	24°54	18°49	10°21	17°54	12°22	13°18	25°31	18°56	11°45	11°20	22°29	n.a.	W 4
T 5	10 8 58	4°14'10	15°33	26°51	19°45	11° 7	17°47	12°20	13°19	25°33	18°57	11°36	11°16	22°36	n.a.	T 5
F 6	10 12 55	5°12'46	28°56	28°51	20°41	11°54	17°40	12°18	13°20	25°35	18°58	11°24	11°13	22°43	n.a.	F 6
S 7	10 16 51	6°11'20	12♍ 5	0♓51	21°37	12°40	17°32	12°16	13°21	25°37	19° 0	11°11	11°10	22°49	n.a.	S 7
S 8	10 20 48	7° 9'52	24°58	2°53	22°32	13°26	17°26	12°14	13°23	25°39	19° 1	10°58	11° 7	22°56	n.a.	S 8
M 9	10 24 44	8° 8'22	7♎35	4°56	23°26	14°12	17°19	12°13	13°24	25°40	19° 3	10°47	11° 4	23° 3	n.a.	M 9
T 10	10 28 41	9° 6'49	19°55	7° 1	24°20	14°58	17°12	12°11	13°25	25°42	19° 4	10°37	11° 0	23° 9	n.a.	T 10
W11	10 32 37	10° 5'16	2♏ 2	9° 6	25°13	15°44	17° 5	12°10	13°25	25°44	19° 5	10°30	10°57	23°16	n.a.	W11
T 12	10 36 34	11° 3'40	13°59	11°12	26° 5	16°30	16°59	12° 8	13°26	25°46	19° 7	10°26	10°54	23°22	n.a.	T 12
F 13	10 40 30	12° 2'03	25°48	13°19	26°57	17°16	16°52	12° 7	13°27	25°47	19° 8	10°24	10°51	23°29	n.a.	F 13
S 14	10 44 27	13° 0'23	7♐37	15°27	27°48	18° 2	16°46	12° 6	13°28	25°49	19° 9	10°24	10°48	23°36	n.a.	S 14
S 15	10 48 24	13°58'43	19°29	17°34	28°38	18°48	16°40	12° 5	13°29	25°51	19°11	10°24	10°45	23°42	n.a.	S 15
M16	10 52 20	14°57'00	1♑31	19°42	29°28	19°34	16°33	12° 4	13°29	25°52	19°12	10°23	10°41	23°49	n.a.	M16
T 17	10 56 17	15°55'16	13°47	21°49	0♉17	20°20	16°27	12° 3	13°30	25°54	19°14	10°21	10°38	23°56	n.a.	T 17
W18	11 0 13	16°53'30	26°23	23°56	1° 5	21° 6	16°22	12° 2	13°31	25°56	19°15	10°16	10°35	24° 2	n.a.	W18
T 19	11 4 10	17°51'43	9♒22	26° 3	1°52	21°51	16°16	12° 1	13°31	25°57	19°16	10° 9	10°32	24° 9	n.a.	T 19
F 20	11 8 6	18°49'53	22°44	28° 8	2°38	22°37	16°10	12° 1	13°32	25°59	19°18	9°59	10°29	24°16	n.a.	F 20
S 21	11 12 3	19°48'02	6♓31	0♈11	3°24	23°23	16° 5	12° 0	13°32	26° 0	19°19	9°48	10°25	24°22	n.a.	S 21
S 22	11 15 59	20°46'09	20°38	2°13	4° 8	24° 8	15°59	12° 0	13°32	26° 2	19°21	9°36	10°22	24°29	n.a.	S 22
M23	11 19 56	21°44'15	5♈ 1	4°13	4°52	24°54	15°54	12° 0	13°33	26° 3	19°22	9°25	10°19	24°36	n.a.	M23
T 24	11 23 53	22°42'18	19°33	6°11	5°35	25°40	15°49	12° 0	13°33	26° 5	19°23	9°16	10°16	24°42	n.a.	T 24
W25	11 27 49	23°40'20	4♉ 8	8° 6	6°16	26°25	15°44	12°D 0	13°33	26° 6	19°25	9° 9	10°13	24°49	n.a.	W25
T 26	11 31 46	24°38'19	18°39	9°58	6°57	27°10	15°40	12° 0	13°33	26° 8	19°26	9° 6	10°10	24°56	n.a.	T 26
F 27	11 35 42	25°36'17	3♊ 2	11°47	7°36	27°56	15°35	12° 0	13°33	26° 9	19°27	9°D 5	10° 6	25° 2	n.a.	F 27
S 28	11 39 39	26°34'13	17°14	13°33	8°14	28°41	15°31	12° 0	13°33	26°10	19°29	9° 5	10° 3	25° 9	n.a.	S 28
S 29	11 43 35	27°32'06	1♋14	15°16	8°52	29°26	15°26	12° 1	13°R34	26°12	19°30	9°R 5	10° 0	25°16	n.a.	S 29
M30	11 47 32	28°29'58	15° 2	16°55	9°27	0♓12	15°22	12° 1	13°33	26°13	19°32	9° 4	9°57	25°22	n.a.	M30
T 31	11 51 28	29♓27'48	28♋37	18♈30	10♉ 2	0♓57	15♌18	12♋ 2	13♐33	26♉14	19♓33	9♐ 1	9♐54	25♏29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s32	22n44	0s45	17s14	2s 1	8n58	2n50	19s40	1s 9	17n13	1n43	24n13	1n 0	22s55	0s10	21s58	0s34	19s43	16s41	22s35	22s31	20s15			n.a.
M 2	11 11	21 50	1 56	16 34	1 57	9 26	2 55	19 28	1 9	17 16	1 43	24 13	1 0	22 55	0 10	21 57	0 34	19 42	16 40	22 35	22 31	20 16			n.a.
T 3	10 50	19 36	2 59	15 52	1 53	9 53	3 0	19 15	1 9	17 18	1 43	24 14	1 0	22 55	0 10	21 57	0 34	19 41	16 40	22 35	22 31	20 17			n.a.
W 4	10 28	16 17	3 52	15 8	1 48	10 20	3 5	19 3	1 9	17 20	1 43	24 14	1 0	22 56	0 10	21 57	0 34	19 41	16 40	22 34	22 30	20 18			n.a.
T 5	10 7	12 8	4 30	14 22	1 43	10 46	3 10	18 50	1 9	17 22	1 42	24 14	1 0	22 56	0 10	21 56	0 34	19 40	16 40	22 32	22 30	20 19			n.a.
F 6	9 45	7 27	4 53	13 35	1 37	11 12	3 15	18 37	1 10	17 25	1 42	24 14	1 0	22 56	0 10	21 56	0 34	19 39	16 40	22 31	22 29	20 20			n.a.
S 7	9 23	2 31	5 0	12 45	1 31	11 38	3 20	18 24	1 10	17 27	1 42	24 14	1 0	22 56	0 10	21 56	0 34	19 39	16 40	22 29	22 29	20 21			n.a.
S 8	9 1	2s25	4 52	11 54	1 24	12 4	3 25	18 10	1 10	17 29	1 42	24 15	1 0	22 56	0 10	21 55	0 34	19 38	16 40	22 27	22 28	20 22			n.a.
M 9	8 39	7 9	4 29	11 2	1 16	12 29	3 30	17 57	1 10	17 31	1 42	24 15	1 0	22 56	0 10	21 55	0 34	19 37	16 40	22 25	22 28	20 22			n.a.
T 10	8 17	11 30	3 53	10 8	1 8	12 53	3 34	17 43	1 10	17 33	1 42	24 15	1 0	22 56	0 10	21 55	0 34	19 37	16 40	22 24	22 27	20 23			n.a.
W11	7 54	15 19	3 8	9 12	1 0	13 18	3 39	17 29	1 10	17 35	1 42	24 15	1 0	22 57	0 10	21 54	0 34	19 36	16 40	22 23	22 27	20 24			n.a.
T 12	7 32	18 26	2 15	8 16	0 51	13 42	3 44	17 15	1 10	17 37	1 42	24 15	1 0	22 57	0 10	21 54	0 35	19 36	16 40	22 22	22 26	20 25			n.a.
F 13	7 9	20 46	1 17	7 18	0 41	14 5	3 48	17 1	1 10	17 39	1 42	24 15	1 0	22 57	0 10	21 54	0 35	19 35	16 39	22 22	22 26	20 26			n.a.
S 14	6 47	22 11	0 15	6 19	0 32	14 28	3 53	16 47	1 10	17 41	1 42	24 15	1 0	22 57	0 10	21 53	0 35	19 34	16 39	22 22	22 26	20 27			n.a.
S 15	6 24	22 36	0n48	5 19	0 22	14 51	3 57	16 32	1 10	17 43	1 42	24 16	1 0	22 57	0 10	21 53	0 35	19 34	16 39	22 22	22 25	20 28			n.a.
M16	6 1	22 0	1 49	4 19	0 11	15 13	4 2	16 18	1 10	17 44	1 42	24 16	1 0	22 57	0 10	21 53	0 35	19 33	16 39	22 22	22 25	20 29			n.a.
T 17	5 38	20 20	2 47	3 18	0 0	15 35	4 6	16 3	1 10	17 46	1 41	24 16	1 0	22 57	0 10	21 53	0 35	19 33	16 39	22 22	22 24	20 30			n.a.
W18	5 15	17 39	3 38	2 17	0n11	15 56	4 10	15 48	1 10	17 48	1 41	24 16	1 0	22 57	0 10	21 52	0 35	19 32	16 39	22 21	22 24	20 30			n.a.
T 19	4 52	14 2	4 19	1 16	0 22	16 17	4 15	15 33	1 10	17 49	1 41	24 16	1 0	22 57	0 10	21 52	0 35	19 31	16 39	22 20	22 23	20 31			n.a.
F 20	4 29	9 38	4 48	0 16	0 33	16 37	4 19	15 18	1 10	17 51	1 41	24 16	1 0	22 58	0 10	21 52	0 35	19 31	16 39	22 18	22 23	20 32			n.a.
S 21	4 6	4 37	5 1	0n44	0 44	16 57	4 23	15 2	1 10	17 52	1 41	24 16	1 0	22 58	0 10	21 51	0 35	19 30	16 39	22 17	22 22	20 33			n.a.
S 22	3 43	0n45	4 56	1 44	0 55	17 16	4 26	14 47	1 10	17 54	1 41	24 16	1 0	22 58	0 10	21 51	0 35	19 30	16 39	22 15	22 22	20 34			n.a.
M23	3 20	6 10	4 32	2 42	1 5	17 35	4 30	14 32	1 10	17 55	1 41	24 16	1 0	22 58	0 10	21 51	0 35	19 29	16 39	22 13	22 21	20 35			n.a.
T 24	2 56	11 19	3 51	3 39	1 16	17 53	4 34	14 16	1 10	17 57	1 40	24 16	1 0	22 58	0 10	21 51	0 35	19 29	16 39	22 12	22 21	20 36			n.a.
W25	2 33	15 49	2 54	4 34	1 26	18 10	4 37	14 0	1 10	17 58	1 40	24 16	1 0	22 58	0 10	21 50	0 35	19 28	16 39	22 11	22 20	20 36			n.a.
T 26	2 10	19 21	1 46	5 28	1 35	18 27	4 40	13 44	1 10	17 59	1 40	24 16	1 0	22 58	0 10	21 50	0 35	19 28	16 39	22 10	22 20	20 37			n.a.
F 27	1 46	21 38	0 32	6 20	1 45	18 44	4 44	13 28	1 10	18 1	1 40	24 16	1 0	22 58	0 10	21 50	0 35	19 27	16 39	22 10	22 20	20 38			n.a.
S 28	1 23	22 29	0s43	7 10	1 53	18 59	4 47	13 12	1 9	18 2	1 40	24 16	1 0	22 58	0 10	21 50	0 35	19 26	16 39	22 10	22 19	20 39			n.a.
S 29	1 0	21 54	1 55	7 58	2 2	19 14	4 49	12 56	1 9	18 3	1 40	24 16	1 0	22 58	0 10	21 50	0 35	19 26	16 39	22 10	22 19	20 40			n.a.
M30	0 36	20 0	2 59	8 44	2 9	19 29	4 52	12 40	1 9	18 4	1 39	24 16	1 0	22 58	0 10	21 49	0 35	19 25	16 39	22 10	22 18	20 40			n.a.
T 31	0s13	17n 0	3s51	9n27	2n16	19n42	4n55	12s23	1s 9	18n 5	1n39	24n16	1n 0	22s58	0s10	21s49	0s35	19s25	16s39	22s10	22s18	20s41			n.a.

Julian Day Number = 1313863.5, Delta T = 07h39m06s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'42, Lahiri = -19°21'42 Julian Calendar 1 March 1116 BCE == Greg. Calendar 18 Feb. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

APRIL 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 55 25	0♈25'36	12♌ 1	20♈ 2	10♉35	1♓42	15°R15	12♋ 3	13°R33	26♑15	19♓34	8°R55	9♐51	25♏36	n.a.	W 1
T 2	11 59 22	1°23'21	25°14	21°30	11° 7	2°27	15♌11	12° 3	13♐33	26°17	19°36	8♐47	9°47	25°42	n.a.	T 2
F 3	12 3 18	2°21'05	8♍14	22°55	11°37	3°12	15° 8	12° 4	13°33	26°18	19°37	8°37	9°44	25°49	n.a.	F 3
S 4	12 7 15	3°18'48	21° 3	24°15	12° 6	3°57	15° 4	12° 5	13°33	26°19	19°38	8°25	9°41	25°55	n.a.	S 4
S 5	12 11 11	4°16'29	3♎38	25°32	12°33	4°42	15° 1	12° 6	13°32	26°20	19°40	8°14	9°38	26° 2	n.a.	S 5
M 6	12 15 8	5°14'08	16° 1	26°44	12°58	5°27	14°58	12° 8	13°32	26°21	19°41	8° 4	9°35	26° 9	n.a.	M 6
T 7	12 19 4	6°11'46	28°12	27°53	13°22	6°12	14°56	12° 9	13°31	26°22	19°42	7°55	9°31	26°15	n.a.	T 7
W 8	12 23 1	7° 9'23	10♏13	28°57	13°44	6°57	14°53	12°10	13°31	26°23	19°44	7°49	9°28	26°22	n.a.	W 8
T 9	12 26 57	8° 6'58	22° 6	29°57	14° 4	7°41	14°51	12°12	13°30	26°24	19°45	7°46	9°25	26°29	n.a.	T 9
F 10	12 30 54	9° 4'32	3♐54	0♉53	14°23	8°26	14°49	12°14	13°30	26°25	19°46	7°D45	9°22	26°35	n.a.	F 10
S 11	12 34 50	10° 2'05	15°42	1°45	14°39	9°11	14°47	12°15	13°29	26°26	19°48	7°45	9°19	26°42	n.a.	S 11
S 12	12 38 47	10°59'37	27°34	2°32	14°54	9°55	14°45	12°17	13°29	26°27	19°49	7°46	9°16	26°49	n.a.	S 12
M13	12 42 44	11°57'08	9♑35	3°15	15° 7	10°40	14°43	12°19	13°28	26°28	19°50	7°R46	9°12	26°55	n.a.	M13
T 14	12 46 40	12°54'38	21°51	3°53	15°17	11°24	14°42	12°21	13°27	26°29	19°52	7°46	9° 9	27° 2	n.a.	T 14
W15	12 50 37	13°52'07	4♒27	4°27	15°25	12° 9	14°40	12°23	13°26	26°30	19°53	7°44	9° 6	27° 9	n.a.	W15
T 16	12 54 33	14°49'34	17°26	4°56	15°31	12°53	14°39	12°26	13°26	26°31	19°54	7°40	9° 3	27°15	n.a.	T 16
F 17	12 58 30	15°47'01	0♓52	5°20	15°35	13°37	14°38	12°28	13°25	26°31	19°56	7°34	9° 0	27°22	n.a.	F 17
S 18	13 2 26	16°44'27	14°45	5°40	15°R37	14°22	14°37	12°30	13°24	26°32	19°57	7°26	8°56	27°29	n.a.	S 18
S 19	13 6 23	17°41'52	29° 3	5°55	15°36	15° 6	14°37	12°33	13°23	26°33	19°58	7°19	8°53	27°35	n.a.	S 19
M20	13 10 19	18°39'16	13♈41	6° 5	15°33	15°50	14°36	12°36	13°22	26°33	19°59	7°11	8°50	27°42	n.a.	M20
T 21	13 14 16	19°36'39	28°33	6°11	15°28	16°34	14°36	12°38	13°21	26°34	20° 1	7° 5	8°47	27°48	n.a.	T 21
W22	13 18 13	20°34'00	13♉30	6°R12	15°20	17°18	14°D36	12°41	13°20	26°35	20° 2	7° 1	8°44	27°55	n.a.	W22
T 23	13 22 9	21°31'21	28°23	6° 8	15°10	18° 2	14°36	12°44	13°18	26°35	20° 3	6°59	8°41	28° 2	n.a.	T 23
F 24	13 26 6	22°28'41	13♊ 5	6° 0	14°57	18°46	14°37	12°47	13°17	26°36	20° 4	6°D59	8°37	28° 8	n.a.	F 24
S 25	13 30 2	23°25'59	27°32	5°48	14°42	19°30	14°37	12°50	13°16	26°36	20° 5	7° 0	8°34	28°15	n.a.	S 25
S 26	13 33 59	24°23'16	11♋41	5°32	14°25	20°13	14°38	12°53	13°15	26°37	20° 7	7° 1	8°31	28°22	n.a.	S 26
M27	13 37 55	25°20'32	25°30	5°12	14° 5	20°57	14°39	12°57	13°13	26°37	20° 8	7°R 2	8°28	28°28	n.a.	M27
T 28	13 41 52	26°17'47	9♌ 1	4°49	13°43	21°41	14°40	13° 0	13°12	26°38	20° 9	7° 1	8°25	28°35	n.a.	T 28
W29	13 45 48	27°15'00	22°14	4°22	13°19	22°24	14°41	13° 3	13°11	26°38	20°10	6°58	8°22	28°42	n.a.	W29
T 30	13 49 45	28♈12'12	5♍11	3♉54	12♉53	23♓ 8	14♌42	13♋ 7	13♐ 9	26♑38	20♓11	6♐54	8♐18	28♏48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n10	13n 8	4s31	10n 9	2n22	19n55	4n57	12s 7	1s 9	18n 6	1n39	24n16	1n 0	22s58	0s10	21s49	0s35	19s24	16s39	22s 9	22s17	20s42			n.a.
T 2	0 34	8 42	4 55	10 47	2 27	20 7	4 59	11 50	1 9	18 7	1 39	24 15	1 0	22 58	0 10	21 49	0 35	19 24	16 39	22 7	22 17	20 43			n.a.
F 3	0 57	3 56	5 3	11 24	2 32	20 19	5 1	11 34	1 9	18 8	1 39	24 15	1 0	22 58	0 10	21 48	0 35	19 23	16 40	22 6	22 16	20 44			n.a.
S 4	1 20	0s55	4 56	11 58	2 36	20 30	5 2	11 17	1 9	18 8	1 38	24 15	1 0	22 58	0 10	21 48	0 35	19 23	16 40	22 4	22 16	20 44			n.a.
S 5	1 44	5 39	4 34	12 29	2 39	20 40	5 4	11 0	1 9	18 9	1 38	24 15	0 59	22 58	0 10	21 48	0 35	19 22	16 40	22 2	22 15	20 45			n.a.
M 6	2 7	10 5	4 0	12 58	2 41	20 49	5 5	10 43	1 8	18 10	1 38	24 15	0 59	22 58	0 10	21 48	0 35	19 22	16 40	22 0	22 15	20 46			n.a.
T 7	2 30	14 2	3 15	13 24	2 42	20 57	5 6	10 26	1 8	18 10	1 38	24 15	0 59	22 58	0 10	21 48	0 35	19 21	16 40	21 59	22 14	20 47			n.a.
W 8	2 53	17 22	2 22	13 48	2 43	21 5	5 7	10 9	1 8	18 11	1 38	24 15	0 59	22 58	0 10	21 48	0 35	19 21	16 40	21 58	22 14	20 47			n.a.
T 9	3 16	19 55	1 23	14 9	2 42	21 11	5 7	9 52	1 8	18 12	1 37	24 15	0 59	22 58	0 10	21 47	0 35	19 21	16 40	21 58	22 13	20 48			n.a.
F 10	3 39	21 37	0 21	14 28	2 41	21 17	5 7	9 35	1 8	18 12	1 37	24 14	0 59	22 58	0 10	21 47	0 35	19 20	16 40	21 57	22 13	20 49			n.a.
S 11	4 2	22 20	0n43	14 44	2 38	21 22	5 7	9 18	1 8	18 12	1 37	24 14	0 59	22 58	0 10	21 47	0 35	19 20	16 40	21 57	22 12	20 50			n.a.
S 12	4 25	22 4	1 44	14 58	2 35	21 26	5 6	9 1	1 7	18 13	1 37	24 14	0 59	22 58	0 10	21 47	0 35	19 19	16 40	21 57	22 12	20 50			n.a.
M13	4 48	20 46	2 43	15 9	2 30	21 29	5 5	8 43	1 7	18 13	1 36	24 14	0 59	22 57	0 10	21 47	0 35	19 19	16 40	21 58	22 11	20 51			n.a.
T 14	5 11	18 30	3 34	15 17	2 25	21 31	5 4	8 26	1 7	18 13	1 36	24 14	0 59	22 57	0 10	21 47	0 35	19 18	16 41	21 58	22 11	20 52			n.a.
W15	5 33	15 18	4 17	15 23	2 19	21 31	5 2	8 9	1 7	18 13	1 36	24 13	0 59	22 57	0 10	21 47	0 35	19 18	16 41	21 57	22 10	20 53			n.a.
T 16	5 56	11 17	4 49	15 26	2 11	21 31	5 0	7 51	1 7	18 13	1 36	24 13	0 59	22 57	0 11	21 46	0 36	19 18	16 41	21 56	22 10	20 53			n.a.
F 17	6 19	6 36	5 5	15 26	2 3	21 30	4 57	7 34	1 6	18 14	1 36	24 13	0 59	22 57	0 11	21 46	0 36	19 17	16 41	21 55	22 9	20 54			n.a.
S 18	6 41	1 25	5 5	15 24	1 54	21 27	4 54	7 16	1 6	18 14	1 35	24 13	0 59	22 57	0 11	21 46	0 36	19 17	16 41	21 54	22 9	20 55			n.a.
S 19	7 3	3n58	4 46	15 20	1 43	21 24	4 50	6 58	1 6	18 14	1 35	24 12	0 59	22 57	0 11	21 46	0 36	19 16	16 41	21 53	22 8	20 55			n.a.
M20	7 25	9 17	4 8	15 13	1 32	21 19	4 46	6 41	1 6	18 13	1 35	24 12	0 59	22 57	0 11	21 46	0 36	19 16	16 41	21 52	22 8	20 56			n.a.
T 21	7 48	14 7	3 12	15 3	1 20	21 13	4 42	6 23	1 5	18 13	1 35	24 12	0 59	22 57	0 11	21 46	0 36	19 16	16 41	21 51	22 7	20 57			n.a.
W22	8 10	18 6	2 4	14 51	1 7	21 6	4 37	6 6	1 5	18 13	1 34	24 12	0 59	22 57	0 11	21 46	0 36	19 15	16 42	21 50	22 7	20 57			n.a.
T 23	8 31	20 52	0 46	14 37	0 53	20 58	4 31	5 48	1 5	18 13	1 34	24 11	0 59	22 56	0 11	21 46	0 36	19 15	16 42	21 50	22 6	20 58			n.a.
F 24	8 53	22 11	0s33	14 20	0 39	20 48	4 25	5 30	1 5	18 12	1 34	24 11	0 59	22 56	0 11	21 46	0 36	19 15	16 42	21 50	22 6	20 59			n.a.
S 25	9 15	21 59	1 49	14 2	0 23	20 37	4 19	5 12	1 4	18 12	1 34	24 11	0 59	22 56	0 11	21 46	0 36	19 14	16 42	21 50	22 5	21 0			n.a.
S 26	9 36	20 22	2 57	13 42	0 7	20 25	4 12	4 55	1 4	18 12	1 33	24 10	0 59	22 56	0 11	21 46	0 36	19 14	16 42	21 50	22 5	21 0			n.a.
M27	9 57	17 34	3 53	13 19	0s 9	20 11	4 4	4 37	1 4	18 11	1 33	24 10	0 59	22 56	0 11	21 45	0 36	19 14	16 42	21 50	22 4	21 1			n.a.
T 28	10 19	13 53	4 35	12 56	0 26	19 57	3 55	4 19	1 4	18 11	1 33	24 10	0 59	22 56	0 11	21 45	0 36	19 13	16 43	21 50	22 4	21 1			n.a.
W29	10 40	9 36	5 0	12 31	0 43	19 41	3 47	4 2	1 3	18 10	1 33	24 9	0 59	22 56	0 11	21 45	0 36	19 13	16 43	21 50	22 3	21 2			n.a.
T 30	11n 0	4n57	5s10	12n 5	1s 0	19n24	3n37	3s44	1s 3	18n 9	1n32	24n 9	0n59	22s55	0s11	21s45	0s36	19s13	16s43	21s49	22s 3	21s 3			n.a.

Julian Day Number = 1313894.5, Delta T = 07h39m04s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'38, Lahiri = -19°21'37 Julian Calendar 1 Apr. 1116 BCE == Greg. Calendar 21 March 1116 BCE

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

MAY 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 53 42	29♈ 9'24	17♍54	3°R23	12°R24	23♓51	14♌44	13♋11	13°R 8	26♎39	20♓12	6°R49	8♐15	28♏55	n.a.	F 1
S 2	13 57 38	0♉ 6'34	0♎24	2♉51	11♉54	24°35	14°46	13°14	13♐ 6	26°39	20°13	6♐43	8°12	29° 2	n.a.	S 2
S 3	14 1 35	1° 3'44	12°43	2°17	11°23	25°18	14°48	13°18	13° 5	26°39	20°15	6°36	8° 9	29° 8	n.a.	S 3
M 4	14 5 31	2° 0'53	24°52	1°43	10°49	26° 1	14°50	13°22	13° 3	26°39	20°16	6°31	8° 6	29°15	n.a.	M 4
T 5	14 9 28	2°58'01	6♏53	1°10	10°15	26°45	14°52	13°26	13° 1	26°40	20°17	6°26	8° 2	29°22	n.a.	T 5
W 6	14 13 24	3°55'09	18°47	0°37	9°39	27°28	14°54	13°30	13° 0	26°40	20°18	6°23	7°59	29°28	n.a.	W 6
T 7	14 17 21	4°52'16	0♐36	0° 6	9° 3	28°11	14°57	13°34	12°58	26°40	20°19	6°D22	7°56	29°35	n.a.	T 7
F 8	14 21 17	5°49'23	12°23	29♈36	8°26	28°54	15° 0	13°38	12°56	26°40	20°20	6°22	7°53	29°41	n.a.	F 8
S 9	14 25 14	6°46'30	24°11	29° 9	7°48	29°37	15° 3	13°43	12°54	26°40	20°21	6°23	7°50	29°48	n.a.	S 9
S 10	14 29 11	7°43'36	6♎ 5	28°44	7°11	0♈20	15° 6	13°47	12°53	26°R40	20°22	6°25	7°47	29°55	n.a.	S 10
M11	14 33 7	8°40'42	18° 7	28°23	6°33	1° 3	15° 9	13°51	12°51	26°40	20°23	6°26	7°43	0♐ 1	n.a.	M11
T 12	14 37 4	9°37'48	0♒23	28° 5	5°56	1°46	15°13	13°56	12°49	26°40	20°24	6°28	7°40	0° 8	n.a.	T 12
W13	14 41 0	10°34'54	12°57	27°51	5°19	2°28	15°16	14° 1	12°47	26°40	20°25	6°R28	7°37	0°15	n.a.	W13
T 14	14 44 57	11°31'59	25°53	27°42	4°43	3°11	15°20	14° 5	12°45	26°40	20°26	6°27	7°34	0°21	n.a.	T 14
F 15	14 48 53	12°29'05	9♓15	27°36	4° 8	3°54	15°24	14°10	12°43	26°40	20°27	6°25	7°31	0°28	n.a.	F 15
S 16	14 52 50	13°26'10	23° 5	27°D35	3°34	4°36	15°28	14°15	12°41	26°39	20°28	6°23	7°28	0°35	n.a.	S 16
S 17	14 56 47	14°23'16	7♈21	27°39	3° 2	5°19	15°32	14°20	12°39	26°39	20°28	6°20	7°24	0°41	n.a.	S 17
M18	15 0 43	15°20'22	22° 1	27°48	2°31	6° 1	15°37	14°25	12°37	26°39	20°29	6°17	7°21	0°48	n.a.	M18
T 19	15 4 40	16°17'27	7♉ 0	28° 1	2° 2	6°44	15°41	14°30	12°35	26°39	20°30	6°15	7°18	0°55	n.a.	T 19
W20	15 8 36	17°14'33	22° 7	28°19	1°35	7°26	15°46	14°35	12°33	26°38	20°31	6°13	7°15	1° 1	n.a.	W20
T 21	15 12 33	18°11'38	7♊16	28°42	1°10	8° 8	15°51	14°40	12°31	26°38	20°32	6°D13	7°12	1° 8	n.a.	T 21
F 22	15 16 29	19° 8'44	22°15	29°10	0°47	8°50	15°56	14°45	12°29	26°38	20°33	6°14	7° 8	1°15	n.a.	F 22
S 23	15 20 26	20° 5'49	6♋59	29°42	0°26	9°32	16° 1	14°51	12°27	26°37	20°34	6°15	7° 5	1°21	n.a.	S 23
S 24	15 24 22	21° 2'54	21°21	0♉19	0° 8	10°14	16° 7	14°56	12°25	26°37	20°34	6°16	7° 2	1°28	n.a.	S 24
M25	15 28 19	21°59'59	5♌20	1° 1	29♈51	10°56	16°12	15° 1	12°22	26°36	20°35	6°17	6°59	1°34	n.a.	M25
T 26	15 32 16	22°57'03	18°54	1°47	29°38	11°38	16°18	15° 7	12°20	26°36	20°36	6°R17	6°56	1°41	n.a.	T 26
W27	15 36 12	23°54'08	2♍ 5	2°38	29°26	12°20	16°24	15°13	12°18	26°35	20°37	6°17	6°53	1°48	n.a.	W27
T 28	15 40 9	24°51'12	14°56	3°33	29°17	13° 2	16°30	15°18	12°16	26°35	20°37	6°16	6°49	1°54	n.a.	T 28
F 29	15 44 5	25°48'16	27°29	4°32	29°10	13°43	16°36	15°24	12°13	26°34	20°38	6°15	6°46	2° 1	n.a.	F 29
S 30	15 48 2	26°45'20	9♎48	5°36	29° 5	14°25	16°42	15°30	12°11	26°34	20°39	6°14	6°43	2° 8	n.a.	S 30
S 31	15 51 58	27♉42'24	21♎55	6♉44	29°D 3	15♈ 7	16♌48	15♋35	12♐ 9	26♎33	20♓39	6♐13	6♐40	2♐14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n21	0n11	5s 5	11n39	1s17	19n 5	3n27	3s26	1s 3	18n 9	1n32	24n 9	0n59	22s55	0s11	21s45	0s36	19s12	16s43	21s48	22s 2	21s 3		n.a.
S 2	11 42	4s30	4 45	11 12	1 33	18 46	3 17	3 8	1 2	18 8	1 32	24 8	0 59	22 55	0 11	21 45	0 36	19 12	16 43	21 47	22 2	21 4		n.a.
S 3	12 2	8 57	4 12	10 45	1 50	18 25	3 6	2 50	1 2	18 7	1 32	24 8	0 59	22 55	0 11	21 45	0 36	19 12	16 44	21 46	22 1	21 5		n.a.
M 4	12 22	12 59	3 27	10 18	2 5	18 4	2 54	2 33	1 2	18 6	1 31	24 7	0 59	22 55	0 11	21 45	0 36	19 12	16 44	21 45	22 1	21 5		n.a.
T 5	12 42	16 27	2 34	9 52	2 21	17 41	2 42	2 15	1 1	18 5	1 31	24 7	0 59	22 54	0 11	21 45	0 36	19 11	16 44	21 44	22 0	21 6		n.a.
W 6	13 2	19 12	1 35	9 27	2 35	17 18	2 30	1 57	1 1	18 4	1 31	24 7	0 59	22 54	0 11	21 45	0 36	19 11	16 44	21 44	22 0	21 7		n.a.
T 7	13 21	21 7	0 32	9 4	2 48	16 54	2 17	1 39	1 1	18 3	1 31	24 6	0 59	22 54	0 11	21 45	0 36	19 11	16 45	21 43	21 59	21 7		n.a.
F 8	13 41	22 6	0n33	8 42	3 1	16 30	2 4	1 22	1 0	18 2	1 30	24 6	0 59	22 54	0 11	21 45	0 36	19 11	16 45	21 43	21 59	21 8		n.a.
S 9	14 0	22 6	1 36	8 21	3 12	16 5	1 51	1 4	1 0	18 1	1 30	24 5	0 59	22 54	0 11	21 45	0 36	19 11	16 45	21 43	21 58	21 8		n.a.
S 10	14 19	21 5	2 36	8 3	3 22	15 39	1 37	0 46	0 59	18 0	1 30	24 5	0 59	22 53	0 11	21 45	0 36	19 10	16 45	21 44	21 58	21 9		n.a.
M11	14 37	19 7	3 30	7 47	3 31	15 14	1 23	0 29	0 59	17 59	1 30	24 4	0 59	22 53	0 11	21 45	0 36	19 10	16 45	21 44	21 57	21 9		n.a.
T 12	14 56	16 15	4 15	7 34	3 39	14 48	1 9	0 11	0 59	17 57	1 30	24 4	0 59	22 53	0 11	21 45	0 36	19 10	16 46	21 44	21 57	21 10		n.a.
W13	15 14	12 35	4 49	7 23	3 45	14 22	0 55	0n 7	0 58	17 56	1 29	24 3	0 59	22 53	0 11	21 45	0 36	19 10	16 46	21 44	21 56	21 11		n.a.
T 14	15 32	8 15	5 10	7 15	3 50	13 57	0 41	0 24	0 58	17 55	1 29	24 3	0 59	22 53	0 11	21 46	0 36	19 10	16 46	21 44	21 56	21 11		n.a.
F 15	15 50	3 23	5 15	7 9	3 54	13 32	0 27	0 42	0 58	17 53	1 29	24 2	0 59	22 52	0 11	21 46	0 36	19 10	16 46	21 44	21 55	21 12		n.a.
S 16	16 8	1n49	5 2	7 7	3 57	13 7	0 14	0 59	0 57	17 52	1 29	24 2	0 59	22 52	0 11	21 46	0 36	19 9	16 47	21 43	21 54	21 12		n.a.
S 17	16 25	7 5	4 30	7 7	3 58	12 43	0s 0	1 17	0 57	17 50	1 28	24 1	0 59	22 52	0 11	21 46	0 37	19 9	16 47	21 43	21 54	21 13		n.a.
M18	16 42	12 7	3 40	7 10	3 58	12 20	0 14	1 34	0 56	17 49	1 28	24 1	0 59	22 52	0 11	21 46	0 37	19 9	16 47	21 42	21 53	21 13		n.a.
T 19	16 59	16 30	2 35	7 15	3 57	11 57	0 27	1 52	0 56	17 47	1 28	24 0	0 59	22 51	0 11	21 46	0 37	19 9	16 48	21 42	21 53	21 14		n.a.
W20	17 15	19 50	1 17	7 24	3 55	11 36	0 40	2 9	0 55	17 46	1 28	23 59	0 59	22 51	0 11	21 46	0 37	19 9	16 48	21 42	21 52	21 15		n.a.
T 21	17 31	21 47	0s 6	7 35	3 52	11 15	0 52	2 26	0 55	17 44	1 27	23 59	0 59	22 51	0 11	21 46	0 37	19 9	16 48	21 42	21 52	21 15		n.a.
F 22	17 47	22 8	1 28	7 48	3 48	10 55	1 5	2 43	0 55	17 42	1 27	23 58	0 59	22 50	0 11	21 46	0 37	19 9	16 48	21 42	21 51	21 16		n.a.
S 23	18 3	20 56	2 42	8 4	3 43	10 37	1 17	3 1	0 54	17 40	1 27	23 58	0 59	22 50	0 11	21 46	0 37	19 9	16 49	21 42	21 51	21 16		n.a.
S 24	18 19	18 24	3 45	8 23	3 37	10 19	1 28	3 18	0 54	17 38	1 27	23 57	0 59	22 50	0 11	21 46	0 37	19 9	16 49	21 42	21 50	21 17		n.a.
M25	18 34	14 51	4 32	8 44	3 31	10 3	1 40	3 35	0 53	17 37	1 27	23 56	0 59	22 50	0 11	21 46	0 37	19 9	16 49	21 42	21 50	21 17		n.a.
T 26	18 49	10 37	5 3	9 7	3 23	9 48	1 50	3 52	0 53	17 35	1 26	23 56	0 59	22 49	0 11	21 47	0 37	19 9	16 50	21 42	21 49	21 18		n.a.
W27	19 3	5 59	5 16	9 32	3 15	9 34	2 1	4 9	0 52	17 33	1 26	23 55	0 59	22 49	0 11	21 47	0 37	19 9	16 50	21 42	21 49	21 18		n.a.
T 28	19 17	1 13	5 13	9 59	3 6	9 22	2 10	4 26	0 52	17 31	1 26	23 55	0 59	22 49	0 11	21 47	0 37	19 9	16 50	21 42	21 48	21 19		n.a.
F 29	19 31	3s30	4 56	10 28	2 57	9 11	2 20	4 43	0 51	17 29	1 26	23 54	0 59	22 48	0 11	21 47	0 37	19 9	16 50	21 42	21 47	21 19		n.a.
S 30	19 45	7 59	4 24	10 59	2 47	9 1	2 29	5 0	0 51	17 26	1 25	23 53	0 59	22 48	0 11	21 47	0 37	19 9	16 51	21 42	21 47	21 20		n.a.
S 31	19n58	12s 5	3s42	11n31	2s36	8n52	2s37	5n16	0s50	17n24	1n25	23n53	0n59	22s48	0s11	21s47	0s37	19s 9	16s51	21s42	21s46	21s20		n.a.

Julian Day Number = 1313924.5, Delta T = 07h39m03s
Ecliptic obliquity = 23°49'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'34, Lahiri = -19°21'33 Julian Calendar 1 May 1116 BCE == Greg. Calendar 20 Apr. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

JUNE 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 55 55	28♉39'28	3♏53	7♉57	29♈ 4	15♈48	16♌55	15♋41	12°R 6	26°R32	20♓40	6°R12	6♐37	2♐21	n.a.	M 1
T 2	15 59 51	29°36'32	15°46	9°13	29° 6	16°29	17° 1	15°47	12♐ 4	26♑32	20°40	6♐11	6°33	2°28	n.a.	T 2
W 3	16 3 48	0♊33'37	27°35	10°34	29°11	17°11	17° 8	15°53	12° 2	26°31	20°41	6°11	6°30	2°34	n.a.	W 3
T 4	16 7 45	1°30'42	9♐22	11°59	29°18	17°52	17°15	15°59	11°59	26°30	20°42	6°D11	6°27	2°41	n.a.	T 4
F 5	16 11 41	2°27'48	21°11	13°28	29°27	18°33	17°22	16° 5	11°57	26°29	20°42	6°11	6°24	2°48	n.a.	F 5
S 6	16 15 38	3°24'54	3♑ 3	15° 0	29°38	19°14	17°29	16°12	11°55	26°29	20°43	6°11	6°21	2°54	n.a.	S 6
S 7	16 19 34	4°22'01	15° 2	16°37	29°52	19°55	17°36	16°18	11°52	26°28	20°43	6°11	6°18	3° 1	n.a.	S 7
M 8	16 23 31	5°19'09	27° 9	18°17	0♉ 7	20°36	17°44	16°24	11°50	26°27	20°44	6°11	6°14	3° 8	n.a.	M 8
T 9	16 27 27	6°16'17	9♒29	20° 0	0°24	21°17	17°51	16°30	11°48	26°26	20°44	6°R11	6°11	3°14	n.a.	T 9
W10	16 31 24	7°13'26	22° 5	21°47	0°43	21°58	17°59	16°37	11°45	26°25	20°45	6°11	6° 8	3°21	n.a.	W10
T 11	16 35 21	8°10'36	4♓59	23°37	1° 4	22°39	18° 7	16°43	11°43	26°24	20°45	6°D11	6° 5	3°27	n.a.	T 11
F 12	16 39 17	9° 7'47	18°16	25°30	1°27	23°20	18°15	16°50	11°40	26°23	20°46	6°11	6° 2	3°34	n.a.	F 12
S 13	16 43 14	10° 4'59	1♈58	27°25	1°51	24° 0	18°23	16°56	11°38	26°22	20°46	6°12	5°59	3°41	n.a.	S 13
S 14	16 47 10	11° 2'12	16° 4	29°24	2°17	24°41	18°31	17° 3	11°36	26°21	20°46	6°12	5°55	3°47	n.a.	S 14
M15	16 51 7	11°59'26	0♉34	1♊24	2°45	25°21	18°39	17° 9	11°33	26°20	20°47	6°12	5°52	3°54	n.a.	M15
T 16	16 55 3	12°56'41	15°25	3°26	3°14	26° 2	18°48	17°16	11°31	26°19	20°47	6°13	5°49	4° 1	n.a.	T 16
W17	16 59 0	13°53'57	0♊29	5°29	3°44	26°42	18°56	17°23	11°28	26°18	20°47	6°R13	5°46	4° 7	n.a.	W17
T 18	17 2 56	14°51'14	15°39	7°34	4°16	27°22	19° 5	17°29	11°26	26°17	20°48	6°13	5°43	4°14	n.a.	T 18
F 19	17 6 53	15°48'31	0♋45	9°39	4°50	28° 3	19°13	17°36	11°23	26°16	20°48	6°13	5°39	4°21	n.a.	F 19
S 20	17 10 50	16°45'50	15°38	11°46	5°24	28°43	19°22	17°43	11°21	26°15	20°48	6°12	5°36	4°27	n.a.	S 20
S 21	17 14 46	17°43'10	0♌12	13°52	6° 0	29°23	19°31	17°50	11°19	26°13	20°48	6°10	5°33	4°34	n.a.	S 21
M22	17 18 43	18°40'30	14°21	15°58	6°37	0♉ 3	19°40	17°57	11°16	26°12	20°49	6° 9	5°30	4°41	n.a.	M22
T 23	17 22 39	19°37'51	28° 3	18° 4	7°15	0°42	19°49	18° 3	11°14	26°11	20°49	6° 8	5°27	4°47	n.a.	T 23
W24	17 26 36	20°35'12	11♍18	20° 9	7°54	1°22	19°59	18°10	11°12	26°10	20°49	6° 7	5°24	4°54	n.a.	W24
T 25	17 30 32	21°32'35	24° 9	22°14	8°35	2° 2	20° 8	18°17	11° 9	26° 8	20°49	6°D 7	5°20	5° 0	n.a.	T 25
F 26	17 34 29	22°29'58	6♎39	24°18	9°16	2°42	20°17	18°24	11° 7	26° 7	20°49	6° 7	5°17	5° 7	n.a.	F 26
S 27	17 38 26	23°27'22	18°53	26°21	9°58	3°21	20°27	18°31	11° 4	26° 6	20°49	6° 8	5°14	5°14	n.a.	S 27
S 28	17 42 22	24°24'47	0♏54	28°23	10°42	4° 1	20°37	18°38	11° 2	26° 4	20°49	6°10	5°11	5°20	n.a.	S 28
M29	17 46 19	25°22'13	12°46	0♋23	11°26	4°40	20°46	18°46	11° 0	26° 3	20°50	6°11	5° 8	5°27	n.a.	M29
T 30	17 50 15	26♊19'40	24♏35	2♋22	12♉11	5♉19	20♌56	18♋53	10♐58	26♑ 2	20♓50	6♐12	5♐ 5	5♐34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n11	15s40	2s50	12n 5	2s26	8n45	2s45	5n33	0s50	17n22	1n25	23n52	0n59	22s48	0s11	21s47	0s37	19s 9	16s51	21s41	21s46	21s21		n.a.
T 2	20 24	18 35	1 51	12 41	2 14	8 38	2 53	5 50	0 49	17 20	1 25	23 51	0 59	22 47	0 11	21 48	0 37	19 9	16 52	21 41	21 45	21 21		n.a.
W 3	20 36	20 43	0 48	13 18	2 3	8 33	3 0	6 6	0 49	17 18	1 25	23 50	0 59	22 47	0 11	21 48	0 37	19 9	16 52	21 41	21 45	21 22		n.a.
T 4	20 48	21 55	0n18	13 55	1 51	8 29	3 7	6 23	0 48	17 15	1 24	23 50	0 59	22 47	0 11	21 48	0 37	19 9	16 52	21 41	21 44	21 22		n.a.
F 5	20 59	22 9	1 22	14 34	1 38	8 27	3 13	6 39	0 48	17 13	1 24	23 49	0 59	22 46	0 11	21 48	0 37	19 9	16 53	21 41	21 44	21 22		n.a.
S 6	21 11	21 23	2 24	15 14	1 26	8 25	3 19	6 55	0 47	17 10	1 24	23 48	0 59	22 46	0 11	21 48	0 37	19 9	16 53	21 41	21 43	21 23		n.a.
S 7	21 22	19 39	3 20	15 54	1 14	8 25	3 25	7 12	0 47	17 8	1 24	23 48	0 59	22 46	0 11	21 49	0 37	19 9	16 53	21 41	21 42	21 23		n.a.
M 8	21 32	17 2	4 7	16 34	1 1	8 25	3 30	7 28	0 46	17 5	1 24	23 47	0 59	22 45	0 11	21 49	0 37	19 9	16 54	21 41	21 42	21 24		n.a.
T 9	21 42	13 36	4 44	17 15	0 49	8 27	3 35	7 44	0 46	17 3	1 23	23 46	0 59	22 45	0 11	21 49	0 37	19 9	16 54	21 41	21 41	21 24		n.a.
W10	21 52	9 31	5 8	17 55	0 36	8 29	3 39	8 0	0 45	17 0	1 23	23 45	0 59	22 45	0 11	21 49	0 37	19 9	16 54	21 41	21 41	21 25		n.a.
T 11	22 2	4 55	5 18	18 36	0 24	8 33	3 43	8 16	0 45	16 58	1 23	23 44	0 59	22 44	0 11	21 49	0 37	19 9	16 55	21 41	21 40	21 25		n.a.
F 12	22 11	0n 3	5 11	19 15	0 12	8 37	3 47	8 32	0 44	16 55	1 23	23 44	0 59	22 44	0 11	21 50	0 37	19 10	16 55	21 41	21 40	21 25		n.a.
S 13	22 19	5 9	4 46	19 54	0 0	8 42	3 51	8 47	0 43	16 52	1 23	23 43	0 59	22 44	0 11	21 50	0 37	19 10	16 55	21 41	21 39	21 26		n.a.
S 14	22 28	10 10	4 4	20 32	0n11	8 49	3 54	9 3	0 43	16 50	1 22	23 42	0 59	22 44	0 11	21 50	0 37	19 10	16 55	21 42	21 39	21 26		n.a.
M15	22 36	14 45	3 6	21 8	0 22	8 55	3 57	9 18	0 42	16 47	1 22	23 41	0 59	22 43	0 11	21 50	0 37	19 10	16 56	21 42	21 38	21 27		n.a.
T 16	22 43	18 31	1 53	21 43	0 33	9 3	3 59	9 34	0 42	16 44	1 22	23 40	0 59	22 43	0 11	21 50	0 37	19 10	16 56	21 42	21 37	21 27		n.a.
W17	22 50	21 6	0 32	22 16	0 43	9 11	4 1	9 49	0 41	16 41	1 22	23 39	0 59	22 43	0 11	21 51	0 37	19 10	16 56	21 42	21 37	21 27		n.a.
T 18	22 57	22 11	0s52	22 47	0 52	9 20	4 3	10 5	0 40	16 38	1 22	23 39	0 59	22 42	0 11	21 51	0 37	19 11	16 57	21 42	21 36	21 28		n.a.
F 19	23 3	21 37	2 12	23 15	1 1	9 30	4 5	10 20	0 40	16 35	1 22	23 38	0 59	22 42	0 11	21 51	0 38	19 11	16 57	21 42	21 36	21 28		n.a.
S 20	23 9	19 33	3 22	23 42	1 9	9 40	4 6	10 35	0 39	16 32	1 21	23 37	0 59	22 42	0 11	21 51	0 38	19 11	16 58	21 41	21 35	21 29		n.a.
S 21	23 15	16 15	4 17	24 5	1 16	9 51	4 7	10 50	0 39	16 29	1 21	23 36	0 59	22 41	0 11	21 52	0 38	19 11	16 58	21 41	21 35	21 29		n.a.
M22	23 20	12 6	4 54	24 26	1 23	10 2	4 8	11 5	0 38	16 26	1 21	23 35	0 59	22 41	0 11	21 52	0 38	19 11	16 58	21 41	21 34	21 29		n.a.
T 23	23 25	7 26	5 14	24 45	1 28	10 14	4 9	11 19	0 37	16 23	1 21	23 34	1 0	22 41	0 11	21 52	0 38	19 12	16 59	21 41	21 33	21 30		n.a.
W24	23 29	2 35	5 16	25 0	1 33	10 27	4 9	11 34	0 37	16 20	1 21	23 33	1 0	22 40	0 11	21 52	0 38	19 12	16 59	21 41	21 33	21 30		n.a.
T 25	23 33	2s15	5 1	25 13	1 38	10 39	4 10	11 48	0 36	16 17	1 21	23 32	1 0	22 40	0 11	21 53	0 38	19 12	16 59	21 41	21 32	21 30		n.a.
F 26	23 37	6 51	4 33	25 23	1 41	10 52	4 10	12 3	0 36	16 13	1 20	23 31	1 0	22 40	0 11	21 53	0 38	19 12	17 0	21 41	21 32	21 31		n.a.
S 27	23 40	11 5	3 53	25 31	1 44	11 6	4 9	12 17	0 35	16 10	1 20	23 30	1 0	22 39	0 11	21 53	0 38	19 13	17 0	21 41	21 31	21 31		n.a.
S 28	23 42	14 49	3 3	25 36	1 47	11 20	4 9	12 31	0 34	16 7	1 20	23 29	1 0	22 39	0 11	21 54	0 38	19 13	17 0	21 41	21 31	21 31		n.a.
M29	23 45	17 55	2 6	25 38	1 48	11 34	4 8	12 45	0 34	16 4	1 20	23 28	1 0	22 39	0 11	21 54	0 38	19 13	17 1	21 41	21 30	21 32		n.a.
T 30	23n46	20s15	1s 4	25n37	1n49	11n49	4s 8	12n59	0s33	16n 0	1n20	23n28	1n 0	22s38	0s11	21s54	0s38	19s13	17s 1	21s42	21s29	21s32		n.a.

Julian Day Number = 1313955.5, Delta T = 07h39m01s
Ecliptic obliquity = 23°49'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'30, Lahiri = -19°21'29 Julian Calendar 1 June 1116 BCE == Greg. Calendar 21 May 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

JULY 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 54 12	27♊17'08	6♐22	4♋20	12♉57	5♉59	21♌ 6	19♋ 0	10°R55	26°R 0	20♓50	6°R13	5♐ 1	5♐40	n.a.	W 1
T 2	17 58 8	28°14'38	18°11	6°16	13°44	6°38	21°16	19° 7	10♐53	25♑59	20°R50	6♐12	4°58	5°47	n.a.	T 2
F 3	18 2 5	29°12'09	0♑ 5	8°11	14°32	7°17	21°26	19°14	10°51	25°58	20°50	6°11	4°55	5°54	n.a.	F 3
S 4	18 6 1	0♋ 9'41	12° 6	10° 4	15°20	7°56	21°36	19°22	10°49	25°56	20°50	6° 8	4°52	6° 0	n.a.	S 4
S 5	18 9 58	1° 7'14	24°14	11°56	16° 9	8°35	21°47	19°29	10°46	25°55	20°49	6° 4	4°49	6° 7	n.a.	S 5
M 6	18 13 55	2° 4'49	6♒33	13°47	16°59	9°14	21°57	19°36	10°44	25°53	20°49	6° 0	4°45	6°14	n.a.	M 6
T 7	18 17 51	3° 2'26	19° 4	15°36	17°50	9°52	22° 8	19°43	10°42	25°52	20°49	5°56	4°42	6°20	n.a.	T 7
W 8	18 21 48	4° 0'04	1♓48	17°23	18°41	10°31	22°18	19°51	10°40	25°50	20°49	5°52	4°39	6°27	n.a.	W 8
T 9	18 25 44	4°57'44	14°47	19°10	19°33	11°10	22°29	19°58	10°38	25°49	20°49	5°50	4°36	6°34	n.a.	T 9
F 10	18 29 41	5°55'25	28° 3	20°54	20°26	11°48	22°39	20° 5	10°36	25°47	20°49	5°48	4°33	6°40	n.a.	F 10
S 11	18 33 37	6°53'08	11♈39	22°37	21°19	12°27	22°50	20°13	10°33	25°46	20°49	5°D48	4°30	6°47	n.a.	S 11
S 12	18 37 34	7°50'54	25°34	24°19	22°13	13° 5	23° 1	20°20	10°31	25°44	20°48	5°49	4°26	6°53	n.a.	S 12
M13	18 41 30	8°48'41	9♉49	26° 0	23° 7	13°43	23°12	20°28	10°29	25°43	20°48	5°50	4°23	7° 0	n.a.	M13
T 14	18 45 27	9°46'30	24°22	27°38	24° 2	14°21	23°23	20°35	10°27	25°41	20°48	5°51	4°20	7° 7	n.a.	T 14
W15	18 49 24	10°44'21	9♊10	29°16	24°58	14°59	23°34	20°42	10°25	25°39	20°48	5°R52	4°17	7°13	n.a.	W15
T 16	18 53 20	11°42'14	24° 6	0♌52	25°53	15°37	23°45	20°50	10°23	25°38	20°47	5°51	4°14	7°20	n.a.	T 16
F 17	18 57 17	12°40'08	9♋ 4	2°27	26°50	16°15	23°56	20°57	10°22	25°36	20°47	5°48	4°11	7°27	n.a.	F 17
S 18	19 1 13	13°38'05	23°54	4° 0	27°47	16°53	24° 8	21° 5	10°20	25°35	20°47	5°43	4° 7	7°33	n.a.	S 18
S 19	19 5 10	14°36'03	8♌29	5°33	28°44	17°31	24°19	21°12	10°18	25°33	20°46	5°38	4° 4	7°40	n.a.	S 19
M20	19 9 6	15°34'02	22°43	7° 3	29°42	18° 8	24°30	21°20	10°16	25°31	20°46	5°31	4° 1	7°47	n.a.	M20
T 21	19 13 3	16°32'03	6♍30	8°32	0♊40	18°46	24°42	21°27	10°14	25°30	20°46	5°26	3°58	7°53	n.a.	T 21
W22	19 16 59	17°30'05	19°50	10° 0	1°39	19°23	24°54	21°35	10°12	25°28	20°45	5°21	3°55	8° 0	n.a.	W22
T 23	19 20 56	18°28'09	2♎44	11°27	2°38	20° 1	25° 5	21°42	10°11	25°26	20°45	5°18	3°51	8° 7	n.a.	T 23
F 24	19 24 53	19°26'15	15°15	12°52	3°38	20°38	25°17	21°50	10° 9	25°25	20°44	5°D17	3°48	8°13	n.a.	F 24
S 25	19 28 49	20°24'22	27°28	14°15	4°37	21°15	25°29	21°57	10° 7	25°23	20°44	5°17	3°45	8°20	n.a.	S 25
S 26	19 32 46	21°22'31	9♏27	15°37	5°38	21°52	25°40	22° 5	10° 6	25°22	20°43	5°18	3°42	8°27	n.a.	S 26
M27	19 36 42	22°20'41	21°18	16°58	6°38	22°29	25°52	22°12	10° 4	25°20	20°43	5°19	3°39	8°33	n.a.	M27
T 28	19 40 39	23°18'54	3♐ 5	18°17	7°39	23° 6	26° 4	22°20	10° 3	25°18	20°42	5°R20	3°36	8°40	n.a.	T 28
W29	19 44 35	24°17'08	14°54	19°34	8°41	23°43	26°16	22°28	10° 1	25°17	20°42	5°20	3°32	8°46	n.a.	W29
T 30	19 48 32	25°15'23	26°47	20°50	9°42	24°19	26°28	22°35	10° 0	25°15	20°41	5°17	3°29	8°53	n.a.	T 30
F 31	19 52 28	26♋13'41	8♑48	22♌ 4	10♊44	24♉56	26♌40	22♋43	9♐58	25♑13	20♓41	5♐13	3♐26	9♐ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n48	21s42	0n 1	25n35	1n49	12n 4	4s 7	13n13	0s32	15n57	1n20	23n27	1n 0	22s38	0s11	21s54	0s38	19s14	17s 1	21s42	21s29	21s32			n.a.
T 2	23 49	22 12	1 6	25 29	1 49	12 19	4 6	13 27	0 32	15 54	1 19	23 26	1 0	22 38	0 11	21 55	0 38	19 14	17 2	21 42	21 28	21 33			n.a.
F 3	23 49	21 42	2 8	25 22	1 48	12 34	4 4	13 41	0 31	15 50	1 19	23 25	1 0	22 37	0 11	21 55	0 38	19 14	17 2	21 41	21 28	21 33			n.a.
S 4	23 50	20 12	3 5	25 13	1 47	12 50	4 3	13 54	0 30	15 47	1 19	23 24	1 0	22 37	0 11	21 55	0 38	19 15	17 2	21 41	21 27	21 33			n.a.
S 5	23 49	17 46	3 54	25 1	1 45	13 5	4 1	14 8	0 30	15 43	1 19	23 23	1 0	22 37	0 11	21 56	0 38	19 15	17 3	21 40	21 26	21 34			n.a.
M 6	23 49	14 32	4 33	24 48	1 42	13 21	4 0	14 21	0 29	15 40	1 19	23 22	1 0	22 36	0 12	21 56	0 38	19 15	17 3	21 39	21 26	21 34			n.a.
T 7	23 47	10 36	5 0	24 32	1 39	13 37	3 58	14 34	0 28	15 36	1 19	23 20	1 0	22 36	0 12	21 56	0 38	19 16	17 3	21 39	21 25	21 34			n.a.
W 8	23 46	6 9	5 13	24 16	1 36	13 53	3 56	14 47	0 27	15 32	1 19	23 19	1 0	22 36	0 12	21 57	0 38	19 16	17 4	21 38	21 25	21 35			n.a.
T 9	23 44	1 20	5 10	23 57	1 32	14 10	3 54	15 0	0 27	15 29	1 18	23 18	1 0	22 35	0 12	21 57	0 38	19 16	17 4	21 38	21 24	21 35			n.a.
F 10	23 41	3n38	4 50	23 37	1 28	14 26	3 51	15 13	0 26	15 25	1 18	23 17	1 0	22 35	0 12	21 57	0 38	19 17	17 4	21 37	21 24	21 35			n.a.
S 11	23 39	8 34	4 14	23 16	1 23	14 42	3 49	15 25	0 25	15 21	1 18	23 16	1 0	22 35	0 12	21 57	0 38	19 17	17 5	21 37	21 23	21 35			n.a.
S 12	23 35	13 11	3 23	22 53	1 18	14 58	3 46	15 38	0 25	15 18	1 18	23 15	1 0	22 35	0 12	21 58	0 38	19 18	17 5	21 37	21 22	21 36			n.a.
M13	23 32	17 10	2 18	22 29	1 13	15 15	3 44	15 50	0 24	15 14	1 18	23 14	1 0	22 34	0 12	21 58	0 38	19 18	17 5	21 38	21 22	21 36			n.a.
T 14	23 28	20 11	1 3	22 4	1 7	15 31	3 41	16 2	0 23	15 10	1 18	23 13	1 1	22 34	0 12	21 58	0 38	19 18	17 6	21 38	21 21	21 36			n.a.
W15	23 23	21 53	0s18	21 38	1 1	15 47	3 38	16 14	0 22	15 6	1 18	23 12	1 1	22 34	0 12	21 59	0 38	19 19	17 6	21 38	21 21	21 36			n.a.
T 16	23 18	22 4	1 38	21 11	0 55	16 3	3 35	16 26	0 22	15 2	1 18	23 11	1 1	22 33	0 12	21 59	0 38	19 19	17 6	21 38	21 20	21 37			n.a.
F 17	23 13	20 40	2 51	20 43	0 48	16 19	3 32	16 38	0 21	14 58	1 17	23 10	1 1	22 33	0 12	21 59	0 38	19 20	17 7	21 37	21 19	21 37			n.a.
S 18	23 7	17 52	3 52	20 14	0 41	16 35	3 29	16 50	0 20	14 54	1 17	23 9	1 1	22 33	0 12	22 0	0 38	19 20	17 7	21 36	21 19	21 37			n.a.
S 19	23 1	13 59	4 37	19 44	0 34	16 51	3 26	17 1	0 19	14 50	1 17	23 7	1 1	22 33	0 12	22 0	0 38	19 20	17 7	21 35	21 18	21 37			n.a.
M20	22 54	9 24	5 3	19 14	0 27	17 7	3 23	17 13	0 19	14 46	1 17	23 6	1 1	22 32	0 12	22 0	0 38	19 21	17 7	21 34	21 18	21 38			n.a.
T 21	22 47	4 28	5 10	18 44	0 19	17 23	3 19	17 24	0 18	14 42	1 17	23 5	1 1	22 32	0 12	22 1	0 38	19 21	17 8	21 33	21 17	21 38			n.a.
W22	22 40	0s30	5 1	18 12	0 11	17 38	3 16	17 35	0 17	14 38	1 17	23 4	1 1	22 32	0 12	22 1	0 38	19 22	17 8	21 32	21 16	21 38			n.a.
T 23	22 32	5 18	4 36	17 41	0 3	17 53	3 12	17 46	0 16	14 34	1 17	23 3	1 1	22 32	0 12	22 1	0 38	19 22	17 8	21 32	21 16	21 38			n.a.
F 24	22 24	9 45	3 58	17 9	0s 5	18 8	3 9	17 57	0 15	14 30	1 17	23 2	1 1	22 31	0 12	22 2	0 38	19 23	17 9	21 32	21 15	21 38			n.a.
S 25	22 15	13 42	3 11	16 37	0 13	18 23	3 5	18 8	0 15	14 26	1 17	23 1	1 1	22 31	0 12	22 2	0 38	19 23	17 9	21 32	21 15	21 39			n.a.
S 26	22 6	17 1	2 16	16 4	0 21	18 37	3 1	18 18	0 14	14 22	1 17	22 59	1 1	22 31	0 12	22 2	0 38	19 24	17 9	21 32	21 14	21 39			n.a.
M27	21 56	19 35	1 15	15 32	0 30	18 51	2 57	18 29	0 13	14 18	1 16	22 58	1 1	22 31	0 12	22 3	0 38	19 24	17 10	21 32	21 13	21 39			n.a.
T 28	21 47	21 19	0 12	14 59	0 39	19 5	2 53	18 39	0 12	14 14	1 16	22 57	1 1	22 30	0 12	22 3	0 38	19 25	17 10	21 32	21 13	21 39			n.a.
W29	21 36	22 6	0n51	14 26	0 47	19 19	2 50	18 49	0 11	14 9	1 16	22 56	1 2	22 30	0 12	22 3	0 38	19 25	17 10	21 32	21 12	21 39			n.a.
T 30	21 26	21 54	1 53	13 54	0 56	19 32	2 46	18 59	0 11	14 5	1 16	22 55	1 2	22 30	0 12	22 3	0 38	19 26	17 10	21 32	21 11	21 40			n.a.
F 31	21n15	20s42	2n50	13n21	1s 5	19n45	2s42	19n 9	0s10	14n 1	1n16	22n54	1n 2	22s30	0s12	22s 4	0s38	19s26	17s11	21s31	21s11	21s40			n.a.

Julian Day Number = 1313985.5, Delta T = 07h39m00s
Ecliptic obliquity = 23°49'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'26, Lahiri = -19°21'25 Julian Calendar 1 July 1116 BCE == Greg. Calendar 20 June 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

AUGUST 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 25	27♋12'00	21♑ 0	23♌16	11♊47	25♉32	26♌52	22♋50	9°R57	25°R12	20°R40	5°R 6	3♐23	9♐ 6	n.a.	S 1
S 2	20 0 22	28°10'21	3♒23	24°26	12°49	26° 9	27° 4	22°58	9♐55	25♑10	20♓39	4♐57	3°20	9°13	n.a.	S 2
M 3	20 4 18	29° 8'45	15°59	25°34	13°52	26°45	27°17	23° 5	9°54	25° 8	20°39	4°47	3°17	9°20	n.a.	M 3
T 4	20 8 15	0♌ 7'10	28°47	26°40	14°55	27°21	27°29	23°13	9°53	25° 7	20°38	4°38	3°13	9°26	n.a.	T 4
W 5	20 12 11	1° 5'37	11♓48	27°44	15°59	27°57	27°41	23°20	9°52	25° 5	20°37	4°29	3°10	9°33	n.a.	W 5
T 6	20 16 8	2° 4'07	25° 1	28°46	17° 3	28°33	27°54	23°27	9°50	25° 3	20°37	4°21	3° 7	9°40	n.a.	T 6
F 7	20 20 4	3° 2'39	8♈26	29°45	18° 7	29° 9	28° 6	23°35	9°49	25° 2	20°36	4°16	3° 4	9°46	n.a.	F 7
S 8	20 24 1	4° 1'13	22° 3	0♍41	19°11	29°44	28°18	23°42	9°48	25° 0	20°35	4°14	3° 1	9°53	n.a.	S 8
S 9	20 27 57	4°59'50	5♉53	1°35	20°16	0♊20	28°31	23°50	9°47	24°59	20°35	4°D13	2°57	10° 0	n.a.	S 9
M10	20 31 54	5°58'29	19°56	2°25	21°21	0°55	28°43	23°57	9°46	24°57	20°34	4°14	2°54	10° 6	n.a.	M10
T 11	20 35 50	6°57'11	4♊12	3°12	22°26	1°31	28°56	24° 5	9°45	24°55	20°33	4°R14	2°51	10°13	n.a.	T 11
W12	20 39 47	7°55'55	18°38	3°56	23°32	2° 6	29° 9	24°12	9°44	24°54	20°32	4°13	2°48	10°20	n.a.	W12
T 13	20 43 44	8°54'41	3♋12	4°36	24°37	2°41	29°21	24°19	9°43	24°52	20°31	4°10	2°45	10°26	n.a.	T 13
F 14	20 47 40	9°53'30	17°49	5°11	25°43	3°16	29°34	24°27	9°43	24°51	20°31	4° 5	2°42	10°33	n.a.	F 14
S 15	20 51 37	10°52'21	2♌22	5°42	26°49	3°51	29°47	24°34	9°42	24°49	20°30	3°57	2°38	10°39	n.a.	S 15
S 16	20 55 33	11°51'14	16°44	6° 9	27°56	4°26	29°59	24°41	9°41	24°47	20°29	3°46	2°35	10°46	n.a.	S 16
M17	20 59 30	12°50'09	0♍50	6°30	29° 2	5° 0	0♍12	24°49	9°40	24°46	20°28	3°35	2°32	10°53	n.a.	M17
T 18	21 3 26	13°49'06	14°33	6°46	0♋ 9	5°35	0°25	24°56	9°40	24°44	20°27	3°25	2°29	10°59	n.a.	T 18
W19	21 7 23	14°48'05	27°53	6°55	1°16	6° 9	0°38	25° 3	9°39	24°43	20°26	3°15	2°26	11° 6	n.a.	W19
T 20	21 11 19	15°47'06	10♎47	6°R58	2°23	6°43	0°51	25°10	9°39	24°41	20°25	3° 8	2°22	11°13	n.a.	T 20
F 21	21 15 16	16°46'09	23°20	6°55	3°31	7°17	1° 3	25°18	9°38	24°40	20°25	3° 3	2°19	11°19	n.a.	F 21
S 22	21 19 12	17°45'15	5♏33	6°44	4°38	7°51	1°16	25°25	9°38	24°38	20°24	3° 1	2°16	11°26	n.a.	S 22
S 23	21 23 9	18°44'22	17°33	6°26	5°46	8°25	1°29	25°32	9°37	24°37	20°23	3°D 0	2°13	11°33	n.a.	S 23
M24	21 27 6	19°43'30	29°24	6° 1	6°54	8°59	1°42	25°39	9°37	24°35	20°22	3°R 0	2°10	11°39	n.a.	M24
T 25	21 31 2	20°42'41	11♐12	5°27	8° 2	9°32	1°55	25°46	9°37	24°34	20°21	3° 0	2° 7	11°46	n.a.	T 25
W26	21 34 59	21°41'54	23° 2	4°46	9°10	10° 6	2° 8	25°53	9°36	24°32	20°20	2°59	2° 3	11°53	n.a.	W26
T 27	21 38 55	22°41'09	4♑59	3°58	10°19	10°39	2°21	26° 0	9°36	24°31	20°19	2°55	2° 0	11°59	n.a.	T 27
F 28	21 42 52	23°40'26	17° 7	3° 3	11°28	11°12	2°34	26° 7	9°36	24°30	20°18	2°48	1°57	12° 6	n.a.	F 28
S 29	21 46 48	24°39'45	29°29	2° 2	12°36	11°45	2°47	26°14	9°36	24°28	20°17	2°39	1°54	12°13	n.a.	S 29
S 30	21 50 45	25°39'06	12♒ 7	0°56	13°45	12°18	3° 0	26°21	9°D36	24°27	20°16	2°28	1°51	12°19	n.a.	S 30
M31	21 54 41	26♌38'28	25♒ 2	29♌47	14♋55	12♊50	3♍13	26♋28	9♐36	24♑26	20♓15	2♐15	1♐48	12♐26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 3	18s32	3n40	12n49	1s14	19n58	2s37	19n19	0s 9	13n57	1n16	22n52	1n 2	22s30	0s12	22s 4	0s38	19s27	17s11	21s30	21s10	21s40		n.a.
S 2	20 52	15 29	4 21	12 17	1 23	20 10	2 33	19 28	0 8	13 52	1 16	22 51	1 2	22 29	0 12	22 4	0 38	19 27	17 11	21 28	21 10	21 40		n.a.
M 3	20 40	11 42	4 49	11 45	1 32	20 22	2 29	19 38	0 7	13 48	1 16	22 50	1 2	22 29	0 12	22 5	0 38	19 28	17 12	21 26	21 9	21 40		n.a.
T 4	20 27	7 21	5 4	11 14	1 42	20 33	2 25	19 47	0 6	13 44	1 16	22 49	1 2	22 29	0 12	22 5	0 38	19 28	17 12	21 24	21 8	21 40		n.a.
W 5	20 14	2 35	5 3	10 43	1 51	20 45	2 21	19 56	0 5	13 39	1 16	22 48	1 2	22 29	0 12	22 5	0 38	19 29	17 12	21 23	21 8	21 40		n.a.
T 6	20 1	2n21	4 46	10 13	2 0	20 55	2 17	20 5	0 4	13 35	1 16	22 46	1 2	22 29	0 12	22 6	0 38	19 29	17 12	21 21	21 7	21 41		n.a.
F 7	19 48	7 16	4 13	9 44	2 9	21 5	2 12	20 14	0 4	13 30	1 16	22 45	1 2	22 28	0 12	22 6	0 38	19 30	17 13	21 21	21 7	21 41		n.a.
S 8	19 34	11 54	3 26	9 16	2 18	21 15	2 8	20 23	0 3	13 26	1 16	22 44	1 2	22 28	0 12	22 6	0 38	19 30	17 13	21 20	21 6	21 41		n.a.
S 9	19 19	15 59	2 26	8 49	2 26	21 24	2 4	20 31	0 2	13 21	1 15	22 43	1 3	22 28	0 12	22 7	0 38	19 31	17 13	21 20	21 5	21 41		n.a.
M10	19 5	19 13	1 16	8 22	2 35	21 33	1 59	20 40	0 1	13 17	1 15	22 42	1 3	22 28	0 12	22 7	0 38	19 31	17 13	21 20	21 5	21 41		n.a.
T 11	18 50	21 20	0 0	7 57	2 43	21 42	1 55	20 48	0n 0	13 12	1 15	22 40	1 3	22 28	0 12	22 7	0 38	19 32	17 14	21 20	21 4	21 41		n.a.
W12	18 35	22 4	1s16	7 34	2 52	21 50	1 51	20 56	0 1	13 8	1 15	22 39	1 3	22 28	0 12	22 8	0 38	19 32	17 14	21 20	21 3	21 41		n.a.
T 13	18 19	21 19	2 28	7 12	3 0	21 57	1 46	21 4	0 2	13 3	1 15	22 38	1 3	22 28	0 12	22 8	0 38	19 33	17 14	21 19	21 3	21 41		n.a.
F 14	18 3	19 9	3 30	6 52	3 7	22 4	1 42	21 12	0 3	12 59	1 15	22 37	1 3	22 27	0 12	22 8	0 38	19 33	17 14	21 18	21 2	21 42		n.a.
S 15	17 47	15 45	4 18	6 33	3 14	22 10	1 37	21 19	0 4	12 54	1 15	22 35	1 3	22 27	0 12	22 8	0 38	19 34	17 15	21 17	21 2	21 42		n.a.
S 16	17 31	11 28	4 50	6 17	3 21	22 16	1 33	21 27	0 5	12 50	1 15	22 34	1 3	22 27	0 12	22 9	0 38	19 34	17 15	21 15	21 1	21 42		n.a.
M17	17 14	6 39	5 2	6 4	3 27	22 21	1 29	21 34	0 6	12 45	1 15	22 33	1 3	22 27	0 12	22 9	0 38	19 35	17 15	21 13	21 0	21 42		n.a.
T 18	16 57	1 37	4 57	5 53	3 33	22 25	1 24	21 41	0 7	12 40	1 15	22 32	1 3	22 27	0 12	22 9	0 39	19 35	17 15	21 11	21 0	21 42		n.a.
W19	16 39	3s21	4 36	5 45	3 38	22 29	1 20	21 48	0 8	12 36	1 15	22 30	1 4	22 27	0 12	22 10	0 39	19 36	17 15	21 9	20 59	21 42		n.a.
T 20	16 22	8 1	4 0	5 40	3 42	22 33	1 15	21 55	0 9	12 31	1 15	22 29	1 4	22 27	0 12	22 10	0 39	19 37	17 16	21 7	20 58	21 42		n.a.
F 21	16 4	12 12	3 14	5 39	3 45	22 36	1 11	22 2	0 10	12 26	1 15	22 28	1 4	22 27	0 12	22 10	0 39	19 37	17 16	21 6	20 58	21 42		n.a.
S 22	15 46	15 47	2 20	5 41	3 47	22 38	1 7	22 9	0 11	12 22	1 15	22 27	1 4	22 27	0 12	22 10	0 39	19 38	17 16	21 6	20 57	21 42		n.a.
S 23	15 27	18 38	1 21	5 47	3 47	22 40	1 2	22 15	0 12	12 17	1 15	22 26	1 4	22 27	0 12	22 11	0 39	19 38	17 16	21 6	20 56	21 42		n.a.
M24	15 8	20 40	0 19	5 57	3 46	22 41	0 58	22 22	0 13	12 12	1 15	22 24	1 4	22 27	0 12	22 11	0 39	19 39	17 16	21 6	20 56	21 42		n.a.
T 25	14 49	21 46	0n43	6 12	3 44	22 41	0 54	22 28	0 14	12 7	1 15	22 23	1 4	22 27	0 12	22 11	0 39	19 39	17 16	21 6	20 55	21 42		n.a.
W26	14 30	21 54	1 44	6 31	3 40	22 41	0 49	22 34	0 15	12 3	1 15	22 22	1 4	22 26	0 12	22 12	0 39	19 40	17 17	21 6	20 54	21 42		n.a.
T 27	14 10	21 3	2 41	6 54	3 34	22 40	0 45	22 40	0 16	11 58	1 15	22 21	1 5	22 26	0 12	22 12	0 39	19 40	17 17	21 5	20 54	21 42		n.a.
F 28	13 51	19 13	3 31	7 22	3 26	22 39	0 41	22 46	0 17	11 53	1 15	22 19	1 5	22 26	0 12	22 12	0 39	19 41	17 17	21 3	20 53	21 42		n.a.
S 29	13 31	16 29	4 12	7 53	3 16	22 37	0 37	22 51	0 18	11 48	1 15	22 18	1 5	22 26	0 12	22 12	0 39	19 41	17 17	21 2	20 53	21 42		n.a.
S 30	13 11	12 55	4 42	8 28	3 4	22 34	0 32	22 57	0 19	11 44	1 15	22 17	1 5	22 26	0 12	22 13	0 39	19 42	17 17	20 59	20 52	21 42		n.a.
M31	12n50	8s43	4n58	9n 5	2s50	22n31	0s28	23n 2	0n20	11n39	1n15	22n16	1n 5	22s26	0s12	22s13	0s39	19s42	17s17	20s57	20s51	21s42		n.a.

Julian Day Number = 1314016.5, Delta T = 07h38m58s
Ecliptic obliquity = 23°49'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'21, Lahiri = -19°21'21 Julian Calendar 1 Aug. 1116 BCE == Greg. Calendar 21 July 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

SEPTEMBER 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 58 38	27♌37'53	8♓12	28°R36	16♋ 4	13♊23	3♍26	26♋35	9♐36	24°R24	20°R14	2°R 1	1♐44	12♐32	n.a.	T 1
W 2	22 2 35	28°37'21	21°36	27♌25	17°14	13°55	3°39	26°41	9°36	24♑23	20♓13	1♐49	1°41	12°39	n.a.	W 2
T 3	22 6 31	29°36'50	5♈12	26°16	18°23	14°27	3°53	26°48	9°36	24°22	20°12	1°39	1°38	12°46	n.a.	T 3
F 4	22 10 28	0♍36'22	18°56	25°11	19°33	14°59	4° 6	26°55	9°37	24°20	20°11	1°32	1°35	12°52	n.a.	F 4
S 5	22 14 24	1°35'57	2♉47	24°12	20°43	15°31	4°19	27° 2	9°37	24°19	20° 9	1°28	1°32	12°59	n.a.	S 5
S 6	22 18 21	2°35'33	16°44	23°21	21°53	16° 3	4°32	27° 8	9°37	24°18	20° 8	1°26	1°28	13° 6	n.a.	S 6
M 7	22 22 17	3°35'13	0♊46	22°39	23° 3	16°35	4°45	27°15	9°38	24°17	20° 7	1°26	1°25	13°12	n.a.	M 7
T 8	22 26 14	4°34'55	14°51	22° 7	24°14	17° 6	4°58	27°21	9°38	24°16	20° 6	1°25	1°22	13°19	n.a.	T 8
W 9	22 30 10	5°34'39	29° 1	21°46	25°24	17°37	5°11	27°28	9°38	24°14	20° 5	1°24	1°19	13°26	n.a.	W 9
T 10	22 34 7	6°34'26	13♋12	21°D36	26°35	18° 8	5°24	27°34	9°39	24°13	20° 4	1°21	1°16	13°32	n.a.	T 10
F 11	22 38 3	7°34'15	27°23	21°37	27°46	18°39	5°37	27°41	9°40	24°12	20° 3	1°14	1°13	13°39	n.a.	F 11
S 12	22 42 0	8°34'06	11♌30	21°49	28°57	19°10	5°51	27°47	9°40	24°11	20° 2	1° 5	1° 9	13°46	n.a.	S 12
S 13	22 45 57	9°34'00	25°28	22°11	0♌ 8	19°40	6° 4	27°53	9°41	24°10	20° 1	0°53	1° 6	13°52	n.a.	S 13
M14	22 49 53	10°33'55	9♍14	22°44	1°19	20°10	6°17	27°59	9°42	24° 9	20° 0	0°41	1° 3	13°59	n.a.	M14
T 15	22 53 50	11°33'53	22°43	23°25	2°31	20°40	6°30	28° 6	9°42	24° 8	19°58	0°28	1° 0	14° 6	n.a.	T 15
W16	22 57 46	12°33'53	5♎52	24°14	3°42	21°10	6°43	28°12	9°43	24° 7	19°57	0°17	0°57	14°12	n.a.	W16
T 17	23 1 43	13°33'55	18°41	25°11	4°54	21°40	6°56	28°18	9°44	24° 6	19°56	0° 8	0°54	14°19	n.a.	T 17
F 18	23 5 39	14°33'58	1♏11	26°15	6° 5	22° 9	7° 9	28°24	9°45	24° 5	19°55	0° 2	0°50	14°25	n.a.	F 18
S 19	23 9 36	15°34'04	13°23	27°24	7°17	22°38	7°22	28°30	9°46	24° 4	19°54	29♏59	0°47	14°32	n.a.	S 19
S 20	23 13 32	16°34'11	25°22	28°39	8°29	23° 7	7°35	28°35	9°47	24° 3	19°53	29°D57	0°44	14°39	n.a.	S 20
M21	23 17 29	17°34'20	7♐13	29°57	9°41	23°36	7°48	28°41	9°48	24° 3	19°52	29°57	0°41	14°45	n.a.	M21
T 22	23 21 25	18°34'31	19° 1	1♍20	10°53	24° 4	8° 2	28°47	9°49	24° 2	19°50	29°R58	0°38	14°52	n.a.	T 22
W23	23 25 22	19°34'43	0♑52	2°45	12° 5	24°33	8°15	28°53	9°51	24° 1	19°49	29°57	0°34	14°59	n.a.	W23
T 24	23 29 19	20°34'58	12°50	4°13	13°18	25° 1	8°28	28°58	9°52	24° 0	19°48	29°55	0°31	15° 5	n.a.	T 24
F 25	23 33 15	21°35'14	25° 1	5°43	14°30	25°29	8°41	29° 4	9°53	24° 0	19°47	29°50	0°28	15°12	n.a.	F 25
S 26	23 37 12	22°35'31	7♒29	7°15	15°42	25°56	8°53	29° 9	9°54	23°59	19°46	29°42	0°25	15°19	n.a.	S 26
S 27	23 41 8	23°35'50	20°17	8°49	16°55	26°23	9° 6	29°15	9°56	23°58	19°45	29°33	0°22	15°25	n.a.	S 27
M28	23 45 5	24°36'11	3♓25	10°23	18° 8	26°50	9°19	29°20	9°57	23°58	19°44	29°22	0°19	15°32	n.a.	M28
T 29	23 49 1	25°36'34	16°55	11°59	19°20	27°17	9°32	29°25	9°59	23°57	19°42	29°11	0°15	15°39	n.a.	T 29
W30	23 52 58	26♍36'58	0♈42	13♍35	20♌33	27♊44	9♍45	29♋30	10♐ 0	23♑56	19♓41	29♏ 0	0♐12	15♐45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n29	4s 1	4n59	9n45	2s34	22n27	0s24	23n 7	0n21	11n34	1n15	22n15	1n 5	22s26	0s12	22s13	0s39	19s43	17s18	20s54	20s51	21s42		n.a.
W 2	12 9	0n56	4 43	10 26	2 17	22 22	0 20	23 13	0 22	11 29	1 15	22 13	1 5	22 26	0 12	22 13	0 39	19 44	17 18	20 52	20 50	21 42		n.a.
T 3	11 47	5 55	4 11	11 7	1 58	22 17	0 16	23 17	0 23	11 24	1 15	22 12	1 5	22 26	0 12	22 13	0 39	19 44	17 18	20 50	20 49	21 42		n.a.
F 4	11 26	10 40	3 24	11 48	1 38	22 11	0 12	23 22	0 24	11 19	1 15	22 11	1 6	22 26	0 12	22 14	0 39	19 45	17 18	20 48	20 49	21 42		n.a.
S 5	11 5	14 54	2 25	12 26	1 18	22 4	0 8	23 27	0 26	11 14	1 15	22 10	1 6	22 27	0 12	22 14	0 39	19 45	17 18	20 47	20 48	21 42		n.a.
S 6	10 43	18 20	1 17	13 3	0 58	21 57	0 4	23 32	0 27	11 10	1 15	22 9	1 6	22 27	0 12	22 14	0 39	19 46	17 18	20 47	20 47	21 42		n.a.
M 7	10 21	20 42	0 4	13 36	0 38	21 49	0 0	23 36	0 28	11 5	1 15	22 8	1 6	22 27	0 12	22 14	0 39	19 46	17 18	20 47	20 47	21 42		n.a.
T 8	9 59	21 47	1s10	14 5	0 18	21 40	0n 3	23 40	0 29	11 0	1 15	22 6	1 6	22 27	0 12	22 15	0 39	19 47	17 18	20 47	20 46	21 42		n.a.
W 9	9 37	21 29	2 20	14 29	0n 1	21 31	0 7	23 44	0 30	10 55	1 15	22 5	1 6	22 27	0 12	22 15	0 39	19 47	17 18	20 46	20 45	21 42		n.a.
T 10	9 15	19 49	3 22	14 49	0 18	21 21	0 11	23 49	0 31	10 50	1 15	22 4	1 6	22 27	0 12	22 15	0 39	19 48	17 18	20 46	20 45	21 42		n.a.
F 11	8 52	16 56	4 10	15 4	0 35	21 11	0 15	23 52	0 33	10 45	1 15	22 3	1 7	22 27	0 12	22 15	0 39	19 48	17 19	20 44	20 44	21 42		n.a.
S 12	8 29	13 4	4 44	15 15	0 50	21 0	0 18	23 56	0 34	10 40	1 15	22 2	1 7	22 27	0 12	22 15	0 39	19 49	17 19	20 42	20 43	21 42		n.a.
S 13	8 6	8 33	4 59	15 20	1 3	20 48	0 22	24 0	0 35	10 35	1 15	22 1	1 7	22 27	0 12	22 16	0 39	19 49	17 19	20 40	20 43	21 42		n.a.
M14	7 43	3 39	4 57	15 21	1 15	20 36	0 25	24 4	0 36	10 30	1 15	22 0	1 7	22 27	0 12	22 16	0 39	19 50	17 19	20 37	20 42	21 42		n.a.
T 15	7 20	1s19	4 39	15 17	1 26	20 23	0 29	24 7	0 38	10 26	1 15	21 58	1 7	22 27	0 12	22 16	0 39	19 50	17 19	20 35	20 41	21 42		n.a.
W16	6 57	6 7	4 5	15 9	1 35	20 9	0 32	24 10	0 39	10 21	1 15	21 57	1 7	22 27	0 12	22 16	0 38	19 51	17 19	20 32	20 41	21 42		n.a.
T 17	6 34	10 31	3 20	14 57	1 43	19 55	0 35	24 14	0 40	10 16	1 15	21 56	1 8	22 28	0 12	22 16	0 38	19 51	17 19	20 30	20 40	21 42		n.a.
F 18	6 10	14 21	2 27	14 41	1 50	19 41	0 39	24 17	0 41	10 11	1 15	21 55	1 8	22 28	0 12	22 16	0 38	19 52	17 19	20 29	20 39	21 42		n.a.
S 19	5 47	17 29	1 27	14 22	1 55	19 25	0 42	24 20	0 43	10 6	1 15	21 54	1 8	22 28	0 12	22 17	0 38	19 52	17 19	20 28	20 39	21 42		n.a.
S 20	5 23	19 49	0 24	13 59	1 59	19 9	0 45	24 23	0 44	10 1	1 15	21 53	1 8	22 28	0 12	22 17	0 38	19 53	17 19	20 28	20 38	21 42		n.a.
M21	4 59	21 14	0n39	13 34	2 2	18 53	0 48	24 25	0 45	9 56	1 15	21 52	1 8	22 28	0 12	22 17	0 38	19 53	17 19	20 28	20 37	21 42		n.a.
T 22	4 35	21 42	1 40	13 6	2 4	18 36	0 51	24 28	0 47	9 51	1 15	21 51	1 8	22 28	0 12	22 17	0 38	19 54	17 19	20 28	20 37	21 41		n.a.
W23	4 11	21 13	2 37	12 36	2 5	18 18	0 54	24 31	0 48	9 46	1 15	21 50	1 8	22 29	0 12	22 17	0 38	19 54	17 19	20 28	20 36	21 41		n.a.
T 24	3 47	19 45	3 28	12 3	2 5	18 0	0 57	24 33	0 49	9 41	1 15	21 49	1 9	22 29	0 12	22 17	0 38	19 55	17 19	20 28	20 35	21 41		n.a.
F 25	3 23	17 23	4 10	11 29	2 4	17 41	0 59	24 36	0 51	9 36	1 15	21 48	1 9	22 29	0 12	22 17	0 38	19 55	17 19	20 26	20 35	21 41		n.a.
S 26	2 59	14 10	4 41	10 53	2 3	17 22	1 2	24 38	0 52	9 31	1 15	21 47	1 9	22 29	0 12	22 17	0 38	19 55	17 19	20 25	20 34	21 41		n.a.
S 27	2 35	10 14	4 59	10 16	2 1	17 3	1 5	24 40	0 54	9 27	1 15	21 46	1 9	22 29	0 12	22 18	0 38	19 56	17 19	20 23	20 33	21 41		n.a.
M28	2 11	5 43	5 3	9 37	1 59	16 42	1 7	24 42	0 55	9 22	1 15	21 45	1 9	22 30	0 12	22 18	0 38	19 56	17 19	20 20	20 33	21 41		n.a.
T 29	1 46	0 49	4 49	8 57	1 56	16 22	1 10	24 44	0 57	9 17	1 15	21 44	1 10	22 30	0 12	22 18	0 38	19 57	17 19	20 18	20 32	21 41		n.a.
W30	1n22	4n14	4n19	8n17	1n52	16n 0	1n12	24n46	0n58	9n12	1n15	21n43	1n10	22s30	0s12	22s18	0s38	19s57	17s19	20s16	20s31	21s41		n.a.

Julian Day Number = 1314047.5, Delta T = 07h38m56s
Ecliptic obliquity = 23°49'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'17, Lahiri = -19°21'17 Julian Calendar 1 Sept. 1116 BCE == Greg. Calendar 21 Aug. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

OCTOBER 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 54	27♍37'24	14♈44	15♍11	21♌46	28♊10	9♍58	29♋36	10♐ 2	23°R56	19°R40	28°R51	0♐ 9	15♐52	n.a.	T 1
F 2	0 0 51	28°37'52	28°55	16°48	22°59	28°36	10°11	29°41	10° 3	23♑55	19♓39	28♏45	0° 6	15°59	n.a.	F 2
S 3	0 4 48	29°38'22	13♉11	18°25	24°12	29° 2	10°24	29°46	10° 5	23°55	19°38	28°42	0° 3	16° 5	n.a.	S 3
S 4	0 8 44	0♎38'54	27°27	20° 2	25°26	29°27	10°36	29°50	10° 7	23°55	19°37	28°D41	29♏59	16°12	n.a.	S 4
M 5	0 12 41	1°39'28	11♊41	21°40	26°39	29°53	10°49	29°55	10° 9	23°54	19°36	28°41	29°56	16°19	n.a.	M 5
T 6	0 16 37	2°40'04	25°51	23°17	27°52	0♋17	11° 2	0♌ 0	10°10	23°54	19°35	28°42	29°53	16°25	n.a.	T 6
W 7	0 20 34	3°40'42	9♋55	24°54	29° 6	0°42	11°14	0° 5	10°12	23°53	19°33	28°R42	29°50	16°32	n.a.	W 7
T 8	0 24 30	4°41'22	23°53	26°31	0♍19	1° 6	11°27	0° 9	10°14	23°53	19°32	28°40	29°47	16°38	n.a.	T 8
F 9	0 28 27	5°42'04	7♌43	28° 8	1°33	1°30	11°40	0°14	10°16	23°53	19°31	28°36	29°44	16°45	n.a.	F 9
S 10	0 32 23	6°42'47	21°25	29°45	2°46	1°54	11°52	0°18	10°18	23°53	19°30	28°30	29°40	16°52	n.a.	S 10
S 11	0 36 20	7°43'33	4♍56	1♎21	4° 0	2°17	12° 5	0°22	10°20	23°52	19°29	28°22	29°37	16°58	n.a.	S 11
M12	0 40 17	8°44'20	18°16	2°58	5°14	2°40	12°17	0°27	10°22	23°52	19°28	28°13	29°34	17° 5	n.a.	M12
T 13	0 44 13	9°45'08	1♎22	4°34	6°28	3° 3	12°29	0°31	10°24	23°52	19°27	28° 4	29°31	17°12	n.a.	T 13
W14	0 48 10	10°45'58	14°13	6°10	7°42	3°25	12°42	0°35	10°26	23°52	19°26	27°56	29°28	17°18	n.a.	W14
T 15	0 52 6	11°46'50	26°49	7°46	8°56	3°47	12°54	0°39	10°29	23°52	19°25	27°49	29°25	17°25	n.a.	T 15
F 16	0 56 3	12°47'43	9♏10	9°21	10°10	4° 8	13° 6	0°43	10°31	23°D52	19°24	27°45	29°21	17°32	n.a.	F 16
S 17	0 59 59	13°48'37	21°18	10°57	11°24	4°29	13°19	0°47	10°33	23°52	19°23	27°43	29°18	17°38	n.a.	S 17
S 18	1 3 56	14°49'32	3♐15	12°32	12°38	4°50	13°31	0°50	10°35	23°52	19°22	27°D43	29°15	17°45	n.a.	S 18
M19	1 7 52	15°50'29	15° 5	14° 7	13°52	5°10	13°43	0°54	10°38	23°52	19°21	27°44	29°12	17°52	n.a.	M19
T 20	1 11 49	16°51'26	26°52	15°42	15° 6	5°30	13°55	0°57	10°40	23°52	19°20	27°46	29° 9	17°58	n.a.	T 20
W21	1 15 46	17°52'25	8♑41	17°17	16°21	5°50	14° 7	1° 1	10°43	23°52	19°19	27°47	29° 5	18° 5	n.a.	W21
T 22	1 19 42	18°53'24	20°38	18°51	17°35	6° 9	14°19	1° 4	10°45	23°53	19°18	27°R48	29° 2	18°12	n.a.	T 22
F 23	1 23 39	19°54'24	2♒48	20°26	18°49	6°28	14°31	1° 7	10°48	23°53	19°17	27°47	28°59	18°18	n.a.	F 23
S 24	1 27 35	20°55'25	15°15	22° 0	20° 4	6°46	14°43	1°11	10°50	23°53	19°16	27°44	28°56	18°25	n.a.	S 24
S 25	1 31 32	21°56'27	28° 3	23°35	21°18	7° 4	14°54	1°14	10°53	23°53	19°15	27°40	28°53	18°32	n.a.	S 25
M26	1 35 28	22°57'30	11♓16	25° 9	22°32	7°21	15° 6	1°16	10°55	23°54	19°14	27°35	28°50	18°38	n.a.	M26
T 27	1 39 25	23°58'34	24°53	26°43	23°47	7°38	15°18	1°19	10°58	23°54	19°13	27°29	28°46	18°45	n.a.	T 27
W28	1 43 21	24°59'38	8♈55	28°17	25° 2	7°54	15°29	1°22	11° 1	23°54	19°12	27°24	28°43	18°52	n.a.	W28
T 29	1 47 18	26° 0'43	23°16	29°51	26°16	8°10	15°41	1°25	11° 4	23°55	19°11	27°19	28°40	18°58	n.a.	T 29
F 30	1 51 14	27° 1'50	7♉52	1♏26	27°31	8°26	15°52	1°27	11° 6	23°55	19°10	27°16	28°37	19° 5	n.a.	F 30
S 31	1 55 11	28♎ 2'57	22♉36	3♏ 0	28♍45	8♋41	16♍ 4	1♌30	11♐ 9	23♑56	19♓ 9	27°D15	28♏34	19♐12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n58	9n 9	3n32	7n35	1n48	15n39	1n14	24n48	0n59	9n 7	1n16	21n42	1n10	22s30	0s12	22s18	0s38	19s57	17s19	20s14	20s31	21s40			n.a.
F 2	0 33	13 38	2 32	6 53	1 44	15 17	1 16	24 50	1 1	9 2	1 16	21 41	1 10	22 31	0 12	22 18	0 38	19 58	17 18	20 12	20 30	21 40			n.a.
S 3	0 9	17 21	1 22	6 10	1 39	14 54	1 19	24 52	1 2	8 57	1 16	21 40	1 10	22 31	0 12	22 18	0 38	19 58	17 18	20 12	20 29	21 40			n.a.
S 4	0s16	20 1	0 7	5 27	1 34	14 31	1 21	24 54	1 4	8 52	1 16	21 40	1 10	22 31	0 12	22 18	0 38	19 59	17 18	20 11	20 29	21 40			n.a.
M 5	0 40	21 25	1s 9	4 43	1 29	14 7	1 23	24 55	1 6	8 48	1 16	21 39	1 11	22 31	0 12	22 18	0 38	19 59	17 18	20 11	20 28	21 40			n.a.
T 6	1 5	21 25	2 20	3 59	1 24	13 43	1 24	24 57	1 7	8 43	1 16	21 38	1 11	22 32	0 12	22 18	0 38	19 59	17 18	20 12	20 27	21 40			n.a.
W 7	1 29	20 5	3 23	3 15	1 18	13 19	1 26	24 58	1 9	8 38	1 16	21 37	1 11	22 32	0 12	22 18	0 38	20 0	17 18	20 12	20 27	21 39			n.a.
T 8	1 54	17 32	4 12	2 31	1 13	12 54	1 28	25 0	1 10	8 33	1 16	21 36	1 11	22 32	0 12	22 18	0 38	20 0	17 18	20 11	20 26	21 39			n.a.
F 9	2 18	14 1	4 47	1 46	1 7	12 29	1 30	25 1	1 12	8 28	1 16	21 35	1 11	22 32	0 12	22 18	0 38	20 0	17 18	20 10	20 25	21 39			n.a.
S 10	2 42	9 48	5 4	1 1	1 1	12 4	1 31	25 2	1 14	8 24	1 16	21 35	1 12	22 33	0 12	22 18	0 38	20 1	17 18	20 9	20 24	21 39			n.a.
S 11	3 7	5 8	5 5	0 17	0 54	11 38	1 33	25 4	1 15	8 19	1 16	21 34	1 12	22 33	0 12	22 18	0 38	20 1	17 18	20 7	20 24	21 39			n.a.
M12	3 31	0 18	4 48	0s28	0 48	11 12	1 34	25 5	1 17	8 14	1 16	21 33	1 12	22 33	0 12	22 18	0 38	20 1	17 17	20 5	20 23	21 39			n.a.
T 13	3 55	4s28	4 17	1 12	0 42	10 45	1 35	25 6	1 19	8 9	1 17	21 32	1 12	22 34	0 12	22 18	0 38	20 2	17 17	20 3	20 22	21 38			n.a.
W14	4 20	8 57	3 33	1 57	0 35	10 18	1 36	25 7	1 20	8 5	1 17	21 32	1 12	22 34	0 12	22 18	0 38	20 2	17 17	20 1	20 22	21 38			n.a.
T 15	4 44	12 58	2 39	2 41	0 29	9 51	1 38	25 8	1 22	8 0	1 17	21 31	1 13	22 34	0 12	22 18	0 38	20 2	17 17	20 0	20 21	21 38			n.a.
F 16	5 8	16 20	1 39	3 26	0 22	9 24	1 39	25 9	1 24	7 55	1 17	21 30	1 13	22 35	0 12	22 18	0 38	20 3	17 17	19 59	20 20	21 38			n.a.
S 17	5 32	18 56	0 35	4 10	0 16	8 56	1 40	25 11	1 26	7 51	1 17	21 30	1 13	22 35	0 12	22 18	0 38	20 3	17 17	19 58	20 20	21 38			n.a.
S 18	5 56	20 39	0n30	4 53	0 9	8 28	1 40	25 12	1 27	7 46	1 17	21 29	1 13	22 35	0 12	22 18	0 38	20 3	17 17	19 58	20 19	21 37			n.a.
M19	6 20	21 26	1 33	5 37	0 3	8 0	1 41	25 13	1 29	7 41	1 17	21 28	1 13	22 36	0 12	22 18	0 38	20 3	17 16	19 58	20 18	21 37			n.a.
T 20	6 44	21 15	2 32	6 20	0s 4	7 31	1 42	25 14	1 31	7 37	1 17	21 28	1 14	22 36	0 12	22 18	0 38	20 4	17 16	19 59	20 17	21 37			n.a.
W21	7 7	20 8	3 25	7 3	0 10	7 3	1 43	25 15	1 33	7 32	1 17	21 27	1 14	22 36	0 12	22 18	0 38	20 4	17 16	19 59	20 17	21 37			n.a.
T 22	7 31	18 7	4 9	7 46	0 17	6 34	1 43	25 16	1 35	7 27	1 17	21 27	1 14	22 37	0 12	22 18	0 38	20 4	17 16	19 59	20 16	21 36			n.a.
F 23	7 54	15 16	4 43	8 28	0 23	6 5	1 44	25 17	1 37	7 23	1 18	21 26	1 14	22 37	0 12	22 18	0 38	20 4	17 16	19 59	20 15	21 36			n.a.
S 24	8 18	11 41	5 5	9 10	0 30	5 35	1 44	25 18	1 39	7 18	1 18	21 26	1 14	22 37	0 12	22 18	0 38	20 5	17 15	19 58	20 15	21 36			n.a.
S 25	8 41	7 28	5 12	9 51	0 36	5 6	1 44	25 19	1 41	7 14	1 18	21 25	1 15	22 38	0 12	22 18	0 38	20 5	17 15	19 57	20 14	21 36			n.a.
M26	9 4	2 48	5 3	10 32	0 42	4 36	1 44	25 20	1 43	7 9	1 18	21 25	1 15	22 38	0 12	22 18	0 38	20 5	17 15	19 56	20 13	21 35			n.a.
T 27	9 27	2n10	4 37	11 13	0 48	4 6	1 45	25 21	1 45	7 5	1 18	21 24	1 15	22 38	0 12	22 18	0 38	20 5	17 15	19 55	20 13	21 35			n.a.
W28	9 50	7 10	3 54	11 53	0 54	3 36	1 45	25 22	1 47	7 0	1 18	21 24	1 15	22 39	0 12	22 18	0 38	20 5	17 15	19 54	20 12	21 35			n.a.
T 29	10 12	11 54	2 56	12 32	1 0	3 6	1 45	25 23	1 49	6 56	1 18	21 24	1 15	22 39	0 12	22 18	0 38	20 5	17 14	19 53	20 11	21 35			n.a.
F 30	10 35	16 0	1 44	13 11	1 6	2 36	1 44	25 24	1 51	6 52	1 18	21 23	1 16	22 40	0 12	22 18	0 38	20 6	17 14	19 52	20 10	21 34			n.a.
S 31	10s57	19n 8	0n26	13s49	1s11	2n 5	1n44	25n25	1n53	6n47	1n19	21n23	1n16	22s40	0s12	22s18	0s38	20s 6	17s14	19s52	20s10	21s34			n.a.

Julian Day Number = 1314077.5, Delta T = 07h38m55s
Ecliptic obliquity = 23°49'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'13, Lahiri = -19°21'13 Julian Calendar 1 Oct. 1116 BCE == Greg. Calendar 20 Sept. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

NOVEMBER 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 59 8	29♎ 4'05	7♊20	4♏34	0♎ 0	8♋55	16♍15	1♌32	11♐12	23♑56	19°R 9	27♏15	28♏30	19♐18	n.a.	S 1
M 2	2 3 4	0♏ 5'14	21°59	6° 8	1°15	9° 9	16°26	1°34	11°15	23°57	19♓ 8	27°17	28°27	19°25	n.a.	M 2
T 3	2 7 1	1° 6'25	6♋26	7°43	2°30	9°22	16°37	1°36	11°18	23°57	19° 7	27°18	28°24	19°31	n.a.	T 3
W 4	2 10 57	2° 7'36	20°40	9°17	3°44	9°35	16°48	1°38	11°21	23°58	19° 6	27°19	28°21	19°38	n.a.	W 4
T 5	2 14 54	3° 8'49	4♌38	10°51	4°59	9°47	16°59	1°40	11°23	23°59	19° 5	27°R20	28°18	19°45	n.a.	T 5
F 6	2 18 50	4°10'02	18°20	12°26	6°14	9°59	17°10	1°42	11°26	23°59	19° 5	27°19	28°15	19°51	n.a.	F 6
S 7	2 22 47	5°11'16	1♍45	14° 0	7°29	10°10	17°21	1°44	11°29	24° 0	19° 4	27°17	28°11	19°58	n.a.	S 7
S 8	2 26 44	6°12'31	14°56	15°35	8°44	10°21	17°32	1°45	11°32	24° 1	19° 3	27°15	28° 8	20° 5	n.a.	S 8
M 9	2 30 40	7°13'46	27°53	17° 9	9°59	10°30	17°42	1°47	11°36	24° 2	19° 2	27°11	28° 5	20°11	n.a.	M 9
T 10	2 34 37	8°15'03	10♎36	18°44	11°14	10°40	17°53	1°48	11°39	24° 3	19° 2	27° 8	28° 2	20°18	n.a.	T 10
W11	2 38 33	9°16'20	23° 6	20°19	12°29	10°48	18° 3	1°50	11°42	24° 3	19° 1	27° 5	27°59	20°25	n.a.	W11
T 12	2 42 30	10°17'37	5♏26	21°53	13°44	10°56	18°14	1°51	11°45	24° 4	19° 0	27° 3	27°56	20°31	n.a.	T 12
F 13	2 46 26	11°18'55	17°34	23°28	14°59	11° 4	18°24	1°52	11°48	24° 5	19° 0	27° 2	27°52	20°38	n.a.	F 13
S 14	2 50 23	12°20'13	29°34	25° 2	16°14	11°10	18°34	1°53	11°51	24° 6	18°59	27°D 2	27°49	20°45	n.a.	S 14
S 15	2 54 19	13°21'32	11♐27	26°36	17°29	11°16	18°44	1°54	11°54	24° 7	18°58	27° 2	27°46	20°51	n.a.	S 15
M16	2 58 16	14°22'51	23°16	28°10	18°44	11°21	18°54	1°54	11°58	24° 8	18°58	27° 4	27°43	20°58	n.a.	M16
T 17	3 2 13	15°24'09	5♑ 3	29°43	19°59	11°26	19° 4	1°55	12° 1	24° 9	18°57	27° 5	27°40	21° 5	n.a.	T 17
W18	3 6 9	16°25'28	16°52	1♐16	21°14	11°30	19°14	1°55	12° 4	24°10	18°57	27° 6	27°36	21°11	n.a.	W18
T 19	3 10 6	17°26'47	28°48	2°49	22°29	11°33	19°23	1°56	12° 7	24°12	18°56	27° 7	27°33	21°18	n.a.	T 19
F 20	3 14 2	18°28'05	10♒55	4°20	23°44	11°35	19°33	1°56	12°11	24°13	18°56	27° 7	27°30	21°25	n.a.	F 20
S 21	3 17 59	19°29'23	23°17	5°51	24°59	11°37	19°42	1°56	12°14	24°14	18°55	27°R 7	27°27	21°31	n.a.	S 21
S 22	3 21 55	20°30'41	6♓ 0	7°21	26°14	11°38	19°52	1°R56	12°17	24°15	18°55	27° 7	27°24	21°38	n.a.	S 22
M23	3 25 52	21°31'58	19° 6	8°49	27°29	11°R38	20° 1	1°56	12°21	24°16	18°54	27° 7	27°21	21°45	n.a.	M23
T 24	3 29 49	22°33'15	2♈39	10°15	28°44	11°38	20°10	1°56	12°24	24°18	18°54	27° 6	27°17	21°51	n.a.	T 24
W25	3 33 45	23°34'32	16°40	11°39	29°59	11°36	20°19	1°56	12°28	24°19	18°53	27° 6	27°14	21°58	n.a.	W25
T 26	3 37 42	24°35'48	1♉ 6	13° 1	1♏14	11°34	20°28	1°55	12°31	24°20	18°53	27° 5	27°11	22° 5	n.a.	T 26
F 27	3 41 38	25°37'05	15°53	14°20	2°29	11°31	20°37	1°55	12°34	24°22	18°53	27° 5	27° 8	22°11	n.a.	F 27
S 28	3 45 35	26°38'21	0♊55	15°35	3°44	11°28	20°45	1°54	12°38	24°23	18°52	27° 5	27° 5	22°18	n.a.	S 28
S 29	3 49 31	27°39'36	16° 2	16°46	5° 0	11°23	20°54	1°54	12°41	24°24	18°52	27° 5	27° 2	22°25	n.a.	S 29
M30	3 53 28	28♏40'52	1♋ 6	17♐52	6♏15	11♋18	21♍ 2	1♌53	12♐45	24♑26	18♓52	27♏ 5	26♏58	22♐31	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s19	20n59	0s55	14s27	1s17	1n35	1n44	25n26	1n55	6n43	1n19	21n23	1n16	22s40	0s12	22s18	0s38	20s 6	17s14	19s52	20s 9	21s34		n.a.
M 2	11 41	21 23	2 12	15 4	1 22	1 5	1 44	25 27	1 57	6 39	1 19	21 22	1 16	22 41	0 12	22 17	0 38	20 6	17 13	19 52	20 8	21 33		n.a.
T 3	12 3	20 21	3 19	15 41	1 27	0 34	1 43	25 28	1 59	6 34	1 19	21 22	1 17	22 41	0 12	22 17	0 38	20 6	17 13	19 52	20 8	21 33		n.a.
W 4	12 24	18 2	4 13	16 16	1 32	0 3	1 43	25 30	2 2	6 30	1 19	21 22	1 17	22 42	0 12	22 17	0 38	20 6	17 13	19 53	20 7	21 33		n.a.
T 5	12 46	14 42	4 51	16 51	1 37	0s27	1 42	25 31	2 4	6 26	1 19	21 22	1 17	22 42	0 12	22 17	0 38	20 6	17 13	19 53	20 6	21 33		n.a.
F 6	13 7	10 39	5 11	17 25	1 41	0 58	1 41	25 32	2 6	6 22	1 19	21 21	1 17	22 43	0 12	22 17	0 38	20 6	17 12	19 53	20 5	21 32		n.a.
S 7	13 28	6 8	5 14	17 59	1 46	1 29	1 41	25 34	2 8	6 18	1 20	21 21	1 17	22 43	0 12	22 17	0 38	20 6	17 12	19 52	20 5	21 32		n.a.
S 8	13 48	1 25	5 0	18 31	1 50	1 59	1 40	25 35	2 11	6 14	1 20	21 21	1 18	22 43	0 12	22 17	0 38	20 6	17 12	19 52	20 4	21 32		n.a.
M 9	14 9	3s17	4 31	19 2	1 53	2 30	1 39	25 37	2 13	6 10	1 20	21 21	1 18	22 44	0 12	22 17	0 38	20 6	17 11	19 51	20 3	21 31		n.a.
T 10	14 29	7 46	3 49	19 33	1 57	3 1	1 38	25 38	2 15	6 5	1 20	21 21	1 18	22 44	0 12	22 16	0 38	20 6	17 11	19 50	20 2	21 31		n.a.
W11	14 49	11 51	2 57	20 2	2 0	3 31	1 37	25 40	2 18	6 1	1 20	21 21	1 18	22 45	0 12	22 16	0 38	20 6	17 11	19 49	20 2	21 31		n.a.
T 12	15 9	15 22	1 57	20 30	2 3	4 2	1 36	25 42	2 20	5 58	1 20	21 21	1 19	22 45	0 12	22 16	0 38	20 6	17 11	19 49	20 1	21 30		n.a.
F 13	15 28	18 11	0 52	20 57	2 5	4 32	1 35	25 43	2 23	5 54	1 21	21 21	1 19	22 45	0 12	22 16	0 38	20 6	17 10	19 49	20 0	21 30		n.a.
S 14	15 47	20 9	0n14	21 23	2 7	5 3	1 34	25 45	2 25	5 50	1 21	21 21	1 19	22 46	0 12	22 16	0 38	20 6	17 10	19 49	20 0	21 30		n.a.
S 15	16 6	21 13	1 19	21 48	2 9	5 33	1 32	25 47	2 27	5 46	1 21	21 21	1 19	22 46	0 12	22 15	0 38	20 6	17 10	19 49	19 59	21 29		n.a.
M16	16 25	21 19	2 21	22 11	2 10	6 3	1 31	25 49	2 30	5 42	1 21	21 21	1 19	22 47	0 12	22 15	0 38	20 6	17 9	19 49	19 58	21 29		n.a.
T 17	16 43	20 28	3 16	22 33	2 11	6 33	1 30	25 51	2 32	5 38	1 21	21 21	1 20	22 47	0 12	22 15	0 38	20 6	17 9	19 49	19 57	21 29		n.a.
W18	17 1	18 43	4 3	22 53	2 11	7 3	1 28	25 54	2 35	5 35	1 22	21 21	1 20	22 48	0 12	22 15	0 38	20 6	17 9	19 50	19 57	21 28		n.a.
T 19	17 19	16 10	4 40	23 12	2 11	7 33	1 27	25 56	2 38	5 31	1 22	21 21	1 20	22 48	0 12	22 15	0 38	20 6	17 8	19 50	19 56	21 28		n.a.
F 20	17 36	12 53	5 5	23 29	2 10	8 3	1 25	25 58	2 40	5 27	1 22	21 21	1 20	22 49	0 12	22 14	0 38	20 6	17 8	19 50	19 55	21 27		n.a.
S 21	17 53	8 59	5 17	23 44	2 9	8 32	1 23	26 1	2 43	5 24	1 22	21 21	1 21	22 49	0 12	22 14	0 38	20 6	17 8	19 50	19 54	21 27		n.a.
S 22	18 10	4 36	5 14	23 58	2 6	9 1	1 22	26 3	2 45	5 20	1 22	21 22	1 21	22 50	0 12	22 14	0 38	20 6	17 7	19 50	19 54	21 27		n.a.
M23	18 26	0n 8	4 55	24 10	2 4	9 30	1 20	26 6	2 48	5 17	1 23	21 22	1 21	22 50	0 12	22 14	0 38	20 6	17 7	19 50	19 53	21 26		n.a.
T 24	18 42	5 1	4 19	24 19	2 0	9 59	1 18	26 8	2 51	5 13	1 23	21 22	1 21	22 50	0 12	22 14	0 38	20 6	17 7	19 50	19 52	21 26		n.a.
W25	18 58	9 49	3 27	24 27	1 56	10 28	1 16	26 11	2 53	5 10	1 23	21 22	1 21	22 51	0 12	22 13	0 38	20 5	17 6	19 50	19 52	21 26		n.a.
T 26	19 13	14 13	2 20	24 33	1 50	10 56	1 14	26 14	2 56	5 6	1 23	21 23	1 22	22 51	0 12	22 13	0 38	20 5	17 6	19 49	19 51	21 25		n.a.
F 27	19 28	17 51	1 2	24 37	1 44	11 24	1 13	26 17	2 58	5 3	1 23	21 23	1 22	22 52	0 12	22 13	0 38	20 5	17 6	19 49	19 50	21 25		n.a.
S 28	19 43	20 19	0s21	24 38	1 37	11 52	1 11	26 20	3 1	5 0	1 24	21 23	1 22	22 52	0 12	22 13	0 38	20 5	17 5	19 49	19 49	21 24		n.a.
S 29	19 57	21 22	1 44	24 38	1 29	12 19	1 9	26 23	3 4	4 57	1 24	21 24	1 22	22 53	0 12	22 12	0 38	20 5	17 5	19 49	19 49	21 24		n.a.
M30	20s11	20n51	2s58	24s35	1s19	12s46	1n 6	26n26	3n 6	4n53	1n24	21n24	1n23	22s53	0s12	22s12	0s38	20s 5	17s 5	19s49	19s48	21s23		n.a.

Julian Day Number = 1314108.5, Delta T = 07h38m53s
Ecliptic obliquity = 23°49'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'09, Lahiri = -19°21'08 Julian Calendar 1 Nov. 1116 BCE == Greg. Calendar 21 Oct. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1116 BCE
geocentric

DECEMBER 1116 BCE (-1115) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 24	29♏42'07	15♋59	18♐53	7♏30	11°R12	21♍11	1°R52	12♐48	24♉27	18°R51	27°R 5	26♏55	22♐38	n.a.	T 1
W 2	4 1 21	0♐43'22	0♌32	19°47	8°45	11♋ 5	21°19	1♌51	12°52	24°29	18♓51	27♏ 4	26°52	22°45	n.a.	W 2
T 3	4 5 18	1°44'37	14°44	20°35	10° 0	10°57	21°27	1°50	12°55	24°30	18°51	27° 4	26°49	22°51	n.a.	T 3
F 4	4 9 14	2°45'52	28°31	21°14	11°15	10°48	21°35	1°48	12°59	24°32	18°51	27°D 4	26°46	22°58	n.a.	F 4
S 5	4 13 11	3°47'06	11♍54	21°44	12°30	10°39	21°42	1°47	13° 2	24°33	18°50	27° 4	26°42	23° 5	n.a.	S 5
S 6	4 17 7	4°48'20	24°56	22° 4	13°45	10°29	21°50	1°46	13° 6	24°35	18°50	27° 4	26°39	23°11	n.a.	S 6
M 7	4 21 4	5°49'34	7♎39	22°R14	15° 1	10°18	21°57	1°44	13° 9	24°37	18°50	27° 5	26°36	23°18	n.a.	M 7
T 8	4 25 0	6°50'48	20° 6	22°13	16°16	10° 6	22° 5	1°42	13°13	24°38	18°50	27° 6	26°33	23°25	n.a.	T 8
W 9	4 28 57	7°52'01	2♏20	22° 0	17°31	9°54	22°12	1°41	13°16	24°40	18°50	27° 7	26°30	23°31	n.a.	W 9
T 10	4 32 53	8°53'13	14°25	21°35	18°46	9°40	22°19	1°39	13°20	24°42	18°50	27° 8	26°27	23°38	n.a.	T 10
F 11	4 36 50	9°54'25	26°22	20°58	20° 1	9°26	22°26	1°37	13°23	24°43	18°50	27°R 8	26°23	23°45	n.a.	F 11
S 12	4 40 47	10°55'36	8♐14	20°11	21°16	9°11	22°33	1°35	13°27	24°45	18°50	27° 8	26°20	23°51	n.a.	S 12
S 13	4 44 43	11°56'47	20° 3	19°15	22°31	8°56	22°39	1°33	13°30	24°47	18°D50	27° 7	26°17	23°58	n.a.	S 13
M14	4 48 40	12°57'56	1♑51	18°10	23°46	8°39	22°46	1°30	13°34	24°49	18°50	27° 5	26°14	24° 5	n.a.	M14
T 15	4 52 36	13°59'05	13°41	16°59	25° 1	8°22	22°52	1°28	13°37	24°51	18°50	27° 2	26°11	24°11	n.a.	T 15
W16	4 56 33	15° 0'12	25°33	15°44	26°17	8° 5	22°58	1°26	13°41	24°52	18°50	26°59	26° 8	24°18	n.a.	W16
T 17	5 0 29	16° 1'18	7♒32	14°27	27°32	7°46	23° 4	1°23	13°45	24°54	18°50	26°56	26° 4	24°24	n.a.	T 17
F 18	5 4 26	17° 2'23	19°40	13°11	28°47	7°27	23°10	1°20	13°48	24°56	18°50	26°54	26° 1	24°31	n.a.	F 18
S 19	5 8 23	18° 3'27	2♓ 1	11°58	0♐ 2	7° 8	23°16	1°18	13°52	24°58	18°50	26°52	25°58	24°38	n.a.	S 19
S 20	5 12 19	19° 4'29	14°39	10°50	1°17	6°48	23°22	1°15	13°55	25° 0	18°50	26°D51	25°55	24°44	n.a.	S 20
M21	5 16 16	20° 5'30	27°37	9°48	2°32	6°27	23°27	1°12	13°59	25° 2	18°50	26°51	25°52	24°51	n.a.	M21
T 22	5 20 12	21° 6'29	10♈59	8°53	3°47	6° 6	23°32	1° 9	14° 2	25° 4	18°50	26°52	25°48	24°58	n.a.	T 22
W23	5 24 9	22° 7'27	24°47	8° 6	5° 2	5°44	23°37	1° 6	14° 6	25° 6	18°51	26°53	25°45	25° 4	n.a.	W23
T 24	5 28 5	23° 8'23	9♉ 2	7°28	6°17	5°22	23°42	1° 3	14° 9	25° 8	18°51	26°55	25°42	25°11	n.a.	T 24
F 25	5 32 2	24° 9'18	23°42	6°59	7°32	5° 0	23°47	0°59	14°13	25°10	18°51	26°R56	25°39	25°18	n.a.	F 25
S 26	5 35 58	25°10'12	8♊43	6°38	8°47	4°37	23°51	0°56	14°16	25°12	18°51	26°55	25°36	25°24	n.a.	S 26
S 27	5 39 55	26°11'04	23°57	6°25	10° 2	4°14	23°56	0°53	14°20	25°14	18°52	26°53	25°33	25°31	n.a.	S 27
M28	5 43 52	27°11'55	9♋15	6°D21	11°17	3°51	24° 0	0°49	14°23	25°16	18°52	26°50	25°29	25°38	n.a.	M28
T 29	5 47 48	28°12'45	24°24	6°24	12°32	3°27	24° 4	0°46	14°27	25°18	18°52	26°46	25°26	25°44	n.a.	T 29
W30	5 51 45	29°13'33	9♌17	6°35	13°47	3° 4	24° 8	0°42	14°30	25°20	18°53	26°41	25°23	25°51	n.a.	W30
T 31	5 55 41	0♑14'20	23♌46	6♐51	15♐ 2	2♋40	24♍12	0♌38	14♐34	25♑22	18♓53	26♏36	25♏20	25♐58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s25	18n53	4s 0	24s30	1s 9	13s13	1n 4	26n29	3n 9	4n50	1n24	21n25	1n23	22s54	0s12	22s12	0s38	20s 4	17s 4	19s49	19s47	21s23			n.a.
W 2	20 38	15 44	4 45	24 23	0 57	13 40	1 2	26 32	3 12	4 47	1 24	21 25	1 23	22 54	0 12	22 11	0 38	20 4	17 4	19 49	19 46	21 23			n.a.
T 3	20 51	11 44	5 11	24 13	0 44	14 6	1 0	26 36	3 14	4 44	1 25	21 25	1 23	22 55	0 12	22 11	0 38	20 4	17 4	19 49	19 46	21 22			n.a.
F 4	21 3	7 13	5 18	24 2	0 30	14 32	0 58	26 39	3 17	4 41	1 25	21 26	1 24	22 55	0 12	22 11	0 38	20 4	17 3	19 49	19 45	21 22			n.a.
S 5	21 15	2 29	5 7	23 49	0 15	14 57	0 56	26 43	3 20	4 38	1 25	21 27	1 24	22 55	0 12	22 11	0 38	20 3	17 3	19 49	19 44	21 21			n.a.
S 6	21 26	2s15	4 41	23 34	0n 1	15 23	0 53	26 46	3 22	4 36	1 25	21 27	1 24	22 56	0 12	22 10	0 38	20 3	17 3	19 49	19 43	21 21			n.a.
M 7	21 38	6 46	4 2	23 17	0 18	15 47	0 51	26 49	3 25	4 33	1 26	21 28	1 24	22 56	0 12	22 10	0 38	20 3	17 2	19 49	19 43	21 20			n.a.
T 8	21 48	10 56	3 12	22 59	0 37	16 12	0 49	26 53	3 28	4 30	1 26	21 28	1 24	22 57	0 12	22 10	0 38	20 3	17 2	19 50	19 42	21 20			n.a.
W 9	21 58	14 34	2 13	22 39	0 55	16 35	0 46	26 57	3 30	4 27	1 26	21 29	1 25	22 57	0 12	22 9	0 38	20 2	17 2	19 50	19 41	21 19			n.a.
T 10	22 8	17 32	1 10	22 19	1 15	16 59	0 44	27 0	3 33	4 25	1 26	21 29	1 25	22 58	0 12	22 9	0 38	20 2	17 1	19 50	19 40	21 19			n.a.
F 11	22 18	19 43	0 4	21 57	1 34	17 22	0 42	27 4	3 35	4 22	1 26	21 30	1 25	22 58	0 12	22 9	0 38	20 2	17 1	19 50	19 40	21 19			n.a.
S 12	22 27	21 2	1n 1	21 34	1 53	17 44	0 39	27 7	3 38	4 20	1 27	21 31	1 25	22 59	0 12	22 8	0 38	20 1	17 0	19 50	19 39	21 18			n.a.
S 13	22 35	21 23	2 4	21 12	2 12	18 6	0 37	27 11	3 40	4 17	1 27	21 31	1 25	22 59	0 12	22 8	0 38	20 1	17 0	19 50	19 38	21 18			n.a.
M14	22 43	20 48	3 1	20 49	2 29	18 28	0 34	27 14	3 43	4 15	1 27	21 32	1 26	22 59	0 12	22 8	0 38	20 1	17 0	19 49	19 37	21 17			n.a.
T 15	22 51	19 18	3 50	20 27	2 45	18 49	0 32	27 18	3 45	4 12	1 27	21 33	1 26	23 0	0 12	22 7	0 38	20 0	16 59	19 49	19 37	21 17			n.a.
W16	22 58	16 57	4 30	20 5	2 59	19 9	0 29	27 21	3 47	4 10	1 28	21 34	1 26	23 0	0 12	22 7	0 38	20 0	16 59	19 48	19 36	21 16			n.a.
T 17	23 5	13 53	4 58	19 45	3 11	19 29	0 27	27 25	3 49	4 8	1 28	21 34	1 26	23 1	0 12	22 7	0 38	20 0	16 59	19 47	19 35	21 16			n.a.
F 18	23 11	10 12	5 13	19 26	3 20	19 49	0 24	27 28	3 52	4 6	1 28	21 35	1 27	23 1	0 12	22 6	0 38	19 59	16 58	19 47	19 34	21 15			n.a.
S 19	23 17	6 2	5 14	19 10	3 27	20 8	0 22	27 31	3 54	4 4	1 28	21 36	1 27	23 2	0 12	22 6	0 38	19 59	16 58	19 46	19 34	21 15			n.a.
S 20	23 22	1 32	5 1	18 56	3 32	20 26	0 19	27 34	3 56	4 2	1 29	21 37	1 27	23 2	0 12	22 6	0 38	19 59	16 57	19 46	19 33	21 14			n.a.
M21	23 27	3n10	4 31	18 45	3 35	20 44	0 17	27 37	3 58	4 0	1 29	21 38	1 27	23 3	0 12	22 5	0 38	19 58	16 57	19 46	19 32	21 14			n.a.
T 22	23 31	7 53	3 47	18 36	3 35	21 1	0 14	27 40	4 0	3 58	1 29	21 39	1 27	23 3	0 12	22 5	0 38	19 58	16 57	19 46	19 31	21 13			n.a.
W23	23 35	12 21	2 48	18 31	3 33	21 17	0 12	27 43	4 2	3 56	1 29	21 40	1 28	23 3	0 12	22 5	0 38	19 57	16 56	19 47	19 30	21 13			n.a.
T 24	23 39	16 16	1 37	18 28	3 30	21 33	0 9	27 46	4 3	3 55	1 30	21 40	1 28	23 4	0 12	22 4	0 38	19 57	16 56	19 47	19 30	21 12			n.a.
F 25	23 42	19 17	0 18	18 28	3 25	21 48	0 7	27 49	4 5	3 53	1 30	21 41	1 28	23 4	0 12	22 4	0 38	19 57	16 56	19 47	19 29	21 12			n.a.
S 26	23 44	21 3	1s 4	18 31	3 18	22 3	0 4	27 51	4 7	3 51	1 30	21 42	1 28	23 5	0 12	22 4	0 38	19 56	16 55	19 47	19 28	21 11			n.a.
S 27	23 46	21 18	2 23	18 36	3 11	22 17	0 2	27 53	4 8	3 50	1 31	21 43	1 28	23 5	0 12	22 3	0 38	19 56	16 55	19 47	19 27	21 10			n.a.
M28	23 48	19 59	3 32	18 43	3 3	22 30	0s 1	27 55	4 9	3 48	1 31	21 44	1 28	23 6	0 12	22 3	0 38	19 55	16 55	19 46	19 27	21 10			n.a.
T 29	23 49	17 15	4 25	18 52	2 54	22 43	0 3	27 57	4 11	3 47	1 31	21 45	1 29	23 6	0 12	22 2	0 38	19 55	16 54	19 45	19 26	21 9			n.a.
W30	23 49	13 25	4 58	19 3	2 45	22 55	0 6	27 59	4 12	3 46	1 31	21 46	1 29	23 6	0 12	22 2	0 38	19 54	16 54	19 44	19 25	21 9			n.a.
T 31	23s50	8n54	5s12	19s16	2n35	23s 6	0s 8	28n 1	4n13	3n44	1n32	21n47	1n29	23s 7	0s12	22s 2	0s38	19s54	16s53	19s43	19s24	21s 8			n.a.

Julian Day Number = 1314138.5, Delta T = 07h38m52s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'05, Lahiri = -19°21'04 Julian Calendar 1 Dec. 1116 BCE == Greg. Calendar 20 Nov. 1116 BCE

The year -1115 astronomical counting style corresponds to year 1116 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

JANUARY 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 59 38	1♉15'05	7♍46	7♐14	16♐17	2°R16	24♍15	0°R34	14♐37	25♉24	18♓53	26°R33	25♏17	26♐ 4	n.a.	F 1
S 2	6 3 34	2°15'50	21°17	7°43	17°31	1♋52	24°19	0♌31	14°40	25°26	18°54	26♏30	25°14	26°11	n.a.	S 2
S 3	6 7 31	3°16'33	4♎22	8°17	18°46	1°28	24°22	0°27	14°44	25°28	18°54	26°D30	25°10	26°18	n.a.	S 3
M 4	6 11 28	4°17'15	17° 2	8°55	20° 1	1° 4	24°25	0°23	14°47	25°31	18°55	26°31	25° 7	26°24	n.a.	M 4
T 5	6 15 24	5°17'55	29°23	9°38	21°16	0°40	24°28	0°19	14°51	25°33	18°55	26°32	25° 4	26°31	n.a.	T 5
W 6	6 19 21	6°18'34	11♏29	10°24	22°31	0°16	24°30	0°15	14°54	25°35	18°56	26°34	25° 1	26°38	n.a.	W 6
T 7	6 23 17	7°19'12	23°25	11°15	23°46	29♊53	24°33	0°11	14°57	25°37	18°56	26°R35	24°58	26°44	n.a.	T 7
F 8	6 27 14	8°19'49	5♑15	12° 9	25° 1	29°30	24°35	0° 6	15° 1	25°39	18°57	26°34	24°54	26°51	n.a.	F 8
S 9	6 31 10	9°20'23	17° 3	13° 5	26°16	29° 7	24°37	0° 2	15° 4	25°42	18°57	26°32	24°51	26°58	n.a.	S 9
S 10	6 35 7	10°20'57	28°50	14° 5	27°31	28°44	24°39	29♋58	15° 7	25°44	18°58	26°27	24°48	27° 4	n.a.	S 10
M11	6 39 3	11°21'28	10♉40	15° 7	28°46	28°22	24°41	29°53	15°11	25°46	18°59	26°21	24°45	27°11	n.a.	M11
T 12	6 43 0	12°21'58	22°35	16°12	0♉ 0	28° 0	24°42	29°49	15°14	25°48	18°59	26°13	24°42	27°18	n.a.	T 12
W13	6 46 57	13°22'26	4♒35	17°19	1°15	27°38	24°44	29°45	15°17	25°50	19° 0	26° 3	24°39	27°24	n.a.	W13
T 14	6 50 53	14°22'52	16°43	18°28	2°30	27°17	24°45	29°40	15°20	25°53	19° 1	25°54	24°35	27°31	n.a.	T 14
F 15	6 54 50	15°23'16	28°59	19°39	3°45	26°57	24°46	29°36	15°24	25°55	19° 1	25°45	24°32	27°38	n.a.	F 15
S 16	6 58 46	16°23'37	11♓26	20°51	5° 0	26°37	24°47	29°31	15°27	25°57	19° 2	25°38	24°29	27°45	n.a.	S 16
S 17	7 2 43	17°23'57	24° 7	22° 6	6°14	26°18	24°47	29°26	15°30	25°59	19° 3	25°33	24°26	27°51	n.a.	S 17
M18	7 6 39	18°24'15	7♈ 3	23°22	7°29	25°59	24°48	29°22	15°33	26° 2	19° 3	25°30	24°23	27°58	n.a.	M18
T 19	7 10 36	19°24'30	20°18	24°40	8°44	25°41	24°48	29°17	15°36	26° 4	19° 4	25°D29	24°20	28° 5	n.a.	T 19
W20	7 14 32	20°24'43	3♉54	25°59	9°59	25°23	24°R48	29°13	15°39	26° 6	19° 5	25°30	24°16	28°11	n.a.	W20
T 21	7 18 29	21°24'54	17°54	27°20	11°13	25° 7	24°48	29° 8	15°42	26° 8	19° 6	25°31	24°13	28°18	n.a.	T 21
F 22	7 22 25	22°25'03	2♊17	28°42	12°28	24°50	24°47	29° 3	15°45	26°11	19° 7	25°R31	24°10	28°25	n.a.	F 22
S 23	7 26 22	23°25'09	17° 2	0♉ 6	13°43	24°35	24°47	28°58	15°48	26°13	19° 7	25°29	24° 7	28°31	n.a.	S 23
S 24	7 30 19	24°25'14	2♋ 3	1°30	14°57	24°21	24°46	28°54	15°51	26°15	19° 8	25°25	24° 4	28°38	n.a.	S 24
M25	7 34 15	25°25'16	17°13	2°56	16°12	24° 7	24°45	28°49	15°54	26°18	19° 9	25°18	24° 0	28°45	n.a.	M25
T 26	7 38 12	26°25'16	2♌22	4°24	17°27	23°53	24°44	28°44	15°57	26°20	19°10	25° 9	23°57	28°51	n.a.	T 26
W27	7 42 8	27°25'14	17°20	5°52	18°41	23°41	24°43	28°40	16° 0	26°22	19°11	24°59	23°54	28°58	n.a.	W27
T 28	7 46 5	28°25'10	1♍57	7°22	19°56	23°30	24°41	28°35	16° 3	26°24	19°12	24°50	23°51	29° 5	n.a.	T 28
F 29	7 50 1	29°25'04	16° 7	8°53	21°11	23°19	24°40	28°30	16° 6	26°27	19°13	24°41	23°48	29°11	n.a.	F 29
S 30	7 53 58	0♒24'56	29°47	10°25	22°25	23° 9	24°38	28°25	16° 8	26°29	19°14	24°35	23°45	29°18	n.a.	S 30
S 31	7 57 54	1♒24'47	12♎58	11♉58	23♉40	22♊59	24♍36	28♋21	16♐11	26♉31	19♓15	24♏31	23♏41	29♐25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	4n 3	5s 7	19s30	2n25	23s17	0s11	28n 2	4n14	3n43	1n32	21n48	1n29	23s 7	0s12	22s 1	0s38	19s53	16s53	19s42	19s24	21s 8		n.a.
S 2	23 48	0s50	4 44	19 45	2 14	23 27	0 13	28 4	4 15	3 42	1 32	21 49	1 29	23 8	0 12	22 1	0 38	19 53	16 53	19 41	19 23	21 7		n.a.
S 3	23 47	5 32	4 7	20 0	2 4	23 36	0 15	28 5	4 16	3 41	1 32	21 50	1 30	23 8	0 12	22 0	0 38	19 52	16 52	19 41	19 22	21 7		n.a.
M 4	23 45	9 51	3 19	20 17	1 53	23 44	0 18	28 6	4 17	3 40	1 33	21 51	1 30	23 8	0 12	22 0	0 38	19 52	16 52	19 41	19 21	21 6		n.a.
T 5	23 43	13 39	2 23	20 34	1 43	23 52	0 20	28 7	4 17	3 39	1 33	21 52	1 30	23 9	0 12	22 0	0 38	19 51	16 52	19 42	19 20	21 5		n.a.
W 6	23 40	16 48	1 21	20 51	1 32	23 59	0 23	28 7	4 18	3 38	1 33	21 53	1 30	23 9	0 12	21 59	0 38	19 51	16 51	19 42	19 20	21 5		n.a.
T 7	23 37	19 12	0 17	21 9	1 22	24 5	0 25	28 8	4 18	3 38	1 34	21 54	1 30	23 10	0 12	21 59	0 38	19 50	16 51	19 42	19 19	21 4		n.a.
F 8	23 34	20 45	0n47	21 26	1 11	24 11	0 27	28 8	4 18	3 37	1 34	21 55	1 30	23 10	0 12	21 58	0 38	19 50	16 51	19 42	19 18	21 4		n.a.
S 9	23 29	21 23	1 49	21 44	1 1	24 16	0 29	28 8	4 19	3 36	1 34	21 57	1 30	23 10	0 12	21 58	0 38	19 49	16 50	19 42	19 17	21 3		n.a.
S 10	23 25	21 3	2 46	22 1	0 51	24 20	0 32	28 8	4 19	3 36	1 34	21 58	1 31	23 11	0 12	21 58	0 38	19 49	16 50	19 41	19 16	21 2		n.a.
M11	23 20	19 48	3 36	22 18	0 41	24 23	0 34	28 8	4 19	3 35	1 35	21 59	1 31	23 11	0 12	21 57	0 38	19 48	16 50	19 39	19 16	21 2		n.a.
T 12	23 14	17 41	4 16	22 35	0 31	24 26	0 36	28 7	4 19	3 35	1 35	22 0	1 31	23 12	0 12	21 57	0 38	19 47	16 49	19 37	19 15	21 1		n.a.
W13	23 8	14 48	4 46	22 51	0 22	24 27	0 38	28 7	4 18	3 35	1 35	22 1	1 31	23 12	0 12	21 56	0 38	19 47	16 49	19 35	19 14	21 1		n.a.
T 14	23 2	11 16	5 3	23 7	0 12	24 29	0 40	28 6	4 18	3 35	1 35	22 2	1 31	23 12	0 12	21 56	0 38	19 46	16 49	19 32	19 13	21 0		n.a.
F 15	22 55	7 14	5 7	23 22	0 3	24 29	0 42	28 5	4 18	3 34	1 36	22 3	1 31	23 13	0 12	21 56	0 38	19 46	16 48	19 30	19 13	20 59		n.a.
S 16	22 48	2 50	4 56	23 36	0s 6	24 28	0 45	28 4	4 17	3 34	1 36	22 4	1 31	23 13	0 12	21 55	0 38	19 45	16 48	19 29	19 12	20 59		n.a.
S 17	22 40	1n45	4 30	23 49	0 14	24 27	0 47	28 3	4 17	3 34	1 36	22 5	1 32	23 13	0 12	21 55	0 38	19 45	16 48	19 27	19 11	20 58		n.a.
M18	22 32	6 21	3 50	24 2	0 23	24 25	0 49	28 2	4 16	3 34	1 37	22 6	1 32	23 14	0 12	21 54	0 38	19 44	16 47	19 27	19 10	20 58		n.a.
T 19	22 24	10 47	2 58	24 14	0 31	24 22	0 50	28 0	4 15	3 35	1 37	22 8	1 32	23 14	0 12	21 54	0 38	19 43	16 47	19 27	19 9	20 57		n.a.
W20	22 15	14 48	1 53	24 24	0 38	24 19	0 52	27 59	4 14	3 35	1 37	22 9	1 32	23 14	0 12	21 53	0 38	19 43	16 47	19 27	19 9	20 56		n.a.
T 21	22 5	18 6	0 41	24 34	0 46	24 15	0 54	27 57	4 13	3 35	1 37	22 10	1 32	23 15	0 12	21 53	0 38	19 42	16 46	19 27	19 8	20 56		n.a.
F 22	21 56	20 22	0s36	24 42	0 53	24 10	0 56	27 56	4 13	3 36	1 38	22 11	1 32	23 15	0 12	21 53	0 38	19 42	16 46	19 27	19 7	20 55		n.a.
S 23	21 45	21 19	1 53	24 50	1 0	24 4	0 58	27 54	4 11	3 36	1 38	22 12	1 32	23 16	0 12	21 52	0 38	19 41	16 46	19 27	19 6	20 54		n.a.
S 24	21 35	20 46	3 3	24 56	1 7	23 57	0 59	27 52	4 10	3 37	1 38	22 13	1 32	23 16	0 12	21 52	0 38	19 40	16 46	19 25	19 5	20 54		n.a.
M25	21 24	18 44	4 0	25 1	1 13	23 50	1 1	27 51	4 9	3 37	1 38	22 14	1 33	23 16	0 12	21 51	0 38	19 40	16 45	19 24	19 5	20 53		n.a.
T 26	21 13	15 24	4 41	25 4	1 19	23 42	1 3	27 49	4 8	3 38	1 39	22 15	1 33	23 16	0 12	21 51	0 38	19 39	16 45	19 22	19 4	20 52		n.a.
W27	21 1	11 6	5 1	25 6	1 25	23 34	1 4	27 47	4 7	3 39	1 39	22 16	1 33	23 17	0 12	21 50	0 38	19 39	16 45	19 19	19 3	20 52		n.a.
T 28	20 49	6 16	5 2	25 7	1 30	23 24	1 6	27 45	4 5	3 39	1 39	22 17	1 33	23 17	0 12	21 50	0 38	19 38	16 44	19 17	19 2	20 51		n.a.
F 29	20 36	1 13	4 43	25 7	1 35	23 14	1 7	27 43	4 4	3 40	1 40	22 19	1 33	23 17	0 12	21 50	0 38	19 37	16 44	19 15	19 1	20 50		n.a.
S 30	20 23	3s43	4 9	25 4	1 40	23 3	1 9	27 41	4 3	3 41	1 40	22 20	1 33	23 18	0 12	21 49	0 38	19 37	16 44	19 13	19 1	20 50		n.a.
S 31	20s10	8s18	3s22	25s 1	1s44	22s52	1s10	27n39	4n 1	3n42	1n40	22n21	1n33	23s18	0s12	21s49	0s38	19s36	16s44	19s12	19s 0	20s49		n.a.

Julian Day Number = 1314169.5, Delta T = 07h38m50s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°28'01, Lahiri = -19°21'00 Julian Calendar 1 Jan. 1115 BCE == Greg. Calendar 21 Dec. 1116 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

FEBRUARY 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 1 51	2♒24'35	25♎43	13♑33	24♑54	22°R51	24°R34	28°R16	16♐14	26♑33	19♓16	24°R30	23♏38	29♐31	n.a.	M 1
T 2	8 5 48	3°24'22	8♏ 6	15° 9	26° 9	22♊43	24♍31	28♋11	16°16	26°36	19°17	24°D30	23°35	29°38	n.a.	T 2
W 3	8 9 44	4°24'07	20°12	16°45	27°24	22°36	24°29	28° 6	16°19	26°38	19°18	24°R30	23°32	29°45	n.a.	W 3
T 4	8 13 41	5°23'50	2♐ 6	18°23	28°38	22°30	24°26	28° 2	16°22	26°40	19°19	24♏30	23°29	29°51	n.a.	T 4
F 5	8 17 37	6°23'31	13°54	20° 3	29°53	22°25	24°23	27°57	16°24	26°42	19°20	24°28	23°25	29°58	n.a.	F 5
S 6	8 21 34	7°23'10	25°41	21°43	1♒ 7	22°20	24°20	27°52	16°27	26°45	19°21	24°24	23°22	0♑ 5	n.a.	S 6
S 7	8 25 30	8°22'47	7♑30	23°25	2°22	22°16	24°17	27°48	16°29	26°47	19°22	24°17	23°19	0°11	n.a.	S 7
M 8	8 29 27	9°22'23	19°24	25° 8	3°36	22°13	24°13	27°43	16°32	26°49	19°23	24° 7	23°16	0°18	n.a.	M 8
T 9	8 33 23	10°21'56	1♒26	26°52	4°51	22°11	24° 9	27°38	16°34	26°51	19°24	23°55	23°13	0°25	n.a.	T 9
W10	8 37 20	11°21'27	13°37	28°37	6° 5	22°10	24° 6	27°34	16°37	26°54	19°25	23°41	23°10	0°31	n.a.	W10
T 11	8 41 17	12°20'55	25°58	0♒24	7°20	22°D 9	24° 2	27°29	16°39	26°56	19°26	23°27	23° 6	0°38	n.a.	T 11
F 12	8 45 13	13°20'22	8♓29	2°12	8°34	22° 9	23°57	27°25	16°41	26°58	19°28	23°15	23° 3	0°45	n.a.	F 12
S 13	8 49 10	14°19'46	21°11	4° 1	9°49	22°10	23°53	27°20	16°44	27° 0	19°29	23° 4	23° 0	0°51	n.a.	S 13
S 14	8 53 6	15°19'08	4♈ 4	5°51	11° 3	22°11	23°49	27°16	16°46	27° 2	19°30	22°55	22°57	0°58	n.a.	S 14
M15	8 57 3	16°18'27	17° 9	7°43	12°17	22°14	23°44	27°12	16°48	27° 5	19°31	22°50	22°54	1° 5	n.a.	M15
T 16	9 0 59	17°17'44	0♉28	9°36	13°32	22°16	23°39	27° 7	16°50	27° 7	19°32	22°48	22°51	1°11	n.a.	T 16
W17	9 4 56	18°16'58	14° 2	11°30	14°46	22°20	23°34	27° 3	16°52	27° 9	19°34	22°47	22°47	1°18	n.a.	W17
T 18	9 8 52	19°16'10	27°53	13°26	16° 1	22°24	23°29	26°59	16°55	27°11	19°35	22°47	22°44	1°25	n.a.	T 18
F 19	9 12 49	20°15'20	12♊ 1	15°23	17°15	22°30	23°24	26°55	16°57	27°13	19°36	22°46	22°41	1°31	n.a.	F 19
S 20	9 16 45	21°14'27	26°27	17°21	18°29	22°35	23°19	26°51	16°59	27°15	19°37	22°44	22°38	1°38	n.a.	S 20
S 21	9 20 42	22°13'32	11♋ 6	19°20	19°44	22°42	23°13	26°46	17° 1	27°18	19°38	22°38	22°35	1°45	n.a.	S 21
M22	9 24 39	23°12'34	25°55	21°20	20°58	22°48	23° 7	26°42	17° 2	27°20	19°40	22°30	22°31	1°51	n.a.	M22
T 23	9 28 35	24°11'34	10♌45	23°22	22°12	22°56	23° 2	26°39	17° 4	27°22	19°41	22°20	22°28	1°58	n.a.	T 23
W24	9 32 32	25°10'32	25°29	25°24	23°26	23° 4	22°56	26°35	17° 6	27°24	19°42	22° 9	22°25	2° 5	n.a.	W24
T 25	9 36 28	26° 9'27	9♍58	27°27	24°41	23°13	22°50	26°31	17° 8	27°26	19°44	21°57	22°22	2°11	n.a.	T 25
F 26	9 40 25	27° 8'20	24° 4	29°31	25°55	23°23	22°44	26°27	17°10	27°28	19°45	21°47	22°19	2°18	n.a.	F 26
S 27	9 44 21	28° 7'12	7♎45	1♓35	27° 9	23°32	22°37	26°23	17°11	27°30	19°46	21°39	22°16	2°25	n.a.	S 27
S 28	9 48 18	29♒ 6'01	20♎59	3♓40	28♒23	23♊43	22♍31	26♋20	17♐13	27♑32	19♓47	21♏33	22♏12	2♑31	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	19s56	12s22	2s27	24s55	1s48	22s40	1s11	27n37	4n 0	3n43	1n40	22n22	1n33	23s18	0s12	21s48	0s38	19s35	16s43	19s12	18s59	20s48		n.a.	M 1
T 2	19 42	15 47	1 26	24 48	1 52	22 27	1 13	27 35	3 58	3 45	1 41	22 23	1 33	23 19	0 12	21 48	0 38	19 35	16 43	19 12	18 58	20 48		n.a.	T 2
W 3	19 28	18 27	0 23	24 40	1 55	22 13	1 14	27 33	3 57	3 46	1 41	22 24	1 33	23 19	0 12	21 47	0 38	19 34	16 43	19 12	18 57	20 47		n.a.	W 3
T 4	19 14	20 15	0n40	24 29	1 58	21 59	1 15	27 31	3 55	3 47	1 41	22 25	1 33	23 19	0 12	21 47	0 38	19 33	16 42	19 12	18 57	20 46		n.a.	T 4
F 5	18 59	21 10	1 41	24 17	2 0	21 44	1 16	27 29	3 54	3 49	1 41	22 26	1 33	23 20	0 12	21 47	0 38	19 33	16 42	19 12	18 56	20 45		n.a.	F 5
S 6	18 43	21 8	2 38	24 3	2 2	21 29	1 17	27 28	3 52	3 50	1 42	22 27	1 33	23 20	0 12	21 46	0 38	19 32	16 42	19 10	18 55	20 45		n.a.	S 6
S 7	18 28	20 10	3 27	23 48	2 4	21 13	1 18	27 26	3 50	3 52	1 42	22 28	1 34	23 20	0 12	21 46	0 38	19 31	16 42	19 9	18 54	20 44		n.a.	S 7
M 8	18 12	18 18	4 8	23 30	2 5	20 56	1 19	27 24	3 49	3 53	1 42	22 29	1 34	23 20	0 13	21 45	0 38	19 31	16 42	19 6	18 53	20 43		n.a.	M 8
T 9	17 56	15 38	4 38	23 11	2 6	20 39	1 20	27 22	3 47	3 55	1 42	22 30	1 34	23 21	0 13	21 45	0 38	19 30	16 41	19 3	18 53	20 43		n.a.	T 9
W10	17 39	12 17	4 56	22 50	2 6	20 21	1 20	27 20	3 45	3 57	1 42	22 31	1 34	23 21	0 13	21 44	0 38	19 29	16 41	19 0	18 52	20 42		n.a.	W10
T 11	17 22	8 22	5 0	22 26	2 6	20 3	1 21	27 18	3 44	3 59	1 43	22 32	1 34	23 21	0 13	21 44	0 38	19 29	16 41	18 56	18 51	20 41		n.a.	T 11
F 12	17 5	4 3	4 50	22 1	2 5	19 44	1 22	27 17	3 42	4 0	1 43	22 33	1 34	23 21	0 13	21 44	0 38	19 28	16 41	18 53	18 50	20 40		n.a.	F 12
S 13	16 48	0n30	4 26	21 34	2 4	19 24	1 22	27 15	3 40	4 2	1 43	22 34	1 34	23 22	0 13	21 43	0 38	19 27	16 40	18 50	18 49	20 40		n.a.	S 13
S 14	16 30	5 6	3 47	21 5	2 2	19 4	1 23	27 13	3 38	4 4	1 43	22 35	1 34	23 22	0 13	21 43	0 38	19 27	16 40	18 48	18 48	20 39		n.a.	S 14
M15	16 12	9 33	2 56	20 34	2 0	18 43	1 23	27 12	3 37	4 6	1 44	22 35	1 34	23 22	0 13	21 42	0 38	19 26	16 40	18 47	18 48	20 38		n.a.	M15
T 16	15 54	13 37	1 55	20 1	1 57	18 22	1 24	27 10	3 35	4 9	1 44	22 36	1 34	23 22	0 13	21 42	0 38	19 25	16 40	18 46	18 47	20 37		n.a.	T 16
W17	15 36	17 2	0 46	19 26	1 54	18 0	1 24	27 9	3 33	4 11	1 44	22 37	1 34	23 23	0 13	21 42	0 38	19 25	16 40	18 46	18 46	20 37		n.a.	W17
T 18	15 17	19 34	0s27	18 49	1 50	17 38	1 24	27 7	3 31	4 13	1 44	22 38	1 34	23 23	0 13	21 41	0 38	19 24	16 39	18 46	18 45	20 36		n.a.	T 18
F 19	14 58	20 57	1 40	18 10	1 46	17 15	1 25	27 6	3 30	4 15	1 44	22 39	1 34	23 23	0 13	21 41	0 38	19 23	16 39	18 46	18 44	20 35		n.a.	F 19
S 20	14 39	20 59	2 48	17 29	1 41	16 52	1 25	27 4	3 28	4 18	1 44	22 40	1 34	23 23	0 13	21 40	0 38	19 23	16 39	18 45	18 44	20 34		n.a.	S 20
S 21	14 20	19 36	3 46	16 46	1 35	16 29	1 25	27 3	3 26	4 20	1 45	22 41	1 34	23 23	0 13	21 40	0 38	19 22	16 39	18 44	18 43	20 34		n.a.	S 21
M22	14 0	16 54	4 29	16 1	1 29	16 5	1 25	27 2	3 24	4 22	1 45	22 41	1 34	23 24	0 13	21 40	0 38	19 22	16 39	18 42	18 42	20 33		n.a.	M22
T 23	13 40	13 6	4 54	15 15	1 22	15 40	1 25	27 0	3 23	4 25	1 45	22 42	1 34	23 24	0 13	21 39	0 38	19 21	16 39	18 39	18 41	20 32		n.a.	T 23
W24	13 20	8 32	5 0	14 26	1 15	15 15	1 25	26 59	3 21	4 27	1 45	22 43	1 34	23 24	0 13	21 39	0 38	19 20	16 38	18 36	18 40	20 31		n.a.	W24
T 25	13 0	3 33	4 46	13 36	1 7	14 50	1 25	26 58	3 19	4 30	1 45	22 44	1 34	23 24	0 13	21 38	0 39	19 20	16 38	18 33	18 39	20 30		n.a.	T 25
F 26	12 40	1s30	4 15	12 45	0 59	14 24	1 24	26 56	3 17	4 32	1 45	22 44	1 34	23 24	0 13	21 38	0 39	19 19	16 38	18 30	18 39	20 30		n.a.	F 26
S 27	12 19	6 19	3 29	11 52	0 50	13 58	1 24	26 55	3 16	4 35	1 46	22 45	1 34	23 25	0 13	21 38	0 39	19 18	16 38	18 28	18 38	20 29		n.a.	S 27
S 28	11s58	10s41	2s34	10s57	0s41	13s32	1s24	26n54	3n14	4n38	1n46	22n46	1n34	23s25	0s13	21s37	0s39	19s18	16s38	18s27	18s37	20s28		n.a.	S 28

Julian Day Number = 1314200.5, Delta T = 07h38m48s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'56, Lahiri = -19°20'56 Julian Calendar 1 Feb. 1115 BCE == Greg. Calendar 21 Jan. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

MARCH 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 52 14	0♓ 4'48	3♏48	5♓45	29♒38	23♊54	22°R24	26°R16	17♐15	27♑34	19♓49	21°R30	22♏ 9	2♑38	n.a.	M 1
T 2	9 56 11	1° 3'34	16°14	7°49	0♓52	24° 6	22♍18	26♋13	17°16	27°36	19°50	21♏29	22° 6	2°45	n.a.	T 2
W 3	10 0 7	2° 2'18	28°23	9°53	2° 6	24°18	22°11	26° 9	17°18	27°38	19°51	21°29	22° 3	2°52	n.a.	W 3
T 4	10 4 4	3° 1'00	10♐19	11°57	3°20	24°31	22° 4	26° 6	17°19	27°40	19°53	21°29	22° 0	2°58	n.a.	T 4
F 5	10 8 1	3°59'40	22° 9	13°59	4°34	24°44	21°58	26° 3	17°21	27°42	19°54	21°28	21°57	3° 5	n.a.	F 5
S 6	10 11 57	4°58'18	3♑58	16° 0	5°49	24°58	21°51	26° 0	17°22	27°44	19°55	21°24	21°53	3°12	n.a.	S 6
S 7	10 15 54	5°56'55	15°50	17°59	7° 3	25°12	21°44	25°56	17°23	27°46	19°57	21°18	21°50	3°18	n.a.	S 7
M 8	10 19 50	6°55'29	27°49	19°56	8°17	25°27	21°36	25°53	17°25	27°47	19°58	21°10	21°47	3°25	n.a.	M 8
T 9	10 23 47	7°54'02	9♒59	21°50	9°31	25°42	21°29	25°51	17°26	27°49	19°59	20°59	21°44	3°32	n.a.	T 9
W10	10 27 43	8°52'32	22°21	23°42	10°45	25°57	21°22	25°48	17°27	27°51	20° 1	20°47	21°41	3°38	n.a.	W10
T 11	10 31 40	9°51'01	4♓56	25°30	11°59	26°14	21°15	25°45	17°28	27°53	20° 2	20°34	21°37	3°45	n.a.	T 11
F 12	10 35 36	10°49'28	17°45	27°15	13°13	26°30	21° 7	25°42	17°29	27°55	20° 3	20°22	21°34	3°52	n.a.	F 12
S 13	10 39 33	11°47'52	0♈46	28°57	14°27	26°47	21° 0	25°40	17°30	27°56	20° 5	20°12	21°31	3°58	n.a.	S 13
S 14	10 43 29	12°46'15	14° 0	0♈35	15°41	27° 5	20°52	25°37	17°31	27°58	20° 6	20° 5	21°28	4° 5	n.a.	S 14
M15	10 47 26	13°44'35	27°24	2° 8	16°55	27°23	20°45	25°35	17°32	28° 0	20° 8	20° 0	21°25	4°12	n.a.	M15
T 16	10 51 23	14°42'54	10♉59	3°37	18° 9	27°41	20°37	25°33	17°33	28° 2	20° 9	19°58	21°22	4°18	n.a.	T 16
W17	10 55 19	15°41'10	24°43	5° 2	19°23	28° 0	20°30	25°30	17°34	28° 3	20°10	19°D58	21°18	4°25	n.a.	W17
T 18	10 59 16	16°39'24	8♊37	6°23	20°37	28°19	20°22	25°28	17°35	28° 5	20°12	19°58	21°15	4°32	n.a.	T 18
F 19	11 3 12	17°37'36	22°41	7°38	21°51	28°38	20°14	25°26	17°35	28° 7	20°13	19°R59	21°12	4°38	n.a.	F 19
S 20	11 7 9	18°35'46	6♋54	8°49	23° 5	28°58	20° 7	25°24	17°36	28° 8	20°15	19°57	21° 9	4°45	n.a.	S 20
S 21	11 11 5	19°33'53	21°15	9°55	24°19	29°18	19°59	25°22	17°37	28°10	20°16	19°54	21° 6	4°52	n.a.	S 21
M22	11 15 2	20°31'59	5♌39	10°56	25°33	29°39	19°51	25°21	17°37	28°11	20°17	19°48	21° 2	4°58	n.a.	M22
T 23	11 18 58	21°30'02	20° 3	11°52	26°47	29°59	19°44	25°19	17°38	28°13	20°19	19°40	20°59	5° 5	n.a.	T 23
W24	11 22 55	22°28'03	4♍21	12°43	28° 1	0♋21	19°36	25°18	17°38	28°14	20°20	19°31	20°56	5°12	n.a.	W24
T 25	11 26 52	23°26'02	18°27	13°29	29°15	0°43	19°28	25°16	17°39	28°16	20°21	19°22	20°53	5°19	n.a.	T 25
F 26	11 30 48	24°24'00	2♎17	14°10	0♈29	1° 5	19°21	25°15	17°39	28°17	20°23	19°14	20°50	5°25	n.a.	F 26
S 27	11 34 45	25°21'56	15°46	14°45	1°42	1°27	19°13	25°14	17°40	28°19	20°24	19° 7	20°47	5°32	n.a.	S 27
S 28	11 38 41	26°19'50	28°53	15°15	2°56	1°50	19° 6	25°12	17°40	28°20	20°26	19° 3	20°43	5°39	n.a.	S 28
M29	11 42 38	27°17'42	11♏39	15°40	4°10	2°12	18°58	25°11	17°40	28°22	20°27	19° 1	20°40	5°45	n.a.	M29
T 30	11 46 34	28°15'34	24° 5	15°59	5°24	2°36	18°51	25°10	17°40	28°23	20°28	19°D 1	20°37	5°52	n.a.	T 30
W31	11 50 31	29♓13'24	6♐15	16♈14	6♈38	2♋59	18♍43	25♋10	17♐40	28♑24	20♓30	19♏ 2	20♏34	5♑59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	11s37	14s26	1s32	10s 2	0s31	13s 5	1s23	26n53	3n12	4n41	1n46	22n47	1n34	23s25	0s13	21s37	0s39	19s17	16s38	18s26	18s36	20s27			n.a.
T 2	11 16	17 24	0 28	9 5	0 21	12 38	1 23	26 52	3 10	4 43	1 46	22 47	1 34	23 25	0 13	21 36	0 39	19 16	16 37	18 26	18 35	20 26			n.a.
W 3	10 55	19 32	0n37	8 8	0 10	12 11	1 22	26 51	3 9	4 46	1 46	22 48	1 34	23 25	0 13	21 36	0 39	19 16	16 37	18 26	18 34	20 26			n.a.
T 4	10 34	20 44	1 38	7 11	0n 1	11 43	1 22	26 49	3 7	4 49	1 46	22 48	1 34	23 26	0 13	21 36	0 39	19 15	16 37	18 26	18 34	20 25			n.a.
F 5	10 12	21 1	2 35	6 13	0 12	11 15	1 21	26 48	3 5	4 52	1 46	22 49	1 34	23 26	0 13	21 35	0 39	19 14	16 37	18 25	18 33	20 24			n.a.
S 6	9 50	20 21	3 25	5 15	0 24	10 46	1 20	26 47	3 4	4 55	1 46	22 50	1 34	23 26	0 13	21 35	0 39	19 14	16 37	18 24	18 32	20 23			n.a.
S 7	9 29	18 48	4 6	4 17	0 35	10 18	1 20	26 46	3 2	4 58	1 47	22 50	1 34	23 26	0 13	21 35	0 39	19 13	16 37	18 23	18 31	20 22			n.a.
M 8	9 7	16 24	4 37	3 20	0 47	9 49	1 19	26 45	3 0	5 0	1 47	22 51	1 34	23 26	0 13	21 34	0 39	19 12	16 37	18 20	18 30	20 22			n.a.
T 9	8 44	13 17	4 56	2 24	0 58	9 20	1 18	26 44	2 59	5 3	1 47	22 51	1 34	23 26	0 13	21 34	0 39	19 12	16 37	18 17	18 29	20 21			n.a.
W10	8 22	9 32	5 1	1 29	1 10	8 50	1 17	26 43	2 57	5 6	1 47	22 52	1 34	23 26	0 13	21 34	0 39	19 11	16 37	18 14	18 29	20 20			n.a.
T 11	8 0	5 20	4 52	0 35	1 21	8 21	1 16	26 42	2 55	5 9	1 47	22 52	1 34	23 27	0 13	21 33	0 39	19 11	16 37	18 11	18 28	20 19			n.a.
F 12	7 37	0 49	4 28	0n18	1 32	7 51	1 15	26 41	2 54	5 12	1 47	22 53	1 34	23 27	0 13	21 33	0 39	19 10	16 37	18 8	18 27	20 18			n.a.
S 13	7 15	3n49	3 50	1 8	1 43	7 21	1 14	26 39	2 52	5 15	1 47	22 53	1 34	23 27	0 13	21 33	0 39	19 9	16 36	18 5	18 26	20 17			n.a.
S 14	6 52	8 21	2 59	1 57	1 53	6 51	1 13	26 38	2 51	5 18	1 47	22 54	1 34	23 27	0 13	21 32	0 39	19 9	16 36	18 3	18 25	20 16			n.a.
M15	6 30	12 32	1 57	2 44	2 3	6 20	1 11	26 37	2 49	5 22	1 47	22 54	1 34	23 27	0 13	21 32	0 39	19 8	16 36	18 2	18 24	20 16			n.a.
T 16	6 7	16 7	0 48	3 28	2 12	5 50	1 10	26 36	2 48	5 25	1 47	22 54	1 34	23 27	0 13	21 32	0 39	19 8	16 36	18 1	18 24	20 15			n.a.
W17	5 44	18 51	0s25	4 10	2 20	5 19	1 9	26 35	2 46	5 28	1 47	22 55	1 33	23 27	0 13	21 31	0 39	19 7	16 36	18 1	18 23	20 14			n.a.
T 18	5 21	20 29	1 38	4 50	2 28	4 48	1 7	26 33	2 44	5 31	1 47	22 55	1 33	23 27	0 13	21 31	0 39	19 6	16 36	18 1	18 22	20 13			n.a.
F 19	4 58	20 52	2 45	5 27	2 35	4 17	1 6	26 32	2 43	5 34	1 47	22 55	1 33	23 27	0 13	21 31	0 39	19 6	16 36	18 1	18 21	20 12			n.a.
S 20	4 35	19 56	3 43	6 1	2 41	3 46	1 5	26 31	2 41	5 37	1 47	22 56	1 33	23 27	0 13	21 30	0 39	19 5	16 36	18 1	18 20	20 11			n.a.
S 21	4 12	17 43	4 28	6 33	2 47	3 15	1 3	26 29	2 40	5 40	1 47	22 56	1 33	23 28	0 13	21 30	0 39	19 5	16 36	18 0	18 19	20 10			n.a.
M22	3 49	14 23	4 56	7 1	2 52	2 44	1 1	26 28	2 38	5 43	1 47	22 56	1 33	23 28	0 13	21 30	0 39	19 4	16 36	17 58	18 18	20 10			n.a.
T 23	3 25	10 13	5 5	7 27	2 55	2 13	1 0	26 27	2 37	5 46	1 47	22 57	1 33	23 28	0 13	21 29	0 39	19 3	16 36	17 56	18 18	20 9			n.a.
W24	3 2	5 30	4 55	7 50	2 58	1 41	0 58	26 25	2 35	5 49	1 47	22 57	1 33	23 28	0 13	21 29	0 39	19 3	16 36	17 54	18 17	20 8			n.a.
T 25	2 39	0 33	4 27	8 9	3 0	1 10	0 56	26 23	2 34	5 52	1 47	22 57	1 33	23 28	0 13	21 29	0 39	19 2	16 36	17 51	18 16	20 7			n.a.
F 26	2 16	4s20	3 44	8 26	3 0	0 38	0 55	26 22	2 33	5 55	1 47	22 57	1 33	23 28	0 13	21 29	0 39	19 2	16 36	17 49	18 15	20 6			n.a.
S 27	1 52	8 53	2 49	8 40	3 0	0 7	0 53	26 20	2 31	5 58	1 47	22 57	1 33	23 28	0 13	21 28	0 39	19 1	16 36	17 47	18 14	20 5			n.a.
S 28	1 29	12 54	1 46	8 50	2 58	0n25	0 51	26 19	2 30	6 1	1 47	22 57	1 33	23 28	0 13	21 28	0 39	19 1	16 36	17 46	18 13	20 4			n.a.
M29	1 6	16 12	0 40	8 57	2 56	0 56	0 49	26 17	2 28	6 4	1 47	22 58	1 33	23 28	0 13	21 28	0 39	19 0	16 36	17 45	18 12	20 3			n.a.
T 30	0 42	18 39	0n27	9 2	2 52	1 28	0 47	26 15	2 27	6 7	1 47	22 58	1 33	23 28	0 13	21 28	0 39	19 0	16 36	17 45	18 12	20 2			n.a.
W31	0s19	20s12	1n32	9n 3	2n47	1n59	0s45	26n13	2n26	6n10	1n46	22n58	1n33	23s28	0s13	21s27	0s39	18s59	16s36	17s46	18s11	20s 1			n.a.

Julian Day Number = 1314228.5, Delta T = 07h38m47s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'53, Lahiri = -19°20'52 Julian Calendar 1 March 1115 BCE == Greg. Calendar 18 Feb. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

APRIL 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 27	0♈11'12	18♐14	16♈23	7♈51	3♋23	18°R36	25°R 9	17♐41	28♑26	20♓31	19♏ 3	20♏31	6♑ 5	n.a.	T 1
F 2	11 58 24	1° 8'59	0♑ 6	16°R26	9° 5	3°47	18♍28	25♋ 8	17°R41	28°27	20°32	19°R 4	20°28	6°12	n.a.	F 2
S 3	12 2 20	2° 6'45	11°57	16°25	10°19	4°11	18°21	25° 8	17°41	28°28	20°34	19° 3	20°24	6°19	n.a.	S 3
S 4	12 6 17	3° 4'29	23°52	16°19	11°33	4°36	18°14	25° 7	17°41	28°29	20°35	19° 1	20°21	6°25	n.a.	S 4
M 5	12 10 14	4° 2'13	5♒54	16° 8	12°46	5° 1	18° 7	25° 7	17°40	28°31	20°37	18°57	20°18	6°32	n.a.	M 5
T 6	12 14 10	4°59'54	18° 9	15°53	14° 0	5°26	18° 0	25° 7	17°40	28°32	20°38	18°51	20°15	6°39	n.a.	T 6
W 7	12 18 7	5°57'35	0♓39	15°34	15°14	5°51	17°53	25° 7	17°40	28°33	20°39	18°44	20°12	6°45	n.a.	W 7
T 8	12 22 3	6°55'14	13°26	15°11	16°27	6°17	17°46	25°D 7	17°40	28°34	20°41	18°37	20° 8	6°52	n.a.	T 8
F 9	12 26 0	7°52'52	26°30	14°45	17°41	6°43	17°39	25° 7	17°39	28°35	20°42	18°30	20° 5	6°59	n.a.	F 9
S 10	12 29 56	8°50'29	9♈52	14°16	18°55	7° 9	17°32	25° 7	17°39	28°36	20°43	18°24	20° 2	7° 5	n.a.	S 10
S 11	12 33 53	9°48'04	23°28	13°45	20° 8	7°36	17°26	25° 7	17°39	28°37	20°45	18°20	19°59	7°12	n.a.	S 11
M12	12 37 49	10°45'38	7♉17	13°12	21°22	8° 2	17°19	25° 8	17°38	28°38	20°46	18°18	19°56	7°19	n.a.	M12
T 13	12 41 46	11°43'10	21°15	12°38	22°36	8°29	17°13	25° 8	17°38	28°39	20°47	18°D18	19°53	7°26	n.a.	T 13
W14	12 45 43	12°40'41	5♊21	12° 3	23°49	8°56	17° 6	25° 9	17°37	28°40	20°49	18°18	19°49	7°32	n.a.	W14
T 15	12 49 39	13°38'11	19°31	11°29	25° 3	9°24	17° 0	25° 9	17°37	28°41	20°50	18°20	19°46	7°39	n.a.	T 15
F 16	12 53 36	14°35'39	3♋42	10°55	26°17	9°51	16°54	25°10	17°36	28°42	20°51	18°21	19°43	7°46	n.a.	F 16
S 17	12 57 32	15°33'05	17°54	10°22	27°30	10°19	16°48	25°11	17°35	28°43	20°52	18°R21	19°40	7°52	n.a.	S 17
S 18	13 1 29	16°30'30	2♌ 5	9°51	28°44	10°47	16°42	25°12	17°35	28°43	20°54	18°21	19°37	7°59	n.a.	S 18
M19	13 5 25	17°27'53	16°11	9°22	29°57	11°15	16°36	25°13	17°34	28°44	20°55	18°18	19°34	8° 6	n.a.	M19
T 20	13 9 22	18°25'15	0♍11	8°56	1♉11	11°44	16°31	25°14	17°33	28°45	20°56	18°15	19°30	8°12	n.a.	T 20
W21	13 13 18	19°22'36	14° 1	8°34	2°24	12°13	16°25	25°16	17°32	28°46	20°57	18°11	19°27	8°19	n.a.	W21
T 22	13 17 15	20°19'55	27°40	8°14	3°38	12°41	16°20	25°17	17°31	28°46	20°59	18° 6	19°24	8°26	n.a.	T 22
F 23	13 21 12	21°17'14	11♎ 5	7°59	4°51	13°10	16°15	25°19	17°30	28°47	21° 0	18° 3	19°21	8°32	n.a.	F 23
S 24	13 25 8	22°14'31	24°14	7°47	6° 5	13°40	16°10	25°20	17°29	28°48	21° 1	18° 0	19°18	8°39	n.a.	S 24
S 25	13 29 5	23°11'47	7♏ 6	7°40	7°18	14° 9	16° 5	25°22	17°28	28°48	21° 2	17°58	19°14	8°46	n.a.	S 25
M26	13 33 1	24° 9'03	19°42	7°D37	8°31	14°39	16° 0	25°24	17°27	28°49	21° 3	17°D58	19°11	8°52	n.a.	M26
T 27	13 36 58	25° 6'18	2♐ 2	7°39	9°45	15° 8	15°56	25°26	17°26	28°49	21° 5	17°58	19° 8	8°59	n.a.	T 27
W28	13 40 54	26° 3'32	14°10	7°45	10°58	15°38	15°51	25°28	17°25	28°50	21° 6	18° 0	19° 5	9° 6	n.a.	W28
T 29	13 44 51	27° 0'45	26° 8	7°55	12°12	16° 8	15°47	25°30	17°24	28°50	21° 7	18° 1	19° 2	9°13	n.a.	T 29
F 30	13 48 47	27♈57'58	8♑ 1	8♈10	13♉25	16♋39	15♍43	25♋32	17♐22	28♑51	21♓ 8	18♏ 3	18♏59	9♑19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 5	20s47	2n31	9n 0	2n41	2n31	0s43	26n11	2n24	6n12	1n46	22n58	1n33	23s28	0s13	21s27	0s39	18s59	16s36	17s46	18s10	20s 0		n.a.
F 2	0 28	20 26	3 23	8 55	2 33	3 2	0 41	26 9	2 23	6 15	1 46	22 58	1 32	23 28	0 14	21 27	0 39	18 58	16 36	17 46	18 9	20 0		n.a.
S 3	0 51	19 11	4 7	8 47	2 25	3 33	0 39	26 7	2 21	6 18	1 46	22 58	1 32	23 28	0 14	21 27	0 40	18 58	16 36	17 46	18 8	19 59		n.a.
S 4	1 15	17 5	4 40	8 35	2 15	4 4	0 37	26 5	2 20	6 21	1 46	22 58	1 32	23 28	0 14	21 26	0 40	18 57	16 36	17 45	18 7	19 58		n.a.
M 5	1 38	14 14	5 1	8 21	2 4	4 36	0 35	26 2	2 19	6 24	1 46	22 58	1 32	23 28	0 14	21 26	0 40	18 57	16 36	17 44	18 6	19 57		n.a.
T 6	2 1	10 44	5 9	8 4	1 52	5 7	0 32	26 0	2 17	6 26	1 46	22 58	1 32	23 28	0 14	21 26	0 40	18 56	16 37	17 43	18 6	19 56		n.a.
W 7	2 24	6 43	5 2	7 45	1 39	5 38	0 30	25 58	2 16	6 29	1 46	22 58	1 32	23 28	0 14	21 26	0 40	18 56	16 37	17 41	18 5	19 55		n.a.
T 8	2 47	2 18	4 41	7 23	1 25	6 9	0 28	25 55	2 15	6 32	1 45	22 58	1 32	23 28	0 14	21 26	0 40	18 55	16 37	17 39	18 4	19 54		n.a.
F 9	3 11	2n19	4 4	6 59	1 11	6 39	0 26	25 52	2 13	6 34	1 45	22 58	1 32	23 28	0 14	21 25	0 40	18 55	16 37	17 37	18 3	19 53		n.a.
S 10	3 34	6 55	3 13	6 34	0 55	7 10	0 23	25 50	2 12	6 37	1 45	22 58	1 32	23 28	0 14	21 25	0 40	18 54	16 37	17 35	18 2	19 52		n.a.
S 11	3 57	11 17	2 11	6 7	0 39	7 40	0 21	25 47	2 11	6 39	1 45	22 57	1 32	23 28	0 14	21 25	0 40	18 54	16 37	17 34	18 1	19 51		n.a.
M12	4 20	15 6	1 0	5 38	0 23	8 10	0 19	25 44	2 10	6 42	1 45	22 57	1 32	23 28	0 14	21 25	0 40	18 53	16 37	17 33	18 0	19 50		n.a.
T 13	4 42	18 6	0s16	5 9	0 6	8 41	0 16	25 41	2 8	6 44	1 45	22 57	1 32	23 28	0 14	21 25	0 40	18 53	16 37	17 33	18 0	19 49		n.a.
W14	5 5	20 2	1 32	4 40	0s11	9 10	0 14	25 38	2 7	6 46	1 44	22 57	1 32	23 28	0 14	21 25	0 40	18 52	16 37	17 33	17 59	19 48		n.a.
T 15	5 28	20 43	2 42	4 11	0 28	9 40	0 12	25 35	2 6	6 49	1 44	22 57	1 31	23 28	0 14	21 24	0 40	18 52	16 37	17 34	17 58	19 47		n.a.
F 16	5 51	20 4	3 43	3 42	0 45	10 9	0 9	25 31	2 5	6 51	1 44	22 56	1 31	23 28	0 14	21 24	0 40	18 52	16 37	17 34	17 57	19 46		n.a.
S 17	6 13	18 9	4 30	3 13	1 2	10 39	0 7	25 28	2 3	6 53	1 44	22 56	1 31	23 28	0 14	21 24	0 40	18 51	16 38	17 34	17 56	19 45		n.a.
S 18	6 35	15 9	5 0	2 46	1 18	11 8	0 4	25 24	2 2	6 55	1 44	22 56	1 31	23 28	0 14	21 24	0 40	18 51	16 38	17 34	17 55	19 44		n.a.
M19	6 58	11 17	5 12	2 20	1 34	11 36	0 2	25 21	2 1	6 57	1 43	22 56	1 31	23 28	0 14	21 24	0 40	18 50	16 38	17 33	17 54	19 43		n.a.
T 20	7 20	6 49	5 6	1 56	1 49	12 5	0n 1	25 17	2 0	6 59	1 43	22 55	1 31	23 28	0 14	21 24	0 40	18 50	16 38	17 32	17 53	19 42		n.a.
W21	7 42	2 4	4 42	1 34	2 3	12 33	0 3	25 13	1 59	7 1	1 43	22 55	1 31	23 28	0 14	21 24	0 40	18 50	16 38	17 31	17 53	19 41		n.a.
T 22	8 4	2s45	4 2	1 15	2 16	13 1	0 5	25 9	1 57	7 3	1 43	22 55	1 31	23 28	0 14	21 23	0 40	18 49	16 38	17 30	17 52	19 40		n.a.
F 23	8 26	7 20	3 9	0 57	2 28	13 28	0 8	25 5	1 56	7 5	1 43	22 54	1 31	23 28	0 14	21 23	0 40	18 49	16 38	17 29	17 51	19 39		n.a.
S 24	8 48	11 30	2 7	0 42	2 39	13 55	0 10	25 1	1 55	7 7	1 42	22 54	1 31	23 27	0 14	21 23	0 40	18 49	16 39	17 28	17 50	19 38		n.a.
S 25	9 9	15 2	0 59	0 30	2 50	14 22	0 13	24 57	1 54	7 8	1 42	22 54	1 31	23 27	0 14	21 23	0 40	18 48	16 39	17 28	17 49	19 37		n.a.
M26	9 31	17 47	0n10	0 20	2 59	14 49	0 15	24 52	1 53	7 10	1 42	22 53	1 31	23 27	0 14	21 23	0 40	18 48	16 39	17 28	17 48	19 36		n.a.
T 27	9 52	19 39	1 17	0 14	3 7	15 15	0 18	24 48	1 51	7 12	1 42	22 53	1 30	23 27	0 14	21 23	0 40	18 48	16 39	17 28	17 47	19 35		n.a.
W28	10 13	20 34	2 19	0 10	3 14	15 41	0 20	24 43	1 50	7 13	1 41	22 52	1 30	23 27	0 14	21 23	0 40	18 47	16 39	17 28	17 46	19 34		n.a.
T 29	10 34	20 31	3 15	0 8	3 20	16 6	0 23	24 38	1 49	7 15	1 41	22 52	1 30	23 27	0 14	21 23	0 40	18 47	16 39	17 29	17 46	19 33		n.a.
F 30	10n55	19s33	4n 2	0n10	3s24	16n31	0n25	24n33	1n48	7n16	1n41	22n51	1n30	23s27	0s14	21s23	0s40	18s47	16s40	17s29	17s45	19s32		n.a.

Julian Day Number = 1314259.5, Delta T = 07h38m45s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'48, Lahiri = -19°20'48 Julian Calendar 1 Apr. 1115 BCE == Greg. Calendar 21 March 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

MAY 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 44	28♈55'10	19♉53	8♈30	14♉38	17♋ 9	15°R39	25♋34	17°R21	28♉51	21♓ 9	18♏ 4	18♏55	9♉26	n.a.	S 1
S 2	13 56 41	29°52'22	1♒48	8°54	15°52	17°40	15♍35	25°37	17♐20	28°51	21°10	18°R 4	18°52	9°33	n.a.	S 2
M 3	14 0 37	0♉49'33	13°51	9°22	17° 5	18°10	15°31	25°39	17°18	28°52	21°12	18° 4	18°49	9°39	n.a.	M 3
T 4	14 4 34	1°46'44	26° 8	9°54	18°18	18°41	15°28	25°42	17°17	28°52	21°13	18° 2	18°46	9°46	n.a.	T 4
W 5	14 8 30	2°43'55	8♓40	10°31	19°32	19°12	15°25	25°45	17°15	28°52	21°14	18° 1	18°43	9°53	n.a.	W 5
T 6	14 12 27	3°41'05	21°33	11°12	20°45	19°44	15°21	25°47	17°14	28°53	21°15	17°59	18°39	9°59	n.a.	T 6
F 7	14 16 23	4°38'14	4♈46	11°57	21°58	20°15	15°18	25°50	17°12	28°53	21°16	17°57	18°36	10° 6	n.a.	F 7
S 8	14 20 20	5°35'24	18°22	12°46	23°11	20°47	15°16	25°53	17°11	28°53	21°17	17°55	18°33	10°13	n.a.	S 8
S 9	14 24 16	6°32'33	2♉17	13°39	24°25	21°18	15°13	25°56	17° 9	28°53	21°18	17°54	18°30	10°20	n.a.	S 9
M10	14 28 13	7°29'41	16°29	14°35	25°38	21°50	15°11	25°59	17° 8	28°53	21°19	17°D54	18°27	10°26	n.a.	M10
T 11	14 32 10	8°26'49	0♊54	15°36	26°51	22°22	15° 8	26° 3	17° 6	28°53	21°20	17°54	18°24	10°33	n.a.	T 11
W12	14 36 6	9°23'57	15°26	16°40	28° 4	22°55	15° 6	26° 6	17° 4	28°53	21°21	17°55	18°20	10°40	n.a.	W12
T 13	14 40 3	10°21'04	29°59	17°47	29°18	23°27	15° 4	26° 9	17° 2	28°R53	21°22	17°55	18°17	10°46	n.a.	T 13
F 14	14 43 59	11°18'10	14♋29	18°59	0♊31	23°59	15° 3	26°13	17° 1	28°53	21°23	17°56	18°14	10°53	n.a.	F 14
S 15	14 47 56	12°15'16	28°51	20°13	1°44	24°32	15° 1	26°16	16°59	28°53	21°24	17°56	18°11	11° 0	n.a.	S 15
S 16	14 51 52	13°12'21	13♌ 1	21°31	2°57	25° 5	15° 0	26°20	16°57	28°53	21°25	17°R57	18° 8	11° 6	n.a.	S 16
M17	14 55 49	14° 9'26	26°59	22°53	4°10	25°38	14°58	26°24	16°55	28°53	21°26	17°56	18° 5	11°13	n.a.	M17
T 18	14 59 46	15° 6'30	10♍43	24°18	5°23	26°11	14°57	26°28	16°53	28°53	21°27	17°56	18° 1	11°20	n.a.	T 18
W19	15 3 42	16° 3'34	24°12	25°46	6°37	26°44	14°57	26°31	16°51	28°53	21°28	17°56	17°58	11°26	n.a.	W19
T 20	15 7 39	17° 0'37	7♎27	27°18	7°50	27°17	14°56	26°35	16°49	28°52	21°28	17°56	17°55	11°33	n.a.	T 20
F 21	15 11 35	17°57'40	20°27	28°52	9° 3	27°50	14°55	26°39	16°47	28°52	21°29	17°D56	17°52	11°40	n.a.	F 21
S 22	15 15 32	18°54'43	3♏14	0♉31	10°16	28°24	14°55	26°44	16°45	28°52	21°30	17°56	17°49	11°47	n.a.	S 22
S 23	15 19 28	19°51'45	15°48	2°12	11°29	28°58	14°D55	26°48	16°43	28°52	21°31	17°R56	17°45	11°53	n.a.	S 23
M24	15 23 25	20°48'48	28° 9	3°56	12°42	29°31	14°55	26°52	16°41	28°51	21°32	17°56	17°42	12° 0	n.a.	M24
T 25	15 27 21	21°45'51	10♐20	5°43	13°55	0♌ 5	14°55	26°57	16°39	28°51	21°32	17°56	17°39	12° 7	n.a.	T 25
W26	15 31 18	22°42'54	22°23	7°34	15° 8	0°39	14°56	27° 1	16°37	28°50	21°33	17°55	17°36	12°13	n.a.	W26
T 27	15 35 15	23°39'57	4♑18	9°27	16°21	1°13	14°56	27° 6	16°35	28°50	21°34	17°55	17°33	12°20	n.a.	T 27
F 28	15 39 11	24°37'01	16°10	11°22	17°34	1°48	14°57	27°10	16°33	28°50	21°35	17°54	17°30	12°27	n.a.	F 28
S 29	15 43 8	25°34'05	28° 2	13°20	18°47	2°22	14°58	27°15	16°31	28°49	21°35	17°53	17°26	12°33	n.a.	S 29
S 30	15 47 4	26°31'09	9♒56	15°21	20° 0	2°57	14°59	27°20	16°28	28°49	21°36	17°52	17°23	12°40	n.a.	S 30
M31	15 51 1	27♉28'14	21♒59	17♉23	21♊12	3♌31	15♍ 1	27♋24	16♐26	28♑48	21♓37	17°D52	17♏20	12♑47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n16	17s44	4n39	0n14	3s28	16n56	0n28	24n28	1n47	7n17	1n41	22n51	1n30	23s27	0s14	21s23	0s40	18s46	16s40	17s29	17s44	19s31		n.a.
S 2	11 36	15 9	5 3	0 21	3 31	17 20	0 30	24 23	1 46	7 19	1 40	22 50	1 30	23 27	0 14	21 23	0 40	18 46	16 40	17 29	17 43	19 30		n.a.
M 3	11 57	11 55	5 15	0 31	3 33	17 43	0 32	24 18	1 45	7 20	1 40	22 50	1 30	23 27	0 14	21 23	0 41	18 46	16 40	17 29	17 42	19 29		n.a.
T 4	12 17	8 7	5 13	0 43	3 34	18 7	0 35	24 12	1 44	7 21	1 40	22 49	1 30	23 26	0 14	21 23	0 41	18 46	16 40	17 29	17 41	19 28		n.a.
W 5	12 37	3 53	4 56	0 58	3 33	18 30	0 37	24 7	1 43	7 22	1 40	22 48	1 30	23 26	0 14	21 23	0 41	18 45	16 41	17 28	17 40	19 27		n.a.
T 6	12 57	0n37	4 24	1 15	3 32	18 52	0 40	24 1	1 41	7 23	1 39	22 48	1 30	23 26	0 14	21 23	0 41	18 45	16 41	17 28	17 39	19 26		n.a.
F 7	13 16	5 14	3 37	1 34	3 31	19 14	0 42	23 55	1 40	7 24	1 39	22 47	1 30	23 26	0 14	21 23	0 41	18 45	16 41	17 27	17 38	19 25		n.a.
S 8	13 36	9 43	2 36	1 56	3 28	19 35	0 44	23 49	1 39	7 25	1 39	22 47	1 30	23 26	0 14	21 23	0 41	18 45	16 41	17 27	17 38	19 24		n.a.
S 9	13 55	13 48	1 25	2 20	3 24	19 56	0 46	23 43	1 38	7 25	1 38	22 46	1 30	23 26	0 14	21 23	0 41	18 44	16 42	17 27	17 37	19 23		n.a.
M10	14 14	17 10	0 8	2 46	3 20	20 16	0 49	23 37	1 37	7 26	1 38	22 45	1 29	23 26	0 14	21 23	0 41	18 44	16 42	17 26	17 36	19 22		n.a.
T 11	14 33	19 30	1s11	3 14	3 15	20 36	0 51	23 31	1 36	7 27	1 38	22 45	1 29	23 26	0 14	21 23	0 41	18 44	16 42	17 27	17 35	19 21		n.a.
W12	14 51	20 35	2 27	3 44	3 10	20 55	0 53	23 24	1 35	7 27	1 38	22 44	1 29	23 25	0 14	21 23	0 41	18 44	16 42	17 27	17 34	19 20		n.a.
T 13	15 10	20 17	3 33	4 16	3 3	21 13	0 55	23 18	1 34	7 28	1 37	22 43	1 29	23 25	0 14	21 23	0 41	18 44	16 42	17 27	17 33	19 19		n.a.
F 14	15 28	18 38	4 25	4 50	2 56	21 31	0 58	23 11	1 33	7 28	1 37	22 42	1 29	23 25	0 14	21 23	0 41	18 43	16 43	17 27	17 32	19 17		n.a.
S 15	15 46	15 50	5 0	5 26	2 49	21 49	1 0	23 4	1 32	7 29	1 37	22 42	1 29	23 25	0 14	21 23	0 41	18 43	16 43	17 27	17 31	19 16		n.a.
S 16	16 3	12 8	5 16	6 3	2 40	22 6	1 2	22 57	1 31	7 29	1 36	22 41	1 29	23 25	0 14	21 23	0 41	18 43	16 43	17 27	17 30	19 15		n.a.
M17	16 21	7 49	5 13	6 42	2 32	22 22	1 4	22 50	1 30	7 29	1 36	22 40	1 29	23 25	0 14	21 23	0 41	18 43	16 43	17 27	17 29	19 14		n.a.
T 18	16 38	3 10	4 53	7 22	2 23	22 38	1 6	22 42	1 29	7 29	1 36	22 39	1 29	23 24	0 14	21 23	0 41	18 43	16 44	17 27	17 29	19 13		n.a.
W19	16 55	1s34	4 16	8 3	2 13	22 52	1 8	22 35	1 28	7 29	1 35	22 38	1 29	23 24	0 14	21 23	0 41	18 43	16 44	17 27	17 28	19 12		n.a.
T 20	17 11	6 9	3 26	8 46	2 3	23 7	1 10	22 27	1 27	7 29	1 35	22 38	1 29	23 24	0 14	21 23	0 41	18 43	16 44	17 27	17 27	19 11		n.a.
F 21	17 27	10 22	2 27	9 30	1 53	23 20	1 12	22 20	1 26	7 29	1 35	22 37	1 29	23 24	0 14	21 23	0 41	18 43	16 45	17 27	17 26	19 10		n.a.
S 22	17 44	14 3	1 21	10 15	1 42	23 33	1 13	22 12	1 25	7 29	1 35	22 36	1 29	23 24	0 14	21 23	0 41	18 43	16 45	17 27	17 25	19 9		n.a.
S 23	17 59	17 1	0 12	11 1	1 31	23 46	1 15	22 4	1 24	7 29	1 34	22 35	1 29	23 23	0 14	21 23	0 41	18 42	16 45	17 27	17 24	19 8		n.a.
M24	18 15	19 9	0n56	11 47	1 19	23 57	1 17	21 56	1 23	7 28	1 34	22 34	1 28	23 23	0 14	21 24	0 41	18 42	16 45	17 27	17 23	19 7		n.a.
T 25	18 30	20 22	2 1	12 35	1 8	24 8	1 19	21 47	1 22	7 28	1 34	22 33	1 28	23 23	0 14	21 24	0 41	18 42	16 46	17 27	17 22	19 5		n.a.
W26	18 45	20 37	3 0	13 22	0 56	24 19	1 20	21 39	1 21	7 28	1 33	22 32	1 28	23 23	0 15	21 24	0 41	18 42	16 46	17 27	17 21	19 4		n.a.
T 27	18 59	19 56	3 50	14 10	0 45	24 28	1 22	21 30	1 20	7 27	1 33	22 31	1 28	23 23	0 15	21 24	0 41	18 42	16 46	17 27	17 20	19 3		n.a.
F 28	19 14	18 22	4 30	14 58	0 33	24 37	1 23	21 21	1 19	7 26	1 33	22 30	1 28	23 22	0 15	21 24	0 41	18 42	16 47	17 26	17 20	19 2		n.a.
S 29	19 28	16 1	4 58	15 45	0 21	24 45	1 25	21 13	1 18	7 26	1 32	22 29	1 28	23 22	0 15	21 24	0 41	18 42	16 47	17 26	17 19	19 1		n.a.
S 30	19 41	13 0	5 14	16 32	0 10	24 53	1 26	21 4	1 17	7 25	1 32	22 28	1 28	23 22	0 15	21 24	0 41	18 42	16 47	17 26	17 18	19 0		n.a.
M31	19n55	9s26	5n16	17n19	0n 1	24n59	1n28	20n54	1n16	7n24	1n32	22n27	1n28	23s22	0s15	21s24	0s41	18s42	16s47	17s26	17s17	18s59		n.a.

Julian Day Number = 1314289.5, Delta T = 07h38m44s
Ecliptic obliquity = 23°49'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'44, Lahiri = -19°20'44 Julian Calendar 1 May 1115 BCE == Greg. Calendar 20 Apr. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

JUNE 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 57	28♉25'19	4♓14	19♉27	22♊25	4♌ 6	15♍ 2	27♋29	16°R24	28°R47	21♓37	17♏52	17♏17	12♑54	n.a.	T 1
W 2	15 58 54	29°22'25	16°44	21°33	23°38	4°41	15° 4	27°34	16♐22	28♑47	21°38	17°52	17°14	13° 0	n.a.	W 2
T 3	16 2 50	0♊19'32	29°36	23°40	24°51	5°16	15° 6	27°39	16°19	28°46	21°39	17°53	17°10	13° 7	n.a.	T 3
F 4	16 6 47	1°16'39	12♈50	25°48	26° 4	5°51	15° 8	27°44	16°17	28°45	21°39	17°54	17° 7	13°14	n.a.	F 4
S 5	16 10 44	2°13'47	26°30	27°56	27°17	6°26	15°10	27°50	16°15	28°45	21°40	17°55	17° 4	13°20	n.a.	S 5
S 6	16 14 40	3°10'55	10♉35	0♊ 5	28°30	7° 1	15°12	27°55	16°13	28°44	21°40	17°56	17° 1	13°27	n.a.	S 6
M 7	16 18 37	4° 8'04	25° 2	2°14	29°42	7°37	15°15	28° 0	16°10	28°43	21°41	17°R56	16°58	13°34	n.a.	M 7
T 8	16 22 33	5° 5'14	9♊47	4°23	0♋55	8°12	15°18	28° 6	16° 8	28°42	21°42	17°55	16°55	13°40	n.a.	T 8
W 9	16 26 30	6° 2'24	24°43	6°31	2° 8	8°48	15°20	28°11	16° 6	28°42	21°42	17°53	16°51	13°47	n.a.	W 9
T 10	16 30 26	6°59'35	9♋41	8°38	3°21	9°24	15°24	28°17	16° 3	28°41	21°42	17°51	16°48	13°54	n.a.	T 10
F 11	16 34 23	7°56'46	24°33	10°45	4°33	9°59	15°27	28°22	16° 1	28°40	21°43	17°49	16°45	14° 1	n.a.	F 11
S 12	16 38 20	8°53'58	9♌12	12°50	5°46	10°35	15°30	28°28	15°58	28°39	21°43	17°46	16°42	14° 7	n.a.	S 12
S 13	16 42 16	9°51'10	23°32	14°55	6°59	11°11	15°34	28°33	15°56	28°38	21°44	17°45	16°39	14°14	n.a.	S 13
M14	16 46 13	10°48'22	7♍32	16°58	8°11	11°48	15°38	28°39	15°54	28°37	21°44	17°D44	16°36	14°21	n.a.	M14
T 15	16 50 9	11°45'35	21°10	19° 0	9°24	12°24	15°41	28°45	15°51	28°36	21°45	17°44	16°32	14°27	n.a.	T 15
W16	16 54 6	12°42'48	4♎27	21° 0	10°37	13° 0	15°46	28°51	15°49	28°35	21°45	17°45	16°29	14°34	n.a.	W16
T 17	16 58 2	13°40'02	17°25	22°58	11°49	13°37	15°50	28°57	15°46	28°34	21°45	17°47	16°26	14°41	n.a.	T 17
F 18	17 1 59	14°37'16	0♏ 7	24°55	13° 2	14°13	15°54	29° 3	15°44	28°33	21°46	17°48	16°23	14°47	n.a.	F 18
S 19	17 5 55	15°34'31	12°35	26°51	14°14	14°50	15°59	29° 9	15°42	28°32	21°46	17°R49	16°20	14°54	n.a.	S 19
S 20	17 9 52	16°31'47	24°53	28°45	15°27	15°27	16° 3	29°15	15°39	28°31	21°46	17°49	16°16	15° 1	n.a.	S 20
M21	17 13 49	17°29'04	7♐ 1	0♋37	16°39	16° 4	16° 8	29°21	15°37	28°30	21°46	17°48	16°13	15° 8	n.a.	M21
T 22	17 17 45	18°26'22	19° 2	2°27	17°52	16°40	16°13	29°27	15°34	28°29	21°47	17°45	16°10	15°14	n.a.	T 22
W23	17 21 42	19°23'40	0♑58	4°16	19° 4	17°18	16°18	29°33	15°32	28°27	21°47	17°40	16° 7	15°21	n.a.	W23
T 24	17 25 38	20°21'00	12°51	6° 3	20°17	17°55	16°24	29°40	15°30	28°26	21°47	17°35	16° 4	15°28	n.a.	T 24
F 25	17 29 35	21°18'21	24°42	7°49	21°29	18°32	16°29	29°46	15°27	28°25	21°47	17°29	16° 1	15°34	n.a.	F 25
S 26	17 33 31	22°15'43	6♒34	9°33	22°41	19° 9	16°35	29°52	15°25	28°24	21°47	17°23	15°57	15°41	n.a.	S 26
S 27	17 37 28	23°13'07	18°30	11°15	23°54	19°47	16°41	29°59	15°22	28°22	21°48	17°18	15°54	15°48	n.a.	S 27
M28	17 41 25	24°10'31	0♓32	12°55	25° 6	20°24	16°47	0♌ 5	15°20	28°21	21°48	17°14	15°51	15°55	n.a.	M28
T 29	17 45 21	25° 7'57	12°45	14°34	26°18	21° 2	16°53	0°12	15°18	28°20	21°48	17°12	15°48	16° 1	n.a.	T 29
W30	17 49 18	26♊ 5'25	25♓13	16♋12	27♋30	21♌39	16♍59	0♌18	15♐15	28♑19	21♓48	17°D11	15♏45	16♑ 8	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 8	5s24	5n 4	18n 4	0n12	25n 5	1n29	20n45	1n15	7n23	1n31	22n26	1n28	23s22	0s15	21s25	0s42	18s42	16s48	17s26	17s16	18s58		n.a.
W 2	20 20	1 4	4 38	18 49	0 23	25 10	1 30	20 36	1 14	7 22	1 31	22 25	1 28	23 21	0 15	21 25	0 42	18 42	16 48	17 26	17 15	18 56		n.a.
T 3	20 33	3n27	3 57	19 32	0 33	25 15	1 31	20 26	1 13	7 21	1 31	22 24	1 28	23 21	0 15	21 25	0 42	18 42	16 48	17 26	17 14	18 55		n.a.
F 4	20 45	7 56	3 2	20 13	0 43	25 19	1 33	20 16	1 12	7 20	1 31	22 23	1 28	23 21	0 15	21 25	0 42	18 42	16 49	17 27	17 13	18 54		n.a.
S 5	20 57	12 11	1 56	20 52	0 52	25 21	1 34	20 7	1 11	7 19	1 30	22 22	1 28	23 21	0 15	21 25	0 42	18 42	16 49	17 27	17 12	18 53		n.a.
S 6	21 8	15 53	0 41	21 29	1 1	25 24	1 35	19 57	1 10	7 18	1 30	22 21	1 28	23 20	0 15	21 25	0 42	18 42	16 49	17 27	17 11	18 52		n.a.
M 7	21 19	18 42	0s39	22 4	1 9	25 25	1 36	19 46	1 9	7 17	1 30	22 20	1 28	23 20	0 15	21 26	0 42	18 42	16 50	17 27	17 10	18 51		n.a.
T 8	21 29	20 20	1 58	22 36	1 16	25 26	1 36	19 36	1 8	7 15	1 29	22 18	1 28	23 20	0 15	21 26	0 42	18 43	16 50	17 27	17 9	18 50		n.a.
W 9	21 40	20 34	3 9	23 6	1 23	25 26	1 37	19 26	1 7	7 14	1 29	22 17	1 28	23 20	0 15	21 26	0 42	18 43	16 50	17 26	17 9	18 48		n.a.
T 10	21 50	19 21	4 8	23 34	1 29	25 25	1 38	19 15	1 6	7 12	1 29	22 16	1 28	23 20	0 15	21 26	0 42	18 43	16 51	17 26	17 8	18 47		n.a.
F 11	21 59	16 49	4 50	23 58	1 34	25 23	1 39	19 4	1 5	7 11	1 28	22 15	1 28	23 19	0 15	21 27	0 42	18 43	16 51	17 25	17 7	18 46		n.a.
S 12	22 8	13 14	5 11	24 20	1 39	25 21	1 39	18 54	1 4	7 9	1 28	22 14	1 28	23 19	0 15	21 27	0 42	18 43	16 51	17 24	17 6	18 45		n.a.
S 13	22 17	8 58	5 13	24 40	1 43	25 18	1 40	18 43	1 3	7 8	1 28	22 12	1 27	23 19	0 15	21 27	0 42	18 43	16 52	17 24	17 5	18 44		n.a.
M14	22 26	4 18	4 56	24 56	1 46	25 14	1 40	18 32	1 2	7 6	1 28	22 11	1 27	23 19	0 15	21 27	0 42	18 43	16 52	17 24	17 4	18 43		n.a.
T 15	22 34	0s28	4 23	25 10	1 49	25 9	1 41	18 20	1 2	7 4	1 27	22 10	1 27	23 18	0 15	21 27	0 42	18 43	16 52	17 24	17 3	18 41		n.a.
W16	22 41	5 6	3 36	25 21	1 50	25 4	1 41	18 9	1 1	7 2	1 27	22 9	1 27	23 18	0 15	21 28	0 42	18 43	16 52	17 24	17 2	18 40		n.a.
T 17	22 48	9 23	2 39	25 30	1 52	24 58	1 41	17 57	1 0	7 0	1 27	22 7	1 27	23 18	0 15	21 28	0 42	18 44	16 53	17 24	17 1	18 39		n.a.
F 18	22 55	13 11	1 36	25 36	1 52	24 51	1 41	17 46	0 59	6 58	1 26	22 6	1 27	23 18	0 15	21 28	0 42	18 44	16 53	17 25	17 0	18 38		n.a.
S 19	23 2	16 19	0 29	25 39	1 52	24 44	1 41	17 34	0 58	6 56	1 26	22 5	1 27	23 17	0 15	21 28	0 42	18 44	16 53	17 25	16 59	18 37		n.a.
S 20	23 8	18 40	0n39	25 41	1 51	24 35	1 41	17 22	0 57	6 54	1 26	22 4	1 27	23 17	0 15	21 29	0 42	18 44	16 54	17 25	16 58	18 35		n.a.
M21	23 14	20 8	1 43	25 40	1 50	24 26	1 41	17 10	0 56	6 52	1 25	22 2	1 27	23 17	0 15	21 29	0 42	18 44	16 54	17 25	16 57	18 34		n.a.
T 22	23 19	20 40	2 43	25 36	1 48	24 17	1 41	16 58	0 55	6 50	1 25	22 1	1 27	23 17	0 15	21 29	0 42	18 45	16 55	17 24	16 57	18 33		n.a.
W23	23 24	20 15	3 34	25 31	1 46	24 6	1 41	16 46	0 54	6 47	1 25	22 0	1 27	23 16	0 15	21 29	0 42	18 45	16 55	17 23	16 56	18 32		n.a.
T 24	23 28	18 57	4 16	25 24	1 43	23 55	1 40	16 33	0 53	6 45	1 25	21 58	1 27	23 16	0 15	21 30	0 42	18 45	16 55	17 21	16 55	18 31		n.a.
F 25	23 32	16 49	4 47	25 15	1 40	23 44	1 40	16 21	0 52	6 42	1 24	21 57	1 27	23 16	0 15	21 30	0 42	18 45	16 56	17 19	16 54	18 29		n.a.
S 26	23 36	14 0	5 5	25 4	1 36	23 31	1 40	16 8	0 52	6 40	1 24	21 55	1 27	23 16	0 15	21 30	0 42	18 46	16 56	17 18	16 53	18 28		n.a.
S 27	23 39	10 36	5 11	24 52	1 32	23 18	1 39	15 55	0 51	6 37	1 24	21 54	1 27	23 15	0 15	21 31	0 42	18 46	16 56	17 16	16 52	18 27		n.a.
M28	23 42	6 45	5 3	24 38	1 27	23 4	1 38	15 42	0 50	6 35	1 24	21 53	1 27	23 15	0 15	21 31	0 42	18 46	16 57	17 15	16 51	18 26		n.a.
T 29	23 44	2 34	4 41	24 22	1 22	22 50	1 38	15 29	0 49	6 32	1 23	21 51	1 27	23 15	0 15	21 31	0 42	18 46	16 57	17 14	16 50	18 25		n.a.
W30	23n46	1n49	4n 5	24n 5	1n16	22n35	1n37	15n16	0n48	6n29	1n23	21n50	1n27	23s14	0s15	21s31	0s42	18s47	16s57	17s14	16s49	18s23		n.a.

Julian Day Number = 1314320.5, Delta T = 07h38m42s
Ecliptic obliquity = 23°49'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'40, Lahiri = -19°20'40 Julian Calendar 1 June 1115 BCE == Greg. Calendar 21 May 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

JULY 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 14	27♊ 2'54	7♈59	17♋48	28♋43	22♌17	17♍ 5	0♌25	15°R13	28°R17	21♓48	17♏11	15♏42	16♑15	n.a.	T 1
F 2	17 57 11	28° 0'25	21° 9	19°22	29°55	22°55	17°12	0°31	15♐11	28♑16	21°48	17°13	15°38	16°21	n.a.	F 2
S 3	18 1 7	28°57'57	4♉44	20°54	1♌ 7	23°33	17°18	0°38	15° 8	28°14	21°R48	17°14	15°35	16°28	n.a.	S 3
S 4	18 5 4	29°55'31	18°47	22°25	2°19	24°11	17°25	0°45	15° 6	28°13	21°48	17°R14	15°32	16°35	n.a.	S 4
M 5	18 9 0	0♋53'07	3♊17	23°55	3°31	24°49	17°32	0°52	15° 4	28°12	21°48	17°13	15°29	16°41	n.a.	M 5
T 6	18 12 57	1°50'44	18° 9	25°22	4°43	25°28	17°39	0°58	15° 2	28°10	21°48	17°10	15°26	16°48	n.a.	T 6
W 7	18 16 54	2°48'22	3♋18	26°49	5°55	26° 6	17°46	1° 5	14°59	28° 9	21°48	17° 6	15°22	16°55	n.a.	W 7
T 8	18 20 50	3°46'03	18°33	28°13	7° 7	26°44	17°54	1°12	14°57	28° 7	21°48	16°59	15°19	17° 2	n.a.	T 8
F 9	18 24 47	4°43'44	3♌44	29°36	8°19	27°23	18° 1	1°19	14°55	28° 6	21°48	16°52	15°16	17° 8	n.a.	F 9
S 10	18 28 43	5°41'27	18°40	0♌57	9°31	28° 2	18° 9	1°26	14°53	28° 4	21°47	16°45	15°13	17°15	n.a.	S 10
S 11	18 32 40	6°39'11	3♍14	2°16	10°43	28°40	18°16	1°33	14°50	28° 3	21°47	16°40	15°10	17°22	n.a.	S 11
M12	18 36 36	7°36'56	17°22	3°33	11°55	29°19	18°24	1°40	14°48	28° 1	21°47	16°36	15° 7	17°28	n.a.	M12
T 13	18 40 33	8°34'42	1♎ 3	4°48	13° 6	29°58	18°32	1°47	14°46	28° 0	21°47	16°34	15° 3	17°35	n.a.	T 13
W14	18 44 29	9°32'30	14°17	6° 2	14°18	0♍37	18°40	1°54	14°44	27°58	21°47	16°D34	15° 0	17°42	n.a.	W14
T 15	18 48 26	10°30'19	27° 9	7°13	15°30	1°16	18°48	2° 1	14°42	27°57	21°46	16°35	14°57	17°49	n.a.	T 15
F 16	18 52 23	11°28'09	9♏41	8°23	16°42	1°55	18°57	2° 8	14°40	27°55	21°46	16°36	14°54	17°55	n.a.	F 16
S 17	18 56 19	12°26'01	21°58	9°30	17°53	2°34	19° 5	2°15	14°38	27°54	21°46	16°R36	14°51	18° 2	n.a.	S 17
S 18	19 0 16	13°23'55	4♐ 4	10°34	19° 5	3°14	19°14	2°22	14°36	27°52	21°45	16°34	14°48	18° 9	n.a.	S 18
M19	19 4 12	14°21'50	16° 3	11°37	20°16	3°53	19°22	2°29	14°34	27°50	21°45	16°30	14°44	18°15	n.a.	M19
T 20	19 8 9	15°19'46	27°57	12°37	21°28	4°33	19°31	2°37	14°32	27°49	21°45	16°24	14°41	18°22	n.a.	T 20
W21	19 12 5	16°17'45	9♑49	13°34	22°39	5°12	19°40	2°44	14°30	27°47	21°44	16°15	14°38	18°29	n.a.	W21
T 22	19 16 2	17°15'45	21°41	14°28	23°51	5°52	19°49	2°51	14°28	27°46	21°44	16° 4	14°35	18°36	n.a.	T 22
F 23	19 19 58	18°13'46	3♒34	15°20	25° 2	6°31	19°58	2°58	14°26	27°44	21°44	15°52	14°32	18°42	n.a.	F 23
S 24	19 23 55	19°11'50	15°29	16° 8	26°13	7°11	20° 7	3° 6	14°24	27°42	21°43	15°41	14°28	18°49	n.a.	S 24
S 25	19 27 52	20° 9'56	27°29	16°53	27°25	7°51	20°17	3°13	14°22	27°41	21°43	15°30	14°25	18°56	n.a.	S 25
M26	19 31 48	21° 8'03	9♓35	17°34	28°36	8°31	20°26	3°20	14°21	27°39	21°42	15°21	14°22	19° 2	n.a.	M26
T 27	19 35 45	22° 6'13	21°50	18°11	29°47	9°11	20°36	3°28	14°19	27°37	21°42	15°15	14°19	19° 9	n.a.	T 27
W28	19 39 41	23° 4'24	4♈18	18°44	0♍58	9°51	20°45	3°35	14°17	27°36	21°41	15°11	14°16	19°16	n.a.	W28
T 29	19 43 38	24° 2'38	17° 2	19°13	2° 9	10°31	20°55	3°42	14°16	27°34	21°41	15° 9	14°13	19°22	n.a.	T 29
F 30	19 47 34	25° 0'54	0♉ 5	19°37	3°20	11°12	21° 5	3°50	14°14	27°33	21°40	15°D 9	14° 9	19°29	n.a.	F 30
S 31	19 51 31	25♋59'13	13♉32	19♌57	4♍31	11♍52	21♍15	3♌57	14♐12	27♑31	21♓40	15°R 9	14♏ 6	19♑36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	6n13	3n17	23n47	1n10	22n19	1n36	15n 3	0n47	6n27	1n23	21n48	1n27	23s14	0s15	21s32	0s42	18s47	16s58	17s14	16s48	18s22			n.a.
F 2	23 49	10 29	2 17	23 27	1 4	22 2	1 35	14 49	0 46	6 24	1 22	21 47	1 27	23 14	0 15	21 32	0 42	18 47	16 58	17 15	16 47	18 21			n.a.
S 3	23 49	14 22	1 7	23 7	0 57	21 46	1 34	14 36	0 45	6 21	1 22	21 45	1 27	23 14	0 15	21 32	0 42	18 47	16 58	17 15	16 46	18 20			n.a.
S 4	23 50	17 33	0s 8	22 45	0 50	21 28	1 33	14 22	0 44	6 18	1 22	21 44	1 27	23 13	0 15	21 33	0 42	18 48	16 59	17 15	16 45	18 18			n.a.
M 5	23 49	19 45	1 26	22 23	0 43	21 10	1 32	14 8	0 44	6 15	1 22	21 42	1 27	23 13	0 15	21 33	0 43	18 48	16 59	17 15	16 44	18 17			n.a.
T 6	23 49	20 39	2 39	21 59	0 36	20 51	1 30	13 55	0 43	6 12	1 21	21 41	1 27	23 13	0 15	21 33	0 43	18 48	16 59	17 14	16 43	18 16			n.a.
W 7	23 48	20 4	3 43	21 35	0 28	20 32	1 29	13 41	0 42	6 9	1 21	21 39	1 27	23 13	0 15	21 34	0 43	18 49	17 0	17 13	16 43	18 15			n.a.
T 8	23 46	18 3	4 31	21 10	0 20	20 12	1 27	13 26	0 41	6 6	1 21	21 38	1 27	23 12	0 15	21 34	0 43	18 49	17 0	17 11	16 42	18 13			n.a.
F 9	23 44	14 47	5 0	20 45	0 11	19 51	1 26	13 12	0 40	6 3	1 21	21 36	1 27	23 12	0 15	21 34	0 43	18 49	17 0	17 9	16 41	18 12			n.a.
S 10	23 42	10 36	5 7	20 19	0 3	19 31	1 24	12 58	0 39	5 59	1 20	21 35	1 27	23 12	0 15	21 35	0 43	18 50	17 1	17 7	16 40	18 11			n.a.
S 11	23 39	5 54	4 55	19 52	0s 6	19 9	1 23	12 43	0 38	5 56	1 20	21 33	1 27	23 12	0 15	21 35	0 43	18 50	17 1	17 5	16 39	18 10			n.a.
M12	23 36	1 1	4 25	19 26	0 15	18 47	1 21	12 29	0 38	5 53	1 20	21 31	1 27	23 11	0 15	21 35	0 43	18 51	17 1	17 4	16 38	18 8			n.a.
T 13	23 33	3s47	3 40	18 58	0 25	18 25	1 19	12 14	0 37	5 49	1 20	21 30	1 27	23 11	0 15	21 36	0 43	18 51	17 2	17 4	16 37	18 7			n.a.
W14	23 29	8 15	2 45	18 31	0 34	18 2	1 17	11 59	0 36	5 46	1 19	21 28	1 27	23 11	0 15	21 36	0 43	18 51	17 2	17 3	16 36	18 6			n.a.
T 15	23 24	12 13	1 43	18 4	0 44	17 38	1 15	11 45	0 35	5 42	1 19	21 27	1 27	23 11	0 15	21 36	0 43	18 52	17 2	17 4	16 35	18 5			n.a.
F 16	23 19	15 32	0 37	17 36	0 53	17 14	1 13	11 30	0 34	5 39	1 19	21 25	1 27	23 11	0 15	21 37	0 43	18 52	17 3	17 4	16 34	18 3			n.a.
S 17	23 14	18 5	0n29	17 9	1 3	16 50	1 11	11 14	0 33	5 35	1 19	21 23	1 27	23 10	0 15	21 37	0 43	18 53	17 3	17 4	16 33	18 2			n.a.
S 18	23 8	19 48	1 32	16 42	1 13	16 25	1 8	10 59	0 32	5 32	1 18	21 22	1 27	23 10	0 15	21 37	0 43	18 53	17 3	17 4	16 32	18 1			n.a.
M19	23 2	20 35	2 31	16 15	1 23	16 0	1 6	10 44	0 32	5 28	1 18	21 20	1 27	23 10	0 15	21 38	0 43	18 53	17 3	17 2	16 31	18 0			n.a.
T 20	22 56	20 26	3 22	15 48	1 34	15 35	1 4	10 29	0 31	5 24	1 18	21 18	1 27	23 10	0 15	21 38	0 43	18 54	17 4	17 0	16 30	17 58			n.a.
W21	22 49	19 23	4 5	15 22	1 44	15 9	1 1	10 13	0 30	5 21	1 18	21 17	1 27	23 9	0 15	21 38	0 43	18 54	17 4	16 58	16 29	17 57			n.a.
T 22	22 41	17 30	4 36	14 56	1 54	14 43	0 59	9 58	0 29	5 17	1 18	21 15	1 27	23 9	0 15	21 39	0 43	18 55	17 4	16 55	16 28	17 56			n.a.
F 23	22 34	14 52	4 56	14 31	2 4	14 16	0 56	9 42	0 28	5 13	1 17	21 13	1 27	23 9	0 15	21 39	0 43	18 55	17 5	16 51	16 27	17 54			n.a.
S 24	22 26	11 38	5 3	14 7	2 15	13 49	0 53	9 26	0 27	5 9	1 17	21 12	1 27	23 9	0 15	21 39	0 43	18 56	17 5	16 48	16 26	17 53			n.a.
S 25	22 17	7 55	4 56	13 44	2 25	13 21	0 51	9 10	0 27	5 5	1 17	21 10	1 27	23 9	0 15	21 40	0 43	18 56	17 5	16 45	16 25	17 52			n.a.
M26	22 8	3 50	4 37	13 22	2 35	12 54	0 48	8 54	0 26	5 1	1 17	21 8	1 27	23 8	0 15	21 40	0 43	18 56	17 6	16 42	16 24	17 51			n.a.
T 27	21 59	0n26	4 4	13 1	2 45	12 26	0 45	8 38	0 25	4 57	1 16	21 7	1 27	23 8	0 15	21 40	0 43	18 57	17 6	16 40	16 24	17 49			n.a.
W28	21 49	4 46	3 19	12 41	2 55	11 57	0 42	8 22	0 24	4 53	1 16	21 5	1 28	23 8	0 15	21 41	0 43	18 57	17 6	16 39	16 23	17 48			n.a.
T 29	21 39	9 0	2 24	12 23	3 4	11 29	0 39	8 6	0 23	4 49	1 16	21 3	1 28	23 8	0 15	21 41	0 43	18 58	17 7	16 39	16 22	17 47			n.a.
F 30	21 28	12 55	1 19	12 7	3 14	11 0	0 36	7 50	0 22	4 45	1 16	21 2	1 28	23 7	0 15	21 41	0 43	18 58	17 7	16 39	16 21	17 45			n.a.
S 31	21n17	16n18	0n 9	11n52	3s22	10n31	0n33	7n33	0n22	4n41	1n16	21n 0	1n28	23s 7	0s15	21s42	0s43	18s59	17s 7	16s39	16s20	17s44			n.a.

Julian Day Number = 1314350.5, Delta T = 07h38m41s
Ecliptic obliquity = 23°49'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'36, Lahiri = -19°20'35 Julian Calendar 1 July 1115 BCE == Greg. Calendar 20 June 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

AUGUST 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 27	26♋57'33	27♉26	20♌11	5♍42	12♍33	21♍25	4♌ 4	14°R11	27°R29	21°R39	15°R 9	14♏ 3	19♑43	n.a.	S 1
M 2	19 59 24	27°55'56	11♊47	20°19	6°53	13°13	21°35	4°12	14♐ 9	27♑28	21♓39	15♏ 7	14° 0	19°49	n.a.	M 2
T 3	20 3 20	28°54'22	26°32	20°R22	8° 3	13°54	21°45	4°19	14° 8	27°26	21°38	15° 2	13°57	19°56	n.a.	T 3
W 4	20 7 17	29°52'49	11♋38	20°18	9°14	14°34	21°55	4°27	14° 6	27°24	21°37	14°54	13°54	20° 3	n.a.	W 4
T 5	20 11 14	0♌51'19	26°54	20° 8	10°25	15°15	22° 6	4°34	14° 5	27°23	21°37	14°45	13°50	20° 9	n.a.	T 5
F 6	20 15 10	1°49'50	12♌11	19°51	11°35	15°56	22°16	4°41	14° 4	27°21	21°36	14°34	13°47	20°16	n.a.	F 6
S 7	20 19 7	2°48'24	27°17	19°28	12°46	16°37	22°27	4°49	14° 2	27°19	21°35	14°23	13°44	20°23	n.a.	S 7
S 8	20 23 3	3°46'59	12♍ 2	18°58	13°56	17°18	22°38	4°56	14° 1	27°18	21°35	14°14	13°41	20°30	n.a.	S 8
M 9	20 27 0	4°45'36	26°19	18°21	15° 7	17°59	22°48	5° 4	14° 0	27°16	21°34	14° 7	13°38	20°36	n.a.	M 9
T 10	20 30 56	5°44'15	10♎ 7	17°38	16°17	18°40	22°59	5°11	13°58	27°14	21°33	14° 3	13°34	20°43	n.a.	T 10
W11	20 34 53	6°42'56	23°26	16°48	17°27	19°22	23°10	5°19	13°57	27°13	21°32	14° 1	13°31	20°50	n.a.	W11
T 12	20 38 49	7°41'39	6♏18	15°54	18°37	20° 3	23°21	5°26	13°56	27°11	21°32	14° 1	13°28	20°56	n.a.	T 12
F 13	20 42 46	8°40'24	18°48	14°54	19°48	20°44	23°32	5°33	13°55	27°10	21°31	14° 1	13°25	21° 3	n.a.	F 13
S 14	20 46 43	9°39'10	1♐ 2	13°52	20°58	21°26	23°43	5°41	13°54	27° 8	21°30	14° 0	13°22	21°10	n.a.	S 14
S 15	20 50 39	10°37'59	13° 3	12°47	22° 8	22° 7	23°55	5°48	13°53	27° 6	21°29	13°57	13°19	21°17	n.a.	S 15
M16	20 54 36	11°36'49	24°58	11°42	23°17	22°49	24° 6	5°56	13°52	27° 5	21°28	13°52	13°15	21°23	n.a.	M16
T 17	20 58 32	12°35'41	6♑49	10°38	24°27	23°31	24°17	6° 3	13°51	27° 3	21°28	13°44	13°12	21°30	n.a.	T 17
W18	21 2 29	13°34'36	18°40	9°36	25°37	24°13	24°29	6°10	13°50	27° 2	21°27	13°33	13° 9	21°37	n.a.	W18
T 19	21 6 25	14°33'32	0♒33	8°39	26°47	24°54	24°40	6°18	13°50	27° 0	21°26	13°20	13° 6	21°43	n.a.	T 19
F 20	21 10 22	15°32'30	12°30	7°47	27°56	25°36	24°52	6°25	13°49	26°58	21°25	13° 6	13° 3	21°50	n.a.	F 20
S 21	21 14 18	16°31'31	24°32	7° 3	29° 5	26°18	25° 4	6°32	13°48	26°57	21°24	12°52	13° 0	21°57	n.a.	S 21
S 22	21 18 15	17°30'33	6♓41	6°26	0♎15	27° 1	25°15	6°40	13°48	26°55	21°23	12°39	12°56	22° 4	n.a.	S 22
M23	21 22 11	18°29'38	18°57	5°59	1°24	27°43	25°27	6°47	13°47	26°54	21°22	12°28	12°53	22°10	n.a.	M23
T 24	21 26 8	19°28'46	1♈21	5°42	2°33	28°25	25°39	6°54	13°46	26°52	21°21	12°19	12°50	22°17	n.a.	T 24
W25	21 30 5	20°27'55	13°57	5°D36	3°42	29° 7	25°51	7° 2	13°46	26°51	21°20	12°14	12°47	22°24	n.a.	W25
T 26	21 34 1	21°27'07	26°45	5°39	4°51	29°50	26° 3	7° 9	13°45	26°49	21°19	12°11	12°44	22°30	n.a.	T 26
F 27	21 37 58	22°26'22	9♉49	5°53	6° 0	0♎32	26°15	7°16	13°45	26°48	21°18	12°D11	12°40	22°37	n.a.	F 27
S 28	21 41 54	23°25'39	23°12	6°17	7° 9	1°15	26°27	7°24	13°45	26°47	21°17	12°R11	12°37	22°44	n.a.	S 28
S 29	21 45 51	24°24'59	6♊56	6°51	8°17	1°57	26°39	7°31	13°44	26°45	21°16	12°10	12°34	22°51	n.a.	S 29
M30	21 49 47	25°24'21	21° 3	7°34	9°26	2°40	26°51	7°38	13°44	26°44	21°15	12° 8	12°31	22°57	n.a.	M30
T 31	21 53 44	26♌23'45	5♋33	8♌25	10♎34	3♎23	27♍ 4	7♌45	13♐44	26♑42	21♓14	12♏ 4	12♏28	23♑ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n 6	18n51	1s 5	11n40	3s31	10n 1	0n29	7n17	0n21	4n37	1n15	20n58	1n28	23s 7	0s15	21s42	0s43	18s59	17s 7	16s38	16s19	17s43			n.a.
M 2	20 55	20 19	2 16	11 30	3 39	9 32	0 26	7 0	0 20	4 32	1 15	20 56	1 28	23 7	0 15	21 42	0 43	19 0	17 8	16 38	16 18	17 41			n.a.
T 3	20 43	20 26	3 21	11 22	3 46	9 2	0 23	6 44	0 19	4 28	1 15	20 55	1 28	23 7	0 15	21 43	0 43	19 0	17 8	16 36	16 17	17 40			n.a.
W 4	20 30	19 7	4 12	11 17	3 52	8 32	0 19	6 27	0 18	4 24	1 15	20 53	1 28	23 7	0 15	21 43	0 43	19 1	17 8	16 34	16 16	17 39			n.a.
T 5	20 17	16 25	4 47	11 15	3 58	8 2	0 16	6 10	0 18	4 19	1 15	20 51	1 28	23 6	0 15	21 43	0 43	19 1	17 8	16 31	16 15	17 37			n.a.
F 6	20 4	12 36	5 1	11 16	4 2	7 31	0 12	5 53	0 17	4 15	1 14	20 49	1 28	23 6	0 15	21 44	0 43	19 2	17 9	16 28	16 14	17 36			n.a.
S 7	19 51	8 1	4 54	11 21	4 5	7 1	0 9	5 37	0 16	4 11	1 14	20 48	1 28	23 6	0 15	21 44	0 43	19 2	17 9	16 25	16 13	17 35			n.a.
S 8	19 37	3 3	4 27	11 28	4 7	6 30	0 5	5 20	0 15	4 6	1 14	20 46	1 28	23 6	0 15	21 44	0 43	19 3	17 9	16 22	16 12	17 33			n.a.
M 9	19 23	1s56	3 44	11 39	4 7	5 59	0 1	5 3	0 14	4 2	1 14	20 44	1 28	23 6	0 15	21 45	0 43	19 3	17 9	16 20	16 11	17 32			n.a.
T 10	19 8	6 39	2 49	11 54	4 6	5 28	0s 2	4 45	0 14	3 57	1 14	20 42	1 28	23 6	0 15	21 45	0 43	19 4	17 10	16 19	16 10	17 31			n.a.
W11	18 54	10 53	1 47	12 12	4 3	4 56	0 6	4 28	0 13	3 53	1 13	20 40	1 28	23 5	0 15	21 45	0 43	19 4	17 10	16 18	16 9	17 29			n.a.
T 12	18 38	14 29	0 41	12 33	3 58	4 25	0 10	4 11	0 12	3 48	1 13	20 39	1 28	23 5	0 15	21 46	0 43	19 5	17 10	16 18	16 8	17 28			n.a.
F 13	18 23	17 17	0n25	12 57	3 51	3 54	0 14	3 54	0 11	3 43	1 13	20 37	1 28	23 5	0 15	21 46	0 43	19 5	17 10	16 18	16 7	17 27			n.a.
S 14	18 7	19 15	1 29	13 24	3 42	3 22	0 18	3 37	0 10	3 39	1 13	20 35	1 29	23 5	0 15	21 46	0 43	19 6	17 11	16 18	16 6	17 25			n.a.
S 15	17 51	20 18	2 27	13 53	3 30	2 51	0 22	3 19	0 10	3 34	1 13	20 33	1 29	23 5	0 15	21 47	0 43	19 7	17 11	16 17	16 5	17 24			n.a.
M16	17 35	20 26	3 18	14 24	3 17	2 19	0 26	3 2	0 9	3 29	1 13	20 31	1 29	23 5	0 15	21 47	0 43	19 7	17 11	16 15	16 4	17 23			n.a.
T 17	17 18	19 39	4 1	14 56	3 3	1 47	0 30	2 44	0 8	3 25	1 12	20 30	1 29	23 5	0 15	21 47	0 43	19 8	17 11	16 13	16 3	17 21			n.a.
W18	17 1	18 0	4 32	15 28	2 46	1 15	0 34	2 27	0 7	3 20	1 12	20 28	1 29	23 5	0 15	21 48	0 43	19 8	17 12	16 10	16 2	17 20			n.a.
T 19	16 44	15 36	4 52	16 0	2 28	0 44	0 38	2 9	0 6	3 15	1 12	20 26	1 29	23 5	0 15	21 48	0 43	19 9	17 12	16 6	16 1	17 19			n.a.
F 20	16 26	12 32	4 59	16 32	2 10	0 12	0 42	1 52	0 6	3 10	1 12	20 24	1 29	23 4	0 15	21 48	0 43	19 9	17 12	16 1	16 0	17 17			n.a.
S 21	16 8	8 57	4 53	17 2	1 51	0s20	0 46	1 34	0 5	3 5	1 12	20 22	1 29	23 4	0 15	21 49	0 43	19 10	17 12	15 57	15 59	17 16			n.a.
S 22	15 50	4 58	4 34	17 30	1 31	0 52	0 50	1 16	0 4	3 1	1 12	20 21	1 29	23 4	0 15	21 49	0 43	19 10	17 12	15 53	15 58	17 14			n.a.
M23	15 32	0 45	4 2	17 56	1 11	1 24	0 54	0 59	0 3	2 56	1 12	20 19	1 29	23 4	0 15	21 49	0 43	19 11	17 13	15 49	15 57	17 13			n.a.
T 24	15 13	3n34	3 18	18 19	0 52	1 55	0 58	0 41	0 3	2 51	1 11	20 17	1 29	23 4	0 15	21 50	0 43	19 11	17 13	15 47	15 56	17 12			n.a.
W25	14 54	7 47	2 23	18 39	0 33	2 27	1 3	0 23	0 2	2 46	1 11	20 15	1 30	23 4	0 15	21 50	0 43	19 12	17 13	15 45	15 55	17 10			n.a.
T 26	14 35	11 44	1 21	18 55	0 15	2 59	1 7	0 5	0 1	2 41	1 11	20 13	1 30	23 4	0 15	21 50	0 43	19 12	17 13	15 44	15 54	17 9			n.a.
F 27	14 15	15 11	0 13	19 9	0n 3	3 30	1 11	0s13	0 0	2 36	1 11	20 12	1 30	23 4	0 15	21 50	0 43	19 13	17 13	15 44	15 53	17 7			n.a.
S 28	13 56	17 56	0s58	19 18	0 19	4 2	1 15	0 31	0s 0	2 31	1 11	20 10	1 30	23 4	0 15	21 51	0 43	19 14	17 13	15 44	15 52	17 6			n.a.
S 29	13 36	19 44	2 7	19 24	0 34	4 33	1 20	0 48	0 1	2 26	1 11	20 8	1 30	23 4	0 15	21 51	0 43	19 14	17 14	15 44	15 52	17 5			n.a.
M30	13 16	20 21	3 10	19 26	0 47	5 5	1 24	1 6	0 2	2 21	1 11	20 6	1 30	23 4	0 15	21 51	0 43	19 15	17 14	15 43	15 51	17 3			n.a.
T 31	12n55	19n40	4s 3	19n25	1n 0	5s36	1s28	1s24	0s 3	2n16	1n10	20n 5	1n30	23s 4	0s15	21s52	0s43	19s15	17s14	15s42	15s50	17s 2			n.a.

Julian Day Number = 1314381.5, Delta T = 07h38m39s
Ecliptic obliquity = 23°49'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'32, Lahiri = -19°20'31 Julian Calendar 1 Aug. 1115 BCE == Greg. Calendar 21 July 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

SEPTEMBER 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 57 40	27♌23'12	20♋22	9♌24	11♎43	4♎ 5	27♍16	7♌52	13°R44	26°R41	21°R13	11°R56	12♏25	23♑11	n.a.	W 1
T 2	22 1 37	28°22'42	5♌23	10°30	12°51	4°48	27°28	7°59	13♐44	26♑40	21♓12	11♏47	12°21	23°17	n.a.	T 2
F 3	22 5 33	29°22'13	20°29	11°42	13°59	5°31	27°41	8° 7	13°44	26°38	21°11	11°36	12°18	23°24	n.a.	F 3
S 4	22 9 30	0♍21'47	5♍28	13° 0	15° 7	6°14	27°53	8°14	13°D44	26°37	21°10	11°26	12°15	23°31	n.a.	S 4
S 5	22 13 27	1°21'23	20°11	14°22	16°15	6°57	28° 6	8°21	13°44	26°36	21° 9	11°16	12°12	23°38	n.a.	S 5
M 6	22 17 23	2°21'01	4♎31	15°48	17°22	7°41	28°18	8°28	13°44	26°34	21° 8	11° 9	12° 9	23°44	n.a.	M 6
T 7	22 21 20	3°20'41	18°23	17°18	18°30	8°24	28°31	8°35	13°44	26°33	21° 7	11° 4	12° 5	23°51	n.a.	T 7
W 8	22 25 16	4°20'23	1♏47	18°50	19°37	9° 7	28°44	8°42	13°44	26°32	21° 6	11° 2	12° 2	23°58	n.a.	W 8
T 9	22 29 13	5°20'07	14°43	20°25	20°44	9°51	28°56	8°49	13°44	26°31	21° 5	11°D 2	11°59	24° 4	n.a.	T 9
F 10	22 33 9	6°19'53	27°17	22° 2	21°52	10°34	29° 9	8°55	13°45	26°29	21° 4	11° 2	11°56	24°11	n.a.	F 10
S 11	22 37 6	7°19'41	9♐33	23°40	22°58	11°17	29°22	9° 2	13°45	26°28	21° 3	11°R 3	11°53	24°18	n.a.	S 11
S 12	22 41 2	8°19'30	21°35	25°19	24° 5	12° 1	29°35	9° 9	13°45	26°27	21° 2	11° 2	11°50	24°25	n.a.	S 12
M13	22 44 59	9°19'22	3♑29	27° 0	25°12	12°45	29°47	9°16	13°46	26°26	21° 0	10°58	11°46	24°31	n.a.	M13
T 14	22 48 56	10°19'15	15°20	28°41	26°18	13°28	0♎ 0	9°23	13°46	26°25	20°59	10°53	11°43	24°38	n.a.	T 14
W15	22 52 52	11°19'10	27°12	0♍22	27°25	14°12	0°13	9°29	13°47	26°24	20°58	10°45	11°40	24°45	n.a.	W15
T 16	22 56 49	12°19'07	9♒ 8	2° 4	28°31	14°56	0°26	9°36	13°47	26°23	20°57	10°35	11°37	24°52	n.a.	T 16
F 17	23 0 45	13°19'06	21°11	3°46	29°36	15°40	0°39	9°43	13°48	26°22	20°56	10°24	11°34	24°58	n.a.	F 17
S 18	23 4 42	14°19'07	3♓22	5°28	0♏42	16°24	0°52	9°49	13°49	26°21	20°55	10°13	11°31	25° 5	n.a.	S 18
S 19	23 8 38	15°19'09	15°43	7° 9	1°48	17° 8	1° 5	9°56	13°50	26°20	20°54	10° 3	11°27	25°12	n.a.	S 19
M20	23 12 35	16°19'14	28°14	8°51	2°53	17°52	1°18	10° 2	13°50	26°19	20°52	9°54	11°24	25°18	n.a.	M20
T 21	23 16 31	17°19'21	10♈55	10°32	3°58	18°36	1°31	10° 9	13°51	26°18	20°51	9°48	11°21	25°25	n.a.	T 21
W22	23 20 28	18°19'30	23°47	12°13	5° 3	19°20	1°45	10°15	13°52	26°17	20°50	9°44	11°18	25°32	n.a.	W22
T 23	23 24 24	19°19'41	6♉50	13°53	6° 7	20° 5	1°58	10°21	13°53	26°16	20°49	9°D43	11°15	25°39	n.a.	T 23
F 24	23 28 21	20°19'54	20° 6	15°34	7°12	20°49	2°11	10°28	13°54	26°16	20°48	9°44	11°11	25°45	n.a.	F 24
S 25	23 32 18	21°20'09	3♊35	17°13	8°16	21°33	2°24	10°34	13°55	26°15	20°47	9°45	11° 8	25°52	n.a.	S 25
S 26	23 36 14	22°20'27	17°19	18°53	9°20	22°18	2°37	10°40	13°56	26°14	20°46	9°R46	11° 5	25°59	n.a.	S 26
M27	23 40 11	23°20'47	1♋19	20°32	10°23	23° 2	2°51	10°46	13°57	26°13	20°44	9°45	11° 2	26° 5	n.a.	M27
T 28	23 44 7	24°21'09	15°33	22°10	11°26	23°47	3° 4	10°52	13°59	26°13	20°43	9°44	10°59	26°12	n.a.	T 28
W29	23 48 4	25°21'34	0♌ 1	23°48	12°30	24°32	3°17	10°58	14° 0	26°12	20°42	9°40	10°56	26°19	n.a.	W29
T 30	23 52 0	26♍22'00	14♌38	25♍26	13♏32	25♎16	3♎30	11♌ 4	14♐ 1	26♑11	20♓41	9♏34	10♏52	26♑26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	12n34	17n38	4s41	19n19	1n11	6s 7	1s32	1s42	0s 4	2n11	1n10	20n 3	1n30	23s 4	0s15	21s52	0s43	19s16	17s14	15s40	15s49	17s 1			n.a.
T 2	12 14	14 23	5 0	19 11	1 21	6 38	1 37	2 0	0 4	2 5	1 10	20 1	1 30	23 4	0 15	21 52	0 43	19 16	17 14	15 37	15 48	16 59			n.a.
F 3	11 53	10 11	4 58	18 59	1 29	7 9	1 41	2 18	0 5	2 0	1 10	19 59	1 30	23 4	0 15	21 52	0 43	19 17	17 14	15 34	15 47	16 58			n.a.
S 4	11 31	5 23	4 36	18 44	1 37	7 40	1 45	2 36	0 6	1 55	1 10	19 57	1 31	23 4	0 15	21 53	0 43	19 17	17 14	15 30	15 46	16 56			n.a.
S 5	11 10	0 21	3 56	18 25	1 43	8 10	1 49	2 54	0 6	1 50	1 10	19 56	1 31	23 4	0 15	21 53	0 43	19 18	17 14	15 27	15 45	16 55			n.a.
M 6	10 48	4s35	3 1	18 4	1 48	8 40	1 54	3 12	0 7	1 45	1 10	19 54	1 31	23 4	0 15	21 53	0 43	19 18	17 15	15 25	15 44	16 53			n.a.
T 7	10 26	9 7	1 57	17 40	1 52	9 11	1 58	3 30	0 8	1 40	1 10	19 52	1 31	23 4	0 15	21 53	0 43	19 19	17 15	15 23	15 43	16 52			n.a.
W 8	10 4	13 3	0 49	17 14	1 55	9 40	2 2	3 48	0 9	1 34	1 9	19 50	1 31	23 4	0 15	21 54	0 43	19 19	17 15	15 23	15 42	16 51			n.a.
T 9	9 42	16 12	0n20	16 45	1 57	10 10	2 6	4 6	0 9	1 29	1 9	19 49	1 31	23 4	0 15	21 54	0 43	19 20	17 15	15 23	15 41	16 49			n.a.
F 10	9 20	18 29	1 26	16 15	1 58	10 40	2 10	4 24	0 10	1 24	1 9	19 47	1 31	23 4	0 15	21 54	0 43	19 20	17 15	15 23	15 40	16 48			n.a.
S 11	8 57	19 50	2 26	15 42	1 58	11 9	2 15	4 42	0 11	1 19	1 9	19 45	1 32	23 4	0 15	21 54	0 43	19 21	17 15	15 23	15 39	16 46			n.a.
S 12	8 35	20 15	3 19	15 8	1 58	11 38	2 19	5 0	0 12	1 13	1 9	19 44	1 32	23 4	0 15	21 54	0 43	19 21	17 15	15 23	15 38	16 45			n.a.
M13	8 12	19 45	4 2	14 32	1 57	12 7	2 23	5 18	0 12	1 8	1 9	19 42	1 32	23 4	0 15	21 55	0 43	19 22	17 15	15 22	15 37	16 44			n.a.
T 14	7 49	18 23	4 35	13 55	1 55	12 35	2 27	5 36	0 13	1 3	1 9	19 40	1 32	23 4	0 15	21 55	0 43	19 22	17 15	15 20	15 36	16 42			n.a.
W15	7 26	16 13	4 56	13 17	1 53	13 3	2 31	5 54	0 14	0 57	1 9	19 39	1 32	23 4	0 15	21 55	0 43	19 23	17 15	15 17	15 35	16 41			n.a.
T 16	7 3	13 23	5 4	12 38	1 51	13 31	2 35	6 12	0 14	0 52	1 9	19 37	1 32	23 4	0 15	21 55	0 43	19 23	17 15	15 14	15 34	16 39			n.a.
F 17	6 40	9 57	4 59	11 57	1 48	13 59	2 39	6 30	0 15	0 47	1 9	19 35	1 32	23 4	0 15	21 55	0 43	19 24	17 15	15 11	15 33	16 38			n.a.
S 18	6 16	6 5	4 40	11 16	1 44	14 26	2 42	6 48	0 16	0 42	1 8	19 34	1 33	23 4	0 15	21 56	0 43	19 24	17 15	15 7	15 32	16 36			n.a.
S 19	5 53	1 55	4 8	10 34	1 40	14 53	2 46	7 5	0 17	0 36	1 8	19 32	1 33	23 4	0 15	21 56	0 43	19 25	17 15	15 4	15 31	16 35			n.a.
M20	5 29	2n23	3 24	9 52	1 36	15 19	2 50	7 23	0 17	0 31	1 8	19 30	1 33	23 5	0 15	21 56	0 43	19 25	17 15	15 1	15 30	16 33			n.a.
T 21	5 5	6 39	2 28	9 8	1 31	15 46	2 54	7 41	0 18	0 25	1 8	19 29	1 33	23 5	0 15	21 56	0 43	19 26	17 15	14 59	15 29	16 32			n.a.
W22	4 41	10 41	1 25	8 25	1 26	16 11	2 57	7 59	0 19	0 20	1 8	19 27	1 33	23 5	0 15	21 56	0 43	19 26	17 15	14 58	15 28	16 31			n.a.
T 23	4 17	14 16	0 16	7 41	1 21	16 37	3 1	8 16	0 19	0 15	1 8	19 25	1 33	23 5	0 15	21 56	0 43	19 27	17 15	14 58	15 27	16 29			n.a.
F 24	3 53	17 10	0s56	6 57	1 16	17 2	3 4	8 34	0 20	0 9	1 8	19 24	1 33	23 5	0 15	21 57	0 43	19 27	17 15	14 58	15 26	16 28			n.a.
S 25	3 29	19 10	2 5	6 12	1 10	17 26	3 8	8 51	0 21	0 4	1 8	19 22	1 34	23 5	0 15	21 57	0 43	19 28	17 15	14 58	15 25	16 26			n.a.
S 26	3 5	20 5	3 9	5 27	1 5	17 51	3 11	9 9	0 21	0s 2	1 8	19 21	1 34	23 5	0 15	21 57	0 43	19 28	17 15	14 58	15 24	16 25			n.a.
M27	2 41	19 47	4 2	4 43	0 59	18 14	3 14	9 26	0 22	0 7	1 8	19 19	1 34	23 5	0 15	21 57	0 43	19 29	17 15	14 58	15 23	16 23			n.a.
T 28	2 17	18 14	4 42	3 58	0 53	18 38	3 18	9 44	0 23	0 12	1 8	19 18	1 34	23 5	0 15	21 57	0 43	19 29	17 15	14 58	15 22	16 22			n.a.
W29	1 52	15 31	5 4	3 13	0 47	19 1	3 21	10 1	0 23	0 18	1 8	19 16	1 34	23 6	0 15	21 57	0 43	19 29	17 15	14 56	15 21	16 20			n.a.
T 30	1n28	11n48	5s 8	2n28	0n40	19s23	3s24	10s18	0s24	0s23	1n 8	19n15	1n34	23s 6	0s15	21s57	0s43	19s30	17s15	14s55	15s20	16s19			n.a.

Julian Day Number = 1314412.5, Delta T = 07h38m37s
Ecliptic obliquity = 23°49'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'28, Lahiri = -19°20'27 Julian Calendar 1 Sept. 1115 BCE == Greg. Calendar 21 Aug. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

OCTOBER 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 55 57	27♍22'28	29♌18	27♍ 4	14♏35	26♎ 1	3♎44	11♌10	14♐ 3	26°R11	20°R40	9°R27	10♏49	26♉32	n.a.	F 1
S 2	23 59 53	28°22'58	13♍54	28°40	15°37	26°46	3°57	11°16	14° 4	26♉10	20♓39	9♏21	10°46	26°39	n.a.	S 2
S 3	0 3 50	29°23'31	28°19	0♎17	16°39	27°31	4°10	11°22	14° 6	26°10	20°38	9°15	10°43	26°46	n.a.	S 3
M 4	0 7 46	0♎24'04	12♎27	1°53	17°40	28°16	4°24	11°27	14° 7	26° 9	20°37	9°10	10°40	26°52	n.a.	M 4
T 5	0 11 43	1°24'40	26°14	3°29	18°42	29° 1	4°37	11°33	14° 9	26° 9	20°35	9° 7	10°36	26°59	n.a.	T 5
W 6	0 15 40	2°25'17	9♏36	5° 5	19°42	29°46	4°50	11°39	14°10	26° 8	20°34	9°D 7	10°33	27° 6	n.a.	W 6
T 7	0 19 36	3°25'56	22°35	6°40	20°43	0♏31	5° 4	11°44	14°12	26° 8	20°33	9° 7	10°30	27°13	n.a.	T 7
F 8	0 23 33	4°26'36	5♐12	8°15	21°43	1°16	5°17	11°50	14°14	26° 7	20°32	9° 9	10°27	27°19	n.a.	F 8
S 9	0 27 29	5°27'17	17°31	9°49	22°43	2° 2	5°30	11°55	14°15	26° 7	20°31	9°11	10°24	27°26	n.a.	S 9
S 10	0 31 26	6°28'00	29°36	11°24	23°42	2°47	5°44	12° 0	14°17	26° 7	20°30	9°12	10°21	27°33	n.a.	S 10
M11	0 35 22	7°28'44	11♑32	12°58	24°41	3°32	5°57	12° 6	14°19	26° 6	20°29	9°R12	10°17	27°39	n.a.	M11
T 12	0 39 19	8°29'29	23°24	14°32	25°39	4°18	6°11	12°11	14°21	26° 6	20°28	9°11	10°14	27°46	n.a.	T 12
W13	0 43 15	9°30'16	5♒17	16° 5	26°37	5° 3	6°24	12°16	14°23	26° 6	20°27	9° 8	10°11	27°53	n.a.	W13
T 14	0 47 12	10°31'03	17°15	17°39	27°34	5°49	6°37	12°21	14°25	26° 6	20°26	9° 4	10° 8	28° 0	n.a.	T 14
F 15	0 51 9	11°31'52	29°22	19°12	28°31	6°34	6°51	12°26	14°27	26° 6	20°24	9° 0	10° 5	28° 6	n.a.	F 15
S 16	0 55 5	12°32'42	11♓40	20°45	29°28	7°20	7° 4	12°31	14°29	26° 5	20°23	8°55	10° 2	28°13	n.a.	S 16
S 17	0 59 2	13°33'34	24°13	22°18	0♐23	8° 5	7°17	12°36	14°31	26° 5	20°22	8°51	9°58	28°20	n.a.	S 17
M18	1 2 58	14°34'26	6♈59	23°50	1°19	8°51	7°31	12°40	14°33	26° 5	20°21	8°47	9°55	28°27	n.a.	M18
T 19	1 6 55	15°35'20	20° 0	25°23	2°13	9°37	7°44	12°45	14°35	26°D 5	20°20	8°45	9°52	28°33	n.a.	T 19
W20	1 10 51	16°36'15	3♉16	26°55	3° 7	10°23	7°57	12°50	14°37	26° 5	20°19	8°D44	9°49	28°40	n.a.	W20
T 21	1 14 48	17°37'12	16°44	28°27	4° 1	11° 8	8°11	12°54	14°40	26° 5	20°18	8°44	9°46	28°47	n.a.	T 21
F 22	1 18 44	18°38'10	0♊23	29°59	4°53	11°54	8°24	12°58	14°42	26° 6	20°17	8°45	9°42	28°53	n.a.	F 22
S 23	1 22 41	19°39'09	14°12	1♏31	5°45	12°40	8°37	13° 3	14°44	26° 6	20°16	8°46	9°39	29° 0	n.a.	S 23
S 24	1 26 38	20°40'10	28°10	3° 3	6°37	13°26	8°50	13° 7	14°47	26° 6	20°15	8°47	9°36	29° 7	n.a.	S 24
M25	1 30 34	21°41'12	12♋14	4°34	7°27	14°12	9° 4	13°11	14°49	26° 6	20°14	8°48	9°33	29°14	n.a.	M25
T 26	1 34 31	22°42'16	26°24	6° 5	8°17	14°58	9°17	13°15	14°51	26° 6	20°13	8°R48	9°30	29°20	n.a.	T 26
W27	1 38 27	23°43'21	10♌37	7°36	9° 6	15°45	9°30	13°19	14°54	26° 7	20°12	8°48	9°27	29°27	n.a.	W27
T 28	1 42 24	24°44'27	24°51	9° 7	9°54	16°31	9°43	13°23	14°56	26° 7	20°12	8°47	9°23	29°34	n.a.	T 28
F 29	1 46 20	25°45'35	9♍ 2	10°37	10°41	17°17	9°56	13°27	14°59	26° 7	20°11	8°45	9°20	29°40	n.a.	F 29
S 30	1 50 17	26°46'43	23° 8	12° 7	11°28	18° 3	10°10	13°31	15° 2	26° 8	20°10	8°43	9°17	29°47	n.a.	S 30
S 31	1 54 13	27♎47'53	7♎ 5	13♏37	12♐13	18♏49	10♎23	13♌34	15♐ 4	26♉ 8	20♓ 9	8♏42	9♏14	29♉54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 4	7n22	4s51	1n42	0n34	19s45	3s27	10s35	0s25	0s29	1n 7	19n13	1n35	23s 6	0s15	21s58	0s43	19s30	17s15	14s52	15s19	16s17		n.a.
S 2	0 39	2 31	4 15	0 58	0 28	20 7	3 29	10 53	0 25	0 34	1 7	19 12	1 35	23 6	0 15	21 58	0 43	19 31	17 15	14 50	15 18	16 16		n.a.
S 3	0 15	2s25	3 23	0 13	0 21	20 28	3 32	11 10	0 26	0 39	1 7	19 10	1 35	23 6	0 15	21 58	0 43	19 31	17 15	14 48	15 17	16 14		n.a.
M 4	0s10	7 8	2 20	0s32	0 15	20 48	3 35	11 27	0 27	0 45	1 7	19 9	1 35	23 6	0 15	21 58	0 43	19 31	17 15	14 47	15 16	16 13		n.a.
T 5	0 34	11 22	1 10	1 17	0 8	21 8	3 37	11 44	0 27	0 50	1 7	19 7	1 35	23 7	0 15	21 58	0 43	19 32	17 15	14 46	15 15	16 12		n.a.
W 6	0 59	14 53	0n 3	2 1	0 2	21 28	3 39	12 0	0 28	0 56	1 7	19 6	1 36	23 7	0 15	21 58	0 43	19 32	17 15	14 46	15 14	16 10		n.a.
T 7	1 23	17 32	1 13	2 46	0s 5	21 47	3 42	12 17	0 29	1 1	1 7	19 4	1 36	23 7	0 15	21 58	0 43	19 33	17 15	14 46	15 13	16 9		n.a.
F 8	1 48	19 15	2 18	3 30	0 11	22 5	3 44	12 34	0 29	1 7	1 7	19 3	1 36	23 7	0 15	21 58	0 43	19 33	17 15	14 47	15 12	16 7		n.a.
S 9	2 12	20 0	3 14	4 13	0 18	22 23	3 46	12 50	0 30	1 12	1 7	19 2	1 36	23 7	0 15	21 58	0 43	19 33	17 15	14 47	15 11	16 6		n.a.
S 10	2 36	19 48	4 1	4 57	0 24	22 40	3 48	13 7	0 31	1 17	1 7	19 0	1 36	23 8	0 15	21 58	0 43	19 34	17 14	14 47	15 10	16 4		n.a.
M11	3 1	18 43	4 37	5 40	0 31	22 57	3 50	13 23	0 31	1 23	1 7	18 59	1 37	23 8	0 15	21 58	0 43	19 34	17 14	14 48	15 9	16 3		n.a.
T 12	3 25	16 49	5 1	6 23	0 37	23 13	3 51	13 39	0 32	1 28	1 7	18 58	1 37	23 8	0 15	21 58	0 43	19 34	17 14	14 47	15 8	16 1		n.a.
W13	3 49	14 12	5 12	7 5	0 43	23 29	3 53	13 55	0 32	1 34	1 7	18 57	1 37	23 8	0 15	21 58	0 43	19 35	17 14	14 46	15 7	16 0		n.a.
T 14	4 14	11 0	5 10	7 48	0 50	23 44	3 54	14 11	0 33	1 39	1 7	18 55	1 37	23 9	0 15	21 58	0 43	19 35	17 14	14 45	15 6	15 58		n.a.
F 15	4 38	7 18	4 53	8 29	0 56	23 58	3 55	14 27	0 34	1 44	1 7	18 54	1 37	23 9	0 15	21 58	0 43	19 35	17 14	14 44	15 4	15 57		n.a.
S 16	5 2	3 15	4 24	9 11	1 2	24 12	3 56	14 43	0 34	1 50	1 7	18 53	1 38	23 9	0 15	21 58	0 43	19 36	17 14	14 42	15 3	15 55		n.a.
S 17	5 26	1n 2	3 41	9 51	1 8	24 25	3 57	14 59	0 35	1 55	1 7	18 52	1 38	23 9	0 15	21 58	0 43	19 36	17 13	14 41	15 2	15 54		n.a.
M18	5 50	5 21	2 46	10 32	1 13	24 37	3 58	15 14	0 35	2 0	1 7	18 51	1 38	23 9	0 15	21 58	0 43	19 36	17 13	14 39	15 1	15 52		n.a.
T 19	6 14	9 30	1 41	11 12	1 19	24 49	3 58	15 30	0 36	2 6	1 7	18 49	1 38	23 10	0 15	21 58	0 43	19 36	17 13	14 39	15 0	15 51		n.a.
W20	6 38	13 16	0 30	11 51	1 25	25 1	3 58	15 45	0 37	2 11	1 7	18 48	1 38	23 10	0 15	21 58	0 43	19 37	17 13	14 38	14 59	15 49		n.a.
T 21	7 1	16 24	0s44	12 30	1 30	25 11	3 58	16 0	0 37	2 17	1 7	18 47	1 39	23 10	0 15	21 58	0 43	19 37	17 13	14 38	14 58	15 47		n.a.
F 22	7 25	18 40	1 57	13 8	1 35	25 22	3 58	16 15	0 38	2 22	1 7	18 46	1 39	23 11	0 15	21 58	0 43	19 37	17 13	14 39	14 57	15 46		n.a.
S 23	7 48	19 50	3 3	13 45	1 40	25 31	3 58	16 30	0 38	2 27	1 7	18 45	1 39	23 11	0 15	21 58	0 43	19 37	17 12	14 39	14 56	15 44		n.a.
S 24	8 12	19 49	4 0	14 22	1 45	25 40	3 58	16 45	0 39	2 32	1 7	18 44	1 39	23 11	0 15	21 58	0 43	19 38	17 12	14 40	14 55	15 43		n.a.
M25	8 35	18 33	4 43	14 58	1 50	25 48	3 57	16 59	0 39	2 38	1 7	18 43	1 40	23 11	0 15	21 58	0 43	19 38	17 12	14 40	14 54	15 41		n.a.
T 26	8 58	16 10	5 9	15 33	1 54	25 55	3 56	17 14	0 40	2 43	1 7	18 42	1 40	23 12	0 15	21 58	0 43	19 38	17 12	14 40	14 53	15 40		n.a.
W27	9 21	12 48	5 16	16 7	1 58	26 2	3 55	17 28	0 41	2 48	1 7	18 41	1 40	23 12	0 15	21 58	0 43	19 38	17 12	14 40	14 52	15 38		n.a.
T 28	9 44	8 41	5 4	16 41	2 2	26 8	3 54	17 42	0 41	2 54	1 7	18 40	1 40	23 12	0 15	21 58	0 43	19 38	17 11	14 39	14 51	15 37		n.a.
F 29	10 7	4 6	4 33	17 13	2 5	26 14	3 52	17 56	0 42	2 59	1 7	18 39	1 40	23 12	0 15	21 58	0 43	19 38	17 11	14 39	14 50	15 35		n.a.
S 30	10 29	0s41	3 46	17 45	2 8	26 19	3 50	18 10	0 42	3 4	1 7	18 38	1 41	23 13	0 15	21 58	0 43	19 39	17 11	14 38	14 49	15 34		n.a.
S 31	10s52	5s24	2s46	18s15	2s11	26s23	3s48	18s23	0s43	3s 9	1n 7	18n38	1n41	23s13	0s15	21s58	0s43	19s39	17s11	14s38	14s48	15s32		n.a.

Julian Day Number = 1314442.5, Delta T = 07h38m36s
Ecliptic obliquity = 23°49'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'23, Lahiri = -19°20'23 Julian Calendar 1 Oct. 1115 BCE == Greg. Calendar 20 Sept. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

NOVEMBER 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 58 10	28♎49'03	20♎49	15♏ 6	12♐58	19♏36	10♎36	13♌38	15♐ 7	26♑ 8	20°R 8	8°R41	9♏11	0♒ 1	n.a.	M 1
T 2	2 2 7	29°50'15	4♏17	16°34	13°41	20°22	10°49	13°41	15°10	26° 9	20♓ 7	8°D40	9° 7	0° 7	n.a.	T 2
W 3	2 6 3	0♏51'27	17°28	18° 1	14°23	21° 9	11° 2	13°45	15°12	26° 9	20° 6	8♏40	9° 4	0°14	n.a.	W 3
T 4	2 10 0	1°52'40	0♐21	19°28	15° 5	21°55	11°15	13°48	15°15	26°10	20° 5	8°41	9° 1	0°21	n.a.	T 4
F 5	2 13 56	2°53'53	12°56	20°54	15°45	22°42	11°28	13°51	15°18	26°11	20° 5	8°41	8°58	0°28	n.a.	F 5
S 6	2 17 53	3°55'07	25°15	22°18	16°23	23°28	11°41	13°54	15°21	26°11	20° 4	8°42	8°55	0°34	n.a.	S 6
S 7	2 21 49	4°56'22	7♑22	23°41	17° 1	24°15	11°53	13°57	15°24	26°12	20° 3	8°43	8°52	0°41	n.a.	S 7
M 8	2 25 46	5°57'37	19°19	25° 1	17°37	25° 1	12° 6	14° 0	15°27	26°13	20° 2	8°43	8°48	0°48	n.a.	M 8
T 9	2 29 42	6°58'52	1♒12	26°20	18°12	25°48	12°19	14° 3	15°29	26°13	20° 2	8°43	8°45	0°54	n.a.	T 9
W10	2 33 39	8° 0'07	13° 5	27°37	18°45	26°35	12°32	14° 5	15°32	26°14	20° 1	8°R43	8°42	1° 1	n.a.	W10
T 11	2 37 36	9° 1'22	25° 2	28°50	19°17	27°21	12°45	14° 8	15°35	26°15	20° 0	8°D43	8°39	1° 8	n.a.	T 11
F 12	2 41 32	10° 2'38	7♓ 9	0♐ 1	19°48	28° 8	12°57	14°10	15°38	26°16	19°59	8°43	8°36	1°15	n.a.	F 12
S 13	2 45 29	11° 3'54	19°29	1° 7	20°16	28°55	13°10	14°13	15°41	26°16	19°59	8°43	8°33	1°21	n.a.	S 13
S 14	2 49 25	12° 5'10	2♈ 6	2° 9	20°43	29°42	13°22	14°15	15°45	26°17	19°58	8°44	8°29	1°28	n.a.	S 14
M15	2 53 22	13° 6'26	15° 3	3° 6	21° 8	0♐28	13°35	14°17	15°48	26°18	19°58	8°44	8°26	1°35	n.a.	M15
T 16	2 57 18	14° 7'42	28°20	3°57	21°32	1°15	13°47	14°19	15°51	26°19	19°57	8°44	8°23	1°41	n.a.	T 16
W17	3 1 15	15° 8'58	11♉56	4°41	21°53	2° 2	14° 0	14°21	15°54	26°20	19°56	8°R44	8°20	1°48	n.a.	W17
T 18	3 5 12	16°10'14	25°51	5°17	22°13	2°49	14°12	14°23	15°57	26°21	19°56	8°44	8°17	1°55	n.a.	T 18
F 19	3 9 8	17°11'31	10♊ 0	5°45	22°30	3°36	14°24	14°25	16° 0	26°22	19°55	8°43	8°13	2° 2	n.a.	F 19
S 20	3 13 5	18°12'48	24°19	6° 4	22°46	4°23	14°37	14°26	16° 3	26°23	19°55	8°42	8°10	2° 8	n.a.	S 20
S 21	3 17 1	19°14'05	8♋43	6°R12	22°59	5°10	14°49	14°28	16° 7	26°24	19°54	8°41	8° 7	2°15	n.a.	S 21
M22	3 20 58	20°15'23	23° 7	6° 9	23°10	5°57	15° 1	14°29	16°10	26°26	19°54	8°40	8° 4	2°22	n.a.	M22
T 23	3 24 54	21°16'41	7♌26	5°55	23°19	6°44	15°13	14°31	16°13	26°27	19°53	8°39	8° 1	2°29	n.a.	T 23
W24	3 28 51	22°17'58	21°39	5°29	23°26	7°31	15°25	14°32	16°16	26°28	19°53	8°D39	7°58	2°35	n.a.	W24
T 25	3 32 47	23°19'17	5♍41	4°51	23°30	8°18	15°37	14°33	16°20	26°29	19°52	8°39	7°54	2°42	n.a.	T 25
F 26	3 36 44	24°20'35	19°33	4° 2	23°R31	9° 5	15°49	14°34	16°23	26°30	19°52	8°40	7°51	2°49	n.a.	F 26
S 27	3 40 41	25°21'53	3♎13	3° 3	23°31	9°52	16° 1	14°35	16°26	26°32	19°51	8°41	7°48	2°55	n.a.	S 27
S 28	3 44 37	26°23'11	16°42	1°55	23°28	10°40	16°13	14°36	16°30	26°33	19°51	8°42	7°45	3° 2	n.a.	S 28
M29	3 48 34	27°24'30	29°58	0°41	23°22	11°27	16°24	14°36	16°33	26°34	19°51	8°43	7°42	3° 9	n.a.	M29
T 30	3 52 30	28♏25'48	13♏ 1	29♏22	23♐14	12♐14	16♎36	14♌37	16♐37	26♑36	19♓50	8°R44	7♏39	3♒16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s14	9s45	1s37	18s45	2s13	26s27	3s46	18s37	0s43	3s14	1n 7	18n37	1n41	23s13	0s15	21s58	0s43	19s39	17s10	14s37	14s47	15s31		n.a.
T 2	11 36	13 32	0 24	19 13	2 15	26 30	3 43	18 50	0 44	3 20	1 7	18 36	1 41	23 14	0 15	21 57	0 43	19 39	17 10	14 37	14 46	15 29		n.a.
W 3	11 57	16 33	0n49	19 40	2 17	26 32	3 40	19 3	0 44	3 25	1 7	18 35	1 42	23 14	0 15	21 57	0 43	19 39	17 10	14 37	14 45	15 28		n.a.
T 4	12 19	18 38	1 57	20 5	2 18	26 34	3 37	19 16	0 45	3 30	1 7	18 34	1 42	23 14	0 15	21 57	0 43	19 39	17 10	14 37	14 44	15 26		n.a.
F 5	12 40	19 46	2 59	20 29	2 18	26 35	3 33	19 28	0 45	3 35	1 7	18 34	1 42	23 15	0 15	21 57	0 43	19 39	17 9	14 38	14 43	15 24		n.a.
S 6	13 2	19 54	3 51	20 52	2 18	26 36	3 30	19 41	0 46	3 40	1 7	18 33	1 42	23 15	0 15	21 57	0 43	19 39	17 9	14 38	14 42	15 23		n.a.
S 7	13 23	19 6	4 31	21 13	2 18	26 35	3 26	19 53	0 46	3 45	1 7	18 32	1 43	23 15	0 15	21 57	0 43	19 39	17 9	14 38	14 41	15 21		n.a.
M 8	13 43	17 28	4 59	21 32	2 16	26 35	3 21	20 5	0 47	3 50	1 7	18 32	1 43	23 16	0 15	21 57	0 43	19 40	17 9	14 38	14 40	15 20		n.a.
T 9	14 4	15 6	5 15	21 49	2 14	26 33	3 16	20 17	0 47	3 55	1 7	18 31	1 43	23 16	0 15	21 57	0 43	19 40	17 8	14 38	14 39	15 18		n.a.
W10	14 24	12 6	5 16	22 5	2 12	26 31	3 11	20 29	0 48	4 0	1 7	18 31	1 43	23 16	0 15	21 56	0 43	19 40	17 8	14 38	14 38	15 17		n.a.
T 11	14 44	8 36	5 5	22 18	2 8	26 28	3 6	20 40	0 48	4 5	1 7	18 30	1 44	23 17	0 15	21 56	0 43	19 40	17 8	14 38	14 37	15 15		n.a.
F 12	15 4	4 43	4 39	22 29	2 3	26 25	3 0	20 51	0 49	4 10	1 7	18 30	1 44	23 17	0 15	21 56	0 42	19 40	17 8	14 38	14 36	15 14		n.a.
S 13	15 23	0 33	4 1	22 38	1 58	26 21	2 54	21 2	0 49	4 15	1 7	18 29	1 44	23 17	0 15	21 56	0 42	19 40	17 7	14 38	14 35	15 12		n.a.
S 14	15 43	3n44	3 10	22 45	1 51	26 17	2 48	21 13	0 50	4 20	1 7	18 29	1 44	23 18	0 15	21 56	0 42	19 40	17 7	14 38	14 34	15 10		n.a.
M15	16 1	7 59	2 8	22 49	1 44	26 12	2 41	21 24	0 50	4 25	1 7	18 28	1 45	23 18	0 15	21 56	0 42	19 40	17 7	14 38	14 33	15 9		n.a.
T 16	16 20	11 57	0 57	22 50	1 35	26 6	2 33	21 34	0 51	4 30	1 7	18 28	1 45	23 18	0 15	21 55	0 42	19 40	17 6	14 39	14 32	15 7		n.a.
W17	16 38	15 23	0s18	22 48	1 25	26 0	2 26	21 44	0 51	4 35	1 7	18 28	1 45	23 19	0 15	21 55	0 42	19 40	17 6	14 39	14 31	15 6		n.a.
T 18	16 57	18 1	1 33	22 44	1 13	25 53	2 18	21 54	0 51	4 40	1 7	18 27	1 45	23 19	0 15	21 55	0 42	19 40	17 6	14 38	14 29	15 4		n.a.
F 19	17 14	19 36	2 45	22 36	1 1	25 45	2 9	22 4	0 52	4 44	1 7	18 27	1 46	23 19	0 15	21 55	0 42	19 39	17 5	14 38	14 28	15 3		n.a.
S 20	17 32	19 56	3 47	22 26	0 47	25 37	2 0	22 13	0 52	4 49	1 7	18 27	1 46	23 20	0 15	21 54	0 42	19 39	17 5	14 38	14 27	15 1		n.a.
S 21	17 49	18 58	4 34	22 12	0 31	25 29	1 51	22 22	0 53	4 54	1 7	18 27	1 46	23 20	0 15	21 54	0 42	19 39	17 5	14 37	14 26	14 59		n.a.
M22	18 6	16 48	5 5	21 55	0 15	25 19	1 41	22 31	0 53	4 59	1 7	18 26	1 46	23 20	0 15	21 54	0 42	19 39	17 4	14 37	14 25	14 58		n.a.
T 23	18 22	13 37	5 16	21 35	0n 3	25 10	1 31	22 40	0 54	5 3	1 7	18 26	1 47	23 21	0 15	21 54	0 42	19 39	17 4	14 37	14 24	14 56		n.a.
W24	18 38	9 39	5 8	21 12	0 22	24 59	1 20	22 48	0 54	5 8	1 7	18 26	1 47	23 21	0 15	21 54	0 42	19 39	17 4	14 37	14 23	14 55		n.a.
T 25	18 54	5 13	4 42	20 46	0 42	24 48	1 9	22 56	0 54	5 13	1 7	18 26	1 47	23 21	0 15	21 53	0 42	19 39	17 3	14 37	14 22	14 53		n.a.
F 26	19 10	0 32	3 59	20 17	1 2	24 37	0 57	23 4	0 55	5 17	1 7	18 26	1 47	23 22	0 15	21 53	0 42	19 39	17 3	14 37	14 21	14 51		n.a.
S 27	19 25	4s 6	3 4	19 46	1 22	24 25	0 45	23 12	0 55	5 22	1 7	18 26	1 48	23 22	0 15	21 53	0 42	19 39	17 3	14 37	14 20	14 50		n.a.
S 28	19 39	8 29	1 59	19 13	1 41	24 12	0 33	23 19	0 56	5 26	1 7	18 26	1 48	23 22	0 15	21 53	0 42	19 38	17 2	14 38	14 19	14 48		n.a.
M29	19 54	12 23	0 48	18 40	2 0	23 59	0 20	23 26	0 56	5 31	1 8	18 26	1 48	23 23	0 15	21 52	0 42	19 38	17 2	14 38	14 18	14 47		n.a.
T 30	20s 8	15s37	0n24	18s 6	2n17	23s45	0s 6	23s33	0s56	5s35	1n 8	18n26	1n48	23s23	0s15	21s52	0s42	19s38	17s 2	14s38	14s17	14s45		n.a.

Julian Day Number = 1314473.5, Delta T = 07h38m34s
Ecliptic obliquity = 23°49'33, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'19, Lahiri = -19°20'19 Julian Calendar 1 Nov. 1115 BCE == Greg. Calendar 21 Oct. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1115 BCE
geocentric

DECEMBER 1115 BCE (-1114) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 56 27	29♏27'06	25♏52	28°R 2	23°R 3	13♐ 1	16♎47	14♌37	16♐40	26♑37	19°R50	8°R43	7♏35	3♒22	n.a.	W 1
T 2	4 0 23	0♐28'23	8♐31	26♏42	22♐50	13°48	16°59	14°38	16°43	26°39	19♓50	8♏41	7°32	3°29	n.a.	T 2
F 3	4 4 20	1°29'40	20°57	25°26	22°34	14°36	17°10	14°38	16°47	26°40	19°50	8°37	7°29	3°36	n.a.	F 3
S 4	4 8 17	2°30'57	3♑11	24°15	22°16	15°23	17°22	14°38	16°50	26°42	19°49	8°33	7°26	3°43	n.a.	S 4
S 5	4 12 13	3°32'13	15°16	23°12	21°56	16°10	17°33	14°R38	16°54	26°43	19°49	8°29	7°23	3°49	n.a.	S 5
M 6	4 16 10	4°33'28	27°13	22°17	21°33	16°57	17°44	14°38	16°57	26°45	19°49	8°24	7°19	3°56	n.a.	M 6
T 7	4 20 6	5°34'42	9♒ 5	21°32	21° 8	17°45	17°55	14°38	17° 1	26°46	19°49	8°21	7°16	4° 3	n.a.	T 7
W 8	4 24 3	6°35'55	20°57	20°55	20°41	18°32	18° 6	14°38	17° 4	26°48	19°48	8°18	7°13	4° 9	n.a.	W 8
T 9	4 27 59	7°37'08	2♓52	20°29	20°12	19°19	18°17	14°37	17° 8	26°49	19°48	8°D17	7°10	4°16	n.a.	T 9
F 10	4 31 56	8°38'19	14°55	20°12	19°41	20° 7	18°28	14°37	17°11	26°51	19°48	8°17	7° 7	4°23	n.a.	F 10
S 11	4 35 52	9°39'30	27°12	20°D 4	19° 9	20°54	18°38	14°36	17°15	26°53	19°48	8°18	7° 4	4°30	n.a.	S 11
S 12	4 39 49	10°40'39	9♈47	20° 5	18°35	21°41	18°49	14°35	17°18	26°54	19°48	8°20	7° 0	4°36	n.a.	S 12
M13	4 43 46	11°41'48	22°43	20°14	18° 0	22°29	19° 0	14°34	17°22	26°56	19°48	8°22	6°57	4°43	n.a.	M13
T 14	4 47 42	12°42'55	6♉ 5	20°30	17°24	23°16	19°10	14°33	17°25	26°58	19°48	8°R22	6°54	4°50	n.a.	T 14
W15	4 51 39	13°44'01	19°52	20°53	16°47	24° 3	19°20	14°32	17°29	27° 0	19°D48	8°22	6°51	4°56	n.a.	W15
T 16	4 55 35	14°45'06	4♊ 4	21°22	16°10	24°51	19°31	14°31	17°32	27° 1	19°48	8°20	6°48	5° 3	n.a.	T 16
F 17	4 59 32	15°46'10	18°38	21°56	15°33	25°38	19°41	14°30	17°36	27° 3	19°48	8°16	6°45	5°10	n.a.	F 17
S 18	5 3 28	16°47'14	3♋25	22°36	14°56	26°26	19°51	14°29	17°39	27° 5	19°48	8°10	6°41	5°17	n.a.	S 18
S 19	5 7 25	17°48'16	18°19	23°20	14°19	27°13	20° 1	14°27	17°43	27° 7	19°48	8° 4	6°38	5°23	n.a.	S 19
M20	5 11 22	18°49'17	3♌11	24° 8	13°43	28° 0	20°10	14°26	17°46	27° 9	19°48	7°58	6°35	5°30	n.a.	M20
T 21	5 15 18	19°50'18	17°52	25° 1	13° 7	28°48	20°20	14°24	17°50	27°11	19°48	7°53	6°32	5°37	n.a.	T 21
W22	5 19 15	20°51'17	2♍18	25°56	12°33	29°35	20°30	14°22	17°53	27°12	19°49	7°49	6°29	5°44	n.a.	W22
T 23	5 23 11	21°52'16	16°25	26°55	12° 0	0♑23	20°39	14°20	17°57	27°14	19°49	7°D47	6°25	5°50	n.a.	T 23
F 24	5 27 8	22°53'14	0♎11	27°56	11°29	1°10	20°49	14°18	18° 0	27°16	19°49	7°48	6°22	5°57	n.a.	F 24
S 25	5 31 4	23°54'10	13°38	29° 1	10°59	1°57	20°58	14°16	18° 4	27°18	19°49	7°49	6°19	6° 4	n.a.	S 25
S 26	5 35 1	24°55'06	26°48	0♐ 7	10°32	2°45	21° 7	14°14	18° 7	27°20	19°49	7°50	6°16	6°10	n.a.	S 26
M27	5 38 57	25°56'01	9♏43	1°16	10° 6	3°32	21°16	14°12	18°11	27°22	19°50	7°R50	6°13	6°17	n.a.	M27
T 28	5 42 54	26°56'54	22°25	2°26	9°42	4°19	21°25	14° 9	18°14	27°24	19°50	7°49	6°10	6°24	n.a.	T 28
W29	5 46 51	27°57'47	4♐56	3°39	9°21	5° 7	21°34	14° 7	18°18	27°26	19°50	7°46	6° 6	6°31	n.a.	W29
T 30	5 50 47	28°58'38	17°18	4°53	9° 2	5°54	21°43	14° 4	18°21	27°28	19°51	7°40	6° 3	6°37	n.a.	T 30
F 31	5 54 44	29♐59'28	29♐31	6♐ 9	8♐46	6♑42	21♎51	14♌ 2	18♐25	27♑30	19♓51	7♏31	6♏ 0	6♒44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20s21	18s 2	1n33	17s33	2n33	23s31	0n 7	23s40	0s57	5s40	1n 8	18n26	1n49	23s23	0s15	21s52	0s42	19s38	17s 1	14s38	14s16	14s43			n.a.
T 2	20 35	19 30	2 37	17 2	2 47	23 16	0 21	23 46	0 57	5 44	1 8	18 26	1 49	23 24	0 15	21 51	0 42	19 38	17 1	14 37	14 15	14 42			n.a.
F 3	20 48	19 59	3 32	16 33	2 58	23 1	0 36	23 52	0 57	5 48	1 8	18 27	1 49	23 24	0 15	21 51	0 42	19 38	17 1	14 36	14 14	14 40			n.a.
S 4	21 0	19 31	4 16	16 8	3 7	22 46	0 50	23 58	0 58	5 53	1 8	18 27	1 50	23 24	0 15	21 51	0 42	19 37	17 0	14 35	14 13	14 39			n.a.
S 5	21 12	18 10	4 48	15 46	3 13	22 30	1 5	24 3	0 58	5 57	1 8	18 27	1 50	23 25	0 15	21 50	0 42	19 37	17 0	14 33	14 12	14 37			n.a.
M 6	21 24	16 2	5 7	15 28	3 17	22 13	1 20	24 8	0 58	6 1	1 8	18 27	1 50	23 25	0 15	21 50	0 42	19 37	17 0	14 32	14 11	14 35			n.a.
T 7	21 35	13 14	5 13	15 14	3 19	21 56	1 35	24 13	0 59	6 5	1 8	18 28	1 50	23 25	0 15	21 50	0 42	19 37	16 59	14 31	14 10	14 34			n.a.
W 8	21 46	9 55	5 6	15 4	3 19	21 39	1 51	24 18	0 59	6 10	1 8	18 28	1 51	23 26	0 15	21 50	0 42	19 36	16 59	14 30	14 9	14 32			n.a.
T 9	21 56	6 11	4 45	14 59	3 18	21 21	2 6	24 22	0 59	6 14	1 8	18 28	1 51	23 26	0 15	21 49	0 42	19 36	16 59	14 30	14 7	14 31			n.a.
F 10	22 6	2 10	4 12	14 58	3 15	21 4	2 22	24 26	1 0	6 18	1 8	18 29	1 51	23 27	0 15	21 49	0 42	19 36	16 58	14 30	14 6	14 29			n.a.
S 11	22 15	2n 1	3 26	15 0	3 10	20 46	2 37	24 30	1 0	6 22	1 8	18 29	1 51	23 27	0 15	21 49	0 42	19 35	16 58	14 30	14 5	14 27			n.a.
S 12	22 24	6 13	2 30	15 5	3 5	20 28	2 53	24 34	1 0	6 26	1 9	18 30	1 52	23 27	0 15	21 48	0 42	19 35	16 57	14 31	14 4	14 26			n.a.
M13	22 33	10 17	1 25	15 14	2 58	20 10	3 8	24 37	1 0	6 30	1 9	18 30	1 52	23 28	0 15	21 48	0 42	19 35	16 57	14 31	14 3	14 24			n.a.
T 14	22 41	13 57	0 13	15 25	2 51	19 51	3 22	24 40	1 1	6 34	1 9	18 31	1 52	23 28	0 15	21 48	0 42	19 35	16 57	14 31	14 2	14 22			n.a.
W15	22 49	16 59	1s 2	15 38	2 43	19 34	3 37	24 42	1 1	6 38	1 9	18 31	1 52	23 28	0 15	21 47	0 42	19 34	16 56	14 31	14 1	14 21			n.a.
T 16	22 56	19 5	2 15	15 54	2 35	19 16	3 51	24 45	1 1	6 42	1 9	18 32	1 53	23 29	0 15	21 47	0 42	19 34	16 56	14 30	14 0	14 19			n.a.
F 17	23 3	19 59	3 21	16 11	2 27	18 58	4 5	24 47	1 1	6 45	1 9	18 32	1 53	23 29	0 15	21 46	0 42	19 34	16 56	14 29	13 59	14 18			n.a.
S 18	23 9	19 32	4 15	16 30	2 18	18 41	4 18	24 48	1 2	6 49	1 9	18 33	1 53	23 29	0 15	21 46	0 42	19 33	16 55	14 27	13 58	14 16			n.a.
S 19	23 15	17 44	4 52	16 50	2 9	18 24	4 31	24 50	1 2	6 53	1 9	18 34	1 53	23 30	0 15	21 46	0 42	19 33	16 55	14 25	13 57	14 14			n.a.
M20	23 21	14 46	5 8	17 11	1 59	18 8	4 43	24 51	1 2	6 56	1 9	18 34	1 54	23 30	0 15	21 45	0 42	19 32	16 55	14 23	13 56	14 13			n.a.
T 21	23 26	10 53	5 5	17 33	1 50	17 53	4 54	24 52	1 2	7 0	1 9	18 35	1 54	23 30	0 15	21 45	0 42	19 32	16 54	14 22	13 55	14 11			n.a.
W22	23 30	6 27	4 42	17 55	1 41	17 38	5 5	24 52	1 3	7 4	1 10	18 36	1 54	23 31	0 15	21 45	0 42	19 32	16 54	14 20	13 54	14 9			n.a.
T 23	23 34	1 44	4 2	18 18	1 31	17 24	5 15	24 52	1 3	7 7	1 10	18 37	1 54	23 31	0 15	21 44	0 42	19 31	16 53	14 20	13 53	14 8			n.a.
F 24	23 38	2s58	3 9	18 41	1 22	17 10	5 24	24 52	1 3	7 11	1 10	18 38	1 55	23 31	0 15	21 44	0 42	19 31	16 53	14 20	13 52	14 6			n.a.
S 25	23 41	7 25	2 7	19 5	1 13	16 58	5 33	24 52	1 3	7 14	1 10	18 38	1 55	23 32	0 15	21 43	0 42	19 30	16 53	14 20	13 51	14 4			n.a.
S 26	23 44	11 25	0 59	19 28	1 3	16 46	5 41	24 51	1 3	7 17	1 10	18 39	1 55	23 32	0 15	21 43	0 42	19 30	16 52	14 21	13 49	14 3			n.a.
M27	23 46	14 48	0n10	19 52	0 54	16 35	5 48	24 50	1 4	7 21	1 10	18 40	1 55	23 32	0 15	21 43	0 42	19 30	16 52	14 21	13 48	14 1			n.a.
T 28	23 47	17 25	1 18	20 15	0 45	16 26	5 54	24 49	1 4	7 24	1 10	18 41	1 56	23 33	0 15	21 42	0 42	19 29	16 52	14 20	13 47	14 0			n.a.
W29	23 49	19 10	2 21	20 38	0 36	16 17	6 0	24 47	1 4	7 27	1 10	18 42	1 56	23 33	0 15	21 42	0 42	19 29	16 51	14 19	13 46	13 58			n.a.
T 30	23 49	19 58	3 16	21 0	0 27	16 9	6 5	24 46	1 4	7 30	1 10	18 43	1 56	23 33	0 15	21 41	0 42	19 28	16 51	14 17	13 45	13 56			n.a.
F 31	23s49	19s48	4n 1	21s22	0n19	16s 3	6n 9	24s43	1s 4	7s34	1n11	18n44	1n56	23s34	0s15	21s41	0s42	19s28	16s51	14s15	13s44	13s55			n.a.

Julian Day Number = 1314503.5, Delta T = 07h38m33s
Ecliptic obliquity = 23°49'32, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'15, Lahiri = -19°20'15 Julian Calendar 1 Dec. 1115 BCE == Greg. Calendar 20 Nov. 1115 BCE

The year -1114 astronomical counting style corresponds to year 1115 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

JANUARY 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 40	1♉ 0'16	11♉37	7♐26	8°R31	7♉29	22♎ 0	13°R59	18♐28	27♉32	19♓51	7°R21	5♏57	6♒51	n.a.	S 1
S 2	6 2 37	2° 1'03	23°36	8°45	8♐20	8°16	22° 8	13♌56	18°32	27°35	19°52	7♏10	5°54	6°58	n.a.	S 2
M 3	6 6 33	3° 1'48	5♒31	10° 5	8°11	9° 4	22°16	13°53	18°35	27°37	19°52	6°59	5°51	7° 4	n.a.	M 3
T 4	6 10 30	4° 2'31	17°22	11°26	8° 4	9°51	22°24	13°50	18°39	27°39	19°53	6°49	5°47	7°11	n.a.	T 4
W 5	6 14 26	5° 3'13	29°13	12°48	8° 0	10°38	22°32	13°47	18°42	27°41	19°53	6°41	5°44	7°18	n.a.	W 5
T 6	6 18 23	6° 3'53	11♓ 7	14°12	7°D58	11°26	22°40	13°44	18°46	27°43	19°54	6°35	5°41	7°24	n.a.	T 6
F 7	6 22 20	7° 4'30	23° 7	15°37	7°59	12°13	22°47	13°41	18°49	27°45	19°54	6°31	5°38	7°31	n.a.	F 7
S 8	6 26 16	8° 5'06	5♈20	17° 2	8° 2	13° 0	22°55	13°38	18°52	27°47	19°55	6°D30	5°35	7°38	n.a.	S 8
S 9	6 30 13	9° 5'40	17°48	18°29	8° 7	13°47	23° 2	13°34	18°56	27°50	19°55	6°30	5°31	7°45	n.a.	S 9
M10	6 34 9	10° 6'12	0♉39	19°57	8°15	14°35	23°10	13°31	18°59	27°52	19°56	6°R31	5°28	7°51	n.a.	M10
T 11	6 38 6	11° 6'42	13°55	21°26	8°24	15°22	23°17	13°27	19° 2	27°54	19°56	6°31	5°25	7°58	n.a.	T 11
W12	6 42 2	12° 7'10	27°40	22°56	8°37	16° 9	23°24	13°24	19° 6	27°56	19°57	6°29	5°22	8° 5	n.a.	W12
T 13	6 45 59	13° 7'36	11♊55	24°26	8°51	16°56	23°30	13°20	19° 9	27°58	19°58	6°25	5°19	8°12	n.a.	T 13
F 14	6 49 55	14° 8'00	26°37	25°58	9° 7	17°43	23°37	13°16	19°12	28° 1	19°58	6°18	5°16	8°18	n.a.	F 14
S 15	6 53 52	15° 8'23	11♋39	27°31	9°25	18°31	23°44	13°13	19°16	28° 3	19°59	6° 9	5°12	8°25	n.a.	S 15
S 16	6 57 49	16° 8'43	26°54	29° 5	9°46	19°18	23°50	13° 9	19°19	28° 5	20° 0	5°58	5° 9	8°32	n.a.	S 16
M17	7 1 45	17° 9'01	12♌ 9	0♉39	10° 8	20° 5	23°56	13° 5	19°22	28° 7	20° 0	5°48	5° 6	8°38	n.a.	M17
T 18	7 5 42	18° 9'18	27°13	2°15	10°32	20°52	24° 2	13° 1	19°25	28° 9	20° 1	5°38	5° 3	8°45	n.a.	T 18
W19	7 9 38	19° 9'33	11♍59	3°52	10°57	21°39	24° 8	12°57	19°29	28°12	20° 2	5°31	5° 0	8°52	n.a.	W19
T 20	7 13 35	20° 9'46	26°20	5°30	11°25	22°26	24°14	12°53	19°32	28°14	20° 2	5°27	4°57	8°59	n.a.	T 20
F 21	7 17 31	21° 9'57	10♎14	7° 8	11°54	23°13	24°19	12°48	19°35	28°16	20° 3	5°25	4°53	9° 5	n.a.	F 21
S 22	7 21 28	22°10'07	23°42	8°48	12°24	24° 0	24°25	12°44	19°38	28°19	20° 4	5°D25	4°50	9°12	n.a.	S 22
S 23	7 25 24	23°10'15	6♏47	10°29	12°56	24°47	24°30	12°40	19°41	28°21	20° 5	5°R25	4°47	9°19	n.a.	S 23
M24	7 29 21	24°10'22	19°32	12°11	13°30	25°34	24°35	12°36	19°44	28°23	20° 6	5°24	4°44	9°26	n.a.	M24
T 25	7 33 18	25°10'27	2♐ 1	13°53	14° 4	26°21	24°40	12°31	19°47	28°25	20° 7	5°21	4°41	9°32	n.a.	T 25
W26	7 37 14	26°10'30	14°19	15°37	14°41	27° 8	24°45	12°27	19°50	28°28	20° 7	5°16	4°37	9°39	n.a.	W26
T 27	7 41 11	27°10'31	26°28	17°22	15°18	27°55	24°49	12°23	19°53	28°30	20° 8	5° 8	4°34	9°46	n.a.	T 27
F 28	7 45 7	28°10'30	8♉30	19° 9	15°57	28°42	24°54	12°18	19°56	28°32	20° 9	4°57	4°31	9°52	n.a.	F 28
S 29	7 49 4	29°10'28	20°27	20°56	16°36	29°28	24°58	12°14	19°59	28°34	20°10	4°43	4°28	9°59	n.a.	S 29
S 30	7 53 0	0♒10'23	2♒22	22°44	17°17	0♒15	25° 2	12° 9	20° 2	28°37	20°11	4°28	4°25	10° 6	n.a.	S 30
M31	7 56 57	1♒10'16	14♒14	24♉34	17♐59	1♒ 2	25♎ 6	12♌ 5	20♐ 5	28♉39	20♓12	4♏13	4♏22	10♒13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s49	18s45	4n35	21s44	0n10	15s57	6n12	24s41	1s 4	7s37	1n11	18n45	1n56	23s34	0s15	21s41	0s42	19s27	16s50	14s11	13s43	13s53		n.a.	S 1
S 2	23 49	16 52	4 56	22 5	0 2	15 52	6 15	24 38	1 5	7 40	1 11	18 46	1 57	23 34	0 15	21 40	0 42	19 27	16 50	14 7	13 42	13 51		n.a.	S 2
M 3	23 47	14 17	5 4	22 25	0s 6	15 49	6 18	24 35	1 5	7 43	1 11	18 47	1 57	23 35	0 15	21 40	0 42	19 26	16 49	14 4	13 41	13 50		n.a.	M 3
T 4	23 46	11 8	4 59	22 45	0 14	15 46	6 19	24 32	1 5	7 46	1 11	18 48	1 57	23 35	0 15	21 39	0 42	19 26	16 49	14 0	13 40	13 48		n.a.	T 4
W 5	23 44	7 32	4 42	23 4	0 22	15 44	6 21	24 28	1 5	7 48	1 11	18 49	1 57	23 35	0 15	21 39	0 42	19 25	16 49	13 58	13 39	13 46		n.a.	W 5
T 6	23 41	3 39	4 12	23 21	0 29	15 43	6 21	24 24	1 5	7 51	1 11	18 51	1 58	23 35	0 15	21 38	0 42	19 25	16 48	13 56	13 38	13 45		n.a.	T 6
F 7	23 38	0n26	3 30	23 38	0 37	15 43	6 21	24 20	1 5	7 54	1 11	18 52	1 58	23 36	0 15	21 38	0 42	19 24	16 48	13 55	13 37	13 43		n.a.	F 7
S 8	23 34	4 34	2 38	23 54	0 44	15 44	6 21	24 16	1 5	7 57	1 12	18 53	1 58	23 36	0 15	21 38	0 42	19 24	16 48	13 54	13 36	13 41		n.a.	S 8
S 9	23 30	8 36	1 38	24 9	0 50	15 46	6 20	24 11	1 5	7 59	1 12	18 54	1 58	23 36	0 15	21 37	0 42	19 23	16 47	13 54	13 34	13 40		n.a.	S 9
M10	23 26	12 22	0 31	24 23	0 57	15 48	6 19	24 6	1 5	8 2	1 12	18 55	1 58	23 37	0 15	21 37	0 42	19 23	16 47	13 55	13 33	13 38		n.a.	M10
T 11	23 21	15 39	0s39	24 36	1 3	15 51	6 17	24 1	1 6	8 4	1 12	18 56	1 59	23 37	0 15	21 36	0 42	19 22	16 47	13 55	13 32	13 36		n.a.	T 11
W12	23 16	18 10	1 50	24 47	1 9	15 55	6 15	23 55	1 6	8 7	1 12	18 58	1 59	23 37	0 15	21 36	0 42	19 22	16 46	13 54	13 31	13 35		n.a.	W12
T 13	23 10	19 40	2 56	24 57	1 15	16 0	6 13	23 49	1 6	8 9	1 12	18 59	1 59	23 38	0 15	21 35	0 42	19 21	16 46	13 52	13 30	13 33		n.a.	T 13
F 14	23 4	19 54	3 53	25 6	1 21	16 5	6 10	23 43	1 6	8 12	1 12	19 0	1 59	23 38	0 15	21 35	0 42	19 20	16 46	13 50	13 29	13 31		n.a.	F 14
S 15	22 57	18 44	4 35	25 14	1 26	16 11	6 7	23 36	1 6	8 14	1 13	19 2	1 59	23 38	0 15	21 35	0 42	19 20	16 45	13 47	13 28	13 30		n.a.	S 15
S 16	22 50	16 14	4 58	25 20	1 31	16 17	6 4	23 30	1 6	8 16	1 13	19 3	1 59	23 38	0 15	21 34	0 42	19 19	16 45	13 43	13 27	13 28		n.a.	S 16
M17	22 42	12 38	5 0	25 25	1 35	16 23	6 0	23 23	1 6	8 18	1 13	19 4	2 0	23 39	0 15	21 34	0 42	19 19	16 45	13 40	13 26	13 26		n.a.	M17
T 18	22 34	8 14	4 41	25 28	1 40	16 31	5 56	23 16	1 6	8 20	1 13	19 5	2 0	23 39	0 15	21 33	0 42	19 18	16 44	13 37	13 25	13 24		n.a.	T 18
W19	22 26	3 26	4 3	25 30	1 44	16 38	5 52	23 8	1 6	8 23	1 13	19 7	2 0	23 39	0 15	21 33	0 42	19 18	16 44	13 34	13 24	13 23		n.a.	W19
T 20	22 17	1s26	3 11	25 30	1 47	16 46	5 48	23 0	1 6	8 25	1 13	19 8	2 0	23 39	0 15	21 32	0 42	19 17	16 44	13 33	13 23	13 21		n.a.	T 20
F 21	22 8	6 5	2 9	25 28	1 50	16 54	5 43	22 52	1 6	8 26	1 13	19 10	2 0	23 40	0 15	21 32	0 42	19 16	16 43	13 32	13 22	13 19		n.a.	F 21
S 22	21 58	10 18	1 2	25 25	1 53	17 3	5 39	22 44	1 6	8 28	1 14	19 11	2 0	23 40	0 15	21 31	0 42	19 16	16 43	13 32	13 20	13 18		n.a.	S 22
S 23	21 48	13 53	0n 7	25 20	1 56	17 12	5 34	22 36	1 6	8 30	1 14	19 12	2 1	23 40	0 15	21 31	0 42	19 15	16 43	13 32	13 19	13 16		n.a.	S 23
M24	21 37	16 43	1 14	25 13	1 58	17 21	5 29	22 27	1 6	8 32	1 14	19 14	2 1	23 41	0 15	21 30	0 42	19 14	16 42	13 32	13 18	13 14		n.a.	M24
T 25	21 27	18 41	2 16	25 4	2 0	17 30	5 24	22 18	1 6	8 34	1 14	19 15	2 1	23 41	0 15	21 30	0 42	19 14	16 42	13 31	13 17	13 13		n.a.	T 25
W26	21 15	19 44	3 10	24 54	2 1	17 39	5 19	22 9	1 6	8 35	1 14	19 16	2 1	23 41	0 15	21 29	0 42	19 13	16 42	13 29	13 16	13 11		n.a.	W26
T 27	21 4	19 52	3 55	24 42	2 2	17 49	5 13	21 59	1 6	8 37	1 14	19 18	2 1	23 41	0 15	21 29	0 42	19 13	16 42	13 26	13 15	13 9		n.a.	T 27
F 28	20 52	19 5	4 29	24 27	2 3	17 58	5 8	21 49	1 6	8 38	1 15	19 19	2 1	23 42	0 15	21 29	0 42	19 12	16 41	13 23	13 14	13 8		n.a.	F 28
S 29	20 39	17 27	4 50	24 11	2 3	18 8	5 2	21 40	1 6	8 40	1 15	19 21	2 1	23 42	0 15	21 28	0 42	19 11	16 41	13 18	13 13	13 6		n.a.	S 29
S 30	20 26	15 6	4 59	23 53	2 2	18 17	4 56	21 29	1 6	8 41	1 15	19 22	2 2	23 42	0 15	21 28	0 42	19 11	16 41	13 13	13 12	13 4		n.a.	S 30
M31	20s13	12s 7	4n55	23s32	2s 1	18s27	4n51	21s19	1s 6	8s42	1n15	19n24	2n 2	23s42	0s15	21s27	0s42	19s10	16s40	13s 8	13s11	13s 2		n.a.	M31

Julian Day Number = 1314534.5, Delta T = 07h38m31s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'11, Lahiri = -19°20'10 Julian Calendar 1 Jan. 1114 BCE == Greg. Calendar 21 Dec. 1115 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

FEBRUARY 1114 BCE (-1113) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 53	2♒10'07	26♒ 5	26♉24	18♐42	1♒49	25♎10	12°R 0	20♐ 8	28♉41	20♓13	4°R 0	4♏18	10♒19	n.a.	T 1
W 2	8 4 50	3° 9'55	7♓58	28°16	19°26	2°35	25°13	11♌55	20°11	28°44	20°14	3♏48	4°15	10°26	n.a.	W 2
T 3	8 8 46	4° 9'41	19°54	0♒ 9	20°11	3°22	25°17	11°51	20°13	28°46	20°15	3°40	4°12	10°33	n.a.	T 3
F 4	8 12 43	5° 9'25	1♈56	2° 3	20°57	4° 9	25°20	11°46	20°16	28°48	20°16	3°34	4° 9	10°39	n.a.	F 4
S 5	8 16 40	6° 9'07	14° 8	3°58	21°44	4°55	25°23	11°42	20°19	28°50	20°17	3°31	4° 6	10°46	n.a.	S 5
S 6	8 20 36	7° 8'46	26°34	5°54	22°31	5°42	25°26	11°37	20°22	28°53	20°18	3°30	4° 2	10°53	n.a.	S 6
M 7	8 24 33	8° 8'23	9♉20	7°51	23°20	6°29	25°28	11°32	20°24	28°55	20°19	3°30	3°59	11° 0	n.a.	M 7
T 8	8 28 29	9° 7'57	22°28	9°49	24° 9	7°15	25°31	11°28	20°27	28°57	20°20	3°29	3°56	11° 6	n.a.	T 8
W 9	8 32 26	10° 7'29	6♊ 5	11°48	24°59	8° 2	25°33	11°23	20°29	28°59	20°21	3°28	3°53	11°13	n.a.	W 9
T 10	8 36 22	11° 6'59	20°11	13°47	25°49	8°48	25°35	11°18	20°32	29° 2	20°22	3°23	3°50	11°20	n.a.	T 10
F 11	8 40 19	12° 6'26	4♋45	15°47	26°40	9°34	25°37	11°14	20°34	29° 4	20°24	3°16	3°47	11°27	n.a.	F 11
S 12	8 44 15	13° 5'51	19°45	17°48	27°32	10°21	25°39	11° 9	20°37	29° 6	20°25	3° 7	3°43	11°33	n.a.	S 12
S 13	8 48 12	14° 5'13	5♌ 1	19°49	28°25	11° 7	25°41	11° 4	20°39	29° 8	20°26	2°56	3°40	11°40	n.a.	S 13
M14	8 52 9	15° 4'34	20°23	21°50	29°18	11°53	25°42	10°59	20°42	29°10	20°27	2°46	3°37	11°47	n.a.	M14
T 15	8 56 5	16° 3'52	5♍39	23°51	0♉12	12°40	25°43	10°55	20°44	29°13	20°28	2°36	3°34	11°53	n.a.	T 15
W16	9 0 2	17° 3'07	20°38	25°51	1° 6	13°26	25°44	10°50	20°46	29°15	20°29	2°28	3°31	12° 0	n.a.	W16
T 17	9 3 58	18° 2'21	5♎13	27°51	2° 1	14°12	25°45	10°46	20°49	29°17	20°30	2°23	3°28	12° 7	n.a.	T 17
F 18	9 7 55	19° 1'33	19°19	29°49	2°56	14°58	25°46	10°41	20°51	29°19	20°32	2°21	3°24	12°14	n.a.	F 18
S 19	9 11 51	20° 0'43	2♏56	1♓46	3°52	15°44	25°46	10°36	20°53	29°21	20°33	2°D20	3°21	12°20	n.a.	S 19
S 20	9 15 48	20°59'51	16° 6	3°41	4°49	16°30	25°46	10°32	20°55	29°24	20°34	2°R20	3°18	12°27	n.a.	S 20
M21	9 19 44	21°58'57	28°52	5°35	5°46	17°16	25°R46	10°27	20°58	29°26	20°35	2°20	3°15	12°34	n.a.	M21
T 22	9 23 41	22°58'02	11♐20	7°25	6°43	18° 2	25°46	10°23	21° 0	29°28	20°37	2°19	3°12	12°41	n.a.	T 22
W23	9 27 37	23°57'04	23°33	9°12	7°41	18°48	25°46	10°18	21° 2	29°30	20°38	2°15	3° 8	12°47	n.a.	W23
T 24	9 31 34	24°56'05	5♑35	10°56	8°39	19°34	25°46	10°14	21° 4	29°32	20°39	2° 8	3° 5	12°54	n.a.	T 24
F 25	9 35 31	25°55'03	17°31	12°36	9°38	20°20	25°45	10° 9	21° 6	29°34	20°40	1°59	3° 2	13° 1	n.a.	F 25
S 26	9 39 27	26°54'00	29°24	14°12	10°37	21° 6	25°44	10° 5	21° 8	29°36	20°42	1°48	2°59	13° 7	n.a.	S 26
S 27	9 43 24	27°52'55	11♒15	15°44	11°36	21°51	25°43	10° 0	21° 9	29°38	20°43	1°36	2°56	13°14	n.a.	S 27
M28	9 47 20	28♒51'47	23♒ 7	17♓10	12♉36	22♒37	25♎42	9♌56	21♐11	29♉40	20♓44	1♏24	2♏53	13♒21	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 0	8s40	4n38	23s10	2s 0	18s36	4n45	21s 8	1s 5	8s44	1n15	19n25	2n 2	23s42	0s15	21s27	0s42	19s 9	16s40	13s 3	13s10	13s 1		n.a.
W 2	19 46	4 53	4 9	22 46	1 58	18 46	4 39	20 57	1 5	8 45	1 15	19 26	2 2	23 43	0 15	21 26	0 42	19 9	16 40	12 59	13 9	12 59		n.a.
T 3	19 32	0 53	3 28	22 19	1 55	18 55	4 33	20 46	1 5	8 46	1 16	19 28	2 2	23 43	0 15	21 26	0 42	19 8	16 40	12 56	13 7	12 57		n.a.
F 4	19 17	3n12	2 38	21 51	1 52	19 4	4 27	20 35	1 5	8 47	1 16	19 29	2 2	23 43	0 15	21 25	0 42	19 8	16 39	12 54	13 6	12 56		n.a.
S 5	19 2	7 12	1 40	21 20	1 49	19 13	4 21	20 24	1 5	8 48	1 16	19 31	2 2	23 43	0 15	21 25	0 42	19 7	16 39	12 53	13 5	12 54		n.a.
S 6	18 47	10 59	0 37	20 47	1 45	19 22	4 15	20 12	1 5	8 49	1 16	19 32	2 2	23 44	0 16	21 24	0 42	19 6	16 39	12 53	13 4	12 52		n.a.
M 7	18 31	14 21	0s31	20 12	1 40	19 31	4 9	20 0	1 5	8 50	1 16	19 33	2 2	23 44	0 16	21 24	0 42	19 6	16 39	12 53	13 3	12 50		n.a.
T 8	18 16	17 6	1 39	19 36	1 35	19 40	4 2	19 48	1 5	8 50	1 16	19 35	2 3	23 44	0 16	21 24	0 42	19 5	16 38	12 53	13 2	12 49		n.a.
W 9	17 59	19 0	2 43	18 57	1 29	19 48	3 56	19 36	1 5	8 51	1 16	19 36	2 3	23 44	0 16	21 23	0 42	19 4	16 38	12 52	13 1	12 47		n.a.
T 10	17 43	19 48	3 40	18 16	1 22	19 56	3 50	19 23	1 5	8 52	1 17	19 38	2 3	23 44	0 16	21 23	0 43	19 4	16 38	12 51	13 0	12 45		n.a.
F 11	17 26	19 20	4 25	17 33	1 15	20 3	3 44	19 11	1 4	8 52	1 17	19 39	2 3	23 45	0 16	21 22	0 43	19 3	16 38	12 48	12 59	12 44		n.a.
S 12	17 9	17 31	4 53	16 49	1 7	20 11	3 37	18 58	1 4	8 53	1 17	19 40	2 3	23 45	0 16	21 22	0 43	19 2	16 37	12 45	12 58	12 42		n.a.
S 13	16 52	14 28	5 1	16 2	0 59	20 18	3 31	18 45	1 4	8 53	1 17	19 42	2 3	23 45	0 16	21 21	0 43	19 2	16 37	12 41	12 57	12 40		n.a.
M14	16 34	10 24	4 47	15 15	0 50	20 25	3 25	18 31	1 4	8 54	1 17	19 43	2 3	23 45	0 16	21 21	0 43	19 1	16 37	12 38	12 55	12 38		n.a.
T 15	16 17	5 41	4 13	14 25	0 41	20 31	3 18	18 18	1 4	8 54	1 17	19 45	2 3	23 45	0 16	21 20	0 43	19 0	16 37	12 34	12 54	12 37		n.a.
W16	15 59	0 41	3 22	13 35	0 30	20 37	3 12	18 4	1 4	8 54	1 18	19 46	2 3	23 46	0 16	21 20	0 43	19 0	16 37	12 31	12 53	12 35		n.a.
T 17	15 40	4s13	2 18	12 44	0 20	20 43	3 6	17 51	1 3	8 54	1 18	19 47	2 3	23 46	0 16	21 19	0 43	18 59	16 36	12 30	12 52	12 33		n.a.
F 18	15 22	8 44	1 8	11 51	0 9	20 48	3 0	17 37	1 3	8 54	1 18	19 49	2 3	23 46	0 16	21 19	0 43	18 58	16 36	12 29	12 51	12 32		n.a.
S 19	15 3	12 38	0n 3	10 59	0n 2	20 53	2 53	17 23	1 3	8 54	1 18	19 50	2 3	23 46	0 16	21 19	0 43	18 58	16 36	12 29	12 50	12 30		n.a.
S 20	14 44	15 46	1 12	10 6	0 14	20 57	2 47	17 9	1 3	8 54	1 18	19 51	2 3	23 46	0 16	21 18	0 43	18 57	16 36	12 29	12 49	12 28		n.a.
M21	14 24	18 1	2 16	9 13	0 26	21 1	2 41	16 54	1 3	8 54	1 18	19 53	2 3	23 46	0 16	21 18	0 43	18 56	16 36	12 29	12 48	12 26		n.a.
T 22	14 5	19 21	3 11	8 20	0 38	21 5	2 35	16 40	1 2	8 54	1 18	19 54	2 3	23 47	0 16	21 17	0 43	18 56	16 36	12 28	12 47	12 25		n.a.
W23	13 45	19 43	3 57	7 28	0 51	21 8	2 29	16 25	1 2	8 54	1 19	19 55	2 3	23 47	0 16	21 17	0 43	18 55	16 35	12 27	12 46	12 23		n.a.
T 24	13 25	19 12	4 31	6 36	1 3	21 10	2 22	16 10	1 2	8 53	1 19	19 56	2 3	23 47	0 16	21 16	0 43	18 54	16 35	12 25	12 44	12 21		n.a.
F 25	13 5	17 49	4 53	5 46	1 16	21 12	2 16	15 55	1 2	8 53	1 19	19 58	2 3	23 47	0 16	21 16	0 43	18 54	16 35	12 21	12 43	12 19		n.a.
S 26	12 45	15 41	5 2	4 58	1 28	21 14	2 10	15 40	1 2	8 53	1 19	19 59	2 3	23 47	0 16	21 16	0 43	18 53	16 35	12 17	12 42	12 18		n.a.
S 27	12 24	12 54	4 58	4 11	1 40	21 15	2 4	15 25	1 1	8 52	1 19	20 0	2 3	23 47	0 16	21 15	0 43	18 52	16 35	12 13	12 41	12 16		n.a.
M28	12s 3	9s36	4n41	3s26	1n52	21s15	1n58	15s 9	1s 1	8s51	1n19	20n 1	2n 3	23s48	0s16	21s15	0s43	18s52	16s35	12s 9	12s40	12s14		n.a.

Julian Day Number = 1314565.5, Delta T = 07h38m29s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'07, Lahiri = -19°20'06 Julian Calendar 1 Feb. 1114 BCE == Greg. Calendar 21 Jan. 1114 BCE

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

MARCH 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 17	29♒50'37	5♓ 1	18♓32	13♑36	23♒23	25°R40	9°R52	21♐13	29♑42	20♓45	1°R12	2♏49	13♒28	n.a.	T 1
W 2	9 55 13	0♓49'25	16°59	19°48	14°36	24° 8	25♎39	9♌48	21°15	29°44	20°47	1♏ 3	2°46	13°34	n.a.	W 2
T 3	9 59 10	1°48'11	29° 2	20°59	15°37	24°54	25°37	9°43	21°17	29°46	20°48	0°56	2°43	13°41	n.a.	T 3
F 4	10 3 6	2°46'55	11♈11	22° 4	16°38	25°40	25°35	9°39	21°18	29°48	20°49	0°51	2°40	13°48	n.a.	F 4
S 5	10 7 3	3°45'36	23°31	23° 4	17°39	26°25	25°33	9°35	21°20	29°50	20°51	0°49	2°37	13°54	n.a.	S 5
S 6	10 10 59	4°44'15	6♉ 3	23°57	18°41	27°11	25°30	9°31	21°21	29°52	20°52	0°D49	2°34	14° 1	n.a.	S 6
M 7	10 14 56	5°42'52	18°50	24°44	19°43	27°56	25°28	9°27	21°23	29°54	20°53	0°50	2°30	14° 8	n.a.	M 7
T 8	10 18 53	6°41'27	1♊58	25°26	20°45	28°41	25°25	9°23	21°24	29°56	20°55	0°R51	2°27	14°15	n.a.	T 8
W 9	10 22 49	7°39'59	15°28	26° 0	21°47	29°27	25°22	9°20	21°26	29°58	20°56	0°50	2°24	14°21	n.a.	W 9
T 10	10 26 46	8°38'29	29°24	26°29	22°50	0♓12	25°19	9°16	21°27	29°59	20°57	0°48	2°21	14°28	n.a.	T 10
F 11	10 30 42	9°36'56	13♋45	26°51	23°53	0°57	25°16	9°12	21°29	0♒ 2	20°59	0°44	2°18	14°35	n.a.	F 11
S 12	10 34 39	10°35'22	28°29	27° 7	24°56	1°42	25°13	9° 8	21°30	0° 4	21° 0	0°39	2°14	14°41	n.a.	S 12
S 13	10 38 35	11°33'45	13♌30	27°17	25°59	2°27	25° 9	9° 5	21°31	0° 5	21° 2	0°32	2°11	14°48	n.a.	S 13
M14	10 42 32	12°32'05	28°40	27°R21	27° 3	3°12	25° 5	9° 1	21°32	0° 7	21° 3	0°24	2° 8	14°55	n.a.	M14
T 15	10 46 28	13°30'24	13♍49	27°19	28° 7	3°57	25° 1	8°58	21°33	0° 9	21° 4	0°18	2° 5	15° 2	n.a.	T 15
W16	10 50 25	14°28'41	28°46	27°11	29°11	4°42	24°57	8°54	21°35	0°11	21° 6	0°13	2° 2	15° 8	n.a.	W16
T 17	10 54 22	15°26'56	13♎24	26°58	0♒15	5°27	24°53	8°51	21°36	0°13	21° 7	0°10	1°59	15°15	n.a.	T 17
F 18	10 58 18	16°25'09	27°37	26°40	1°20	6°12	24°49	8°48	21°37	0°14	21° 8	0°D 8	1°55	15°22	n.a.	F 18
S 19	11 2 15	17°23'20	11♏22	26°17	2°24	6°57	24°44	8°45	21°38	0°16	21°10	0° 9	1°52	15°29	n.a.	S 19
S 20	11 6 11	18°21'30	24°39	25°51	3°29	7°42	24°39	8°42	21°38	0°18	21°11	0°10	1°49	15°35	n.a.	S 20
M21	11 10 8	19°19'38	7♐31	25°20	4°34	8°26	24°35	8°39	21°39	0°19	21°13	0°11	1°46	15°42	n.a.	M21
T 22	11 14 4	20°17'45	20° 3	24°46	5°40	9°11	24°30	8°36	21°40	0°21	21°14	0°R12	1°43	15°49	n.a.	T 22
W23	11 18 1	21°15'50	2♑17	24°11	6°45	9°56	24°24	8°33	21°41	0°23	21°15	0°11	1°39	15°55	n.a.	W23
T 24	11 21 57	22°13'54	14°20	23°33	7°51	10°40	24°19	8°30	21°42	0°24	21°17	0° 9	1°36	16° 2	n.a.	T 24
F 25	11 25 54	23°11'56	26°15	22°54	8°56	11°25	24°14	8°27	21°42	0°26	21°18	0° 5	1°33	16° 9	n.a.	F 25
S 26	11 29 50	24° 9'56	8♒ 6	22°15	10° 2	12° 9	24° 8	8°25	21°43	0°27	21°19	29♎59	1°30	16°16	n.a.	S 26
S 27	11 33 47	25° 7'55	19°58	21°37	11° 8	12°54	24° 2	8°22	21°43	0°29	21°21	29°54	1°27	16°22	n.a.	S 27
M28	11 37 44	26° 5'53	1♓52	20°59	12°15	13°38	23°56	8°20	21°44	0°30	21°22	29°47	1°24	16°29	n.a.	M28
T 29	11 41 40	27° 3'48	13°51	20°23	13°21	14°22	23°51	8°18	21°44	0°32	21°24	29°42	1°20	16°36	n.a.	T 29
W30	11 45 37	28° 1'42	25°56	19°50	14°27	15° 6	23°44	8°15	21°45	0°33	21°25	29°37	1°17	16°42	n.a.	W30
T 31	11 49 33	28♓59'35	8♈10	19♓19	15♒34	15♓51	23♎38	8♌13	21♐45	0♒34	21♓26	29♎34	1♏14	16♒49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11s42	5s55	4n12	2s43	2n 3	21s15	1n52	14s54	1s 1	8s51	1n20	20n 2	2n 3	23s48	0s16	21s14	0s43	18s51	16s34	12s 5	12s39	12s12		n.a.	T 1
W 2	11 21	1 59	3 32	2 3	2 14	21 15	1 46	14 38	1 1	8 50	1 20	20 4	2 3	23 48	0 16	21 14	0 43	18 50	16 34	12 1	12 38	12 11		n.a.	W 2
T 3	11 0	2n 4	2 41	1 25	2 24	21 14	1 40	14 23	1 0	8 49	1 20	20 5	2 3	23 48	0 16	21 13	0 43	18 50	16 34	11 59	12 37	12 9		n.a.	T 3
F 4	10 39	6 4	1 43	0 51	2 34	21 12	1 35	14 7	1 0	8 48	1 20	20 6	2 3	23 48	0 16	21 13	0 43	18 49	16 34	11 57	12 36	12 7		n.a.	F 4
S 5	10 17	9 53	0 39	0 19	2 43	21 10	1 29	13 51	1 0	8 48	1 20	20 7	2 3	23 48	0 16	21 13	0 43	18 49	16 34	11 57	12 34	12 5		n.a.	S 5
S 6	9 56	13 19	0s28	0n10	2 51	21 8	1 23	13 35	1 0	8 47	1 20	20 8	2 3	23 48	0 16	21 12	0 43	18 48	16 34	11 57	12 33	12 4		n.a.	S 6
M 7	9 34	16 11	1 35	0 36	2 58	21 4	1 18	13 19	0 59	8 45	1 20	20 9	2 3	23 48	0 16	21 12	0 43	18 47	16 34	11 57	12 32	12 2		n.a.	M 7
T 8	9 12	18 17	2 39	0 58	3 4	21 1	1 12	13 2	0 59	8 44	1 20	20 10	2 3	23 49	0 16	21 11	0 43	18 47	16 34	11 57	12 31	12 0		n.a.	T 8
W 9	8 50	19 26	3 36	1 17	3 10	20 56	1 6	12 46	0 59	8 43	1 21	20 11	2 3	23 49	0 16	21 11	0 43	18 46	16 33	11 57	12 30	11 58		n.a.	W 9
T 10	8 28	19 27	4 22	1 32	3 14	20 51	1 1	12 29	0 58	8 42	1 21	20 12	2 3	23 49	0 16	21 11	0 43	18 45	16 33	11 56	12 29	11 57		n.a.	T 10
F 11	8 5	18 14	4 54	1 44	3 17	20 46	0 55	12 13	0 58	8 41	1 21	20 13	2 3	23 49	0 16	21 10	0 43	18 45	16 33	11 55	12 28	11 55		n.a.	F 11
S 12	7 43	15 47	5 7	1 52	3 19	20 40	0 50	11 56	0 58	8 39	1 21	20 14	2 3	23 49	0 16	21 10	0 43	18 44	16 33	11 53	12 27	11 53		n.a.	S 12
S 13	7 20	12 16	4 59	1 57	3 19	20 33	0 45	11 39	0 57	8 38	1 21	20 15	2 3	23 49	0 16	21 10	0 43	18 43	16 33	11 50	12 26	11 51		n.a.	S 13
M14	6 58	7 54	4 31	1 58	3 19	20 26	0 40	11 23	0 57	8 36	1 21	20 16	2 3	23 49	0 16	21 9	0 43	18 43	16 33	11 48	12 24	11 50		n.a.	M14
T 15	6 35	3 2	3 43	1 55	3 16	20 19	0 34	11 6	0 57	8 35	1 21	20 17	2 3	23 49	0 16	21 9	0 43	18 42	16 33	11 45	12 23	11 48		n.a.	T 15
W16	6 12	1s58	2 41	1 48	3 13	20 10	0 29	10 49	0 56	8 33	1 21	20 18	2 3	23 49	0 16	21 9	0 43	18 42	16 33	11 44	12 22	11 46		n.a.	W16
T 17	5 50	6 44	1 29	1 39	3 8	20 2	0 24	10 32	0 56	8 32	1 21	20 18	2 3	23 50	0 16	21 8	0 43	18 41	16 33	11 43	12 21	11 44		n.a.	T 17
F 18	5 27	11 0	0 14	1 26	3 2	19 52	0 19	10 15	0 56	8 30	1 22	20 19	2 3	23 50	0 16	21 8	0 43	18 40	16 33	11 42	12 20	11 42		n.a.	F 18
S 19	5 4	14 31	1n 0	1 9	2 54	19 42	0 15	9 57	0 55	8 28	1 22	20 20	2 3	23 50	0 16	21 7	0 43	18 40	16 33	11 42	12 19	11 41		n.a.	S 19
S 20	4 41	17 9	2 9	0 50	2 45	19 32	0 10	9 40	0 55	8 26	1 22	20 21	2 3	23 50	0 16	21 7	0 43	18 39	16 33	11 43	12 18	11 39		n.a.	S 20
M21	4 17	18 49	3 9	0 28	2 34	19 21	0 5	9 23	0 55	8 24	1 22	20 21	2 2	23 50	0 16	21 7	0 43	18 39	16 33	11 43	12 17	11 37		n.a.	M21
T 22	3 54	19 30	3 58	0 4	2 23	19 9	0 0	9 5	0 54	8 22	1 22	20 22	2 2	23 50	0 16	21 6	0 43	18 38	16 33	11 43	12 16	11 35		n.a.	T 22
W23	3 31	19 14	4 35	0s22	2 10	18 57	0s 4	8 48	0 54	8 20	1 22	20 23	2 2	23 50	0 16	21 6	0 43	18 38	16 33	11 43	12 14	11 34		n.a.	W23
T 24	3 8	18 5	4 59	0 50	1 56	18 44	0 9	8 31	0 54	8 18	1 22	20 23	2 2	23 50	0 16	21 6	0 44	18 37	16 33	11 42	12 13	11 32		n.a.	T 24
F 25	2 45	16 10	5 10	1 19	1 41	18 31	0 13	8 13	0 53	8 16	1 22	20 24	2 2	23 50	0 16	21 6	0 44	18 36	16 33	11 41	12 12	11 30		n.a.	F 25
S 26	2 21	13 35	5 7	1 48	1 26	18 17	0 17	7 55	0 53	8 14	1 22	20 25	2 2	23 50	0 17	21 5	0 44	18 36	16 33	11 39	12 11	11 28		n.a.	S 26
S 27	1 58	10 27	4 52	2 19	1 10	18 3	0 21	7 38	0 52	8 12	1 22	20 25	2 2	23 50	0 17	21 5	0 44	18 35	16 33	11 37	12 10	11 27		n.a.	S 27
M28	1 35	6 53	4 24	2 49	0 54	17 49	0 26	7 20	0 52	8 10	1 22	20 26	2 2	23 50	0 17	21 5	0 44	18 35	16 33	11 35	12 9	11 25		n.a.	M28
T 29	1 11	3 1	3 44	3 18	0 37	17 33	0 30	7 2	0 52	8 8	1 22	20 26	2 2	23 50	0 17	21 4	0 44	18 34	16 33	11 33	12 8	11 23		n.a.	T 29
W30	0 48	1n 0	2 53	3 47	0 20	17 18	0 34	6 45	0 51	8 5	1 22	20 27	2 2	23 50	0 17	21 4	0 44	18 34	16 33	11 31	12 7	11 21		n.a.	W30
T 31	0s24	5n 2	1n54	4s15	0n 3	17s 1	0s37	6s27	0s51	8s 3	1n22	20n27	2n 2	23s50	0s17	21s 4	0s44	18s33	16s33	11s30	12s 5	11s19		n.a.	T 31

Julian Day Number = 1314593.5, Delta T = 07h38m28s
Ecliptic obliquity = 23°49'32, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°27'03, Lahiri = -19°20'02 Julian Calendar 1 March 1114 BCE == Greg. Calendar 18 Feb. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

APRIL 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 53 30	29♓57'25	20♈33	18°R51	16♒41	16♓35	23°R32	8°R11	21♐46	0♒36	21♓28	29°R32	1♏11	16♒56	n.a.	F 1
S 2	11 57 26	0♈55'14	3♉ 7	18♓27	17°48	17°19	23♎25	8♌ 9	21°46	0°37	21°29	29°D32	1° 8	17° 3	n.a.	S 2
S 3	12 1 23	1°53'01	15°54	18° 7	18°55	18° 3	23°19	8° 7	21°46	0°39	21°30	29♎32	1° 5	17° 9	n.a.	S 3
M 4	12 5 19	2°50'47	28°54	17°51	20° 2	18°47	23°12	8° 6	21°46	0°40	21°32	29°34	1° 1	17°16	n.a.	M 4
T 5	12 9 16	3°48'31	12♊10	17°40	21° 9	19°31	23° 6	8° 4	21°46	0°41	21°33	29°35	0°58	17°23	n.a.	T 5
W 6	12 13 12	4°46'13	25°44	17°33	22°16	20°15	22°59	8° 3	21°46	0°42	21°35	29°37	0°55	17°29	n.a.	W 6
T 7	12 17 9	5°43'53	9♋36	17°D30	23°24	20°58	22°52	8° 1	21°R46	0°44	21°36	29°R37	0°52	17°36	n.a.	T 7
F 8	12 21 6	6°41'32	23°46	17°33	24°31	21°42	22°45	8° 0	21°46	0°45	21°37	29°36	0°49	17°43	n.a.	F 8
S 9	12 25 2	7°39'09	8♌13	17°39	25°39	22°26	22°38	7°58	21°46	0°46	21°39	29°34	0°45	17°50	n.a.	S 9
S 10	12 28 59	8°36'44	22°52	17°51	26°47	23°10	22°31	7°57	21°46	0°47	21°40	29°32	0°42	17°56	n.a.	S 10
M11	12 32 55	9°34'17	7♍39	18° 7	27°55	23°53	22°23	7°56	21°46	0°48	21°41	29°29	0°39	18° 3	n.a.	M11
T 12	12 36 52	10°31'49	22°26	18°27	29° 3	24°37	22°16	7°55	21°46	0°49	21°43	29°27	0°36	18°10	n.a.	T 12
W13	12 40 48	11°29'19	7♎ 6	18°52	0♓11	25°20	22° 9	7°54	21°45	0°50	21°44	29°25	0°33	18°16	n.a.	W13
T 14	12 44 45	12°26'48	21°32	19°20	1°19	26° 4	22° 1	7°54	21°45	0°51	21°45	29°24	0°30	18°23	n.a.	T 14
F 15	12 48 41	13°24'16	5♏38	19°54	2°27	26°47	21°54	7°53	21°45	0°52	21°46	29°D24	0°26	18°30	n.a.	F 15
S 16	12 52 38	14°21'43	19°22	20°31	3°36	27°30	21°46	7°52	21°44	0°53	21°48	29°25	0°23	18°37	n.a.	S 16
S 17	12 56 35	15°19'08	2♐41	21°11	4°44	28°14	21°39	7°52	21°44	0°54	21°49	29°26	0°20	18°43	n.a.	S 17
M18	13 0 31	16°16'33	15°38	21°56	5°53	28°57	21°31	7°51	21°43	0°55	21°50	29°27	0°17	18°50	n.a.	M18
T 19	13 4 28	17°13'57	28°13	22°44	7° 1	29°40	21°24	7°51	21°43	0°56	21°52	29°28	0°14	18°57	n.a.	T 19
W20	13 8 24	18°11'20	10♑32	23°36	8°10	0♈23	21°16	7°51	21°42	0°57	21°53	29°28	0°10	19° 4	n.a.	W20
T 21	13 12 21	19° 8'43	22°37	24°32	9°19	1° 6	21° 9	7°D51	21°41	0°57	21°54	29°R29	0° 7	19°10	n.a.	T 21
F 22	13 16 17	20° 6'04	4♒33	25°30	10°28	1°49	21° 1	7°51	21°41	0°58	21°55	29°28	0° 4	19°17	n.a.	F 22
S 23	13 20 14	21° 3'24	16°26	26°32	11°37	2°32	20°53	7°51	21°40	0°59	21°57	29°27	0° 1	19°24	n.a.	S 23
S 24	13 24 10	22° 0'44	28°18	27°38	12°46	3°15	20°46	7°51	21°39	1° 0	21°58	29°27	29♎58	19°30	n.a.	S 24
M25	13 28 7	22°58'03	10♓15	28°46	13°55	3°58	20°38	7°52	21°38	1° 0	21°59	29°26	29°55	19°37	n.a.	M25
T 26	13 32 4	23°55'21	22°19	29°57	15° 5	4°41	20°30	7°52	21°37	1° 1	22° 0	29°25	29°51	19°44	n.a.	T 26
W27	13 36 0	24°52'39	4♈33	1♈12	16°14	5°23	20°23	7°53	21°37	1° 2	22° 1	29°24	29°48	19°51	n.a.	W27
T 28	13 39 57	25°49'55	17° 0	2°29	17°23	6° 6	20°15	7°53	21°36	1° 2	22° 3	29°24	29°45	19°57	n.a.	T 28
F 29	13 43 53	26°47'11	29°39	3°49	18°33	6°49	20° 8	7°54	21°35	1° 3	22° 4	29°D24	29°42	20° 4	n.a.	F 29
S 30	13 47 50	27♈44'26	12♉33	5♈12	19♓42	7♈31	20♎ 0	7♌55	21♐33	1♒ 3	22♓ 5	29♎24	29♎39	20♒11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 1	8n54	0n49	4s41	0s13	16s45	0s41	6s 9	0s50	8s 1	1n22	20n28	2n 1	23s50	0s17	21s 4	0s44	18s33	16s33	11s29	12s 4	11s18		n.a.
S 2	0n22	12 27	0s20	5 5	0 29	16 27	0 45	5 51	0 50	7 58	1 22	20 28	2 1	23 51	0 17	21 3	0 44	18 32	16 33	11 29	12 3	11 16		n.a.
S 3	0 46	15 27	1 29	5 27	0 45	16 10	0 49	5 33	0 50	7 56	1 22	20 29	2 1	23 51	0 17	21 3	0 44	18 32	16 33	11 29	12 2	11 14		n.a.
M 4	1 9	17 44	2 34	5 47	1 0	15 52	0 52	5 16	0 49	7 53	1 22	20 29	2 1	23 51	0 17	21 3	0 44	18 31	16 33	11 30	12 1	11 12		n.a.
T 5	1 32	19 6	3 33	6 5	1 14	15 33	0 55	4 58	0 49	7 51	1 22	20 29	2 1	23 51	0 17	21 2	0 44	18 31	16 33	11 30	12 0	11 10		n.a.
W 6	1 55	19 24	4 21	6 21	1 28	15 14	0 59	4 40	0 48	7 48	1 22	20 30	2 1	23 51	0 17	21 2	0 44	18 30	16 33	11 31	11 59	11 9		n.a.
T 7	2 19	18 33	4 56	6 33	1 41	14 55	1 2	4 22	0 48	7 45	1 22	20 30	2 1	23 51	0 17	21 2	0 44	18 30	16 33	11 31	11 58	11 7		n.a.
F 8	2 42	16 33	5 13	6 44	1 53	14 35	1 5	4 4	0 47	7 43	1 22	20 30	2 1	23 51	0 17	21 2	0 44	18 29	16 33	11 31	11 56	11 5		n.a.
S 9	3 5	13 30	5 11	6 51	2 4	14 15	1 8	3 46	0 47	7 40	1 22	20 30	2 0	23 51	0 17	21 2	0 44	18 29	16 33	11 30	11 55	11 3		n.a.
S 10	3 28	9 34	4 49	6 56	2 15	13 54	1 11	3 28	0 47	7 38	1 22	20 31	2 0	23 51	0 17	21 1	0 44	18 28	16 33	11 29	11 54	11 1		n.a.
M11	3 51	5 1	4 8	6 59	2 24	13 33	1 14	3 10	0 46	7 35	1 22	20 31	2 0	23 51	0 17	21 1	0 44	18 28	16 33	11 28	11 53	11 0		n.a.
T 12	4 14	0 9	3 10	6 58	2 33	13 11	1 17	2 52	0 46	7 32	1 22	20 31	2 0	23 51	0 17	21 1	0 44	18 27	16 33	11 27	11 52	10 58		n.a.
W13	4 37	4s42	2 0	6 56	2 40	12 49	1 19	2 34	0 45	7 29	1 22	20 31	2 0	23 51	0 17	21 1	0 44	18 27	16 34	11 27	11 51	10 56		n.a.
T 14	5 0	9 12	0 43	6 50	2 47	12 27	1 22	2 16	0 45	7 27	1 22	20 31	2 0	23 51	0 17	21 1	0 44	18 26	16 34	11 26	11 50	10 54		n.a.
F 15	5 22	13 4	0n34	6 43	2 53	12 5	1 24	1 58	0 44	7 24	1 22	20 31	2 0	23 51	0 17	21 0	0 44	18 26	16 34	11 26	11 49	10 53		n.a.
S 16	5 45	16 7	1 48	6 32	2 58	11 42	1 27	1 40	0 44	7 21	1 22	20 31	2 0	23 51	0 17	21 0	0 44	18 25	16 34	11 26	11 47	10 51		n.a.
S 17	6 8	18 12	2 54	6 20	3 2	11 18	1 29	1 23	0 43	7 18	1 22	20 31	1 59	23 51	0 17	21 0	0 44	18 25	16 34	11 27	11 46	10 49		n.a.
M18	6 30	19 15	3 49	6 5	3 5	10 55	1 31	1 5	0 43	7 16	1 22	20 31	1 59	23 51	0 17	21 0	0 44	18 25	16 34	11 27	11 45	10 47		n.a.
T 19	6 52	19 18	4 31	5 48	3 8	10 31	1 33	0 47	0 42	7 13	1 22	20 31	1 59	23 51	0 17	21 0	0 44	18 24	16 34	11 28	11 44	10 45		n.a.
W20	7 15	18 25	5 0	5 28	3 10	10 7	1 35	0 29	0 42	7 10	1 22	20 31	1 59	23 51	0 17	21 0	0 44	18 24	16 34	11 28	11 43	10 43		n.a.
T 21	7 37	16 44	5 14	5 7	3 11	9 42	1 37	0 11	0 41	7 7	1 22	20 31	1 59	23 51	0 17	20 59	0 44	18 23	16 35	11 28	11 42	10 42		n.a.
F 22	7 59	14 20	5 15	4 43	3 11	9 17	1 39	0n 7	0 41	7 4	1 22	20 31	1 59	23 51	0 17	20 59	0 44	18 23	16 35	11 28	11 41	10 40		n.a.
S 23	8 21	11 21	5 3	4 18	3 10	8 52	1 41	0 25	0 40	7 1	1 22	20 30	1 59	23 51	0 17	20 59	0 45	18 23	16 35	11 27	11 39	10 38		n.a.
S 24	8 42	7 55	4 37	3 50	3 9	8 27	1 42	0 42	0 40	6 59	1 21	20 30	1 59	23 51	0 17	20 59	0 45	18 22	16 35	11 27	11 38	10 36		n.a.
M25	9 4	4 9	4 0	3 21	3 7	8 1	1 44	1 0	0 39	6 56	1 21	20 30	1 58	23 51	0 17	20 59	0 45	18 22	16 35	11 27	11 37	10 34		n.a.
T 26	9 26	0 10	3 11	2 49	3 4	7 35	1 45	1 18	0 39	6 53	1 21	20 30	1 58	23 51	0 17	20 59	0 45	18 22	16 35	11 27	11 36	10 33		n.a.
W27	9 47	3n52	2 13	2 16	3 1	7 9	1 47	1 35	0 38	6 50	1 21	20 30	1 58	23 50	0 17	20 59	0 45	18 21	16 35	11 26	11 35	10 31		n.a.
T 28	10 8	7 50	1 8	1 41	2 56	6 43	1 48	1 53	0 38	6 47	1 21	20 29	1 58	23 50	0 17	20 59	0 45	18 21	16 36	11 26	11 34	10 29		n.a.
F 29	10 29	11 30	0s 1	1 5	2 52	6 16	1 49	2 11	0 37	6 45	1 21	20 29	1 58	23 50	0 17	20 59	0 45	18 21	16 36	11 26	11 33	10 27		n.a.
S 30	10n50	14n42	1s12	0s27	2s46	5s49	1s50	2n28	0s37	6s42	1n21	20n29	1n58	23s50	0s17	20s58	0s45	18s20	16s36	11s26	11s32	10s25		n.a.

Julian Day Number = 1314624.5, Delta T = 07h38m26s
Ecliptic obliquity = 23°49'32, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'59, Lahiri = -19°19'58 Julian Calendar 1 Apr. 1114 BCE == Greg. Calendar 21 March 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

MAY 1114 BCE (-1113) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 46	28♈41'41	25♉41	6♈38	20♓52	8♈14	19°R53	7♌56	21°R32	1♒ 4	22♓ 6	29♎24	29♎36	20♒17	n.a.	S 1
M 2	13 55 43	29°38'54	9♊ 4	8° 6	22° 2	8°56	19♎45	7°57	21♐31	1° 4	22° 7	29°R24	29°32	20°24	n.a.	M 2
T 3	13 59 39	0♉36'07	22°39	9°38	23°11	9°38	19°38	7°58	21°30	1° 4	22° 8	29°24	29°29	20°31	n.a.	T 3
W 4	14 3 36	1°33'18	6♋27	11°12	24°21	10°21	19°30	7°59	21°29	1° 5	22°10	29°24	29°26	20°38	n.a.	W 4
T 5	14 7 33	2°30'29	20°25	12°49	25°31	11° 3	19°23	8° 0	21°27	1° 5	22°11	29°24	29°23	20°44	n.a.	T 5
F 6	14 11 29	3°27'39	4♌34	14°28	26°41	11°45	19°16	8° 2	21°26	1° 6	22°12	29°D24	29°20	20°51	n.a.	F 6
S 7	14 15 26	4°24'47	18°49	16°11	27°51	12°27	19° 9	8° 3	21°25	1° 6	22°13	29°24	29°16	20°58	n.a.	S 7
S 8	14 19 22	5°21'55	3♍10	17°56	29° 1	13°10	19° 2	8° 5	21°23	1° 6	22°14	29°24	29°13	21° 4	n.a.	S 8
M 9	14 23 19	6°19'02	17°32	19°43	0♈11	13°52	18°55	8° 7	21°22	1° 6	22°15	29°25	29°10	21°11	n.a.	M 9
T 10	14 27 15	7°16'09	1♎52	21°34	1°21	14°34	18°48	8° 9	21°20	1° 6	22°16	29°25	29° 7	21°18	n.a.	T 10
W11	14 31 12	8°13'14	16° 5	23°26	2°31	15°16	18°41	8°11	21°19	1° 7	22°17	29°26	29° 4	21°25	n.a.	W11
T 12	14 35 8	9°10'20	0♏ 8	25°21	3°42	15°57	18°34	8°13	21°17	1° 7	22°18	29°R26	29° 1	21°31	n.a.	T 12
F 13	14 39 5	10° 7'24	13°57	27°19	4°52	16°39	18°27	8°15	21°16	1° 7	22°19	29°26	28°57	21°38	n.a.	F 13
S 14	14 43 2	11° 4'29	27°28	29°19	6° 2	17°21	18°21	8°17	21°14	1° 7	22°20	29°25	28°54	21°45	n.a.	S 14
S 15	14 46 58	12° 1'33	10♐41	1♉21	7°13	18° 3	18°14	8°19	21°13	1°R 7	22°21	29°23	28°51	21°51	n.a.	S 15
M16	14 50 55	12°58'37	23°35	3°24	8°23	18°44	18° 8	8°22	21°11	1° 7	22°22	29°22	28°48	21°58	n.a.	M16
T 17	14 54 51	13°55'42	6♑10	5°30	9°34	19°26	18° 2	8°24	21° 9	1° 7	22°23	29°20	28°45	22° 5	n.a.	T 17
W18	14 58 48	14°52'46	18°29	7°37	10°45	20° 8	17°56	8°27	21° 7	1° 7	22°24	29°18	28°42	22°12	n.a.	W18
T 19	15 2 44	15°49'50	0♒35	9°45	11°55	20°49	17°50	8°29	21° 6	1° 7	22°25	29°17	28°38	22°18	n.a.	T 19
F 20	15 6 41	16°46'54	12°33	11°54	13° 6	21°30	17°44	8°32	21° 4	1° 7	22°26	29°D16	28°35	22°25	n.a.	F 20
S 21	15 10 38	17°43'58	24°26	14° 4	14°17	22°12	17°38	8°35	21° 2	1° 6	22°26	29°16	28°32	22°32	n.a.	S 21
S 22	15 14 34	18°41'03	6♓19	16°15	15°28	22°53	17°32	8°38	21° 0	1° 6	22°27	29°17	28°29	22°38	n.a.	S 22
M23	15 18 31	19°38'07	18°18	18°26	16°39	23°34	17°27	8°41	20°58	1° 6	22°28	29°18	28°26	22°45	n.a.	M23
T 24	15 22 27	20°35'12	0♈25	20°36	17°50	24°16	17°22	8°44	20°56	1° 6	22°29	29°20	28°22	22°52	n.a.	T 24
W25	15 26 24	21°32'17	12°46	22°46	19° 1	24°57	17°16	8°47	20°54	1° 5	22°30	29°21	28°19	22°58	n.a.	W25
T 26	15 30 20	22°29'23	25°23	24°56	20°12	25°38	17°11	8°51	20°52	1° 5	22°30	29°R22	28°16	23° 5	n.a.	T 26
F 27	15 34 17	23°26'28	8♉18	27° 4	21°23	26°19	17° 6	8°54	20°50	1° 5	22°31	29°22	28°13	23°12	n.a.	F 27
S 28	15 38 13	24°23'34	21°32	29°12	22°34	27° 0	17° 1	8°57	20°48	1° 4	22°32	29°20	28°10	23°19	n.a.	S 28
S 29	15 42 10	25°20'40	5♊ 4	1♊19	23°45	27°41	16°57	9° 1	20°46	1° 4	22°33	29°18	28° 7	23°25	n.a.	S 29
M30	15 46 7	26°17'47	18°53	3°24	24°57	28°22	16°52	9° 5	20°44	1° 3	22°33	29°14	28° 3	23°32	n.a.	M30
T 31	15 50 3	27♉14'53	2♋54	5♊27	26♈ 8	29♈ 3	16♎48	9♌ 8	20♐42	1♒ 3	22♓34	29♎10	28♎ 0	23♒39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n11	17n13	2s21	0n13	2s41	5s22	1s51	2n46	0s36	6s39	1n21	20n28	1n58	23s50	0s17	20s58	0s45	18s20	16s36	11s26	11s30	10s24			n.a.
M 2	11 32	18 50	3 23	0 55	2 34	4 55	1 52	3 3	0 36	6 36	1 20	20 28	1 57	23 50	0 17	20 58	0 45	18 20	16 36	11 26	11 29	10 22			n.a.
T 3	11 52	19 23	4 14	1 38	2 27	4 28	1 53	3 21	0 35	6 34	1 20	20 27	1 57	23 50	0 17	20 58	0 45	18 20	16 37	11 26	11 28	10 20			n.a.
W 4	12 12	18 48	4 52	2 22	2 19	4 0	1 53	3 38	0 35	6 31	1 20	20 27	1 57	23 50	0 17	20 58	0 45	18 19	16 37	11 26	11 27	10 18			n.a.
T 5	12 32	17 5	5 13	3 8	2 11	3 33	1 54	3 55	0 34	6 28	1 20	20 26	1 57	23 50	0 17	20 58	0 45	18 19	16 37	11 26	11 26	10 16			n.a.
F 6	12 52	14 19	5 16	3 55	2 3	3 5	1 54	4 13	0 33	6 26	1 20	20 26	1 57	23 50	0 17	20 58	0 45	18 19	16 37	11 26	11 25	10 14			n.a.
S 7	13 12	10 41	4 59	4 43	1 54	2 37	1 55	4 30	0 33	6 23	1 20	20 25	1 57	23 50	0 17	20 58	0 45	18 19	16 37	11 26	11 24	10 13			n.a.
S 8	13 31	6 25	4 24	5 32	1 44	2 9	1 55	4 47	0 32	6 21	1 19	20 25	1 57	23 50	0 17	20 58	0 45	18 18	16 38	11 26	11 22	10 11			n.a.
M 9	13 50	1 46	3 32	6 23	1 35	1 41	1 55	5 4	0 32	6 18	1 19	20 24	1 56	23 50	0 17	20 58	0 45	18 18	16 38	11 26	11 21	10 9			n.a.
T 10	14 10	3s 0	2 27	7 14	1 24	1 13	1 56	5 21	0 31	6 16	1 19	20 24	1 56	23 50	0 17	20 58	0 45	18 18	16 38	11 27	11 20	10 7			n.a.
W11	14 28	7 33	1 13	8 6	1 14	0 45	1 56	5 38	0 31	6 13	1 19	20 23	1 56	23 50	0 18	20 58	0 45	18 18	16 38	11 27	11 19	10 5			n.a.
T 12	14 47	11 38	0n 4	8 59	1 3	0 16	1 56	5 55	0 30	6 11	1 19	20 22	1 56	23 50	0 18	20 58	0 45	18 17	16 38	11 27	11 18	10 4			n.a.
F 13	15 5	15 1	1 20	9 52	0 52	0n12	1 55	6 12	0 30	6 8	1 19	20 22	1 56	23 49	0 18	20 58	0 45	18 17	16 39	11 27	11 17	10 2			n.a.
S 14	15 23	17 30	2 29	10 46	0 41	0 41	1 55	6 28	0 29	6 6	1 18	20 21	1 56	23 49	0 18	20 58	0 45	18 17	16 39	11 27	11 16	10 0			n.a.
S 15	15 41	18 58	3 29	11 39	0 30	1 9	1 55	6 45	0 28	6 4	1 18	20 20	1 56	23 49	0 18	20 58	0 45	18 17	16 39	11 26	11 14	9 58			n.a.
M16	15 59	19 24	4 16	12 33	0 19	1 38	1 55	7 2	0 28	6 2	1 18	20 19	1 55	23 49	0 18	20 58	0 45	18 17	16 39	11 25	11 13	9 56			n.a.
T 17	16 16	18 51	4 50	13 26	0 8	2 6	1 54	7 18	0 27	5 59	1 18	20 19	1 55	23 49	0 18	20 58	0 45	18 17	16 40	11 25	11 12	9 54			n.a.
W18	16 34	17 24	5 10	14 19	0n 3	2 35	1 54	7 35	0 27	5 57	1 17	20 18	1 55	23 49	0 18	20 58	0 45	18 16	16 40	11 24	11 11	9 53			n.a.
T 19	16 51	15 13	5 16	15 11	0 13	3 3	1 53	7 51	0 26	5 55	1 17	20 17	1 55	23 49	0 18	20 58	0 45	18 16	16 40	11 24	11 10	9 51			n.a.
F 20	17 7	12 24	5 7	16 2	0 24	3 32	1 52	8 7	0 26	5 53	1 17	20 16	1 55	23 49	0 18	20 58	0 46	18 16	16 40	11 23	11 9	9 49			n.a.
S 21	17 24	9 6	4 46	16 51	0 34	4 1	1 52	8 24	0 25	5 51	1 17	20 15	1 55	23 49	0 18	20 59	0 46	18 16	16 41	11 23	11 8	9 47			n.a.
S 22	17 40	5 26	4 12	17 40	0 44	4 29	1 51	8 40	0 24	5 49	1 17	20 14	1 55	23 49	0 18	20 59	0 46	18 16	16 41	11 24	11 6	9 45			n.a.
M23	17 56	1 32	3 27	18 26	0 53	4 57	1 50	8 56	0 24	5 47	1 16	20 13	1 55	23 48	0 18	20 59	0 46	18 16	16 41	11 24	11 5	9 43			n.a.
T 24	18 11	2n30	2 33	19 11	1 2	5 26	1 49	9 12	0 23	5 45	1 16	20 12	1 54	23 48	0 18	20 59	0 46	18 16	16 42	11 25	11 4	9 42			n.a.
W25	18 26	6 30	1 30	19 53	1 10	5 54	1 48	9 28	0 23	5 43	1 16	20 11	1 54	23 48	0 18	20 59	0 46	18 16	16 42	11 25	11 3	9 40			n.a.
T 26	18 41	10 19	0 22	20 33	1 17	6 22	1 47	9 43	0 22	5 42	1 16	20 10	1 54	23 48	0 18	20 59	0 46	18 16	16 42	11 26	11 2	9 38			n.a.
F 27	18 56	13 44	0s49	21 11	1 24	6 51	1 45	9 59	0 21	5 40	1 15	20 9	1 54	23 48	0 18	20 59	0 46	18 16	16 42	11 25	11 1	9 36			n.a.
S 28	19 10	16 32	1 59	21 46	1 31	7 19	1 44	10 15	0 21	5 38	1 15	20 8	1 54	23 48	0 18	20 59	0 46	18 16	16 43	11 25	10 59	9 34			n.a.
S 29	19 24	18 29	3 4	22 19	1 36	7 46	1 43	10 30	0 20	5 37	1 15	20 7	1 54	23 48	0 18	20 59	0 46	18 16	16 43	11 24	10 58	9 32			n.a.
M30	19 38	19 23	3 59	22 49	1 41	8 14	1 41	10 46	0 20	5 35	1 14	20 6	1 54	23 48	0 18	20 59	0 46	18 16	16 43	11 23	10 57	9 30			n.a.
T 31	19n52	19n 7	4s41	23n17	1n45	8n42	1s40	11n 1	0s19	5s34	1n14	20n 5	1n54	23s47	0s18	21s 0	0s46	18s15	16s44	11s21	10s56	9s29			n.a.

Julian Day Number = 1314654.5, Delta T = 07h38m25s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'55, Lahiri = -19°19'54 Julian Calendar 1 May 1114 BCE == Greg. Calendar 20 Apr. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

JUNE 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 54 0	28♉11'59	17♋ 5	7♊29	27♈19	29♈44	16°R44	9♌12	20°R40	1°R 2	22♓35	29°R 6	27♎57	23♒45	n.a.	W 1
T 2	15 57 56	29° 9'06	1♌20	9°30	28°31	0♉24	16♎40	9°16	20♐38	1♒ 2	22°35	29♎ 3	27°54	23°52	n.a.	T 2
F 3	16 1 53	0♊ 6'12	15°37	11°29	29°42	1° 5	16°36	9°20	20°35	1° 1	22°36	29° 1	27°51	23°59	n.a.	F 3
S 4	16 5 49	1° 3'19	29°52	13°25	0♉54	1°46	16°32	9°24	20°33	1° 1	22°37	29°D 0	27°47	24° 6	n.a.	S 4
S 5	16 9 46	2° 0'26	14♍ 2	15°20	2° 5	2°26	16°29	9°28	20°31	1° 0	22°37	29° 1	27°44	24°12	n.a.	S 5
M 6	16 13 43	2°57'32	28° 6	17°14	3°17	3° 7	16°26	9°32	20°29	0°59	22°38	29° 2	27°41	24°19	n.a.	M 6
T 7	16 17 39	3°54'39	12♎ 2	19° 5	4°29	3°47	16°22	9°37	20°26	0°59	22°39	29° 3	27°38	24°26	n.a.	T 7
W 8	16 21 36	4°51'46	25°49	20°55	5°40	4°28	16°19	9°41	20°24	0°58	22°39	29°R 4	27°35	24°32	n.a.	W 8
T 9	16 25 32	5°48'54	9♏26	22°42	6°52	5° 8	16°17	9°45	20°22	0°57	22°40	29° 4	27°32	24°39	n.a.	T 9
F 10	16 29 29	6°46'02	22°51	24°28	8° 4	5°48	16°14	9°50	20°20	0°56	22°40	29° 2	27°28	24°46	n.a.	F 10
S 11	16 33 25	7°43'10	6♐ 3	26°12	9°16	6°28	16°11	9°54	20°17	0°56	22°41	28°58	27°25	24°53	n.a.	S 11
S 12	16 37 22	8°40'20	19° 1	27°54	10°28	7° 9	16° 9	9°59	20°15	0°55	22°41	28°52	27°22	24°59	n.a.	S 12
M13	16 41 18	9°37'30	1♑45	29°34	11°40	7°49	16° 7	10° 4	20°13	0°54	22°41	28°46	27°19	25° 6	n.a.	M13
T 14	16 45 15	10°34'40	14°14	1♋13	12°52	8°29	16° 5	10° 9	20°10	0°53	22°42	28°39	27°16	25°13	n.a.	T 14
W15	16 49 12	11°31'52	26°29	2°49	14° 4	9° 9	16° 3	10°13	20° 8	0°52	22°42	28°32	27°13	25°19	n.a.	W15
T 16	16 53 8	12°29'05	8♒34	4°24	15°16	9°49	16° 2	10°18	20° 6	0°51	22°43	28°26	27° 9	25°26	n.a.	T 16
F 17	16 57 5	13°26'18	20°30	5°57	16°28	10°29	16° 0	10°23	20° 3	0°50	22°43	28°21	27° 6	25°33	n.a.	F 17
S 18	17 1 1	14°23'33	2♓22	7°28	17°40	11° 8	15°59	10°28	20° 1	0°49	22°43	28°18	27° 3	25°40	n.a.	S 18
S 19	17 4 58	15°20'48	14°15	8°57	18°52	11°48	15°58	10°34	19°58	0°48	22°44	28°D18	27° 0	25°46	n.a.	S 19
M20	17 8 54	16°18'05	26°12	10°24	20° 5	12°28	15°57	10°39	19°56	0°47	22°44	28°18	26°57	25°53	n.a.	M20
T 21	17 12 51	17°15'23	8♈20	11°50	21°17	13° 8	15°57	10°44	19°54	0°46	22°44	28°19	26°53	26° 0	n.a.	T 21
W22	17 16 47	18°12'42	20°42	13°13	22°30	13°47	15°56	10°49	19°51	0°45	22°45	28°20	26°50	26° 6	n.a.	W22
T 23	17 20 44	19°10'03	3♉24	14°34	23°42	14°27	15°56	10°55	19°49	0°44	22°45	28°R20	26°47	26°13	n.a.	T 23
F 24	17 24 41	20° 7'24	16°29	15°54	24°54	15° 6	15°D56	11° 0	19°46	0°43	22°45	28°19	26°44	26°20	n.a.	F 24
S 25	17 28 37	21° 4'47	29°58	17°11	26° 7	15°46	15°56	11° 6	19°44	0°42	22°45	28°15	26°41	26°26	n.a.	S 25
S 26	17 32 34	22° 2'12	13♊50	18°26	27°20	16°25	15°56	11°11	19°42	0°40	22°45	28° 9	26°38	26°33	n.a.	S 26
M27	17 36 30	22°59'37	28° 3	19°39	28°32	17° 5	15°57	11°17	19°39	0°39	22°46	28° 2	26°34	26°40	n.a.	M27
T 28	17 40 27	23°57'04	12♋32	20°50	29°45	17°44	15°57	11°23	19°37	0°38	22°46	27°53	26°31	26°47	n.a.	T 28
W29	17 44 23	24°54'31	27°10	21°58	0♊58	18°23	15°58	11°28	19°34	0°37	22°46	27°45	26°28	26°53	n.a.	W29
T 30	17 48 20	25♊52'00	11♌49	23♋ 4	2♊11	19♉ 2	15♎59	11♌34	19♐32	0♒35	22♓46	27♎37	26♎25	27♒ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 5	17n39	5s 6	23n42	1n49	9n 9	1s39	11n16	0s18	5s33	1n14	20n 4	1n53	23s47	0s18	21s 0	0s46	18s15	16s44	11s20	10s55	9s27		n.a.
T 2	20 17	15 6	5 12	24 4	1 52	9 37	1 37	11 31	0 18	5 31	1 14	20 3	1 53	23 47	0 18	21 0	0 46	18 15	16 44	11 19	10 54	9 25		n.a.
F 3	20 30	11 39	5 0	24 24	1 54	10 4	1 35	11 46	0 17	5 30	1 13	20 1	1 53	23 47	0 18	21 0	0 46	18 16	16 44	11 18	10 53	9 23		n.a.
S 4	20 42	7 31	4 29	24 41	1 55	10 31	1 34	12 1	0 16	5 29	1 13	20 0	1 53	23 47	0 18	21 0	0 46	18 16	16 45	11 18	10 51	9 21		n.a.
S 5	20 54	2 59	3 41	24 56	1 56	10 57	1 32	12 16	0 16	5 28	1 13	19 59	1 53	23 47	0 18	21 0	0 46	18 16	16 45	11 18	10 50	9 19		n.a.
M 6	21 5	1s41	2 41	25 8	1 56	11 24	1 30	12 31	0 15	5 27	1 13	19 58	1 53	23 47	0 18	21 1	0 46	18 16	16 45	11 18	10 49	9 18		n.a.
T 7	21 16	6 14	1 32	25 18	1 56	11 50	1 28	12 45	0 15	5 26	1 12	19 56	1 53	23 46	0 18	21 1	0 46	18 16	16 46	11 19	10 48	9 16		n.a.
W 8	21 27	10 24	0 18	25 25	1 55	12 16	1 26	13 0	0 14	5 25	1 12	19 55	1 53	23 46	0 18	21 1	0 46	18 16	16 46	11 19	10 47	9 14		n.a.
T 9	21 37	13 59	0n56	25 30	1 53	12 42	1 24	13 14	0 13	5 24	1 12	19 54	1 53	23 46	0 18	21 1	0 46	18 16	16 46	11 19	10 46	9 12		n.a.
F 10	21 47	16 45	2 6	25 33	1 51	13 7	1 22	13 28	0 13	5 23	1 11	19 52	1 52	23 46	0 18	21 1	0 46	18 16	16 47	11 18	10 44	9 10		n.a.
S 11	21 57	18 35	3 7	25 34	1 48	13 33	1 20	13 42	0 12	5 23	1 11	19 51	1 52	23 46	0 18	21 2	0 46	18 16	16 47	11 17	10 43	9 8		n.a.
S 12	22 6	19 25	3 58	25 33	1 45	13 58	1 18	13 56	0 11	5 22	1 11	19 50	1 52	23 46	0 18	21 2	0 46	18 16	16 47	11 15	10 42	9 6		n.a.
M13	22 15	19 13	4 36	25 31	1 41	14 22	1 16	14 10	0 11	5 21	1 11	19 48	1 52	23 45	0 18	21 2	0 46	18 16	16 48	11 12	10 41	9 5		n.a.
T 14	22 24	18 6	4 59	25 26	1 37	14 47	1 14	14 24	0 10	5 21	1 10	19 47	1 52	23 45	0 18	21 2	0 46	18 16	16 48	11 10	10 40	9 3		n.a.
W15	22 32	16 9	5 9	25 20	1 32	15 11	1 12	14 38	0 9	5 20	1 10	19 45	1 52	23 45	0 18	21 3	0 46	18 16	16 48	11 7	10 39	9 1		n.a.
T 16	22 39	13 31	5 4	25 12	1 27	15 34	1 9	14 51	0 9	5 20	1 10	19 44	1 52	23 45	0 18	21 3	0 46	18 17	16 49	11 5	10 37	8 59		n.a.
F 17	22 47	10 22	4 46	25 2	1 21	15 57	1 7	15 4	0 8	5 20	1 9	19 42	1 52	23 45	0 18	21 3	0 47	18 17	16 49	11 4	10 36	8 57		n.a.
S 18	22 54	6 49	4 16	24 51	1 15	16 20	1 5	15 18	0 7	5 20	1 9	19 41	1 52	23 45	0 18	21 3	0 47	18 17	16 49	11 3	10 35	8 55		n.a.
S 19	23 0	3 0	3 35	24 39	1 8	16 43	1 2	15 31	0 7	5 20	1 9	19 39	1 52	23 44	0 18	21 4	0 47	18 17	16 50	11 2	10 34	8 53		n.a.
M20	23 6	0n59	2 45	24 26	1 1	17 5	1 0	15 44	0 6	5 19	1 8	19 38	1 51	23 44	0 18	21 4	0 47	18 17	16 50	11 2	10 33	8 52		n.a.
T 21	23 12	4 58	1 46	24 11	0 54	17 27	0 58	15 57	0 5	5 19	1 8	19 36	1 51	23 44	0 18	21 4	0 47	18 17	16 50	11 3	10 32	8 50		n.a.
W22	23 18	8 51	0 41	23 55	0 46	17 48	0 55	16 9	0 5	5 20	1 8	19 35	1 51	23 44	0 18	21 4	0 47	18 18	16 51	11 3	10 30	8 48		n.a.
T 23	23 22	12 25	0s27	23 38	0 38	18 9	0 53	16 22	0 4	5 20	1 8	19 33	1 51	23 44	0 18	21 5	0 47	18 18	16 51	11 3	10 29	8 46		n.a.
F 24	23 27	15 30	1 36	23 21	0 29	18 29	0 50	16 34	0 3	5 20	1 7	19 32	1 51	23 44	0 18	21 5	0 47	18 18	16 51	11 3	10 28	8 44		n.a.
S 25	23 31	17 50	2 41	23 2	0 20	18 49	0 48	16 47	0 3	5 20	1 7	19 30	1 51	23 43	0 18	21 5	0 47	18 18	16 52	11 1	10 27	8 42		n.a.
S 26	23 35	19 12	3 39	22 43	0 11	19 9	0 45	16 59	0 2	5 21	1 7	19 28	1 51	23 43	0 18	21 5	0 47	18 18	16 52	10 59	10 26	8 40		n.a.
M27	23 38	19 24	4 25	22 23	0 2	19 28	0 43	17 11	0 1	5 21	1 6	19 27	1 51	23 43	0 18	21 6	0 47	18 19	16 52	10 57	10 25	8 39		n.a.
T 28	23 41	18 20	4 54	22 3	0s 8	19 46	0 40	17 23	0 1	5 22	1 6	19 25	1 51	23 43	0 18	21 6	0 47	18 19	16 53	10 53	10 23	8 37		n.a.
W29	23 43	16 5	5 5	21 42	0 18	20 4	0 37	17 35	0n 0	5 22	1 6	19 23	1 51	23 43	0 18	21 6	0 47	18 19	16 53	10 50	10 22	8 35		n.a.
T 30	23n46	12n47	4s56	21n21	0s28	20n22	0s35	17n46	0n 1	5s23	1n 6	19n22	1n51	23s42	0s18	21s 7	0s47	18s19	16s53	10s48	10s21	8s33		n.a.

Julian Day Number = 1314685.5, Delta T = 07h38m23s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'50, Lahiri = -19°19'50 Julian Calendar 1 June 1114 BCE == Greg. Calendar 21 May 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

JULY 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 52 17	26♊49'29	26♌23	24♋ 7	3♊23	19♉42	16♎ 0	11♌40	19°R30	0°R34	22♓46	27°R32	26♎22	27♒ 7	n.a.	F 1
S 2	17 56 13	27°46'59	10♍47	25° 8	4°36	20°21	16° 2	11°46	19♐27	0♒33	22°46	27♎28	26°19	27°13	n.a.	S 2
S 3	18 0 10	28°44'31	24°57	26° 6	5°49	21° 0	16° 3	11°52	19°25	0°31	22°46	27°D27	26°15	27°20	n.a.	S 3
M 4	18 4 6	29°42'03	8♎53	27° 1	7° 2	21°39	16° 5	11°58	19°23	0°30	22°R46	27°27	26°12	27°27	n.a.	M 4
T 5	18 8 3	0♋39'37	22°34	27°54	8°15	22°17	16° 7	12° 4	19°20	0°29	22°46	27°R28	26° 9	27°33	n.a.	T 5
W 6	18 11 59	1°37'11	6♏ 2	28°43	9°28	22°56	16° 9	12°10	19°18	0°27	22°46	27°28	26° 6	27°40	n.a.	W 6
T 7	18 15 56	2°34'47	19°16	29°28	10°41	23°35	16°11	12°16	19°16	0°26	22°46	27°26	26° 3	27°47	n.a.	T 7
F 8	18 19 52	3°32'24	2♐19	0♌10	11°54	24°14	16°14	12°23	19°13	0°25	22°46	27°21	25°59	27°54	n.a.	F 8
S 9	18 23 49	4°30'02	15°11	0°49	13° 8	24°52	16°16	12°29	19°11	0°23	22°46	27°14	25°56	28° 0	n.a.	S 9
S 10	18 27 46	5°27'42	27°51	1°23	14°21	25°31	16°19	12°35	19° 9	0°22	22°46	27° 4	25°53	28° 7	n.a.	S 10
M11	18 31 42	6°25'23	10♑20	1°53	15°34	26°10	16°22	12°41	19° 6	0°20	22°46	26°53	25°50	28°14	n.a.	M11
T 12	18 35 39	7°23'06	22°39	2°19	16°48	26°48	16°25	12°48	19° 4	0°19	22°45	26°41	25°47	28°20	n.a.	T 12
W13	18 39 35	8°20'50	4♒48	2°40	18° 1	27°27	16°29	12°54	19° 2	0°17	22°45	26°28	25°44	28°27	n.a.	W13
T 14	18 43 32	9°18'36	16°48	2°57	19°14	28° 5	16°32	13° 1	19° 0	0°16	22°45	26°17	25°40	28°34	n.a.	T 14
F 15	18 47 28	10°16'24	28°41	3° 8	20°28	28°43	16°36	13° 7	18°58	0°14	22°45	26° 8	25°37	28°41	n.a.	F 15
S 16	18 51 25	11°14'13	10♓31	3°14	21°41	29°22	16°40	13°14	18°55	0°13	22°45	26° 2	25°34	28°47	n.a.	S 16
S 17	18 55 21	12°12'05	22°21	3°R14	22°55	29°59	16°44	13°20	18°53	0°11	22°44	25°58	25°31	28°54	n.a.	S 17
M18	18 59 18	13° 9'58	4♈17	3° 9	24° 8	0♊38	16°48	13°27	18°51	0°10	22°44	25°57	25°28	29° 1	n.a.	M18
T 19	19 3 15	14° 7'53	16°22	2°58	25°22	1°16	16°52	13°34	18°49	0° 8	22°44	25°D56	25°25	29° 7	n.a.	T 19
W20	19 7 11	15° 5'50	28°42	2°41	26°36	1°54	16°57	13°41	18°47	0° 6	22°43	25°R57	25°21	29°14	n.a.	W20
T 21	19 11 8	16° 3'50	11♉23	2°18	27°50	2°32	17° 1	13°47	18°45	0° 5	22°43	25°56	25°18	29°21	n.a.	T 21
F 22	19 15 4	17° 1'51	24°29	1°49	29° 3	3°10	17° 6	13°54	18°43	0° 3	22°43	25°53	25°15	29°27	n.a.	F 22
S 23	19 19 1	17°59'54	8♊ 3	1°14	0♋17	3°48	17°11	14° 1	18°41	0° 2	22°42	25°48	25°12	29°34	n.a.	S 23
S 24	19 22 57	18°58'00	22° 5	0°34	1°31	4°26	17°16	14° 8	18°39	0° 0	22°42	25°41	25° 9	29°41	n.a.	S 24
M25	19 26 54	19°56'07	6♋34	29♋49	2°45	5° 4	17°22	14°15	18°37	29♑58	22°42	25°31	25° 5	29°48	n.a.	M25
T 26	19 30 50	20°54'17	21°22	28°59	3°59	5°41	17°27	14°22	18°35	29°57	22°41	25°20	25° 2	29°54	n.a.	T 26
W27	19 34 47	21°52'28	6♌23	28° 6	5°13	6°19	17°33	14°29	18°33	29°55	22°41	25° 9	24°59	0♓ 1	n.a.	W27
T 28	19 38 44	22°50'41	21°26	27° 9	6°27	6°56	17°39	14°35	18°31	29°54	22°40	24°59	24°56	0° 8	n.a.	T 28
F 29	19 42 40	23°48'55	6♍21	26°12	7°41	7°34	17°44	14°42	18°29	29°52	22°40	24°51	24°53	0°14	n.a.	F 29
S 30	19 46 37	24°47'12	21° 2	25°13	8°55	8°11	17°51	14°50	18°28	29°50	22°39	24°46	24°50	0°21	n.a.	S 30
S 31	19 50 33	25♋45'29	5♎22	24♋15	10♋ 9	8♊49	17♎57	14♌57	18♐26	29♑49	22♓39	24♎43	24♎46	0♓28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	8n44	4s27	21n 0	0s39	20n39	0s32	17n58	0n 1	5s24	1n 5	19n20	1n51	23s42	0s18	21s 7	0s47	18s20	16s54	10s46	10s20	8s31		n.a.
S 2	23 48	4 13	3 43	20 38	0 50	20 55	0 30	18 9	0 2	5 24	1 5	19 18	1 50	23 42	0 18	21 7	0 47	18 20	16 54	10 44	10 19	8 29		n.a.
S 3	23 49	0s28	2 44	20 16	1 1	21 11	0 27	18 20	0 3	5 25	1 5	19 16	1 50	23 42	0 18	21 8	0 47	18 20	16 54	10 44	10 18	8 27		n.a.
M 4	23 49	5 4	1 38	19 55	1 12	21 26	0 24	18 31	0 3	5 26	1 4	19 15	1 50	23 42	0 18	21 8	0 47	18 21	16 55	10 44	10 16	8 25		n.a.
T 5	23 49	9 19	0 26	19 33	1 23	21 41	0 22	18 42	0 4	5 27	1 4	19 13	1 50	23 41	0 18	21 8	0 47	18 21	16 55	10 44	10 15	8 24		n.a.
W 6	23 49	13 2	0n46	19 12	1 35	21 55	0 19	18 53	0 5	5 28	1 4	19 11	1 50	23 41	0 18	21 9	0 47	18 21	16 55	10 44	10 14	8 22		n.a.
T 7	23 48	16 0	1 53	18 51	1 46	22 8	0 16	19 4	0 6	5 30	1 3	19 9	1 50	23 41	0 18	21 9	0 47	18 22	16 56	10 43	10 13	8 20		n.a.
F 8	23 47	18 7	2 54	18 31	1 58	22 21	0 14	19 14	0 6	5 31	1 3	19 7	1 50	23 41	0 18	21 9	0 47	18 22	16 56	10 42	10 12	8 18		n.a.
S 9	23 45	19 15	3 45	18 11	2 10	22 34	0 11	19 24	0 7	5 32	1 3	19 5	1 50	23 41	0 18	21 10	0 47	18 22	16 56	10 39	10 11	8 16		n.a.
S 10	23 43	19 25	4 24	17 52	2 22	22 45	0 8	19 34	0 8	5 33	1 3	19 4	1 50	23 41	0 18	21 10	0 47	18 23	16 57	10 36	10 9	8 14		n.a.
M11	23 40	18 36	4 49	17 34	2 33	22 56	0 6	19 44	0 8	5 35	1 2	19 2	1 50	23 40	0 18	21 10	0 47	18 23	16 57	10 31	10 8	8 12		n.a.
T 12	23 37	16 57	5 1	17 17	2 45	23 6	0 3	19 54	0 9	5 36	1 2	19 0	1 50	23 40	0 18	21 11	0 47	18 23	16 57	10 27	10 7	8 10		n.a.
W13	23 33	14 33	4 58	17 1	2 56	23 16	0 0	20 4	0 10	5 38	1 2	18 58	1 50	23 40	0 18	21 11	0 47	18 24	16 58	10 22	10 6	8 9		n.a.
T 14	23 30	11 34	4 43	16 47	3 7	23 25	0n 2	20 13	0 11	5 39	1 1	18 56	1 50	23 40	0 18	21 11	0 47	18 24	16 58	10 18	10 5	8 7		n.a.
F 15	23 25	8 8	4 15	16 33	3 18	23 33	0 5	20 23	0 11	5 41	1 1	18 54	1 50	23 40	0 18	21 12	0 47	18 24	16 58	10 15	10 4	8 5		n.a.
S 16	23 20	4 25	3 36	16 22	3 29	23 41	0 7	20 32	0 12	5 43	1 1	18 52	1 50	23 39	0 18	21 12	0 47	18 25	16 59	10 13	10 2	8 3		n.a.
S 17	23 15	0 31	2 48	16 12	3 39	23 48	0 10	20 41	0 13	5 45	1 1	18 50	1 50	23 39	0 18	21 12	0 47	18 25	16 59	10 11	10 1	8 1		n.a.
M18	23 10	3n26	1 52	16 4	3 48	23 54	0 12	20 50	0 13	5 47	1 0	18 48	1 50	23 39	0 18	21 13	0 47	18 26	16 59	10 11	10 0	7 59		n.a.
T 19	23 4	7 19	0 51	15 58	3 57	23 59	0 15	20 59	0 14	5 49	1 0	18 46	1 50	23 39	0 18	21 13	0 47	18 26	16 59	10 11	9 59	7 57		n.a.
W20	22 57	10 58	0s15	15 55	4 4	24 4	0 17	21 7	0 15	5 51	1 0	18 44	1 50	23 39	0 18	21 13	0 47	18 26	17 0	10 11	9 58	7 55		n.a.
T 21	22 50	14 13	1 21	15 53	4 11	24 8	0 20	21 16	0 16	5 53	1 0	18 42	1 50	23 39	0 18	21 14	0 47	18 27	17 0	10 10	9 57	7 54		n.a.
F 22	22 43	16 51	2 25	15 54	4 17	24 12	0 22	21 24	0 16	5 55	0 59	18 40	1 50	23 38	0 18	21 14	0 47	18 27	17 0	10 9	9 55	7 52		n.a.
S 23	22 36	18 40	3 23	15 58	4 21	24 14	0 25	21 32	0 17	5 57	0 59	18 38	1 50	23 38	0 18	21 15	0 47	18 28	17 1	10 8	9 54	7 50		n.a.
S 24	22 27	19 24	4 11	16 4	4 24	24 16	0 27	21 40	0 18	5 59	0 59	18 36	1 50	23 38	0 18	21 15	0 47	18 28	17 1	10 5	9 53	7 48		n.a.
M25	22 19	18 55	4 44	16 12	4 25	24 17	0 29	21 47	0 19	6 2	0 58	18 34	1 50	23 38	0 18	21 15	0 47	18 29	17 1	10 1	9 52	7 46		n.a.
T 26	22 10	17 10	5 0	16 23	4 24	24 18	0 32	21 55	0 19	6 4	0 58	18 32	1 50	23 38	0 18	21 16	0 47	18 29	17 2	9 57	9 51	7 44		n.a.
W27	22 1	14 13	4 55	16 37	4 21	24 17	0 34	22 2	0 20	6 6	0 58	18 30	1 50	23 38	0 18	21 16	0 47	18 30	17 2	9 53	9 49	7 42		n.a.
T 28	21 51	10 20	4 29	16 52	4 17	24 16	0 36	22 10	0 21	6 9	0 58	18 28	1 49	23 37	0 18	21 16	0 48	18 30	17 2	9 49	9 48	7 40		n.a.
F 29	21 41	5 50	3 46	17 9	4 10	24 14	0 39	22 17	0 22	6 11	0 57	18 26	1 49	23 37	0 18	21 17	0 48	18 30	17 3	9 46	9 47	7 38		n.a.
S 30	21 31	1 3	2 48	17 28	4 2	24 12	0 41	22 24	0 22	6 14	0 57	18 23	1 49	23 37	0 18	21 17	0 48	18 31	17 3	9 44	9 46	7 37		n.a.
S 31	21n20	3s42	1s40	17n49	3s52	24n 9	0n43	22n30	0n23	6s17	0n57	18n21	1n49	23s37	0s18	21s18	0s48	18s31	17s 3	9s44	9s45	7s35		n.a.

Julian Day Number = 1314715.5, Delta T = 07h38m22s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'46, Lahiri = -19°19'46 Julian Calendar 1 July 1114 BCE == Greg. Calendar 20 June 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

AUGUST 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 54 30	26♋43'49	19♎21	23°R19	11♋24	9♊26	18♎ 3	15♌ 4	18°R24	29°R47	22°R38	24°R43	24♎43	0♓34	n.a.	M 1
T 2	19 58 26	27°42'10	2♏59	22♋27	12°38	10° 3	18°10	15°11	18♐23	29♑45	22♓37	24♎43	24°40	0°41	n.a.	T 2
W 3	20 2 23	28°40'33	16°17	21°39	13°52	10°41	18°16	15°18	18°21	29°44	22°37	24°42	24°37	0°48	n.a.	W 3
T 4	20 6 19	29°38'58	29°18	20°57	15° 6	11°18	18°23	15°25	18°19	29°42	22°36	24°39	24°34	0°55	n.a.	T 4
F 5	20 10 16	0♌37'24	12♐ 5	20°22	16°21	11°55	18°30	15°32	18°18	29°40	22°36	24°34	24°31	1° 1	n.a.	F 5
S 6	20 14 12	1°35'53	24°40	19°54	17°35	12°32	18°37	15°39	18°16	29°39	22°35	24°26	24°27	1° 8	n.a.	S 6
S 7	20 18 9	2°34'23	7♑ 4	19°35	18°50	13° 9	18°45	15°47	18°15	29°37	22°34	24°16	24°24	1°15	n.a.	S 7
M 8	20 22 6	3°32'55	19°20	19°24	20° 4	13°46	18°52	15°54	18°13	29°35	22°34	24° 3	24°21	1°21	n.a.	M 8
T 9	20 26 2	4°31'29	1♒27	19°D23	21°18	14°22	19° 0	16° 1	18°12	29°34	22°33	23°49	24°18	1°28	n.a.	T 9
W10	20 29 59	5°30'05	13°28	19°31	22°33	14°59	19° 7	16° 8	18°10	29°32	22°32	23°36	24°15	1°35	n.a.	W10
T 11	20 33 55	6°28'44	25°23	19°49	23°47	15°36	19°15	16°15	18° 9	29°30	22°31	23°23	24°11	1°41	n.a.	T 11
F 12	20 37 52	7°27'24	7♓13	20°16	25° 2	16°12	19°23	16°23	18° 8	29°29	22°31	23°13	24° 8	1°48	n.a.	F 12
S 13	20 41 48	8°26'07	19° 2	20°52	26°17	16°49	19°31	16°30	18° 6	29°27	22°30	23° 6	24° 5	1°55	n.a.	S 13
S 14	20 45 45	9°24'52	0♈52	21°37	27°31	17°25	19°39	16°37	18° 5	29°26	22°29	23° 1	24° 2	2° 1	n.a.	S 14
M15	20 49 41	10°23'39	12°46	22°30	28°46	18° 2	19°47	16°45	18° 4	29°24	22°28	22°59	23°59	2° 8	n.a.	M15
T 16	20 53 38	11°22'29	24°50	23°31	0♌ 1	18°38	19°56	16°52	18° 3	29°22	22°28	22°D59	23°56	2°15	n.a.	T 16
W17	20 57 34	12°21'21	7♉ 8	24°38	1°16	19°14	20° 4	16°59	18° 2	29°21	22°27	22°R59	23°52	2°22	n.a.	W17
T 18	21 1 31	13°20'15	19°45	25°52	2°30	19°50	20°13	17° 6	18° 1	29°19	22°26	22°59	23°49	2°28	n.a.	T 18
F 19	21 5 28	14°19'12	2♊47	27°12	3°45	20°27	20°22	17°14	18° 0	29°18	22°25	22°57	23°46	2°35	n.a.	F 19
S 20	21 9 24	15°18'12	16°16	28°37	5° 0	21° 3	20°31	17°21	17°59	29°16	22°24	22°54	23°43	2°42	n.a.	S 20
S 21	21 13 21	16°17'14	0♋16	0♌ 6	6°15	21°39	20°40	17°28	17°58	29°14	22°23	22°48	23°40	2°48	n.a.	S 21
M22	21 17 17	17°16'18	14°45	1°39	7°30	22°15	20°49	17°36	17°57	29°13	22°22	22°39	23°36	2°55	n.a.	M22
T 23	21 21 14	18°15'25	29°38	3°15	8°45	22°50	20°58	17°43	17°56	29°11	22°22	22°30	23°33	3° 2	n.a.	T 23
W24	21 25 10	19°14'34	14♌48	4°54	10° 0	23°26	21° 8	17°50	17°55	29°10	22°21	22°20	23°30	3° 8	n.a.	W24
T 25	21 29 7	20°13'45	0♍ 5	6°36	11°15	24° 2	21°17	17°58	17°55	29° 8	22°20	22°11	23°27	3°15	n.a.	T 25
F 26	21 33 3	21°12'58	15°17	8°18	12°30	24°37	21°27	18° 5	17°54	29° 7	22°19	22° 5	23°24	3°22	n.a.	F 26
S 27	21 37 0	22°12'13	0♎15	10° 3	13°45	25°13	21°37	18°12	17°53	29° 5	22°18	22° 0	23°21	3°28	n.a.	S 27
S 28	21 40 57	23°11'30	14°51	11°48	15° 0	25°48	21°46	18°20	17°53	29° 4	22°17	21°58	23°17	3°35	n.a.	S 28
M29	21 44 53	24°10'49	29° 2	13°34	16°15	26°24	21°56	18°27	17°52	29° 2	22°16	21°D58	23°14	3°42	n.a.	M29
T 30	21 48 50	25°10'11	12♏46	15°20	17°30	26°59	22° 6	18°34	17°52	29° 1	22°15	21°59	23°11	3°49	n.a.	T 30
W31	21 52 46	26♌ 9'34	26♏ 6	17♌ 7	18♌45	27♊34	22♎17	18♌42	17♐51	28♑59	22♓14	22°R 0	23♎ 8	3♓55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n 9	8s 8	0s28	18n10	3s39	24n 4	0n45	22n37	0n24	6s19	0n57	18n19	1n49	23s37	0s18	21s18	0s48	18s32	17s 3	9s43	9s44	7s33			n.a.
T 2	20 57	12 1	0n44	18 33	3 25	24 0	0 47	22 43	0 25	6 22	0 56	18 17	1 49	23 37	0 18	21 18	0 48	18 32	17 4	9 43	9 42	7 31			n.a.
W 3	20 45	15 12	1 51	18 55	3 10	23 54	0 49	22 50	0 26	6 25	0 56	18 15	1 49	23 36	0 18	21 19	0 48	18 33	17 4	9 43	9 41	7 29			n.a.
T 4	20 33	17 32	2 52	19 18	2 54	23 48	0 51	22 56	0 26	6 28	0 56	18 13	1 49	23 36	0 18	21 19	0 48	18 33	17 4	9 42	9 40	7 27			n.a.
F 5	20 20	18 56	3 42	19 41	2 36	23 41	0 53	23 2	0 27	6 31	0 56	18 11	1 49	23 36	0 18	21 19	0 48	18 34	17 4	9 40	9 39	7 25			n.a.
S 6	20 7	19 22	4 21	20 3	2 18	23 33	0 55	23 7	0 28	6 34	0 55	18 8	1 50	23 36	0 18	21 20	0 48	18 34	17 5	9 37	9 38	7 23			n.a.
S 7	19 54	18 51	4 47	20 24	1 59	23 25	0 57	23 13	0 29	6 37	0 55	18 6	1 50	23 36	0 18	21 20	0 48	18 35	17 5	9 33	9 36	7 22			n.a.
M 8	19 40	17 28	4 59	20 44	1 41	23 16	0 59	23 18	0 29	6 40	0 55	18 4	1 50	23 36	0 18	21 20	0 48	18 35	17 5	9 28	9 35	7 20			n.a.
T 9	19 26	15 19	4 58	21 3	1 22	23 6	1 0	23 24	0 30	6 43	0 55	18 2	1 50	23 36	0 18	21 21	0 48	18 36	17 6	9 23	9 34	7 18			n.a.
W10	19 12	12 32	4 43	21 20	1 3	22 55	1 2	23 29	0 31	6 46	0 54	18 0	1 50	23 36	0 18	21 21	0 48	18 36	17 6	9 18	9 33	7 16			n.a.
T 11	18 57	9 16	4 16	21 35	0 45	22 44	1 4	23 34	0 32	6 49	0 54	17 57	1 50	23 35	0 18	21 22	0 48	18 37	17 6	9 14	9 32	7 14			n.a.
F 12	18 42	5 38	3 37	21 48	0 28	22 32	1 5	23 38	0 33	6 53	0 54	17 55	1 50	23 35	0 18	21 22	0 48	18 37	17 6	9 10	9 30	7 12			n.a.
S 13	18 27	1 49	2 50	21 59	0 12	22 20	1 7	23 43	0 33	6 56	0 54	17 53	1 50	23 35	0 18	21 22	0 48	18 38	17 7	9 7	9 29	7 10			n.a.
S 14	18 11	2n 6	1 55	22 8	0n 4	22 6	1 8	23 47	0 34	6 59	0 53	17 51	1 50	23 35	0 18	21 23	0 48	18 39	17 7	9 5	9 28	7 8			n.a.
M15	17 55	5 57	0 54	22 13	0 19	21 52	1 10	23 51	0 35	7 3	0 53	17 49	1 50	23 35	0 18	21 23	0 48	18 39	17 7	9 4	9 27	7 6			n.a.
T 16	17 39	9 37	0s10	22 17	0 33	21 38	1 11	23 56	0 36	7 6	0 53	17 46	1 50	23 35	0 18	21 23	0 48	18 40	17 7	9 4	9 26	7 4			n.a.
W17	17 22	12 56	1 15	22 17	0 45	21 22	1 12	23 59	0 37	7 10	0 53	17 44	1 50	23 35	0 18	21 24	0 48	18 40	17 7	9 4	9 25	7 3			n.a.
T 18	17 5	15 45	2 17	22 14	0 57	21 6	1 13	24 3	0 38	7 13	0 52	17 42	1 50	23 35	0 18	21 24	0 48	18 41	17 8	9 4	9 23	7 1			n.a.
F 19	16 48	17 52	3 15	22 9	1 7	20 50	1 15	24 7	0 38	7 17	0 52	17 40	1 50	23 35	0 18	21 24	0 48	18 41	17 8	9 4	9 22	6 59			n.a.
S 20	16 30	19 3	4 4	22 1	1 16	20 33	1 16	24 10	0 39	7 20	0 52	17 37	1 50	23 34	0 18	21 25	0 48	18 42	17 8	9 2	9 21	6 57			n.a.
S 21	16 13	19 9	4 41	21 50	1 24	20 15	1 17	24 13	0 40	7 24	0 52	17 35	1 50	23 34	0 18	21 25	0 48	18 42	17 8	9 0	9 20	6 55			n.a.
M22	15 54	18 1	5 1	21 36	1 31	19 57	1 18	24 16	0 41	7 28	0 52	17 33	1 50	23 34	0 18	21 25	0 48	18 43	17 8	8 57	9 19	6 53			n.a.
T 23	15 36	15 39	5 1	21 19	1 37	19 38	1 19	24 19	0 42	7 31	0 51	17 31	1 50	23 34	0 18	21 26	0 48	18 43	17 9	8 54	9 17	6 51			n.a.
W24	15 17	12 11	4 41	21 0	1 42	19 18	1 20	24 22	0 43	7 35	0 51	17 29	1 50	23 34	0 18	21 26	0 48	18 44	17 9	8 50	9 16	6 49			n.a.
T 25	14 59	7 53	4 0	20 38	1 46	18 58	1 20	24 25	0 43	7 39	0 51	17 26	1 50	23 34	0 18	21 26	0 48	18 44	17 9	8 47	9 15	6 47			n.a.
F 26	14 39	3 5	3 3	20 14	1 49	18 37	1 21	24 27	0 44	7 43	0 51	17 24	1 50	23 34	0 18	21 27	0 48	18 45	17 9	8 44	9 14	6 46			n.a.
S 27	14 20	1s50	1 53	19 48	1 51	18 16	1 22	24 29	0 45	7 47	0 51	17 22	1 50	23 34	0 18	21 27	0 48	18 45	17 9	8 42	9 13	6 44			n.a.
S 28	14 0	6 32	0 38	19 20	1 53	17 55	1 23	24 31	0 46	7 51	0 50	17 20	1 50	23 34	0 18	21 27	0 48	18 46	17 10	8 42	9 11	6 42			n.a.
M29	13 40	10 43	0n38	18 50	1 53	17 32	1 23	24 33	0 47	7 54	0 50	17 17	1 50	23 34	0 18	21 28	0 48	18 47	17 10	8 42	9 10	6 40			n.a.
T 30	13 20	14 11	1 49	18 18	1 53	17 10	1 24	24 35	0 48	7 58	0 50	17 15	1 51	23 34	0 18	21 28	0 48	18 47	17 10	8 42	9 9	6 38			n.a.
W31	13n 0	16s48	2n52	17n44	1n53	16n46	1n24	24n37	0n49	8s 2	0n50	17n13	1n51	23s34	0s18	21s28	0s48	18s48	17s10	8s42	9s 8	6s36			n.a.

Julian Day Number = 1314746.5, Delta T = 07h38m20s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'42, Lahiri = -19°19'42 Julian Calendar 1 Aug. 1114 BCE == Greg. Calendar 21 July 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

SEPTEMBER 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 43	27♌ 8'58	9♐ 4	18♌54	20♌ 0	28♊ 9	22♎27	18♌49	17°R51	28°R58	22°R13	21°R59	23♎ 5	4♓ 2	n.a.	T 1
F 2	22 0 39	28° 8'25	21°44	20°41	21°16	28°44	22°37	18°56	17♐51	28♑57	22♓12	21♎56	23° 2	4° 9	n.a.	F 2
S 3	22 4 36	29° 7'54	4♑ 9	22°27	22°31	29°19	22°48	19° 3	17°50	28°55	22°11	21°51	22°58	4°15	n.a.	S 3
S 4	22 8 32	0♍ 7'25	16°22	24°13	23°46	29°54	22°58	19°11	17°50	28°54	22°10	21°44	22°55	4°22	n.a.	S 4
M 5	22 12 29	1° 6'58	28°27	25°59	25° 1	0♋29	23° 9	19°18	17°50	28°52	22° 9	21°35	22°52	4°29	n.a.	M 5
T 6	22 16 25	2° 6'32	10♒26	27°44	26°16	1° 3	23°20	19°25	17°50	28°51	22° 8	21°25	22°49	4°35	n.a.	T 6
W 7	22 20 22	3° 6'09	22°20	29°29	27°32	1°38	23°30	19°32	17°50	28°50	22° 7	21°16	22°46	4°42	n.a.	W 7
T 8	22 24 19	4° 5'48	4♓11	1♍13	28°47	2°12	23°41	19°40	17°D50	28°49	22° 5	21° 7	22°42	4°49	n.a.	T 8
F 9	22 28 15	5° 5'29	16° 1	2°56	0♍ 2	2°47	23°52	19°47	17°50	28°47	22° 4	21° 0	22°39	4°55	n.a.	F 9
S 10	22 32 12	6° 5'12	27°52	4°39	1°18	3°21	24° 3	19°54	17°50	28°46	22° 3	20°55	22°36	5° 2	n.a.	S 10
S 11	22 36 8	7° 4'57	9♈45	6°21	2°33	3°55	24°15	20° 1	17°50	28°45	22° 2	20°52	22°33	5° 9	n.a.	S 11
M12	22 40 5	8° 4'45	21°44	8° 3	3°48	4°29	24°26	20° 8	17°50	28°44	22° 1	20°D51	22°30	5°16	n.a.	M12
T 13	22 44 1	9° 4'35	3♉52	9°44	5° 4	5° 4	24°37	20°15	17°50	28°42	22° 0	20°52	22°27	5°22	n.a.	T 13
W14	22 47 58	10° 4'27	16°12	11°25	6°19	5°37	24°49	20°22	17°51	28°41	21°59	20°54	22°23	5°29	n.a.	W14
T 15	22 51 54	11° 4'22	28°48	13° 4	7°34	6°11	25° 0	20°29	17°51	28°40	21°58	20°55	22°20	5°36	n.a.	T 15
F 16	22 55 51	12° 4'19	11♊46	14°44	8°50	6°45	25°12	20°36	17°51	28°39	21°57	20°R56	22°17	5°42	n.a.	F 16
S 17	22 59 47	13° 4'18	25° 8	16°22	10° 5	7°19	25°23	20°43	17°52	28°38	21°56	20°55	22°14	5°49	n.a.	S 17
S 18	23 3 44	14° 4'20	8♋57	18° 0	11°21	7°52	25°35	20°50	17°52	28°37	21°54	20°53	22°11	5°56	n.a.	S 18
M19	23 7 41	15° 4'24	23°14	19°38	12°36	8°26	25°47	20°57	17°53	28°36	21°53	20°49	22° 8	6° 2	n.a.	M19
T 20	23 11 37	16° 4'31	7♌56	21°15	13°52	8°59	25°59	21° 4	17°53	28°35	21°52	20°44	22° 4	6° 9	n.a.	T 20
W21	23 15 34	17° 4'39	22°58	22°51	15° 7	9°32	26°11	21°11	17°54	28°34	21°51	20°39	22° 1	6°16	n.a.	W21
T 22	23 19 30	18° 4'50	8♍11	24°27	16°23	10° 5	26°23	21°18	17°55	28°33	21°50	20°34	21°58	6°22	n.a.	T 22
F 23	23 23 27	19° 5'03	23°26	26° 2	17°38	10°38	26°35	21°25	17°55	28°32	21°49	20°31	21°55	6°29	n.a.	F 23
S 24	23 27 23	20° 5'17	8♎31	27°37	18°54	11°11	26°47	21°31	17°56	28°31	21°48	20°29	21°52	6°36	n.a.	S 24
S 25	23 31 20	21° 5'34	23°18	29°12	20° 9	11°44	26°59	21°38	17°57	28°30	21°46	20°D28	21°48	6°42	n.a.	S 25
M26	23 35 16	22° 5'52	7♏41	0♎46	21°25	12°16	27°11	21°45	17°58	28°29	21°45	20°29	21°45	6°49	n.a.	M26
T 27	23 39 13	23° 6'12	21°37	2°19	22°40	12°49	27°24	21°51	17°59	28°29	21°44	20°31	21°42	6°56	n.a.	T 27
W28	23 43 10	24° 6'33	5♐ 6	3°52	23°56	13°21	27°36	21°58	18° 0	28°28	21°43	20°32	21°39	7° 2	n.a.	W28
T 29	23 47 6	25° 6'57	18° 9	5°25	25°11	13°54	27°49	22° 4	18° 1	28°27	21°42	20°33	21°36	7° 9	n.a.	T 29
F 30	23 51 3	26♍ 7'21	0♑50	6♎57	26♍27	14♋26	28♎ 1	22♌11	18♐ 2	28♑26	21♓41	20°R33	21♎33	7♓16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n39	18s28	3n45	17n10	1n51	16n23	1n24	24n38	0n50	8s 7	0n49	17n11	1n51	23s34	0s18	21s28	0s48	18s48	17s10	8s42	9s 7	6s34		n.a.
F 2	12 19	19 9	4 25	16 34	1 50	15 59	1 25	24 40	0 50	8 11	0 49	17 8	1 51	23 34	0 18	21 29	0 48	18 49	17 10	8 41	9 5	6 32		n.a.
S 3	11 58	18 54	4 52	15 56	1 47	15 34	1 25	24 41	0 51	8 15	0 49	17 6	1 51	23 34	0 18	21 29	0 48	18 49	17 10	8 39	9 4	6 30		n.a.
S 4	11 36	17 45	5 5	15 18	1 44	15 9	1 25	24 42	0 52	8 19	0 49	17 4	1 51	23 34	0 18	21 29	0 48	18 50	17 11	8 36	9 3	6 28		n.a.
M 5	11 15	15 50	5 4	14 39	1 41	14 43	1 25	24 43	0 53	8 23	0 49	17 2	1 51	23 34	0 18	21 30	0 48	18 50	17 11	8 33	9 2	6 27		n.a.
T 6	10 54	13 15	4 50	13 59	1 37	14 18	1 25	24 43	0 54	8 27	0 49	16 59	1 51	23 34	0 18	21 30	0 48	18 51	17 11	8 29	9 1	6 25		n.a.
W 7	10 32	10 9	4 23	13 18	1 33	13 51	1 25	24 44	0 55	8 31	0 48	16 57	1 51	23 33	0 18	21 30	0 48	18 51	17 11	8 25	8 59	6 23		n.a.
T 8	10 10	6 39	3 45	12 36	1 29	13 25	1 25	24 44	0 56	8 36	0 48	16 55	1 51	23 33	0 18	21 30	0 48	18 52	17 11	8 22	8 58	6 21		n.a.
F 9	9 48	2 53	2 57	11 54	1 25	12 58	1 25	24 45	0 57	8 40	0 48	16 53	1 51	23 33	0 18	21 31	0 48	18 52	17 11	8 19	8 57	6 19		n.a.
S 10	9 25	0n59	2 1	11 11	1 20	12 30	1 25	24 45	0 58	8 44	0 48	16 51	1 51	23 33	0 18	21 31	0 48	18 53	17 11	8 17	8 56	6 17		n.a.
S 11	9 3	4 50	1 0	10 28	1 14	12 3	1 24	24 45	0 59	8 49	0 48	16 48	1 52	23 33	0 18	21 31	0 48	18 53	17 11	8 16	8 55	6 15		n.a.
M12	8 40	8 32	0s 5	9 45	1 9	11 34	1 24	24 44	1 0	8 53	0 47	16 46	1 52	23 33	0 18	21 31	0 48	18 54	17 11	8 16	8 53	6 13		n.a.
T 13	8 18	11 55	1 10	9 1	1 4	11 6	1 24	24 44	1 1	8 57	0 47	16 44	1 52	23 34	0 18	21 32	0 48	18 55	17 11	8 16	8 52	6 11		n.a.
W14	7 55	14 49	2 13	8 17	0 58	10 37	1 23	24 44	1 2	9 2	0 47	16 42	1 52	23 34	0 18	21 32	0 48	18 55	17 11	8 17	8 51	6 9		n.a.
T 15	7 32	17 6	3 12	7 33	0 52	10 8	1 23	24 43	1 2	9 6	0 47	16 40	1 52	23 34	0 18	21 32	0 48	18 56	17 11	8 18	8 50	6 7		n.a.
F 16	7 9	18 34	4 2	6 49	0 46	9 39	1 22	24 42	1 3	9 11	0 47	16 37	1 52	23 34	0 18	21 32	0 48	18 56	17 12	8 18	8 49	6 6		n.a.
S 17	6 45	19 3	4 41	6 4	0 40	9 10	1 21	24 41	1 4	9 15	0 47	16 35	1 52	23 34	0 18	21 33	0 48	18 57	17 12	8 18	8 47	6 4		n.a.
S 18	6 22	18 27	5 5	5 20	0 33	8 40	1 21	24 40	1 5	9 20	0 46	16 33	1 52	23 34	0 18	21 33	0 48	18 57	17 12	8 17	8 46	6 2		n.a.
M19	5 58	16 40	5 12	4 35	0 27	8 10	1 20	24 39	1 6	9 24	0 46	16 31	1 53	23 34	0 18	21 33	0 48	18 57	17 12	8 15	8 45	6 0		n.a.
T 20	5 35	13 47	4 58	3 50	0 21	7 40	1 19	24 38	1 7	9 29	0 46	16 29	1 53	23 34	0 18	21 33	0 48	18 58	17 12	8 13	8 44	5 58		n.a.
W21	5 11	9 56	4 24	3 6	0 14	7 9	1 18	24 37	1 8	9 33	0 46	16 27	1 53	23 34	0 18	21 33	0 48	18 58	17 12	8 11	8 43	5 56		n.a.
T 22	4 47	5 23	3 31	2 21	0 8	6 38	1 17	24 35	1 9	9 38	0 46	16 25	1 53	23 34	0 18	21 34	0 48	18 59	17 12	8 10	8 41	5 54		n.a.
F 23	4 23	0 28	2 23	1 37	0 1	6 8	1 16	24 34	1 10	9 42	0 46	16 22	1 53	23 34	0 18	21 34	0 48	18 59	17 12	8 8	8 40	5 52		n.a.
S 24	3 59	4s25	1 5	0 53	0s 6	5 37	1 15	24 32	1 11	9 47	0 45	16 20	1 53	23 34	0 18	21 34	0 48	19 0	17 12	8 7	8 39	5 50		n.a.
S 25	3 35	8 57	0n16	0 8	0 12	5 5	1 14	24 30	1 12	9 52	0 45	16 18	1 53	23 34	0 18	21 34	0 48	19 0	17 12	8 7	8 38	5 48		n.a.
M26	3 11	12 50	1 33	0s36	0 19	4 34	1 13	24 28	1 13	9 56	0 45	16 16	1 53	23 34	0 18	21 34	0 48	19 1	17 12	8 8	8 37	5 47		n.a.
T 27	2 47	15 50	2 43	1 20	0 25	4 3	1 11	24 26	1 15	10 1	0 45	16 14	1 54	23 34	0 18	21 34	0 48	19 1	17 12	8 8	8 35	5 45		n.a.
W28	2 23	17 52	3 41	2 3	0 32	3 31	1 10	24 24	1 16	10 6	0 45	16 12	1 54	23 34	0 18	21 35	0 48	19 2	17 12	8 9	8 34	5 43		n.a.
T 29	1 58	18 52	4 26	2 47	0 39	2 59	1 9	24 21	1 17	10 10	0 45	16 10	1 54	23 34	0 18	21 35	0 48	19 2	17 12	8 9	8 33	5 41		n.a.
F 30	1n34	18s53	4n57	3s30	0s45	2n28	1n 7	24n19	1n18	10s15	0n44	16n 8	1n54	23s34	0s18	21s35	0s48	19s 2	17s12	8s 9	8s32	5s39		n.a.

Julian Day Number = 1314777.5, Delta T = 07h38m18s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'38, Lahiri = -19°19'37 Julian Calendar 1 Sept. 1114 BCE == Greg. Calendar 21 Aug. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

OCTOBER 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 59	27♍ 7'48	13♉14	8♎29	27♍42	14♋58	28♎14	22♌17	18♐ 3	28°R26	21°R40	20°R32	21♎29	7♓23	n.a.	S 1
S 2	23 58 56	28° 8'15	25°23	10° 1	28°58	15°30	28°26	22°24	18° 4	28♉25	21♓38	20♎30	21°26	7°29	n.a.	S 2
M 3	0 2 52	29° 8'45	7♒22	11°32	0♎13	16° 1	28°39	22°30	18° 6	28°24	21°37	20°27	21°23	7°36	n.a.	M 3
T 4	0 6 49	0♎ 9'16	19°16	13° 3	1°29	16°33	28°52	22°37	18° 7	28°24	21°36	20°24	21°20	7°43	n.a.	T 4
W 5	0 10 45	1° 9'48	1♓ 6	14°33	2°44	17° 4	29° 5	22°43	18° 8	28°23	21°35	20°20	21°17	7°49	n.a.	W 5
T 6	0 14 42	2°10'22	12°56	16° 3	4° 0	17°36	29°17	22°49	18°10	28°23	21°34	20°17	21°13	7°56	n.a.	T 6
F 7	0 18 38	3°10'57	24°49	17°33	5°15	18° 7	29°30	22°55	18°11	28°22	21°33	20°15	21°10	8° 3	n.a.	F 7
S 8	0 22 35	4°11'34	6♈45	19° 2	6°31	18°38	29°43	23° 1	18°13	28°22	21°32	20°14	21° 7	8° 9	n.a.	S 8
S 9	0 26 32	5°12'13	18°47	20°31	7°46	19° 9	29°56	23° 7	18°14	28°21	21°31	20°D13	21° 4	8°16	n.a.	S 9
M10	0 30 28	6°12'53	0♉57	21°59	9° 2	19°39	0♏ 9	23°13	18°16	28°21	21°29	20°13	21° 1	8°23	n.a.	M10
T 11	0 34 25	7°13'36	13°16	23°27	10°17	20°10	0°22	23°19	18°17	28°21	21°28	20°14	20°58	8°29	n.a.	T 11
W12	0 38 21	8°14'19	25°47	24°55	11°33	20°40	0°35	23°25	18°19	28°20	21°27	20°15	20°54	8°36	n.a.	W12
T 13	0 42 18	9°15'05	8♊33	26°21	12°48	21°11	0°49	23°31	18°21	28°20	21°26	20°16	20°51	8°43	n.a.	T 13
F 14	0 46 14	10°15'53	21°34	27°48	14° 4	21°41	1° 2	23°37	18°22	28°20	21°25	20°17	20°48	8°49	n.a.	F 14
S 15	0 50 11	11°16'42	4♋55	29°13	15°20	22°11	1°15	23°43	18°24	28°20	21°24	20°18	20°45	8°56	n.a.	S 15
S 16	0 54 7	12°17'33	18°36	0♏38	16°35	22°41	1°28	23°48	18°26	28°19	21°23	20°R18	20°42	9° 3	n.a.	S 16
M17	0 58 4	13°18'25	2♌38	2° 2	17°51	23°10	1°42	23°54	18°28	28°19	21°22	20°17	20°39	9° 9	n.a.	M17
T 18	1 2 1	14°19'19	17° 1	3°25	19° 6	23°40	1°55	24° 0	18°30	28°19	21°21	20°17	20°35	9°16	n.a.	T 18
W19	1 5 57	15°20'15	1♍41	4°46	20°22	24° 9	2° 8	24° 5	18°32	28°19	21°20	20°16	20°32	9°23	n.a.	W19
T 20	1 9 54	16°21'12	16°33	6° 7	21°37	24°38	2°22	24°10	18°34	28°19	21°19	20°16	20°29	9°29	n.a.	T 20
F 21	1 13 50	17°22'11	1♎31	7°26	22°53	25° 7	2°35	24°16	18°36	28°D19	21°18	20°15	20°26	9°36	n.a.	F 21
S 22	1 17 47	18°23'11	16°26	8°44	24° 8	25°36	2°49	24°21	18°38	28°19	21°17	20°D15	20°23	9°43	n.a.	S 22
S 23	1 21 43	19°24'12	1♏ 9	10° 0	25°24	26° 4	3° 2	24°26	18°40	28°19	21°16	20°15	20°19	9°50	n.a.	S 23
M24	1 25 40	20°25'14	15°35	11°13	26°39	26°32	3°16	24°31	18°43	28°19	21°15	20°R15	20°16	9°56	n.a.	M24
T 25	1 29 36	21°26'18	29°37	12°24	27°55	27° 1	3°29	24°37	18°45	28°19	21°14	20°15	20°13	10° 3	n.a.	T 25
W26	1 33 33	22°27'22	13♐15	13°32	29°10	27°28	3°43	24°42	18°47	28°19	21°13	20°15	20°10	10°10	n.a.	W26
T 27	1 37 30	23°28'27	26°26	14°37	0♏26	27°56	3°56	24°46	18°49	28°20	21°12	20°15	20° 7	10°16	n.a.	T 27
F 28	1 41 26	24°29'33	9♑13	15°39	1°41	28°24	4°10	24°51	18°52	28°20	21°11	20°14	20° 4	10°23	n.a.	F 28
S 29	1 45 23	25°30'40	21°40	16°36	2°57	28°51	4°24	24°56	18°54	28°20	21°10	20°D14	20° 0	10°30	n.a.	S 29
S 30	1 49 19	26°31'47	3♒51	17°28	4°12	29°18	4°37	25° 1	18°57	28°20	21° 9	20°14	19°57	10°36	n.a.	S 30
M31	1 53 16	27♎32'55	15♒50	18♏14	5♏28	29♋45	4♏51	25♌ 5	18♐59	28♉21	21♓ 8	20♎15	19♎54	10♓43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n10	17s59	5n12	4s12	0s52	1n56	1n 6	24n16	1n19	10s20	0n44	16n 6	1n54	23s35	0s18	21s35	0s48	19s 3	17s12	8s 9	8s31	5s37		n.a.
S 2	0 45	16 16	5 14	4 55	0 58	1 24	1 4	24 14	1 20	10 24	0 44	16 4	1 54	23 35	0 18	21 35	0 48	19 3	17 11	8 8	8 29	5 35		n.a.
M 3	0 21	13 52	5 1	5 37	1 4	0 52	1 3	24 11	1 21	10 29	0 44	16 2	1 55	23 35	0 18	21 35	0 48	19 4	17 11	8 7	8 28	5 33		n.a.
T 4	0s 4	10 55	4 36	6 19	1 10	0 20	1 1	24 8	1 22	10 34	0 44	16 0	1 55	23 35	0 18	21 35	0 48	19 4	17 11	8 6	8 27	5 31		n.a.
W 5	0 28	7 32	3 59	7 0	1 16	0s12	0 59	24 5	1 23	10 38	0 44	15 58	1 55	23 35	0 18	21 35	0 47	19 5	17 11	8 4	8 26	5 29		n.a.
T 6	0 53	3 52	3 12	7 41	1 22	0 44	0 58	24 2	1 24	10 43	0 44	15 56	1 55	23 35	0 18	21 36	0 47	19 5	17 11	8 3	8 25	5 27		n.a.
F 7	1 17	0 1	2 16	8 21	1 28	1 16	0 56	23 59	1 25	10 48	0 43	15 54	1 55	23 35	0 18	21 36	0 47	19 5	17 11	8 2	8 23	5 26		n.a.
S 8	1 42	3n51	1 14	9 1	1 34	1 48	0 54	23 56	1 27	10 53	0 43	15 52	1 55	23 35	0 18	21 36	0 47	19 6	17 11	8 2	8 22	5 24		n.a.
S 9	2 6	7 36	0 8	9 40	1 40	2 20	0 52	23 53	1 28	10 57	0 43	15 51	1 56	23 35	0 18	21 36	0 47	19 6	17 11	8 1	8 21	5 22		n.a.
M10	2 30	11 4	0s59	10 19	1 45	2 52	0 51	23 49	1 29	11 2	0 43	15 49	1 56	23 36	0 18	21 36	0 47	19 6	17 11	8 2	8 20	5 20		n.a.
T 11	2 55	14 6	2 4	10 57	1 50	3 24	0 49	23 46	1 30	11 7	0 43	15 47	1 56	23 36	0 18	21 36	0 47	19 7	17 11	8 2	8 18	5 18		n.a.
W12	3 19	16 31	3 5	11 34	1 55	3 55	0 47	23 42	1 31	11 12	0 43	15 45	1 56	23 36	0 18	21 36	0 47	19 7	17 11	8 2	8 17	5 16		n.a.
T 13	3 43	18 11	3 57	12 11	2 0	4 27	0 45	23 39	1 32	11 17	0 43	15 43	1 56	23 36	0 18	21 36	0 47	19 7	17 10	8 3	8 16	5 14		n.a.
F 14	4 8	18 55	4 39	12 47	2 4	4 59	0 43	23 35	1 33	11 21	0 43	15 42	1 56	23 36	0 18	21 36	0 47	19 8	17 10	8 3	8 15	5 12		n.a.
S 15	4 32	18 38	5 6	13 22	2 8	5 30	0 41	23 31	1 35	11 26	0 42	15 40	1 57	23 36	0 18	21 36	0 47	19 8	17 10	8 3	8 14	5 10		n.a.
S 16	4 56	17 16	5 17	13 56	2 12	6 2	0 39	23 28	1 36	11 31	0 42	15 38	1 57	23 37	0 18	21 36	0 47	19 8	17 10	8 3	8 12	5 8		n.a.
M17	5 20	14 51	5 10	14 29	2 16	6 33	0 36	23 24	1 37	11 36	0 42	15 36	1 57	23 37	0 18	21 36	0 47	19 9	17 10	8 3	8 11	5 6		n.a.
T 18	5 44	11 29	4 44	15 1	2 19	7 4	0 34	23 20	1 38	11 40	0 42	15 35	1 57	23 37	0 18	21 36	0 47	19 9	17 10	8 3	8 10	5 4		n.a.
W19	6 8	7 20	3 59	15 32	2 22	7 35	0 32	23 16	1 40	11 45	0 42	15 33	1 57	23 37	0 18	21 36	0 47	19 9	17 10	8 3	8 9	5 3		n.a.
T 20	6 32	2 41	2 57	16 2	2 24	8 6	0 30	23 12	1 41	11 50	0 42	15 31	1 58	23 37	0 18	21 36	0 47	19 9	17 9	8 2	8 8	5 1		n.a.
F 21	6 56	2s10	1 42	16 30	2 26	8 37	0 28	23 8	1 42	11 55	0 42	15 30	1 58	23 37	0 18	21 36	0 47	19 10	17 9	8 2	8 6	4 59		n.a.
S 22	7 19	6 53	0 21	16 57	2 27	9 7	0 25	23 3	1 43	12 0	0 42	15 28	1 58	23 38	0 18	21 36	0 47	19 10	17 9	8 2	8 5	4 57		n.a.
S 23	7 43	11 7	1n 0	17 23	2 28	9 37	0 23	22 59	1 45	12 4	0 41	15 26	1 58	23 38	0 18	21 36	0 47	19 10	17 9	8 2	8 4	4 55		n.a.
M24	8 6	14 36	2 16	17 47	2 28	10 7	0 21	22 55	1 46	12 9	0 41	15 25	1 58	23 38	0 18	21 36	0 47	19 10	17 9	8 2	8 3	4 53		n.a.
T 25	8 29	17 7	3 22	18 9	2 28	10 37	0 19	22 51	1 47	12 14	0 41	15 23	1 59	23 38	0 18	21 36	0 47	19 11	17 9	8 2	8 1	4 51		n.a.
W26	8 53	18 33	4 14	18 29	2 27	11 6	0 16	22 47	1 49	12 19	0 41	15 22	1 59	23 38	0 18	21 36	0 47	19 11	17 8	8 2	8 0	4 49		n.a.
T 27	9 16	18 56	4 51	18 47	2 25	11 35	0 14	22 42	1 50	12 24	0 41	15 20	1 59	23 38	0 18	21 36	0 47	19 11	17 8	8 2	7 59	4 47		n.a.
F 28	9 38	18 19	5 12	19 3	2 22	12 4	0 11	22 38	1 51	12 28	0 41	15 19	1 59	23 39	0 18	21 36	0 47	19 11	17 8	8 2	7 58	4 45		n.a.
S 29	10 1	16 49	5 18	19 16	2 18	12 33	0 9	22 33	1 53	12 33	0 41	15 18	2 0	23 39	0 18	21 36	0 47	19 11	17 8	8 2	7 57	4 43		n.a.
S 30	10 24	14 36	5 9	19 27	2 13	13 1	0 7	22 29	1 54	12 38	0 41	15 16	2 0	23 39	0 18	21 36	0 47	19 12	17 7	8 2	7 55	4 41		n.a.
M31	10s46	11s47	4n47	19s34	2s 7	13s29	0n 4	22n25	1n55	12s43	0n41	15n15	2n 0	23s39	0s18	21s36	0s47	19s12	17s 7	8s 2	7s54	4s40		n.a.

Julian Day Number = 1314807.5, Delta T = 07h38m17s
Ecliptic obliquity = 23°49'31, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'34, Lahiri = -19°19'33 Julian Calendar 1 Oct. 1114 BCE == Greg. Calendar 20 Sept. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

NOVEMBER 1114 BCE (-1113) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 12	28♎34'03	27♒41	18♏55	6♏43	0♌11	5♏ 4	25♌10	19♐ 2	28♑21	21°R 7	20♎15	19♎51	10♓50	n.a.	T 1
W 2	2 1 9	29°35'12	9♓31	19°28	7°58	0°38	5°18	25°14	19° 4	28°21	21♓ 6	20°16	19°48	10°56	n.a.	W 2
T 3	2 5 5	0♏36'22	21°21	19°53	9°14	1° 4	5°32	25°19	19° 7	28°22	21° 6	20°17	19°44	11° 3	n.a.	T 3
F 4	2 9 2	1°37'32	3♈17	20° 9	10°29	1°29	5°46	25°23	19° 9	28°22	21° 5	20°18	19°41	11°10	n.a.	F 4
S 5	2 12 59	2°38'43	15°20	20°R16	11°45	1°55	5°59	25°27	19°12	28°23	21° 4	20°R19	19°38	11°16	n.a.	S 5
S 6	2 16 55	3°39'54	27°34	20°12	13° 0	2°20	6°13	25°31	19°15	28°23	21° 3	20°19	19°35	11°23	n.a.	S 6
M 7	2 20 52	4°41'06	10♉ 0	19°57	14°16	2°45	6°27	25°35	19°17	28°24	21° 2	20°18	19°32	11°30	n.a.	M 7
T 8	2 24 48	5°42'19	22°38	19°31	15°31	3°10	6°40	25°39	19°20	28°24	21° 2	20°16	19°29	11°36	n.a.	T 8
W 9	2 28 45	6°43'32	5♊29	18°53	16°46	3°35	6°54	25°43	19°23	28°25	21° 1	20°14	19°25	11°43	n.a.	W 9
T 10	2 32 41	7°44'46	18°34	18° 3	18° 2	3°59	7° 8	25°47	19°26	28°26	21° 0	20°12	19°22	11°50	n.a.	T 10
F 11	2 36 38	8°46'01	1♋52	17° 4	19°17	4°23	7°22	25°51	19°29	28°26	20°59	20° 9	19°19	11°56	n.a.	F 11
S 12	2 40 34	9°47'16	15°23	15°55	20°32	4°47	7°35	25°54	19°31	28°27	20°59	20° 7	19°16	12° 3	n.a.	S 12
S 13	2 44 31	10°48'33	29° 7	14°39	21°48	5°10	7°49	25°58	19°34	28°28	20°58	20° 5	19°13	12°10	n.a.	S 13
M14	2 48 28	11°49'49	13♌ 3	13°19	23° 3	5°33	8° 3	26° 1	19°37	28°29	20°57	20°D 5	19°10	12°16	n.a.	M14
T 15	2 52 24	12°51'07	27°11	11°56	24°18	5°56	8°16	26° 5	19°40	28°30	20°57	20° 5	19° 6	12°23	n.a.	T 15
W16	2 56 21	13°52'25	11♍28	10°35	25°34	6°19	8°30	26° 8	19°43	28°30	20°56	20° 7	19° 3	12°30	n.a.	W16
T 17	3 0 17	14°53'43	25°54	9°16	26°49	6°41	8°44	26°11	19°46	28°31	20°55	20° 8	19° 0	12°36	n.a.	T 17
F 18	3 4 14	15°55'02	10♎24	8° 4	28° 4	7° 3	8°58	26°14	19°49	28°32	20°55	20° 9	18°57	12°43	n.a.	F 18
S 19	3 8 10	16°56'21	24°53	6°59	29°20	7°24	9°11	26°17	19°52	28°33	20°54	20°R10	18°54	12°50	n.a.	S 19
S 20	3 12 7	17°57'41	9♏16	6° 4	0♐35	7°45	9°25	26°20	19°55	28°34	20°54	20° 8	18°50	12°56	n.a.	S 20
M21	3 16 4	18°59'00	23°28	5°19	1°50	8° 6	9°39	26°23	19°59	28°35	20°53	20° 6	18°47	13° 3	n.a.	M21
T 22	3 20 0	20° 0'20	7♐24	4°44	3° 5	8°26	9°52	26°25	20° 2	28°36	20°53	20° 2	18°44	13°10	n.a.	T 22
W23	3 23 57	21° 1'40	20°59	4°20	4°21	8°46	10° 6	26°28	20° 5	28°37	20°52	19°56	18°41	13°16	n.a.	W23
T 24	3 27 53	22° 2'59	4♑13	4° 5	5°36	9° 6	10°20	26°30	20° 8	28°39	20°52	19°51	18°38	13°23	n.a.	T 24
F 25	3 31 50	23° 4'18	17° 4	4°D 1	6°51	9°25	10°33	26°33	20°11	28°40	20°51	19°46	18°35	13°30	n.a.	F 25
S 26	3 35 46	24° 5'37	29°35	4° 6	8° 6	9°44	10°47	26°35	20°15	28°41	20°51	19°42	18°31	13°36	n.a.	S 26
S 27	3 39 43	25° 6'55	11♒48	4°19	9°22	10° 2	11° 0	26°37	20°18	28°42	20°50	19°39	18°28	13°43	n.a.	S 27
M28	3 43 39	26° 8'13	23°48	4°40	10°37	10°20	11°14	26°39	20°21	28°43	20°50	19°D38	18°25	13°50	n.a.	M28
T 29	3 47 36	27° 9'31	5♓40	5° 8	11°52	10°38	11°27	26°41	20°24	28°45	20°49	19°38	18°22	13°56	n.a.	T 29
W30	3 51 33	28♏10'47	17♓29	5♏43	13♐ 7	10♌55	11♏41	26♌43	20♐28	28♑46	20♓49	19♎40	18♎19	14♓ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 8	8s31	4n13	19s39	2s 0	13s57	0n 2	22n20	1n57	12s47	0n40	15n13	2n 0	23s39	0s18	21s36	0s47	19s12	17s 7	8s 2	7s53	4s38		n.a.
W 2	11 30	4 56	3 28	19 40	1 52	14 24	0s 0	22 16	1 58	12 52	0 40	15 12	2 1	23 40	0 18	21 35	0 47	19 12	17 7	8 3	7 52	4 36		n.a.
T 3	11 52	1 8	2 34	19 38	1 42	14 51	0 3	22 11	2 0	12 57	0 40	15 11	2 1	23 40	0 18	21 35	0 47	19 12	17 7	8 3	7 51	4 34		n.a.
F 4	12 14	2n45	1 33	19 32	1 31	15 17	0 5	22 7	2 1	13 1	0 40	15 10	2 1	23 40	0 18	21 35	0 47	19 12	17 6	8 4	7 49	4 32		n.a.
S 5	12 35	6 33	0 28	19 21	1 19	15 43	0 8	22 2	2 3	13 6	0 40	15 8	2 1	23 40	0 18	21 35	0 47	19 12	17 6	8 4	7 48	4 30		n.a.
S 6	12 56	10 9	0s40	19 7	1 4	16 9	0 10	21 58	2 4	13 11	0 40	15 7	2 1	23 41	0 18	21 35	0 47	19 12	17 6	8 4	7 47	4 28		n.a.
M 7	13 17	13 22	1 47	18 48	0 49	16 34	0 12	21 54	2 6	13 15	0 40	15 6	2 2	23 41	0 18	21 35	0 47	19 12	17 6	8 3	7 46	4 26		n.a.
T 8	13 38	16 0	2 50	18 24	0 32	16 59	0 15	21 49	2 7	13 20	0 40	15 5	2 2	23 41	0 18	21 35	0 47	19 13	17 5	8 3	7 44	4 24		n.a.
W 9	13 59	17 53	3 45	17 56	0 13	17 24	0 17	21 45	2 9	13 25	0 40	15 4	2 2	23 41	0 18	21 35	0 47	19 13	17 5	8 2	7 43	4 22		n.a.
T 10	14 19	18 51	4 29	17 23	0n 6	17 47	0 20	21 40	2 10	13 29	0 40	15 3	2 2	23 41	0 18	21 34	0 47	19 13	17 5	8 1	7 42	4 20		n.a.
F 11	14 39	18 49	5 0	16 47	0 26	18 11	0 22	21 36	2 12	13 34	0 40	15 2	2 3	23 42	0 18	21 34	0 47	19 13	17 4	8 0	7 41	4 18		n.a.
S 12	14 59	17 43	5 14	16 8	0 47	18 34	0 24	21 32	2 13	13 39	0 39	15 1	2 3	23 42	0 18	21 34	0 47	19 13	17 4	7 59	7 40	4 17		n.a.
S 13	15 18	15 35	5 12	15 26	1 7	18 56	0 27	21 27	2 15	13 43	0 39	15 0	2 3	23 42	0 18	21 34	0 47	19 13	17 4	7 58	7 38	4 15		n.a.
M14	15 38	12 32	4 51	14 43	1 27	19 18	0 29	21 23	2 16	13 48	0 39	14 59	2 3	23 42	0 18	21 34	0 47	19 13	17 4	7 58	7 37	4 13		n.a.
T 15	15 57	8 42	4 12	14 0	1 45	19 39	0 31	21 19	2 18	13 52	0 39	14 58	2 4	23 43	0 18	21 34	0 47	19 13	17 3	7 59	7 36	4 11		n.a.
W16	16 15	4 20	3 17	13 18	2 2	20 0	0 34	21 15	2 20	13 57	0 39	14 57	2 4	23 43	0 18	21 33	0 47	19 13	17 3	7 59	7 35	4 9		n.a.
T 17	16 34	0s19	2 10	12 39	2 17	20 21	0 36	21 11	2 21	14 1	0 39	14 56	2 4	23 43	0 18	21 33	0 47	19 13	17 3	8 0	7 33	4 7		n.a.
F 18	16 52	5 0	0 54	12 3	2 30	20 40	0 38	21 7	2 23	14 6	0 39	14 55	2 4	23 43	0 18	21 33	0 47	19 13	17 2	8 0	7 32	4 5		n.a.
S 19	17 10	9 23	0n26	11 32	2 41	20 59	0 40	21 3	2 25	14 10	0 39	14 54	2 5	23 44	0 18	21 33	0 47	19 13	17 2	8 0	7 31	4 3		n.a.
S 20	17 27	13 11	1 43	11 6	2 50	21 18	0 43	20 59	2 26	14 15	0 39	14 54	2 5	23 44	0 18	21 33	0 47	19 13	17 2	8 0	7 30	4 1		n.a.
M21	17 45	16 9	2 53	10 45	2 56	21 36	0 45	20 55	2 28	14 19	0 39	14 53	2 5	23 44	0 18	21 32	0 47	19 13	17 1	7 59	7 29	3 59		n.a.
T 22	18 2	18 6	3 51	10 29	3 0	21 53	0 47	20 51	2 30	14 24	0 39	14 52	2 6	23 44	0 18	21 32	0 47	19 12	17 1	7 57	7 27	3 57		n.a.
W23	18 18	18 58	4 34	10 19	3 2	22 9	0 49	20 47	2 31	14 28	0 39	14 52	2 6	23 45	0 18	21 32	0 47	19 12	17 1	7 55	7 26	3 55		n.a.
T 24	18 34	18 45	5 1	10 13	3 3	22 25	0 51	20 44	2 33	14 33	0 39	14 51	2 6	23 45	0 18	21 32	0 47	19 12	17 0	7 53	7 25	3 54		n.a.
F 25	18 50	17 33	5 12	10 13	3 2	22 41	0 53	20 40	2 35	14 37	0 38	14 51	2 6	23 45	0 18	21 31	0 47	19 12	17 0	7 51	7 24	3 52		n.a.
S 26	19 6	15 33	5 8	10 17	2 59	22 55	0 55	20 37	2 37	14 41	0 38	14 50	2 7	23 45	0 18	21 31	0 47	19 12	17 0	7 49	7 22	3 50		n.a.
S 27	19 21	12 54	4 49	10 25	2 56	23 9	0 57	20 33	2 39	14 46	0 38	14 49	2 7	23 45	0 18	21 31	0 47	19 12	16 59	7 48	7 21	3 48		n.a.
M28	19 36	9 44	4 19	10 36	2 51	23 23	0 59	20 30	2 40	14 50	0 38	14 49	2 7	23 46	0 18	21 30	0 47	19 12	16 59	7 48	7 20	3 46		n.a.
T 29	19 50	6 13	3 37	10 50	2 46	23 35	1 1	20 27	2 42	14 54	0 38	14 49	2 7	23 46	0 18	21 30	0 47	19 12	16 59	7 48	7 19	3 44		n.a.
W30	20s 4	2s28	2n47	11s 7	2n40	23s47	1s 3	20n24	2n44	14s59	0n38	14n48	2n 8	23s46	0s18	21s30	0s47	19s11	16s58	7s49	7s17	3s42		n.a.

Julian Day Number = 1314838.5, Delta T = 07h38m15s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'30, Lahiri = -19°19'29 Julian Calendar 1 Nov. 1114 BCE == Greg. Calendar 21 Oct. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1114 BCE
geocentric

DECEMBER 1114 BCE (-1113) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 29	29♏12'03	29♓20	6♏23	14♐22	11♌12	11♏54	26♌45	20♐31	28♑47	20°R49	19♎42	18♎16	14♓10	n.a.	T 1
F 2	3 59 26	0♐13'19	11♈18	7° 8	15°37	11°28	12° 8	26°46	20°34	28°49	20♓48	19°43	18°12	14°16	n.a.	F 2
S 3	4 3 22	1°14'34	23°27	7°58	16°52	11°44	12°21	26°48	20°38	28°50	20°48	19°R43	18° 9	14°23	n.a.	S 3
S 4	4 7 19	2°15'48	5♉50	8°52	18° 8	11°59	12°34	26°49	20°41	28°52	20°48	19°42	18° 6	14°30	n.a.	S 4
M 5	4 11 15	3°17'02	18°31	9°49	19°23	12°14	12°48	26°51	20°44	28°53	20°48	19°38	18° 3	14°36	n.a.	M 5
T 6	4 15 12	4°18'15	1♊29	10°50	20°38	12°29	13° 1	26°52	20°48	28°54	20°47	19°33	18° 0	14°43	n.a.	T 6
W 7	4 19 8	5°19'28	14°44	11°53	21°53	12°43	13°14	26°53	20°51	28°56	20°47	19°25	17°56	14°50	n.a.	W 7
T 8	4 23 5	6°20'40	28°16	12°59	23° 8	12°56	13°27	26°54	20°55	28°57	20°47	19°17	17°53	14°57	n.a.	T 8
F 9	4 27 2	7°21'51	12♋ 0	14° 8	24°23	13° 9	13°41	26°55	20°58	28°59	20°47	19° 9	17°50	15° 3	n.a.	F 9
S 10	4 30 58	8°23'02	25°54	15°19	25°38	13°21	13°54	26°56	21° 2	29° 1	20°47	19° 1	17°47	15°10	n.a.	S 10
S 11	4 34 55	9°24'13	9♌55	16°31	26°53	13°33	14° 7	26°56	21° 5	29° 2	20°47	18°55	17°44	15°17	n.a.	S 11
M12	4 38 51	10°25'22	23°59	17°46	28° 8	13°44	14°20	26°57	21° 8	29° 4	20°46	18°52	17°41	15°23	n.a.	M12
T 13	4 42 48	11°26'32	8♍ 5	19° 2	29°23	13°55	14°33	26°58	21°12	29° 5	20°46	18°D51	17°37	15°30	n.a.	T 13
W14	4 46 44	12°27'41	22°12	20°19	0♑37	14° 5	14°46	26°58	21°15	29° 7	20°46	18°51	17°34	15°37	n.a.	W14
T 15	4 50 41	13°28'49	6♎18	21°38	1°52	14°14	14°59	26°58	21°19	29° 9	20°46	18°52	17°31	15°43	n.a.	T 15
F 16	4 54 38	14°29'56	20°22	22°58	3° 7	14°23	15°12	26°58	21°22	29°11	20°D46	18°R52	17°28	15°50	n.a.	F 16
S 17	4 58 34	15°31'03	4♏23	24°19	4°22	14°32	15°25	26°R58	21°26	29°12	20°46	18°51	17°25	15°57	n.a.	S 17
S 18	5 2 31	16°32'10	18°18	25°41	5°37	14°39	15°37	26°58	21°29	29°14	20°46	18°48	17°21	16° 3	n.a.	S 18
M19	5 6 27	17°33'15	2♐ 5	27° 4	6°52	14°46	15°50	26°58	21°33	29°16	20°46	18°41	17°18	16°10	n.a.	M19
T 20	5 10 24	18°34'19	15°40	28°29	8° 7	14°53	16° 3	26°58	21°36	29°18	20°47	18°33	17°15	16°17	n.a.	T 20
W21	5 14 20	19°35'23	29° 1	29°54	9°21	14°58	16°15	26°58	21°40	29°20	20°47	18°22	17°12	16°23	n.a.	W21
T 22	5 18 17	20°36'25	12♑ 6	1♐20	10°36	15° 3	16°28	26°57	21°43	29°21	20°47	18°10	17° 9	16°30	n.a.	T 22
F 23	5 22 13	21°37'26	24°52	2°47	11°51	15° 8	16°41	26°57	21°47	29°23	20°47	17°59	17° 6	16°37	n.a.	F 23
S 24	5 26 10	22°38'25	7♒21	4°14	13° 6	15°11	16°53	26°56	21°51	29°25	20°47	17°49	17° 2	16°43	n.a.	S 24
S 25	5 30 7	23°39'23	19°34	5°43	14°20	15°14	17° 5	26°55	21°54	29°27	20°47	17°41	16°59	16°50	n.a.	S 25
M26	5 34 3	24°40'20	1♓34	7°12	15°35	15°16	17°18	26°54	21°58	29°29	20°47	17°36	16°56	16°57	n.a.	M26
T 27	5 38 0	25°41'15	13°26	8°42	16°50	15°18	17°30	26°53	22° 1	29°31	20°48	17°33	16°53	17° 3	n.a.	T 27
W28	5 41 56	26°42'08	25°14	10°13	18° 4	15°19	17°42	26°52	22° 5	29°33	20°48	17°D32	16°50	17°10	n.a.	W28
T 29	5 45 53	27°43'00	7♈ 5	11°45	19°19	15°R19	17°54	26°51	22° 8	29°35	20°48	17°32	16°47	17°17	n.a.	T 29
F 30	5 49 49	28°43'50	19° 2	13°17	20°33	15°18	18° 6	26°50	22°12	29°37	20°49	17°R33	16°43	17°23	n.a.	F 30
S 31	5 53 46	29♐44'38	1♉13	14♐50	21♑48	15♌17	18♏18	26♌48	22♐15	29♑39	20♓49	17♎32	16♎40	17♓30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s18	1n23	1n49	11s27	2n34	23s58	1s 5	20n21	2n46	15s 3	0n38	14n48	2n 8	23s46	0s18	21s30	0s47	19s11	16s58	7s49	7s16	3s40			n.a.
F 2	20 31	5 14	0 46	11 48	2 27	24 8	1 7	20 18	2 48	15 7	0 38	14 48	2 8	23 47	0 18	21 29	0 47	19 11	16 58	7 50	7 15	3 38			n.a.
S 3	20 44	8 56	0s20	12 12	2 19	24 18	1 8	20 16	2 50	15 11	0 38	14 47	2 9	23 47	0 18	21 29	0 47	19 11	16 57	7 50	7 14	3 36			n.a.
S 4	20 57	12 19	1 26	12 36	2 12	24 27	1 10	20 13	2 52	15 16	0 38	14 47	2 9	23 47	0 18	21 29	0 47	19 11	16 57	7 49	7 13	3 34			n.a.
M 5	21 9	15 13	2 30	13 2	2 4	24 35	1 12	20 11	2 54	15 20	0 38	14 47	2 9	23 47	0 18	21 28	0 47	19 10	16 57	7 48	7 11	3 32			n.a.
T 6	21 21	17 25	3 27	13 29	1 56	24 43	1 13	20 8	2 56	15 24	0 38	14 47	2 9	23 48	0 18	21 28	0 47	19 10	16 56	7 46	7 10	3 30			n.a.
W 7	21 32	18 44	4 14	13 57	1 48	24 49	1 15	20 6	2 58	15 28	0 38	14 47	2 10	23 48	0 18	21 28	0 47	19 10	16 56	7 43	7 9	3 29			n.a.
T 8	21 43	19 2	4 47	14 25	1 39	24 55	1 17	20 4	3 0	15 32	0 38	14 46	2 10	23 48	0 18	21 27	0 47	19 10	16 56	7 40	7 8	3 27			n.a.
F 9	21 53	18 13	5 5	14 54	1 31	25 0	1 18	20 2	3 2	15 36	0 38	14 46	2 10	23 48	0 18	21 27	0 47	19 9	16 55	7 37	7 6	3 25			n.a.
S 10	22 3	16 19	5 5	15 23	1 22	25 4	1 19	20 1	3 4	15 40	0 38	14 46	2 11	23 49	0 18	21 27	0 47	19 9	16 55	7 34	7 5	3 23			n.a.
S 11	22 13	13 26	4 47	15 52	1 14	25 8	1 21	19 59	3 6	15 44	0 37	14 46	2 11	23 49	0 18	21 26	0 47	19 9	16 55	7 32	7 4	3 21			n.a.
M12	22 22	9 47	4 12	16 21	1 6	25 11	1 22	19 58	3 8	15 48	0 37	14 46	2 11	23 49	0 18	21 26	0 47	19 9	16 54	7 30	7 3	3 19			n.a.
T 13	22 31	5 34	3 21	16 50	0 57	25 13	1 23	19 57	3 10	15 52	0 37	14 47	2 11	23 49	0 18	21 26	0 47	19 8	16 54	7 30	7 1	3 17			n.a.
W14	22 39	1 2	2 18	17 20	0 49	25 14	1 25	19 56	3 12	15 56	0 37	14 47	2 12	23 50	0 18	21 25	0 47	19 8	16 53	7 30	7 0	3 15			n.a.
T 15	22 47	3s34	1 7	17 49	0 41	25 14	1 26	19 55	3 14	16 0	0 37	14 47	2 12	23 50	0 18	21 25	0 47	19 8	16 53	7 30	6 59	3 13			n.a.
F 16	22 54	7 58	0n 8	18 17	0 32	25 14	1 27	19 54	3 16	16 4	0 37	14 47	2 12	23 50	0 18	21 25	0 47	19 7	16 53	7 30	6 58	3 11			n.a.
S 17	23 1	11 54	1 22	18 46	0 24	25 13	1 28	19 54	3 19	16 8	0 37	14 47	2 12	23 50	0 18	21 24	0 47	19 7	16 52	7 30	6 57	3 9			n.a.
S 18	23 8	15 8	2 31	19 13	0 16	25 11	1 29	19 54	3 21	16 11	0 37	14 48	2 13	23 51	0 18	21 24	0 47	19 7	16 52	7 29	6 55	3 7			n.a.
M19	23 14	17 29	3 30	19 41	0 9	25 8	1 30	19 54	3 23	16 15	0 37	14 48	2 13	23 51	0 18	21 23	0 47	19 6	16 52	7 26	6 54	3 6			n.a.
T 20	23 19	18 48	4 16	20 8	0 1	25 5	1 30	19 54	3 25	16 19	0 37	14 48	2 13	23 51	0 18	21 23	0 47	19 6	16 51	7 23	6 53	3 4			n.a.
W21	23 25	19 3	4 47	20 34	0s 7	25 0	1 31	19 54	3 27	16 23	0 37	14 49	2 14	23 51	0 18	21 23	0 47	19 6	16 51	7 19	6 52	3 2			n.a.
T 22	23 29	18 15	5 2	20 59	0 14	24 55	1 32	19 55	3 30	16 26	0 37	14 49	2 14	23 52	0 18	21 22	0 47	19 5	16 51	7 14	6 50	3 0			n.a.
F 23	23 33	16 33	5 1	21 24	0 21	24 49	1 32	19 55	3 32	16 30	0 37	14 50	2 14	23 52	0 18	21 22	0 47	19 5	16 50	7 10	6 49	2 58			n.a.
S 24	23 37	14 7	4 46	21 48	0 28	24 43	1 33	19 56	3 34	16 34	0 37	14 50	2 14	23 52	0 18	21 21	0 46	19 4	16 50	7 6	6 48	2 56			n.a.
S 25	23 40	11 6	4 18	22 11	0 35	24 35	1 34	19 58	3 36	16 37	0 37	14 51	2 15	23 52	0 18	21 21	0 46	19 4	16 49	7 3	6 47	2 54			n.a.
M26	23 43	7 41	3 39	22 33	0 42	24 27	1 34	19 59	3 39	16 41	0 37	14 51	2 15	23 52	0 18	21 21	0 46	19 4	16 49	7 1	6 45	2 52			n.a.
T 27	23 45	3 59	2 51	22 54	0 48	24 18	1 34	20 1	3 41	16 44	0 37	14 52	2 15	23 53	0 18	21 20	0 46	19 3	16 49	7 0	6 44	2 50			n.a.
W28	23 47	0 9	1 56	23 14	0 55	24 9	1 35	20 3	3 43	16 48	0 37	14 52	2 16	23 53	0 18	21 20	0 46	19 3	16 48	6 59	6 43	2 48			n.a.
T 29	23 48	3n42	0 55	23 34	1 1	23 58	1 35	20 5	3 45	16 51	0 37	14 53	2 16	23 53	0 18	21 19	0 46	19 2	16 48	7 0	6 42	2 46			n.a.
F 30	23 49	7 27	0s 8	23 52	1 7	23 47	1 35	20 7	3 47	16 55	0 37	14 54	2 16	23 53	0 18	21 19	0 46	19 2	16 48	7 0	6 40	2 44			n.a.
S 31	23s49	10n57	1s12	24s 9	1s12	23s35	1s35	20n10	3n50	16s58	0n37	14n54	2n16	23s54	0s18	21s18	0s46	19s 1	16s47	6s59	6s39	2s42			n.a.

Julian Day Number = 1314868.5, Delta T = 07h38m14s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'26, Lahiri = -19°19'25 Julian Calendar 1 Dec. 1114 BCE == Greg. Calendar 20 Nov. 1114 BCE

The year -1113 astronomical counting style corresponds to year 1114 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

JANUARY 1113 BCE (-1112) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 42	0♉45'24	13♉40	16♐24	23♉ 3	15°R14	18♏30	26°R47	22♐19	29♉41	20♓49	17°R29	16♎37	17♓37	n.a.	S 1
M 2	6 1 39	1°46'09	26°29	17°59	24°17	15♌12	18°42	26♌45	22°22	29°43	20°50	17♎23	16°34	17°43	n.a.	M 2
T 3	6 5 36	2°46'53	9♊41	19°34	25°31	15° 8	18°54	26°43	22°26	29°45	20°50	17°15	16°31	17°50	n.a.	T 3
W 4	6 9 32	3°47'34	23°16	21°11	26°46	15° 3	19° 5	26°41	22°29	29°47	20°50	17° 4	16°27	17°57	n.a.	W 4
T 5	6 13 29	4°48'15	7♋12	22°48	28° 0	14°58	19°17	26°40	22°32	29°49	20°51	16°52	16°24	18° 3	n.a.	T 5
F 6	6 17 25	5°48'53	21°24	24°26	29°15	14°52	19°29	26°38	22°36	29°51	20°51	16°40	16°21	18°10	n.a.	F 6
S 7	6 21 22	6°49'30	5♌47	26° 4	0♒29	14°45	19°40	26°35	22°39	29°54	20°52	16°29	16°18	18°17	n.a.	S 7
S 8	6 25 18	7°50'05	20°14	27°44	1°43	14°38	19°51	26°33	22°43	29°56	20°52	16°20	16°15	18°23	n.a.	S 8
M 9	6 29 15	8°50'39	4♍40	29°24	2°57	14°29	20° 3	26°31	22°46	29°58	20°53	16°14	16°12	18°30	n.a.	M 9
T 10	6 33 12	9°51'11	19° 0	1♉ 6	4°12	14°20	20°14	26°29	22°50	29°59	20°53	16°11	16° 8	18°36	n.a.	T 10
W11	6 37 8	10°51'42	3♎11	2°48	5°26	14°10	20°25	26°26	22°53	0♒ 2	20°54	16°10	16° 5	18°43	n.a.	W11
T 12	6 41 5	11°52'12	17°12	4°31	6°40	13°59	20°36	26°24	22°56	0° 4	20°54	16° 9	16° 2	18°50	n.a.	T 12
F 13	6 45 1	12°52'40	1♏ 2	6°15	7°54	13°48	20°47	26°21	23° 0	0° 7	20°55	16° 9	15°59	18°56	n.a.	F 13
S 14	6 48 58	13°53'06	14°43	8° 0	9° 8	13°35	20°58	26°18	23° 3	0° 9	20°56	16° 7	15°56	19° 3	n.a.	S 14
S 15	6 52 54	14°53'31	28°14	9°46	10°22	13°22	21° 8	26°15	23° 6	0°11	20°56	16° 2	15°53	19°10	n.a.	S 15
M16	6 56 51	15°53'55	11♐36	11°33	11°36	13° 9	21°19	26°13	23°10	0°13	20°57	15°55	15°49	19°16	n.a.	M16
T 17	7 0 47	16°54'17	24°47	13°21	12°50	12°54	21°30	26°10	23°13	0°15	20°58	15°44	15°46	19°23	n.a.	T 17
W18	7 4 44	17°54'37	7♉46	15°10	14° 4	12°39	21°40	26° 6	23°16	0°18	20°58	15°31	15°43	19°30	n.a.	W18
T 19	7 8 41	18°54'55	20°33	17° 0	15°18	12°23	21°50	26° 3	23°20	0°20	20°59	15°17	15°40	19°36	n.a.	T 19
F 20	7 12 37	19°55'11	3♒ 6	18°51	16°32	12° 6	22° 1	26° 0	23°23	0°22	21° 0	15° 3	15°37	19°43	n.a.	F 20
S 21	7 16 34	20°55'25	15°26	20°42	17°46	11°49	22°11	25°57	23°26	0°24	21° 1	14°51	15°33	19°50	n.a.	S 21
S 22	7 20 30	21°55'37	27°34	22°35	18°59	11°31	22°21	25°53	23°29	0°27	21° 1	14°40	15°30	19°56	n.a.	S 22
M23	7 24 27	22°55'47	9♓31	24°28	20°13	11°12	22°31	25°50	23°32	0°29	21° 2	14°33	15°27	20° 3	n.a.	M23
T 24	7 28 23	23°55'54	21°21	26°22	21°27	10°53	22°40	25°46	23°36	0°31	21° 3	14°28	15°24	20°10	n.a.	T 24
W25	7 32 20	24°56'00	3♈ 8	28°17	22°40	10°33	22°50	25°43	23°39	0°33	21° 4	14°26	15°21	20°16	n.a.	W25
T 26	7 36 16	25°56'03	14°57	0♒13	23°54	10°13	23° 0	25°39	23°42	0°36	21° 5	14°D26	15°18	20°23	n.a.	T 26
F 27	7 40 13	26°56'03	26°53	2° 9	25° 7	9°53	23° 9	25°36	23°45	0°38	21° 6	14°R26	15°14	20°30	n.a.	F 27
S 28	7 44 9	27°56'02	9♉ 2	4° 5	26°21	9°31	23°19	25°32	23°48	0°40	21° 6	14°26	15°11	20°36	n.a.	S 28
S 29	7 48 6	28°55'58	21°28	6° 2	27°34	9°10	23°28	25°28	23°51	0°42	21° 7	14°23	15° 8	20°43	n.a.	S 29
M30	7 52 3	29°55'52	4♊18	7°58	28°48	8°48	23°37	25°24	23°54	0°45	21° 8	14°19	15° 5	20°50	n.a.	M30
T 31	7 55 59	0♒55'44	17♊34	9♒55	0♓ 1	8♌26	23♏46	25♌20	23♐57	0♒47	21♓ 9	14♎12	15♎ 2	20♓56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s49	14n 4	2s14	24s24	1s18	23s23	1s35	20n12	3n52	17s 2	0n37	14n55	2n17	23s54	0s18	21s18	0s46	19s 1	16s47	6s58	6s38	2s41			n.a.
M 2	23 49	16 35	3 11	24 39	1 23	23 10	1 35	20 15	3 54	17 5	0 37	14 56	2 17	23 54	0 18	21 18	0 46	19 0	16 47	6 56	6 37	2 39			n.a.
T 3	23 48	18 19	3 59	24 52	1 27	22 56	1 35	20 19	3 56	17 8	0 37	14 57	2 17	23 54	0 18	21 17	0 46	19 0	16 46	6 53	6 36	2 37			n.a.
W 4	23 46	19 4	4 36	25 3	1 32	22 41	1 35	20 22	3 58	17 11	0 36	14 58	2 17	23 54	0 18	21 17	0 46	18 59	16 46	6 49	6 34	2 35			n.a.
T 5	23 44	18 41	4 57	25 14	1 36	22 26	1 34	20 26	4 1	17 15	0 36	14 59	2 18	23 55	0 18	21 16	0 46	18 59	16 45	6 44	6 33	2 33			n.a.
F 6	23 42	17 9	5 0	25 22	1 40	22 10	1 34	20 30	4 3	17 18	0 36	15 0	2 18	23 55	0 18	21 16	0 46	18 58	16 45	6 39	6 32	2 31			n.a.
S 7	23 39	14 32	4 44	25 30	1 44	21 54	1 34	20 34	4 5	17 21	0 36	15 1	2 18	23 55	0 18	21 15	0 46	18 58	16 45	6 35	6 31	2 29			n.a.
S 8	23 35	11 1	4 10	25 36	1 47	21 37	1 33	20 38	4 7	17 24	0 36	15 2	2 18	23 55	0 18	21 15	0 46	18 57	16 44	6 31	6 29	2 27			n.a.
M 9	23 31	6 51	3 21	25 40	1 50	21 19	1 33	20 43	4 9	17 27	0 36	15 3	2 19	23 55	0 18	21 14	0 46	18 57	16 44	6 29	6 28	2 25			n.a.
T 10	23 27	2 18	2 18	25 42	1 53	21 0	1 32	20 47	4 11	17 30	0 36	15 4	2 19	23 56	0 18	21 14	0 46	18 56	16 44	6 28	6 27	2 23			n.a.
W11	23 22	2s19	1 8	25 43	1 55	20 41	1 31	20 52	4 13	17 33	0 36	15 5	2 19	23 56	0 18	21 14	0 46	18 56	16 43	6 27	6 26	2 21			n.a.
T 12	23 17	6 46	0n 5	25 42	1 57	20 22	1 31	20 57	4 15	17 36	0 36	15 6	2 19	23 56	0 18	21 13	0 46	18 55	16 43	6 27	6 24	2 19			n.a.
F 13	23 11	10 48	1 18	25 39	1 59	20 2	1 30	21 3	4 17	17 39	0 36	15 7	2 20	23 56	0 18	21 13	0 46	18 55	16 43	6 27	6 23	2 18			n.a.
S 14	23 5	14 12	2 25	25 34	2 0	19 41	1 29	21 8	4 19	17 42	0 36	15 8	2 20	23 56	0 18	21 12	0 46	18 54	16 42	6 26	6 22	2 16			n.a.
S 15	22 59	16 48	3 23	25 27	2 0	19 20	1 28	21 14	4 21	17 45	0 36	15 9	2 20	23 57	0 18	21 12	0 46	18 54	16 42	6 24	6 21	2 14			n.a.
M16	22 52	18 26	4 9	25 19	2 1	18 58	1 27	21 19	4 22	17 48	0 36	15 11	2 20	23 57	0 18	21 11	0 46	18 53	16 42	6 21	6 19	2 12			n.a.
T 17	22 44	19 3	4 41	25 8	2 0	18 36	1 26	21 25	4 24	17 51	0 36	15 12	2 21	23 57	0 18	21 11	0 47	18 53	16 41	6 17	6 18	2 10			n.a.
W18	22 36	18 39	4 57	24 56	2 0	18 13	1 24	21 31	4 26	17 54	0 36	15 13	2 21	23 57	0 18	21 10	0 47	18 52	16 41	6 12	6 17	2 8			n.a.
T 19	22 28	17 18	4 59	24 41	1 59	17 50	1 23	21 38	4 27	17 56	0 36	15 14	2 21	23 57	0 18	21 10	0 47	18 51	16 41	6 7	6 16	2 6			n.a.
F 20	22 19	15 9	4 46	24 24	1 57	17 26	1 22	21 44	4 29	17 59	0 36	15 16	2 21	23 58	0 18	21 9	0 47	18 51	16 40	6 1	6 14	2 4			n.a.
S 21	22 10	12 21	4 19	24 5	1 55	17 2	1 20	21 50	4 30	18 2	0 36	15 17	2 21	23 58	0 18	21 9	0 47	18 50	16 40	5 56	6 13	2 2			n.a.
S 22	22 0	9 3	3 41	23 44	1 52	16 37	1 19	21 57	4 32	18 4	0 36	15 18	2 22	23 58	0 18	21 8	0 47	18 50	16 40	5 52	6 12	2 0			n.a.
M23	21 50	5 27	2 54	23 21	1 48	16 12	1 17	22 3	4 33	18 7	0 36	15 20	2 22	23 58	0 18	21 8	0 47	18 49	16 40	5 49	6 11	1 58			n.a.
T 24	21 40	1 40	1 59	22 56	1 45	15 46	1 16	22 10	4 34	18 9	0 36	15 21	2 22	23 58	0 18	21 7	0 47	18 48	16 39	5 48	6 9	1 56			n.a.
W25	21 29	2n11	1 0	22 28	1 40	15 20	1 14	22 17	4 35	18 12	0 36	15 23	2 22	23 58	0 18	21 7	0 47	18 48	16 39	5 47	6 8	1 55			n.a.
T 26	21 18	5 56	0s 3	21 58	1 35	14 54	1 12	22 23	4 36	18 14	0 36	15 24	2 22	23 59	0 18	21 6	0 47	18 47	16 39	5 47	6 7	1 53			n.a.
F 27	21 6	9 30	1 6	21 27	1 29	14 27	1 10	22 30	4 37	18 17	0 36	15 26	2 23	23 59	0 18	21 6	0 47	18 47	16 38	5 47	6 6	1 51			n.a.
S 28	20 55	12 44	2 7	20 53	1 23	14 0	1 8	22 37	4 38	18 19	0 36	15 27	2 23	23 59	0 18	21 5	0 47	18 46	16 38	5 47	6 4	1 49			n.a.
S 29	20 42	15 28	3 3	20 17	1 16	13 33	1 6	22 43	4 39	18 22	0 36	15 29	2 23	23 59	0 18	21 5	0 47	18 45	16 38	5 46	6 3	1 47			n.a.
M30	20 29	17 32	3 52	19 39	1 8	13 5	1 4	22 50	4 39	18 24	0 36	15 30	2 23	23 59	0 18	21 4	0 47	18 45	16 37	5 44	6 2	1 45			n.a.
T 31	20s16	18n44	4s31	19s 0	0s59	12s37	1s 2	22n56	4n40	18s26	0n36	15n32	2n23	23s59	0s18	21s 4	0s47	18s44	16s37	5s41	6s 1	1s43			n.a.

Julian Day Number = 1314899.5, Delta T = 07h38m12s
Ecliptic obliquity = 23°49'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'21, Lahiri = -19°19'21 Julian Calendar 1 Jan. 1113 BCE == Greg. Calendar 21 Dec. 1114 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

FEBRUARY 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 59 56	1♒55'33	1♋17	11♒51	1♓14	8°R 3	23♏55	25°R16	24♐ 0	0♒49	21♓10	14°R 3	14♎59	21♓ 3	n.a.	W 1
T 2	8 3 52	2°55'20	15°26	13°46	2°27	7♌40	24° 4	25♌12	24° 3	0°52	21°11	13♎52	14°55	21°10	n.a.	T 2
F 3	8 7 49	3°55'04	29°57	15°40	3°41	7°17	24°12	25° 8	24° 6	0°54	21°12	13°41	14°52	21°16	n.a.	F 3
S 4	8 11 45	4°54'47	14♌44	17°32	4°54	6°54	24°21	25° 4	24° 9	0°56	21°13	13°31	14°49	21°23	n.a.	S 4
S 5	8 15 42	5°54'27	29°37	19°23	6° 7	6°31	24°29	25° 0	24°12	0°58	21°14	13°23	14°46	21°30	n.a.	S 5
M 6	8 19 38	6°54'06	14♍28	21°11	7°20	6° 8	24°37	24°55	24°14	1° 1	21°15	13°17	14°43	21°36	n.a.	M 6
T 7	8 23 35	7°53'42	29°10	22°56	8°32	5°44	24°45	24°51	24°17	1° 3	21°16	13°14	14°39	21°43	n.a.	T 7
W 8	8 27 32	8°53'17	13♎37	24°38	9°45	5°21	24°53	24°47	24°20	1° 5	21°17	13°D14	14°36	21°50	n.a.	W 8
T 9	8 31 28	9°52'49	27°47	26°17	10°58	4°57	25° 1	24°42	24°23	1° 7	21°18	13°14	14°33	21°56	n.a.	T 9
F 10	8 35 25	10°52'20	11♏39	27°51	12°11	4°34	25° 9	24°38	24°25	1°10	21°19	13°R14	14°30	22° 3	n.a.	F 10
S 11	8 39 21	11°51'49	25°14	29°20	13°23	4°11	25°17	24°33	24°28	1°12	21°20	13°14	14°27	22°10	n.a.	S 11
S 12	8 43 18	12°51'16	8♐33	0♓45	14°36	3°48	25°24	24°29	24°31	1°14	21°22	13°11	14°24	22°16	n.a.	S 12
M13	8 47 14	13°50'41	21°37	2° 4	15°49	3°25	25°31	24°24	24°33	1°16	21°23	13° 5	14°20	22°23	n.a.	M13
T 14	8 51 11	14°50'05	4♑28	3°16	17° 1	3° 3	25°38	24°20	24°36	1°19	21°24	12°57	14°17	22°30	n.a.	T 14
W15	8 55 7	15°49'26	17° 7	4°23	18°13	2°40	25°45	24°15	24°38	1°21	21°25	12°48	14°14	22°36	n.a.	W15
T 16	8 59 4	16°48'45	29°35	5°23	19°26	2°19	25°52	24°11	24°41	1°23	21°26	12°37	14°11	22°43	n.a.	T 16
F 17	9 3 0	17°48'02	11♒53	6°16	20°38	1°57	25°59	24° 6	24°43	1°25	21°27	12°27	14° 8	22°50	n.a.	F 17
S 18	9 6 57	18°47'17	24° 0	7° 2	21°50	1°36	26° 5	24° 2	24°46	1°27	21°28	12°17	14° 5	22°56	n.a.	S 18
S 19	9 10 54	19°46'29	6♓ 0	7°41	23° 2	1°16	26°12	23°57	24°48	1°30	21°30	12° 9	14° 1	23° 3	n.a.	S 19
M20	9 14 50	20°45'39	17°52	8°12	24°14	0°56	26°18	23°52	24°50	1°32	21°31	12° 4	13°58	23°10	n.a.	M20
T 21	9 18 47	21°44'47	29°40	8°36	25°26	0°36	26°24	23°48	24°53	1°34	21°32	12° 1	13°55	23°16	n.a.	T 21
W22	9 22 43	22°43'53	11♈26	8°53	26°38	0°17	26°30	23°43	24°55	1°36	21°33	12°D 0	13°52	23°23	n.a.	W22
T 23	9 26 40	23°42'56	23°15	9° 2	27°50	29♋59	26°36	23°39	24°57	1°38	21°34	12° 0	13°49	23°29	n.a.	T 23
F 24	9 30 36	24°41'57	5♉11	9°R 4	29° 2	29°41	26°42	23°34	24°59	1°40	21°36	12° 2	13°45	23°36	n.a.	F 24
S 25	9 34 33	25°40'56	17°18	8°59	0♈14	29°24	26°47	23°29	25° 1	1°43	21°37	12° 3	13°42	23°43	n.a.	S 25
S 26	9 38 29	26°39'52	29°42	8°47	1°25	29° 8	26°52	23°25	25° 4	1°45	21°38	12°R 3	13°39	23°49	n.a.	S 26
M27	9 42 26	27°38'45	12♊28	8°29	2°37	28°52	26°57	23°20	25° 6	1°47	21°40	12° 2	13°36	23°56	n.a.	M27
T 28	9 46 22	28°37'37	25°40	8° 5	3°48	28°37	27° 2	23°16	25° 8	1°49	21°41	11°59	13°33	24° 3	n.a.	T 28
W29	9 50 19	29♒36'25	9♋20	7♓36	4♈59	28♋23	27♏ 7	23♌11	25♐10	1♒51	21♓42	11♎54	13♎30	24♓ 9	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 3	18n54	4s55	18s19	0s50	12s 9	1s 0	23n 3	4n40	18s28	0n36	15n33	2n23	24s 0	0s18	21s 3	0s47	18s43	16s37	5s38	5s59	1s41		n.a.
T 2	19 49	17 55	5 2	17 37	0 41	11 40	0 58	23 9	4 41	18 31	0 36	15 35	2 24	24 0	0 18	21 3	0 47	18 43	16 37	5 33	5 58	1 39		n.a.
F 3	19 35	15 45	4 50	16 53	0 30	11 11	0 56	23 16	4 41	18 33	0 36	15 36	2 24	24 0	0 18	21 2	0 47	18 42	16 36	5 29	5 57	1 37		n.a.
S 4	19 21	12 33	4 19	16 8	0 19	10 42	0 53	23 22	4 41	18 35	0 36	15 38	2 24	24 0	0 18	21 2	0 47	18 41	16 36	5 25	5 56	1 35		n.a.
S 5	19 6	8 31	3 30	15 22	0 8	10 12	0 51	23 28	4 41	18 37	0 36	15 39	2 24	24 0	0 18	21 1	0 47	18 41	16 36	5 22	5 55	1 33		n.a.
M 6	18 51	3 57	2 27	14 36	0n 4	9 42	0 49	23 34	4 41	18 39	0 36	15 41	2 24	24 0	0 18	21 1	0 47	18 40	16 36	5 20	5 53	1 32		n.a.
T 7	18 35	0s48	1 14	13 50	0 17	9 12	0 46	23 40	4 40	18 41	0 36	15 43	2 24	24 0	0 18	21 0	0 47	18 40	16 35	5 18	5 52	1 30		n.a.
W 8	18 20	5 26	0n 2	13 4	0 29	8 42	0 44	23 45	4 40	18 43	0 36	15 44	2 25	24 1	0 18	21 0	0 47	18 39	16 35	5 18	5 51	1 28		n.a.
T 9	18 3	9 40	1 17	12 18	0 42	8 12	0 41	23 51	4 40	18 45	0 36	15 46	2 25	24 1	0 19	20 59	0 47	18 38	16 35	5 18	5 50	1 26		n.a.
F 10	17 47	13 16	2 26	11 32	0 56	7 41	0 38	23 56	4 39	18 47	0 36	15 47	2 25	24 1	0 19	20 59	0 47	18 38	16 35	5 18	5 48	1 24		n.a.
S 11	17 30	16 4	3 25	10 48	1 9	7 11	0 36	24 1	4 38	18 49	0 36	15 49	2 25	24 1	0 19	20 58	0 47	18 37	16 34	5 18	5 47	1 22		n.a.
S 12	17 13	17 57	4 11	10 6	1 23	6 40	0 33	24 6	4 37	18 51	0 36	15 51	2 25	24 1	0 19	20 58	0 47	18 36	16 34	5 17	5 46	1 20		n.a.
M13	16 56	18 50	4 44	9 25	1 36	6 9	0 30	24 11	4 37	18 52	0 36	15 52	2 25	24 1	0 19	20 57	0 47	18 36	16 34	5 15	5 45	1 18		n.a.
T 14	16 39	18 43	5 2	8 46	1 50	5 37	0 27	24 15	4 36	18 54	0 36	15 54	2 25	24 1	0 19	20 57	0 47	18 35	16 34	5 12	5 43	1 16		n.a.
W15	16 21	17 41	5 4	8 10	2 3	5 6	0 24	24 19	4 34	18 56	0 36	15 56	2 25	24 1	0 19	20 56	0 47	18 34	16 33	5 8	5 42	1 14		n.a.
T 16	16 3	15 49	4 52	7 36	2 15	4 34	0 21	24 23	4 33	18 57	0 36	15 57	2 25	24 2	0 19	20 56	0 47	18 34	16 33	5 4	5 41	1 12		n.a.
F 17	15 45	13 15	4 26	7 5	2 27	4 3	0 18	24 27	4 32	18 59	0 36	15 59	2 26	24 2	0 19	20 56	0 47	18 33	16 33	5 0	5 40	1 11		n.a.
S 18	15 26	10 8	3 49	6 37	2 39	3 31	0 15	24 31	4 30	19 1	0 36	16 1	2 26	24 2	0 19	20 55	0 47	18 32	16 33	4 56	5 38	1 9		n.a.
S 19	15 7	6 39	3 1	6 12	2 50	3 0	0 12	24 34	4 29	19 2	0 36	16 2	2 26	24 2	0 19	20 55	0 47	18 32	16 33	4 53	5 37	1 7		n.a.
M20	14 48	2 56	2 6	5 51	3 0	2 28	0 9	24 37	4 27	19 4	0 36	16 4	2 26	24 2	0 19	20 54	0 47	18 31	16 32	4 51	5 36	1 5		n.a.
T 21	14 29	0n52	1 6	5 34	3 9	1 56	0 6	24 40	4 26	19 5	0 36	16 5	2 26	24 2	0 19	20 54	0 47	18 30	16 32	4 49	5 35	1 3		n.a.
W22	14 10	4 38	0 3	5 20	3 17	1 24	0 3	24 42	4 24	19 6	0 36	16 7	2 26	24 2	0 19	20 53	0 47	18 30	16 32	4 49	5 33	1 1		n.a.
T 23	13 50	8 14	1s 1	5 11	3 23	0 52	0n 0	24 44	4 22	19 8	0 36	16 9	2 26	24 2	0 19	20 53	0 47	18 29	16 32	4 49	5 32	0 59		n.a.
F 24	13 30	11 32	2 2	5 5	3 29	0 20	0 4	24 46	4 20	19 9	0 36	16 10	2 26	24 2	0 19	20 52	0 47	18 28	16 32	4 50	5 31	0 57		n.a.
S 25	13 10	14 24	2 59	5 3	3 33	0n12	0 7	24 48	4 18	19 10	0 36	16 12	2 26	24 3	0 19	20 52	0 47	18 28	16 32	4 50	5 29	0 55		n.a.
S 26	12 50	16 40	3 50	5 5	3 36	0 44	0 10	24 50	4 16	19 12	0 36	16 14	2 26	24 3	0 19	20 51	0 47	18 27	16 31	4 50	5 28	0 53		n.a.
M27	12 29	18 12	4 30	5 11	3 37	1 16	0 13	24 51	4 14	19 13	0 36	16 15	2 26	24 3	0 19	20 51	0 47	18 26	16 31	4 50	5 27	0 51		n.a.
T 28	12 8	18 48	4 58	5 20	3 36	1 47	0 17	24 52	4 12	19 14	0 36	16 17	2 26	24 3	0 19	20 50	0 47	18 26	16 31	4 49	5 26	0 50		n.a.
W29	11s48	18n20	5s10	5s33	3n34	2n19	0n20	24n53	4n 9	19s15	0n36	16n18	2n26	24s 3	0s19	20s50	0s47	18s25	16s31	4s47	5s24	0s48		n.a.

Julian Day Number = 1314930.5, Delta T = 07h38m10s
Ecliptic obliquity = 23°49'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'17, Lahiri = -19°19'17 Julian Calendar 1 Feb. 1113 BCE == Greg. Calendar 21 Jan. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

MARCH 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 16	0♓35'12	23♋29	7°R 1	6♈11	28°R10	27♏12	23°R 6	25♐12	1♒53	21♓43	11°R49	13♎26	24♓16	n.a.	T 1
F 2	9 58 12	1°33'56	8♌ 4	6♓23	7°22	27♋57	27°16	23♌ 2	25°13	1°55	21°45	11♎42	13°23	24°23	n.a.	F 2
S 3	10 2 9	2°32'38	22°59	5°42	8°33	27°45	27°21	22°57	25°15	1°57	21°46	11°37	13°20	24°29	n.a.	S 3
S 4	10 6 5	3°31'17	8♍ 7	4°59	9°44	27°34	27°25	22°53	25°17	1°59	21°47	11°32	13°17	24°36	n.a.	S 4
M 5	10 10 2	4°29'55	23°16	4°14	10°55	27°23	27°29	22°48	25°19	2° 1	21°49	11°29	13°14	24°43	n.a.	M 5
T 6	10 13 58	5°28'30	8♎19	3°28	12° 5	27°14	27°32	22°44	25°21	2° 3	21°50	11°D28	13°10	24°49	n.a.	T 6
W 7	10 17 55	6°27'04	23° 6	2°43	13°16	27° 5	27°36	22°39	25°22	2° 5	21°51	11°28	13° 7	24°56	n.a.	W 7
T 8	10 21 51	7°25'36	7♏33	1°59	14°26	26°57	27°39	22°35	25°24	2° 7	21°53	11°29	13° 4	25° 3	n.a.	T 8
F 9	10 25 48	8°24'06	21°36	1°17	15°37	26°49	27°43	22°31	25°25	2° 9	21°54	11°31	13° 1	25° 9	n.a.	F 9
S 10	10 29 45	9°22'35	5♐17	0°37	16°47	26°43	27°46	22°26	25°27	2°11	21°55	11°R32	12°58	25°16	n.a.	S 10
S 11	10 33 41	10°21'01	18°34	0° 1	17°58	26°37	27°49	22°22	25°28	2°13	21°57	11°32	12°55	25°23	n.a.	S 11
M12	10 37 38	11°19'26	1♑32	29♒28	19° 8	26°32	27°51	22°18	25°30	2°15	21°58	11°30	12°51	25°29	n.a.	M12
T 13	10 41 34	12°17'50	14°13	28°59	20°18	26°28	27°54	22°14	25°31	2°16	21°59	11°27	12°48	25°36	n.a.	T 13
W14	10 45 31	13°16'11	26°39	28°35	21°28	26°25	27°56	22° 9	25°33	2°18	22° 1	11°23	12°45	25°43	n.a.	W14
T 15	10 49 27	14°14'31	8♒53	28°15	22°37	26°22	27°58	22° 5	25°34	2°20	22° 2	11°19	12°42	25°49	n.a.	T 15
F 16	10 53 24	15°12'49	20°57	28° 1	23°47	26°21	28° 0	22° 1	25°35	2°22	22° 4	11°14	12°39	25°56	n.a.	F 16
S 17	10 57 20	16°11'05	2♓55	27°51	24°57	26°20	28° 2	21°57	25°36	2°24	22° 5	11°10	12°36	26° 2	n.a.	S 17
S 18	11 1 17	17° 9'19	14°46	27°D46	26° 6	26°D19	28° 4	21°53	25°38	2°25	22° 6	11° 7	12°32	26° 9	n.a.	S 18
M19	11 5 13	18° 7'31	26°35	27°46	27°16	26°20	28° 5	21°49	25°39	2°27	22° 8	11° 5	12°29	26°16	n.a.	M19
T 20	11 9 10	19° 5'41	8♈22	27°52	28°25	26°21	28° 7	21°45	25°40	2°29	22° 9	11°D 4	12°26	26°22	n.a.	T 20
W21	11 13 7	20° 3'50	20°10	28° 2	29°34	26°23	28° 8	21°42	25°41	2°30	22°10	11° 4	12°23	26°29	n.a.	W21
T 22	11 17 3	21° 1'56	2♉ 2	28°16	0♉43	26°26	28° 8	21°38	25°42	2°32	22°12	11° 5	12°20	26°36	n.a.	T 22
F 23	11 21 0	22° 0'01	14° 1	28°36	1°52	26°30	28° 9	21°34	25°43	2°34	22°13	11° 7	12°16	26°42	n.a.	F 23
S 24	11 24 56	22°58'03	26°11	29° 0	3° 1	26°34	28°10	21°31	25°44	2°35	22°15	11° 8	12°13	26°49	n.a.	S 24
S 25	11 28 53	23°56'04	8♊37	29°28	4° 9	26°39	28°10	21°27	25°44	2°37	22°16	11° 9	12°10	26°56	n.a.	S 25
M26	11 32 49	24°54'02	21°21	0♓ 0	5°18	26°44	28°R10	21°24	25°45	2°39	22°17	11°R10	12° 7	27° 2	n.a.	M26
T 27	11 36 46	25°51'59	4♋28	0°36	6°26	26°51	28°10	21°20	25°46	2°40	22°19	11°10	12° 4	27° 9	n.a.	T 27
W28	11 40 42	26°49'53	18° 1	1°16	7°34	26°58	28°10	21°17	25°47	2°42	22°20	11° 9	12° 1	27°16	n.a.	W28
T 29	11 44 39	27°47'46	2♌ 0	2° 0	8°42	27° 5	28° 9	21°14	25°47	2°43	22°21	11° 8	11°57	27°22	n.a.	T 29
F 30	11 48 35	28°45'36	16°26	2°48	9°50	27°14	28° 9	21°10	25°48	2°45	22°23	11° 6	11°54	27°29	n.a.	F 30
S 31	11 52 32	29♓43'25	1♍15	3♓38	10♉58	27♋22	28♏ 8	21♌ 7	25♐48	2♒46	22♓24	11♎ 5	11♎51	27♓36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s27	16n45	5s 4	5s49	3n30	2n51	0n24	24n53	4n 7	19s16	0n36	16n20	2n26	24s 3	0s19	20s49	0s47	18s24	16s31	4s45	5s23	0s46			n.a.
F 2	11 5	14 4	4 38	6 9	3 25	3 23	0 27	24 54	4 5	19 17	0 36	16 21	2 26	24 3	0 19	20 49	0 47	18 24	16 31	4 42	5 22	0 44			n.a.
S 3	10 44	10 24	3 53	6 30	3 18	3 54	0 30	24 54	4 2	19 18	0 36	16 23	2 26	24 3	0 19	20 49	0 47	18 23	16 31	4 40	5 21	0 42			n.a.
S 4	10 23	6 1	2 52	6 54	3 9	4 26	0 34	24 54	4 0	19 19	0 36	16 24	2 26	24 3	0 19	20 48	0 47	18 22	16 30	4 38	5 19	0 40			n.a.
M 5	10 1	1 13	1 38	7 20	2 59	4 57	0 37	24 54	3 57	19 20	0 36	16 26	2 26	24 3	0 19	20 48	0 47	18 22	16 30	4 37	5 18	0 38			n.a.
T 6	9 39	3s37	0 17	7 48	2 48	5 28	0 41	24 53	3 55	19 21	0 36	16 27	2 26	24 4	0 19	20 47	0 47	18 21	16 30	4 36	5 17	0 36			n.a.
W 7	9 17	8 8	1n 3	8 16	2 35	6 0	0 44	24 53	3 52	19 22	0 36	16 29	2 26	24 4	0 19	20 47	0 47	18 21	16 30	4 36	5 16	0 34			n.a.
T 8	8 55	12 5	2 18	8 44	2 22	6 31	0 48	24 52	3 50	19 23	0 35	16 30	2 26	24 4	0 19	20 46	0 47	18 20	16 30	4 37	5 14	0 32			n.a.
F 9	8 33	15 12	3 22	9 13	2 7	7 1	0 51	24 51	3 47	19 24	0 35	16 32	2 26	24 4	0 19	20 46	0 47	18 19	16 30	4 38	5 13	0 30			n.a.
S 10	8 11	17 23	4 13	9 41	1 52	7 32	0 54	24 49	3 45	19 24	0 35	16 33	2 26	24 4	0 19	20 46	0 47	18 19	16 30	4 38	5 12	0 29			n.a.
S 11	7 48	18 32	4 49	10 9	1 36	8 3	0 58	24 48	3 42	19 25	0 35	16 35	2 26	24 4	0 19	20 45	0 47	18 18	16 30	4 38	5 11	0 27			n.a.
M12	7 26	18 40	5 9	10 35	1 21	8 33	1 1	24 47	3 40	19 26	0 35	16 36	2 26	24 4	0 19	20 45	0 47	18 17	16 30	4 37	5 9	0 25			n.a.
T 13	7 3	17 52	5 13	11 0	1 4	9 3	1 5	24 45	3 37	19 26	0 35	16 37	2 26	24 4	0 19	20 44	0 47	18 17	16 30	4 36	5 8	0 23			n.a.
W14	6 41	16 13	5 2	11 24	0 48	9 33	1 8	24 43	3 34	19 27	0 35	16 39	2 26	24 4	0 19	20 44	0 47	18 16	16 29	4 34	5 7	0 21			n.a.
T 15	6 18	13 51	4 38	11 46	0 32	10 3	1 12	24 41	3 32	19 27	0 35	16 40	2 26	24 4	0 19	20 44	0 48	18 16	16 29	4 33	5 6	0 19			n.a.
F 16	5 55	10 56	4 2	12 6	0 17	10 32	1 15	24 39	3 29	19 28	0 35	16 41	2 26	24 4	0 19	20 43	0 48	18 15	16 29	4 31	5 4	0 17			n.a.
S 17	5 32	7 35	3 15	12 24	0 1	11 1	1 18	24 36	3 27	19 28	0 35	16 43	2 26	24 4	0 19	20 43	0 48	18 14	16 29	4 29	5 3	0 15			n.a.
S 18	5 9	3 57	2 20	12 39	0s14	11 30	1 22	24 34	3 24	19 28	0 35	16 44	2 26	24 4	0 19	20 42	0 48	18 14	16 29	4 28	5 2	0 13			n.a.
M19	4 46	0 11	1 19	12 53	0 28	11 59	1 25	24 31	3 21	19 29	0 35	16 45	2 26	24 4	0 19	20 42	0 48	18 13	16 29	4 27	5 1	0 11			n.a.
T 20	4 23	3n36	0 15	13 4	0 42	12 27	1 28	24 28	3 19	19 29	0 35	16 46	2 26	24 5	0 19	20 42	0 48	18 13	16 29	4 27	4 59	0 9			n.a.
W21	4 0	7 14	0s50	13 13	0 55	12 55	1 32	24 25	3 16	19 29	0 35	16 48	2 26	24 5	0 19	20 41	0 48	18 12	16 29	4 27	4 58	0 8			n.a.
T 22	3 37	10 36	1 53	13 19	1 8	13 23	1 35	24 22	3 14	19 30	0 35	16 49	2 26	24 5	0 19	20 41	0 48	18 11	16 29	4 27	4 57	0 6			n.a.
F 23	3 13	13 34	2 52	13 23	1 20	13 51	1 38	24 19	3 11	19 30	0 35	16 50	2 26	24 5	0 19	20 41	0 48	18 11	16 29	4 28	4 56	0 4			n.a.
S 24	2 50	15 58	3 45	13 25	1 31	14 18	1 41	24 16	3 8	19 30	0 35	16 51	2 25	24 5	0 19	20 40	0 48	18 10	16 29	4 28	4 54	0 2			n.a.
S 25	2 27	17 42	4 27	13 25	1 41	14 45	1 45	24 12	3 6	19 30	0 35	16 52	2 25	24 5	0 20	20 40	0 48	18 10	16 29	4 29	4 53	0n 0			n.a.
M26	2 3	18 35	4 58	13 23	1 51	15 11	1 48	24 8	3 3	19 30	0 35	16 53	2 25	24 5	0 20	20 40	0 48	18 9	16 29	4 29	4 52	0 2			n.a.
T 27	1 40	18 30	5 15	13 18	2 0	15 37	1 51	24 5	3 1	19 30	0 35	16 54	2 25	24 5	0 20	20 39	0 48	18 9	16 29	4 29	4 51	0 4			n.a.
W28	1 17	17 24	5 15	13 11	2 8	16 3	1 54	24 1	2 58	19 30	0 35	16 55	2 25	24 5	0 20	20 39	0 48	18 8	16 29	4 29	4 49	0 6			n.a.
T 29	0 53	15 13	4 56	13 2	2 16	16 28	1 57	23 57	2 56	19 30	0 35	16 56	2 25	24 5	0 20	20 39	0 48	18 7	16 29	4 28	4 48	0 8			n.a.
F 30	0 30	12 3	4 19	12 51	2 22	16 53	2 0	23 53	2 53	19 30	0 35	16 57	2 25	24 5	0 20	20 38	0 48	18 7	16 29	4 28	4 47	0 10			n.a.
S 31	0s 7	8n 2	3s24	12s38	2s28	17n18	2n 3	23n48	2n51	19s30	0n35	16n58	2n25	24s 5	0s20	20s38	0s48	18s 6	16s29	4s27	4s46	0n11			n.a.

Julian Day Number = 1314959.5, Delta T = 07h38m09s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'13, Lahiri = -19°19'13 Julian Calendar 1 March 1113 BCE == Greg. Calendar 19 Feb. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

APRIL 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 56 29	0♈41'12	16♍19	4♓33	12♉ 6	27♋32	28°R 7	21°R 4	25♐49	2♒47	22♓26	11°R 4	11♎48	27♓42	n.a.	S 1
M 2	12 0 25	1°38'57	1♎32	5°30	13°13	27°42	28♏ 5	21♌ 1	25°49	2°49	22°27	11♎ 3	11°45	27°49	n.a.	M 2
T 3	12 4 22	2°36'40	16°43	6°30	14°20	27°53	28° 4	20°58	25°50	2°50	22°28	11°D 3	11°41	27°56	n.a.	T 3
W 4	12 8 18	3°34'22	1♏42	7°34	15°27	28° 4	28° 3	20°56	25°50	2°52	22°30	11° 3	11°38	28° 2	n.a.	W 4
T 5	12 12 15	4°32'03	16°23	8°40	16°34	28°16	28° 1	20°53	25°50	2°53	22°31	11° 4	11°35	28° 9	n.a.	T 5
F 6	12 16 11	5°29'43	0♐40	9°49	17°41	28°29	27°59	20°50	25°50	2°54	22°32	11° 5	11°32	28°15	n.a.	F 6
S 7	12 20 8	6°27'21	14°31	11° 0	18°48	28°42	27°57	20°48	25°51	2°55	22°34	11° 5	11°29	28°22	n.a.	S 7
S 8	12 24 4	7°24'58	27°56	12°15	19°54	28°55	27°54	20°45	25°51	2°57	22°35	11° 5	11°26	28°29	n.a.	S 8
M 9	12 28 1	8°22'35	10♑56	13°32	21° 0	29° 9	27°52	20°43	25°51	2°58	22°36	11°R 5	11°22	28°35	n.a.	M 9
T 10	12 31 58	9°20'10	23°34	14°51	22° 6	29°24	27°49	20°41	25°R51	2°59	22°38	11° 5	11°19	28°42	n.a.	T 10
W11	12 35 54	10°17'43	5♒55	16°13	23°12	29°39	27°46	20°38	25°51	3° 0	22°39	11° 5	11°16	28°49	n.a.	W11
T 12	12 39 51	11°15'16	18° 2	17°37	24°18	29°55	27°43	20°36	25°51	3° 1	22°40	11°D 5	11°13	28°55	n.a.	T 12
F 13	12 43 47	12°12'48	29°59	19° 4	25°23	0♌11	27°40	20°34	25°51	3° 2	22°42	11° 5	11°10	29° 2	n.a.	F 13
S 14	12 47 44	13°10'18	11♓50	20°33	26°29	0°27	27°37	20°32	25°51	3° 3	22°43	11° 5	11° 7	29° 9	n.a.	S 14
S 15	12 51 40	14° 7'47	23°37	22° 4	27°34	0°45	27°33	20°30	25°50	3° 4	22°44	11° 6	11° 3	29°15	n.a.	S 15
M16	12 55 37	15° 5'16	5♈24	23°38	28°38	1° 2	27°29	20°29	25°50	3° 5	22°46	11°R 6	11° 0	29°22	n.a.	M16
T 17	12 59 33	16° 2'43	17°13	25°14	29°43	1°20	27°26	20°27	25°50	3° 6	22°47	11° 6	10°57	29°29	n.a.	T 17
W18	13 3 30	17° 0'09	29° 7	26°53	0♊47	1°39	27°22	20°25	25°49	3° 7	22°48	11° 5	10°54	29°35	n.a.	W18
T 19	13 7 27	17°57'33	11♉ 7	28°33	1°52	1°58	27°17	20°24	25°49	3° 8	22°49	11° 5	10°51	29°42	n.a.	T 19
F 20	13 11 23	18°54'57	23°15	0♈16	2°56	2°17	27°13	20°23	25°49	3° 9	22°51	11° 4	10°47	29°49	n.a.	F 20
S 21	13 15 20	19°52'19	5♊35	2° 2	3°59	2°37	27° 8	20°21	25°48	3°10	22°52	11° 3	10°44	29°55	n.a.	S 21
S 22	13 19 16	20°49'40	18° 8	3°49	5° 3	2°57	27° 4	20°20	25°48	3°11	22°53	11° 2	10°41	0♈ 2	n.a.	S 22
M23	13 23 13	21°47'00	0♋57	5°39	6° 6	3°18	26°59	20°19	25°47	3°12	22°54	11° 1	10°38	0° 8	n.a.	M23
T 24	13 27 9	22°44'19	14° 4	7°31	7° 9	3°39	26°54	20°18	25°46	3°12	22°56	11° 0	10°35	0°15	n.a.	T 24
W25	13 31 6	23°41'37	27°32	9°26	8°11	4° 0	26°49	20°17	25°46	3°13	22°57	11°D 0	10°32	0°22	n.a.	W25
T 26	13 35 2	24°38'53	11♌22	11°22	9°14	4°22	26°43	20°16	25°45	3°14	22°58	11° 0	10°28	0°28	n.a.	T 26
F 27	13 38 59	25°36'08	25°34	13°21	10°16	4°45	26°38	20°16	25°44	3°14	22°59	11° 1	10°25	0°35	n.a.	F 27
S 28	13 42 56	26°33'21	10♍ 7	15°21	11°18	5° 7	26°32	20°15	25°43	3°15	23° 0	11° 2	10°22	0°42	n.a.	S 28
S 29	13 46 52	27°30'34	24°56	17°24	12°19	5°30	26°27	20°15	25°42	3°16	23° 2	11° 3	10°19	0°48	n.a.	S 29
M30	13 50 49	28♈27'46	9♎56	19♈28	13♊20	5♌53	26♏21	20♌14	25♐42	3♒16	23♓ 3	11°R 4	10♎16	0♈55	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n17	3n26	2s13	12s23	2s34	17n42	2n 6	23n44	2n48	19s29	0n35	16n59	2n25	24s 5	0s20	20s38	0s48	18s 6	16s29	4s27	4s44	0n13		n.a.
M 2	0 40	1s25	0 53	12 6	2 38	18 6	2 9	23 40	2 46	19 29	0 35	17 0	2 24	24 5	0 20	20 38	0 48	18 5	16 29	4 27	4 43	0 15		n.a.
T 3	1 3	6 11	0n31	11 46	2 42	18 29	2 11	23 35	2 43	19 29	0 35	17 1	2 24	24 5	0 20	20 37	0 48	18 5	16 29	4 26	4 42	0 17		n.a.
W 4	1 27	10 30	1 52	11 25	2 46	18 52	2 14	23 30	2 41	19 29	0 35	17 1	2 24	24 5	0 20	20 37	0 48	18 4	16 29	4 27	4 40	0 19		n.a.
T 5	1 50	14 4	3 4	11 2	2 48	19 14	2 17	23 26	2 39	19 28	0 35	17 2	2 24	24 5	0 20	20 37	0 48	18 4	16 29	4 27	4 39	0 21		n.a.
F 6	2 13	16 40	4 2	10 38	2 50	19 36	2 19	23 21	2 36	19 28	0 35	17 3	2 24	24 5	0 20	20 36	0 48	18 3	16 29	4 27	4 38	0 23		n.a.
S 7	2 36	18 12	4 45	10 11	2 51	19 58	2 22	23 16	2 34	19 27	0 35	17 4	2 24	24 5	0 20	20 36	0 48	18 3	16 29	4 27	4 37	0 25		n.a.
S 8	2 59	18 39	5 10	9 43	2 52	20 19	2 24	23 10	2 32	19 27	0 35	17 4	2 24	24 5	0 20	20 36	0 48	18 2	16 29	4 27	4 35	0 27		n.a.
M 9	3 22	18 5	5 18	9 12	2 51	20 39	2 27	23 5	2 29	19 26	0 35	17 5	2 24	24 5	0 20	20 36	0 48	18 2	16 30	4 27	4 34	0 28		n.a.
T 10	3 45	16 38	5 11	8 40	2 51	20 59	2 29	23 0	2 27	19 26	0 35	17 6	2 23	24 5	0 20	20 35	0 48	18 1	16 30	4 27	4 33	0 30		n.a.
W11	4 8	14 26	4 49	8 7	2 49	21 18	2 31	22 54	2 25	19 25	0 35	17 6	2 23	24 5	0 20	20 35	0 48	18 1	16 30	4 27	4 32	0 32		n.a.
T 12	4 31	11 38	4 14	7 32	2 47	21 37	2 33	22 49	2 22	19 25	0 34	17 7	2 23	24 5	0 20	20 35	0 48	18 0	16 30	4 27	4 30	0 34		n.a.
F 13	4 54	8 24	3 29	6 55	2 44	21 56	2 35	22 43	2 20	19 24	0 34	17 7	2 23	24 5	0 20	20 35	0 48	18 0	16 30	4 27	4 29	0 36		n.a.
S 14	5 17	4 51	2 36	6 16	2 41	22 13	2 37	22 37	2 18	19 23	0 34	17 8	2 23	24 6	0 20	20 35	0 49	18 0	16 30	4 27	4 28	0 38		n.a.
S 15	5 40	1 7	1 36	5 36	2 37	22 31	2 39	22 31	2 16	19 22	0 34	17 8	2 23	24 6	0 20	20 34	0 49	17 59	16 30	4 27	4 27	0 40		n.a.
M16	6 2	2n40	0 32	4 54	2 33	22 47	2 41	22 25	2 14	19 22	0 34	17 9	2 22	24 6	0 20	20 34	0 49	17 59	16 30	4 28	4 25	0 42		n.a.
T 17	6 25	6 21	0s34	4 11	2 28	23 3	2 43	22 19	2 11	19 21	0 34	17 9	2 22	24 6	0 20	20 34	0 49	17 58	16 30	4 28	4 24	0 44		n.a.
W18	6 47	9 48	1 39	3 26	2 22	23 19	2 44	22 13	2 9	19 20	0 34	17 9	2 22	24 6	0 20	20 34	0 49	17 58	16 30	4 27	4 23	0 46		n.a.
T 19	7 9	12 53	2 39	2 40	2 16	23 34	2 46	22 6	2 7	19 19	0 34	17 10	2 22	24 6	0 20	20 34	0 49	17 58	16 31	4 27	4 22	0 47		n.a.
F 20	7 31	15 27	3 33	1 52	2 9	23 48	2 47	22 0	2 5	19 18	0 34	17 10	2 22	24 6	0 20	20 33	0 49	17 57	16 31	4 27	4 20	0 49		n.a.
S 21	7 54	17 20	4 19	1 3	2 2	24 2	2 48	21 53	2 3	19 17	0 34	17 10	2 22	24 6	0 20	20 33	0 49	17 57	16 31	4 26	4 19	0 51		n.a.
S 22	8 15	18 26	4 52	0 12	1 55	24 16	2 49	21 46	2 1	19 16	0 34	17 10	2 21	24 6	0 20	20 33	0 49	17 56	16 31	4 26	4 18	0 53		n.a.
M23	8 37	18 37	5 12	0n39	1 46	24 28	2 51	21 40	1 59	19 15	0 34	17 11	2 21	24 6	0 20	20 33	0 49	17 56	16 31	4 25	4 16	0 55		n.a.
T 24	8 59	17 49	5 17	1 32	1 38	24 40	2 51	21 33	1 57	19 14	0 34	17 11	2 21	24 6	0 20	20 33	0 49	17 56	16 31	4 25	4 15	0 57		n.a.
W25	9 20	16 1	5 4	2 26	1 29	24 52	2 52	21 25	1 55	19 13	0 34	17 11	2 21	24 6	0 20	20 33	0 49	17 55	16 31	4 25	4 14	0 59		n.a.
T 26	9 42	13 16	4 34	3 21	1 19	25 2	2 53	21 18	1 53	19 12	0 34	17 11	2 21	24 6	0 20	20 33	0 49	17 55	16 32	4 25	4 13	1 1		n.a.
F 27	10 3	9 39	3 46	4 17	1 10	25 13	2 54	21 11	1 51	19 10	0 33	17 11	2 21	24 6	0 20	20 32	0 49	17 55	16 32	4 26	4 11	1 3		n.a.
S 28	10 24	5 23	2 43	5 13	1 0	25 22	2 54	21 3	1 49	19 9	0 33	17 11	2 20	24 6	0 20	20 32	0 49	17 54	16 32	4 26	4 10	1 4		n.a.
S 29	10 45	0 42	1 28	6 11	0 49	25 31	2 55	20 56	1 47	19 8	0 33	17 11	2 20	24 6	0 20	20 32	0 49	17 54	16 32	4 27	4 9	1 6		n.a.
M30	11n 6	4s 6	0s 6	7n 8	0s39	25n39	2n55	20n48	1n45	19s 7	0n33	17n11	2n20	24s 6	0s20	20s32	0s49	17s54	16s32	4s27	4s 8	1n 8		n.a.

Julian Day Number = 1314990.5, Delta T = 07h38m07s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'09, Lahiri = -19°19'09 Julian Calendar 1 Apr. 1113 BCE == Greg. Calendar 21 March 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

MAY 1113 BCE (-1112) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 54 45	29♈24'57	24♎59	21♈34	14♊21	6♌17	26°R15	20°R14	25°R41	3♒17	23♓ 4	11°R 3	10♎13	1♈ 2	n.a.	T 1
W 2	13 58 42	0♉22'07	9♏57	23°42	15°21	6°41	26♏ 9	20♌14	25♐40	3°17	23° 5	11♎ 2	10° 9	1° 8	n.a.	W 2
T 3	14 2 38	1°19'17	24°41	25°50	16°21	7° 5	26° 2	20°D14	25°39	3°18	23° 6	11° 0	10° 6	1°15	n.a.	T 3
F 4	14 6 35	2°16'26	9♐ 4	28° 0	17°21	7°30	25°56	20°14	25°37	3°18	23° 7	10°57	10° 3	1°22	n.a.	F 4
S 5	14 10 31	3°13'34	23° 2	0♉11	18°21	7°55	25°50	20°14	25°36	3°18	23° 8	10°54	10° 0	1°28	n.a.	S 5
S 6	14 14 28	4°10'43	6♑34	2°22	19°20	8°20	25°43	20°14	25°35	3°19	23°10	10°52	9°57	1°35	n.a.	S 6
M 7	14 18 25	5° 7'51	19°39	4°33	20°18	8°46	25°36	20°14	25°34	3°19	23°11	10°50	9°53	1°42	n.a.	M 7
T 8	14 22 21	6° 4'58	2♒20	6°45	21°16	9°12	25°30	20°15	25°33	3°19	23°12	10°D49	9°50	1°48	n.a.	T 8
W 9	14 26 18	7° 2'06	14°41	8°56	22°14	9°38	25°23	20°15	25°31	3°20	23°13	10°49	9°47	1°55	n.a.	W 9
T 10	14 30 14	7°59'13	26°46	11° 7	23°12	10° 4	25°16	20°16	25°30	3°20	23°14	10°50	9°44	2° 1	n.a.	T 10
F 11	14 34 11	8°56'20	8♓41	13°17	24° 9	10°31	25° 9	20°16	25°29	3°20	23°15	10°52	9°41	2° 8	n.a.	F 11
S 12	14 38 7	9°53'27	20°29	15°26	25° 5	10°58	25° 2	20°17	25°27	3°20	23°16	10°54	9°38	2°15	n.a.	S 12
S 13	14 42 4	10°50'34	2♈16	17°34	26° 1	11°25	24°55	20°18	25°26	3°20	23°17	10°55	9°34	2°21	n.a.	S 13
M14	14 46 0	11°47'40	14° 4	19°40	26°57	11°53	24°47	20°19	25°24	3°21	23°18	10°R55	9°31	2°28	n.a.	M14
T 15	14 49 57	12°44'47	25°59	21°45	27°52	12°21	24°40	20°20	25°23	3°21	23°19	10°54	9°28	2°35	n.a.	T 15
W16	14 53 54	13°41'53	8♉ 1	23°49	28°46	12°49	24°33	20°21	25°21	3°21	23°20	10°51	9°25	2°41	n.a.	W16
T 17	14 57 50	14°38'59	20°12	25°50	29°40	13°17	24°25	20°23	25°20	3°R21	23°21	10°47	9°22	2°48	n.a.	T 17
F 18	15 1 47	15°36'05	2♊36	27°50	0♋34	13°46	24°18	20°24	25°18	3°21	23°22	10°42	9°18	2°55	n.a.	F 18
S 19	15 5 43	16°33'10	15°11	29°47	1°27	14°15	24°10	20°26	25°16	3°21	23°23	10°36	9°15	3° 1	n.a.	S 19
S 20	15 9 40	17°30'16	28° 0	1♊43	2°19	14°44	24° 3	20°27	25°15	3°20	23°23	10°30	9°12	3° 8	n.a.	S 20
M21	15 13 36	18°27'21	11♋ 2	3°37	3°11	15°14	23°55	20°29	25°13	3°20	23°24	10°25	9° 9	3°15	n.a.	M21
T 22	15 17 33	19°24'26	24°18	5°28	4° 2	15°43	23°47	20°31	25°11	3°20	23°25	10°21	9° 6	3°21	n.a.	T 22
W23	15 21 30	20°21'30	7♌49	7°18	4°52	16°13	23°40	20°32	25° 9	3°20	23°26	10°18	9° 3	3°28	n.a.	W23
T 24	15 25 26	21°18'35	21°35	9° 5	5°42	16°43	23°32	20°34	25° 7	3°20	23°27	10°D18	8°59	3°35	n.a.	T 24
F 25	15 29 23	22°15'39	5♍37	10°50	6°31	17°14	23°24	20°37	25° 6	3°20	23°28	10°18	8°56	3°41	n.a.	F 25
S 26	15 33 19	23°12'42	19°53	12°33	7°19	17°44	23°17	20°39	25° 4	3°19	23°28	10°19	8°53	3°48	n.a.	S 26
S 27	15 37 16	24° 9'46	4♎23	14°14	8° 6	18°15	23° 9	20°41	25° 2	3°19	23°29	10°R20	8°50	3°54	n.a.	S 27
M28	15 41 12	25° 6'49	19° 1	15°53	8°53	18°46	23° 1	20°43	25° 0	3°19	23°30	10°20	8°47	4° 1	n.a.	M28
T 29	15 45 9	26° 3'53	3♏45	17°30	9°39	19°17	22°54	20°46	24°58	3°18	23°31	10°18	8°44	4° 8	n.a.	T 29
W30	15 49 5	27° 0'56	18°27	19° 5	10°24	19°49	22°46	20°48	24°56	3°18	23°31	10°14	8°40	4°14	n.a.	W30
T 31	15 53 2	27♉58'00	2♐59	20♊37	11♋ 8	20♌20	22♏38	20♌51	24♐54	3♒17	23♓32	10♎ 8	8♎37	4♈21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n27	8s39	1n16	8n 6	0s28	25n47	2n55	20n40	1n43	19s 5	0n33	17n11	2n20	24s 6	0s20	20s32	0s49	17s53	16s32	4s27	4s 6	1n10		n.a.	T 1
W 2	11 47	12 37	2 33	9 4	0 18	25 54	2 55	20 32	1 42	19 4	0 33	17 11	2 20	24 6	0 20	20 32	0 49	17 53	16 33	4 26	4 5	1 12		n.a.	W 2
T 3	12 7	15 43	3 38	10 2	0 7	26 0	2 55	20 24	1 40	19 3	0 33	17 11	2 20	24 6	0 20	20 32	0 49	17 53	16 33	4 25	4 4	1 14		n.a.	T 3
F 4	12 27	17 45	4 28	11 0	0n 4	26 6	2 54	20 16	1 38	19 1	0 33	17 10	2 19	24 6	0 20	20 32	0 49	17 52	16 33	4 24	4 3	1 16		n.a.	F 4
S 5	12 47	18 39	5 0	11 56	0 14	26 11	2 54	20 8	1 36	19 0	0 33	17 10	2 19	24 6	0 21	20 32	0 49	17 52	16 33	4 23	4 1	1 18		n.a.	S 5
S 6	13 7	18 26	5 14	12 53	0 25	26 16	2 53	19 59	1 34	18 58	0 33	17 10	2 19	24 6	0 21	20 32	0 49	17 52	16 33	4 22	4 0	1 20		n.a.	S 6
M 7	13 26	17 13	5 12	13 48	0 35	26 20	2 52	19 51	1 33	18 57	0 33	17 10	2 19	24 6	0 21	20 32	0 49	17 52	16 34	4 21	3 59	1 21		n.a.	M 7
T 8	13 46	15 12	4 53	14 41	0 45	26 23	2 52	19 42	1 31	18 55	0 32	17 9	2 19	24 5	0 21	20 32	0 49	17 51	16 34	4 21	3 57	1 23		n.a.	T 8
W 9	14 5	12 31	4 22	15 33	0 54	26 26	2 50	19 33	1 29	18 54	0 32	17 9	2 18	24 5	0 21	20 32	0 49	17 51	16 34	4 21	3 56	1 25		n.a.	W 9
T 10	14 24	9 21	3 40	16 24	1 3	26 28	2 49	19 24	1 27	18 52	0 32	17 9	2 18	24 5	0 21	20 32	0 50	17 51	16 34	4 21	3 55	1 27		n.a.	T 10
F 11	14 42	5 51	2 48	17 13	1 11	26 29	2 48	19 15	1 26	18 50	0 32	17 8	2 18	24 5	0 21	20 32	0 50	17 51	16 34	4 22	3 54	1 29		n.a.	F 11
S 12	15 1	2 9	1 50	17 59	1 19	26 30	2 46	19 6	1 24	18 49	0 32	17 8	2 18	24 5	0 21	20 32	0 50	17 51	16 35	4 23	3 52	1 31		n.a.	S 12
S 13	15 19	1n38	0 47	18 43	1 26	26 30	2 44	18 57	1 22	18 47	0 32	17 7	2 18	24 5	0 21	20 32	0 50	17 50	16 35	4 23	3 51	1 33		n.a.	S 13
M14	15 37	5 22	0s17	19 26	1 33	26 30	2 43	18 47	1 21	18 46	0 32	17 7	2 17	24 5	0 21	20 32	0 50	17 50	16 35	4 23	3 50	1 35		n.a.	M14
T 15	15 55	8 56	1 22	20 5	1 39	26 29	2 40	18 38	1 19	18 44	0 32	17 6	2 17	24 5	0 21	20 32	0 50	17 50	16 35	4 23	3 49	1 36		n.a.	T 15
W16	16 12	12 9	2 23	20 42	1 44	26 27	2 38	18 28	1 17	18 42	0 31	17 6	2 17	24 5	0 21	20 32	0 50	17 50	16 36	4 22	3 47	1 38		n.a.	W16
T 17	16 29	14 54	3 18	21 17	1 49	26 25	2 36	18 18	1 16	18 40	0 31	17 5	2 17	24 5	0 21	20 32	0 50	17 50	16 36	4 20	3 46	1 40		n.a.	T 17
F 18	16 46	17 0	4 5	21 49	1 53	26 22	2 33	18 8	1 14	18 39	0 31	17 5	2 17	24 5	0 21	20 32	0 50	17 50	16 36	4 18	3 45	1 42		n.a.	F 18
S 19	17 3	18 20	4 41	22 19	1 56	26 19	2 30	17 58	1 12	18 37	0 31	17 4	2 17	24 5	0 21	20 32	0 50	17 49	16 36	4 16	3 43	1 44		n.a.	S 19
S 20	17 20	18 45	5 4	22 46	1 59	26 15	2 27	17 48	1 11	18 35	0 31	17 3	2 16	24 5	0 21	20 32	0 50	17 49	16 37	4 13	3 42	1 46		n.a.	S 20
M21	17 36	18 12	5 11	23 11	2 1	26 11	2 24	17 38	1 9	18 33	0 31	17 2	2 16	24 5	0 21	20 32	0 50	17 49	16 37	4 11	3 41	1 48		n.a.	M21
T 22	17 52	16 39	5 2	23 33	2 2	26 6	2 21	17 27	1 8	18 32	0 31	17 2	2 16	24 5	0 21	20 32	0 50	17 49	16 37	4 10	3 40	1 50		n.a.	T 22
W23	18 7	14 10	4 36	23 53	2 2	26 1	2 17	17 17	1 6	18 30	0 30	17 1	2 16	24 5	0 21	20 32	0 50	17 49	16 37	4 9	3 38	1 51		n.a.	W23
T 24	18 23	10 51	3 54	24 11	2 2	25 55	2 13	17 6	1 5	18 28	0 30	17 0	2 16	24 5	0 21	20 32	0 50	17 49	16 38	4 8	3 37	1 53		n.a.	T 24
F 25	18 38	6 51	2 57	24 26	2 1	25 48	2 9	16 55	1 3	18 26	0 30	16 59	2 15	24 5	0 21	20 32	0 50	17 49	16 38	4 9	3 36	1 55		n.a.	F 25
S 26	18 52	2 24	1 49	24 39	2 0	25 42	2 5	16 44	1 2	18 24	0 30	16 58	2 15	24 5	0 21	20 32	0 50	17 49	16 38	4 9	3 35	1 57		n.a.	S 26
S 27	19 7	2s16	0 32	24 50	1 58	25 34	2 0	16 33	1 0	18 23	0 30	16 58	2 15	24 5	0 21	20 32	0 50	17 49	16 39	4 9	3 33	1 59		n.a.	S 27
M28	19 21	6 51	0n47	24 58	1 55	25 26	1 55	16 22	0 59	18 21	0 30	16 57	2 15	24 5	0 21	20 33	0 50	17 49	16 39	4 9	3 32	2 1		n.a.	M28
T 29	19 35	11 2	2 3	25 5	1 52	25 18	1 50	16 11	0 57	18 19	0 30	16 56	2 15	24 5	0 21	20 33	0 50	17 49	16 39	4 9	3 31	2 3		n.a.	T 29
W30	19 48	14 32	3 11	25 10	1 48	25 9	1 45	15 59	0 56	18 17	0 29	16 55	2 15	24 5	0 21	20 33	0 50	17 49	16 39	4 7	3 30	2 5		n.a.	W30
T 31	20n 2	17s 4	4n 6	25n13	1n44	25n 0	1n40	15n48	0n54	18s15	0n29	16n54	2n14	24s 4	0s21	20s33	0s50	17s49	16s40	4s 5	3s28	2n 6		n.a.	T 31

Julian Day Number = 1315020.5, Delta T = 07h38m06s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'05, Lahiri = -19°19'04 Julian Calendar 1 May 1113 BCE == Greg. Calendar 20 Apr. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

JUNE 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 56 59	28♉55'04	17♐16	22♊ 8	11♋51	20♌52	22°R31	20♌53	24°R52	3°R17	23♓33	10°R 1	8♎34	4♈28	n.a.	F 1
S 2	16 0 55	29°52'09	1♑12	23°36	12°33	21°24	22♏23	20°56	24♐50	3♒16	23°33	9♎53	8°31	4°34	n.a.	S 2
S 3	16 4 52	0♊49'14	14°44	25° 2	13°14	21°56	22°16	20°59	24°48	3°16	23°34	9°46	8°28	4°41	n.a.	S 3
M 4	16 8 48	1°46'20	27°51	26°26	13°54	22°29	22° 8	21° 2	24°45	3°15	23°35	9°40	8°24	4°48	n.a.	M 4
T 5	16 12 45	2°43'26	10♒34	27°48	14°33	23° 1	22° 1	21° 5	24°43	3°15	23°35	9°35	8°21	4°54	n.a.	T 5
W 6	16 16 41	3°40'33	22°56	29° 7	15°11	23°34	21°53	21° 8	24°41	3°14	23°36	9°33	8°18	5° 1	n.a.	W 6
T 7	16 20 38	4°37'41	5♓ 2	0♋24	15°48	24° 7	21°46	21°12	24°39	3°13	23°36	9°D32	8°15	5° 8	n.a.	T 7
F 8	16 24 34	5°34'50	16°57	1°38	16°23	24°40	21°39	21°15	24°37	3°13	23°37	9°33	8°12	5°14	n.a.	F 8
S 9	16 28 31	6°31'59	28°45	2°50	16°57	25°14	21°31	21°18	24°34	3°12	23°38	9°34	8° 9	5°21	n.a.	S 9
S 10	16 32 28	7°29'09	10♈33	4° 0	17°30	25°47	21°24	21°22	24°32	3°11	23°38	9°R34	8° 5	5°28	n.a.	S 10
M11	16 36 24	8°26'20	22°25	5° 7	18° 2	26°21	21°17	21°25	24°30	3°11	23°39	9°33	8° 2	5°34	n.a.	M11
T 12	16 40 21	9°23'32	4♉25	6°11	18°32	26°55	21°10	21°29	24°28	3°10	23°39	9°30	7°59	5°41	n.a.	T 12
W13	16 44 17	10°20'45	16°37	7°13	19° 1	27°29	21° 3	21°33	24°25	3° 9	23°39	9°25	7°56	5°47	n.a.	W13
T 14	16 48 14	11°17'58	29° 2	8°11	19°28	28° 3	20°57	21°36	24°23	3° 8	23°40	9°17	7°53	5°54	n.a.	T 14
F 15	16 52 10	12°15'13	11♊42	9° 7	19°54	28°38	20°50	21°40	24°21	3° 7	23°40	9° 7	7°50	6° 1	n.a.	F 15
S 16	16 56 7	13°12'28	24°38	9°59	20°18	29°12	20°43	21°44	24°18	3° 6	23°41	8°57	7°46	6° 7	n.a.	S 16
S 17	17 0 4	14° 9'44	7♋48	10°49	20°40	29°47	20°37	21°48	24°16	3° 5	23°41	8°46	7°43	6°14	n.a.	S 17
M18	17 4 0	15° 7'01	21°11	11°34	21° 1	0♍22	20°30	21°53	24°14	3° 4	23°41	8°36	7°40	6°21	n.a.	M18
T 19	17 7 57	16° 4'18	4♌45	12°17	21°20	0°57	20°24	21°57	24°11	3° 4	23°42	8°28	7°37	6°27	n.a.	T 19
W20	17 11 53	17° 1'37	18°29	12°55	21°37	1°32	20°18	22° 1	24° 9	3° 3	23°42	8°23	7°34	6°34	n.a.	W20
T 21	17 15 50	17°58'55	2♍21	13°30	21°52	2° 8	20°12	22° 5	24° 7	3° 1	23°42	8°20	7°30	6°41	n.a.	T 21
F 22	17 19 46	18°56'15	16°21	14° 1	22° 5	2°43	20° 6	22°10	24° 4	3° 0	23°43	8°D19	7°27	6°47	n.a.	F 22
S 23	17 23 43	19°53'35	0♎28	14°27	22°16	3°19	20° 0	22°14	24° 2	2°59	23°43	8°R19	7°24	6°54	n.a.	S 23
S 24	17 27 39	20°50'56	14°41	14°49	22°25	3°55	19°55	22°19	23°59	2°58	23°43	8°19	7°21	7° 1	n.a.	S 24
M25	17 31 36	21°48'17	28°59	15° 6	22°32	4°31	19°49	22°24	23°57	2°57	23°43	8°18	7°18	7° 7	n.a.	M25
T 26	17 35 33	22°45'40	13♏18	15°18	22°36	5° 7	19°44	22°28	23°55	2°56	23°43	8°14	7°15	7°14	n.a.	T 26
W27	17 39 29	23°43'03	27°36	15°26	22°R39	5°43	19°38	22°33	23°52	2°55	23°44	8° 8	7°11	7°20	n.a.	W27
T 28	17 43 26	24°40'28	11♐46	15°R28	22°39	6°20	19°33	22°38	23°50	2°54	23°44	7°59	7° 8	7°27	n.a.	T 28
F 29	17 47 22	25°37'54	25°45	15°25	22°36	6°56	19°28	22°43	23°47	2°52	23°44	7°48	7° 5	7°34	n.a.	F 29
S 30	17 51 19	26♊35'21	9♑28	15♋17	22♋32	7♍33	19♏24	22♌48	23♐45	2♒51	23♓44	7♎36	7♎ 2	7♈40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	20n14	18s30	4n44	25n14	1n39	24n51	1n34	15n36	0n53	18s14	0n29	16n53	2n14	24s 4	0s21	20s33	0s50	17s49	16s40	4s 2	3s27	2n 8			n.a.
S 2	20 27	18 45	5 4	25 13	1 33	24 41	1 28	15 24	0 51	18 12	0 29	16 51	2 14	24 4	0 21	20 33	0 50	17 49	16 40	3 59	3 26	2 10			n.a.
S 3	20 39	17 55	5 6	25 11	1 27	24 31	1 22	15 12	0 50	18 10	0 29	16 50	2 14	24 4	0 21	20 33	0 50	17 49	16 41	3 56	3 24	2 12			n.a.
M 4	20 51	16 9	4 52	25 7	1 21	24 20	1 15	15 0	0 49	18 8	0 29	16 49	2 14	24 4	0 21	20 34	0 50	17 49	16 41	3 53	3 23	2 14			n.a.
T 5	21 2	13 38	4 24	25 2	1 14	24 9	1 9	14 48	0 47	18 6	0 28	16 48	2 13	24 4	0 21	20 34	0 51	17 49	16 41	3 51	3 22	2 16			n.a.
W 6	21 14	10 34	3 44	24 55	1 6	23 58	1 2	14 36	0 46	18 5	0 28	16 47	2 13	24 4	0 21	20 34	0 51	17 49	16 42	3 50	3 21	2 18			n.a.
T 7	21 24	7 7	2 55	24 47	0 58	23 46	0 54	14 24	0 45	18 3	0 28	16 46	2 13	24 4	0 21	20 34	0 51	17 49	16 42	3 50	3 19	2 20			n.a.
F 8	21 35	3 25	1 59	24 38	0 50	23 34	0 47	14 11	0 43	18 1	0 28	16 44	2 13	24 4	0 21	20 34	0 51	17 49	16 42	3 50	3 18	2 21			n.a.
S 9	21 45	0n23	0 58	24 28	0 41	23 22	0 39	13 58	0 42	17 59	0 28	16 43	2 13	24 4	0 21	20 35	0 51	17 49	16 42	3 51	3 17	2 23			n.a.
S 10	21 55	4 10	0s 5	24 17	0 31	23 10	0 31	13 46	0 40	17 58	0 28	16 42	2 13	24 4	0 21	20 35	0 51	17 49	16 43	3 51	3 16	2 25			n.a.
M11	22 4	7 48	1 8	24 5	0 21	22 57	0 22	13 33	0 39	17 56	0 27	16 40	2 12	24 4	0 21	20 35	0 51	17 49	16 43	3 51	3 14	2 27			n.a.
T 12	22 13	11 11	2 9	23 52	0 11	22 45	0 14	13 20	0 38	17 54	0 27	16 39	2 12	24 4	0 21	20 35	0 51	17 49	16 43	3 49	3 13	2 29			n.a.
W13	22 22	14 7	3 5	23 38	0 1	22 32	0 5	13 7	0 37	17 53	0 27	16 38	2 12	24 4	0 21	20 35	0 51	17 49	16 44	3 47	3 12	2 31			n.a.
T 14	22 30	16 29	3 53	23 24	0s10	22 18	0s 5	12 53	0 35	17 51	0 27	16 36	2 12	24 3	0 21	20 36	0 51	17 49	16 44	3 44	3 10	2 33			n.a.
F 15	22 38	18 6	4 30	23 9	0 22	22 5	0 14	12 40	0 34	17 49	0 27	16 35	2 12	24 3	0 21	20 36	0 51	17 49	16 44	3 40	3 9	2 34			n.a.
S 16	22 45	18 49	4 54	22 53	0 33	21 52	0 24	12 27	0 33	17 48	0 26	16 33	2 12	24 3	0 21	20 36	0 51	17 50	16 45	3 36	3 8	2 36			n.a.
S 17	22 52	18 33	5 3	22 37	0 45	21 38	0 35	12 13	0 31	17 46	0 26	16 32	2 11	24 3	0 21	20 36	0 51	17 50	16 45	3 32	3 7	2 38			n.a.
M18	22 59	17 15	4 56	22 21	0 58	21 25	0 45	11 59	0 30	17 45	0 26	16 30	2 11	24 3	0 21	20 37	0 51	17 50	16 45	3 28	3 5	2 40			n.a.
T 19	23 5	14 59	4 32	22 5	1 10	21 11	0 56	11 46	0 29	17 43	0 26	16 29	2 11	24 3	0 21	20 37	0 51	17 50	16 46	3 25	3 4	2 42			n.a.
W20	23 11	11 51	3 53	21 49	1 23	20 57	1 7	11 32	0 28	17 42	0 26	16 27	2 11	24 3	0 21	20 37	0 51	17 50	16 46	3 22	3 3	2 44			n.a.
T 21	23 16	8 1	2 59	21 32	1 36	20 44	1 19	11 18	0 26	17 40	0 25	16 26	2 11	24 3	0 21	20 37	0 51	17 50	16 46	3 21	3 2	2 46			n.a.
F 22	23 21	3 43	1 54	21 16	1 49	20 30	1 30	11 4	0 25	17 39	0 25	16 24	2 11	24 3	0 21	20 38	0 51	17 51	16 47	3 21	3 0	2 47			n.a.
S 23	23 26	0s50	0 42	21 0	2 2	20 16	1 42	10 49	0 24	17 37	0 25	16 23	2 11	24 3	0 21	20 38	0 51	17 51	16 47	3 21	2 59	2 49			n.a.
S 24	23 30	5 22	0n34	20 45	2 15	20 3	1 55	10 35	0 23	17 36	0 25	16 21	2 10	24 2	0 21	20 38	0 51	17 51	16 47	3 21	2 58	2 51			n.a.
M25	23 34	9 37	1 47	20 30	2 29	19 49	2 7	10 21	0 22	17 35	0 25	16 19	2 10	24 2	0 21	20 39	0 51	17 51	16 48	3 20	2 56	2 53			n.a.
T 26	23 37	13 19	2 54	20 15	2 42	19 36	2 20	10 6	0 20	17 34	0 24	16 17	2 10	24 2	0 21	20 39	0 51	17 52	16 48	3 19	2 55	2 55			n.a.
W27	23 40	16 12	3 50	20 1	2 55	19 22	2 33	9 51	0 19	17 32	0 24	16 16	2 10	24 2	0 21	20 39	0 51	17 52	16 48	3 16	2 54	2 57			n.a.
T 28	23 43	18 5	4 31	19 48	3 8	19 9	2 46	9 37	0 18	17 31	0 24	16 14	2 10	24 2	0 21	20 40	0 51	17 52	16 49	3 13	2 53	2 59			n.a.
F 29	23 45	18 51	4 55	19 36	3 20	18 56	3 0	9 22	0 17	17 30	0 24	16 12	2 10	24 2	0 21	20 40	0 51	17 52	16 49	3 9	2 51	3 0			n.a.
S 30	23n47	18s28	5n 1	19n25	3s32	18n44	3s13	9n 7	0n16	17s29	0n24	16n10	2n10	24s 2	0s21	20s40	0s51	17s52	16s49	3s 4	2s50	3n 2			n.a.

Julian Day Number = 1315051.5, Delta T = 07h38m04s
Ecliptic obliquity = 23°49'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°26'01, Lahiri = -19°19'00 Julian Calendar 1 June 1113 BCE == Greg. Calendar 21 May 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

JULY 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 15	27♊32'49	22♉51	15°R 4	22°R24	8♍10	19°R19	22♌53	23°R43	2°R50	23♓44	7°R25	6♎59	7♈47	n.a.	S 1
M 2	17 59 12	28°30'18	5♒52	14♋45	22♋15	8°47	19♏15	22°58	23♐40	2♒49	23°44	7♎15	6°56	7°54	n.a.	M 2
T 3	18 3 8	29°27'49	18°33	14°21	22° 3	9°24	19°10	23° 3	23°38	2°47	23°44	7° 7	6°52	8° 0	n.a.	T 3
W 4	18 7 5	0♋25'22	0♓54	13°51	21°49	10° 1	19° 6	23° 8	23°36	2°46	23°R44	7° 2	6°49	8° 7	n.a.	W 4
T 5	18 11 2	1°22'56	12°59	13°17	21°33	10°39	19° 2	23°14	23°33	2°45	23°44	6°59	6°46	8°14	n.a.	T 5
F 6	18 14 58	2°20'32	24°54	12°39	21°14	11°16	18°58	23°19	23°31	2°43	23°44	6°58	6°43	8°20	n.a.	F 6
S 7	18 18 55	3°18'09	6♈43	11°56	20°53	11°54	18°55	23°25	23°28	2°42	23°44	6°58	6°40	8°27	n.a.	S 7
S 8	18 22 51	4°15'48	18°32	11°10	20°30	12°32	18°51	23°30	23°26	2°41	23°44	6°58	6°36	8°34	n.a.	S 8
M 9	18 26 48	5°13'29	0♉26	10°22	20° 5	13° 9	18°48	23°36	23°24	2°39	23°44	6°56	6°33	8°40	n.a.	M 9
T 10	18 30 44	6°11'12	12°30	9°31	19°38	13°48	18°45	23°41	23°21	2°38	23°44	6°53	6°30	8°47	n.a.	T 10
W11	18 34 41	7° 8'56	24°49	8°40	19° 9	14°26	18°42	23°47	23°19	2°36	23°44	6°47	6°27	8°54	n.a.	W11
T 12	18 38 37	8° 6'42	7♊25	7°49	18°38	15° 4	18°39	23°53	23°17	2°35	23°44	6°38	6°24	9° 0	n.a.	T 12
F 13	18 42 34	9° 4'30	20°20	6°58	18° 6	15°42	18°37	23°58	23°15	2°33	23°43	6°27	6°21	9° 7	n.a.	F 13
S 14	18 46 31	10° 2'20	3♋35	6°10	17°33	16°21	18°34	24° 4	23°12	2°32	23°43	6°15	6°17	9°13	n.a.	S 14
S 15	18 50 27	11° 0'11	17° 8	5°25	16°58	17° 0	18°32	24°10	23°10	2°30	23°43	6° 2	6°14	9°20	n.a.	S 15
M16	18 54 24	11°58'04	0♌56	4°44	16°23	17°39	18°30	24°16	23° 8	2°29	23°43	5°51	6°11	9°27	n.a.	M16
T 17	18 58 20	12°55'58	14°55	4° 8	15°47	18°17	18°28	24°22	23° 6	2°27	23°42	5°42	6° 8	9°33	n.a.	T 17
W18	19 2 17	13°53'54	29° 0	3°38	15°10	18°57	18°27	24°28	23° 3	2°26	23°42	5°35	6° 5	9°40	n.a.	W18
T 19	19 6 13	14°51'52	13♍ 9	3°14	14°33	19°36	18°25	24°34	23° 1	2°24	23°42	5°32	6° 1	9°47	n.a.	T 19
F 20	19 10 10	15°49'50	27°19	2°57	13°57	20°15	18°24	24°40	22°59	2°23	23°42	5°30	5°58	9°53	n.a.	F 20
S 21	19 14 6	16°47'50	11♎28	2°48	13°20	20°54	18°23	24°47	22°57	2°21	23°41	5°30	5°55	10° 0	n.a.	S 21
S 22	19 18 3	17°45'52	25°34	2°D47	12°44	21°34	18°22	24°53	22°55	2°19	23°41	5°30	5°52	10° 7	n.a.	S 22
M23	19 22 0	18°43'55	9♏37	2°54	12° 8	22°14	18°21	24°59	22°53	2°18	23°41	5°29	5°49	10°13	n.a.	M23
T 24	19 25 56	19°42'00	23°36	3° 9	11°34	22°53	18°21	25° 5	22°51	2°16	23°40	5°25	5°46	10°20	n.a.	T 24
W25	19 29 53	20°40'07	7♐29	3°33	11° 0	23°33	18°21	25°12	22°49	2°15	23°40	5°19	5°42	10°27	n.a.	W25
T 26	19 33 49	21°38'15	21°15	4° 5	10°28	24°13	18°D20	25°18	22°47	2°13	23°39	5°10	5°39	10°33	n.a.	T 26
F 27	19 37 46	22°36'24	4♑49	4°44	9°58	24°53	18°20	25°25	22°45	2°11	23°39	4°59	5°36	10°40	n.a.	F 27
S 28	19 41 42	23°34'36	18°10	5°32	9°29	25°33	18°21	25°31	22°43	2°10	23°38	4°47	5°33	10°47	n.a.	S 28
S 29	19 45 39	24°32'49	1♒16	6°28	9° 2	26°14	18°21	25°38	22°41	2° 8	23°38	4°36	5°30	10°53	n.a.	S 29
M30	19 49 35	25°31'05	14° 4	7°30	8°37	26°54	18°22	25°44	22°39	2° 7	23°37	4°26	5°27	11° 0	n.a.	M30
T 31	19 53 32	26♋29'22	26♒36	8♋40	8♋14	27♍35	18♏23	25♌51	22♐37	2♒ 5	23♓37	4♎18	5♎23	11♈ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	17s 5	4n51	19n16	3s43	18n31	3s27	8n52	0n15	17s28	0n23	16n 9	2n 9	24s 2	0s21	20s40	0s51	17s53	16s50	2s59	2s49	3n 4			n.a.
M 2	23 49	14 50	4 25	19 7	3 54	18 19	3 41	8 37	0 13	17 27	0 23	16 7	2 9	24 2	0 21	20 41	0 51	17 53	16 50	2 55	2 47	3 6			n.a.
T 3	23 49	11 55	3 47	19 0	4 4	18 7	3 55	8 22	0 12	17 26	0 23	16 5	2 9	24 2	0 21	20 41	0 51	17 53	16 50	2 52	2 46	3 8			n.a.
W 4	23 49	8 33	2 59	18 54	4 12	17 56	4 9	8 6	0 11	17 25	0 23	16 3	2 9	24 1	0 21	20 41	0 51	17 54	16 51	2 50	2 45	3 10			n.a.
T 5	23 49	4 53	2 4	18 50	4 20	17 44	4 23	7 51	0 10	17 24	0 23	16 1	2 9	24 1	0 21	20 42	0 52	17 54	16 51	2 49	2 44	3 12			n.a.
F 6	23 48	1 5	1 4	18 48	4 26	17 33	4 37	7 35	0 9	17 23	0 22	15 59	2 9	24 1	0 21	20 42	0 52	17 54	16 51	2 48	2 42	3 13			n.a.
S 7	23 47	2n44	0 1	18 47	4 31	17 23	4 51	7 20	0 8	17 22	0 22	15 57	2 9	24 1	0 21	20 42	0 52	17 55	16 52	2 48	2 41	3 15			n.a.
S 8	23 45	6 26	1s 1	18 48	4 34	17 13	5 5	7 4	0 7	17 21	0 22	15 55	2 9	24 1	0 21	20 43	0 52	17 55	16 52	2 48	2 40	3 17			n.a.
M 9	23 43	9 55	2 1	18 50	4 35	17 3	5 18	6 48	0 6	17 21	0 22	15 53	2 9	24 1	0 21	20 43	0 52	17 55	16 52	2 48	2 39	3 19			n.a.
T 10	23 41	13 2	2 56	18 54	4 35	16 54	5 32	6 33	0 5	17 20	0 22	15 51	2 8	24 1	0 21	20 44	0 52	17 56	16 53	2 46	2 37	3 21			n.a.
W11	23 38	15 39	3 45	19 0	4 33	16 45	5 45	6 17	0 4	17 19	0 21	15 49	2 8	24 1	0 21	20 44	0 52	17 56	16 53	2 44	2 36	3 23			n.a.
T 12	23 34	17 34	4 23	19 7	4 29	16 36	5 57	6 1	0 2	17 19	0 21	15 47	2 8	24 1	0 21	20 44	0 52	17 56	16 53	2 40	2 35	3 25			n.a.
F 13	23 30	18 40	4 49	19 16	4 23	16 29	6 9	5 45	0 1	17 18	0 21	15 45	2 8	24 0	0 21	20 45	0 52	17 57	16 54	2 36	2 33	3 26			n.a.
S 14	23 26	18 46	5 0	19 26	4 15	16 21	6 21	5 29	0 0	17 18	0 21	15 43	2 8	24 0	0 21	20 45	0 52	17 57	16 54	2 31	2 32	3 28			n.a.
S 15	23 22	17 50	4 55	19 38	4 5	16 15	6 32	5 12	0s 1	17 17	0 21	15 41	2 8	24 0	0 21	20 45	0 52	17 57	16 54	2 26	2 31	3 30			n.a.
M16	23 17	15 50	4 33	19 50	3 54	16 8	6 43	4 56	0 2	17 17	0 20	15 39	2 8	24 0	0 21	20 46	0 52	17 58	16 55	2 22	2 30	3 32			n.a.
T 17	23 11	12 54	3 54	20 4	3 42	16 3	6 53	4 40	0 3	17 17	0 20	15 37	2 8	24 0	0 21	20 46	0 52	17 58	16 55	2 18	2 28	3 34			n.a.
W18	23 5	9 12	3 0	20 19	3 28	15 58	7 2	4 23	0 4	17 16	0 20	15 35	2 8	24 0	0 21	20 47	0 52	17 59	16 55	2 15	2 27	3 36			n.a.
T 19	22 59	4 57	1 55	20 35	3 13	15 53	7 10	4 7	0 5	17 16	0 20	15 32	2 8	24 0	0 21	20 47	0 52	17 59	16 56	2 14	2 26	3 37			n.a.
F 20	22 52	0 25	0 43	20 51	2 57	15 49	7 18	3 50	0 6	17 16	0 20	15 30	2 7	24 0	0 22	20 47	0 52	17 59	16 56	2 13	2 25	3 39			n.a.
S 21	22 45	4s 7	0n32	21 8	2 40	15 46	7 25	3 33	0 7	17 16	0 19	15 28	2 7	23 59	0 22	20 48	0 52	18 0	16 56	2 13	2 23	3 41			n.a.
S 22	22 37	8 25	1 44	21 25	2 23	15 44	7 31	3 17	0 8	17 16	0 19	15 26	2 7	23 59	0 22	20 48	0 52	18 0	16 56	2 13	2 22	3 43			n.a.
M23	22 29	12 14	2 50	21 42	2 6	15 42	7 36	3 0	0 9	17 16	0 19	15 24	2 7	23 59	0 22	20 48	0 52	18 1	16 57	2 13	2 21	3 45			n.a.
T 24	22 21	15 20	3 46	21 59	1 48	15 40	7 40	2 43	0 10	17 16	0 19	15 21	2 7	23 59	0 22	20 49	0 52	18 1	16 57	2 11	2 19	3 47			n.a.
W25	22 12	17 31	4 28	22 16	1 31	15 39	7 44	2 26	0 11	17 16	0 19	15 19	2 7	23 59	0 22	20 49	0 52	18 2	16 57	2 9	2 18	3 48			n.a.
T 26	22 3	18 39	4 53	22 32	1 13	15 39	7 46	2 9	0 12	17 16	0 18	15 17	2 7	23 59	0 21	20 50	0 52	18 2	16 58	2 5	2 17	3 50			n.a.
F 27	21 54	18 42	5 2	22 48	0 56	15 40	7 48	1 52	0 13	17 16	0 18	15 15	2 7	23 59	0 21	20 50	0 52	18 2	16 58	2 1	2 16	3 52			n.a.
S 28	21 44	17 43	4 54	23 3	0 40	15 41	7 49	1 35	0 14	17 17	0 18	15 12	2 7	23 59	0 21	20 50	0 52	18 3	16 58	1 56	2 14	3 54			n.a.
S 29	21 33	15 48	4 30	23 16	0 24	15 42	7 50	1 18	0 14	17 17	0 18	15 10	2 7	23 59	0 21	20 51	0 52	18 3	16 59	1 51	2 13	3 56			n.a.
M30	21 23	13 9	3 54	23 28	0 9	15 44	7 49	1 1	0 15	17 17	0 18	15 8	2 7	23 58	0 21	20 51	0 52	18 4	16 59	1 47	2 12	3 58			n.a.
T 31	21n12	9s56	3n 6	23n38	0n 6	15n47	7s48	0n44	0s16	17s18	0n17	15n 5	2n 7	23s58	0s21	20s52	0s52	18s 4	16s59	1s44	2s10	3n59			n.a.

Julian Day Number = 1315081.5, Delta T = 07h38m02s
Ecliptic obliquity = 23°49'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'57, Lahiri = -19°18'56 Julian Calendar 1 July 1113 BCE == Greg. Calendar 20 June 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

AUGUST 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 57 29	27♋27'42	8♓52	9♋55	7°R53	28♍15	18♏24	25♌57	22°R35	2°R 3	23°R36	4°R12	5♎20	11♈13	n.a.	W 1
T 2	20 1 25	28°26'03	20°54	11°17	7♋34	28°56	18°25	26° 4	22♐33	2♒ 2	23♓36	4♎ 9	5°17	11°20	n.a.	T 2
F 3	20 5 22	29°24'27	2♈48	12°44	7°18	29°37	18°26	26°11	22°32	2° 0	23°35	4°D 8	5°14	11°26	n.a.	F 3
S 4	20 9 18	0♌22'53	14°36	14°15	7° 4	0♎18	18°28	26°18	22°30	1°58	23°34	4° 9	5°11	11°33	n.a.	S 4
S 5	20 13 15	1°21'21	26°25	15°51	6°53	0°59	18°30	26°24	22°28	1°57	23°34	4°R 9	5° 7	11°40	n.a.	S 5
M 6	20 17 11	2°19'52	8♉19	17°30	6°44	1°40	18°32	26°31	22°27	1°55	23°33	4° 9	5° 4	11°46	n.a.	M 6
T 7	20 21 8	3°18'25	20°23	19°12	6°37	2°21	18°34	26°38	22°25	1°53	23°33	4° 8	5° 1	11°53	n.a.	T 7
W 8	20 25 4	4°17'00	2♊44	20°57	6°33	3° 2	18°36	26°45	22°23	1°52	23°32	4° 4	4°58	12° 0	n.a.	W 8
T 9	20 29 1	5°15'38	15°25	22°44	6°D32	3°44	18°39	26°52	22°22	1°50	23°31	3°58	4°55	12° 6	n.a.	T 9
F 10	20 32 57	6°14'18	28°28	24°32	6°32	4°25	18°41	26°59	22°20	1°48	23°30	3°50	4°52	12°13	n.a.	F 10
S 11	20 36 54	7°13'00	11♋56	26°22	6°35	5° 7	18°44	27° 6	22°19	1°47	23°30	3°41	4°48	12°20	n.a.	S 11
S 12	20 40 51	8°11'45	25°46	28°13	6°40	5°49	18°47	27°13	22°17	1°45	23°29	3°32	4°45	12°26	n.a.	S 12
M13	20 44 47	9°10'32	9♌55	0♌ 4	6°48	6°30	18°51	27°20	22°16	1°43	23°28	3°23	4°42	12°33	n.a.	M13
T 14	20 48 44	10° 9'20	24°19	1°56	6°57	7°12	18°54	27°27	22°15	1°42	23°27	3°16	4°39	12°40	n.a.	T 14
W15	20 52 40	11° 8'11	8♍50	3°48	7° 9	7°54	18°58	27°34	22°13	1°40	23°27	3°11	4°36	12°46	n.a.	W15
T 16	20 56 37	12° 7'04	23°24	5°39	7°23	8°36	19° 1	27°41	22°12	1°39	23°26	3° 9	4°33	12°53	n.a.	T 16
F 17	21 0 33	13° 5'59	7♎54	7°31	7°39	9°19	19° 5	27°48	22°11	1°37	23°25	3°D 9	4°29	12°59	n.a.	F 17
S 18	21 4 30	14° 4'55	22°16	9°22	7°57	10° 1	19°10	27°55	22° 9	1°35	23°24	3°10	4°26	13° 6	n.a.	S 18
S 19	21 8 26	15° 3'54	6♏28	11°12	8°16	10°43	19°14	28° 2	22° 8	1°34	23°23	3°11	4°23	13°13	n.a.	S 19
M20	21 12 23	16° 2'54	20°28	13° 2	8°38	11°26	19°18	28° 9	22° 7	1°32	23°22	3°R11	4°20	13°19	n.a.	M20
T 21	21 16 20	17° 1'57	4♐17	14°51	9° 1	12° 8	19°23	28°16	22° 6	1°30	23°22	3° 9	4°17	13°26	n.a.	T 21
W22	21 20 16	18° 1'01	17°52	16°40	9°26	12°51	19°28	28°23	22° 5	1°29	23°21	3° 6	4°13	13°33	n.a.	W22
T 23	21 24 13	19° 0'07	1♑15	18°27	9°53	13°34	19°33	28°31	22° 4	1°27	23°20	3° 1	4°10	13°39	n.a.	T 23
F 24	21 28 9	19°59'15	14°26	20°14	10°21	14°16	19°38	28°38	22° 3	1°26	23°19	2°54	4° 7	13°46	n.a.	F 24
S 25	21 32 6	20°58'25	27°24	22° 0	10°51	14°59	19°43	28°45	22° 2	1°24	23°18	2°46	4° 4	13°53	n.a.	S 25
S 26	21 36 2	21°57'37	10♒ 8	23°45	11°23	15°42	19°49	28°52	22° 2	1°23	23°17	2°39	4° 1	13°59	n.a.	S 26
M27	21 39 59	22°56'52	22°40	25°30	11°56	16°25	19°55	28°59	22° 1	1°21	23°16	2°33	3°58	14° 6	n.a.	M27
T 28	21 43 55	23°56'08	4♓58	27°14	12°30	17° 9	20° 1	29° 7	22° 0	1°20	23°15	2°28	3°54	14°13	n.a.	T 28
W29	21 47 52	24°55'27	17° 6	28°56	13° 5	17°52	20° 7	29°14	21°59	1°18	23°14	2°25	3°51	14°19	n.a.	W29
T 30	21 51 48	25°54'48	29° 3	0♍38	13°42	18°35	20°13	29°21	21°59	1°17	23°13	2°D23	3°48	14°26	n.a.	T 30
F 31	21 55 45	26♌54'11	10♈54	2♍19	14♋21	19♎18	20♏19	29♌28	21♐58	1♒15	23♓12	2♎24	3♎45	14♈33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n 0	6s22	2n11	23n46	0n19	15n50	7s46	0n27	0s17	17s18	0n17	15n 3	2n 7	23s58	0s21	20s52	0s52	18s 5	16s59	1s42	2s 9	4n 1			n.a.
T 2	20 48	2 35	1 10	23 52	0 32	15 54	7 43	0 9	0 18	17 19	0 17	15 1	2 7	23 58	0 21	20 52	0 52	18 5	17 0	1 41	2 8	4 3			n.a.
F 3	20 36	1n14	0 7	23 56	0 44	15 58	7 40	0s 8	0 19	17 19	0 17	14 58	2 7	23 58	0 21	20 53	0 52	18 6	17 0	1 40	2 7	4 5			n.a.
S 4	20 24	4 59	0s56	23 57	0 54	16 2	7 37	0 25	0 20	17 20	0 17	14 56	2 6	23 58	0 21	20 53	0 52	18 6	17 0	1 40	2 5	4 7			n.a.
S 5	20 11	8 33	1 56	23 56	1 4	16 7	7 32	0 43	0 21	17 21	0 16	14 53	2 6	23 58	0 21	20 54	0 52	18 7	17 0	1 41	2 4	4 9			n.a.
M 6	19 57	11 47	2 52	23 52	1 13	16 12	7 28	1 0	0 22	17 21	0 16	14 51	2 6	23 58	0 21	20 54	0 52	18 7	17 1	1 41	2 3	4 10			n.a.
T 7	19 44	14 34	3 42	23 45	1 21	16 18	7 22	1 18	0 23	17 22	0 16	14 49	2 6	23 58	0 21	20 54	0 52	18 8	17 1	1 40	2 2	4 12			n.a.
W 8	19 30	16 46	4 22	23 36	1 27	16 23	7 17	1 35	0 24	17 23	0 16	14 46	2 6	23 58	0 21	20 55	0 52	18 8	17 1	1 38	2 0	4 14			n.a.
T 9	19 15	18 12	4 50	23 24	1 33	16 29	7 11	1 53	0 24	17 24	0 16	14 44	2 6	23 57	0 21	20 55	0 52	18 9	17 2	1 36	1 59	4 16			n.a.
F 10	19 1	18 45	5 4	23 10	1 38	16 36	7 4	2 10	0 25	17 25	0 16	14 41	2 6	23 57	0 21	20 55	0 52	18 9	17 2	1 33	1 58	4 18			n.a.
S 11	18 46	18 15	5 3	22 53	1 42	16 42	6 58	2 28	0 26	17 26	0 15	14 39	2 6	23 57	0 21	20 56	0 52	18 10	17 2	1 29	1 56	4 20			n.a.
S 12	18 31	16 42	4 43	22 34	1 45	16 49	6 51	2 45	0 27	17 27	0 15	14 36	2 6	23 57	0 21	20 56	0 52	18 10	17 2	1 25	1 55	4 21			n.a.
M13	18 15	14 6	4 6	22 13	1 48	16 56	6 43	3 3	0 28	17 28	0 15	14 34	2 6	23 57	0 21	20 57	0 52	18 11	17 3	1 22	1 54	4 23			n.a.
T 14	17 59	10 36	3 13	21 49	1 49	17 3	6 36	3 20	0 29	17 29	0 15	14 31	2 6	23 57	0 21	20 57	0 52	18 11	17 3	1 19	1 53	4 25			n.a.
W15	17 43	6 25	2 7	21 24	1 50	17 10	6 28	3 38	0 29	17 30	0 15	14 29	2 6	23 57	0 21	20 57	0 52	18 12	17 3	1 17	1 51	4 27			n.a.
T 16	17 26	1 52	0 52	20 56	1 50	17 17	6 21	3 56	0 30	17 32	0 14	14 26	2 6	23 57	0 21	20 58	0 52	18 12	17 3	1 16	1 50	4 29			n.a.
F 17	17 9	2s47	0n26	20 27	1 50	17 24	6 13	4 13	0 31	17 33	0 14	14 24	2 6	23 57	0 21	20 58	0 52	18 13	17 3	1 16	1 49	4 31			n.a.
S 18	16 52	7 14	1 41	19 57	1 49	17 31	6 4	4 31	0 32	17 34	0 14	14 21	2 6	23 57	0 21	20 58	0 52	18 13	17 4	1 17	1 47	4 32			n.a.
S 19	16 35	11 13	2 50	19 24	1 47	17 38	5 56	4 48	0 33	17 35	0 14	14 19	2 6	23 57	0 21	20 59	0 52	18 14	17 4	1 17	1 46	4 34			n.a.
M20	16 17	14 30	3 48	18 51	1 45	17 45	5 48	5 6	0 33	17 37	0 14	14 16	2 6	23 57	0 21	20 59	0 52	18 15	17 4	1 17	1 45	4 36			n.a.
T 21	15 59	16 54	4 31	18 16	1 42	17 52	5 39	5 24	0 34	17 38	0 14	14 14	2 6	23 56	0 21	21 0	0 52	18 15	17 4	1 16	1 44	4 38			n.a.
W22	15 41	18 18	4 58	17 40	1 39	17 59	5 31	5 41	0 35	17 40	0 13	14 11	2 6	23 56	0 21	21 0	0 52	18 16	17 4	1 15	1 42	4 40			n.a.
T 23	15 22	18 40	5 9	17 4	1 36	18 5	5 22	5 59	0 36	17 41	0 13	14 9	2 6	23 56	0 21	21 0	0 52	18 16	17 5	1 13	1 41	4 41			n.a.
F 24	15 3	18 0	5 3	16 26	1 32	18 12	5 14	6 16	0 36	17 43	0 13	14 6	2 6	23 56	0 21	21 1	0 52	18 17	17 5	1 10	1 40	4 43			n.a.
S 25	14 44	16 25	4 41	15 47	1 28	18 18	5 5	6 34	0 37	17 45	0 13	14 4	2 6	23 56	0 21	21 1	0 52	18 17	17 5	1 7	1 38	4 45			n.a.
S 26	14 25	14 2	4 6	15 8	1 24	18 24	4 57	6 52	0 38	17 46	0 13	14 1	2 6	23 56	0 21	21 1	0 52	18 18	17 5	1 4	1 37	4 47			n.a.
M27	14 5	11 3	3 19	14 28	1 19	18 30	4 48	7 9	0 39	17 48	0 13	13 59	2 6	23 56	0 21	21 2	0 52	18 18	17 5	1 2	1 36	4 49			n.a.
T 28	13 45	7 37	2 24	13 47	1 14	18 36	4 39	7 27	0 39	17 50	0 12	13 56	2 6	23 56	0 21	21 2	0 52	18 19	17 6	1 0	1 35	4 51			n.a.
W29	13 25	3 55	1 23	13 6	1 9	18 41	4 31	7 44	0 40	17 52	0 12	13 54	2 6	23 56	0 21	21 2	0 52	18 19	17 6	0 58	1 33	4 52			n.a.
T 30	13 5	0 6	0 18	12 24	1 3	18 46	4 22	8 1	0 41	17 53	0 12	13 51	2 6	23 56	0 21	21 3	0 52	18 20	17 6	0 58	1 32	4 54			n.a.
F 31	12n45	3n40	0s46	11n42	0n57	18n50	4s13	8s19	0s42	17s55	0n12	13n48	2n 6	23s56	0s21	21s 3	0s52	18s20	17s 6	0s58	1s31	4n56			n.a.

Julian Day Number = 1315112.5, Delta T = 07h38m01s
Ecliptic obliquity = 23°49'29, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'52, Lahiri = -19°18'52 Julian Calendar 1 Aug. 1113 BCE == Greg. Calendar 21 July 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

SEPTEMBER 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 42	27♌53'36	22♈41	4♍ 0	15♋ 0	20♎ 2	20♏25	29♌35	21°R58	1°R14	23°R11	2♎25	3♎42	14♈39	n.a.	S 1
S 2	22 3 38	28°53'05	4♉29	5°39	15°41	20°45	20°32	29°43	21♐57	1♒12	23♓10	2°27	3°39	14°46	n.a.	S 2
M 3	22 7 35	29°52'35	16°22	7°18	16°22	21°29	20°39	29°50	21°57	1°11	23° 9	2°28	3°35	14°52	n.a.	M 3
T 4	22 11 31	0♍52'08	28°25	8°56	17° 5	22°13	20°46	29°57	21°56	1°10	23° 8	2°R29	3°32	14°59	n.a.	T 4
W 5	22 15 28	1°51'43	10♊44	10°34	17°49	22°57	20°53	0♍ 4	21°56	1° 8	23° 7	2°29	3°29	15° 6	n.a.	W 5
T 6	22 19 24	2°51'21	23°22	12°10	18°34	23°40	21° 0	0°12	21°55	1° 7	23° 6	2°27	3°26	15°12	n.a.	T 6
F 7	22 23 21	3°51'02	6♋24	13°46	19°20	24°24	21° 8	0°19	21°55	1° 6	23° 5	2°24	3°23	15°19	n.a.	F 7
S 8	22 27 17	4°50'44	19°53	15°22	20° 7	25° 8	21°15	0°26	21°55	1° 4	23° 4	2°21	3°19	15°26	n.a.	S 8
S 9	22 31 14	5°50'30	3♌48	16°56	20°54	25°52	21°23	0°33	21°55	1° 3	23° 3	2°16	3°16	15°32	n.a.	S 9
M10	22 35 10	6°50'17	18° 8	18°30	21°43	26°37	21°31	0°41	21°55	1° 2	23° 2	2°13	3°13	15°39	n.a.	M10
T 11	22 39 7	7°50'06	2♍47	20° 4	22°32	27°21	21°38	0°48	21°55	1° 0	23° 1	2°10	3°10	15°46	n.a.	T 11
W12	22 43 4	8°49'58	17°40	21°37	23°22	28° 5	21°47	0°55	21°D55	0°59	22°59	2° 8	3° 7	15°52	n.a.	W12
T 13	22 47 0	9°49'52	2♎38	23° 9	24°13	28°50	21°55	1° 2	21°55	0°58	22°58	2°D 7	3° 4	15°59	n.a.	T 13
F 14	22 50 57	10°49'48	17°32	24°40	25° 5	29°34	22° 3	1° 9	21°55	0°57	22°57	2° 8	3° 0	16° 6	n.a.	F 14
S 15	22 54 53	11°49'45	2♏17	26°11	25°57	0♏19	22°12	1°17	21°55	0°56	22°56	2° 9	2°57	16°12	n.a.	S 15
S 16	22 58 50	12°49'45	16°45	27°42	26°51	1° 3	22°20	1°24	21°55	0°54	22°55	2°10	2°54	16°19	n.a.	S 16
M17	23 2 46	13°49'46	0♐55	29°12	27°44	1°48	22°29	1°31	21°56	0°53	22°54	2°11	2°51	16°26	n.a.	M17
T 18	23 6 43	14°49'49	14°45	0♎41	28°39	2°33	22°38	1°38	21°56	0°52	22°53	2°R12	2°48	16°32	n.a.	T 18
W19	23 10 39	15°49'54	28°14	2° 9	29°34	3°17	22°47	1°45	21°56	0°51	22°52	2°11	2°44	16°39	n.a.	W19
T 20	23 14 36	16°50'00	11♑25	3°37	0♌29	4° 2	22°56	1°52	21°57	0°50	22°50	2°10	2°41	16°45	n.a.	T 20
F 21	23 18 32	17°50'08	24°18	5° 4	1°26	4°47	23° 5	1°59	21°57	0°49	22°49	2° 9	2°38	16°52	n.a.	F 21
S 22	23 22 29	18°50'18	6♒57	6°31	2°22	5°32	23°15	2° 6	21°58	0°48	22°48	2° 7	2°35	16°59	n.a.	S 22
S 23	23 26 26	19°50'30	19°23	7°57	3°20	6°17	23°24	2°13	21°58	0°47	22°47	2° 5	2°32	17° 5	n.a.	S 23
M24	23 30 22	20°50'44	1♓37	9°22	4°18	7° 2	23°34	2°20	21°59	0°46	22°46	2° 3	2°29	17°12	n.a.	M24
T 25	23 34 19	21°50'59	13°43	10°47	5°16	7°47	23°44	2°27	21°59	0°45	22°45	2° 2	2°25	17°19	n.a.	T 25
W26	23 38 15	22°51'16	25°40	12°11	6°15	8°33	23°54	2°34	22° 0	0°44	22°44	2° 1	2°22	17°25	n.a.	W26
T 27	23 42 12	23°51'35	7♈32	13°34	7°14	9°18	24° 4	2°41	22° 1	0°44	22°43	2°D 1	2°19	17°32	n.a.	T 27
F 28	23 46 8	24°51'56	19°21	14°56	8°14	10° 3	24°14	2°48	22° 2	0°43	22°41	2° 2	2°16	17°39	n.a.	F 28
S 29	23 50 5	25°52'19	1♉ 8	16°17	9°15	10°49	24°24	2°55	22° 3	0°42	22°40	2° 2	2°13	17°45	n.a.	S 29
S 30	23 54 1	26♍52'44	12♉57	17♎36	10♌15	11♏34	24♏34	3♍ 2	22♐ 4	0♒41	22♓39	2♎ 3	2♎10	17♈52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n24	7n17	1s49	11n 0	0n52	18n55	4s 5	8s36	0s42	17s57	0n12	13n46	2n 6	23s56	0s21	21s 3	0s52	18s21	17s 6	0s59	1s29	4n58		n.a.
S 2	12 3	10 36	2 47	10 17	0 46	18 59	3 56	8 54	0 43	17 59	0 12	13 43	2 6	23 56	0 21	21 4	0 52	18 22	17 6	0 59	1 28	5 0		n.a.
M 3	11 42	13 31	3 38	9 34	0 39	19 2	3 48	9 11	0 44	18 1	0 11	13 41	2 6	23 56	0 21	21 4	0 52	18 22	17 6	1 0	1 27	5 1		n.a.
T 4	11 20	15 54	4 20	8 51	0 33	19 5	3 39	9 28	0 44	18 3	0 11	13 38	2 6	23 56	0 21	21 4	0 52	18 23	17 7	1 0	1 26	5 3		n.a.
W 5	10 59	17 36	4 52	8 8	0 27	19 8	3 31	9 45	0 45	18 5	0 11	13 36	2 6	23 56	0 21	21 5	0 52	18 23	17 7	1 0	1 24	5 5		n.a.
T 6	10 37	18 30	5 10	7 25	0 20	19 10	3 23	10 2	0 46	18 7	0 11	13 33	2 6	23 56	0 21	21 5	0 52	18 24	17 7	0 59	1 23	5 7		n.a.
F 7	10 15	18 27	5 13	6 41	0 14	19 12	3 14	10 19	0 46	18 9	0 11	13 30	2 7	23 56	0 21	21 5	0 52	18 24	17 7	0 58	1 22	5 9		n.a.
S 8	9 53	17 23	5 0	5 58	0 7	19 13	3 6	10 36	0 47	18 12	0 11	13 28	2 7	23 56	0 21	21 5	0 52	18 25	17 7	0 57	1 21	5 10		n.a.
S 9	9 31	15 16	4 28	5 14	0 0	19 14	2 58	10 53	0 48	18 14	0 10	13 25	2 7	23 56	0 21	21 6	0 52	18 25	17 7	0 55	1 19	5 12		n.a.
M10	9 9	12 10	3 39	4 31	0s 7	19 15	2 50	11 10	0 48	18 16	0 10	13 23	2 7	23 56	0 21	21 6	0 52	18 26	17 7	0 54	1 18	5 14		n.a.
T 11	8 46	8 14	2 35	3 47	0 13	19 15	2 42	11 27	0 49	18 18	0 10	13 20	2 7	23 56	0 21	21 6	0 52	18 26	17 7	0 52	1 17	5 16		n.a.
W12	8 23	3 44	1 19	3 4	0 20	19 14	2 34	11 44	0 49	18 21	0 10	13 18	2 7	23 56	0 21	21 7	0 52	18 27	17 7	0 52	1 15	5 18		n.a.
T 13	8 0	1s 1	0n 3	2 21	0 27	19 13	2 26	12 0	0 50	18 23	0 10	13 15	2 7	23 56	0 21	21 7	0 52	18 27	17 7	0 51	1 14	5 19		n.a.
F 14	7 37	5 42	1 24	1 38	0 34	19 12	2 18	12 17	0 51	18 25	0 10	13 13	2 7	23 56	0 21	21 7	0 52	18 28	17 7	0 52	1 13	5 21		n.a.
S 15	7 14	9 58	2 39	0 55	0 41	19 9	2 11	12 34	0 51	18 28	0 10	13 10	2 7	23 56	0 21	21 7	0 52	18 28	17 7	0 52	1 12	5 23		n.a.
S 16	6 51	13 34	3 43	0 12	0 48	19 7	2 3	12 50	0 52	18 30	0 9	13 7	2 7	23 56	0 21	21 8	0 52	18 29	17 8	0 53	1 10	5 25		n.a.
M17	6 28	16 15	4 31	0s30	0 54	19 4	1 56	13 6	0 52	18 32	0 9	13 5	2 7	23 56	0 21	21 8	0 52	18 29	17 8	0 53	1 9	5 27		n.a.
T 18	6 4	17 56	5 2	1 12	1 1	19 0	1 48	13 23	0 53	18 35	0 9	13 2	2 7	23 56	0 21	21 8	0 52	18 30	17 8	0 53	1 8	5 28		n.a.
W19	5 40	18 33	5 16	1 54	1 8	18 56	1 41	13 39	0 53	18 37	0 9	13 0	2 7	23 56	0 21	21 8	0 52	18 30	17 8	0 53	1 6	5 30		n.a.
T 20	5 17	18 8	5 13	2 36	1 14	18 51	1 34	13 55	0 54	18 40	0 9	12 57	2 7	23 56	0 21	21 9	0 52	18 31	17 8	0 53	1 5	5 32		n.a.
F 21	4 53	16 47	4 53	3 17	1 21	18 45	1 26	14 11	0 55	18 42	0 9	12 55	2 8	23 56	0 21	21 9	0 52	18 31	17 8	0 52	1 4	5 34		n.a.
S 22	4 29	14 38	4 20	3 57	1 27	18 40	1 19	14 27	0 55	18 45	0 8	12 52	2 8	23 56	0 21	21 9	0 52	18 32	17 8	0 51	1 3	5 36		n.a.
S 23	4 5	11 51	3 35	4 38	1 33	18 33	1 13	14 42	0 56	18 47	0 8	12 50	2 8	23 56	0 21	21 9	0 52	18 32	17 8	0 50	1 1	5 37		n.a.
M24	3 41	8 34	2 41	5 18	1 39	18 26	1 6	14 58	0 56	18 50	0 8	12 47	2 8	23 56	0 21	21 9	0 52	18 33	17 8	0 50	1 0	5 39		n.a.
T 25	3 17	4 58	1 40	5 57	1 45	18 18	0 59	15 13	0 57	18 53	0 8	12 45	2 8	23 56	0 21	21 10	0 52	18 33	17 8	0 49	0 59	5 41		n.a.
W26	2 53	1 13	0 35	6 35	1 51	18 10	0 52	15 29	0 57	18 55	0 8	12 43	2 8	23 56	0 21	21 10	0 52	18 34	17 8	0 49	0 57	5 43		n.a.
T 27	2 29	2n34	0s31	7 13	1 57	18 1	0 46	15 44	0 58	18 58	0 8	12 40	2 8	23 56	0 21	21 10	0 52	18 34	17 8	0 49	0 56	5 45		n.a.
F 28	2 4	6 14	1 35	7 51	2 2	17 52	0 39	15 59	0 58	19 0	0 8	12 38	2 8	23 56	0 21	21 10	0 52	18 34	17 8	0 49	0 55	5 46		n.a.
S 29	1 40	9 38	2 35	8 27	2 7	17 42	0 33	16 14	0 59	19 3	0 7	12 35	2 8	23 56	0 21	21 10	0 52	18 35	17 8	0 49	0 54	5 48		n.a.
S 30	1n16	12n40	3s29	9s 3	2s12	17n31	0s27	16s29	0s59	19s 6	0n 7	12n33	2n 8	23s56	0s21	21s10	0s52	18s35	17s 8	0s50	0s52	5n50		n.a.

Julian Day Number = 1315143.5, Delta T = 07h37m59s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'48, Lahiri = -19°18'48 Julian Calendar 1 Sept. 1113 BCE == Greg. Calendar 21 Aug. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

OCTOBER 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 57 58	27♍53'11	24♉52	18♎55	11♌17	12♏20	24♏45	3♍ 9	22♐ 4	0°R41	22°R38	2♎ 4	2♎ 6	17♈59	n.a.	M 1
T 2	0 1 55	28°53'40	6♊55	20°13	12°18	13° 5	24°55	3°15	22° 5	0♒40	22♓37	2° 4	2° 3	18° 5	n.a.	T 2
W 3	0 5 51	29°54'11	19°11	21°29	13°20	13°51	25° 6	3°22	22° 7	0°39	22°36	2° 4	2° 0	18°12	n.a.	W 3
T 4	0 9 48	0♎54'44	1♋45	22°43	14°23	14°36	25°16	3°29	22° 8	0°39	22°35	2°R 4	1°57	18°19	n.a.	T 4
F 5	0 13 44	1°55'19	14°41	23°56	15°26	15°22	25°27	3°36	22° 9	0°38	22°33	2°D 4	1°54	18°25	n.a.	F 5
S 6	0 17 41	2°55'56	28° 1	25° 6	16°29	16° 8	25°38	3°42	22°10	0°37	22°32	2° 4	1°50	18°32	n.a.	S 6
S 7	0 21 37	3°56'35	11♌49	26°15	17°32	16°54	25°49	3°49	22°11	0°37	22°31	2° 4	1°47	18°39	n.a.	S 7
M 8	0 25 34	4°57'16	26° 3	27°20	18°36	17°40	26° 0	3°55	22°13	0°36	22°30	2° 5	1°44	18°45	n.a.	M 8
T 9	0 29 30	5°57'59	10♍42	28°23	19°40	18°25	26°12	4° 2	22°14	0°36	22°29	2° 5	1°41	18°52	n.a.	T 9
W10	0 33 27	6°58'43	25°41	29°23	20°45	19°11	26°23	4° 8	22°15	0°35	22°28	2°R 5	1°38	18°58	n.a.	W10
T 11	0 37 23	7°59'29	10♎51	0♏19	21°50	19°57	26°34	4°15	22°17	0°35	22°27	2° 5	1°35	19° 5	n.a.	T 11
F 12	0 41 20	9° 0'17	26° 4	1°10	22°55	20°44	26°46	4°21	22°18	0°35	22°26	2° 5	1°31	19°12	n.a.	F 12
S 13	0 45 17	10° 1'05	11♏ 9	1°57	24° 0	21°30	26°57	4°28	22°20	0°34	22°25	2° 4	1°28	19°18	n.a.	S 13
S 14	0 49 13	11° 1'56	25°58	2°39	25° 6	22°16	27° 9	4°34	22°22	0°34	22°23	2° 3	1°25	19°25	n.a.	S 14
M15	0 53 10	12° 2'47	10♐25	3°15	26°12	23° 2	27°21	4°40	22°23	0°34	22°22	2° 2	1°22	19°32	n.a.	M15
T 16	0 57 6	13° 3'40	24°26	3°44	27°18	23°48	27°33	4°46	22°25	0°33	22°21	2° 1	1°19	19°38	n.a.	T 16
W17	1 1 3	14° 4'34	8♑ 1	4° 5	28°25	24°35	27°44	4°53	22°27	0°33	22°20	2°D 0	1°15	19°45	n.a.	W17
T 18	1 4 59	15° 5'28	21°10	4°18	29°32	25°21	27°56	4°59	22°28	0°33	22°19	2° 0	1°12	19°52	n.a.	T 18
F 19	1 8 56	16° 6'24	3♒58	4°R23	0♍39	26° 7	28° 9	5° 5	22°30	0°33	22°18	2° 1	1° 9	19°58	n.a.	F 19
S 20	1 12 52	17° 7'21	16°26	4°17	1°46	26°54	28°21	5°11	22°32	0°33	22°17	2° 2	1° 6	20° 5	n.a.	S 20
S 21	1 16 49	18° 8'18	28°40	4° 1	2°53	27°40	28°33	5°17	22°34	0°33	22°16	2° 4	1° 3	20°12	n.a.	S 21
M22	1 20 46	19° 9'17	10♓42	3°34	4° 1	28°27	28°45	5°23	22°36	0°33	22°15	2° 5	1° 0	20°18	n.a.	M22
T 23	1 24 42	20°10'17	22°37	2°56	5° 9	29°13	28°58	5°28	22°38	0°D33	22°14	2° 6	0°56	20°25	n.a.	T 23
W24	1 28 39	21°11'17	4♈28	2° 8	6°17	29°59	29°10	5°34	22°40	0°33	22°13	2°R 6	0°53	20°32	n.a.	W24
T 25	1 32 35	22°12'19	16°16	1° 9	7°25	0♐46	29°23	5°40	22°42	0°33	22°12	2° 5	0°50	20°38	n.a.	T 25
F 26	1 36 32	23°13'22	28° 4	0° 1	8°34	1°33	29°35	5°46	22°44	0°33	22°11	2° 4	0°47	20°45	n.a.	F 26
S 27	1 40 28	24°14'25	9♉55	28♎46	9°43	2°19	29°48	5°51	22°47	0°33	22°10	2° 1	0°44	20°52	n.a.	S 27
S 28	1 44 25	25°15'30	21°49	27°26	10°51	3° 6	0♐ 0	5°57	22°49	0°33	22° 9	1°57	0°41	20°58	n.a.	S 28
M29	1 48 21	26°16'36	3♊50	26° 3	12° 1	3°53	0°13	6° 2	22°51	0°33	22° 8	1°53	0°37	21° 5	n.a.	M29
T 30	1 52 18	27°17'44	15°59	24°41	13°10	4°40	0°26	6° 8	22°53	0°34	22° 8	1°48	0°34	21°12	n.a.	T 30
W31	1 56 15	28♎18'52	28♊19	23♎21	14♍19	5♐26	0♐39	6♍13	22♐56	0♒34	22♓ 7	1♎45	0♎31	21♈18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n51	15n11	4s14	9s38	2s17	17n20	0s21	16s44	1s 0	19s 9	0n 7	12n30	2n 9	23s56	0s21	21s11	0s52	18s36	17s 8	0s50	0s51	5n52			n.a.
T 2	0 27	17 5	4 48	10 12	2 21	17 9	0 15	16 58	1 0	19 11	0 7	12 28	2 9	23 56	0 21	21 11	0 52	18 36	17 7	0 50	0 50	5 53			n.a.
W 3	0 2	18 13	5 10	10 45	2 25	16 56	0 9	17 13	1 1	19 14	0 7	12 26	2 9	23 56	0 21	21 11	0 52	18 37	17 7	0 50	0 48	5 55			n.a.
T 4	0s22	18 31	5 18	11 16	2 29	16 44	0 3	17 27	1 1	19 17	0 7	12 23	2 9	23 56	0 21	21 11	0 52	18 37	17 7	0 50	0 47	5 57			n.a.
F 5	0 47	17 51	5 11	11 47	2 32	16 30	0n 2	17 41	1 1	19 20	0 7	12 21	2 9	23 56	0 21	21 11	0 52	18 37	17 7	0 50	0 46	5 59			n.a.
S 6	1 11	16 13	4 46	12 16	2 35	16 16	0 8	17 55	1 2	19 22	0 7	12 19	2 9	23 56	0 21	21 11	0 52	18 38	17 7	0 50	0 45	6 1			n.a.
S 7	1 36	13 36	4 5	12 44	2 37	16 2	0 13	18 9	1 2	19 25	0 6	12 16	2 9	23 56	0 21	21 11	0 52	18 38	17 7	0 50	0 43	6 2			n.a.
M 8	2 0	10 6	3 8	13 9	2 39	15 47	0 19	18 22	1 3	19 28	0 6	12 14	2 10	23 56	0 21	21 11	0 52	18 38	17 7	0 50	0 42	6 4			n.a.
T 9	2 24	5 53	1 56	13 34	2 40	15 32	0 24	18 36	1 3	19 31	0 6	12 12	2 10	23 56	0 21	21 11	0 52	18 39	17 7	0 50	0 41	6 6			n.a.
W10	2 49	1 12	0 36	13 56	2 41	15 16	0 29	18 49	1 3	19 34	0 6	12 9	2 10	23 57	0 21	21 12	0 52	18 39	17 7	0 51	0 39	6 8			n.a.
T 11	3 13	3s37	0n49	14 16	2 40	14 59	0 34	19 2	1 4	19 36	0 6	12 7	2 10	23 57	0 21	21 12	0 52	18 39	17 7	0 51	0 38	6 9			n.a.
F 12	3 37	8 13	2 10	14 33	2 39	14 42	0 38	19 15	1 4	19 39	0 6	12 5	2 10	23 57	0 21	21 12	0 52	18 40	17 7	0 50	0 37	6 11			n.a.
S 13	4 2	12 14	3 21	14 48	2 37	14 25	0 43	19 28	1 5	19 42	0 6	12 3	2 10	23 57	0 21	21 12	0 52	18 40	17 6	0 50	0 36	6 13			n.a.
S 14	4 26	15 24	4 17	15 0	2 34	14 7	0 48	19 40	1 5	19 45	0 6	12 1	2 10	23 57	0 21	21 12	0 52	18 40	17 6	0 50	0 34	6 15			n.a.
M15	4 50	17 30	4 55	15 9	2 30	13 48	0 52	19 53	1 5	19 48	0 5	11 58	2 11	23 57	0 21	21 12	0 52	18 41	17 6	0 49	0 33	6 17			n.a.
T 16	5 14	18 28	5 15	15 14	2 25	13 29	0 56	20 5	1 6	19 51	0 5	11 56	2 11	23 57	0 21	21 12	0 52	18 41	17 6	0 49	0 32	6 18			n.a.
W17	5 38	18 19	5 16	15 15	2 19	13 10	1 1	20 17	1 6	19 53	0 5	11 54	2 11	23 57	0 21	21 12	0 52	18 41	17 6	0 49	0 30	6 20			n.a.
T 18	6 2	17 11	5 0	15 12	2 11	12 50	1 5	20 29	1 6	19 56	0 5	11 52	2 11	23 57	0 21	21 12	0 52	18 42	17 6	0 49	0 29	6 22			n.a.
F 19	6 26	15 12	4 30	15 5	2 1	12 29	1 9	20 40	1 7	19 59	0 5	11 50	2 11	23 57	0 21	21 12	0 52	18 42	17 6	0 49	0 28	6 24			n.a.
S 20	6 50	12 33	3 47	14 53	1 50	12 9	1 13	20 52	1 7	20 2	0 5	11 48	2 11	23 57	0 21	21 12	0 52	18 42	17 5	0 49	0 27	6 25			n.a.
S 21	7 13	9 24	2 55	14 35	1 38	11 47	1 16	21 3	1 7	20 5	0 5	11 46	2 12	23 58	0 21	21 12	0 52	18 42	17 5	0 50	0 25	6 27			n.a.
M22	7 37	5 53	1 56	14 13	1 23	11 26	1 20	21 14	1 8	20 8	0 5	11 44	2 12	23 58	0 21	21 12	0 52	18 43	17 5	0 50	0 24	6 29			n.a.
T 23	8 0	2 10	0 52	13 45	1 7	11 4	1 23	21 24	1 8	20 11	0 4	11 42	2 12	23 58	0 21	21 12	0 52	18 43	17 5	0 51	0 23	6 31			n.a.
W24	8 24	1n36	0s13	13 11	0 50	10 41	1 27	21 35	1 8	20 14	0 4	11 40	2 12	23 58	0 21	21 12	0 52	18 43	17 5	0 51	0 22	6 32			n.a.
T 25	8 47	5 18	1 18	12 33	0 31	10 19	1 30	21 45	1 8	20 16	0 4	11 38	2 12	23 58	0 21	21 12	0 52	18 43	17 5	0 51	0 20	6 34			n.a.
F 26	9 10	8 48	2 19	11 50	0 12	9 55	1 33	21 55	1 9	20 19	0 4	11 36	2 13	23 58	0 21	21 12	0 52	18 44	17 4	0 50	0 19	6 36			n.a.
S 27	9 33	11 58	3 14	11 4	0n 9	9 32	1 36	22 5	1 9	20 22	0 4	11 34	2 13	23 58	0 21	21 12	0 52	18 44	17 4	0 49	0 18	6 38			n.a.
S 28	9 56	14 38	4 1	10 16	0 29	9 8	1 39	22 15	1 9	20 25	0 4	11 32	2 13	23 58	0 21	21 12	0 52	18 44	17 4	0 47	0 16	6 39			n.a.
M29	10 18	16 43	4 38	9 27	0 50	8 44	1 42	22 24	1 9	20 28	0 4	11 30	2 13	23 58	0 21	21 12	0 52	18 44	17 4	0 45	0 15	6 41			n.a.
T 30	10 41	18 4	5 2	8 38	1 9	8 19	1 44	22 33	1 10	20 31	0 4	11 28	2 13	23 59	0 21	21 12	0 52	18 44	17 4	0 44	0 14	6 43			n.a.
W31	11s 3	18n35	5s14	7s52	1n28	7n54	1n47	22s42	1s10	20s34	0n 3	11n26	2n14	23s59	0s21	21s11	0s52	18s45	17s 3	0s42	0s13	6n45			n.a.

Julian Day Number = 1315173.5, Delta T = 07h37m58s
Ecliptic obliquity = 23°49'30, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'44, Lahiri = -19°18'44 Julian Calendar 1 Oct. 1113 BCE == Greg. Calendar 20 Sept. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

NOVEMBER 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 11	29♎20'01	10♋53	22°R 8	15♍29	6♐13	0♐52	6♍18	22♐58	0♒34	22°R 6	1°R42	0♎28	21♈25	n.a.	T 1
F 2	2 4 8	0♏21'11	23°45	21♎ 2	16°39	7° 0	1° 5	6°24	23° 0	0°35	22♓ 5	1♎40	0°25	21°32	n.a.	F 2
S 3	2 8 4	1°22'23	6♌56	20° 6	17°49	7°47	1°18	6°29	23° 3	0°35	22° 4	1°D40	0°21	21°38	n.a.	S 3
S 4	2 12 1	2°23'35	20°31	19°21	18°59	8°34	1°31	6°34	23° 5	0°35	22° 3	1°41	0°18	21°45	n.a.	S 4
M 5	2 15 57	3°24'49	4♍30	18°46	20° 9	9°20	1°44	6°39	23° 8	0°36	22° 2	1°43	0°15	21°51	n.a.	M 5
T 6	2 19 54	4°26'03	18°54	18°23	21°19	10° 7	1°57	6°44	23°10	0°36	22° 2	1°44	0°12	21°58	n.a.	T 6
W 7	2 23 50	5°27'18	3♎41	18°11	22°30	10°54	2°11	6°49	23°13	0°37	22° 1	1°R45	0° 9	22° 5	n.a.	W 7
T 8	2 27 47	6°28'34	18°45	18°D 9	23°41	11°41	2°24	6°53	23°16	0°37	22° 0	1°44	0° 6	22°11	n.a.	T 8
F 9	2 31 44	7°29'51	3♏58	18°17	24°51	12°28	2°37	6°58	23°18	0°38	21°59	1°41	0° 2	22°18	n.a.	F 9
S 10	2 35 40	8°31'08	19°10	18°34	26° 2	13°15	2°51	7° 3	23°21	0°39	21°58	1°36	29♍59	22°25	n.a.	S 10
S 11	2 39 37	9°32'26	4♐11	18°59	27°13	14° 2	3° 4	7° 7	23°24	0°39	21°58	1°30	29°56	22°31	n.a.	S 11
M12	2 43 33	10°33'44	18°52	19°32	28°24	14°49	3°18	7°12	23°27	0°40	21°57	1°24	29°53	22°38	n.a.	M12
T 13	2 47 30	11°35'02	3♑ 6	20°11	29°36	15°36	3°31	7°16	23°29	0°41	21°56	1°18	29°50	22°45	n.a.	T 13
W14	2 51 26	12°36'20	16°52	20°56	0♎47	16°23	3°45	7°21	23°32	0°41	21°56	1°14	29°46	22°51	n.a.	W14
T 15	2 55 23	13°37'38	0♒ 8	21°46	1°58	17°11	3°59	7°25	23°35	0°42	21°55	1°11	29°43	22°58	n.a.	T 15
F 16	2 59 20	14°38'56	12°58	22°41	3°10	17°58	4°12	7°29	23°38	0°43	21°54	1°D10	29°40	23° 5	n.a.	F 16
S 17	3 3 16	15°40'14	25°26	23°40	4°22	18°45	4°26	7°33	23°41	0°44	21°54	1°10	29°37	23°11	n.a.	S 17
S 18	3 7 13	16°41'32	7♓36	24°43	5°33	19°32	4°40	7°37	23°44	0°45	21°53	1°12	29°34	23°18	n.a.	S 18
M19	3 11 9	17°42'50	19°33	25°48	6°45	20°19	4°53	7°41	23°47	0°46	21°53	1°13	29°31	23°25	n.a.	M19
T 20	3 15 6	18°44'07	1♈23	26°57	7°57	21° 6	5° 7	7°45	23°50	0°47	21°52	1°R14	29°27	23°31	n.a.	T 20
W21	3 19 2	19°45'25	13°10	28° 8	9° 9	21°53	5°21	7°49	23°53	0°48	21°51	1°13	29°24	23°38	n.a.	W21
T 22	3 22 59	20°46'42	24°57	29°21	10°21	22°40	5°35	7°52	23°56	0°49	21°51	1°10	29°21	23°45	n.a.	T 22
F 23	3 26 55	21°47'59	6♉48	0♏36	11°33	23°28	5°49	7°56	23°59	0°50	21°50	1° 4	29°18	23°51	n.a.	F 23
S 24	3 30 52	22°49'16	18°45	1°52	12°46	24°15	6° 3	7°59	24° 2	0°51	21°50	0°56	29°15	23°58	n.a.	S 24
S 25	3 34 49	23°50'33	0♊49	3°11	13°58	25° 2	6°16	8° 3	24° 5	0°52	21°49	0°47	29°12	24° 5	n.a.	S 25
M26	3 38 45	24°51'50	13° 1	4°30	15°10	25°49	6°30	8° 6	24° 8	0°53	21°49	0°36	29° 8	24°11	n.a.	M26
T 27	3 42 42	25°53'07	25°23	5°51	16°23	26°36	6°44	8° 9	24°12	0°54	21°49	0°25	29° 5	24°18	n.a.	T 27
W28	3 46 38	26°54'23	7♋56	7°13	17°35	27°23	6°58	8°12	24°15	0°55	21°48	0°15	29° 2	24°25	n.a.	W28
T 29	3 50 35	27°55'40	20°39	8°36	18°48	28°10	7°12	8°15	24°18	0°57	21°48	0° 7	28°59	24°31	n.a.	T 29
F 30	3 54 31	28♏56'56	3♌36	10♏ 0	20♎ 1	28♐58	7♐26	8♍18	24♐21	0♒58	21♓47	0♎ 2	28♍56	24♈38	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s25	18n13	5s10	7s 8	1n44	7n29	1n49	22s51	1s10	20s36	0n 3	11n24	2n14	23s59	0s21	21s11	0s51	18s45	17s 3	0s41	0s11	6n46		n.a.
F 2	11 47	16 55	4 51	6 30	1 59	7 3	1 51	22 59	1 10	20 39	0 3	11 23	2 14	23 59	0 21	21 11	0 51	18 45	17 3	0 41	0 10	6 48		n.a.
S 3	12 8	14 42	4 17	5 57	2 12	6 38	1 53	23 7	1 10	20 42	0 3	11 21	2 14	23 59	0 21	21 11	0 51	18 45	17 3	0 41	0 9	6 50		n.a.
S 4	12 30	11 37	3 27	5 30	2 23	6 12	1 55	23 15	1 11	20 45	0 3	11 19	2 14	23 59	0 21	21 11	0 51	18 45	17 2	0 41	0 7	6 52		n.a.
M 5	12 51	7 47	2 24	5 9	2 31	5 45	1 57	23 22	1 11	20 48	0 3	11 18	2 15	23 59	0 21	21 11	0 51	18 45	17 2	0 42	0 6	6 54		n.a.
T 6	13 12	3 23	1 10	4 54	2 38	5 19	1 59	23 30	1 11	20 51	0 3	11 16	2 15	23 59	0 21	21 11	0 51	18 45	17 2	0 42	0 5	6 55		n.a.
W 7	13 33	1s20	0n11	4 45	2 42	4 52	2 1	23 37	1 11	20 53	0 3	11 14	2 15	24 0	0 21	21 11	0 51	18 45	17 2	0 42	0 4	6 57		n.a.
T 8	13 54	6 3	1 32	4 41	2 45	4 25	2 2	23 44	1 11	20 56	0 2	11 13	2 15	24 0	0 21	21 11	0 51	18 45	17 1	0 42	0 2	6 59		n.a.
F 9	14 14	10 26	2 47	4 43	2 46	3 58	2 4	23 50	1 11	20 59	0 2	11 11	2 16	24 0	0 21	21 10	0 51	18 45	17 1	0 41	0 1	7 0		n.a.
S 10	14 34	14 6	3 50	4 50	2 46	3 30	2 5	23 56	1 11	21 2	0 2	11 9	2 16	24 0	0 21	21 10	0 51	18 46	17 1	0 39	0n 0	7 2		n.a.
S 11	14 54	16 48	4 36	5 1	2 45	3 3	2 6	24 2	1 12	21 4	0 2	11 8	2 16	24 0	0 21	21 10	0 51	18 46	17 0	0 37	0 2	7 4		n.a.
M12	15 14	18 19	5 3	5 16	2 43	2 35	2 7	24 8	1 12	21 7	0 2	11 6	2 16	24 0	0 21	21 10	0 51	18 46	17 0	0 34	0 3	7 6		n.a.
T 13	15 33	18 37	5 11	5 33	2 39	2 7	2 8	24 13	1 12	21 10	0 2	11 5	2 16	24 0	0 21	21 10	0 51	18 46	17 0	0 32	0 4	7 7		n.a.
W14	15 52	17 47	4 59	5 54	2 35	1 39	2 9	24 19	1 12	21 13	0 2	11 4	2 17	24 0	0 21	21 10	0 51	18 46	17 0	0 30	0 5	7 9		n.a.
T 15	16 11	16 1	4 32	6 18	2 30	1 11	2 10	24 23	1 12	21 15	0 2	11 2	2 17	24 1	0 21	21 9	0 51	18 46	16 59	0 29	0 7	7 11		n.a.
F 16	16 29	13 29	3 52	6 43	2 25	0 43	2 10	24 28	1 12	21 18	0 2	11 1	2 17	24 1	0 21	21 9	0 51	18 46	16 59	0 28	0 8	7 13		n.a.
S 17	16 48	10 24	3 2	7 11	2 19	0 14	2 11	24 32	1 12	21 21	0 1	11 0	2 17	24 1	0 21	21 9	0 51	18 46	16 59	0 28	0 9	7 14		n.a.
S 18	17 6	6 56	2 5	7 40	2 13	0s14	2 11	24 36	1 12	21 23	0 1	10 58	2 18	24 1	0 21	21 9	0 51	18 46	16 58	0 29	0 11	7 16		n.a.
M19	17 23	3 14	1 3	8 10	2 7	0 43	2 12	24 40	1 12	21 26	0 1	10 57	2 18	24 1	0 21	21 9	0 51	18 46	16 58	0 30	0 12	7 18		n.a.
T 20	17 41	0n33	0s 1	8 41	2 0	1 12	2 12	24 43	1 12	21 29	0 1	10 56	2 18	24 1	0 21	21 8	0 51	18 45	16 58	0 30	0 13	7 20		n.a.
W21	17 58	4 18	1 4	9 13	1 53	1 40	2 12	24 47	1 12	21 31	0 1	10 55	2 18	24 1	0 21	21 8	0 51	18 45	16 58	0 29	0 14	7 21		n.a.
T 22	18 14	7 53	2 5	9 46	1 46	2 9	2 12	24 49	1 12	21 34	0 1	10 53	2 19	24 2	0 21	21 8	0 51	18 45	16 57	0 28	0 16	7 23		n.a.
F 23	18 30	11 11	3 0	10 20	1 38	2 38	2 12	24 52	1 13	21 36	0 1	10 52	2 19	24 2	0 21	21 8	0 51	18 45	16 57	0 26	0 17	7 25		n.a.
S 24	18 46	14 2	3 47	10 54	1 31	3 6	2 11	24 54	1 13	21 39	0 1	10 51	2 19	24 2	0 21	21 7	0 51	18 45	16 57	0 23	0 18	7 27		n.a.
S 25	19 2	16 20	4 25	11 28	1 23	3 35	2 11	24 56	1 13	21 42	0 1	10 50	2 19	24 2	0 21	21 7	0 51	18 45	16 56	0 19	0 20	7 28		n.a.
M26	19 17	17 55	4 51	12 3	1 15	4 4	2 11	24 58	1 13	21 44	0 0	10 49	2 20	24 2	0 21	21 7	0 51	18 45	16 56	0 15	0 21	7 30		n.a.
T 27	19 32	18 41	5 4	12 37	1 8	4 33	2 10	24 59	1 13	21 47	0 0	10 48	2 20	24 2	0 21	21 7	0 51	18 45	16 56	0 10	0 22	7 32		n.a.
W28	19 47	18 33	5 2	13 12	1 0	5 1	2 10	25 0	1 13	21 49	0 0	10 47	2 20	24 2	0 21	21 6	0 51	18 45	16 55	0 6	0 23	7 33		n.a.
T 29	20 1	17 30	4 46	13 46	0 52	5 30	2 9	25 1	1 13	21 52	0 0	10 46	2 21	24 3	0 21	21 6	0 51	18 44	16 55	0 3	0 25	7 35		n.a.
F 30	20s15	15n32	4s15	14s21	0n45	5s58	2n 8	25s 2	1s13	21s54	0n 0	10n46	2n21	24s 3	0s21	21s 6	0s51	18s44	16s55	0s 1	0n26	7n37		n.a.

Julian Day Number = 1315204.5, Delta T = 07h37m56s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'40, Lahiri = -19°18'39 Julian Calendar 1 Nov. 1113 BCE == Greg. Calendar 21 Oct. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1113 BCE
geocentric

DECEMBER 1113 BCE (-1112) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 28	29♏58'13	16♌47	11♏25	21♎13	29♐45	7♐40	8♍21	24♐24	0♒59	21°R47	29°R58	28♍52	24♈45	n.a.	S 1
S 2	4 2 25	0♐59'29	0♍15	12°50	22°26	0♑32	7°54	8°24	24°28	1° 1	21♓47	29°D58	28°49	24°51	n.a.	S 2
M 3	4 6 21	2° 0'45	14° 2	14°17	23°39	1°19	8° 8	8°26	24°31	1° 2	21°46	29♍58	28°46	24°58	n.a.	M 3
T 4	4 10 18	3° 2'01	28° 8	15°44	24°52	2° 6	8°23	8°29	24°34	1° 3	21°46	29°R58	28°43	25° 5	n.a.	T 4
W 5	4 14 14	4° 3'16	12♎34	17°11	26° 5	2°53	8°37	8°31	24°38	1° 5	21°46	29°58	28°40	25°11	n.a.	W 5
T 6	4 18 11	5° 4'32	27°17	18°39	27°18	3°41	8°51	8°34	24°41	1° 6	21°46	29°55	28°37	25°18	n.a.	T 6
F 7	4 22 7	6° 5'46	12♏11	20° 8	28°31	4°28	9° 5	8°36	24°44	1° 8	21°45	29°50	28°33	25°25	n.a.	F 7
S 8	4 26 4	7° 7'01	27°10	21°38	29°44	5°15	9°19	8°38	24°48	1° 9	21°45	29°41	28°30	25°31	n.a.	S 8
S 9	4 30 0	8° 8'15	12♐ 4	23° 8	0♏57	6° 2	9°33	8°40	24°51	1°11	21°45	29°31	28°27	25°38	n.a.	S 9
M10	4 33 57	9° 9'28	26°44	24°38	2°10	6°49	9°47	8°42	24°55	1°12	21°45	29°20	28°24	25°45	n.a.	M10
T 11	4 37 54	10°10'40	11♑ 2	26°10	3°24	7°36	10° 1	8°44	24°58	1°14	21°45	29° 9	28°21	25°51	n.a.	T 11
W12	4 41 50	11°11'52	24°54	27°41	4°37	8°23	10°15	8°45	25° 1	1°15	21°45	28°59	28°18	25°58	n.a.	W12
T 13	4 45 47	12°13'02	8♒17	29°14	5°50	9°11	10°30	8°47	25° 5	1°17	21°45	28°52	28°14	26° 5	n.a.	T 13
F 14	4 49 43	13°14'11	21°13	0♐47	7° 3	9°58	10°44	8°49	25° 8	1°19	21°45	28°48	28°11	26°11	n.a.	F 14
S 15	4 53 40	14°15'19	3♓44	2°20	8°17	10°45	10°58	8°50	25°12	1°20	21°45	28°45	28° 8	26°18	n.a.	S 15
S 16	4 57 36	15°16'26	15°56	3°54	9°30	11°32	11°12	8°51	25°15	1°22	21°D45	28°D45	28° 5	26°25	n.a.	S 16
M17	5 1 33	16°17'31	27°55	5°29	10°44	12°19	11°26	8°53	25°19	1°24	21°45	28°R45	28° 2	26°31	n.a.	M17
T 18	5 5 29	17°18'35	9♈44	7° 4	11°57	13° 6	11°40	8°54	25°22	1°25	21°45	28°45	27°58	26°38	n.a.	T 18
W19	5 9 26	18°19'38	21°31	8°39	13°10	13°53	11°54	8°55	25°26	1°27	21°45	28°43	27°55	26°45	n.a.	W19
T 20	5 13 23	19°20'39	3♉20	10°16	14°24	14°40	12° 8	8°56	25°29	1°29	21°45	28°38	27°52	26°51	n.a.	T 20
F 21	5 17 19	20°21'40	15°14	11°53	15°37	15°27	12°22	8°56	25°33	1°31	21°45	28°31	27°49	26°58	n.a.	F 21
S 22	5 21 16	21°22'39	27°18	13°31	16°51	16°14	12°36	8°57	25°36	1°33	21°45	28°20	27°46	27° 5	n.a.	S 22
S 23	5 25 12	22°23'36	9♊33	15° 9	18° 4	17° 1	12°50	8°58	25°40	1°34	21°45	28° 7	27°43	27°11	n.a.	S 23
M24	5 29 9	23°24'33	22° 0	16°48	19°18	17°48	13° 4	8°58	25°43	1°36	21°45	27°53	27°39	27°18	n.a.	M24
T 25	5 33 5	24°25'28	4♋39	18°28	20°31	18°35	13°18	8°59	25°47	1°38	21°45	27°39	27°36	27°25	n.a.	T 25
W26	5 37 2	25°26'21	17°31	20° 8	21°45	19°21	13°32	8°59	25°50	1°40	21°46	27°26	27°33	27°31	n.a.	W26
T 27	5 40 59	26°27'14	0♌34	21°49	22°59	20° 8	13°46	8°59	25°54	1°42	21°46	27°15	27°30	27°38	n.a.	T 27
F 28	5 44 55	27°28'05	13°47	23°31	24°12	20°55	14° 0	8°R59	25°57	1°44	21°46	27° 7	27°27	27°45	n.a.	F 28
S 29	5 48 52	28°28'56	27°11	25°14	25°26	21°42	14°14	8°59	26° 1	1°46	21°46	27° 2	27°24	27°51	n.a.	S 29
S 30	5 52 48	29°29'45	10♍46	26°57	26°40	22°29	14°28	8°59	26° 4	1°48	21°47	27° 0	27°20	27°58	n.a.	S 30
M31	5 56 45	0♑30'32	24♍32	28♐42	27♏53	23♑15	14♐42	8♍59	26♐ 8	1♒50	21♓47	26♍59	27♍17	28♈ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s28	12n44	3s30	14s55	0n37	6s27	2n 7	25s 2	1s12	21s57	0s 0	10n45	2n21	24s 3	0s21	21s 5	0s51	18s44	16s54	0n 1	0n27	7n39		n.a.
S 2	20 41	9 12	2 32	15 28	0 30	6 55	2 6	25 2	1 12	21 59	0 0	10 44	2 21	24 3	0 21	21 5	0 51	18 44	16 54	0 1	0 29	7 40		n.a.
M 3	20 54	5 5	1 24	16 2	0 22	7 23	2 5	25 1	1 12	22 1	0 0	10 43	2 22	24 3	0 21	21 5	0 51	18 44	16 53	0 1	0 30	7 42		n.a.
T 4	21 6	0 36	0 10	16 35	0 15	7 51	2 4	25 1	1 12	22 4	0 0	10 42	2 22	24 3	0 21	21 4	0 51	18 44	16 53	0 1	0 31	7 44		n.a.
W 5	21 18	4s 1	1n 7	17 7	0 7	8 19	2 3	25 0	1 12	22 6	0 1	10 42	2 22	24 3	0 21	21 4	0 51	18 43	16 53	0 1	0 32	7 46		n.a.
T 6	21 29	8 30	2 20	17 39	0s 0	8 47	2 2	24 59	1 12	22 8	0 1	10 41	2 22	24 4	0 21	21 4	0 51	18 43	16 52	0 2	0 34	7 47		n.a.
F 7	21 40	12 30	3 25	18 11	0 7	9 15	2 0	24 57	1 12	22 11	0 1	10 41	2 23	24 4	0 21	21 3	0 51	18 43	16 52	0 4	0 35	7 49		n.a.
S 8	21 51	15 42	4 16	18 41	0 14	9 42	1 59	24 55	1 12	22 13	0 1	10 40	2 23	24 4	0 21	21 3	0 51	18 43	16 52	0 8	0 36	7 51		n.a.
S 9	22 1	17 50	4 49	19 12	0 21	10 10	1 57	24 53	1 12	22 15	0 1	10 39	2 23	24 4	0 21	21 3	0 51	18 42	16 51	0 12	0 38	7 52		n.a.
M10	22 11	18 45	5 2	19 41	0 28	10 37	1 56	24 50	1 12	22 18	0 1	10 39	2 24	24 4	0 21	21 2	0 51	18 42	16 51	0 16	0 39	7 54		n.a.
T 11	22 20	18 26	4 56	20 10	0 34	11 4	1 54	24 48	1 12	22 20	0 1	10 39	2 24	24 4	0 21	21 2	0 51	18 42	16 51	0 21	0 40	7 56		n.a.
W12	22 29	17 2	4 33	20 37	0 41	11 30	1 52	24 45	1 12	22 22	0 1	10 38	2 24	24 4	0 21	21 2	0 51	18 42	16 50	0 25	0 41	7 58		n.a.
T 13	22 37	14 43	3 54	21 4	0 47	11 57	1 50	24 41	1 11	22 24	0 1	10 38	2 24	24 5	0 21	21 1	0 51	18 41	16 50	0 27	0 43	7 59		n.a.
F 14	22 45	11 44	3 5	21 30	0 53	12 23	1 49	24 38	1 11	22 26	0 2	10 37	2 25	24 5	0 21	21 1	0 51	18 41	16 50	0 29	0 44	8 1		n.a.
S 15	22 53	8 18	2 9	21 56	0 59	12 49	1 47	24 34	1 11	22 28	0 2	10 37	2 25	24 5	0 21	21 0	0 51	18 41	16 49	0 30	0 45	8 3		n.a.
S 16	23 0	4 36	1 8	22 20	1 5	13 14	1 45	24 30	1 11	22 31	0 2	10 37	2 25	24 5	0 21	21 0	0 51	18 40	16 49	0 30	0 47	8 4		n.a.
M17	23 6	0 47	0 4	22 43	1 10	13 39	1 43	24 25	1 11	22 33	0 2	10 37	2 26	24 5	0 21	21 0	0 51	18 40	16 48	0 30	0 48	8 6		n.a.
T 18	23 12	3n 2	0s58	23 5	1 16	14 4	1 40	24 20	1 11	22 35	0 2	10 37	2 26	24 5	0 21	20 59	0 51	18 40	16 48	0 30	0 49	8 8		n.a.
W19	23 18	6 42	1 58	23 26	1 21	14 29	1 38	24 15	1 11	22 37	0 2	10 36	2 26	24 5	0 21	20 59	0 51	18 39	16 48	0 31	0 50	8 10		n.a.
T 20	23 23	10 8	2 52	23 45	1 25	14 53	1 36	24 10	1 10	22 39	0 2	10 36	2 26	24 5	0 21	20 58	0 51	18 39	16 47	0 33	0 52	8 11		n.a.
F 21	23 28	13 10	3 40	24 4	1 30	15 17	1 34	24 5	1 10	22 41	0 2	10 36	2 27	24 6	0 21	20 58	0 51	18 39	16 47	0 36	0 53	8 13		n.a.
S 22	23 32	15 41	4 18	24 21	1 34	15 41	1 31	23 59	1 10	22 43	0 2	10 36	2 27	24 6	0 21	20 58	0 51	18 38	16 47	0 40	0 54	8 15		n.a.
S 23	23 36	17 33	4 45	24 37	1 38	16 4	1 29	23 53	1 10	22 45	0 3	10 36	2 27	24 6	0 21	20 57	0 51	18 38	16 46	0 45	0 55	8 16		n.a.
M24	23 39	18 37	4 58	24 51	1 42	16 27	1 27	23 46	1 10	22 47	0 3	10 37	2 28	24 6	0 21	20 57	0 51	18 37	16 46	0 51	0 57	8 18		n.a.
T 25	23 42	18 47	4 58	25 4	1 45	16 49	1 24	23 40	1 9	22 48	0 3	10 37	2 28	24 6	0 21	20 56	0 51	18 37	16 46	0 57	0 58	8 20		n.a.
W26	23 45	18 0	4 42	25 15	1 48	17 11	1 22	23 33	1 9	22 50	0 3	10 37	2 28	24 6	0 21	20 56	0 51	18 37	16 45	1 2	0 59	8 21		n.a.
T 27	23 47	16 16	4 11	25 25	1 51	17 32	1 19	23 25	1 9	22 52	0 3	10 37	2 28	24 6	0 21	20 55	0 51	18 36	16 45	1 7	1 1	8 23		n.a.
F 28	23 48	13 39	3 27	25 33	1 54	17 53	1 17	23 18	1 9	22 54	0 3	10 37	2 29	24 6	0 21	20 55	0 51	18 36	16 44	1 10	1 2	8 25		n.a.
S 29	23 49	10 17	2 31	25 40	1 56	18 14	1 14	23 10	1 9	22 56	0 3	10 38	2 29	24 7	0 21	20 55	0 51	18 35	16 44	1 12	1 3	8 27		n.a.
S 30	23 49	6 21	1 25	25 45	1 57	18 34	1 11	23 2	1 8	22 58	0 3	10 38	2 29	24 7	0 21	20 54	0 51	18 35	16 44	1 13	1 4	8 28		n.a.
M31	23s49	2n 0	0s13	25s48	1s59	18s54	1n 9	22s54	1s 8	22s59	0s 3	10n38	2n30	24s 7	0s21	20s54	0s51	18s34	16s43	1n13	1n 6	8n30		n.a.

Julian Day Number = 1315234.5, Delta T = 07h37m54s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'36, Lahiri = -19°18'35 Julian Calendar 1 Dec. 1113 BCE == Greg. Calendar 20 Nov. 1113 BCE

The year -1112 astronomical counting style corresponds to year 1113 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

JANUARY 1112 BCE (-1111) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 41	1♉31'19	8♎30	0♉27	29♏ 7	24♉ 2	14♐56	8°R58	26♐11	1♒52	21♓47	26°R59	27♍14	28♈11	n.a.	T 1
W 2	6 4 38	2°32'04	22°40	2°13	0♐21	24°49	15°10	8♍58	26°15	1°54	21°48	26♍58	27°11	28°18	n.a.	W 2
T 3	6 8 34	3°32'48	7♏ 0	3°59	1°34	25°35	15°23	8°57	26°18	1°56	21°48	26°55	27° 8	28°25	n.a.	T 3
F 4	6 12 31	4°33'31	21°29	5°46	2°48	26°22	15°37	8°57	26°22	1°58	21°49	26°49	27° 4	28°31	n.a.	F 4
S 5	6 16 28	5°34'13	6♐ 2	7°34	4° 2	27° 9	15°51	8°56	26°25	2° 0	21°49	26°40	27° 1	28°38	n.a.	S 5
S 6	6 20 24	6°34'53	20°33	9°23	5°16	27°55	16° 5	8°55	26°29	2° 2	21°49	26°29	26°58	28°45	n.a.	S 6
M 7	6 24 21	7°35'32	4♉54	11°13	6°29	28°42	16°18	8°54	26°32	2° 4	21°50	26°17	26°55	28°51	n.a.	M 7
T 8	6 28 17	8°36'09	18°59	13° 3	7°43	29°29	16°32	8°53	26°35	2° 6	21°50	26° 5	26°52	28°58	n.a.	T 8
W 9	6 32 14	9°36'44	2♒43	14°53	8°57	0♒15	16°46	8°52	26°39	2° 9	21°51	25°54	26°49	29° 5	n.a.	W 9
T 10	6 36 10	10°37'17	16° 3	16°44	10°11	1° 2	16°59	8°50	26°42	2°11	21°51	25°46	26°45	29°11	n.a.	T 10
F 11	6 40 7	11°37'48	29° 0	18°36	11°25	1°48	17°13	8°49	26°46	2°13	21°52	25°40	26°42	29°18	n.a.	F 11
S 12	6 44 3	12°38'18	11♓33	20°28	12°38	2°34	17°26	8°47	26°49	2°15	21°53	25°38	26°39	29°25	n.a.	S 12
S 13	6 48 0	13°38'45	23°48	22°19	13°52	3°21	17°40	8°46	26°53	2°17	21°53	25°D37	26°36	29°31	n.a.	S 13
M14	6 51 57	14°39'10	5♈49	24°11	15° 6	4° 7	17°53	8°44	26°56	2°19	21°54	25°37	26°33	29°38	n.a.	M14
T 15	6 55 53	15°39'33	17°41	26° 2	16°20	4°53	18° 6	8°42	26°59	2°22	21°54	25°R37	26°30	29°45	n.a.	T 15
W16	6 59 50	16°39'54	29°30	27°53	17°33	5°40	18°20	8°41	27° 3	2°24	21°55	25°36	26°26	29°51	n.a.	W16
T 17	7 3 46	17°40'13	11♉20	29°43	18°47	6°26	18°33	8°39	27° 6	2°26	21°56	25°33	26°23	29°58	n.a.	T 17
F 18	7 7 43	18°40'29	23°18	1♒32	20° 1	7°12	18°46	8°37	27° 9	2°28	21°56	25°28	26°20	0♉ 5	n.a.	F 18
S 19	7 11 39	19°40'44	5♊26	3°19	21°15	7°58	18°59	8°34	27°13	2°30	21°57	25°20	26°17	0°11	n.a.	S 19
S 20	7 15 36	20°40'56	17°49	5° 4	22°29	8°44	19°12	8°32	27°16	2°33	21°58	25°10	26°14	0°18	n.a.	S 20
M21	7 19 32	21°41'06	0♋28	6°46	23°42	9°30	19°25	8°30	27°19	2°35	21°59	24°59	26°10	0°25	n.a.	M21
T 22	7 23 29	22°41'15	13°24	8°26	24°56	10°17	19°38	8°27	27°22	2°37	21°59	24°48	26° 7	0°31	n.a.	T 22
W23	7 27 26	23°41'21	26°36	10° 2	26°10	11° 3	19°51	8°25	27°26	2°39	22° 0	24°37	26° 4	0°38	n.a.	W23
T 24	7 31 22	24°41'25	10♌ 2	11°34	27°24	11°48	20° 4	8°22	27°29	2°42	22° 1	24°28	26° 1	0°45	n.a.	T 24
F 25	7 35 19	25°41'27	23°40	13° 1	28°38	12°34	20°17	8°20	27°32	2°44	22° 2	24°22	25°58	0°51	n.a.	F 25
S 26	7 39 15	26°41'27	7♍28	14°23	29°51	13°20	20°30	8°17	27°35	2°46	22° 3	24°18	25°55	0°58	n.a.	S 26
S 27	7 43 12	27°41'25	21°22	15°40	1♉ 5	14° 6	20°42	8°14	27°38	2°48	22° 4	24°D17	25°51	1° 5	n.a.	S 27
M28	7 47 8	28°41'22	5♎22	16°50	2°19	14°52	20°55	8°11	27°42	2°51	22° 4	24°17	25°48	1°11	n.a.	M28
T 29	7 51 5	29°41'17	19°26	17°53	3°33	15°38	21° 8	8° 8	27°45	2°53	22° 5	24°18	25°45	1°18	n.a.	T 29
W30	7 55 1	0♒41'10	3♏33	18°48	4°47	16°23	21°20	8° 5	27°48	2°55	22° 6	24°R18	25°42	1°25	n.a.	W30
T 31	7 58 58	1♒41'01	17♏42	19♒36	6♉ 0	17♒ 9	21♐32	8♍ 2	27♐51	2♒57	22♓ 7	24♍17	25♍39	1♉31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s49	2s30	1n 1	25s49	2s 0	19s13	1n 6	22s46	1s 8	23s 1	0s 4	10n39	2n30	24s 7	0s21	20s53	0s51	18s34	16s43	1n13	1n 7	8n32		n.a.
W 2	23 48	6 55	2 11	25 48	2 0	19 31	1 3	22 37	1 8	23 3	0 4	10 39	2 30	24 7	0 21	20 53	0 51	18 33	16 43	1 13	1 8	8 33		n.a.
T 3	23 47	11 1	3 15	25 46	2 0	19 49	1 0	22 28	1 7	23 4	0 4	10 40	2 30	24 7	0 21	20 52	0 51	18 33	16 42	1 15	1 10	8 35		n.a.
F 4	23 45	14 28	4 6	25 41	2 0	20 7	0 58	22 19	1 7	23 6	0 4	10 40	2 31	24 7	0 21	20 52	0 51	18 32	16 42	1 17	1 11	8 37		n.a.
S 5	23 42	17 2	4 42	25 35	1 59	20 24	0 55	22 9	1 7	23 8	0 4	10 41	2 31	24 7	0 21	20 51	0 51	18 32	16 42	1 21	1 12	8 38		n.a.
S 6	23 39	18 30	4 59	25 26	1 57	20 40	0 52	22 0	1 6	23 9	0 4	10 41	2 31	24 7	0 21	20 51	0 51	18 31	16 41	1 25	1 13	8 40		n.a.
M 7	23 36	18 47	4 57	25 15	1 55	20 56	0 49	21 50	1 6	23 11	0 4	10 42	2 32	24 8	0 21	20 50	0 51	18 31	16 41	1 30	1 15	8 42		n.a.
T 8	23 32	17 53	4 37	25 2	1 53	21 11	0 46	21 40	1 6	23 12	0 4	10 42	2 32	24 8	0 21	20 50	0 51	18 30	16 41	1 35	1 16	8 43		n.a.
W 9	23 28	15 57	4 2	24 47	1 49	21 26	0 44	21 29	1 6	23 14	0 4	10 43	2 32	24 8	0 21	20 49	0 51	18 30	16 40	1 39	1 17	8 45		n.a.
T 10	23 23	13 12	3 13	24 30	1 46	21 40	0 41	21 19	1 5	23 15	0 5	10 44	2 32	24 8	0 21	20 49	0 51	18 29	16 40	1 43	1 19	8 47		n.a.
F 11	23 18	9 53	2 16	24 11	1 41	21 53	0 38	21 8	1 5	23 17	0 5	10 45	2 33	24 8	0 21	20 48	0 51	18 29	16 40	1 45	1 20	8 48		n.a.
S 12	23 13	6 12	1 14	23 49	1 36	22 6	0 35	20 57	1 5	23 18	0 5	10 46	2 33	24 8	0 21	20 48	0 51	18 28	16 39	1 46	1 21	8 50		n.a.
S 13	23 7	2 21	0 10	23 26	1 30	22 18	0 32	20 46	1 4	23 19	0 5	10 46	2 33	24 8	0 21	20 47	0 51	18 28	16 39	1 46	1 22	8 52		n.a.
M14	23 0	1n31	0s54	23 0	1 24	22 30	0 29	20 34	1 4	23 21	0 5	10 47	2 33	24 8	0 21	20 47	0 51	18 27	16 39	1 46	1 24	8 53		n.a.
T 15	22 53	5 17	1 55	22 32	1 17	22 40	0 26	20 23	1 4	23 22	0 5	10 48	2 34	24 8	0 21	20 46	0 51	18 27	16 38	1 46	1 25	8 55		n.a.
W16	22 46	8 49	2 50	22 3	1 9	22 51	0 23	20 11	1 3	23 23	0 5	10 49	2 34	24 8	0 21	20 46	0 51	18 26	16 38	1 46	1 26	8 57		n.a.
T 17	22 38	12 1	3 38	21 31	1 1	23 0	0 20	19 59	1 3	23 25	0 5	10 50	2 34	24 9	0 21	20 45	0 51	18 26	16 38	1 48	1 28	8 58		n.a.
F 18	22 30	14 45	4 17	20 58	0 51	23 9	0 18	19 47	1 3	23 26	0 6	10 51	2 35	24 9	0 21	20 45	0 51	18 25	16 37	1 50	1 29	9 0		n.a.
S 19	22 21	16 52	4 45	20 24	0 41	23 17	0 15	19 34	1 2	23 27	0 6	10 52	2 35	24 9	0 21	20 44	0 51	18 24	16 37	1 53	1 30	9 2		n.a.
S 20	22 12	18 16	5 1	19 48	0 30	23 25	0 12	19 22	1 2	23 28	0 6	10 53	2 35	24 9	0 21	20 44	0 51	18 24	16 37	1 57	1 31	9 3		n.a.
M21	22 3	18 48	5 2	19 11	0 19	23 31	0 9	19 9	1 2	23 30	0 6	10 54	2 35	24 9	0 21	20 43	0 51	18 23	16 36	2 1	1 33	9 5		n.a.
T 22	21 53	18 22	4 48	18 33	0 7	23 37	0 6	18 56	1 1	23 31	0 6	10 56	2 36	24 9	0 21	20 43	0 51	18 23	16 36	2 6	1 34	9 7		n.a.
W23	21 43	16 57	4 18	17 55	0n 6	23 43	0 3	18 43	1 1	23 32	0 6	10 57	2 36	24 9	0 21	20 42	0 51	18 22	16 36	2 10	1 35	9 8		n.a.
T 24	21 32	14 35	3 34	17 17	0 19	23 47	0 1	18 29	1 0	23 33	0 6	10 58	2 36	24 9	0 21	20 42	0 51	18 21	16 35	2 14	1 37	9 10		n.a.
F 25	21 21	11 24	2 36	16 39	0 33	23 51	0s 2	18 16	1 0	23 34	0 6	10 59	2 36	24 9	0 21	20 41	0 51	18 21	16 35	2 16	1 38	9 12		n.a.
S 26	21 9	7 32	1 29	16 1	0 47	23 54	0 5	18 2	1 0	23 35	0 7	11 0	2 36	24 9	0 21	20 41	0 51	18 20	16 35	2 18	1 39	9 13		n.a.
S 27	20 57	3 14	0 16	15 25	1 2	23 57	0 8	17 48	0 59	23 36	0 7	11 2	2 37	24 9	0 21	20 40	0 51	18 20	16 34	2 18	1 40	9 15		n.a.
M28	20 45	1s16	0n59	14 50	1 17	23 59	0 10	17 34	0 59	23 37	0 7	11 3	2 37	24 9	0 21	20 40	0 51	18 19	16 34	2 18	1 42	9 17		n.a.
T 29	20 33	5 43	2 11	14 16	1 31	24 0	0 13	17 20	0 58	23 38	0 7	11 4	2 37	24 9	0 21	20 39	0 51	18 18	16 34	2 18	1 43	9 18		n.a.
W30	20 20	9 51	3 15	13 45	1 46	24 0	0 16	17 6	0 58	23 39	0 7	11 6	2 37	24 10	0 21	20 39	0 51	18 18	16 34	2 18	1 44	9 20		n.a.
T 31	20s 6	13s26	4n 7	13s16	2n 1	24s 0	0s18	16s51	0s58	23s40	0s 7	11n 7	2n38	24s10	0s21	20s38	0s51	18s17	16s33	2n18	1n45	9n22		n.a.

Julian Day Number = 1315265.5, Delta T = 07h37m53s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'32, Lahiri = -19°18'31 Julian Calendar 1 Jan. 1112 BCE == Greg. Calendar 21 Dec. 1113 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

FEBRUARY 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 2 55	2♒40'50	1♐52	20♒16	7♉14	17♒55	21♐45	7°R59	27♐54	3♒ 0	22♓ 8	24°R14	25♍36	1♉38	n.a.	F 1
S 2	8 6 51	3°40'38	15°59	20°48	8°28	18°40	21°57	7♍55	27°57	3° 2	22° 9	24♍ 8	25°32	1°45	n.a.	S 2
S 3	8 10 48	4°40'23	0♉ 1	21°11	9°42	19°26	22° 9	7°52	28° 0	3° 4	22°10	24° 1	25°29	1°51	n.a.	S 3
M 4	8 14 44	5°40'07	13°54	21°25	10°56	20°11	22°22	7°48	28° 3	3° 7	22°11	23°53	25°26	1°58	n.a.	M 4
T 5	8 18 41	6°39'49	27°34	21°R31	12° 9	20°57	22°34	7°45	28° 6	3° 9	22°12	23°44	25°23	2° 5	n.a.	T 5
W 6	8 22 37	7°39'28	10♒58	21°28	13°23	21°42	22°46	7°41	28° 9	3°11	22°13	23°37	25°20	2°11	n.a.	W 6
T 7	8 26 34	8°39'06	24° 4	21°17	14°37	22°28	22°58	7°38	28°12	3°13	22°14	23°32	25°16	2°18	n.a.	T 7
F 8	8 30 30	9°38'41	6♓51	20°58	15°51	23°13	23° 9	7°34	28°14	3°16	22°15	23°28	25°13	2°25	n.a.	F 8
S 9	8 34 27	10°38'13	19°21	20°32	17° 5	23°58	23°21	7°30	28°17	3°18	22°16	23°D27	25°10	2°31	n.a.	S 9
S 10	8 38 23	11°37'44	1♈34	19°59	18°18	24°44	23°33	7°26	28°20	3°20	22°17	23°27	25° 7	2°38	n.a.	S 10
M11	8 42 20	12°37'11	13°35	19°20	19°32	25°29	23°44	7°22	28°23	3°22	22°18	23°28	25° 4	2°45	n.a.	M11
T 12	8 46 17	13°36'37	25°29	18°36	20°46	26°14	23°56	7°19	28°25	3°25	22°19	23°30	25° 1	2°51	n.a.	T 12
W13	8 50 13	14°36'00	7♉18	17°49	22° 0	26°59	24° 7	7°15	28°28	3°27	22°21	23°31	24°57	2°58	n.a.	W13
T 14	8 54 10	15°35'21	19°10	16°58	23°13	27°44	24°19	7°10	28°31	3°29	22°22	23°R31	24°54	3° 5	n.a.	T 14
F 15	8 58 6	16°34'39	1♊ 8	16° 6	24°27	28°29	24°30	7° 6	28°33	3°31	22°23	23°30	24°51	3°11	n.a.	F 15
S 16	9 2 3	17°33'55	13°19	15°13	25°41	29°14	24°41	7° 2	28°36	3°34	22°24	23°27	24°48	3°18	n.a.	S 16
S 17	9 5 59	18°33'08	25°44	14°20	26°55	29°59	24°52	6°58	28°39	3°36	22°25	23°23	24°45	3°25	n.a.	S 17
M18	9 9 56	19°32'19	8♋29	13°29	28° 8	0♓44	25° 3	6°54	28°41	3°38	22°26	23°18	24°41	3°31	n.a.	M18
T 19	9 13 52	20°31'27	21°35	12°40	29°22	1°29	25°14	6°50	28°44	3°40	22°28	23°12	24°38	3°38	n.a.	T 19
W20	9 17 49	21°30'34	5♌ 1	11°54	0♒36	2°14	25°25	6°45	28°46	3°42	22°29	23° 7	24°35	3°45	n.a.	W20
T 21	9 21 45	22°29'37	18°47	11°13	1°50	2°58	25°35	6°41	28°48	3°45	22°30	23° 3	24°32	3°51	n.a.	T 21
F 22	9 25 42	23°28'39	2♍49	10°36	3° 3	3°43	25°46	6°37	28°51	3°47	22°31	23° 0	24°29	3°58	n.a.	F 22
S 23	9 29 39	24°27'39	17° 3	10° 3	4°17	4°28	25°56	6°32	28°53	3°49	22°32	22°D59	24°26	4° 5	n.a.	S 23
S 24	9 33 35	25°26'36	1♎25	9°36	5°31	5°12	26° 7	6°28	28°55	3°51	22°34	22°59	24°22	4°11	n.a.	S 24
M25	9 37 32	26°25'31	15°50	9°15	6°44	5°57	26°17	6°23	28°58	3°53	22°35	23° 0	24°19	4°18	n.a.	M25
T 26	9 41 28	27°24'25	0♏13	8°58	7°58	6°41	26°27	6°19	29° 0	3°55	22°36	23° 1	24°16	4°25	n.a.	T 26
W27	9 45 25	28°23'17	14°31	8°48	9°12	7°26	26°37	6°14	29° 2	3°57	22°37	23° 3	24°13	4°32	n.a.	W27
T 28	9 49 21	29♒22'06	28♏42	8°D43	10♒26	8♓10	26♐47	6♍10	29♐ 4	4♒ 0	22♓39	23°R 3	24♍10	4♉38	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s53	16s14	4n44	12s49	2n15	23s58	0s21	16s37	0s57	23s41	0s 7	11n 9	2n38	24s10	0s21	20s38	0s51	18s16	16s33	2n20	1n47	9n23		n.a.
S 2	19 39	18 2	5 4	12 26	2 29	23 57	0 24	16 22	0 57	23 42	0 7	11 10	2 38	24 10	0 21	20 37	0 51	18 16	16 33	2 22	1 48	9 25		n.a.
S 3	19 24	18 44	5 5	12 6	2 43	23 54	0 26	16 7	0 56	23 43	0 8	11 12	2 38	24 10	0 21	20 37	0 51	18 15	16 32	2 25	1 49	9 27		n.a.
M 4	19 9	18 18	4 49	11 50	2 55	23 51	0 29	15 52	0 56	23 44	0 8	11 13	2 38	24 10	0 21	20 36	0 51	18 15	16 32	2 28	1 51	9 28		n.a.
T 5	18 54	16 48	4 16	11 37	3 7	23 47	0 31	15 37	0 55	23 44	0 8	11 15	2 39	24 10	0 21	20 35	0 51	18 14	16 32	2 31	1 52	9 30		n.a.
W 6	18 39	14 25	3 29	11 28	3 17	23 42	0 34	15 22	0 55	23 45	0 8	11 16	2 39	24 10	0 21	20 35	0 51	18 13	16 32	2 34	1 53	9 32		n.a.
T 7	18 23	11 19	2 32	11 23	3 27	23 36	0 36	15 6	0 55	23 46	0 8	11 18	2 39	24 10	0 21	20 34	0 51	18 13	16 31	2 37	1 54	9 33		n.a.
F 8	18 7	7 46	1 29	11 21	3 35	23 30	0 38	14 51	0 54	23 47	0 8	11 19	2 39	24 10	0 21	20 34	0 51	18 12	16 31	2 38	1 56	9 35		n.a.
S 9	17 51	3 57	0 22	11 24	3 41	23 23	0 41	14 35	0 54	23 48	0 8	11 21	2 39	24 10	0 21	20 33	0 51	18 11	16 31	2 39	1 57	9 37		n.a.
S 10	17 34	0 2	0s44	11 30	3 45	23 16	0 43	14 19	0 53	23 48	0 8	11 23	2 39	24 10	0 21	20 33	0 51	18 11	16 31	2 39	1 58	9 38		n.a.
M11	17 18	3n48	1 47	11 39	3 48	23 7	0 45	14 4	0 53	23 49	0 9	11 24	2 40	24 10	0 21	20 32	0 51	18 10	16 30	2 38	2 0	9 40		n.a.
T 12	17 0	7 27	2 45	11 52	3 49	22 58	0 47	13 48	0 52	23 50	0 9	11 26	2 40	24 10	0 21	20 32	0 51	18 9	16 30	2 37	2 1	9 42		n.a.
W13	16 43	10 46	3 36	12 8	3 48	22 49	0 49	13 31	0 52	23 50	0 9	11 27	2 40	24 10	0 21	20 31	0 51	18 9	16 30	2 37	2 2	9 43		n.a.
T 14	16 25	13 40	4 18	12 26	3 45	22 38	0 52	13 15	0 51	23 51	0 9	11 29	2 40	24 10	0 21	20 31	0 51	18 8	16 30	2 37	2 3	9 45		n.a.
F 15	16 7	16 1	4 48	12 46	3 40	22 27	0 54	12 59	0 51	23 52	0 9	11 31	2 40	24 10	0 21	20 30	0 51	18 7	16 30	2 37	2 5	9 46		n.a.
S 16	15 49	17 41	5 7	13 8	3 34	22 16	0 56	12 43	0 50	23 52	0 9	11 33	2 40	24 11	0 21	20 30	0 51	18 7	16 29	2 38	2 6	9 48		n.a.
S 17	15 31	18 34	5 11	13 31	3 26	22 3	0 58	12 26	0 50	23 53	0 9	11 34	2 41	24 11	0 22	20 29	0 51	18 6	16 29	2 40	2 7	9 50		n.a.
M18	15 12	18 33	5 1	13 55	3 16	21 50	0 59	12 10	0 49	23 53	0 10	11 36	2 41	24 11	0 22	20 29	0 51	18 5	16 29	2 42	2 9	9 51		n.a.
T 19	14 53	17 33	4 35	14 19	3 5	21 37	1 1	11 53	0 49	23 54	0 10	11 38	2 41	24 11	0 22	20 28	0 51	18 5	16 29	2 44	2 10	9 53		n.a.
W20	14 34	15 33	3 53	14 44	2 53	21 22	1 3	11 36	0 48	23 54	0 10	11 39	2 41	24 11	0 22	20 28	0 51	18 4	16 29	2 46	2 11	9 55		n.a.
T 21	14 14	12 39	2 56	15 8	2 40	21 7	1 5	11 19	0 48	23 55	0 10	11 41	2 41	24 11	0 22	20 27	0 51	18 3	16 28	2 48	2 12	9 56		n.a.
F 22	13 55	8 57	1 48	15 31	2 26	20 52	1 6	11 2	0 47	23 55	0 10	11 43	2 41	24 11	0 22	20 27	0 51	18 3	16 28	2 49	2 14	9 58		n.a.
S 23	13 35	4 42	0 32	15 54	2 12	20 36	1 8	10 45	0 47	23 56	0 10	11 45	2 41	24 11	0 22	20 26	0 51	18 2	16 28	2 50	2 15	9 59		n.a.
S 24	13 15	0 8	0n46	16 16	1 57	20 19	1 10	10 28	0 46	23 56	0 10	11 46	2 41	24 11	0 22	20 26	0 51	18 1	16 28	2 50	2 16	10 1		n.a.
M25	12 54	4s27	2 2	16 36	1 42	20 2	1 11	10 11	0 46	23 57	0 11	11 48	2 41	24 11	0 22	20 25	0 51	18 1	16 28	2 49	2 17	10 3		n.a.
T 26	12 34	8 45	3 11	16 55	1 26	19 44	1 12	9 54	0 45	23 57	0 11	11 50	2 42	24 11	0 22	20 25	0 51	18 0	16 27	2 49	2 19	10 4		n.a.
W27	12 13	12 32	4 7	17 12	1 11	19 26	1 14	9 37	0 45	23 58	0 11	11 52	2 42	24 11	0 22	20 24	0 51	17 59	16 27	2 48	2 20	10 6		n.a.
T 28	11s53	15s32	4n47	17s28	0n56	19s 7	1s15	9s20	0s44	23s58	0s11	11n54	2n42	24s11	0s22	20s24	0s51	17s59	16s27	2n48	2n21	10n 8		n.a.

Julian Day Number = 1315296.5, Delta T = 07h37m51s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'27, Lahiri = -19°18'27 Julian Calendar 1 Feb. 1112 BCE == Greg. Calendar 21 Jan. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

MARCH 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 53 18	0♓20'54	12♐44	8♒44	11♒39	8♓54	26♐57	6°R 5	29♐ 6	4♒ 2	22♓40	23°R 3	24♍ 7	4♉45	n.a.	F 1
S 2	9 57 14	1°19'41	26°35	8°49	12°53	9°39	27° 7	6♍ 1	29° 8	4° 4	22°41	23♍ 1	24° 3	4°52	n.a.	S 2
S 3	10 1 11	2°18'25	10♑15	9° 0	14° 7	10°23	27°16	5°56	29°11	4° 6	22°43	22°59	24° 0	4°58	n.a.	S 3
M 4	10 5 8	3°17'08	23°41	9°17	15°20	11° 7	27°26	5°52	29°12	4° 8	22°44	22°56	23°57	5° 5	n.a.	M 4
T 5	10 9 4	4°15'48	6♒55	9°37	16°34	11°51	27°35	5°47	29°14	4°10	22°45	22°53	23°54	5°12	n.a.	T 5
W 6	10 13 1	5°14'27	19°54	10° 3	17°48	12°35	27°44	5°43	29°16	4°12	22°46	22°51	23°51	5°18	n.a.	W 6
T 7	10 16 57	6°13'03	2♓40	10°33	19° 1	13°19	27°53	5°38	29°18	4°14	22°48	22°49	23°47	5°25	n.a.	T 7
F 8	10 20 54	7°11'38	15°11	11° 7	20°15	14° 3	28° 2	5°33	29°20	4°16	22°49	22°48	23°44	5°32	n.a.	F 8
S 9	10 24 50	8°10'10	27°30	11°45	21°29	14°47	28°11	5°29	29°22	4°18	22°50	22°D48	23°41	5°38	n.a.	S 9
S 10	10 28 47	9° 8'40	9♈37	12°26	22°42	15°31	28°20	5°24	29°24	4°20	22°52	22°49	23°38	5°45	n.a.	S 10
M11	10 32 43	10° 7'08	21°35	13°12	23°56	16°15	28°29	5°20	29°25	4°22	22°53	22°50	23°35	5°52	n.a.	M11
T 12	10 36 40	11° 5'34	3♉28	14° 1	25°10	16°59	28°37	5°15	29°27	4°24	22°55	22°51	23°32	5°58	n.a.	T 12
W13	10 40 36	12° 3'58	15°18	14°53	26°23	17°42	28°45	5°11	29°28	4°26	22°56	22°52	23°28	6° 5	n.a.	W13
T 14	10 44 33	13° 2'19	27° 9	15°48	27°37	18°26	28°54	5° 6	29°30	4°27	22°57	22°53	23°25	6°12	n.a.	T 14
F 15	10 48 30	14° 0'39	9♊ 7	16°46	28°51	19°10	29° 2	5° 2	29°31	4°29	22°59	22°R53	23°22	6°18	n.a.	F 15
S 16	10 52 26	14°58'56	21°16	17°47	0♓ 4	19°53	29°10	4°57	29°33	4°31	23° 0	22°53	23°19	6°25	n.a.	S 16
S 17	10 56 23	15°57'11	3♋41	18°51	1°18	20°37	29°17	4°53	29°34	4°33	23° 1	22°53	23°16	6°32	n.a.	S 17
M18	11 0 19	16°55'23	16°25	19°58	2°32	21°20	29°25	4°48	29°36	4°35	23° 3	22°52	23°12	6°38	n.a.	M18
T 19	11 4 16	17°53'34	29°31	21° 7	3°45	22° 4	29°33	4°44	29°37	4°37	23° 4	22°52	23° 9	6°45	n.a.	T 19
W20	11 8 12	18°51'42	13♌ 2	22°18	4°59	22°47	29°40	4°40	29°38	4°38	23° 5	22°51	23° 6	6°52	n.a.	W20
T 21	11 12 9	19°49'49	26°57	23°32	6°13	23°30	29°47	4°35	29°40	4°40	23° 7	22°51	23° 3	6°58	n.a.	T 21
F 22	11 16 5	20°47'53	11♍15	24°49	7°26	24°14	29°54	4°31	29°41	4°42	23° 8	22°51	23° 0	7° 5	n.a.	F 22
S 23	11 20 2	21°45'55	25°50	26° 7	8°40	24°57	0♑ 1	4°27	29°42	4°44	23°10	22°D51	22°57	7°12	n.a.	S 23
S 24	11 23 58	22°43'56	10♎37	27°28	9°53	25°40	0° 8	4°23	29°43	4°45	23°11	22°R51	22°53	7°19	n.a.	S 24
M25	11 27 55	23°41'55	25°28	28°51	11° 7	26°23	0°15	4°18	29°44	4°47	23°12	22°50	22°50	7°25	n.a.	M25
T 26	11 31 52	24°39'52	10♏16	0♓16	12°21	27° 6	0°21	4°14	29°45	4°48	23°14	22°50	22°47	7°32	n.a.	T 26
W27	11 35 48	25°37'48	24°55	1°43	13°34	27°49	0°28	4°10	29°46	4°50	23°15	22°50	22°44	7°39	n.a.	W27
T 28	11 39 45	26°35'43	9♐18	3°12	14°48	28°32	0°34	4° 6	29°47	4°52	23°16	22°50	22°41	7°45	n.a.	T 28
F 29	11 43 41	27°33'36	23°25	4°43	16° 1	29°15	0°40	4° 2	29°48	4°53	23°18	22°D50	22°38	7°52	n.a.	F 29
S 30	11 47 38	28°31'28	7♑11	6°16	17°15	29°58	0°46	3°58	29°48	4°55	23°19	22°50	22°34	7°59	n.a.	S 30
S 31	11 51 34	29♓29'18	20♑39	7♓52	18♓29	0♈41	0♑52	3♍54	29♐49	4♒56	23♓21	22♍50	22♍31	8♉ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s32	17s34	5n10	17s42	0n42	18s47	1s16	9s 2	0s44	23s58	0s11	11n55	2n42	24s11	0s22	20s23	0s51	17s58	16s27	2n48	2n23	10n 9		n.a.
S 2	11 10	18 33	5 14	17 54	0 27	18 27	1 18	8 45	0 43	23 59	0 11	11 57	2 42	24 11	0 22	20 23	0 51	17 58	16 27	2 49	2 24	10 11		n.a.
S 3	10 49	18 25	5 1	18 5	0 13	18 7	1 19	8 27	0 43	23 59	0 11	11 59	2 42	24 11	0 22	20 22	0 51	17 57	16 27	2 50	2 25	10 12		n.a.
M 4	10 28	17 16	4 31	18 14	0s 0	17 46	1 20	8 10	0 42	24 0	0 12	12 1	2 42	24 11	0 22	20 22	0 51	17 56	16 27	2 51	2 26	10 14		n.a.
T 5	10 6	15 11	3 47	18 21	0 14	17 24	1 21	7 52	0 42	24 0	0 12	12 2	2 42	24 11	0 22	20 21	0 51	17 56	16 26	2 52	2 28	10 16		n.a.
W 6	9 44	12 22	2 52	18 26	0 26	17 2	1 22	7 35	0 41	24 0	0 12	12 4	2 42	24 11	0 22	20 21	0 51	17 55	16 26	2 53	2 29	10 17		n.a.
T 7	9 22	9 0	1 49	18 29	0 38	16 40	1 23	7 17	0 41	24 1	0 12	12 6	2 42	24 11	0 22	20 20	0 51	17 54	16 26	2 54	2 30	10 19		n.a.
F 8	9 0	5 17	0 42	18 31	0 50	16 17	1 23	6 59	0 40	24 1	0 12	12 8	2 42	24 11	0 22	20 20	0 51	17 54	16 26	2 54	2 32	10 20		n.a.
S 9	8 38	1 24	0s26	18 31	1 1	15 54	1 24	6 42	0 40	24 1	0 12	12 9	2 42	24 11	0 22	20 20	0 52	17 53	16 26	2 54	2 33	10 22		n.a.
S 10	8 16	2n28	1 32	18 29	1 11	15 30	1 25	6 24	0 39	24 1	0 13	12 11	2 42	24 11	0 22	20 19	0 52	17 52	16 26	2 54	2 34	10 24		n.a.
M11	7 54	6 11	2 33	18 25	1 21	15 6	1 25	6 6	0 39	24 2	0 13	12 13	2 42	24 11	0 22	20 19	0 52	17 52	16 26	2 53	2 35	10 25		n.a.
T 12	7 31	9 38	3 27	18 20	1 30	14 41	1 26	5 48	0 38	24 2	0 13	12 15	2 42	24 11	0 22	20 18	0 52	17 51	16 26	2 53	2 37	10 27		n.a.
W13	7 9	12 40	4 12	18 12	1 39	14 16	1 26	5 30	0 38	24 2	0 13	12 16	2 42	24 12	0 22	20 18	0 52	17 51	16 26	2 53	2 38	10 28		n.a.
T 14	6 46	15 12	4 46	18 3	1 47	13 51	1 27	5 13	0 37	24 2	0 13	12 18	2 42	24 12	0 22	20 17	0 52	17 50	16 26	2 52	2 39	10 30		n.a.
F 15	6 23	17 6	5 8	17 52	1 54	13 25	1 27	4 55	0 36	24 3	0 13	12 20	2 42	24 12	0 22	20 17	0 52	17 49	16 26	2 52	2 40	10 32		n.a.
S 16	6 0	18 15	5 17	17 40	2 1	12 59	1 27	4 37	0 36	24 3	0 14	12 21	2 42	24 12	0 22	20 17	0 52	17 49	16 25	2 52	2 42	10 33		n.a.
S 17	5 38	18 35	5 12	17 25	2 7	12 33	1 28	4 19	0 35	24 3	0 14	12 23	2 42	24 12	0 22	20 16	0 52	17 48	16 25	2 52	2 43	10 35		n.a.
M18	5 15	17 59	4 51	17 9	2 13	12 6	1 28	4 1	0 35	24 3	0 14	12 25	2 42	24 12	0 22	20 16	0 52	17 47	16 25	2 52	2 44	10 36		n.a.
T 19	4 52	16 26	4 15	16 52	2 18	11 39	1 28	3 43	0 34	24 3	0 14	12 26	2 42	24 12	0 22	20 15	0 52	17 47	16 25	2 53	2 46	10 38		n.a.
W20	4 29	13 55	3 24	16 32	2 22	11 12	1 28	3 25	0 34	24 4	0 14	12 28	2 42	24 12	0 22	20 15	0 52	17 46	16 25	2 53	2 47	10 40		n.a.
T 21	4 5	10 33	2 19	16 11	2 26	10 44	1 28	3 7	0 33	24 4	0 14	12 29	2 42	24 12	0 22	20 15	0 52	17 46	16 25	2 53	2 48	10 41		n.a.
F 22	3 42	6 29	1 4	15 48	2 29	10 16	1 28	2 50	0 33	24 4	0 15	12 31	2 42	24 12	0 22	20 14	0 52	17 45	16 25	2 53	2 49	10 43		n.a.
S 23	3 19	1 56	0n17	15 23	2 32	9 48	1 28	2 32	0 32	24 4	0 15	12 32	2 42	24 12	0 22	20 14	0 52	17 44	16 25	2 53	2 51	10 44		n.a.
S 24	2 56	2s47	1 37	14 57	2 34	9 20	1 27	2 14	0 31	24 4	0 15	12 34	2 42	24 12	0 22	20 13	0 52	17 44	16 25	2 53	2 52	10 46		n.a.
M25	2 32	7 21	2 52	14 29	2 35	8 51	1 27	1 56	0 31	24 5	0 15	12 35	2 42	24 12	0 22	20 13	0 52	17 43	16 25	2 53	2 53	10 48		n.a.
T 26	2 9	11 26	3 54	13 59	2 36	8 22	1 27	1 38	0 30	24 5	0 15	12 37	2 42	24 12	0 22	20 13	0 52	17 43	16 25	2 53	2 54	10 49		n.a.
W27	1 46	14 46	4 41	13 28	2 36	7 53	1 26	1 20	0 30	24 5	0 15	12 38	2 42	24 12	0 22	20 12	0 52	17 42	16 25	2 53	2 56	10 51		n.a.
T 28	1 22	17 7	5 9	12 55	2 36	7 24	1 26	1 2	0 29	24 5	0 16	12 40	2 42	24 12	0 22	20 12	0 52	17 42	16 25	2 53	2 57	10 52		n.a.
F 29	0 59	18 22	5 17	12 20	2 35	6 54	1 25	0 44	0 29	24 5	0 16	12 41	2 42	24 12	0 23	20 12	0 52	17 41	16 25	2 53	2 58	10 54		n.a.
S 30	0 36	18 30	5 8	11 44	2 34	6 25	1 25	0 26	0 28	24 5	0 16	12 43	2 41	24 12	0 23	20 11	0 52	17 41	16 25	2 53	3 0	10 55		n.a.
S 31	0s12	17s35	4n41	11s 6	2s32	5s55	1s24	0s 9	0s27	24s 5	0s16	12n44	2n41	24s12	0s23	20s11	0s52	17s40	16s25	2n53	3n 1	10n57		n.a.

Julian Day Number = 1315324.5, Delta T = 07h37m50s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'24, Lahiri = -19°18'23 Julian Calendar 1 March 1112 BCE == Greg. Calendar 18 Feb. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

APRIL 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 55 31	0♈27'07	3♒49	9♓29	19♓42	1♈23	0♉57	3°R50	29♐50	4♒58	23♓22	22♍51	22♍28	8♉12	n.a.	M 1
T 2	11 59 27	1°24'55	16°42	11° 8	20°56	2° 6	1° 2	3♍47	29°50	4°59	23°23	22°52	22°25	8°19	n.a.	T 2
W 3	12 3 24	2°22'41	29°21	12°49	22° 9	2°49	1° 8	3°43	29°51	5° 1	23°25	22°52	22°22	8°25	n.a.	W 3
T 4	12 7 21	3°20'26	11♓47	14°32	23°23	3°31	1°13	3°39	29°52	5° 2	23°26	22°53	22°18	8°32	n.a.	T 4
F 5	12 11 17	4°18'09	24° 2	16°18	24°37	4°14	1°18	3°36	29°52	5° 3	23°27	22°R53	22°15	8°39	n.a.	F 5
S 6	12 15 14	5°15'51	6♈ 8	18° 5	25°50	4°56	1°22	3°32	29°53	5° 5	23°29	22°53	22°12	8°45	n.a.	S 6
S 7	12 19 10	6°13'31	18° 7	19°54	27° 4	5°39	1°27	3°28	29°53	5° 6	23°30	22°52	22° 9	8°52	n.a.	S 7
M 8	12 23 7	7°11'10	0♉ 0	21°45	28°17	6°21	1°31	3°25	29°53	5° 7	23°31	22°50	22° 6	8°59	n.a.	M 8
T 9	12 27 3	8° 8'47	11°51	23°38	29°31	7° 4	1°36	3°22	29°54	5° 9	23°33	22°48	22° 3	9° 6	n.a.	T 9
W10	12 31 0	9° 6'23	23°41	25°33	0♈45	7°46	1°40	3°18	29°54	5°10	23°34	22°45	21°59	9°12	n.a.	W10
T 11	12 34 56	10° 3'57	5♊33	27°30	1°58	8°28	1°43	3°15	29°54	5°11	23°35	22°43	21°56	9°19	n.a.	T 11
F 12	12 38 53	11° 1'30	17°31	29°29	3°12	9°10	1°47	3°12	29°54	5°12	23°37	22°41	21°53	9°26	n.a.	F 12
S 13	12 42 49	11°59'02	29°39	1♈29	4°25	9°52	1°51	3° 9	29°54	5°13	23°38	22°40	21°50	9°32	n.a.	S 13
S 14	12 46 46	12°56'31	12♋ 1	3°32	5°39	10°35	1°54	3° 6	29°54	5°15	23°39	22°D39	21°47	9°39	n.a.	S 14
M15	12 50 43	13°53'59	24°41	5°36	6°53	11°17	1°57	3° 3	29°R54	5°16	23°41	22°39	21°44	9°46	n.a.	M15
T 16	12 54 39	14°51'26	7♌43	7°42	8° 6	11°59	2° 0	3° 0	29°54	5°17	23°42	22°41	21°40	9°52	n.a.	T 16
W17	12 58 36	15°48'51	21°10	9°49	9°20	12°41	2° 3	2°58	29°54	5°18	23°43	22°42	21°37	9°59	n.a.	W17
T 18	13 2 32	16°46'15	5♍ 4	11°57	10°33	13°22	2° 6	2°55	29°54	5°19	23°45	22°43	21°34	10° 6	n.a.	T 18
F 19	13 6 29	17°43'37	19°24	14° 7	11°47	14° 4	2° 8	2°52	29°54	5°20	23°46	22°R44	21°31	10°12	n.a.	F 19
S 20	13 10 25	18°40'58	4♎ 7	16°17	13° 0	14°46	2°10	2°50	29°54	5°21	23°47	22°44	21°28	10°19	n.a.	S 20
S 21	13 14 22	19°38'18	19° 8	18°28	14°14	15°28	2°12	2°47	29°53	5°22	23°48	22°42	21°24	10°26	n.a.	S 21
M22	13 18 18	20°35'37	4♏18	20°39	15°28	16°10	2°14	2°45	29°53	5°23	23°50	22°39	21°21	10°32	n.a.	M22
T 23	13 22 15	21°32'55	19°27	22°51	16°41	16°51	2°16	2°43	29°53	5°23	23°51	22°36	21°18	10°39	n.a.	T 23
W24	13 26 12	22°30'12	4♐26	25° 2	17°55	17°33	2°17	2°41	29°52	5°24	23°52	22°32	21°15	10°46	n.a.	W24
T 25	13 30 8	23°27'28	19° 7	27°14	19° 8	18°14	2°19	2°39	29°52	5°25	23°53	22°28	21°12	10°53	n.a.	T 25
F 26	13 34 5	24°24'44	3♑24	29°24	20°22	18°56	2°20	2°37	29°51	5°26	23°55	22°25	21° 9	10°59	n.a.	F 26
S 27	13 38 1	25°21'59	17°16	1♉33	21°36	19°37	2°21	2°35	29°51	5°27	23°56	22°24	21° 5	11° 6	n.a.	S 27
S 28	13 41 58	26°19'14	0♒42	3°42	22°49	20°19	2°22	2°33	29°50	5°27	23°57	22°D23	21° 2	11°13	n.a.	S 28
M29	13 45 54	27°16'28	13°45	5°49	24° 3	21° 0	2°22	2°31	29°49	5°28	23°58	22°24	20°59	11°19	n.a.	M29
T 30	13 49 51	28♈13'42	26♒27	7♉54	25♈16	21♈42	2♑22	2♍30	29♐49	5♒29	23♓59	22♍26	20♍56	11♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n11	15s43	4n 0	10s26	2s29	5s25	1s23	0n 9	0s27	24s 6	0s16	12n45	2n41	24s12	0s23	20s11	0s52	17s39	16s25	2n53	3n 2	10n59		n.a.
T 2	0 34	13 6	3 8	9 45	2 26	4 55	1 22	0 27	0 26	24 6	0 17	12 47	2 41	24 12	0 23	20 10	0 52	17 39	16 25	2 53	3 3	11 0		n.a.
W 3	0 58	9 54	2 7	9 2	2 22	4 24	1 22	0 45	0 26	24 6	0 17	12 48	2 41	24 12	0 23	20 10	0 52	17 38	16 25	2 52	3 5	11 2		n.a.
T 4	1 21	6 19	1 1	8 18	2 18	3 54	1 21	1 2	0 25	24 6	0 17	12 49	2 41	24 12	0 23	20 10	0 52	17 38	16 25	2 52	3 6	11 3		n.a.
F 5	1 44	2 30	0s 6	7 32	2 13	3 23	1 20	1 20	0 24	24 6	0 17	12 50	2 41	24 12	0 23	20 9	0 52	17 37	16 25	2 52	3 7	11 5		n.a.
S 6	2 7	1n22	1 13	6 44	2 8	2 53	1 19	1 38	0 24	24 6	0 17	12 52	2 41	24 12	0 23	20 9	0 52	17 37	16 25	2 52	3 9	11 6		n.a.
S 7	2 31	5 8	2 15	5 55	2 2	2 22	1 18	1 55	0 23	24 6	0 17	12 53	2 41	24 12	0 23	20 9	0 52	17 36	16 25	2 53	3 10	11 8		n.a.
M 8	2 54	8 40	3 11	5 5	1 55	1 51	1 16	2 13	0 23	24 7	0 18	12 54	2 40	24 12	0 23	20 8	0 52	17 36	16 25	2 53	3 11	11 10		n.a.
T 9	3 17	11 51	3 59	4 13	1 48	1 21	1 15	2 30	0 22	24 7	0 18	12 55	2 40	24 12	0 23	20 8	0 53	17 35	16 25	2 54	3 12	11 11		n.a.
W10	3 40	14 32	4 36	3 20	1 41	0 50	1 14	2 48	0 22	24 7	0 18	12 56	2 40	24 12	0 23	20 8	0 53	17 35	16 26	2 55	3 14	11 13		n.a.
T 11	4 3	16 38	5 2	2 25	1 33	0 19	1 13	3 5	0 21	24 7	0 18	12 57	2 40	24 12	0 23	20 8	0 53	17 34	16 26	2 56	3 15	11 14		n.a.
F 12	4 26	18 1	5 14	1 30	1 24	0n12	1 11	3 23	0 20	24 7	0 18	12 58	2 40	24 12	0 23	20 7	0 53	17 34	16 26	2 57	3 16	11 16		n.a.
S 13	4 49	18 36	5 13	0 33	1 16	0 43	1 10	3 40	0 20	24 7	0 19	12 59	2 40	24 12	0 23	20 7	0 53	17 34	16 26	2 57	3 17	11 17		n.a.
S 14	5 11	18 20	4 58	0n25	1 6	1 14	1 8	3 58	0 19	24 7	0 19	13 0	2 40	24 12	0 23	20 7	0 53	17 33	16 26	2 58	3 19	11 19		n.a.
M15	5 34	17 9	4 28	1 24	0 57	1 45	1 7	4 15	0 19	24 8	0 19	13 1	2 39	24 12	0 23	20 7	0 53	17 33	16 26	2 58	3 20	11 21		n.a.
T 16	5 57	15 2	3 43	2 23	0 47	2 16	1 5	4 32	0 18	24 8	0 19	13 2	2 39	24 12	0 23	20 6	0 53	17 32	16 26	2 57	3 21	11 22		n.a.
W17	6 19	12 4	2 45	3 23	0 37	2 47	1 4	4 49	0 17	24 8	0 19	13 3	2 39	24 13	0 23	20 6	0 53	17 32	16 26	2 57	3 23	11 24		n.a.
T 18	6 42	8 19	1 36	4 24	0 26	3 18	1 2	5 6	0 17	24 8	0 20	13 4	2 39	24 13	0 23	20 6	0 53	17 31	16 26	2 56	3 24	11 25		n.a.
F 19	7 4	3 59	0 18	5 24	0 16	3 48	1 0	5 23	0 16	24 8	0 20	13 5	2 39	24 13	0 23	20 6	0 53	17 31	16 26	2 56	3 25	11 27		n.a.
S 20	7 26	0s43	1n 2	6 25	0 5	4 19	0 59	5 40	0 16	24 8	0 20	13 5	2 39	24 13	0 23	20 6	0 53	17 31	16 27	2 56	3 26	11 28		n.a.
S 21	7 48	5 27	2 20	7 26	0n 5	4 50	0 57	5 57	0 15	24 9	0 20	13 6	2 38	24 13	0 23	20 5	0 53	17 30	16 27	2 56	3 28	11 30		n.a.
M22	8 10	9 53	3 29	8 26	0 16	5 20	0 55	6 14	0 14	24 9	0 20	13 7	2 38	24 13	0 23	20 5	0 53	17 30	16 27	2 58	3 29	11 31		n.a.
T 23	8 32	13 40	4 22	9 26	0 26	5 51	0 53	6 31	0 14	24 9	0 21	13 7	2 38	24 13	0 23	20 5	0 53	17 29	16 27	2 59	3 30	11 33		n.a.
W24	8 54	16 30	4 58	10 24	0 36	6 21	0 51	6 48	0 13	24 9	0 21	13 8	2 38	24 13	0 23	20 5	0 53	17 29	16 27	3 1	3 31	11 34		n.a.
T 25	9 15	18 11	5 12	11 22	0 46	6 51	0 49	7 4	0 13	24 9	0 21	13 9	2 38	24 13	0 23	20 5	0 53	17 29	16 27	3 2	3 33	11 36		n.a.
F 26	9 37	18 40	5 7	12 18	0 56	7 21	0 48	7 21	0 12	24 10	0 21	13 9	2 38	24 13	0 23	20 5	0 53	17 28	16 27	3 3	3 34	11 38		n.a.
S 27	9 58	18 0	4 44	13 13	1 5	7 51	0 46	7 37	0 11	24 10	0 22	13 10	2 37	24 13	0 23	20 4	0 53	17 28	16 28	3 4	3 35	11 39		n.a.
S 28	10 19	16 19	4 6	14 6	1 14	8 20	0 43	7 54	0 11	24 10	0 22	13 10	2 37	24 13	0 23	20 4	0 53	17 28	16 28	3 4	3 37	11 41		n.a.
M29	10 40	13 51	3 16	14 57	1 22	8 50	0 41	8 10	0 10	24 10	0 22	13 11	2 37	24 13	0 23	20 4	0 53	17 27	16 28	3 4	3 38	11 42		n.a.
T 30	11n 1	10s45	2n17	15n47	1n30	9n19	0s39	8n26	0s10	24s10	0s22	13n11	2n37	24s13	0s23	20s 4	0s53	17s27	16s28	3n 3	3n39	11n44		n.a.

Julian Day Number = 1315355.5, Delta T = 07h37m48s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'19, Lahiri = -19°18'19 Julian Calendar 1 Apr. 1112 BCE == Greg. Calendar 21 March 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

MAY 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 53 47	29♈10'54	8♓52	9♉58	26♈30	22♈23	2°R23	2°R28	29°R48	5♒29	24♓ 1	22♍27	20♍53	11♉33	n.a.	W 1
T 2	13 57 44	0♉ 8'07	21° 5	11°59	27°44	23° 4	2♋23	2♍27	29♐47	5°30	24° 2	22°R28	20°49	11°39	n.a.	T 2
F 3	14 1 41	1° 5'19	3♈ 8	13°59	28°57	23°45	2°22	2°25	29°46	5°30	24° 3	22°27	20°46	11°46	n.a.	F 3
S 4	14 5 37	2° 2'30	15° 4	15°57	0♉11	24°26	2°22	2°24	29°45	5°31	24° 4	22°25	20°43	11°53	n.a.	S 4
S 5	14 9 34	2°59'41	26°57	17°52	1°24	25° 8	2°21	2°23	29°44	5°31	24° 5	22°21	20°40	11°59	n.a.	S 5
M 6	14 13 30	3°56'51	8♉47	19°45	2°38	25°49	2°21	2°22	29°44	5°32	24° 6	22°15	20°37	12° 6	n.a.	M 6
T 7	14 17 27	4°54'00	20°37	21°36	3°52	26°30	2°20	2°21	29°42	5°32	24° 7	22° 7	20°34	12°13	n.a.	T 7
W 8	14 21 23	5°51'10	2♊29	23°24	5° 5	27°11	2°18	2°20	29°41	5°33	24° 8	21°59	20°30	12°20	n.a.	W 8
T 9	14 25 20	6°48'18	14°24	25°11	6°19	27°51	2°17	2°19	29°40	5°33	24°10	21°51	20°27	12°26	n.a.	T 9
F 10	14 29 16	7°45'26	26°26	26°54	7°33	28°32	2°16	2°18	29°39	5°33	24°11	21°44	20°24	12°33	n.a.	F 10
S 11	14 33 13	8°42'33	8♋36	28°35	8°46	29°13	2°14	2°18	29°38	5°34	24°12	21°38	20°21	12°40	n.a.	S 11
S 12	14 37 10	9°39'40	20°58	0♊14	10° 0	29°54	2°12	2°17	29°37	5°34	24°13	21°35	20°18	12°46	n.a.	S 12
M13	14 41 6	10°36'46	3♌35	1°51	11°14	0♉35	2°10	2°17	29°35	5°34	24°14	21°33	20°15	12°53	n.a.	M13
T 14	14 45 3	11°33'51	16°32	3°25	12°27	1°15	2° 8	2°17	29°34	5°34	24°15	21°D33	20°11	13° 0	n.a.	T 14
W15	14 48 59	12°30'56	29°52	4°56	13°41	1°56	2° 5	2°17	29°33	5°34	24°16	21°34	20° 8	13° 6	n.a.	W15
T 16	14 52 56	13°28'00	13♍38	6°25	14°55	2°37	2° 2	2°D16	29°31	5°34	24°17	21°35	20° 5	13°13	n.a.	T 16
F 17	14 56 52	14°25'03	27°50	7°51	16° 8	3°17	2° 0	2°16	29°30	5°35	24°18	21°R35	20° 2	13°20	n.a.	F 17
S 18	15 0 49	15°22'07	12♎29	9°15	17°22	3°58	1°57	2°17	29°28	5°35	24°18	21°33	19°59	13°26	n.a.	S 18
S 19	15 4 46	16°19'09	27°29	10°36	18°36	4°38	1°53	2°17	29°27	5°R35	24°19	21°29	19°55	13°33	n.a.	S 19
M20	15 8 42	17°16'12	12♏43	11°55	19°49	5°19	1°50	2°17	29°25	5°35	24°20	21°23	19°52	13°40	n.a.	M20
T 21	15 12 39	18°13'15	28° 0	13°11	21° 3	5°59	1°46	2°18	29°24	5°35	24°21	21°15	19°49	13°47	n.a.	T 21
W22	15 16 35	19°10'17	13♐11	14°24	22°17	6°39	1°43	2°18	29°22	5°35	24°22	21° 7	19°46	13°53	n.a.	W22
T 23	15 20 32	20° 7'20	28° 4	15°35	23°30	7°20	1°39	2°19	29°21	5°34	24°23	20°59	19°43	14° 0	n.a.	T 23
F 24	15 24 28	21° 4'23	12♑33	16°42	24°44	8° 0	1°35	2°19	29°19	5°34	24°24	20°52	19°40	14° 7	n.a.	F 24
S 25	15 28 25	22° 1'26	26°33	17°47	25°58	8°40	1°30	2°20	29°17	5°34	24°25	20°48	19°36	14°13	n.a.	S 25
S 26	15 32 21	22°58'30	10♒ 4	18°49	27°11	9°20	1°26	2°21	29°15	5°34	24°25	20°45	19°33	14°20	n.a.	S 26
M27	15 36 18	23°55'34	23° 7	19°47	28°25	10° 0	1°21	2°22	29°14	5°34	24°26	20°D44	19°30	14°27	n.a.	M27
T 28	15 40 15	24°52'38	5♓47	20°43	29°39	10°40	1°17	2°23	29°12	5°33	24°27	20°44	19°27	14°33	n.a.	T 28
W29	15 44 11	25°49'43	18° 7	21°35	0♊53	11°20	1°12	2°24	29°10	5°33	24°28	20°R45	19°24	14°40	n.a.	W29
T 30	15 48 8	26°46'48	0♈14	22°24	2° 6	12° 1	1° 7	2°26	29° 8	5°33	24°29	20°45	19°20	14°47	n.a.	T 30
F 31	15 52 4	27♉43'54	12♈11	23♊ 9	3♊20	12♉40	1♋ 2	2♍27	29♐ 6	5♒32	24♓29	20♍42	19♍17	14♉54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n22	7s14	1n14	16n34	1n37	9n48	0s37	8n42	0s 9	24s11	0s22	13n11	2n37	24s13	0s23	20s 4	0s53	17s27	16s28	3n 2	3n40	11n45			n.a.
T 2	11 42	3 28	0 8	17 19	1 43	10 17	0 35	8 59	0 8	24 11	0 23	13 12	2 36	24 13	0 23	20 4	0 53	17 26	16 28	3 2	3 42	11 47			n.a.
F 3	12 2	0n23	0s58	18 1	1 49	10 46	0 33	9 15	0 8	24 11	0 23	13 12	2 36	24 13	0 23	20 4	0 53	17 26	16 29	3 2	3 43	11 48			n.a.
S 4	12 22	4 12	2 0	18 41	1 54	11 14	0 31	9 31	0 7	24 11	0 23	13 12	2 36	24 13	0 23	20 4	0 54	17 26	16 29	3 3	3 44	11 50			n.a.
S 5	12 42	7 49	2 56	19 19	1 58	11 42	0 28	9 46	0 7	24 11	0 23	13 13	2 36	24 13	0 23	20 3	0 54	17 25	16 29	3 5	3 45	11 51			n.a.
M 6	13 2	11 7	3 45	19 55	2 2	12 10	0 26	10 2	0 6	24 12	0 23	13 13	2 36	24 13	0 24	20 3	0 54	17 25	16 29	3 7	3 47	11 53			n.a.
T 7	13 22	13 58	4 23	20 28	2 5	12 38	0 24	10 18	0 5	24 12	0 24	13 13	2 35	24 13	0 24	20 3	0 54	17 25	16 29	3 10	3 48	11 54			n.a.
W 8	13 41	16 15	4 51	20 59	2 7	13 5	0 22	10 33	0 5	24 12	0 24	13 13	2 35	24 13	0 24	20 3	0 54	17 25	16 30	3 14	3 49	11 56			n.a.
T 9	14 0	17 50	5 6	21 27	2 9	13 32	0 19	10 49	0 4	24 12	0 24	13 13	2 35	24 13	0 24	20 3	0 54	17 24	16 30	3 17	3 50	11 57			n.a.
F 10	14 19	18 40	5 7	21 53	2 10	13 59	0 17	11 4	0 4	24 13	0 24	13 13	2 35	24 13	0 24	20 3	0 54	17 24	16 30	3 20	3 52	11 59			n.a.
S 11	14 38	18 38	4 55	22 17	2 10	14 25	0 15	11 20	0 3	24 13	0 25	13 13	2 34	24 13	0 24	20 3	0 54	17 24	16 30	3 22	3 53	12 0			n.a.
S 12	14 56	17 44	4 29	22 38	2 10	14 51	0 12	11 35	0 2	24 13	0 25	13 13	2 34	24 13	0 24	20 3	0 54	17 24	16 30	3 23	3 54	12 2			n.a.
M13	15 15	15 57	3 49	22 58	2 8	15 17	0 10	11 50	0 2	24 13	0 25	13 13	2 34	24 13	0 24	20 3	0 54	17 24	16 31	3 24	3 56	12 3			n.a.
T 14	15 33	13 19	2 57	23 15	2 7	15 42	0 8	12 5	0 1	24 14	0 25	13 13	2 34	24 13	0 24	20 3	0 54	17 23	16 31	3 24	3 57	12 5			n.a.
W15	15 50	9 55	1 54	23 30	2 4	16 7	0 5	12 20	0 1	24 14	0 25	13 13	2 34	24 13	0 24	20 3	0 54	17 23	16 31	3 24	3 58	12 6			n.a.
T 16	16 8	5 53	0 43	23 43	2 1	16 31	0 3	12 34	0n 0	24 14	0 26	13 13	2 33	24 13	0 24	20 3	0 54	17 23	16 31	3 24	3 59	12 8			n.a.
F 17	16 25	1 23	0n34	23 54	1 57	16 55	0 1	12 49	0 1	24 14	0 26	13 12	2 33	24 13	0 24	20 3	0 54	17 23	16 32	3 24	4 1	12 9			n.a.
S 18	16 42	3s20	1 50	24 3	1 52	17 19	0n 2	13 4	0 1	24 15	0 26	13 12	2 33	24 13	0 24	20 3	0 54	17 23	16 32	3 24	4 2	12 11			n.a.
S 19	16 59	7 56	3 0	24 10	1 47	17 42	0 4	13 18	0 2	24 15	0 26	13 12	2 33	24 13	0 24	20 3	0 54	17 23	16 32	3 26	4 3	12 12			n.a.
M20	17 16	12 7	3 59	24 15	1 42	18 5	0 6	13 32	0 2	24 15	0 26	13 12	2 32	24 13	0 24	20 3	0 54	17 22	16 32	3 28	4 4	12 14			n.a.
T 21	17 32	15 29	4 41	24 19	1 35	18 27	0 9	13 47	0 3	24 15	0 27	13 11	2 32	24 13	0 24	20 3	0 54	17 22	16 33	3 31	4 6	12 15			n.a.
W22	17 48	17 45	5 2	24 21	1 28	18 49	0 11	14 1	0 4	24 16	0 27	13 11	2 32	24 13	0 24	20 3	0 54	17 22	16 33	3 35	4 7	12 17			n.a.
T 23	18 4	18 46	5 3	24 22	1 20	19 10	0 13	14 15	0 4	24 16	0 27	13 10	2 32	24 13	0 24	20 3	0 54	17 22	16 33	3 38	4 8	12 18			n.a.
F 24	18 19	18 31	4 44	24 21	1 12	19 31	0 16	14 29	0 5	24 16	0 27	13 10	2 32	24 13	0 24	20 4	0 54	17 22	16 33	3 40	4 9	12 20			n.a.
S 25	18 34	17 7	4 8	24 18	1 3	19 51	0 18	14 42	0 5	24 17	0 28	13 9	2 31	24 13	0 24	20 4	0 54	17 22	16 34	3 42	4 11	12 21			n.a.
S 26	18 49	14 48	3 20	24 15	0 54	20 11	0 20	14 56	0 6	24 17	0 28	13 9	2 31	24 13	0 24	20 4	0 54	17 22	16 34	3 43	4 12	12 23			n.a.
M27	19 3	11 48	2 22	24 9	0 44	20 30	0 23	15 9	0 7	24 17	0 28	13 8	2 31	24 13	0 24	20 4	0 54	17 22	16 34	3 44	4 13	12 24			n.a.
T 28	19 18	8 19	1 19	24 3	0 34	20 49	0 25	15 23	0 7	24 17	0 28	13 8	2 31	24 13	0 24	20 4	0 55	17 22	16 34	3 44	4 15	12 26			n.a.
W29	19 31	4 33	0 14	23 56	0 23	21 7	0 27	15 36	0 8	24 18	0 28	13 7	2 30	24 13	0 24	20 4	0 55	17 22	16 35	3 43	4 16	12 27			n.a.
T 30	19 45	0 41	0s50	23 47	0 11	21 24	0 30	15 49	0 9	24 18	0 29	13 6	2 30	24 13	0 24	20 4	0 55	17 22	16 35	3 44	4 17	12 29			n.a.
F 31	19n58	3n11	1s52	23n38	0s 1	21n41	0n32	16n 2	0n 9	24s18	0s29	13n 6	2n30	24s13	0s24	20s 4	0s55	17s22	16s35	3n44	4n18	12n30			n.a.

Julian Day Number = 1315385.5, Delta T = 07h37m47s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'15, Lahiri = -19°18'15 Julian Calendar 1 May 1112 BCE == Greg. Calendar 20 Apr. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

JUNE 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 1	28♉41'00	24♈ 2	23♊50	4♊34	13♉20	0°R56	2♍28	29°R 4	5°R32	24♓30	20°R38	19♍14	15♉ 0	n.a.	S 1
S 2	15 59 57	29°38'07	5♉51	24°28	5°48	14° 0	0♏51	2°30	29♐ 2	5♒32	24°31	20♍31	19°11	15° 7	n.a.	S 2
M 3	16 3 54	0♊35'14	17°41	25° 1	7° 2	14°40	0°45	2°32	29° 0	5°31	24°31	20°21	19° 8	15°14	n.a.	M 3
T 4	16 7 50	1°32'21	29°33	25°31	8°15	15°20	0°39	2°33	28°58	5°31	24°32	20° 9	19° 5	15°20	n.a.	T 4
W 5	16 11 47	2°29'30	11♊30	25°56	9°29	16° 0	0°33	2°35	28°56	5°30	24°33	19°56	19° 1	15°27	n.a.	W 5
T 6	16 15 44	3°26'38	23°33	26°17	10°43	16°39	0°27	2°37	28°54	5°30	24°33	19°43	18°58	15°34	n.a.	T 6
F 7	16 19 40	4°23'47	5♋42	26°34	11°57	17°19	0°21	2°39	28°52	5°29	24°34	19°32	18°55	15°40	n.a.	F 7
S 8	16 23 37	5°20'56	18° 0	26°46	13°11	17°59	0°15	2°41	28°50	5°28	24°34	19°22	18°52	15°47	n.a.	S 8
S 9	16 27 33	6°18'06	0♌28	26°53	14°24	18°38	0° 8	2°44	28°48	5°28	24°35	19°15	18°49	15°54	n.a.	S 9
M10	16 31 30	7°15'16	13° 9	26°R55	15°38	19°18	0° 2	2°46	28°46	5°27	24°35	19°11	18°46	16° 1	n.a.	M10
T 11	16 35 26	8°12'26	26° 6	26°53	16°52	19°58	29♐55	2°48	28°43	5°26	24°36	19° 9	18°42	16° 7	n.a.	T 11
W12	16 39 23	9° 9'37	9♍22	26°45	18° 6	20°37	29°49	2°51	28°41	5°26	24°36	19°D 8	18°39	16°14	n.a.	W12
T 13	16 43 20	10° 6'48	23° 0	26°33	19°20	21°16	29°42	2°53	28°39	5°25	24°37	19°R 8	18°36	16°21	n.a.	T 13
F 14	16 47 16	11° 4'00	7♎ 2	26°15	20°34	21°56	29°35	2°56	28°37	5°24	24°37	19° 8	18°33	16°27	n.a.	F 14
S 15	16 51 13	12° 1'12	21°27	25°54	21°48	22°35	29°28	2°59	28°35	5°23	24°38	19° 5	18°30	16°34	n.a.	S 15
S 16	16 55 9	12°58'24	6♏14	25°27	23° 1	23°15	29°21	3° 2	28°32	5°23	24°38	19° 0	18°26	16°41	n.a.	S 16
M17	16 59 6	13°55'37	21°17	24°57	24°15	23°54	29°13	3° 5	28°30	5°22	24°39	18°52	18°23	16°47	n.a.	M17
T 18	17 3 2	14°52'51	6♐28	24°23	25°29	24°33	29° 6	3° 8	28°28	5°21	24°39	18°42	18°20	16°54	n.a.	T 18
W19	17 6 59	15°50'06	21°35	23°45	26°43	25°12	28°59	3°11	28°25	5°20	24°39	18°31	18°17	17° 1	n.a.	W19
T 20	17 10 55	16°47'22	6♑29	23° 5	27°57	25°51	28°51	3°14	28°23	5°19	24°40	18°21	18°14	17° 8	n.a.	T 20
F 21	17 14 52	17°44'39	21° 1	22°22	29°11	26°31	28°44	3°17	28°21	5°18	24°40	18°12	18°11	17°14	n.a.	F 21
S 22	17 18 49	18°41'57	5♒ 6	21°39	0♋25	27°10	28°36	3°21	28°18	5°17	24°40	18° 5	18° 7	17°21	n.a.	S 22
S 23	17 22 45	19°39'16	18°41	20°54	1°39	27°49	28°29	3°24	28°16	5°16	24°41	18° 0	18° 4	17°28	n.a.	S 23
M24	17 26 42	20°36'36	1♓48	20° 9	2°52	28°28	28°21	3°28	28°14	5°15	24°41	17°58	18° 1	17°34	n.a.	M24
T 25	17 30 38	21°33'58	14°30	19°26	4° 6	29° 7	28°13	3°31	28°11	5°14	24°41	17°58	17°58	17°41	n.a.	T 25
W26	17 34 35	22°31'21	26°52	18°44	5°20	29°46	28° 6	3°35	28° 9	5°13	24°41	17°58	17°55	17°48	n.a.	W26
T 27	17 38 31	23°28'45	8♈57	18° 4	6°34	0♊25	27°58	3°39	28° 7	5°12	24°41	17°57	17°52	17°55	n.a.	T 27
F 28	17 42 28	24°26'11	20°53	17°28	7°48	1° 4	27°50	3°42	28° 4	5°11	24°42	17°55	17°48	18° 1	n.a.	F 28
S 29	17 46 24	25°23'39	2♉44	16°56	9° 2	1°42	27°42	3°46	28° 2	5° 9	24°42	17°50	17°45	18° 8	n.a.	S 29
S 30	17 50 21	26♊21'07	14♉33	16♊29	10♋16	2♊21	27♐35	3♍50	27♐59	5♒ 8	24♓42	17♍43	17♍42	18♉15	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n11	6n53	2s47	23n27	0s13	21n57	0n34	16n15	0n10	24s18	0s29	13n 5	2n30	24s13	0s24	20s 4	0s55	17s22	16s36	3n46	4n20	12n32		n.a.
S 2	20 24	10 18	3 36	23 16	0 26	22 13	0 36	16 28	0 10	24 19	0 29	13 4	2 30	24 13	0 24	20 5	0 55	17 21	16 36	3 49	4 21	12 33		n.a.
M 3	20 36	13 19	4 14	23 4	0 40	22 28	0 38	16 40	0 11	24 19	0 30	13 3	2 29	24 13	0 24	20 5	0 55	17 21	16 36	3 53	4 22	12 35		n.a.
T 4	20 48	15 47	4 42	22 52	0 53	22 42	0 41	16 53	0 12	24 19	0 30	13 3	2 29	24 13	0 24	20 5	0 55	17 22	16 36	3 58	4 23	12 36		n.a.
W 5	21 0	17 36	4 58	22 39	1 7	22 56	0 43	17 5	0 12	24 19	0 30	13 2	2 29	24 13	0 24	20 5	0 55	17 22	16 37	4 3	4 25	12 38		n.a.
T 6	21 11	18 40	5 0	22 25	1 21	23 9	0 45	17 17	0 13	24 20	0 30	13 1	2 29	24 13	0 24	20 5	0 55	17 22	16 37	4 8	4 26	12 39		n.a.
F 7	21 22	18 53	4 49	22 11	1 36	23 21	0 47	17 29	0 13	24 20	0 30	13 0	2 28	24 13	0 24	20 5	0 55	17 22	16 37	4 13	4 27	12 41		n.a.
S 8	21 32	18 13	4 25	21 57	1 51	23 33	0 49	17 41	0 14	24 20	0 31	12 59	2 28	24 13	0 24	20 6	0 55	17 22	16 38	4 16	4 28	12 42		n.a.
S 9	21 42	16 40	3 47	21 42	2 5	23 44	0 51	17 53	0 15	24 20	0 31	12 58	2 28	24 13	0 24	20 6	0 55	17 22	16 38	4 19	4 30	12 44		n.a.
M10	21 52	14 18	2 58	21 27	2 20	23 55	0 53	18 5	0 15	24 20	0 31	12 57	2 28	24 13	0 24	20 6	0 55	17 22	16 38	4 21	4 31	12 45		n.a.
T 11	22 2	11 10	1 59	21 13	2 35	24 4	0 55	18 16	0 16	24 21	0 31	12 56	2 28	24 13	0 24	20 6	0 55	17 22	16 39	4 22	4 32	12 46		n.a.
W12	22 11	7 23	0 52	20 58	2 49	24 13	0 57	18 27	0 16	24 21	0 31	12 54	2 27	24 13	0 24	20 6	0 55	17 22	16 39	4 22	4 33	12 48		n.a.
T 13	22 19	3 8	0n20	20 44	3 3	24 22	0 58	18 39	0 17	24 21	0 32	12 53	2 27	24 13	0 24	20 7	0 55	17 22	16 39	4 22	4 35	12 49		n.a.
F 14	22 28	1s25	1 33	20 30	3 17	24 29	1 0	18 50	0 18	24 21	0 32	12 52	2 27	24 13	0 24	20 7	0 55	17 22	16 40	4 22	4 36	12 51		n.a.
S 15	22 36	6 0	2 42	20 16	3 30	24 36	1 2	19 0	0 18	24 21	0 32	12 51	2 27	24 13	0 24	20 7	0 55	17 22	16 40	4 23	4 37	12 52		n.a.
S 16	22 43	10 20	3 42	20 3	3 42	24 42	1 4	19 11	0 19	24 22	0 32	12 50	2 27	24 13	0 24	20 7	0 55	17 22	16 40	4 25	4 39	12 54		n.a.
M17	22 50	14 5	4 27	19 50	3 54	24 47	1 5	19 22	0 19	24 22	0 32	12 48	2 26	24 13	0 24	20 8	0 55	17 22	16 41	4 28	4 40	12 55		n.a.
T 18	22 57	16 55	4 54	19 38	4 4	24 52	1 7	19 32	0 20	24 22	0 33	12 47	2 26	24 13	0 24	20 8	0 55	17 23	16 41	4 32	4 41	12 57		n.a.
W19	23 3	18 34	5 0	19 27	4 13	24 56	1 9	19 42	0 21	24 22	0 33	12 46	2 26	24 13	0 24	20 8	0 55	17 23	16 41	4 37	4 42	12 58		n.a.
T 20	23 9	18 54	4 46	19 18	4 21	24 59	1 10	19 52	0 21	24 22	0 33	12 44	2 26	24 13	0 24	20 8	0 55	17 23	16 41	4 41	4 44	13 0		n.a.
F 21	23 15	17 59	4 13	19 9	4 28	25 1	1 12	20 2	0 22	24 22	0 33	12 43	2 25	24 13	0 24	20 9	0 55	17 23	16 42	4 44	4 45	13 1		n.a.
S 22	23 20	15 58	3 26	19 1	4 33	25 3	1 13	20 12	0 22	24 22	0 33	12 42	2 25	24 13	0 24	20 9	0 55	17 23	16 42	4 47	4 46	13 2		n.a.
S 23	23 25	13 7	2 28	18 55	4 36	25 3	1 14	20 22	0 23	24 22	0 33	12 40	2 25	24 13	0 24	20 9	0 56	17 23	16 42	4 49	4 47	13 4		n.a.
M24	23 29	9 41	1 24	18 50	4 38	25 3	1 16	20 31	0 24	24 23	0 34	12 39	2 25	24 13	0 24	20 9	0 56	17 24	16 43	4 50	4 49	13 5		n.a.
T 25	23 33	5 55	0 18	18 47	4 37	25 3	1 17	20 41	0 24	24 23	0 34	12 37	2 25	24 13	0 24	20 10	0 56	17 24	16 43	4 50	4 50	13 7		n.a.
W26	23 37	1 59	0s47	18 46	4 35	25 1	1 18	20 50	0 25	24 23	0 34	12 35	2 24	24 13	0 24	20 10	0 56	17 24	16 43	4 50	4 51	13 8		n.a.
T 27	23 40	1n57	1 49	18 46	4 32	24 59	1 19	20 59	0 25	24 23	0 34	12 34	2 24	24 13	0 24	20 10	0 56	17 24	16 44	4 50	4 52	13 10		n.a.
F 28	23 42	5 44	2 45	18 48	4 26	24 56	1 21	21 8	0 26	24 23	0 34	12 32	2 24	24 13	0 24	20 11	0 56	17 25	16 44	4 51	4 54	13 11		n.a.
S 29	23 45	9 17	3 33	18 52	4 19	24 52	1 22	21 16	0 27	24 23	0 35	12 31	2 24	24 13	0 24	20 11	0 56	17 25	16 44	4 53	4 55	13 13		n.a.
S 30	23n46	12n27	4s12	18n58	4s11	24n48	1n23	21n25	0n27	24s23	0s35	12n29	2n24	24s13	0s25	20s11	0s56	17s25	16s45	4n56	4n56	13n14		n.a.

Julian Day Number = 1315416.5, Delta T = 07h37m45s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'11, Lahiri = -19°18'11 Julian Calendar 1 June 1112 BCE == Greg. Calendar 21 May 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

JULY 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 54 18	27♊18'37	26♉25	16°R 7	11♋30	3♊ 0	27°R27	3♍55	27°R57	5°R 7	24♓42	17°R33	17♍39	18♉21	n.a.	M 1
T 2	17 58 14	28°16'09	8♊22	15♊50	12°44	3°39	27♐19	3°59	27♐55	5♒ 6	24°42	17♍21	17°36	18°28	n.a.	T 2
W 3	18 2 11	29°13'42	20°27	15°40	13°58	4°17	27°11	4° 3	27°52	5° 5	24°42	17° 7	17°32	18°35	n.a.	W 3
T 4	18 6 7	0♋11'17	2♋39	15°D36	15°12	4°56	27° 3	4° 7	27°50	5° 3	24°42	16°54	17°29	18°41	n.a.	T 4
F 5	18 10 4	1° 8'52	15° 1	15°39	16°26	5°35	26°55	4°12	27°47	5° 2	24°42	16°42	17°26	18°48	n.a.	F 5
S 6	18 14 0	2° 6'29	27°33	15°49	17°40	6°13	26°48	4°16	27°45	5° 1	24°R42	16°32	17°23	18°55	n.a.	S 6
S 7	18 17 57	3° 4'08	10♌15	16° 7	18°54	6°52	26°40	4°21	27°43	4°59	24°42	16°25	17°20	19° 2	n.a.	S 7
M 8	18 21 54	4° 1'47	23° 8	16°31	20° 8	7°30	26°32	4°25	27°40	4°58	24°42	16°20	17°17	19° 8	n.a.	M 8
T 9	18 25 50	4°59'28	6♍14	17° 2	21°22	8° 9	26°25	4°30	27°38	4°57	24°42	16°18	17°13	19°15	n.a.	T 9
W10	18 29 47	5°57'10	19°35	17°41	22°36	8°47	26°17	4°35	27°36	4°55	24°42	16°D18	17°10	19°22	n.a.	W10
T 11	18 33 43	6°54'54	3♎12	18°26	23°50	9°26	26° 9	4°39	27°33	4°54	24°42	16°R18	17° 7	19°28	n.a.	T 11
F 12	18 37 40	7°52'38	17° 7	19°19	25° 4	10° 4	26° 2	4°44	27°31	4°52	24°42	16°18	17° 4	19°35	n.a.	F 12
S 13	18 41 36	8°50'24	1♏19	20°18	26°18	10°43	25°54	4°49	27°28	4°51	24°42	16°16	17° 1	19°42	n.a.	S 13
S 14	18 45 33	9°48'11	15°49	21°23	27°31	11°21	25°47	4°54	27°26	4°50	24°41	16°12	16°58	19°49	n.a.	S 14
M15	18 49 29	10°45'59	0♐32	22°35	28°45	11°59	25°40	4°59	27°24	4°48	24°41	16° 5	16°54	19°55	n.a.	M15
T 16	18 53 26	11°43'49	15°22	23°53	29°59	12°37	25°33	5° 5	27°22	4°47	24°41	15°57	16°51	20° 2	n.a.	T 16
W17	18 57 23	12°41'41	0♑10	25°16	1♌13	13°16	25°25	5°10	27°19	4°45	24°41	15°47	16°48	20° 9	n.a.	W17
T 18	19 1 19	13°39'34	14°50	26°44	2°27	13°54	25°18	5°15	27°17	4°44	24°41	15°38	16°45	20°15	n.a.	T 18
F 19	19 5 16	14°37'29	29°13	28°17	3°41	14°32	25°11	5°20	27°15	4°42	24°40	15°30	16°42	20°22	n.a.	F 19
S 20	19 9 12	15°35'26	13♒13	29°54	4°55	15°10	25° 4	5°26	27°12	4°41	24°40	15°24	16°38	20°29	n.a.	S 20
S 21	19 13 9	16°33'24	26°47	1♋36	6° 9	15°48	24°58	5°31	27°10	4°39	24°40	15°20	16°35	20°36	n.a.	S 21
M22	19 17 5	17°31'24	9♓55	3°20	7°23	16°26	24°51	5°37	27° 8	4°37	24°39	15°D18	16°32	20°42	n.a.	M22
T 23	19 21 2	18°29'27	22°39	5° 8	8°37	17° 4	24°44	5°42	27° 6	4°36	24°39	15°18	16°29	20°49	n.a.	T 23
W24	19 24 58	19°27'31	5♈ 3	6°58	9°51	17°42	24°38	5°48	27° 4	4°34	24°39	15°19	16°26	20°56	n.a.	W24
T 25	19 28 55	20°25'38	17°11	8°50	11° 5	18°20	24°32	5°54	27° 2	4°33	24°38	15°R20	16°23	21° 2	n.a.	T 25
F 26	19 32 51	21°23'46	29° 9	10°43	12°19	18°58	24°26	5°59	26°59	4°31	24°38	15°20	16°19	21° 9	n.a.	F 26
S 27	19 36 48	22°21'57	11♉ 1	12°38	13°33	19°36	24°19	6° 5	26°57	4°30	24°37	15°18	16°16	21°16	n.a.	S 27
S 28	19 40 45	23°20'10	22°52	14°34	14°47	20°14	24°13	6°11	26°55	4°28	24°37	15°13	16°13	21°22	n.a.	S 28
M29	19 44 41	24°18'25	4♊47	16°30	16° 1	20°51	24° 8	6°17	26°53	4°26	24°36	15° 7	16°10	21°29	n.a.	M29
T 30	19 48 38	25°16'43	16°49	18°26	17°14	21°29	24° 2	6°23	26°51	4°25	24°36	14°59	16° 7	21°36	n.a.	T 30
W31	19 52 34	26♋15'02	29♊ 1	20♋23	18♌28	22♊ 7	23♐57	6♍29	26♐49	4♒23	24♓35	14♍51	16♍ 4	21♉43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	15n 7	4s41	19n 5	4s 1	24n42	1n24	21n33	0n28	24s23	0s35	12n27	2n24	24s13	0s25	20s12	0s56	17s25	16s45	5n 0	4n57	13n15			n.a.
T 2	23 49	17 10	4 57	19 15	3 50	24 36	1 24	21 41	0 28	24 23	0 35	12 26	2 23	24 13	0 25	20 12	0 56	17 26	16 45	5 5	4 59	13 17			n.a.
W 3	23 49	18 29	5 0	19 26	3 38	24 29	1 25	21 49	0 29	24 23	0 35	12 24	2 23	24 13	0 25	20 12	0 56	17 26	16 46	5 10	5 0	13 18			n.a.
T 4	23 49	18 58	4 49	19 39	3 25	24 22	1 26	21 57	0 30	24 23	0 35	12 22	2 23	24 13	0 25	20 13	0 56	17 26	16 46	5 15	5 1	13 20			n.a.
F 5	23 49	18 34	4 25	19 53	3 11	24 14	1 27	22 5	0 30	24 23	0 35	12 20	2 23	24 13	0 25	20 13	0 56	17 26	16 46	5 20	5 2	13 21			n.a.
S 6	23 48	17 16	3 48	20 9	2 56	24 5	1 27	22 12	0 31	24 23	0 36	12 18	2 23	24 13	0 25	20 13	0 56	17 27	16 47	5 24	5 4	13 23			n.a.
S 7	23 47	15 5	2 59	20 25	2 41	23 55	1 28	22 19	0 32	24 23	0 36	12 17	2 22	24 13	0 25	20 14	0 56	17 27	16 47	5 27	5 5	13 24			n.a.
M 8	23 46	12 9	2 0	20 43	2 25	23 45	1 28	22 27	0 32	24 23	0 36	12 15	2 22	24 13	0 25	20 14	0 56	17 27	16 47	5 29	5 6	13 25			n.a.
T 9	23 44	8 33	0 53	21 2	2 9	23 33	1 29	22 33	0 33	24 23	0 36	12 13	2 22	24 13	0 25	20 14	0 56	17 28	16 48	5 29	5 8	13 27			n.a.
W10	23 41	4 27	0n17	21 22	1 53	23 22	1 29	22 40	0 33	24 22	0 36	12 11	2 22	24 13	0 25	20 15	0 56	17 28	16 48	5 29	5 9	13 28			n.a.
T 11	23 38	0 4	1 29	21 42	1 37	23 9	1 29	22 47	0 34	24 22	0 36	12 9	2 22	24 13	0 25	20 15	0 56	17 28	16 48	5 29	5 10	13 30			n.a.
F 12	23 35	4s26	2 36	22 2	1 21	22 56	1 30	22 53	0 35	24 22	0 36	12 7	2 22	24 13	0 25	20 16	0 56	17 29	16 49	5 29	5 11	13 31			n.a.
S 13	23 31	8 46	3 35	22 23	1 5	22 42	1 30	23 0	0 35	24 22	0 37	12 5	2 21	24 13	0 25	20 16	0 56	17 29	16 49	5 30	5 13	13 32			n.a.
S 14	23 27	12 40	4 22	22 42	0 50	22 27	1 30	23 6	0 36	24 22	0 37	12 3	2 21	24 13	0 25	20 16	0 56	17 29	16 49	5 32	5 14	13 34			n.a.
M15	23 23	15 49	4 52	23 2	0 35	22 12	1 30	23 11	0 36	24 22	0 37	12 1	2 21	24 12	0 25	20 17	0 56	17 30	16 50	5 34	5 15	13 35			n.a.
T 16	23 18	17 59	5 3	23 20	0 20	21 56	1 30	23 17	0 37	24 22	0 37	11 59	2 21	24 12	0 25	20 17	0 56	17 30	16 50	5 38	5 16	13 37			n.a.
W17	23 12	18 55	4 54	23 38	0 6	21 40	1 30	23 23	0 38	24 22	0 37	11 57	2 21	24 12	0 25	20 18	0 56	17 30	16 50	5 41	5 18	13 38			n.a.
T 18	23 7	18 35	4 25	23 54	0n 7	21 23	1 29	23 28	0 38	24 22	0 37	11 55	2 21	24 12	0 25	20 18	0 56	17 31	16 51	5 45	5 19	13 39			n.a.
F 19	23 0	17 3	3 40	24 8	0 19	21 5	1 29	23 33	0 39	24 21	0 37	11 53	2 21	24 12	0 25	20 18	0 56	17 31	16 51	5 48	5 20	13 41			n.a.
S 20	22 54	14 31	2 43	24 21	0 31	20 47	1 29	23 38	0 39	24 21	0 37	11 50	2 20	24 12	0 25	20 19	0 56	17 32	16 51	5 51	5 21	13 42			n.a.
S 21	22 47	11 16	1 37	24 31	0 42	20 28	1 28	23 43	0 40	24 21	0 37	11 48	2 20	24 12	0 25	20 19	0 56	17 32	16 52	5 52	5 23	13 44			n.a.
M22	22 39	7 32	0 29	24 39	0 53	20 8	1 28	23 48	0 41	24 21	0 38	11 46	2 20	24 12	0 25	20 19	0 56	17 33	16 52	5 53	5 24	13 45			n.a.
T 23	22 31	3 34	0s39	24 45	1 2	19 48	1 27	23 52	0 41	24 21	0 38	11 44	2 20	24 12	0 25	20 20	0 56	17 33	16 52	5 53	5 25	13 46			n.a.
W24	22 23	0n27	1 44	24 49	1 10	19 27	1 27	23 56	0 42	24 21	0 38	11 42	2 20	24 12	0 25	20 20	0 56	17 33	16 53	5 53	5 26	13 48			n.a.
T 25	22 15	4 22	2 43	24 49	1 18	19 6	1 26	24 0	0 42	24 20	0 38	11 39	2 20	24 12	0 25	20 21	0 56	17 34	16 53	5 52	5 28	13 49			n.a.
F 26	22 6	8 2	3 33	24 47	1 25	18 45	1 25	24 4	0 43	24 20	0 38	11 37	2 20	24 12	0 25	20 21	0 56	17 34	16 53	5 52	5 29	13 51			n.a.
S 27	21 56	11 21	4 14	24 43	1 30	18 22	1 25	24 8	0 44	24 20	0 38	11 35	2 19	24 12	0 25	20 22	0 56	17 35	16 53	5 53	5 30	13 52			n.a.
S 28	21 46	14 12	4 44	24 36	1 35	18 0	1 24	24 12	0 44	24 20	0 38	11 32	2 19	24 12	0 25	20 22	0 56	17 35	16 54	5 55	5 31	13 53			n.a.
M29	21 36	16 29	5 2	24 26	1 39	17 36	1 23	24 15	0 45	24 20	0 38	11 30	2 19	24 12	0 25	20 22	0 56	17 36	16 54	5 57	5 33	13 55			n.a.
T 30	21 25	18 4	5 7	24 14	1 43	17 13	1 22	24 18	0 45	24 20	0 38	11 28	2 19	24 12	0 25	20 23	0 56	17 36	16 54	6 0	5 34	13 56			n.a.
W31	21n14	18n52	4s58	23n59	1n45	16n49	1n21	24n21	0n46	24s19	0s38	11n25	2n19	24s12	0s25	20s23	0s56	17s37	16s55	6n 4	5n35	13n57			n.a.

Julian Day Number = 1315446.5, Delta T = 07h37m43s
Ecliptic obliquity = 23°49'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'07, Lahiri = -19°18'07 Julian Calendar 1 July 1112 BCE == Greg. Calendar 20 June 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

AUGUST 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 31	27♋13'24	11♋25	22♋19	19♌42	22♊45	23°R51	6♍35	26°R47	4°R21	24°R35	14°R42	16♍ 0	21♉49	n.a.	T 1
F 2	20 0 27	28°11'47	24° 1	24°15	20°56	23°22	23♐46	6°41	26♐45	4♒20	24♓34	14♍34	15°57	21°56	n.a.	F 2
S 3	20 4 24	29°10'13	6♌51	26°10	22°10	24° 0	23°41	6°47	26°43	4°18	24°34	14°27	15°54	22° 3	n.a.	S 3
S 4	20 8 20	0♌ 8'40	19°53	28° 5	23°24	24°37	23°36	6°53	26°42	4°16	24°33	14°22	15°51	22° 9	n.a.	S 4
M 5	20 12 17	1° 7'10	3♍ 6	29°59	24°38	25°15	23°31	7° 0	26°40	4°15	24°33	14°20	15°48	22°16	n.a.	M 5
T 6	20 16 14	2° 5'41	16°32	1♌52	25°52	25°53	23°27	7° 6	26°38	4°13	24°32	14°D19	15°44	22°23	n.a.	T 6
W 7	20 20 10	3° 4'14	0♎ 8	3°44	27° 6	26°30	23°22	7°12	26°36	4°11	24°31	14°20	15°41	22°30	n.a.	W 7
T 8	20 24 7	4° 2'49	13°55	5°35	28°19	27° 7	23°18	7°18	26°34	4°10	24°31	14°21	15°38	22°36	n.a.	T 8
F 9	20 28 3	5° 1'25	27°53	7°26	29°33	27°45	23°14	7°25	26°33	4° 8	24°30	14°22	15°35	22°43	n.a.	F 9
S 10	20 32 0	6° 0'04	12♏ 0	9°15	0♍47	28°22	23°10	7°31	26°31	4° 6	24°29	14°R22	15°32	22°50	n.a.	S 10
S 11	20 35 56	6°58'44	26°16	11° 3	2° 1	29° 0	23° 6	7°38	26°29	4° 5	24°29	14°21	15°29	22°56	n.a.	S 11
M12	20 39 53	7°57'26	10♐38	12°50	3°15	29°37	23° 3	7°44	26°28	4° 3	24°28	14°18	15°25	23° 3	n.a.	M12
T 13	20 43 49	8°56'10	25° 2	14°37	4°29	0♋14	23° 0	7°51	26°26	4° 2	24°27	14°13	15°22	23°10	n.a.	T 13
W14	20 47 46	9°54'56	9♑24	16°22	5°42	0°51	22°56	7°57	26°25	4° 0	24°26	14° 8	15°19	23°17	n.a.	W14
T 15	20 51 43	10°53'44	23°38	18° 6	6°56	1°28	22°53	8° 4	26°23	3°58	24°26	14° 3	15°16	23°23	n.a.	T 15
F 16	20 55 39	11°52'34	7♒39	19°49	8°10	2° 6	22°51	8°11	26°22	3°57	24°25	13°59	15°13	23°30	n.a.	F 16
S 17	20 59 36	12°51'26	21°22	21°31	9°24	2°43	22°48	8°17	26°20	3°55	24°24	13°55	15°10	23°37	n.a.	S 17
S 18	21 3 32	13°50'20	4♓46	23°13	10°37	3°20	22°46	8°24	26°19	3°53	24°23	13°54	15° 6	23°43	n.a.	S 18
M19	21 7 29	14°49'16	17°48	24°53	11°51	3°57	22°43	8°31	26°18	3°52	24°22	13°D53	15° 3	23°50	n.a.	M19
T 20	21 11 25	15°48'15	0♈31	26°32	13° 5	4°34	22°41	8°38	26°16	3°50	24°22	13°54	15° 0	23°57	n.a.	T 20
W21	21 15 22	16°47'16	12°55	28°11	14°18	5°11	22°40	8°44	26°15	3°48	24°21	13°56	14°57	24° 4	n.a.	W21
T 22	21 19 18	17°46'19	25° 5	29°48	15°32	5°48	22°38	8°51	26°14	3°47	24°20	13°58	14°54	24°10	n.a.	T 22
F 23	21 23 15	18°45'25	7♉ 4	1♍25	16°46	6°25	22°36	8°58	26°13	3°45	24°19	13°59	14°50	24°17	n.a.	F 23
S 24	21 27 11	19°44'34	18°57	3° 1	17°59	7° 1	22°35	9° 5	26°11	3°44	24°18	14°R 0	14°47	24°24	n.a.	S 24
S 25	21 31 8	20°43'44	0♊49	4°36	19°13	7°38	22°34	9°12	26°10	3°42	24°17	13°59	14°44	24°30	n.a.	S 25
M26	21 35 5	21°42'58	12°46	6°10	20°26	8°15	22°33	9°19	26° 9	3°41	24°16	13°58	14°41	24°37	n.a.	M26
T 27	21 39 1	22°42'14	24°50	7°43	21°40	8°52	22°33	9°26	26° 8	3°39	24°15	13°55	14°38	24°44	n.a.	T 27
W28	21 42 58	23°41'32	7♋ 6	9°15	22°54	9°29	22°32	9°33	26° 7	3°37	24°14	13°52	14°35	24°51	n.a.	W28
T 29	21 46 54	24°40'52	19°38	10°47	24° 7	10° 5	22°32	9°40	26° 6	3°36	24°13	13°49	14°31	24°57	n.a.	T 29
F 30	21 50 51	25°40'15	2♌26	12°18	25°21	10°42	22°D32	9°47	26° 6	3°34	24°12	13°46	14°28	25° 4	n.a.	F 30
S 31	21 54 47	26♌39'40	15♌32	13♍48	26♍34	11♋18	22♐32	9♍54	26♐ 5	3♒33	24♓11	13♍44	14♍25	25♉11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n 3	18n46	4s35	23n42	1n47	16n24	1n19	24n24	0n47	24s19	0s38	11n23	2n19	24s12	0s25	20s24	0s57	17s37	16s55	6n 7	5n36	13n59			n.a.
F 2	20 51	17 45	3 58	23 23	1 48	15 59	1 18	24 27	0 47	24 19	0 39	11 21	2 19	24 12	0 25	20 24	0 57	17 37	16 55	6 10	5 38	14 0			n.a.
S 3	20 39	15 49	3 8	23 2	1 48	15 33	1 17	24 29	0 48	24 19	0 39	11 18	2 19	24 12	0 25	20 24	0 57	17 38	16 55	6 13	5 39	14 2			n.a.
S 4	20 27	13 4	2 8	22 39	1 48	15 7	1 16	24 31	0 49	24 19	0 39	11 16	2 19	24 12	0 25	20 25	0 57	17 38	16 56	6 15	5 40	14 3			n.a.
M 5	20 14	9 35	1 0	22 14	1 47	14 41	1 14	24 33	0 49	24 18	0 39	11 13	2 18	24 11	0 25	20 25	0 57	17 39	16 56	6 16	5 41	14 4			n.a.
T 6	20 1	5 35	0n12	21 47	1 46	14 14	1 13	24 35	0 50	24 18	0 39	11 11	2 18	24 11	0 25	20 26	0 57	17 39	16 56	6 16	5 43	14 6			n.a.
W 7	19 47	1 14	1 25	21 19	1 44	13 47	1 11	24 37	0 50	24 18	0 39	11 8	2 18	24 11	0 25	20 26	0 57	17 40	16 57	6 16	5 44	14 7			n.a.
T 8	19 33	3s13	2 34	20 49	1 42	13 20	1 9	24 39	0 51	24 18	0 39	11 6	2 18	24 11	0 25	20 27	0 57	17 40	16 57	6 15	5 45	14 8			n.a.
F 9	19 19	7 33	3 35	20 18	1 39	12 52	1 8	24 40	0 52	24 18	0 39	11 3	2 18	24 11	0 25	20 27	0 57	17 41	16 57	6 15	5 46	14 10			n.a.
S 10	19 4	11 31	4 23	19 46	1 36	12 24	1 6	24 41	0 52	24 18	0 39	11 1	2 18	24 11	0 25	20 27	0 57	17 41	16 57	6 15	5 48	14 11			n.a.
S 11	18 50	14 50	4 56	19 12	1 32	11 55	1 4	24 42	0 53	24 17	0 39	10 58	2 18	24 11	0 25	20 28	0 57	17 42	16 58	6 15	5 49	14 12			n.a.
M12	18 34	17 17	5 10	18 38	1 28	11 27	1 2	24 43	0 53	24 17	0 39	10 56	2 18	24 11	0 25	20 28	0 57	17 42	16 58	6 17	5 50	14 14			n.a.
T 13	18 19	18 38	5 6	18 3	1 24	10 58	1 0	24 44	0 54	24 17	0 39	10 53	2 18	24 11	0 25	20 29	0 57	17 43	16 58	6 18	5 51	14 15			n.a.
W14	18 3	18 48	4 42	17 26	1 19	10 28	0 58	24 44	0 55	24 17	0 39	10 50	2 18	24 11	0 25	20 29	0 57	17 43	16 58	6 20	5 53	14 16			n.a.
T 15	17 47	17 46	4 0	16 49	1 14	9 59	0 56	24 44	0 55	24 17	0 39	10 48	2 18	24 11	0 25	20 29	0 57	17 44	16 58	6 22	5 54	14 18			n.a.
F 16	17 30	15 40	3 5	16 12	1 9	9 29	0 54	24 44	0 56	24 17	0 39	10 45	2 17	24 11	0 25	20 30	0 57	17 45	16 59	6 24	5 55	14 19			n.a.
S 17	17 13	12 43	2 0	15 33	1 3	8 59	0 52	24 44	0 57	24 17	0 39	10 43	2 17	24 11	0 25	20 30	0 57	17 45	16 59	6 25	5 56	14 20			n.a.
S 18	16 56	9 9	0 50	14 54	0 58	8 28	0 50	24 44	0 57	24 17	0 39	10 40	2 17	24 11	0 24	20 31	0 57	17 46	16 59	6 26	5 58	14 22			n.a.
M19	16 39	5 13	0s21	14 15	0 52	7 58	0 48	24 44	0 58	24 17	0 39	10 37	2 17	24 11	0 24	20 31	0 57	17 46	16 59	6 26	5 59	14 23			n.a.
T 20	16 21	1 10	1 30	13 35	0 46	7 27	0 45	24 43	0 58	24 16	0 39	10 35	2 17	24 11	0 24	20 31	0 57	17 47	17 0	6 26	6 0	14 24			n.a.
W21	16 3	2n51	2 33	12 55	0 40	6 56	0 43	24 42	0 59	24 16	0 39	10 32	2 17	24 11	0 24	20 32	0 57	17 47	17 0	6 25	6 1	14 26			n.a.
T 22	15 45	6 39	3 27	12 14	0 33	6 25	0 41	24 41	1 0	24 16	0 39	10 29	2 17	24 11	0 24	20 32	0 57	17 48	17 0	6 24	6 3	14 27			n.a.
F 23	15 27	10 8	4 12	11 33	0 27	5 54	0 38	24 40	1 0	24 16	0 39	10 27	2 17	24 11	0 24	20 33	0 57	17 48	17 0	6 24	6 4	14 28			n.a.
S 24	15 8	13 10	4 45	10 52	0 20	5 22	0 36	24 39	1 1	24 16	0 39	10 24	2 17	24 11	0 24	20 33	0 57	17 49	17 0	6 24	6 5	14 30			n.a.
S 25	14 49	15 39	5 6	10 11	0 13	4 51	0 33	24 38	1 2	24 16	0 40	10 21	2 17	24 11	0 24	20 33	0 57	17 49	17 1	6 24	6 6	14 31			n.a.
M26	14 30	17 30	5 15	9 30	0 6	4 19	0 31	24 36	1 2	24 16	0 40	10 19	2 17	24 10	0 24	20 34	0 57	17 50	17 1	6 24	6 8	14 32			n.a.
T 27	14 10	18 34	5 9	8 48	0s 1	3 47	0 28	24 34	1 3	24 16	0 40	10 16	2 17	24 10	0 24	20 34	0 57	17 50	17 1	6 25	6 9	14 34			n.a.
W28	13 50	18 49	4 49	8 6	0 8	3 15	0 25	24 32	1 3	24 16	0 40	10 13	2 17	24 10	0 24	20 34	0 57	17 51	17 1	6 27	6 10	14 35			n.a.
T 29	13 30	18 9	4 16	7 25	0 15	2 43	0 23	24 30	1 4	24 16	0 40	10 11	2 17	24 10	0 24	20 35	0 57	17 51	17 1	6 28	6 11	14 36			n.a.
F 30	13 10	16 33	3 29	6 43	0 22	2 11	0 20	24 28	1 5	24 16	0 40	10 8	2 17	24 10	0 24	20 35	0 57	17 52	17 1	6 29	6 13	14 38			n.a.
S 31	12n50	14n 4	2s29	6n 1	0s29	1n39	0n17	24n25	1n 5	24s16	0s40	10n 5	2n17	24s10	0s24	20s35	0s57	17s53	17s 2	6n30	6n14	14n39			n.a.

Julian Day Number = 1315477.5, Delta T = 07h37m42s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°25'03, Lahiri = -19°18'02 Julian Calendar 1 Aug. 1112 BCE == Greg. Calendar 21 July 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

SEPTEMBER 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 44	27♌39'08	28♌55	15♍17	27♍48	11♋55	22♐32	10♍ 1	26°R 4	3°R31	24°R10	13°R43	14♍22	25♉17	n.a.	S 1
M 2	22 2 40	28°38'37	12♍33	16°45	29° 1	12°31	22°33	10° 8	26♐ 3	3♒30	24♓ 9	13°D42	14°19	25°24	n.a.	M 2
T 3	22 6 37	29°38'09	26°25	18°13	0♎15	13° 8	22°34	10°15	26° 3	3°29	24° 8	13♍43	14°15	25°31	n.a.	T 3
W 4	22 10 33	0♍37'43	10♎27	19°40	1°28	13°44	22°35	10°22	26° 2	3°27	24° 7	13°43	14°12	25°38	n.a.	W 4
T 5	22 14 30	1°37'18	24°36	21° 6	2°42	14°21	22°36	10°29	26° 2	3°26	24° 6	13°44	14° 9	25°44	n.a.	T 5
F 6	22 18 27	2°36'56	8♏49	22°30	3°55	14°57	22°37	10°36	26° 1	3°24	24° 5	13°45	14° 6	25°51	n.a.	F 6
S 7	22 22 23	3°36'35	23° 3	23°55	5° 9	15°33	22°39	10°43	26° 1	3°23	24° 4	13°46	14° 3	25°58	n.a.	S 7
S 8	22 26 20	4°36'17	7♐16	25°18	6°22	16° 9	22°40	10°51	26° 0	3°22	24° 3	13°R46	14° 0	26° 4	n.a.	S 8
M 9	22 30 16	5°36'00	21°25	26°40	7°35	16°46	22°42	10°58	26° 0	3°20	24° 2	13°46	13°56	26°11	n.a.	M 9
T 10	22 34 13	6°35'45	5♑28	28° 1	8°49	17°22	22°45	11° 5	25°59	3°19	24° 1	13°45	13°53	26°18	n.a.	T 10
W11	22 38 9	7°35'32	19°23	29°21	10° 2	17°58	22°47	11°12	25°59	3°18	24° 0	13°44	13°50	26°25	n.a.	W11
T 12	22 42 6	8°35'20	3♒ 8	0♎40	11°15	18°34	22°49	11°19	25°59	3°16	23°59	13°44	13°47	26°31	n.a.	T 12
F 13	22 46 2	9°35'11	16°41	1°57	12°28	19°10	22°52	11°26	25°59	3°15	23°58	13°43	13°44	26°38	n.a.	F 13
S 14	22 49 59	10°35'04	0♓ 0	3°14	13°42	19°46	22°55	11°34	25°59	3°14	23°57	13°43	13°41	26°45	n.a.	S 14
S 15	22 53 55	11°34'58	13° 5	4°29	14°55	20°22	22°58	11°41	25°59	3°13	23°56	13°D43	13°37	26°52	n.a.	S 15
M16	22 57 52	12°34'55	25°54	5°42	16° 8	20°58	23° 1	11°48	25°D59	3°11	23°54	13°43	13°34	26°58	n.a.	M16
T 17	23 1 49	13°34'54	8♈28	6°54	17°21	21°33	23° 5	11°55	25°59	3°10	23°53	13°R43	13°31	27° 5	n.a.	T 17
W18	23 5 45	14°34'55	20°48	8° 4	18°34	22° 9	23° 8	12° 2	25°59	3° 9	23°52	13°43	13°28	27°12	n.a.	W18
T 19	23 9 42	15°34'58	2♉56	9°11	19°47	22°45	23°12	12° 9	25°59	3° 8	23°51	13°43	13°25	27°18	n.a.	T 19
F 20	23 13 38	16°35'03	14°55	10°17	21° 0	23°21	23°16	12°16	25°59	3° 7	23°50	13°42	13°21	27°25	n.a.	F 20
S 21	23 17 35	17°35'11	26°48	11°20	22°13	23°56	23°21	12°24	25°59	3° 6	23°49	13°42	13°18	27°32	n.a.	S 21
S 22	23 21 31	18°35'21	8♊40	12°21	23°26	24°32	23°25	12°31	25°59	3° 5	23°48	13°42	13°15	27°39	n.a.	S 22
M23	23 25 28	19°35'33	20°35	13°18	24°39	25° 7	23°30	12°38	26° 0	3° 4	23°47	13°D42	13°12	27°45	n.a.	M23
T 24	23 29 24	20°35'47	2♋38	14°12	25°52	25°43	23°34	12°45	26° 0	3° 3	23°45	13°42	13° 9	27°52	n.a.	T 24
W25	23 33 21	21°36'04	14°54	15° 3	27° 5	26°18	23°39	12°52	26° 1	3° 2	23°44	13°42	13° 6	27°59	n.a.	W25
T 26	23 37 18	22°36'23	27°26	15°49	28°18	26°53	23°44	12°59	26° 1	3° 1	23°43	13°43	13° 2	28° 5	n.a.	T 26
F 27	23 41 14	23°36'43	10♌18	16°30	29°31	27°29	23°50	13° 6	26° 2	3° 0	23°42	13°44	12°59	28°12	n.a.	F 27
S 28	23 45 11	24°37'06	23°32	17° 7	0♏44	28° 4	23°55	13°13	26° 2	2°59	23°41	13°45	12°56	28°19	n.a.	S 28
S 29	23 49 7	25°37'31	7♍ 9	17°37	1°57	28°39	24° 1	13°21	26° 3	2°58	23°40	13°R46	12°53	28°26	n.a.	S 29
M30	23 53 4	26♍37'58	21♍ 9	18♎ 1	3♏ 9	29♋14	24♐ 7	13♍28	26♐ 4	2♒57	23♓39	13♍46	12♍50	28♉32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n29	10n47	1s21	5n20	0s36	1n 6	0n14	24n23	1n 6	24s16	0s40	10n 2	2n17	24s10	0s24	20s36	0s57	17s53	17s 2	6n30	6n15	14n40		n.a.
M 2	12 8	6 51	0 6	4 39	0 44	0 34	0 11	24 20	1 7	24 16	0 40	10 0	2 17	24 10	0 24	20 36	0 57	17 54	17 2	6 30	6 16	14 42		n.a.
T 3	11 47	2 31	1n10	3 57	0 51	0 2	0 9	24 17	1 7	24 16	0 40	9 57	2 17	24 10	0 24	20 37	0 57	17 54	17 2	6 30	6 18	14 43		n.a.
W 4	11 26	2s 1	2 23	3 16	0 58	0s31	0 6	24 14	1 8	24 16	0 40	9 54	2 17	24 10	0 24	20 37	0 57	17 55	17 2	6 30	6 19	14 44		n.a.
T 5	11 4	6 28	3 28	2 35	1 5	1 3	0 3	24 10	1 9	24 16	0 40	9 51	2 17	24 10	0 24	20 37	0 57	17 55	17 2	6 30	6 20	14 46		n.a.
F 6	10 42	10 34	4 20	1 55	1 12	1 35	0s 0	24 7	1 9	24 17	0 40	9 49	2 17	24 10	0 24	20 38	0 57	17 56	17 2	6 29	6 21	14 47		n.a.
S 7	10 21	14 3	4 56	1 15	1 19	2 8	0 3	24 3	1 10	24 17	0 40	9 46	2 17	24 10	0 24	20 38	0 57	17 56	17 2	6 29	6 22	14 48		n.a.
S 8	9 59	16 42	5 15	0 35	1 26	2 40	0 6	24 0	1 11	24 17	0 40	9 43	2 17	24 10	0 24	20 38	0 57	17 57	17 3	6 29	6 24	14 49		n.a.
M 9	9 36	18 19	5 14	0s 4	1 33	3 12	0 9	23 56	1 11	24 17	0 40	9 40	2 17	24 10	0 24	20 38	0 57	17 57	17 3	6 29	6 25	14 51		n.a.
T 10	9 14	18 48	4 55	0 43	1 40	3 44	0 12	23 52	1 12	24 17	0 40	9 38	2 17	24 10	0 24	20 39	0 57	17 58	17 3	6 29	6 26	14 52		n.a.
W11	8 51	18 9	4 18	1 22	1 47	4 16	0 15	23 48	1 12	24 17	0 40	9 35	2 17	24 10	0 24	20 39	0 57	17 58	17 3	6 30	6 27	14 53		n.a.
T 12	8 29	16 25	3 27	2 0	1 53	4 48	0 19	23 43	1 13	24 17	0 40	9 32	2 17	24 10	0 24	20 39	0 57	17 59	17 3	6 30	6 29	14 55		n.a.
F 13	8 6	13 48	2 24	2 37	2 0	5 20	0 22	23 39	1 14	24 17	0 40	9 29	2 17	24 10	0 24	20 40	0 57	17 59	17 3	6 30	6 30	14 56		n.a.
S 14	7 43	10 29	1 15	3 13	2 6	5 52	0 25	23 34	1 14	24 18	0 40	9 27	2 17	24 10	0 24	20 40	0 57	18 0	17 3	6 30	6 31	14 57		n.a.
S 15	7 20	6 42	0 4	3 49	2 12	6 24	0 28	23 29	1 15	24 18	0 40	9 24	2 17	24 10	0 24	20 40	0 57	18 0	17 3	6 30	6 32	14 59		n.a.
M16	6 57	2 41	1s 7	4 24	2 18	6 55	0 31	23 24	1 16	24 18	0 40	9 21	2 17	24 10	0 24	20 41	0 57	18 1	17 3	6 30	6 34	15 0		n.a.
T 17	6 33	1n23	2 13	4 58	2 23	7 27	0 34	23 19	1 16	24 18	0 40	9 18	2 17	24 10	0 24	20 41	0 57	18 1	17 3	6 30	6 35	15 1		n.a.
W18	6 10	5 18	3 12	5 31	2 28	7 58	0 37	23 14	1 17	24 18	0 40	9 16	2 17	24 10	0 24	20 41	0 57	18 2	17 3	6 30	6 36	15 2		n.a.
T 19	5 46	8 55	4 0	6 3	2 33	8 29	0 40	23 9	1 18	24 19	0 40	9 13	2 17	24 10	0 24	20 41	0 57	18 2	17 3	6 30	6 37	15 4		n.a.
F 20	5 23	12 9	4 38	6 33	2 38	9 0	0 43	23 3	1 18	24 19	0 40	9 10	2 17	24 10	0 24	20 42	0 57	18 3	17 3	6 30	6 39	15 5		n.a.
S 21	4 59	14 50	5 4	7 2	2 42	9 30	0 47	22 58	1 19	24 19	0 40	9 7	2 17	24 10	0 24	20 42	0 57	18 3	17 3	6 31	6 40	15 6		n.a.
S 22	4 35	16 54	5 16	7 30	2 46	10 1	0 50	22 52	1 20	24 19	0 40	9 5	2 17	24 10	0 24	20 42	0 57	18 4	17 3	6 31	6 41	15 7		n.a.
M23	4 11	18 15	5 15	7 55	2 49	10 31	0 53	22 46	1 20	24 19	0 40	9 2	2 17	24 10	0 24	20 42	0 57	18 4	17 3	6 31	6 42	15 9		n.a.
T 24	3 47	18 48	5 0	8 19	2 52	11 1	0 56	22 40	1 21	24 20	0 40	8 59	2 17	24 10	0 24	20 42	0 57	18 5	17 3	6 31	6 44	15 10		n.a.
W25	3 23	18 29	4 32	8 41	2 54	11 31	0 59	22 34	1 22	24 20	0 40	8 56	2 17	24 10	0 24	20 43	0 57	18 5	17 3	6 30	6 45	15 11		n.a.
T 26	2 59	17 16	3 50	9 1	2 55	12 0	1 2	22 28	1 22	24 20	0 40	8 54	2 17	24 10	0 24	20 43	0 57	18 6	17 3	6 30	6 46	15 12		n.a.
F 27	2 35	15 8	2 55	9 17	2 56	12 29	1 5	22 21	1 23	24 20	0 40	8 51	2 17	24 10	0 24	20 43	0 57	18 6	17 3	6 30	6 47	15 14		n.a.
S 28	2 10	12 10	1 50	9 31	2 56	12 58	1 8	22 15	1 24	24 21	0 40	8 48	2 17	24 10	0 24	20 43	0 56	18 7	17 3	6 29	6 49	15 15		n.a.
S 29	1 46	8 27	0 37	9 42	2 55	13 27	1 11	22 8	1 25	24 21	0 40	8 45	2 17	24 10	0 24	20 43	0 56	18 7	17 3	6 29	6 50	15 16		n.a.
M30	1n22	4n11	0n41	9s50	2s53	13s55	1s14	22n 2	1n25	24s21	0s40	8n43	2n17	24s10	0s24	20s44	0s56	18s 7	17s 3	6n29	6n51	15n18		n.a.

Julian Day Number = 1315508.5, Delta T = 07h37m40s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'59, Lahiri = -19°17'58 Julian Calendar 1 Sept. 1112 BCE == Greg. Calendar 21 Aug. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

OCTOBER 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 57 0	27♍38'27	5♎26	18♎18	4♏22	29♋49	24♐13	13♍35	26♐ 4	2°R56	23°R37	13°R45	12♍46	28♉39	n.a.	T 1
W 2	0 0 57	28°38'57	19°58	18°28	5°35	0♌24	24°19	13°42	26° 5	2♒56	23♓36	13♍43	12°43	28°46	n.a.	W 2
T 3	0 4 53	29°39'29	4♏36	18°R29	6°47	0°59	24°25	13°49	26° 6	2°55	23°35	13°41	12°40	28°52	n.a.	T 3
F 4	0 8 50	0♎40'03	19°15	18°20	8° 0	1°34	24°31	13°56	26° 7	2°54	23°34	13°39	12°37	28°59	n.a.	F 4
S 5	0 12 46	1°40'38	3♐48	18° 3	9°13	2° 9	24°38	14° 3	26° 8	2°53	23°33	13°37	12°34	29° 6	n.a.	S 5
S 6	0 16 43	2°41'14	18°11	17°35	10°25	2°44	24°45	14° 9	26° 9	2°53	23°32	13°36	12°31	29°13	n.a.	S 6
M 7	0 20 40	3°41'52	2♑20	16°57	11°38	3°19	24°52	14°16	26°10	2°52	23°31	13°D35	12°27	29°19	n.a.	M 7
T 8	0 24 36	4°42'32	16°13	16° 9	12°50	3°53	24°59	14°23	26°11	2°52	23°30	13°36	12°24	29°26	n.a.	T 8
W 9	0 28 33	5°43'12	29°51	15°11	14° 3	4°28	25° 6	14°30	26°12	2°51	23°28	13°37	12°21	29°33	n.a.	W 9
T 10	0 32 29	6°43'54	13♒13	14° 5	15°15	5° 2	25°14	14°37	26°13	2°51	23°27	13°38	12°18	29°39	n.a.	T 10
F 11	0 36 26	7°44'37	26°21	12°51	16°27	5°37	25°21	14°44	26°15	2°50	23°26	13°40	12°15	29°46	n.a.	F 11
S 12	0 40 22	8°45'22	9♓15	11°33	17°39	6°11	25°29	14°51	26°16	2°50	23°25	13°R41	12°12	29°53	n.a.	S 12
S 13	0 44 19	9°46'07	21°58	10°12	18°52	6°45	25°37	14°57	26°17	2°49	23°24	13°40	12° 8	29°59	n.a.	S 13
M14	0 48 15	10°46'54	4♈29	8°51	20° 4	7°19	25°45	15° 4	26°19	2°49	23°23	13°39	12° 5	0♊ 6	n.a.	M14
T 15	0 52 12	11°47'43	16°50	7°32	21°16	7°54	25°53	15°11	26°20	2°48	23°22	13°36	12° 2	0°13	n.a.	T 15
W16	0 56 9	12°48'33	29° 2	6°19	22°28	8°28	26° 1	15°17	26°22	2°48	23°21	13°31	11°59	0°20	n.a.	W16
T 17	1 0 5	13°49'24	11♉ 5	5°13	23°40	9° 2	26°10	15°24	26°23	2°48	23°20	13°26	11°56	0°27	n.a.	T 17
F 18	1 4 2	14°50'17	23° 2	4°17	24°52	9°36	26°19	15°30	26°25	2°48	23°19	13°20	11°52	0°33	n.a.	F 18
S 19	1 7 58	15°51'12	4♊54	3°31	26° 4	10° 9	26°27	15°37	26°26	2°47	23°18	13°14	11°49	0°40	n.a.	S 19
S 20	1 11 55	16°52'08	16°45	2°56	27°15	10°43	26°36	15°44	26°28	2°47	23°17	13° 9	11°46	0°47	n.a.	S 20
M21	1 15 51	17°53'05	28°39	2°33	28°27	11°17	26°45	15°50	26°30	2°47	23°16	13° 6	11°43	0°53	n.a.	M21
T 22	1 19 48	18°54'04	10♋39	2°22	29°39	11°50	26°54	15°56	26°32	2°47	23°15	13° 4	11°40	1° 0	n.a.	T 22
W23	1 23 44	19°55'05	22°50	2°D22	0♐50	12°24	27° 4	16° 3	26°33	2°47	23°14	13°D 4	11°37	1° 7	n.a.	W23
T 24	1 27 41	20°56'06	5♌17	2°32	2° 2	12°57	27°13	16° 9	26°35	2°47	23°13	13° 4	11°33	1°14	n.a.	T 24
F 25	1 31 38	21°57'10	18° 4	2°52	3°13	13°31	27°23	16°15	26°37	2°D47	23°12	13° 6	11°30	1°20	n.a.	F 25
S 26	1 35 34	22°58'14	1♍16	3°20	4°25	14° 4	27°32	16°22	26°39	2°47	23°11	13° 7	11°27	1°27	n.a.	S 26
S 27	1 39 31	23°59'20	14°55	3°57	5°36	14°37	27°42	16°28	26°41	2°47	23°10	13°R 8	11°24	1°34	n.a.	S 27
M28	1 43 27	25° 0'27	29° 2	4°40	6°47	15°10	27°52	16°34	26°43	2°47	23° 9	13° 7	11°21	1°40	n.a.	M28
T 29	1 47 24	26° 1'35	13♎34	5°29	7°58	15°43	28° 2	16°40	26°45	2°47	23° 8	13° 4	11°17	1°47	n.a.	T 29
W30	1 51 20	27° 2'44	28°27	6°24	9°10	16°16	28°12	16°46	26°47	2°47	23° 7	12°58	11°14	1°54	n.a.	W30
T 31	1 55 17	28♎ 3'54	13♏31	7♎24	10♐21	16♌49	28♐22	16♍52	26♐49	2♒47	23♓ 6	12♍52	11♍11	2♊ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n57	0s24	1n57	9s53	2s49	14s23	1s17	21n55	1n26	24s21	0s40	8n40	2n18	24s10	0s24	20s44	0s56	18s 8	17s 3	6n29	6n52	15n19			n.a.
W 2	0 33	5 3	3 7	9 53	2 44	14 51	1 20	21 48	1 27	24 22	0 40	8 37	2 18	24 10	0 24	20 44	0 56	18 8	17 3	6 30	6 53	15 20			n.a.
T 3	0 8	9 25	4 5	9 47	2 38	15 18	1 23	21 41	1 27	24 22	0 40	8 35	2 18	24 10	0 24	20 44	0 56	18 9	17 3	6 31	6 55	15 21			n.a.
F 4	0s16	13 13	4 47	9 37	2 31	15 45	1 26	21 34	1 28	24 22	0 40	8 32	2 18	24 10	0 24	20 44	0 56	18 9	17 3	6 32	6 56	15 22			n.a.
S 5	0 41	16 10	5 11	9 22	2 22	16 11	1 28	21 26	1 29	24 23	0 40	8 29	2 18	24 10	0 24	20 44	0 56	18 9	17 3	6 32	6 57	15 24			n.a.
S 6	1 5	18 4	5 14	9 1	2 11	16 37	1 31	21 19	1 29	24 23	0 40	8 27	2 18	24 10	0 24	20 45	0 56	18 10	17 3	6 33	6 58	15 25			n.a.
M 7	1 30	18 49	4 59	8 34	1 58	17 3	1 34	21 11	1 30	24 23	0 40	8 24	2 18	24 10	0 24	20 45	0 56	18 10	17 3	6 33	7 0	15 26			n.a.
T 8	1 54	18 25	4 26	8 2	1 43	17 28	1 37	21 4	1 31	24 23	0 40	8 22	2 18	24 10	0 24	20 45	0 56	18 11	17 3	6 33	7 1	15 27			n.a.
W 9	2 18	16 57	3 38	7 24	1 27	17 53	1 39	20 56	1 32	24 24	0 40	8 19	2 18	24 10	0 24	20 45	0 56	18 11	17 3	6 33	7 2	15 29			n.a.
T 10	2 43	14 34	2 40	6 42	1 9	18 18	1 42	20 48	1 32	24 24	0 40	8 16	2 18	24 10	0 24	20 45	0 56	18 11	17 3	6 32	7 3	15 30			n.a.
F 11	3 7	11 28	1 34	5 55	0 50	18 41	1 45	20 40	1 33	24 24	0 40	8 14	2 18	24 10	0 24	20 45	0 56	18 12	17 3	6 31	7 5	15 31			n.a.
S 12	3 32	7 51	0 24	5 6	0 30	19 5	1 47	20 32	1 34	24 24	0 40	8 11	2 19	24 10	0 24	20 45	0 56	18 12	17 2	6 31	7 6	15 32			n.a.
S 13	3 56	3 56	0s45	4 15	0 9	19 28	1 50	20 24	1 34	24 25	0 40	8 9	2 19	24 10	0 24	20 45	0 56	18 12	17 2	6 31	7 7	15 34			n.a.
M14	4 20	0n 6	1 52	3 23	0n11	19 50	1 52	20 16	1 35	24 25	0 40	8 6	2 19	24 10	0 24	20 45	0 56	18 13	17 2	6 32	7 8	15 35			n.a.
T 15	4 44	4 5	2 52	2 33	0 32	20 12	1 54	20 8	1 36	24 25	0 40	8 4	2 19	24 10	0 24	20 45	0 56	18 13	17 2	6 33	7 9	15 36			n.a.
W16	5 8	7 50	3 43	1 46	0 51	20 33	1 57	19 59	1 37	24 26	0 40	8 1	2 19	24 10	0 24	20 46	0 56	18 13	17 2	6 35	7 11	15 37			n.a.
T 17	5 32	11 13	4 24	1 3	1 9	20 54	1 59	19 51	1 37	24 26	0 40	7 59	2 19	24 10	0 24	20 46	0 56	18 14	17 2	6 37	7 12	15 38			n.a.
F 18	5 56	14 7	4 52	0 25	1 26	21 15	2 1	19 43	1 38	24 26	0 40	7 56	2 19	24 10	0 24	20 46	0 56	18 14	17 2	6 39	7 13	15 40			n.a.
S 19	6 20	16 24	5 8	0n 7	1 40	21 34	2 3	19 34	1 39	24 26	0 40	7 54	2 19	24 10	0 24	20 46	0 56	18 14	17 2	6 41	7 14	15 41			n.a.
S 20	6 44	18 0	5 11	0 32	1 53	21 53	2 5	19 25	1 40	24 27	0 40	7 51	2 20	24 10	0 24	20 46	0 56	18 15	17 1	6 43	7 16	15 42			n.a.
M21	7 8	18 49	5 0	0 51	2 4	22 12	2 7	19 17	1 40	24 27	0 40	7 49	2 20	24 10	0 24	20 46	0 56	18 15	17 1	6 45	7 17	15 43			n.a.
T 22	7 31	18 48	4 36	1 4	2 13	22 30	2 9	19 8	1 41	24 27	0 40	7 46	2 20	24 10	0 24	20 46	0 56	18 15	17 1	6 45	7 18	15 44			n.a.
W23	7 55	17 55	4 0	1 10	2 20	22 47	2 11	18 59	1 42	24 27	0 40	7 44	2 20	24 10	0 24	20 46	0 56	18 15	17 1	6 46	7 19	15 46			n.a.
T 24	8 18	16 10	3 11	1 11	2 25	23 4	2 13	18 50	1 43	24 27	0 40	7 42	2 20	24 11	0 24	20 46	0 56	18 16	17 1	6 45	7 21	15 47			n.a.
F 25	8 41	13 34	2 12	1 7	2 28	23 20	2 14	18 41	1 43	24 28	0 40	7 39	2 20	24 11	0 24	20 46	0 56	18 16	17 1	6 45	7 22	15 48			n.a.
S 26	9 4	10 12	1 4	0 57	2 31	23 35	2 16	18 32	1 44	24 28	0 40	7 37	2 20	24 11	0 24	20 46	0 56	18 16	17 0	6 44	7 23	15 49			n.a.
S 27	9 27	6 11	0n10	0 43	2 32	23 50	2 17	18 23	1 45	24 28	0 40	7 35	2 21	24 11	0 24	20 46	0 56	18 16	17 0	6 44	7 24	15 50			n.a.
M28	9 50	1 41	1 25	0 26	2 32	24 4	2 19	18 14	1 46	24 28	0 40	7 32	2 21	24 11	0 24	20 46	0 56	18 16	17 0	6 44	7 25	15 52			n.a.
T 29	10 13	3s 2	2 37	0 5	2 30	24 18	2 20	18 4	1 46	24 28	0 40	7 30	2 21	24 11	0 24	20 46	0 56	18 17	17 0	6 46	7 27	15 53			n.a.
W30	10 35	7 40	3 40	0s19	2 28	24 30	2 21	17 55	1 47	24 28	0 40	7 28	2 21	24 11	0 24	20 45	0 56	18 17	17 0	6 48	7 28	15 54			n.a.
T 31	10s57	11s53	4n29	0s46	2n25	24s42	2s23	17n46	1n48	24s29	0s40	7n26	2n21	24s11	0s24	20s45	0s56	18s17	16s59	6n50	7n29	15n55			n.a.

Julian Day Number = 1315538.5, Delta T = 07h37m39s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'55, Lahiri = -19°17'54 Julian Calendar 1 Oct. 1112 BCE == Greg. Calendar 20 Sept. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

NOVEMBER 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 59 13	29♎ 5'04	28♏37	8♎28	11♐32	17♌22	28♐33	16♍58	26♐52	2♒48	23°R 5	12°R44	11♍ 8	2♊ 7	n.a.	F 1
S 2	2 3 10	0♏ 6'16	13♐36	9°36	12°42	17°54	28°43	17° 4	26°54	2°48	23♓ 4	12♍37	11° 5	2°14	n.a.	S 2
S 3	2 7 7	1° 7'28	28°19	10°46	13°53	18°27	28°54	17°10	26°56	2°48	23° 3	12°31	11° 2	2°21	n.a.	S 3
M 4	2 11 3	2° 8'40	12♑40	12° 0	15° 4	18°59	29° 5	17°16	26°59	2°48	23° 2	12°27	10°58	2°28	n.a.	M 4
T 5	2 15 0	3° 9'53	26°37	13°15	16°14	19°31	29°15	17°21	27° 1	2°49	23° 1	12°26	10°55	2°34	n.a.	T 5
W 6	2 18 56	4°11'07	10♒11	14°33	17°25	20° 4	29°26	17°27	27° 3	2°49	23° 1	12°D25	10°52	2°41	n.a.	W 6
T 7	2 22 53	5°12'20	23°22	15°53	18°35	20°36	29°37	17°32	27° 6	2°50	23° 0	12°26	10°49	2°48	n.a.	T 7
F 8	2 26 49	6°13'34	6♓15	17°14	19°45	21° 8	29°48	17°38	27° 8	2°50	22°59	12°R27	10°46	2°54	n.a.	F 8
S 9	2 30 46	7°14'48	18°52	18°36	20°55	21°39	29°59	17°43	27°11	2°51	22°58	12°27	10°43	3° 1	n.a.	S 9
S 10	2 34 42	8°16'02	1♈17	20° 0	22° 5	22°11	0♑11	17°49	27°13	2°51	22°57	12°25	10°39	3° 8	n.a.	S 10
M11	2 38 39	9°17'17	13°33	21°24	23°15	22°43	0°22	17°54	27°16	2°52	22°57	12°21	10°36	3°15	n.a.	M11
T 12	2 42 36	10°18'32	25°40	22°50	24°25	23°14	0°34	18° 0	27°18	2°52	22°56	12°14	10°33	3°21	n.a.	T 12
W13	2 46 32	11°19'47	7♉42	24°16	25°34	23°46	0°46	18° 5	27°21	2°53	22°55	12° 4	10°30	3°28	n.a.	W13
T 14	2 50 29	12°21'03	19°40	25°43	26°44	24°17	0°57	18°10	27°24	2°54	22°55	11°52	10°27	3°35	n.a.	T 14
F 15	2 54 25	13°22'19	1♊34	27°11	27°53	24°48	1° 9	18°15	27°26	2°54	22°54	11°40	10°23	3°41	n.a.	F 15
S 16	2 58 22	14°23'35	13°26	28°39	29° 2	25°19	1°21	18°20	27°29	2°55	22°53	11°27	10°20	3°48	n.a.	S 16
S 17	3 2 18	15°24'52	25°18	0♏ 8	0♑11	25°50	1°33	18°25	27°32	2°56	22°53	11°16	10°17	3°55	n.a.	S 17
M18	3 6 15	16°26'09	7♋12	1°37	1°20	26°20	1°45	18°30	27°35	2°57	22°52	11° 7	10°14	4° 2	n.a.	M18
T 19	3 10 11	17°27'27	19°11	3° 7	2°29	26°51	1°57	18°35	27°38	2°57	22°51	11° 0	10°11	4° 8	n.a.	T 19
W20	3 14 8	18°28'45	1♌20	4°37	3°37	27°22	2° 9	18°39	27°41	2°58	22°51	10°56	10° 8	4°15	n.a.	W20
T 21	3 18 5	19°30'03	13°42	6° 7	4°46	27°52	2°22	18°44	27°43	2°59	22°50	10°55	10° 4	4°22	n.a.	T 21
F 22	3 22 1	20°31'21	26°22	7°38	5°54	28°22	2°34	18°49	27°46	3° 0	22°50	10°D55	10° 1	4°29	n.a.	F 22
S 23	3 25 58	21°32'40	9♍25	9° 9	7° 2	28°52	2°46	18°53	27°49	3° 1	22°49	10°R55	9°58	4°35	n.a.	S 23
S 24	3 29 54	22°33'59	22°56	10°41	8°10	29°22	2°59	18°57	27°52	3° 2	22°49	10°54	9°55	4°42	n.a.	S 24
M25	3 33 51	23°35'18	6♎56	12°13	9°17	29°52	3°12	19° 2	27°55	3° 3	22°48	10°52	9°52	4°49	n.a.	M25
T 26	3 37 47	24°36'37	21°25	13°45	10°25	0♍21	3°24	19° 6	27°58	3° 4	22°48	10°47	9°49	4°55	n.a.	T 26
W27	3 41 44	25°37'56	6♏21	15°17	11°32	0°51	3°37	19°10	28° 1	3° 5	22°47	10°39	9°45	5° 2	n.a.	W27
T 28	3 45 41	26°39'15	21°34	16°50	12°39	1°20	3°50	19°14	28° 5	3° 6	22°47	10°28	9°42	5° 9	n.a.	T 28
F 29	3 49 37	27°40'34	6♐56	18°24	13°46	1°49	4° 3	19°18	28° 8	3° 8	22°46	10°17	9°39	5°16	n.a.	F 29
S 30	3 53 34	28♏41'52	22♐14	19♏57	14♑53	2♍18	4♑16	19♍22	28♐11	3♒ 9	22♓46	10♍ 6	9♍36	5♊22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s19	15s19	4n59	1s15	2n22	24s54	2s24	17n36	1n49	24s29	0s40	7n23	2n21	24s11	0s24	20s45	0s56	18s17	16s59	6n53	7n30	15n56		n.a.
S 2	11 41	17 43	5 8	1 45	2 18	25 4	2 25	17 27	1 50	24 29	0 40	7 21	2 22	24 11	0 24	20 45	0 56	18 17	16 59	6 56	7 32	15 58		n.a.
S 3	12 3	18 53	4 56	2 18	2 13	25 14	2 25	17 17	1 50	24 29	0 40	7 19	2 22	24 11	0 24	20 45	0 56	18 17	16 59	6 58	7 33	15 59		n.a.
M 4	12 25	18 48	4 26	2 51	2 8	25 24	2 26	17 8	1 51	24 29	0 40	7 17	2 22	24 11	0 24	20 45	0 56	18 18	16 58	7 0	7 34	16 0		n.a.
T 5	12 46	17 33	3 41	3 26	2 2	25 32	2 27	16 58	1 52	24 29	0 40	7 15	2 22	24 11	0 24	20 45	0 56	18 18	16 58	7 0	7 35	16 1		n.a.
W 6	13 7	15 20	2 45	4 2	1 57	25 40	2 27	16 49	1 53	24 29	0 40	7 13	2 22	24 11	0 24	20 45	0 56	18 18	16 58	7 0	7 36	16 2		n.a.
T 7	13 28	12 22	1 41	4 39	1 51	25 47	2 28	16 39	1 54	24 29	0 40	7 11	2 22	24 11	0 24	20 45	0 56	18 18	16 58	7 0	7 38	16 3		n.a.
F 8	13 49	8 51	0 33	5 16	1 44	25 53	2 28	16 29	1 55	24 29	0 40	7 9	2 23	24 11	0 24	20 45	0 56	18 18	16 57	7 0	7 39	16 5		n.a.
S 9	14 9	5 0	0s34	5 54	1 38	25 59	2 29	16 20	1 55	24 29	0 40	7 7	2 23	24 11	0 24	20 44	0 56	18 18	16 57	7 0	7 40	16 6		n.a.
S 10	14 29	1 0	1 39	6 32	1 31	26 4	2 29	16 10	1 56	24 29	0 40	7 5	2 23	24 11	0 24	20 44	0 56	18 18	16 57	7 0	7 41	16 7		n.a.
M11	14 49	3n 0	2 38	7 11	1 24	26 8	2 29	16 0	1 57	24 29	0 40	7 3	2 23	24 11	0 24	20 44	0 56	18 18	16 57	7 2	7 43	16 8		n.a.
T 12	15 9	6 50	3 30	7 50	1 17	26 11	2 29	15 50	1 58	24 29	0 40	7 1	2 23	24 11	0 24	20 44	0 56	18 18	16 56	7 5	7 44	16 9		n.a.
W13	15 28	10 21	4 11	8 28	1 10	26 13	2 29	15 41	1 59	24 29	0 40	6 59	2 24	24 11	0 24	20 44	0 56	18 18	16 56	7 9	7 45	16 10		n.a.
T 14	15 47	13 26	4 41	9 7	1 3	26 15	2 28	15 31	2 0	24 29	0 40	6 57	2 24	24 11	0 24	20 44	0 56	18 18	16 56	7 13	7 46	16 12		n.a.
F 15	16 6	15 56	4 58	9 46	0 56	26 16	2 28	15 21	2 0	24 29	0 40	6 55	2 24	24 11	0 24	20 43	0 56	18 18	16 55	7 18	7 47	16 13		n.a.
S 16	16 25	17 46	5 3	10 25	0 49	26 17	2 27	15 11	2 1	24 29	0 40	6 53	2 24	24 12	0 24	20 43	0 56	18 18	16 55	7 23	7 49	16 14		n.a.
S 17	16 43	18 51	4 54	11 3	0 41	26 16	2 27	15 1	2 2	24 29	0 40	6 52	2 24	24 12	0 24	20 43	0 56	18 18	16 55	7 27	7 50	16 15		n.a.
M18	17 1	19 6	4 32	11 41	0 34	26 15	2 26	14 52	2 3	24 29	0 40	6 50	2 25	24 12	0 24	20 43	0 56	18 18	16 55	7 31	7 51	16 16		n.a.
T 19	17 19	18 29	3 59	12 19	0 27	26 13	2 25	14 42	2 4	24 29	0 40	6 48	2 25	24 12	0 23	20 43	0 55	18 18	16 54	7 33	7 52	16 17		n.a.
W20	17 36	17 2	3 14	12 57	0 20	26 10	2 24	14 32	2 5	24 29	0 40	6 47	2 25	24 12	0 23	20 42	0 55	18 18	16 54	7 35	7 54	16 18		n.a.
T 21	17 53	14 46	2 19	13 34	0 13	26 7	2 23	14 22	2 6	24 28	0 40	6 45	2 25	24 12	0 23	20 42	0 55	18 18	16 54	7 36	7 55	16 20		n.a.
F 22	18 10	11 44	1 17	14 11	0 6	26 3	2 21	14 12	2 7	24 28	0 40	6 43	2 26	24 12	0 23	20 42	0 55	18 18	16 53	7 36	7 56	16 21		n.a.
S 23	18 26	8 2	0 8	14 47	0s 1	25 58	2 20	14 2	2 7	24 28	0 40	6 42	2 26	24 12	0 23	20 42	0 55	18 18	16 53	7 35	7 57	16 22		n.a.
S 24	18 42	3 49	1n 3	15 23	0 8	25 52	2 18	13 53	2 8	24 28	0 40	6 40	2 26	24 12	0 23	20 41	0 55	18 18	16 53	7 36	7 58	16 23		n.a.
M25	18 58	0s46	2 13	15 59	0 14	25 46	2 17	13 43	2 9	24 27	0 40	6 39	2 26	24 12	0 23	20 41	0 55	18 18	16 52	7 37	8 0	16 24		n.a.
T 26	19 14	5 27	3 17	16 33	0 21	25 39	2 15	13 33	2 10	24 27	0 40	6 37	2 26	24 12	0 23	20 41	0 55	18 18	16 52	7 39	8 1	16 25		n.a.
W27	19 29	9 56	4 9	17 7	0 28	25 31	2 13	13 23	2 11	24 27	0 40	6 36	2 27	24 12	0 23	20 41	0 55	18 18	16 52	7 42	8 2	16 26		n.a.
T 28	19 43	13 52	4 45	17 41	0 34	25 23	2 11	13 14	2 12	24 26	0 40	6 34	2 27	24 12	0 23	20 40	0 55	18 17	16 51	7 46	8 3	16 27		n.a.
F 29	19 58	16 53	5 0	18 13	0 40	25 14	2 9	13 4	2 13	24 26	0 40	6 33	2 27	24 12	0 23	20 40	0 55	18 17	16 51	7 50	8 5	16 28		n.a.
S 30	20s11	18s42	4n54	18s45	0s46	25s 4	2s 6	12n54	2n14	24s26	0s40	6n32	2n27	24s12	0s23	20s40	0s55	18s17	16s51	7n54	8n 6	16n30		n.a.

Julian Day Number = 1315569.5, Delta T = 07h37m37s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'50, Lahiri = -19°17'50 Julian Calendar 1 Nov. 1112 BCE == Greg. Calendar 21 Oct. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1112 BCE
geocentric

DECEMBER 1112 BCE (-1111) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 30	29♏43'10	7♉16	21♏31	15♉59	2♍46	4♉29	19♍26	28♐14	3♒10	22°R46	9°R56	9♍33	5♊29	n.a.	S 1
M 2	4 1 27	0♐44'28	21°55	23° 6	17° 5	3°15	4°42	19°30	28°17	3°11	22♓45	9♍49	9°29	5°36	n.a.	M 2
T 3	4 5 23	1°45'45	6♒ 5	24°41	18°11	3°43	4°55	19°34	28°20	3°13	22°45	9°44	9°26	5°43	n.a.	T 3
W 4	4 9 20	2°47'01	19°47	26°16	19°17	4°11	5° 8	19°37	28°24	3°14	22°45	9°42	9°23	5°49	n.a.	W 4
T 5	4 13 16	3°48'16	3♓ 0	27°52	20°22	4°39	5°22	19°41	28°27	3°15	22°44	9°42	9°20	5°56	n.a.	T 5
F 6	4 17 13	4°49'30	15°51	29°28	21°27	5° 7	5°35	19°44	28°30	3°17	22°44	9°42	9°17	6° 3	n.a.	F 6
S 7	4 21 10	5°50'43	28°22	1♐ 4	22°32	5°34	5°48	19°47	28°33	3°18	22°44	9°41	9°14	6° 9	n.a.	S 7
S 8	4 25 6	6°51'56	10♈38	2°41	23°37	6° 2	6° 2	19°51	28°37	3°19	22°44	9°38	9°10	6°16	n.a.	S 8
M 9	4 29 3	7°53'07	22°44	4°19	24°41	6°29	6°15	19°54	28°40	3°21	22°43	9°32	9° 7	6°23	n.a.	M 9
T 10	4 32 59	8°54'18	4♉42	5°57	25°45	6°56	6°29	19°57	28°43	3°22	22°43	9°23	9° 4	6°30	n.a.	T 10
W11	4 36 56	9°55'28	16°37	7°36	26°48	7°22	6°42	20° 0	28°47	3°24	22°43	9°11	9° 1	6°36	n.a.	W11
T 12	4 40 52	10°56'37	28°30	9°15	27°51	7°49	6°56	20° 3	28°50	3°25	22°43	8°57	8°58	6°43	n.a.	T 12
F 13	4 44 49	11°57'45	10♊23	10°55	28°54	8°15	7°10	20° 5	28°53	3°27	22°43	8°42	8°54	6°50	n.a.	F 13
S 14	4 48 46	12°58'52	22°16	12°35	29°57	8°41	7°23	20° 8	28°57	3°29	22°43	8°27	8°51	6°57	n.a.	S 14
S 15	4 52 42	13°59'58	4♋12	14°16	0♒59	9° 7	7°37	20°11	29° 0	3°30	22°43	8°13	8°48	7° 3	n.a.	S 15
M16	4 56 39	15° 1'04	16°11	15°57	2° 1	9°33	7°51	20°13	29° 4	3°32	22°43	8° 2	8°45	7°10	n.a.	M16
T 17	5 0 35	16° 2'08	28°16	17°39	3° 2	9°58	8° 5	20°15	29° 7	3°33	22°D43	7°53	8°42	7°17	n.a.	T 17
W18	5 4 32	17° 3'12	10♌28	19°22	4° 3	10°23	8°19	20°18	29°10	3°35	22°43	7°47	8°39	7°23	n.a.	W18
T 19	5 8 28	18° 4'15	22°52	21° 5	5° 3	10°48	8°32	20°20	29°14	3°37	22°43	7°45	8°35	7°30	n.a.	T 19
F 20	5 12 25	19° 5'17	5♍31	22°49	6° 3	11°12	8°46	20°22	29°17	3°39	22°43	7°D44	8°32	7°37	n.a.	F 20
S 21	5 16 21	20° 6'19	18°29	24°33	7° 3	11°36	9° 0	20°24	29°21	3°40	22°43	7°R44	8°29	7°44	n.a.	S 21
S 22	5 20 18	21° 7'19	1♎51	26°18	8° 2	12° 0	9°14	20°26	29°24	3°42	22°43	7°44	8°26	7°50	n.a.	S 22
M23	5 24 15	22° 8'19	15°39	28° 3	9° 1	12°24	9°28	20°28	29°28	3°44	22°43	7°42	8°23	7°57	n.a.	M23
T 24	5 28 11	23° 9'17	29°54	29°49	9°59	12°48	9°43	20°29	29°31	3°46	22°43	7°37	8°20	8° 4	n.a.	T 24
W25	5 32 8	24°10'15	14♏36	1♉35	10°56	13°11	9°57	20°31	29°35	3°48	22°43	7°30	8°16	8°10	n.a.	W25
T 26	5 36 4	25°11'12	29°39	3°22	11°53	13°33	10°11	20°32	29°38	3°49	22°44	7°21	8°13	8°17	n.a.	T 26
F 27	5 40 1	26°12'07	14♐55	5° 8	12°50	13°56	10°25	20°34	29°42	3°51	22°44	7°10	8°10	8°24	n.a.	F 27
S 28	5 43 57	27°13'01	0♉12	6°55	13°46	14°18	10°39	20°35	29°45	3°53	22°44	6°59	8° 7	8°31	n.a.	S 28
S 29	5 47 54	28°13'54	15°20	8°41	14°41	14°40	10°53	20°36	29°49	3°55	22°44	6°50	8° 4	8°37	n.a.	S 29
M30	5 51 50	29°14'46	0♒ 8	10°28	15°36	15° 1	11° 8	20°37	29°52	3°57	22°45	6°42	8° 0	8°44	n.a.	M30
T 31	5 55 47	0♉15'35	14♒30	12♉14	16♒30	15♍23	11♉22	20♍38	29♐56	3♒59	22♓45	6♍38	7♍57	8♊51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s25	19s10	4n28	19s17	0s52	24s54	2s 4	12n44	2n15	24s25	0s40	6n30	2n28	24s12	0s23	20s39	0s55	18s17	16s50	7n58	8n 7	16n31			n.a.
M 2	20 38	18 19	3 44	19 47	0 58	24 43	2 1	12 35	2 16	24 25	0 40	6 29	2 28	24 12	0 23	20 39	0 55	18 17	16 50	8 1	8 8	16 32			n.a.
T 3	20 51	16 21	2 48	20 16	1 4	24 31	1 58	12 25	2 17	24 24	0 41	6 28	2 28	24 12	0 23	20 39	0 55	18 17	16 50	8 2	8 9	16 33			n.a.
W 4	21 3	13 29	1 43	20 45	1 9	24 19	1 56	12 16	2 18	24 24	0 41	6 27	2 28	24 12	0 23	20 39	0 55	18 16	16 49	8 3	8 11	16 34			n.a.
T 5	21 15	10 1	0 35	21 13	1 14	24 6	1 52	12 6	2 19	24 23	0 41	6 25	2 29	24 12	0 23	20 38	0 55	18 16	16 49	8 3	8 12	16 35			n.a.
F 6	21 27	6 10	0s32	21 39	1 20	23 53	1 49	11 57	2 20	24 23	0 41	6 24	2 29	24 12	0 23	20 38	0 55	18 16	16 49	8 3	8 13	16 36			n.a.
S 7	21 38	2 8	1 37	22 5	1 24	23 39	1 46	11 47	2 21	24 22	0 41	6 23	2 29	24 12	0 23	20 38	0 55	18 16	16 48	8 4	8 14	16 37			n.a.
S 8	21 48	1n54	2 36	22 29	1 29	23 24	1 42	11 38	2 22	24 22	0 41	6 22	2 29	24 12	0 23	20 37	0 55	18 16	16 48	8 5	8 15	16 38			n.a.
M 9	21 59	5 48	3 26	22 52	1 33	23 9	1 39	11 29	2 23	24 21	0 41	6 21	2 30	24 13	0 23	20 37	0 55	18 15	16 48	8 7	8 17	16 40			n.a.
T 10	22 8	9 25	4 7	23 15	1 37	22 53	1 35	11 19	2 24	24 21	0 41	6 20	2 30	24 13	0 23	20 36	0 55	18 15	16 47	8 11	8 18	16 41			n.a.
W11	22 18	12 39	4 37	23 35	1 41	22 37	1 31	11 10	2 25	24 20	0 41	6 19	2 30	24 13	0 23	20 36	0 55	18 15	16 47	8 15	8 19	16 42			n.a.
T 12	22 27	15 22	4 54	23 55	1 45	22 20	1 27	11 1	2 26	24 19	0 41	6 18	2 31	24 13	0 23	20 36	0 55	18 15	16 46	8 20	8 20	16 43			n.a.
F 13	22 35	17 26	4 59	24 13	1 48	22 3	1 23	10 52	2 27	24 19	0 41	6 17	2 31	24 13	0 23	20 35	0 55	18 14	16 46	8 26	8 21	16 44			n.a.
S 14	22 43	18 46	4 51	24 30	1 51	21 46	1 18	10 43	2 28	24 18	0 41	6 17	2 31	24 13	0 23	20 35	0 55	18 14	16 46	8 32	8 23	16 45			n.a.
S 15	22 51	19 16	4 30	24 46	1 54	21 27	1 14	10 34	2 29	24 17	0 41	6 16	2 31	24 13	0 23	20 35	0 55	18 14	16 45	8 37	8 24	16 46			n.a.
M16	22 58	18 55	3 56	24 59	1 56	21 9	1 9	10 25	2 30	24 16	0 41	6 15	2 32	24 13	0 23	20 34	0 55	18 13	16 45	8 42	8 25	16 47			n.a.
T 17	23 5	17 42	3 12	25 12	1 58	20 50	1 4	10 16	2 31	24 16	0 41	6 14	2 32	24 13	0 23	20 34	0 55	18 13	16 45	8 45	8 26	16 48			n.a.
W18	23 11	15 40	2 19	25 22	1 59	20 30	0 59	10 8	2 32	24 15	0 41	6 14	2 32	24 13	0 23	20 33	0 55	18 13	16 44	8 47	8 28	16 49			n.a.
T 19	23 17	12 53	1 18	25 31	2 0	20 11	0 54	9 59	2 33	24 14	0 41	6 13	2 32	24 13	0 23	20 33	0 55	18 12	16 44	8 48	8 29	16 50			n.a.
F 20	23 22	9 27	0 12	25 38	2 1	19 50	0 48	9 51	2 34	24 13	0 41	6 13	2 33	24 13	0 23	20 32	0 55	18 12	16 44	8 48	8 30	16 51			n.a.
S 21	23 27	5 29	0n57	25 44	2 1	19 30	0 43	9 42	2 35	24 12	0 41	6 12	2 33	24 13	0 23	20 32	0 55	18 12	16 43	8 48	8 31	16 52			n.a.
S 22	23 31	1 9	2 4	25 47	2 1	19 9	0 37	9 34	2 36	24 11	0 41	6 12	2 33	24 13	0 23	20 32	0 55	18 11	16 43	8 48	8 32	16 53			n.a.
M23	23 35	3s24	3 6	25 49	2 0	18 48	0 31	9 26	2 37	24 10	0 42	6 11	2 34	24 13	0 23	20 31	0 55	18 11	16 42	8 49	8 34	16 55			n.a.
T 24	23 39	7 53	3 59	25 48	1 59	18 26	0 25	9 17	2 38	24 9	0 42	6 11	2 34	24 13	0 23	20 31	0 55	18 11	16 42	8 51	8 35	16 56			n.a.
W25	23 42	12 3	4 38	25 46	1 57	18 5	0 19	9 9	2 39	24 8	0 42	6 10	2 34	24 13	0 23	20 30	0 55	18 10	16 42	8 53	8 36	16 57			n.a.
T 26	23 44	15 32	4 59	25 41	1 55	17 42	0 13	9 2	2 40	24 7	0 42	6 10	2 34	24 13	0 23	20 30	0 55	18 10	16 41	8 57	8 37	16 58			n.a.
F 27	23 46	18 0	4 59	25 35	1 52	17 20	0 6	8 54	2 41	24 6	0 42	6 10	2 35	24 13	0 23	20 29	0 55	18 9	16 41	9 1	8 38	16 59			n.a.
S 28	23 48	19 12	4 38	25 26	1 48	16 58	0n 0	8 46	2 43	24 5	0 42	6 9	2 35	24 13	0 24	20 29	0 55	18 9	16 41	9 5	8 40	17 0			n.a.
S 29	23 49	19 0	3 57	25 16	1 44	16 35	0 7	8 38	2 44	24 4	0 42	6 9	2 35	24 13	0 24	20 28	0 55	18 8	16 40	9 9	8 41	17 1			n.a.
M30	23 49	17 30	3 1	25 3	1 39	16 12	0 14	8 31	2 45	24 3	0 42	6 9	2 36	24 13	0 24	20 28	0 55	18 8	16 40	9 11	8 42	17 2			n.a.
T 31	23s49	14s55	1n55	24s48	1s33	15s49	0n21	8n24	2n46	24s 2	0s42	6n 9	2n36	24s13	0s24	20s27	0s55	18s 8	16s40	9n13	8n43	17n 3			n.a.

Julian Day Number = 1315599.5, Delta T = 07h37m35s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'46, Lahiri = -19°17'46 Julian Calendar 1 Dec. 1112 BCE == Greg. Calendar 20 Nov. 1112 BCE

The year -1111 astronomical counting style corresponds to year 1112 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

JANUARY 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 59 44	1♉16'23	28♒23	13♉59	17♒23	15♍43	11♉36	20♍39	29♐59	4♒ 1	22♓45	6°R36	7♍54	8♊58	n.a.	W 1
T 2	6 3 40	2°17'09	11♓46	15°43	18°15	16° 4	11°50	20°40	0♉ 3	4° 3	22°45	6°D36	7°51	9° 4	n.a.	T 2
F 3	6 7 37	3°17'54	24°42	17°25	19° 7	16°24	12° 5	20°41	0° 6	4° 5	22°46	6♍36	7°48	9°11	n.a.	F 3
S 4	6 11 33	4°18'36	7♈16	19° 6	19°58	16°44	12°19	20°41	0°10	4° 7	22°46	6°R37	7°45	9°18	n.a.	S 4
S 5	6 15 30	5°19'16	19°33	20°45	20°49	17° 3	12°33	20°42	0°13	4° 9	22°47	6°35	7°41	9°24	n.a.	S 5
M 6	6 19 26	6°19'55	1♉36	22°21	21°38	17°22	12°48	20°42	0°17	4°11	22°47	6°32	7°38	9°31	n.a.	M 6
T 7	6 23 23	7°20'32	13°32	23°54	22°27	17°40	13° 2	20°42	0°20	4°13	22°47	6°26	7°35	9°38	n.a.	T 7
W 8	6 27 19	8°21'07	25°24	25°23	23°14	17°59	13°16	20°42	0°23	4°15	22°48	6°18	7°32	9°45	n.a.	W 8
T 9	6 31 16	9°21'40	7♊15	26°48	24° 1	18°16	13°31	20°R42	0°27	4°17	22°48	6° 8	7°29	9°51	n.a.	T 9
F 10	6 35 13	10°22'11	19° 9	28° 8	24°47	18°34	13°45	20°42	0°30	4°19	22°49	5°57	7°26	9°58	n.a.	F 10
S 11	6 39 9	11°22'41	1♋ 5	29°22	25°31	18°50	14° 0	20°42	0°34	4°22	22°49	5°45	7°22	10° 5	n.a.	S 11
S 12	6 43 6	12°23'08	13° 8	0♒29	26°15	19° 7	14°14	20°42	0°37	4°24	22°50	5°35	7°19	10°12	n.a.	S 12
M13	6 47 2	13°23'34	25°16	1°30	26°58	19°23	14°28	20°41	0°41	4°26	22°51	5°27	7°16	10°18	n.a.	M13
T 14	6 50 59	14°23'58	7♌32	2°22	27°39	19°38	14°43	20°41	0°44	4°28	22°51	5°21	7°13	10°25	n.a.	T 14
W15	6 54 55	15°24'21	19°57	3° 7	28°19	19°54	14°57	20°40	0°48	4°30	22°52	5°17	7°10	10°32	n.a.	W15
T 16	6 58 52	16°24'41	2♍33	3°42	28°58	20° 8	15°12	20°40	0°51	4°32	22°52	5°D16	7° 6	10°38	n.a.	T 16
F 17	7 2 49	17°25'00	15°21	4° 8	29°36	20°22	15°26	20°39	0°54	4°34	22°53	5°16	7° 3	10°45	n.a.	F 17
S 18	7 6 45	18°25'17	28°25	4°24	0♓12	20°36	15°40	20°38	0°58	4°37	22°54	5°17	7° 0	10°52	n.a.	S 18
S 19	7 10 42	19°25'33	11♎47	4°R31	0°48	20°49	15°55	20°37	1° 1	4°39	22°54	5°19	6°57	10°59	n.a.	S 19
M20	7 14 38	20°25'46	25°29	4°28	1°21	21° 2	16° 9	20°36	1° 4	4°41	22°55	5°R19	6°54	11° 5	n.a.	M20
T 21	7 18 35	21°25'59	9♏32	4°15	1°53	21°14	16°23	20°35	1° 8	4°43	22°56	5°17	6°51	11°12	n.a.	T 21
W22	7 22 31	22°26'09	23°55	3°53	2°24	21°25	16°38	20°34	1°11	4°46	22°57	5°14	6°47	11°19	n.a.	W22
T 23	7 26 28	23°26'18	8♐37	3°22	2°53	21°36	16°52	20°32	1°14	4°48	22°57	5° 9	6°44	11°26	n.a.	T 23
F 24	7 30 24	24°26'26	23°31	2°43	3°21	21°46	17° 7	20°31	1°18	4°50	22°58	5° 3	6°41	11°32	n.a.	F 24
S 25	7 34 21	25°26'31	8♑29	1°58	3°46	21°56	17°21	20°29	1°21	4°52	22°59	4°56	6°38	11°39	n.a.	S 25
S 26	7 38 17	26°26'35	23°22	1° 7	4°10	22° 5	17°35	20°28	1°24	4°55	23° 0	4°51	6°35	11°46	n.a.	S 26
M27	7 42 14	27°26'36	8♒ 2	0°11	4°32	22°14	17°49	20°26	1°27	4°57	23° 1	4°47	6°32	11°52	n.a.	M27
T 28	7 46 11	28°26'35	22°22	29♑12	4°53	22°22	18° 4	20°24	1°31	4°59	23° 1	4°44	6°28	11°59	n.a.	T 28
W29	7 50 7	29°26'32	6♓17	28°12	5°11	22°29	18°18	20°22	1°34	5° 1	23° 2	4°D44	6°25	12° 6	n.a.	W29
T 30	7 54 4	0♒26'27	19°46	27°11	5°27	22°35	18°32	20°20	1°37	5° 4	23° 3	4°44	6°22	12°13	n.a.	T 30
F 31	7 58 0	1♒26'19	2♈49	26♑12	5♓41	22♍41	18♑47	20♍18	1♉40	5♒ 6	23♓ 4	4♍46	6♍19	12♊19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s49	11 s33	0n44	24 s31	1 s27	15 s25	0n28	8n17	2n47	24 s 1	0 s42	6n 9	2n36	24 s13	0 s24	20 s27	0 s55	18 s 7	16 s39	9n14	8n44	17n 4			n.a.
T 2	23 48	7 41	0 s28	24 12	1 19	15 2	0 36	8 10	2 48	23 59	0 42	6 9	2 36	24 13	0 24	20 26	0 55	18 7	16 39	9 14	8 46	17 5			n.a.
F 3	23 47	3 35	1 35	23 51	1 11	14 39	0 43	8 3	2 49	23 58	0 42	6 9	2 37	24 13	0 24	20 26	0 55	18 6	16 39	9 14	8 47	17 6			n.a.
S 4	23 45	0n33	2 36	23 28	1 2	14 15	0 51	7 56	2 50	23 57	0 42	6 9	2 37	24 13	0 24	20 26	0 55	18 6	16 38	9 14	8 48	17 7			n.a.
S 5	23 43	4 34	3 28	23 4	0 53	13 51	0 59	7 49	2 52	23 56	0 42	6 9	2 37	24 13	0 24	20 25	0 55	18 5	16 38	9 14	8 49	17 8			n.a.
M 6	23 40	8 19	4 10	22 38	0 42	13 28	1 7	7 43	2 53	23 54	0 43	6 9	2 38	24 13	0 24	20 25	0 55	18 5	16 37	9 15	8 50	17 9			n.a.
T 7	23 37	11 42	4 41	22 11	0 31	13 4	1 16	7 36	2 54	23 53	0 43	6 9	2 38	24 13	0 24	20 24	0 55	18 4	16 37	9 18	8 52	17 10			n.a.
W 8	23 33	14 35	4 59	21 42	0 19	12 40	1 24	7 30	2 55	23 51	0 43	6 9	2 38	24 13	0 24	20 24	0 55	18 4	16 37	9 21	8 53	17 11			n.a.
T 9	23 29	16 52	5 4	21 14	0 6	12 17	1 33	7 24	2 56	23 50	0 43	6 10	2 38	24 13	0 24	20 23	0 55	18 3	16 36	9 24	8 54	17 12			n.a.
F 10	23 25	18 27	4 56	20 44	0n 8	11 53	1 41	7 18	2 57	23 49	0 43	6 10	2 39	24 13	0 24	20 22	0 55	18 3	16 36	9 29	8 55	17 13			n.a.
S 11	23 20	19 14	4 36	20 15	0 22	11 29	1 50	7 13	2 59	23 47	0 43	6 10	2 39	24 13	0 24	20 22	0 55	18 2	16 36	9 33	8 56	17 14			n.a.
S 12	23 14	19 9	4 2	19 46	0 37	11 6	1 59	7 7	3 0	23 46	0 43	6 11	2 39	24 13	0 24	20 21	0 55	18 2	16 35	9 37	8 58	17 15			n.a.
M13	23 8	18 11	3 18	19 17	0 53	10 43	2 9	7 2	3 1	23 44	0 43	6 11	2 39	24 13	0 24	20 21	0 55	18 1	16 35	9 40	8 59	17 16			n.a.
T 14	23 2	16 22	2 23	18 50	1 9	10 20	2 18	6 57	3 2	23 43	0 43	6 11	2 40	24 13	0 24	20 20	0 55	18 1	16 35	9 42	9 0	17 17			n.a.
W15	22 55	13 47	1 22	18 24	1 25	9 57	2 28	6 52	3 3	23 41	0 43	6 12	2 40	24 13	0 24	20 20	0 55	18 0	16 34	9 43	9 1	17 18			n.a.
T 16	22 48	10 30	0 15	18 0	1 41	9 34	2 37	6 47	3 4	23 40	0 43	6 12	2 40	24 13	0 24	20 19	0 55	17 59	16 34	9 44	9 2	17 19			n.a.
F 17	22 40	6 42	0n54	17 38	1 58	9 11	2 47	6 43	3 6	23 38	0 43	6 13	2 41	24 13	0 24	20 19	0 55	17 59	16 34	9 44	9 4	17 20			n.a.
S 18	22 32	2 30	2 2	17 18	2 14	8 49	2 57	6 38	3 7	23 37	0 44	6 14	2 41	24 13	0 24	20 18	0 55	17 58	16 33	9 43	9 5	17 21			n.a.
S 19	22 24	1 s55	3 4	17 1	2 29	8 27	3 7	6 34	3 8	23 35	0 44	6 14	2 41	24 13	0 24	20 18	0 55	17 58	16 33	9 43	9 6	17 22			n.a.
M20	22 15	6 19	3 58	16 48	2 44	8 5	3 18	6 30	3 9	23 33	0 44	6 15	2 41	24 13	0 24	20 17	0 55	17 57	16 33	9 43	9 7	17 23			n.a.
T 21	22 5	10 30	4 39	16 37	2 59	7 44	3 28	6 26	3 10	23 32	0 44	6 16	2 42	24 13	0 24	20 17	0 55	17 57	16 32	9 43	9 8	17 24			n.a.
W22	21 55	14 10	5 3	16 30	3 11	7 23	3 39	6 23	3 11	23 30	0 44	6 16	2 42	24 13	0 24	20 16	0 55	17 56	16 32	9 45	9 10	17 25			n.a.
T 23	21 45	17 1	5 9	16 26	3 23	7 3	3 49	6 19	3 13	23 28	0 44	6 17	2 42	24 13	0 24	20 16	0 55	17 55	16 32	9 47	9 11	17 26			n.a.
F 24	21 35	18 47	4 54	16 25	3 33	6 43	4 0	6 16	3 14	23 26	0 44	6 18	2 42	24 13	0 24	20 15	0 55	17 55	16 31	9 49	9 12	17 27			n.a.
S 25	21 24	19 15	4 18	16 27	3 41	6 23	4 11	6 14	3 15	23 25	0 44	6 19	2 43	24 13	0 24	20 14	0 55	17 54	16 31	9 51	9 13	17 28			n.a.
S 26	21 12	18 23	3 26	16 32	3 47	6 5	4 22	6 11	3 16	23 23	0 44	6 20	2 43	24 13	0 24	20 14	0 55	17 54	16 31	9 53	9 14	17 29			n.a.
M27	21 0	16 18	2 20	16 40	3 52	5 46	4 33	6 8	3 17	23 21	0 45	6 21	2 43	24 13	0 24	20 13	0 55	17 53	16 31	9 55	9 16	17 30			n.a.
T 28	20 48	13 14	1 7	16 50	3 54	5 28	4 44	6 6	3 18	23 19	0 45	6 22	2 44	24 13	0 24	20 13	0 55	17 52	16 30	9 56	9 17	17 31			n.a.
W29	20 36	9 29	0 s 9	17 2	3 54	5 11	4 55	6 4	3 19	23 17	0 45	6 23	2 44	24 13	0 24	20 12	0 55	17 52	16 30	9 56	9 18	17 32			n.a.
T 30	20 23	5 21	1 21	17 16	3 52	4 55	5 7	6 3	3 20	23 16	0 45	6 24	2 44	24 13	0 24	20 12	0 55	17 51	16 30	9 56	9 19	17 33			n.a.
F 31	20 s10	1 s 6	2 s27	17 s32	3n48	4 s39	5n18	6n 1	3n22	23 s14	0 s45	6n25	2n44	24 s13	0 s24	20 s11	0 s55	17 s51	16 s29	9n55	9n20	17n34			n.a.

Julian Day Number = 1315630.5, Delta T = 07h37m34s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'42, Lahiri = -19°17'42 Julian Calendar 1 Jan. 1111 BCE == Greg. Calendar 21 Dec. 1112 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

FEBRUARY 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 57	2♒26'09	15♈30	25°R15	5♓53	22♍47	19♑ 1	20°R16	1♑43	5♒ 8	23♓ 5	4♍48	6♍16	12♊26	n.a.	S 1
S 2	8 5 53	3°25'57	27°51	24♑21	6° 3	22°51	19°15	20♍13	1°46	5°10	23° 6	4°R49	6°12	12°33	n.a.	S 2
M 3	8 9 50	4°25'42	9♉58	23°32	6°10	22°55	19°29	20°11	1°50	5°13	23° 7	4°49	6° 9	12°39	n.a.	M 3
T 4	8 13 46	5°25'24	21°55	22°48	6°15	22°59	19°43	20° 8	1°53	5°15	23° 8	4°47	6° 6	12°46	n.a.	T 4
W 5	8 17 43	6°25'05	3♊48	22° 9	6°18	23° 1	19°57	20° 6	1°56	5°17	23° 9	4°45	6° 3	12°53	n.a.	W 5
T 6	8 21 40	7°24'43	15°40	21°36	6°R18	23° 3	20°11	20° 3	1°59	5°19	23°10	4°41	6° 0	13° 0	n.a.	T 6
F 7	8 25 36	8°24'19	27°35	21°10	6°16	23° 4	20°25	20° 0	2° 2	5°22	23°11	4°36	5°57	13° 6	n.a.	F 7
S 8	8 29 33	9°23'52	9♋36	20°50	6°12	23°R 5	20°39	19°58	2° 5	5°24	23°12	4°32	5°53	13°13	n.a.	S 8
S 9	8 33 29	10°23'23	21°45	20°36	6° 4	23° 5	20°53	19°55	2° 7	5°26	23°13	4°28	5°50	13°20	n.a.	S 9
M10	8 37 26	11°22'52	4♌ 5	20°28	5°55	23° 4	21° 7	19°52	2°10	5°29	23°14	4°25	5°47	13°27	n.a.	M10
T 11	8 41 22	12°22'18	16°36	20°D26	5°42	23° 2	21°21	19°49	2°13	5°31	23°15	4°22	5°44	13°33	n.a.	T 11
W12	8 45 19	13°21'43	29°19	20°31	5°28	22°59	21°35	19°46	2°16	5°33	23°16	4°D21	5°41	13°40	n.a.	W12
T 13	8 49 15	14°21'05	12♍14	20°41	5°10	22°56	21°49	19°42	2°19	5°35	23°17	4°22	5°38	13°47	n.a.	T 13
F 14	8 53 12	15°20'25	25°23	20°56	4°51	22°52	22° 3	19°39	2°22	5°38	23°18	4°22	5°34	13°53	n.a.	F 14
S 15	8 57 8	16°19'43	8♎44	21°16	4°29	22°47	22°17	19°36	2°24	5°40	23°20	4°24	5°31	14° 0	n.a.	S 15
S 16	9 1 5	17°18'59	22°19	21°42	4° 4	22°42	22°30	19°32	2°27	5°42	23°21	4°25	5°28	14° 7	n.a.	S 16
M17	9 5 2	18°18'13	6♏ 7	22°11	3°38	22°35	22°44	19°29	2°30	5°44	23°22	4°26	5°25	14°14	n.a.	M17
T 18	9 8 58	19°17'26	20° 8	22°45	3°10	22°28	22°58	19°25	2°33	5°47	23°23	4°R26	5°22	14°20	n.a.	T 18
W19	9 12 55	20°16'36	4♐21	23°24	2°39	22°20	23°11	19°22	2°35	5°49	23°24	4°26	5°18	14°27	n.a.	W19
T 20	9 16 51	21°15'45	18°43	24° 6	2° 7	22°12	23°25	19°18	2°38	5°51	23°25	4°25	5°15	14°34	n.a.	T 20
F 21	9 20 48	22°14'52	3♑11	24°52	1°34	22° 2	23°38	19°14	2°40	5°53	23°27	4°24	5°12	14°41	n.a.	F 21
S 22	9 24 44	23°13'57	17°42	25°41	0°59	21°52	23°52	19°11	2°43	5°55	23°28	4°22	5° 9	14°47	n.a.	S 22
S 23	9 28 41	24°12'59	2♒ 8	26°33	0°23	21°41	24° 5	19° 7	2°45	5°58	23°29	4°21	5° 6	14°54	n.a.	S 23
M24	9 32 37	25°12'00	16°25	27°29	29♒46	21°29	24°19	19° 3	2°48	6° 0	23°30	4°20	5° 3	15° 1	n.a.	M24
T 25	9 36 34	26°10'59	0♓27	28°27	29° 9	21°17	24°32	18°59	2°50	6° 2	23°31	4°D20	4°59	15° 7	n.a.	T 25
W26	9 40 31	27° 9'55	14°12	29°28	28°31	21° 4	24°45	18°55	2°53	6° 4	23°33	4°20	4°56	15°14	n.a.	W26
T 27	9 44 27	28° 8'49	27°35	0♒32	27°53	20°50	24°59	18°51	2°55	6° 6	23°34	4°20	4°53	15°21	n.a.	T 27
F 28	9 48 24	29♒ 7'41	10♈38	1♒38	27♒15	20♍35	25♑12	18♍47	2♑57	6♒ 8	23♓35	4♍21	4♍50	15♊28	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s56	3n 4	3s24	17s48	3n42	4s25	5n29	6n 0	3n23	23s12	0s45	6n26	2n44	24s13	0s24	20s11	0s55	17s50	16s29	9n54	9n22	17n35		n.a.
S 2	19 42	6 59	4 10	18 5	3 34	4 11	5 40	5 59	3 24	23 10	0 45	6 27	2 45	24 13	0 24	20 10	0 55	17 49	16 29	9 54	9 23	17 36		n.a.
M 3	19 28	10 33	4 44	18 22	3 25	3 57	5 51	5 59	3 25	23 8	0 45	6 28	2 45	24 13	0 24	20 10	0 55	17 49	16 29	9 54	9 24	17 37		n.a.
T 4	19 13	13 38	5 5	18 40	3 15	3 45	6 2	5 58	3 26	23 6	0 45	6 29	2 45	24 13	0 24	20 9	0 55	17 48	16 28	9 54	9 25	17 38		n.a.
W 5	18 58	16 8	5 13	18 57	3 3	3 34	6 13	5 58	3 27	23 4	0 46	6 31	2 45	24 13	0 24	20 8	0 55	17 47	16 28	9 55	9 26	17 38		n.a.
T 6	18 43	17 57	5 7	19 15	2 51	3 24	6 24	5 58	3 28	23 2	0 46	6 32	2 46	24 13	0 24	20 8	0 55	17 47	16 28	9 57	9 27	17 39		n.a.
F 7	18 27	19 0	4 48	19 32	2 38	3 15	6 35	5 59	3 29	23 0	0 46	6 33	2 46	24 13	0 24	20 7	0 55	17 46	16 28	9 58	9 29	17 40		n.a.
S 8	18 11	19 12	4 17	19 48	2 25	3 7	6 45	5 59	3 30	22 58	0 46	6 35	2 46	24 13	0 24	20 7	0 55	17 45	16 27	10 0	9 30	17 41		n.a.
S 9	17 55	18 32	3 33	20 4	2 11	3 0	6 56	6 0	3 30	22 56	0 46	6 36	2 46	24 13	0 24	20 6	0 55	17 45	16 27	10 2	9 31	17 42		n.a.
M10	17 39	16 58	2 39	20 19	1 57	2 54	7 6	6 1	3 31	22 54	0 46	6 37	2 47	24 12	0 24	20 6	0 55	17 44	16 27	10 3	9 32	17 43		n.a.
T 11	17 22	14 35	1 36	20 33	1 43	2 50	7 15	6 3	3 32	22 52	0 46	6 39	2 47	24 12	0 24	20 5	0 55	17 44	16 27	10 4	9 33	17 44		n.a.
W12	17 5	11 28	0 28	20 46	1 29	2 47	7 24	6 4	3 33	22 50	0 46	6 40	2 47	24 12	0 24	20 5	0 55	17 43	16 26	10 4	9 35	17 45		n.a.
T 13	16 47	7 45	0n43	20 58	1 15	2 45	7 33	6 6	3 34	22 47	0 47	6 42	2 47	24 12	0 24	20 4	0 55	17 42	16 26	10 4	9 36	17 46		n.a.
F 14	16 30	3 36	1 53	21 9	1 2	2 44	7 41	6 9	3 34	22 45	0 47	6 43	2 47	24 12	0 24	20 3	0 55	17 42	16 26	10 4	9 37	17 47		n.a.
S 15	16 12	0s47	2 59	21 19	0 48	2 45	7 49	6 11	3 35	22 43	0 47	6 45	2 48	24 12	0 24	20 3	0 55	17 41	16 26	10 3	9 38	17 48		n.a.
S 16	15 54	5 12	3 55	21 28	0 35	2 47	7 56	6 14	3 36	22 41	0 47	6 46	2 48	24 12	0 24	20 2	0 55	17 40	16 25	10 3	9 39	17 49		n.a.
M17	15 35	9 24	4 38	21 36	0 22	2 51	8 3	6 17	3 36	22 39	0 47	6 48	2 48	24 12	0 24	20 2	0 55	17 40	16 25	10 2	9 41	17 50		n.a.
T 18	15 17	13 9	5 6	21 42	0 10	2 55	8 9	6 20	3 37	22 37	0 47	6 49	2 48	24 12	0 24	20 1	0 55	17 39	16 25	10 2	9 42	17 50		n.a.
W19	14 58	16 11	5 16	21 47	0s 2	3 1	8 14	6 24	3 37	22 35	0 47	6 51	2 48	24 12	0 24	20 1	0 55	17 38	16 25	10 2	9 43	17 51		n.a.
T 20	14 38	18 15	5 6	21 51	0 13	3 9	8 18	6 28	3 38	22 32	0 48	6 52	2 48	24 12	0 24	20 0	0 55	17 38	16 25	10 3	9 44	17 52		n.a.
F 21	14 19	19 10	4 37	21 54	0 24	3 17	8 21	6 32	3 38	22 30	0 48	6 54	2 49	24 12	0 24	20 0	0 55	17 37	16 24	10 3	9 45	17 53		n.a.
S 22	14 0	18 50	3 50	21 55	0 35	3 27	8 24	6 36	3 38	22 28	0 48	6 56	2 49	24 12	0 24	19 59	0 55	17 36	16 24	10 4	9 46	17 54		n.a.
S 23	13 40	17 16	2 49	21 55	0 45	3 38	8 25	6 41	3 39	22 26	0 48	6 57	2 49	24 12	0 24	19 59	0 55	17 36	16 24	10 4	9 48	17 55		n.a.
M24	13 20	14 37	1 38	21 54	0 55	3 50	8 26	6 46	3 39	22 23	0 48	6 59	2 49	24 12	0 24	19 58	0 55	17 35	16 24	10 5	9 49	17 56		n.a.
T 25	13 0	11 9	0 21	21 51	1 4	4 3	8 26	6 51	3 39	22 21	0 48	7 1	2 49	24 12	0 24	19 57	0 55	17 34	16 24	10 5	9 50	17 57		n.a.
W26	12 39	7 9	0s54	21 47	1 13	4 17	8 25	6 56	3 39	22 19	0 49	7 3	2 49	24 12	0 24	19 57	0 55	17 34	16 23	10 5	9 51	17 58		n.a.
T 27	12 19	2 53	2 5	21 41	1 21	4 32	8 23	7 2	3 39	22 17	0 49	7 4	2 49	24 12	0 24	19 56	0 55	17 33	16 23	10 5	9 52	17 58		n.a.
F 28	11s58	1n24	3s 8	21s34	1s29	4s48	8n20	7n 8	3n39	22s14	0s49	7n 6	2n50	24s12	0s24	19s56	0s55	17s32	16s23	10n 4	9n54	17n59		n.a.

Julian Day Number = 1315661.5, Delta T = 07h37m32s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'38, Lahiri = -19°17'37 Julian Calendar 1 Feb. 1111 BCE == Greg. Calendar 21 Jan. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

MARCH 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 20	0♓ 6'30	23♈20	2♒47	26°R37	20°R20	25♉25	18°R43	3♉ 0	6♒10	23♓36	4♍21	4♍47	15♊34	n.a.	S 1
S 2	9 56 17	1° 5'18	5♉45	3°58	26♒ 0	20♍ 4	25°38	18♍38	3° 2	6°13	23°38	4°22	4°43	15°41	n.a.	S 2
M 3	10 0 13	2° 4'02	17°55	5°11	25°23	19°48	25°51	18°34	3° 4	6°15	23°39	4°22	4°40	15°48	n.a.	M 3
T 4	10 4 10	3° 2'45	29°55	6°26	24°48	19°30	26° 4	18°30	3° 6	6°17	23°40	4°R22	4°37	15°54	n.a.	T 4
W 5	10 8 6	4° 1'25	11♊49	7°44	24°14	19°13	26°17	18°26	3° 8	6°19	23°42	4°D22	4°34	16° 1	n.a.	W 5
T 6	10 12 3	5° 0'03	23°42	9° 3	23°41	18°54	26°29	18°21	3°10	6°21	23°43	4°22	4°31	16° 8	n.a.	T 6
F 7	10 15 59	5°58'38	5♋38	10°25	23°10	18°36	26°42	18°17	3°12	6°23	23°44	4°22	4°28	16°15	n.a.	F 7
S 8	10 19 56	6°57'11	17°42	11°48	22°41	18°16	26°55	18°13	3°14	6°25	23°46	4°22	4°24	16°21	n.a.	S 8
S 9	10 23 53	7°55'42	29°56	13°13	22°14	17°57	27° 7	18° 8	3°16	6°27	23°47	4°23	4°21	16°28	n.a.	S 9
M10	10 27 49	8°54'11	12♌25	14°40	21°49	17°37	27°20	18° 4	3°18	6°29	23°48	4°23	4°18	16°35	n.a.	M10
T 11	10 31 46	9°52'37	25°10	16° 9	21°26	17°16	27°32	18° 0	3°20	6°31	23°50	4°23	4°15	16°42	n.a.	T 11
W12	10 35 42	10°51'01	8♍12	17°39	21° 5	16°55	27°45	17°55	3°22	6°33	23°51	4°R23	4°12	16°48	n.a.	W12
T 13	10 39 39	11°49'24	21°30	19°11	20°47	16°34	27°57	17°51	3°24	6°35	23°52	4°23	4° 9	16°55	n.a.	T 13
F 14	10 43 35	12°47'44	5♎ 4	20°45	20°31	16°13	28° 9	17°46	3°25	6°37	23°54	4°22	4° 5	17° 2	n.a.	F 14
S 15	10 47 32	13°46'02	18°52	22°21	20°17	15°51	28°21	17°42	3°27	6°39	23°55	4°21	4° 2	17° 8	n.a.	S 15
S 16	10 51 28	14°44'19	2♏50	23°59	20° 6	15°29	28°33	17°37	3°29	6°41	23°56	4°20	3°59	17°15	n.a.	S 16
M17	10 55 25	15°42'34	16°57	25°38	19°58	15° 7	28°45	17°33	3°30	6°42	23°58	4°19	3°56	17°22	n.a.	M17
T 18	10 59 21	16°40'47	1♐ 8	27°19	19°52	14°45	28°57	17°28	3°32	6°44	23°59	4°18	3°53	17°29	n.a.	T 18
W19	11 3 18	17°38'59	15°22	29° 2	19°48	14°23	29° 9	17°24	3°33	6°46	24° 0	4°D18	3°49	17°35	n.a.	W19
T 20	11 7 15	18°37'10	29°35	0♓46	19°D47	14° 1	29°21	17°19	3°35	6°48	24° 2	4°18	3°46	17°42	n.a.	T 20
F 21	11 11 11	19°35'18	13♑45	2°32	19°48	13°38	29°33	17°15	3°36	6°50	24° 3	4°19	3°43	17°49	n.a.	F 21
S 22	11 15 8	20°33'25	27°51	4°20	19°51	13°16	29°44	17°10	3°38	6°52	24° 5	4°20	3°40	17°55	n.a.	S 22
S 23	11 19 4	21°31'31	11♒49	6°10	19°57	12°54	29°56	17° 6	3°39	6°53	24° 6	4°21	3°37	18° 2	n.a.	S 23
M24	11 23 1	22°29'35	25°38	8° 1	20° 5	12°33	0♒ 7	17° 1	3°40	6°55	24° 7	4°22	3°34	18° 9	n.a.	M24
T 25	11 26 57	23°27'37	9♓15	9°54	20°15	12°11	0°18	16°57	3°41	6°57	24° 9	4°R22	3°30	18°16	n.a.	T 25
W26	11 30 54	24°25'37	22°38	11°49	20°27	11°50	0°30	16°52	3°43	6°58	24°10	4°21	3°27	18°22	n.a.	W26
T 27	11 34 50	25°23'36	5♈47	13°46	20°42	11°29	0°41	16°48	3°44	7° 0	24°11	4°19	3°24	18°29	n.a.	T 27
F 28	11 38 47	26°21'33	18°40	15°44	20°58	11° 8	0°52	16°43	3°45	7° 2	24°13	4°16	3°21	18°36	n.a.	F 28
S 29	11 42 43	27°19'28	1♉16	17°44	21°16	10°48	1° 3	16°39	3°46	7° 3	24°14	4°13	3°18	18°42	n.a.	S 29
S 30	11 46 40	28°17'21	13°39	19°45	21°36	10°28	1°13	16°34	3°47	7° 5	24°16	4° 9	3°15	18°49	n.a.	S 30
M31	11 50 37	29♓15'13	25♉48	21♓49	21♒58	10♍ 9	1♒24	16♍30	3♉48	7♒ 7	24♓17	4♍ 5	3♍11	18♊56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s37	5n30	4s 0	21s25	1s36	5s 4	8n16	7n14	3n38	22s12	0s49	7n 8	2n50	24s12	0s25	19s55	0s55	17s32	16s23	10n 4	9n55	18n 0		n.a.
S 2	11 16	9 16	4 39	21 14	1 43	5 21	8 11	7 20	3 38	22 10	0 49	7 10	2 50	24 12	0 25	19 55	0 55	17 31	16 23	10 4	9 56	18 1		n.a.
M 3	10 54	12 35	5 4	21 2	1 49	5 39	8 6	7 26	3 38	22 7	0 49	7 11	2 50	24 12	0 25	19 54	0 55	17 30	16 23	10 4	9 57	18 2		n.a.
T 4	10 33	15 19	5 16	20 49	1 55	5 56	7 59	7 32	3 37	22 5	0 49	7 13	2 50	24 12	0 25	19 54	0 55	17 30	16 23	10 4	9 58	18 3		n.a.
W 5	10 11	17 22	5 14	20 34	2 0	6 14	7 52	7 39	3 37	22 3	0 50	7 15	2 50	24 12	0 25	19 53	0 55	17 29	16 22	10 4	9 59	18 4		n.a.
T 6	9 50	18 41	4 59	20 17	2 5	6 33	7 44	7 46	3 36	22 1	0 50	7 17	2 50	24 12	0 25	19 53	0 56	17 28	16 22	10 4	10 1	18 5		n.a.
F 7	9 28	19 11	4 31	19 59	2 9	6 51	7 35	7 52	3 35	21 58	0 50	7 19	2 50	24 12	0 25	19 52	0 56	17 28	16 22	10 4	10 2	18 5		n.a.
S 8	9 6	18 49	3 51	19 39	2 13	7 9	7 26	7 59	3 35	21 56	0 50	7 20	2 50	24 12	0 25	19 52	0 56	17 27	16 22	10 4	10 3	18 6		n.a.
S 9	8 44	17 34	3 0	19 18	2 16	7 27	7 16	8 6	3 34	21 54	0 50	7 22	2 50	24 12	0 25	19 51	0 56	17 27	16 22	10 4	10 4	18 7		n.a.
M10	8 22	15 27	1 59	18 54	2 19	7 45	7 6	8 13	3 33	21 51	0 51	7 24	2 51	24 12	0 25	19 51	0 56	17 26	16 22	10 3	10 5	18 8		n.a.
T 11	7 59	12 32	0 51	18 29	2 21	8 2	6 55	8 21	3 32	21 49	0 51	7 26	2 51	24 12	0 25	19 50	0 56	17 25	16 22	10 3	10 6	18 9		n.a.
W12	7 37	8 57	0n21	18 3	2 23	8 19	6 44	8 28	3 30	21 47	0 51	7 28	2 51	24 12	0 25	19 50	0 56	17 25	16 22	10 3	10 8	18 10		n.a.
T 13	7 14	4 51	1 33	17 35	2 24	8 36	6 32	8 35	3 29	21 44	0 51	7 29	2 51	24 12	0 25	19 50	0 56	17 24	16 22	10 3	10 9	18 11		n.a.
F 14	6 52	0 26	2 42	17 5	2 24	8 52	6 20	8 42	3 28	21 42	0 51	7 31	2 51	24 12	0 25	19 49	0 56	17 23	16 21	10 4	10 10	18 11		n.a.
S 15	6 29	4s 5	3 42	16 33	2 25	9 8	6 8	8 49	3 26	21 40	0 51	7 33	2 51	24 12	0 25	19 49	0 56	17 23	16 21	10 4	10 11	18 12		n.a.
S 16	6 6	8 26	4 30	16 0	2 24	9 23	5 56	8 57	3 25	21 37	0 52	7 35	2 51	24 12	0 25	19 48	0 56	17 22	16 21	10 5	10 12	18 13		n.a.
M17	5 43	12 21	5 2	15 25	2 23	9 38	5 44	9 4	3 23	21 35	0 52	7 37	2 51	24 12	0 25	19 48	0 56	17 22	16 21	10 5	10 14	18 14		n.a.
T 18	5 20	15 34	5 16	14 49	2 22	9 51	5 31	9 11	3 21	21 33	0 52	7 39	2 51	24 12	0 25	19 47	0 56	17 21	16 21	10 5	10 15	18 15		n.a.
W19	4 57	17 52	5 10	14 10	2 19	10 5	5 19	9 18	3 19	21 31	0 52	7 40	2 51	24 12	0 25	19 47	0 56	17 20	16 21	10 5	10 16	18 15		n.a.
T 20	4 34	19 3	4 46	13 30	2 17	10 17	5 6	9 25	3 17	21 28	0 52	7 42	2 51	24 12	0 25	19 46	0 56	17 20	16 21	10 5	10 17	18 16		n.a.
F 21	4 11	19 3	4 4	12 49	2 14	10 29	4 53	9 32	3 15	21 26	0 53	7 44	2 51	24 12	0 25	19 46	0 56	17 19	16 21	10 5	10 18	18 17		n.a.
S 22	3 48	17 51	3 8	12 5	2 10	10 39	4 41	9 38	3 13	21 24	0 53	7 46	2 51	24 12	0 25	19 45	0 56	17 19	16 21	10 5	10 19	18 18		n.a.
S 23	3 25	15 35	2 1	11 20	2 6	10 49	4 28	9 45	3 11	21 21	0 53	7 48	2 51	24 11	0 25	19 45	0 56	17 18	16 21	10 4	10 21	18 19		n.a.
M24	3 2	12 26	0 48	10 34	2 1	10 59	4 16	9 51	3 8	21 19	0 53	7 49	2 51	24 11	0 25	19 45	0 56	17 17	16 21	10 4	10 22	18 20		n.a.
T 25	2 38	8 39	0s27	9 45	1 55	11 7	4 4	9 57	3 6	21 17	0 53	7 51	2 51	24 11	0 25	19 44	0 56	17 17	16 21	10 4	10 23	18 20		n.a.
W26	2 15	4 29	1 39	8 56	1 50	11 15	3 51	10 3	3 4	21 15	0 54	7 53	2 51	24 11	0 25	19 44	0 56	17 16	16 21	10 4	10 24	18 21		n.a.
T 27	1 52	0 11	2 44	8 4	1 43	11 22	3 39	10 9	3 1	21 12	0 54	7 55	2 51	24 11	0 25	19 43	0 56	17 16	16 21	10 5	10 25	18 22		n.a.
F 28	1 28	4n 2	3 40	7 11	1 36	11 28	3 27	10 15	2 58	21 10	0 54	7 56	2 51	24 11	0 25	19 43	0 56	17 15	16 21	10 6	10 26	18 23		n.a.
S 29	1 5	7 59	4 24	6 17	1 29	11 33	3 16	10 20	2 56	21 8	0 54	7 58	2 51	24 11	0 25	19 43	0 56	17 15	16 21	10 7	10 28	18 24		n.a.
S 30	0 41	11 31	4 54	5 21	1 21	11 38	3 4	10 25	2 53	21 6	0 55	8 0	2 51	24 11	0 25	19 42	0 56	17 14	16 21	10 9	10 29	18 24		n.a.
M31	0s18	14n30	5s10	4s24	1s13	11s41	2n53	10n30	2n50	21s 3	0s55	8n 1	2n51	24s11	0s25	19s42	0s56	17s13	16s21	10n10	10n30	18n25		n.a.

Julian Day Number = 1315689.5, Delta T = 07h37m31s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'34, Lahiri = -19°17'34 Julian Calendar 1 March 1111 BCE == Greg. Calendar 18 Feb. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

APRIL 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 33	0♈13'03	7♊48	23♓53	22♒21	9°R50	1♒35	16°R26	3♑49	7♒ 8	24♓18	4°R 3	3♍ 8	19♊ 3	n.a.	T 1
W 2	11 58 30	1°10'50	19°42	25°59	22°47	9♍32	1°45	16♍21	3°50	7°10	24°20	4♍ 1	3° 5	19° 9	n.a.	W 2
T 3	12 2 26	2° 8'36	1♋35	28° 6	23°13	9°15	1°56	16°17	3°50	7°11	24°21	4°D 0	3° 2	19°16	n.a.	T 3
F 4	12 6 23	3° 6'21	13°31	0♈15	23°42	8°58	2° 6	16°13	3°51	7°13	24°22	4° 1	2°59	19°23	n.a.	F 4
S 5	12 10 19	4° 4'03	25°35	2°24	24°11	8°41	2°16	16° 9	3°52	7°14	24°24	4° 2	2°55	19°29	n.a.	S 5
S 6	12 14 16	5° 1'44	7♌51	4°34	24°43	8°26	2°26	16° 5	3°53	7°15	24°25	4° 4	2°52	19°36	n.a.	S 6
M 7	12 18 12	5°59'22	20°24	6°45	25°15	8°10	2°36	16° 1	3°53	7°17	24°27	4° 5	2°49	19°43	n.a.	M 7
T 8	12 22 9	6°57'00	3♍18	8°55	25°49	7°56	2°46	15°56	3°54	7°18	24°28	4°R 6	2°46	19°50	n.a.	T 8
W 9	12 26 6	7°54'35	16°33	11° 6	26°24	7°43	2°56	15°52	3°54	7°20	24°29	4° 5	2°43	19°56	n.a.	W 9
T 10	12 30 2	8°52'09	0♎11	13°16	27° 1	7°30	3° 6	15°48	3°55	7°21	24°31	4° 3	2°40	20° 3	n.a.	T 10
F 11	12 33 59	9°49'42	14° 9	15°26	27°38	7°18	3°15	15°45	3°55	7°22	24°32	3°59	2°36	20°10	n.a.	F 11
S 12	12 37 55	10°47'13	28°24	17°35	28°17	7° 6	3°25	15°41	3°56	7°23	24°33	3°54	2°33	20°16	n.a.	S 12
S 13	12 41 52	11°44'43	12♏51	19°43	28°57	6°56	3°34	15°37	3°56	7°25	24°35	3°49	2°30	20°23	n.a.	S 13
M14	12 45 48	12°42'12	27°23	21°50	29°38	6°46	3°43	15°33	3°56	7°26	24°36	3°43	2°27	20°30	n.a.	M14
T 15	12 49 45	13°39'40	11♐54	23°55	0♓20	6°37	3°52	15°29	3°56	7°27	24°37	3°39	2°24	20°37	n.a.	T 15
W16	12 53 41	14°37'07	26°20	25°58	1° 3	6°29	4° 1	15°26	3°57	7°28	24°39	3°36	2°20	20°43	n.a.	W16
T 17	12 57 38	15°34'33	10♑36	27°59	1°47	6°21	4°10	15°22	3°57	7°29	24°40	3°D34	2°17	20°50	n.a.	T 17
F 18	13 1 35	16°31'59	24°39	29°58	2°31	6°15	4°18	15°19	3°57	7°30	24°41	3°34	2°14	20°57	n.a.	F 18
S 19	13 5 31	17°29'23	8♒30	1♉55	3°17	6° 9	4°27	15°15	3°R57	7°31	24°42	3°35	2°11	21° 4	n.a.	S 19
S 20	13 9 28	18°26'47	22° 7	3°49	4° 4	6° 4	4°35	15°12	3°57	7°32	24°44	3°37	2° 8	21°10	n.a.	S 20
M21	13 13 24	19°24'09	5♓32	5°40	4°51	6° 0	4°44	15° 8	3°57	7°33	24°45	3°R37	2° 5	21°17	n.a.	M21
T 22	13 17 21	20°21'31	18°45	7°29	5°39	5°56	4°52	15° 5	3°57	7°34	24°46	3°36	2° 1	21°24	n.a.	T 22
W23	13 21 17	21°18'52	1♈46	9°16	6°28	5°54	5° 0	15° 2	3°56	7°35	24°47	3°33	1°58	21°30	n.a.	W23
T 24	13 25 14	22°16'12	14°35	10°59	7°17	5°52	5° 8	14°59	3°56	7°36	24°49	3°27	1°55	21°37	n.a.	T 24
F 25	13 29 10	23°13'31	27°12	12°40	8° 7	5°51	5°15	14°56	3°56	7°37	24°50	3°20	1°52	21°44	n.a.	F 25
S 26	13 33 7	24°10'49	9♉37	14°18	8°58	5°D51	5°23	14°53	3°56	7°38	24°51	3°11	1°49	21°51	n.a.	S 26
S 27	13 37 4	25° 8'06	21°52	15°53	9°49	5°52	5°30	14°50	3°55	7°39	24°52	3° 2	1°46	21°57	n.a.	S 27
M28	13 41 0	26° 5'22	3♊57	17°25	10°41	5°54	5°38	14°47	3°55	7°40	24°54	2°52	1°42	22° 4	n.a.	M28
T 29	13 44 57	27° 2'38	15°55	18°54	11°34	5°56	5°45	14°44	3°54	7°40	24°55	2°44	1°39	22°11	n.a.	T 29
W30	13 48 53	27♈59'52	27♊47	20♉21	12♓27	5♍59	5♒52	14♍41	3♑54	7♒41	24♓56	2♍38	1♍36	22♊17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 5	16n49	5s13	3s26	1s 4	11s44	2n42	10n35	2n47	21s 1	0s55	8n 3	2n51	24s11	0s25	19s42	0s56	17s13	16s21	10n11	10n31	18n26		n.a.
W 2	0 29	18 24	5 2	2 27	0 55	11 46	2 31	10 39	2 45	20 59	0 55	8 5	2 51	24 11	0 25	19 41	0 56	17 12	16 21	10 12	10 32	18 27		n.a.
T 3	0 52	19 11	4 38	1 27	0 45	11 48	2 20	10 43	2 42	20 57	0 55	8 6	2 51	24 11	0 25	19 41	0 56	17 12	16 21	10 12	10 33	18 27		n.a.
F 4	1 15	19 7	4 2	0 26	0 35	11 48	2 9	10 47	2 39	20 55	0 56	8 8	2 51	24 11	0 25	19 40	0 56	17 11	16 21	10 12	10 35	18 28		n.a.
S 5	1 39	18 10	3 15	0n35	0 25	11 48	1 59	10 50	2 36	20 53	0 56	8 10	2 50	24 11	0 25	19 40	0 56	17 11	16 21	10 11	10 36	18 29		n.a.
S 6	2 2	16 22	2 19	1 37	0 15	11 47	1 49	10 54	2 33	20 51	0 56	8 11	2 50	24 12	0 25	19 40	0 56	17 10	16 21	10 11	10 37	18 30		n.a.
M 7	2 25	13 45	1 14	2 39	0 4	11 45	1 39	10 56	2 29	20 48	0 56	8 13	2 50	24 12	0 26	19 40	0 57	17 10	16 21	10 10	10 38	18 31		n.a.
T 8	2 48	10 23	0 4	3 41	0n 6	11 43	1 29	10 59	2 26	20 46	0 57	8 14	2 50	24 12	0 26	19 39	0 57	17 9	16 21	10 10	10 39	18 31		n.a.
W 9	3 11	6 25	1n 8	4 43	0 17	11 40	1 20	11 1	2 23	20 44	0 57	8 16	2 50	24 12	0 26	19 39	0 57	17 9	16 21	10 10	10 40	18 32		n.a.
T 10	3 34	2 1	2 17	5 45	0 28	11 36	1 11	11 3	2 20	20 42	0 57	8 17	2 50	24 12	0 26	19 39	0 57	17 8	16 21	10 11	10 42	18 33		n.a.
F 11	3 57	2s35	3 21	6 45	0 38	11 31	1 2	11 5	2 17	20 40	0 57	8 19	2 50	24 12	0 26	19 38	0 57	17 8	16 21	10 12	10 43	18 34		n.a.
S 12	4 20	7 9	4 13	7 45	0 48	11 26	0 53	11 6	2 14	20 38	0 58	8 20	2 50	24 12	0 26	19 38	0 57	17 7	16 21	10 14	10 44	18 34		n.a.
S 13	4 43	11 21	4 50	8 44	0 58	11 20	0 44	11 8	2 11	20 36	0 58	8 22	2 50	24 12	0 26	19 38	0 57	17 7	16 21	10 16	10 45	18 35		n.a.
M14	5 6	14 53	5 8	9 41	1 8	11 14	0 36	11 8	2 8	20 34	0 58	8 23	2 50	24 12	0 26	19 37	0 57	17 6	16 22	10 18	10 46	18 36		n.a.
T 15	5 28	17 31	5 7	10 37	1 17	11 6	0 28	11 9	2 4	20 32	0 58	8 24	2 49	24 12	0 26	19 37	0 57	17 6	16 22	10 20	10 47	18 37		n.a.
W16	5 51	19 0	4 46	11 31	1 26	10 58	0 20	11 9	2 1	20 31	0 59	8 26	2 49	24 12	0 26	19 37	0 57	17 5	16 22	10 21	10 48	18 37		n.a.
T 17	6 14	19 17	4 8	12 23	1 34	10 50	0 12	11 9	1 58	20 29	0 59	8 27	2 49	24 12	0 26	19 37	0 57	17 5	16 22	10 21	10 50	18 38		n.a.
F 18	6 36	18 20	3 15	13 13	1 41	10 40	0 4	11 8	1 55	20 27	0 59	8 28	2 49	24 12	0 26	19 36	0 57	17 5	16 22	10 21	10 51	18 39		n.a.
S 19	6 58	16 19	2 12	14 1	1 48	10 31	0s 3	11 8	1 52	20 25	0 59	8 29	2 49	24 12	0 26	19 36	0 57	17 4	16 22	10 21	10 52	18 40		n.a.
S 20	7 21	13 23	1 2	14 47	1 55	10 20	0 10	11 7	1 49	20 23	1 0	8 31	2 49	24 12	0 26	19 36	0 57	17 4	16 22	10 21	10 53	18 40		n.a.
M21	7 43	9 47	0s10	15 31	2 1	10 9	0 17	11 5	1 45	20 21	1 0	8 32	2 49	24 12	0 26	19 36	0 57	17 3	16 22	10 20	10 54	18 41		n.a.
T 22	8 5	5 45	1 21	16 12	2 6	9 57	0 24	11 4	1 42	20 20	1 0	8 33	2 48	24 12	0 26	19 36	0 57	17 3	16 22	10 21	10 55	18 42		n.a.
W23	8 27	1 31	2 26	16 51	2 10	9 45	0 30	11 2	1 39	20 18	1 0	8 34	2 48	24 12	0 26	19 35	0 57	17 3	16 23	10 22	10 57	18 42		n.a.
T 24	8 48	2n44	3 22	17 28	2 13	9 32	0 37	10 59	1 36	20 16	1 1	8 35	2 48	24 12	0 26	19 35	0 57	17 2	16 23	10 24	10 58	18 43		n.a.
F 25	9 10	6 48	4 8	18 3	2 16	9 19	0 43	10 57	1 33	20 15	1 1	8 36	2 48	24 12	0 26	19 35	0 57	17 2	16 23	10 27	10 59	18 44		n.a.
S 26	9 31	10 30	4 41	18 35	2 18	9 5	0 49	10 54	1 30	20 13	1 1	8 37	2 48	24 12	0 26	19 35	0 57	17 1	16 23	10 30	11 0	18 45		n.a.
S 27	9 53	13 42	5 0	19 5	2 20	8 51	0 55	10 51	1 27	20 11	1 2	8 38	2 48	24 12	0 26	19 35	0 57	17 1	16 23	10 33	11 1	18 45		n.a.
M28	10 14	16 17	5 6	19 33	2 20	8 36	1 0	10 48	1 24	20 10	1 2	8 39	2 47	24 12	0 26	19 34	0 57	17 1	16 23	10 37	11 2	18 46		n.a.
T 29	10 35	18 8	4 58	19 58	2 20	8 21	1 6	10 44	1 21	20 8	1 2	8 40	2 47	24 12	0 26	19 34	0 57	17 0	16 23	10 40	11 3	18 47		n.a.
W30	10n56	19n11	4s37	20n21	2n19	8s 5	1s11	10n40	1n18	20s 7	1s 2	8n41	2n47	24s12	0s26	19s34	0s57	17s 0	16s24	10n42	11n 5	18n47		n.a.

Julian Day Number = 1315720.5, Delta T = 07h37m29s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'30, Lahiri = -19°17'29 Julian Calendar 1 Apr. 1111 BCE == Greg. Calendar 21 March 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

MAY 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 50	28♈57'05	9♋38	21♉44	13♓21	6♍ 3	5♒59	14°R39	3°R53	7♒42	24♓57	2°R34	1♍33	22♊24	n.a.	T 1
F 2	13 56 46	29°54'17	21°32	23° 4	14°15	6° 8	6° 5	14♍36	3♑53	7°42	24°58	2♍32	1°30	22°31	n.a.	F 2
S 3	14 0 43	0♉51'29	3♌34	24°22	15°10	6°13	6°12	14°34	3°52	7°43	25° 0	2°D31	1°26	22°38	n.a.	S 3
S 4	14 4 39	1°48'39	15°49	25°36	16° 5	6°20	6°18	14°31	3°51	7°44	25° 1	2°32	1°23	22°44	n.a.	S 4
M 5	14 8 36	2°45'48	28°21	26°47	17° 1	6°26	6°24	14°29	3°51	7°44	25° 2	2°R33	1°20	22°51	n.a.	M 5
T 6	14 12 33	3°42'57	11♍16	27°55	17°57	6°34	6°31	14°27	3°50	7°45	25° 3	2°32	1°17	22°58	n.a.	T 6
W 7	14 16 29	4°40'05	24°37	29° 0	18°54	6°42	6°36	14°25	3°49	7°45	25° 4	2°30	1°14	23° 4	n.a.	W 7
T 8	14 20 26	5°37'11	8♎25	0♊ 1	19°51	6°52	6°42	14°23	3°48	7°46	25° 5	2°26	1°11	23°11	n.a.	T 8
F 9	14 24 22	6°34'18	22°39	0°59	20°48	7° 1	6°48	14°21	3°47	7°46	25° 6	2°20	1° 7	23°18	n.a.	F 9
S 10	14 28 19	7°31'23	7♏15	1°53	21°46	7°12	6°53	14°19	3°46	7°46	25° 7	2°11	1° 4	23°25	n.a.	S 10
S 11	14 32 15	8°28'29	22° 7	2°44	22°44	7°23	6°58	14°17	3°45	7°47	25° 8	2° 1	1° 1	23°31	n.a.	S 11
M12	14 36 12	9°25'34	7♐ 4	3°31	23°43	7°34	7° 4	14°16	3°44	7°47	25° 9	1°52	0°58	23°38	n.a.	M12
T 13	14 40 8	10°22'39	21°59	4°14	24°42	7°47	7° 8	14°14	3°43	7°48	25°10	1°44	0°55	23°45	n.a.	T 13
W14	14 44 5	11°19'44	6♑43	4°54	25°41	8° 0	7°13	14°13	3°42	7°48	25°11	1°38	0°51	23°51	n.a.	W14
T 15	14 48 2	12°16'48	21°10	5°29	26°41	8°13	7°18	14°11	3°41	7°48	25°12	1°34	0°48	23°58	n.a.	T 15
F 16	14 51 58	13°13'53	5♒17	6° 0	27°41	8°28	7°22	14°10	3°40	7°48	25°13	1°32	0°45	24° 5	n.a.	F 16
S 17	14 55 55	14°10'58	19° 5	6°27	28°42	8°42	7°27	14° 9	3°38	7°48	25°14	1°D32	0°42	24°12	n.a.	S 17
S 18	14 59 51	15° 8'03	2♓32	6°50	29°42	8°58	7°31	14° 8	3°37	7°49	25°15	1°R32	0°39	24°18	n.a.	S 18
M19	15 3 48	16° 5'07	15°42	7° 8	0♈43	9°14	7°34	14° 7	3°36	7°49	25°16	1°32	0°36	24°25	n.a.	M19
T 20	15 7 44	17° 2'12	28°38	7°22	1°45	9°30	7°38	14° 6	3°34	7°49	25°17	1°29	0°32	24°32	n.a.	T 20
W21	15 11 41	17°59'17	11♈20	7°31	2°46	9°47	7°42	14° 5	3°33	7°49	25°18	1°24	0°29	24°38	n.a.	W21
T 22	15 15 37	18°56'23	23°51	7°36	3°48	10° 5	7°45	14° 4	3°32	7°R49	25°19	1°16	0°26	24°45	n.a.	T 22
F 23	15 19 34	19°53'28	6♉13	7°R36	4°50	10°23	7°48	14° 4	3°30	7°49	25°20	1° 5	0°23	24°52	n.a.	F 23
S 24	15 23 31	20°50'33	18°26	7°31	5°53	10°42	7°51	14° 3	3°28	7°49	25°21	0°53	0°20	24°58	n.a.	S 24
S 25	15 27 27	21°47'39	0♊32	7°22	6°55	11° 1	7°54	14° 3	3°27	7°49	25°22	0°39	0°17	25° 5	n.a.	S 25
M26	15 31 24	22°44'44	12°30	7° 9	7°58	11°21	7°57	14° 2	3°25	7°49	25°22	0°26	0°13	25°12	n.a.	M26
T 27	15 35 20	23°41'50	24°24	6°51	9° 1	11°41	7°59	14° 2	3°24	7°48	25°23	0°14	0°10	25°19	n.a.	T 27
W28	15 39 17	24°38'55	6♋14	6°29	10° 5	12° 2	8° 1	14° 2	3°22	7°48	25°24	0° 4	0° 7	25°25	n.a.	W28
T 29	15 43 13	25°36'01	18° 3	6° 4	11° 8	12°23	8° 3	14°D 2	3°20	7°48	25°25	29♌57	0° 4	25°32	n.a.	T 29
F 30	15 47 10	26°33'07	29°56	5°35	12°12	12°45	8° 5	14° 2	3°19	7°48	25°26	29°53	0° 1	25°39	n.a.	F 30
S 31	15 51 7	27♉30'12	11♌56	5♊ 3	13♈16	13♍ 7	8♒ 7	14♍ 2	3♑17	7♒47	25♓26	29♌51	29♌57	25♊45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n17	19n24	4s 5	20n42	2n18	7s49	1s16	10n36	1n15	20s 5	1s 3	8n42	2n47	24s12	0s26	19s34	0s58	17s 0	16s24	10n44	11n 6	18n48			n.a.
F 2	11 37	18 45	3 21	21 1	2 15	7 32	1 21	10 32	1 12	20 4	1 3	8 43	2 47	24 12	0 26	19 34	0 58	16 59	16 24	10 44	11 7	18 49			n.a.
S 3	11 57	17 16	2 29	21 18	2 12	7 15	1 25	10 27	1 10	20 3	1 3	8 43	2 46	24 12	0 26	19 34	0 58	16 59	16 24	10 44	11 8	18 49			n.a.
S 4	12 18	14 57	1 28	21 33	2 8	6 57	1 30	10 22	1 7	20 1	1 4	8 44	2 46	24 12	0 26	19 34	0 58	16 59	16 24	10 44	11 9	18 50			n.a.
M 5	12 38	11 53	0 22	21 45	2 4	6 39	1 34	10 17	1 4	20 0	1 4	8 45	2 46	24 12	0 26	19 33	0 58	16 59	16 24	10 44	11 10	18 51			n.a.
T 6	12 57	8 10	0n46	21 56	1 58	6 20	1 38	10 11	1 1	19 59	1 4	8 45	2 46	24 12	0 26	19 33	0 58	16 58	16 25	10 44	11 12	18 51			n.a.
W 7	13 17	3 55	1 55	22 5	1 52	6 1	1 42	10 6	0 58	19 58	1 4	8 46	2 46	24 12	0 26	19 33	0 58	16 58	16 25	10 45	11 13	18 52			n.a.
T 8	13 36	0s39	2 59	22 11	1 45	5 42	1 46	10 0	0 56	19 56	1 5	8 47	2 45	24 13	0 26	19 33	0 58	16 58	16 25	10 46	11 14	18 53			n.a.
F 9	13 56	5 20	3 54	22 16	1 37	5 23	1 50	9 54	0 53	19 55	1 5	8 47	2 45	24 13	0 26	19 33	0 58	16 57	16 25	10 49	11 15	18 53			n.a.
S 10	14 15	9 50	4 35	22 19	1 29	5 3	1 53	9 47	0 50	19 54	1 5	8 48	2 45	24 13	0 26	19 33	0 58	16 57	16 25	10 52	11 16	18 54			n.a.
S 11	14 33	13 47	4 58	22 21	1 20	4 42	1 56	9 41	0 48	19 53	1 6	8 48	2 45	24 13	0 26	19 33	0 58	16 57	16 26	10 55	11 17	18 55			n.a.
M12	14 52	16 53	5 1	22 21	1 10	4 21	2 0	9 34	0 45	19 52	1 6	8 49	2 44	24 13	0 27	19 33	0 58	16 57	16 26	10 59	11 18	18 55			n.a.
T 13	15 10	18 51	4 44	22 19	1 0	4 0	2 3	9 27	0 43	19 51	1 6	8 49	2 44	24 13	0 27	19 33	0 58	16 57	16 26	11 2	11 20	18 56			n.a.
W14	15 28	19 31	4 8	22 15	0 48	3 39	2 5	9 20	0 40	19 50	1 7	8 49	2 44	24 13	0 27	19 33	0 58	16 56	16 26	11 4	11 21	18 57			n.a.
T 15	15 46	18 53	3 17	22 10	0 37	3 18	2 8	9 12	0 38	19 49	1 7	8 50	2 44	24 13	0 27	19 33	0 58	16 56	16 27	11 5	11 22	18 57			n.a.
F 16	16 4	17 5	2 15	22 3	0 24	2 56	2 11	9 4	0 35	19 48	1 7	8 50	2 44	24 13	0 27	19 33	0 58	16 56	16 27	11 6	11 23	18 58			n.a.
S 17	16 21	14 18	1 6	21 55	0 11	2 33	2 13	8 57	0 33	19 48	1 7	8 50	2 43	24 13	0 27	19 33	0 58	16 56	16 27	11 6	11 24	18 59			n.a.
S 18	16 38	10 49	0s 5	21 45	0s 3	2 11	2 15	8 49	0 31	19 47	1 8	8 51	2 43	24 13	0 27	19 33	0 58	16 56	16 27	11 6	11 25	18 59			n.a.
M19	16 55	6 52	1 14	21 34	0 17	1 48	2 17	8 40	0 28	19 46	1 8	8 51	2 43	24 13	0 27	19 33	0 58	16 55	16 27	11 6	11 26	19 0			n.a.
T 20	17 12	2 40	2 18	21 22	0 32	1 25	2 19	8 32	0 26	19 45	1 8	8 51	2 43	24 13	0 27	19 33	0 58	16 55	16 28	11 7	11 28	19 1			n.a.
W21	17 28	1n35	3 14	21 9	0 47	1 2	2 21	8 23	0 24	19 45	1 9	8 51	2 42	24 13	0 27	19 33	0 58	16 55	16 28	11 9	11 29	19 1			n.a.
T 22	17 44	5 42	3 59	20 55	1 2	0 39	2 23	8 14	0 21	19 44	1 9	8 51	2 42	24 13	0 27	19 33	0 58	16 55	16 28	11 12	11 30	19 2			n.a.
F 23	18 0	9 31	4 33	20 39	1 18	0 15	2 24	8 5	0 19	19 44	1 9	8 51	2 42	24 13	0 27	19 33	0 58	16 55	16 28	11 16	11 31	19 3			n.a.
S 24	18 15	12 54	4 53	20 23	1 34	0n 9	2 26	7 56	0 17	19 43	1 10	8 51	2 42	24 14	0 27	19 33	0 59	16 55	16 29	11 20	11 32	19 3			n.a.
S 25	18 30	15 42	5 0	20 5	1 50	0 33	2 27	7 47	0 15	19 43	1 10	8 51	2 41	24 14	0 27	19 33	0 59	16 55	16 29	11 25	11 33	19 4			n.a.
M26	18 45	17 48	4 54	19 47	2 6	0 57	2 28	7 37	0 13	19 42	1 10	8 51	2 41	24 14	0 27	19 33	0 59	16 55	16 29	11 30	11 34	19 4			n.a.
T 27	19 0	19 8	4 34	19 29	2 21	1 21	2 29	7 27	0 11	19 42	1 11	8 51	2 41	24 14	0 27	19 33	0 59	16 55	16 30	11 34	11 35	19 5			n.a.
W28	19 14	19 38	4 3	19 10	2 37	1 46	2 30	7 17	0 9	19 42	1 11	8 51	2 41	24 14	0 27	19 33	0 59	16 54	16 30	11 38	11 37	19 6			n.a.
T 29	19 28	19 15	3 22	18 51	2 52	2 10	2 31	7 7	0 6	19 42	1 11	8 50	2 40	24 14	0 27	19 33	0 59	16 54	16 30	11 40	11 38	19 6			n.a.
F 30	19 42	18 2	2 31	18 32	3 6	2 35	2 32	6 57	0 4	19 41	1 12	8 50	2 40	24 14	0 27	19 34	0 59	16 54	16 30	11 42	11 39	19 7			n.a.
S 31	19n55	16n 0	1s33	18n12	3s20	2n59	2s32	6n46	0n 3	19s41	1s12	8n50	2n40	24s14	0s27	19s34	0s59	16s54	16s31	11n42	11n40	19n 7			n.a.

Julian Day Number = 1315750.5, Delta T = 07h37m28s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'26, Lahiri = -19°17'25 Julian Calendar 1 May 1111 BCE == Greg. Calendar 20 Apr. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

JUNE 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 3	28♉27'18	24♌ 9	4°R29	14♈20	13♍30	8♒ 8	14♍ 2	3°R15	7°R47	25♓27	29°R50	29♌54	25♊52	n.a.	S 1
M 2	15 59 0	29°24'23	6♍39	3♊52	15°25	13°53	8°10	14° 3	3♑13	7♒47	25°28	29♌50	29°51	25°59	n.a.	M 2
T 3	16 2 56	0♊21'29	19°31	3°14	16°30	14°16	8°11	14° 3	3°11	7°46	25°28	29°50	29°48	26° 6	n.a.	T 3
W 4	16 6 53	1°18'34	2♎50	2°36	17°34	14°40	8°12	14° 4	3° 9	7°46	25°29	29°47	29°45	26°12	n.a.	W 4
T 5	16 10 49	2°15'40	16°38	1°57	18°39	15° 5	8°12	14° 4	3° 7	7°46	25°30	29°42	29°42	26°19	n.a.	T 5
F 6	16 14 46	3°12'46	0♏56	1°19	19°45	15°29	8°13	14° 5	3° 6	7°45	25°30	29°35	29°38	26°26	n.a.	F 6
S 7	16 18 42	4° 9'53	15°40	0°42	20°50	15°54	8°13	14° 6	3° 4	7°45	25°31	29°26	29°35	26°32	n.a.	S 7
S 8	16 22 39	5° 7'00	0♐44	0° 7	21°56	16°20	8°R13	14° 7	3° 2	7°44	25°32	29°15	29°32	26°39	n.a.	S 8
M 9	16 26 36	6° 4'07	15°58	29♉35	23° 1	16°46	8°13	14° 8	3° 0	7°44	25°32	29° 5	29°29	26°46	n.a.	M 9
T 10	16 30 32	7° 1'15	1♑11	29° 5	24° 7	17°12	8°13	14° 9	2°57	7°43	25°33	28°55	29°26	26°53	n.a.	T 10
W11	16 34 29	7°58'24	16°12	28°40	25°13	17°39	8°12	14°10	2°55	7°42	25°33	28°48	29°23	26°59	n.a.	W11
T 12	16 38 25	8°55'34	0♒55	28°18	26°20	18° 6	8°12	14°11	2°53	7°42	25°34	28°44	29°19	27° 6	n.a.	T 12
F 13	16 42 22	9°52'45	15°13	28° 1	27°26	18°33	8°11	14°13	2°51	7°41	25°34	28°42	29°16	27°13	n.a.	F 13
S 14	16 46 18	10°49'56	29° 6	27°49	28°33	19° 1	8°10	14°14	2°49	7°40	25°35	28°D41	29°13	27°19	n.a.	S 14
S 15	16 50 15	11°47'09	12♓34	27°43	29°39	19°29	8° 9	14°16	2°47	7°40	25°35	28°R41	29°10	27°26	n.a.	S 15
M16	16 54 12	12°44'22	25°40	27°D42	0♉46	19°57	8° 7	14°17	2°45	7°39	25°36	28°41	29° 7	27°33	n.a.	M16
T 17	16 58 8	13°41'37	8♈26	27°46	1°53	20°26	8° 6	14°19	2°42	7°38	25°36	28°38	29° 3	27°40	n.a.	T 17
W18	17 2 5	14°38'53	20°58	27°57	3° 1	20°55	8° 4	14°21	2°40	7°37	25°37	28°34	29° 0	27°46	n.a.	W18
T 19	17 6 1	15°36'10	3♉18	28°13	4° 8	21°24	8° 2	14°23	2°38	7°36	25°37	28°26	28°57	27°53	n.a.	T 19
F 20	17 9 58	16°33'28	15°28	28°36	5°15	21°54	7°59	14°25	2°36	7°36	25°37	28°16	28°54	28° 0	n.a.	F 20
S 21	17 13 54	17°30'47	27°30	29° 4	6°23	22°24	7°57	14°27	2°33	7°35	25°38	28° 5	28°51	28° 6	n.a.	S 21
S 22	17 17 51	18°28'07	9♊28	29°39	7°31	22°54	7°54	14°29	2°31	7°34	25°38	27°52	28°48	28°13	n.a.	S 22
M23	17 21 47	19°25'28	21°21	0♊19	8°39	23°25	7°52	14°32	2°29	7°33	25°38	27°40	28°44	28°20	n.a.	M23
T 24	17 25 44	20°22'51	3♋12	1° 6	9°47	23°56	7°49	14°34	2°27	7°32	25°38	27°28	28°41	28°26	n.a.	T 24
W25	17 29 41	21°20'14	15° 2	1°58	10°55	24°27	7°46	14°37	2°24	7°31	25°39	27°19	28°38	28°33	n.a.	W25
T 26	17 33 37	22°17'38	26°53	2°57	12° 3	24°59	7°42	14°39	2°22	7°30	25°39	27°12	28°35	28°40	n.a.	T 26
F 27	17 37 34	23°15'03	8♌48	4° 1	13°12	25°30	7°39	14°42	2°20	7°29	25°39	27° 8	28°32	28°47	n.a.	F 27
S 28	17 41 30	24°12'30	20°50	5°10	14°20	26° 2	7°35	14°45	2°17	7°28	25°39	27° 7	28°29	28°53	n.a.	S 28
S 29	17 45 27	25° 9'57	3♍ 3	6°25	15°29	26°35	7°31	14°48	2°15	7°27	25°40	27°D 7	28°25	29° 0	n.a.	S 29
M30	17 49 23	26♊ 7'25	15♍32	7♊45	16♉38	27♍ 7	7♒27	14♍51	2♑12	7♒25	25♓40	27♌ 7	28♌22	29♊ 7	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 8	13n13	0s30	17n54	3s33	3n24	2s32	6n36	0n 1	19s41	1s12	8n50	2n40	24s14	0s27	19s34	0s59	16s54	16s31	11n43	11n41	19n 8		n.a.
M 2	20 21	9 46	0n36	17 35	3 44	3 49	2 33	6 25	0s 1	19 41	1 13	8 49	2 39	24 14	0 27	19 34	0 59	16 54	16 31	11 43	11 42	19 9		n.a.
T 3	20 33	5 47	1 42	17 18	3 55	4 14	2 33	6 14	0 3	19 41	1 13	8 49	2 39	24 14	0 27	19 34	0 59	16 54	16 31	11 43	11 43	19 9		n.a.
W 4	20 45	1 22	2 45	17 1	4 4	4 39	2 33	6 3	0 5	19 41	1 13	8 48	2 39	24 14	0 27	19 34	0 59	16 54	16 32	11 44	11 45	19 10		n.a.
T 5	20 57	3s15	3 41	16 46	4 12	5 4	2 33	5 52	0 7	19 41	1 14	8 48	2 39	24 14	0 27	19 34	0 59	16 54	16 32	11 45	11 46	19 10		n.a.
F 6	21 8	7 52	4 24	16 32	4 19	5 30	2 33	5 40	0 9	19 42	1 14	8 47	2 38	24 14	0 27	19 35	0 59	16 54	16 32	11 48	11 47	19 11		n.a.
S 7	21 19	12 8	4 52	16 20	4 24	5 55	2 32	5 29	0 11	19 42	1 14	8 47	2 38	24 14	0 27	19 35	0 59	16 54	16 33	11 51	11 48	19 11		n.a.
S 8	21 30	15 44	5 1	16 9	4 27	6 20	2 32	5 17	0 12	19 42	1 15	8 46	2 38	24 14	0 27	19 35	0 59	16 54	16 33	11 55	11 49	19 12		n.a.
M 9	21 40	18 18	4 48	16 0	4 29	6 45	2 31	5 5	0 14	19 43	1 15	8 46	2 38	24 15	0 27	19 35	0 59	16 54	16 33	11 59	11 50	19 13		n.a.
T 10	21 50	19 34	4 15	15 54	4 29	7 10	2 31	4 53	0 16	19 43	1 15	8 45	2 37	24 15	0 27	19 35	0 59	16 54	16 34	12 2	11 51	19 13		n.a.
W11	21 59	19 26	3 24	15 50	4 28	7 35	2 30	4 41	0 18	19 43	1 16	8 44	2 37	24 15	0 27	19 35	0 59	16 54	16 34	12 5	11 52	19 14		n.a.
T 12	22 9	17 59	2 21	15 48	4 25	8 0	2 29	4 29	0 19	19 44	1 16	8 43	2 37	24 15	0 27	19 36	0 59	16 54	16 34	12 6	11 54	19 14		n.a.
F 13	22 17	15 24	1 11	15 48	4 21	8 25	2 28	4 17	0 21	19 44	1 16	8 43	2 37	24 15	0 27	19 36	0 59	16 55	16 35	12 7	11 55	19 15		n.a.
S 14	22 26	12 0	0s 2	15 51	4 15	8 50	2 27	4 4	0 23	19 45	1 17	8 42	2 36	24 15	0 27	19 36	0 59	16 55	16 35	12 7	11 56	19 15		n.a.
S 15	22 34	8 4	1 13	15 56	4 8	9 15	2 26	3 52	0 24	19 46	1 17	8 41	2 36	24 15	0 27	19 36	0 59	16 55	16 35	12 7	11 57	19 16		n.a.
M16	22 41	3 51	2 18	16 4	4 0	9 40	2 25	3 39	0 26	19 46	1 17	8 40	2 36	24 15	0 27	19 37	0 59	16 55	16 35	12 7	11 58	19 17		n.a.
T 17	22 49	0n26	3 14	16 14	3 51	10 5	2 24	3 26	0 27	19 47	1 18	8 39	2 36	24 15	0 27	19 37	1 0	16 55	16 36	12 8	11 59	19 17		n.a.
W18	22 55	4 37	4 0	16 26	3 41	10 29	2 22	3 13	0 29	19 48	1 18	8 38	2 35	24 15	0 27	19 37	1 0	16 55	16 36	12 10	12 0	19 18		n.a.
T 19	23 2	8 32	4 33	16 41	3 30	10 54	2 21	3 0	0 30	19 49	1 18	8 37	2 35	24 15	0 27	19 37	1 0	16 55	16 36	12 12	12 1	19 18		n.a.
F 20	23 8	12 3	4 54	16 57	3 18	11 18	2 19	2 47	0 32	19 50	1 19	8 36	2 35	24 15	0 27	19 38	1 0	16 55	16 37	12 16	12 3	19 19		n.a.
S 21	23 14	15 2	5 2	17 15	3 6	11 42	2 18	2 33	0 33	19 51	1 19	8 35	2 35	24 15	0 27	19 38	1 0	16 56	16 37	12 20	12 4	19 19		n.a.
S 22	23 19	17 21	4 56	17 36	2 52	12 6	2 16	2 20	0 35	19 52	1 19	8 34	2 34	24 15	0 27	19 38	1 0	16 56	16 37	12 24	12 5	19 20		n.a.
M23	23 24	18 56	4 37	17 57	2 39	12 30	2 14	2 6	0 36	19 53	1 20	8 33	2 34	24 15	0 27	19 38	1 0	16 56	16 38	12 29	12 6	19 20		n.a.
T 24	23 28	19 41	4 6	18 21	2 25	12 53	2 12	1 52	0 38	19 54	1 20	8 32	2 34	24 15	0 27	19 39	1 0	16 56	16 38	12 33	12 7	19 21		n.a.
W25	23 32	19 35	3 24	18 45	2 11	13 17	2 10	1 39	0 39	19 55	1 20	8 31	2 34	24 16	0 27	19 39	1 0	16 56	16 38	12 36	12 8	19 21		n.a.
T 26	23 36	18 36	2 34	19 11	1 57	13 40	2 8	1 25	0 40	19 56	1 21	8 29	2 33	24 16	0 27	19 39	1 0	16 56	16 39	12 38	12 9	19 22		n.a.
F 27	23 39	16 48	1 36	19 37	1 42	14 3	2 6	1 11	0 42	19 57	1 21	8 28	2 33	24 16	0 27	19 40	1 0	16 57	16 39	12 40	12 10	19 22		n.a.
S 28	23 42	14 15	0 34	20 4	1 28	14 25	2 4	0 56	0 43	19 58	1 21	8 27	2 33	24 16	0 27	19 40	1 0	16 57	16 39	12 40	12 12	19 23		n.a.
S 29	23 44	11 2	0n32	20 32	1 13	14 48	2 2	0 42	0 44	20 0	1 21	8 25	2 33	24 16	0 27	19 40	1 0	16 57	16 40	12 40	12 13	19 23		n.a.
M30	23n46	7n17	1n37	20n59	0s59	15n10	2s 0	0n28	0s46	20s 1	1s22	8n24	2n32	24s16	0s27	19s41	1s 0	16s57	16s40	12n40	12n14	19n24		n.a.

Julian Day Number = 1315781.5, Delta T = 07h37m26s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'21, Lahiri = -19°17'21 Julian Calendar 1 June 1111 BCE == Greg. Calendar 21 May 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

JULY 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 20	27♊ 4'54	28♍22	9♊10	17♉46	27♍40	7°R23	14♍54	2°R10	7°R24	25♓40	27°R 8	28♌19	29♊13	n.a.	T 1
W 2	17 57 16	28° 2'24	11♎36	10°40	18°55	28°13	7♒18	14°57	2♉ 8	7♒23	25°40	27♌ 7	28°16	29°20	n.a.	W 2
T 3	18 1 13	28°59'55	25°18	12°14	20° 5	28°47	7°14	15° 0	2° 5	7°22	25°40	27° 4	28°13	29°27	n.a.	T 3
F 4	18 5 10	29°57'27	9♏28	13°53	21°14	29°20	7° 9	15° 3	2° 3	7°21	25°40	26°59	28° 9	29°34	n.a.	F 4
S 5	18 9 6	0♋55'00	24° 7	15°36	22°23	29°54	7° 4	15° 7	2° 0	7°19	25°40	26°52	28° 6	29°40	n.a.	S 5
S 6	18 13 3	1°52'34	9♐ 8	17°22	23°33	0♎28	6°59	15°10	1°58	7°18	25°40	26°44	28° 3	29°47	n.a.	S 6
M 7	18 16 59	2°50'10	24°22	19°11	24°42	1° 2	6°54	15°14	1°56	7°17	25°R40	26°36	28° 0	29°54	n.a.	M 7
T 8	18 20 56	3°47'47	9♑41	21° 3	25°52	1°37	6°49	15°17	1°53	7°16	25°40	26°29	27°57	0♋ 0	n.a.	T 8
W 9	18 24 52	4°45'26	24°51	22°57	27° 2	2°12	6°43	15°21	1°51	7°14	25°40	26°24	27°54	0° 7	n.a.	W 9
T 10	18 28 49	5°43'06	9♒45	24°53	28°11	2°46	6°37	15°25	1°49	7°13	25°40	26°21	27°50	0°14	n.a.	T 10
F 11	18 32 45	6°40'48	24°14	26°51	29°21	3°22	6°31	15°29	1°46	7°12	25°40	26°D20	27°47	0°20	n.a.	F 11
S 12	18 36 42	7°38'31	8♓17	28°50	0♊31	3°57	6°26	15°33	1°44	7°10	25°40	26°20	27°44	0°27	n.a.	S 12
S 13	18 40 39	8°36'17	21°52	0♋50	1°42	4°33	6°19	15°37	1°41	7° 9	25°40	26°21	27°41	0°34	n.a.	S 13
M14	18 44 35	9°34'04	5♈ 1	2°51	2°52	5° 8	6°13	15°41	1°39	7° 7	25°40	26°R22	27°38	0°41	n.a.	M14
T 15	18 48 32	10°31'53	17°48	4°51	4° 2	5°44	6° 7	15°45	1°37	7° 6	25°39	26°22	27°35	0°47	n.a.	T 15
W16	18 52 28	11°29'44	0♉17	6°52	5°13	6°21	6° 0	15°49	1°34	7° 5	25°39	26°20	27°31	0°54	n.a.	W16
T 17	18 56 25	12°27'37	12°31	8°53	6°23	6°57	5°54	15°53	1°32	7° 3	25°39	26°16	27°28	1° 1	n.a.	T 17
F 18	19 0 21	13°25'32	24°35	10°53	7°34	7°34	5°47	15°58	1°30	7° 2	25°39	26°11	27°25	1° 7	n.a.	F 18
S 19	19 4 18	14°23'29	6♊32	12°52	8°45	8°10	5°40	16° 2	1°27	7° 0	25°39	26° 4	27°22	1°14	n.a.	S 19
S 20	19 8 14	15°21'28	18°24	14°51	9°56	8°47	5°33	16° 7	1°25	6°59	25°38	25°56	27°19	1°21	n.a.	S 20
M21	19 12 11	16°19'28	0♋15	16°49	11° 7	9°25	5°26	16°11	1°23	6°57	25°38	25°49	27°15	1°27	n.a.	M21
T 22	19 16 8	17°17'31	12° 6	18°45	12°18	10° 2	5°19	16°16	1°20	6°56	25°38	25°42	27°12	1°34	n.a.	T 22
W23	19 20 4	18°15'35	23°59	20°41	13°29	10°39	5°12	16°21	1°18	6°54	25°37	25°37	27° 9	1°41	n.a.	W23
T 24	19 24 1	19°13'41	5♌55	22°36	14°40	11°17	5° 4	16°26	1°16	6°52	25°37	25°33	27° 6	1°48	n.a.	T 24
F 25	19 27 57	20°11'49	17°57	24°29	15°52	11°55	4°57	16°30	1°14	6°51	25°37	25°31	27° 3	1°54	n.a.	F 25
S 26	19 31 54	21° 9'58	0♍ 8	26°22	17° 3	12°33	4°49	16°35	1°11	6°49	25°36	25°D31	27° 0	2° 1	n.a.	S 26
S 27	19 35 50	22° 8'09	12°29	28°13	18°15	13°11	4°42	16°40	1° 9	6°48	25°36	25°32	26°56	2° 8	n.a.	S 27
M28	19 39 47	23° 6'22	25° 4	0♌ 3	19°26	13°50	4°34	16°45	1° 7	6°46	25°35	25°34	26°53	2°14	n.a.	M28
T 29	19 43 43	24° 4'37	7♎56	1°52	20°38	14°28	4°26	16°51	1° 5	6°45	25°35	25°35	26°50	2°21	n.a.	T 29
W30	19 47 40	25° 2'53	21° 8	3°39	21°50	15° 7	4°19	16°56	1° 3	6°43	25°35	25°R36	26°47	2°28	n.a.	W30
T 31	19 51 37	26♋ 1'10	4♏44	5♌26	23♊ 1	15♎46	4♒11	17♍ 1	1♉ 1	6♒41	25♓34	25♌36	26♌44	2♋34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n48	3n 5	2n39	21n27	0s45	15n32	1s57	0n14	0s47	20s 3	1s22	8n23	2n32	24s16	0s27	19s41	1s 0	16s58	16s40	12n40	12n15	19n24			n.a.
W 2	23 49	1s22	3 35	21 54	0 31	15 53	1 55	0s 1	0 48	20 4	1 22	8 21	2 32	24 16	0 27	19 41	1 0	16 58	16 41	12 40	12 16	19 25			n.a.
T 3	23 49	5 54	4 20	22 20	0 17	16 14	1 53	0 16	0 49	20 5	1 23	8 20	2 32	24 16	0 27	19 42	1 0	16 58	16 41	12 41	12 17	19 25			n.a.
F 4	23 49	10 16	4 52	22 46	0 5	16 35	1 50	0 30	0 51	20 7	1 23	8 18	2 32	24 16	0 27	19 42	1 0	16 58	16 41	12 43	12 18	19 26			n.a.
S 5	23 49	14 10	5 5	23 10	0n 8	16 56	1 48	0 45	0 52	20 9	1 23	8 17	2 31	24 16	0 28	19 42	1 0	16 59	16 42	12 45	12 19	19 26			n.a.
S 6	23 49	17 15	4 59	23 33	0 20	17 16	1 45	1 0	0 53	20 10	1 23	8 15	2 31	24 16	0 28	19 43	1 0	16 59	16 42	12 48	12 21	19 27			n.a.
M 7	23 48	19 11	4 31	23 53	0 31	17 36	1 42	1 15	0 54	20 12	1 24	8 13	2 31	24 16	0 28	19 43	1 0	16 59	16 42	12 51	12 22	19 27			n.a.
T 8	23 46	19 45	3 44	24 12	0 42	17 55	1 40	1 30	0 55	20 13	1 24	8 12	2 31	24 16	0 28	19 43	1 0	17 0	16 43	12 53	12 23	19 28			n.a.
W 9	23 44	18 52	2 41	24 29	0 51	18 14	1 37	1 45	0 56	20 15	1 24	8 10	2 30	24 16	0 28	19 44	1 0	17 0	16 43	12 55	12 24	19 28			n.a.
T 10	23 42	16 41	1 28	24 44	1 0	18 33	1 34	2 0	0 58	20 17	1 25	8 8	2 30	24 16	0 28	19 44	1 0	17 0	16 43	12 56	12 25	19 29			n.a.
F 11	23 39	13 29	0 11	24 56	1 9	18 51	1 31	2 15	0 59	20 19	1 25	8 7	2 30	24 16	0 28	19 45	1 0	17 1	16 44	12 56	12 26	19 29			n.a.
S 12	23 36	9 35	1s 4	25 5	1 16	19 9	1 28	2 30	1 0	20 20	1 25	8 5	2 30	24 16	0 28	19 45	1 0	17 1	16 44	12 56	12 27	19 29			n.a.
S 13	23 32	5 19	2 13	25 12	1 23	19 26	1 25	2 46	1 1	20 22	1 25	8 3	2 30	24 16	0 28	19 45	1 0	17 1	16 44	12 56	12 28	19 30			n.a.
M14	23 28	0 56	3 13	25 16	1 28	19 43	1 23	3 1	1 2	20 24	1 26	8 1	2 29	24 16	0 28	19 46	1 0	17 2	16 45	12 56	12 29	19 30			n.a.
T 15	23 24	3n22	4 2	25 17	1 33	20 0	1 20	3 16	1 3	20 26	1 26	8 0	2 29	24 16	0 28	19 46	1 0	17 2	16 45	12 56	12 31	19 31			n.a.
W16	23 19	7 25	4 38	25 16	1 38	20 15	1 17	3 32	1 4	20 28	1 26	7 58	2 29	24 16	0 28	19 47	1 1	17 2	16 45	12 56	12 32	19 31			n.a.
T 17	23 14	11 5	5 0	25 12	1 41	20 31	1 14	3 47	1 5	20 30	1 26	7 56	2 29	24 17	0 28	19 47	1 1	17 3	16 46	12 58	12 33	19 32			n.a.
F 18	23 8	14 14	5 9	25 6	1 44	20 46	1 11	4 3	1 6	20 32	1 27	7 54	2 29	24 17	0 28	19 47	1 1	17 3	16 46	13 0	12 34	19 32			n.a.
S 19	23 2	16 45	5 4	24 57	1 46	21 0	1 8	4 19	1 7	20 33	1 27	7 52	2 28	24 17	0 28	19 48	1 1	17 3	16 46	13 2	12 35	19 33			n.a.
S 20	22 55	18 34	4 46	24 45	1 47	21 14	1 4	4 34	1 8	20 35	1 27	7 50	2 28	24 17	0 28	19 48	1 1	17 4	16 46	13 5	12 36	19 33			n.a.
M21	22 49	19 34	4 16	24 32	1 48	21 27	1 1	4 50	1 9	20 37	1 27	7 48	2 28	24 17	0 28	19 49	1 1	17 4	16 47	13 7	12 37	19 33			n.a.
T 22	22 41	19 43	3 34	24 16	1 48	21 40	0 58	5 6	1 9	20 39	1 27	7 46	2 28	24 17	0 28	19 49	1 1	17 5	16 47	13 9	12 38	19 34			n.a.
W23	22 33	18 59	2 43	23 58	1 47	21 52	0 55	5 22	1 10	20 41	1 28	7 44	2 28	24 17	0 28	19 49	1 1	17 5	16 47	13 11	12 39	19 34			n.a.
T 24	22 25	17 24	1 45	23 38	1 46	22 4	0 52	5 37	1 11	20 43	1 28	7 42	2 27	24 17	0 28	19 50	1 1	17 5	16 48	13 13	12 40	19 35			n.a.
F 25	22 17	15 3	0 41	23 17	1 44	22 15	0 49	5 53	1 12	20 45	1 28	7 40	2 27	24 17	0 28	19 50	1 1	17 6	16 48	13 13	12 42	19 35			n.a.
S 26	22 8	12 0	0n25	22 53	1 42	22 25	0 46	6 9	1 13	20 47	1 28	7 38	2 27	24 17	0 28	19 51	1 1	17 6	16 48	13 13	12 43	19 36			n.a.
S 27	21 58	8 23	1 32	22 28	1 39	22 35	0 43	6 25	1 14	20 50	1 28	7 35	2 27	24 17	0 28	19 51	1 1	17 7	16 49	13 13	12 44	19 36			n.a.
M28	21 49	4 21	2 35	22 2	1 36	22 45	0 39	6 41	1 15	20 52	1 29	7 33	2 27	24 17	0 28	19 52	1 1	17 7	16 49	13 12	12 45	19 36			n.a.
T 29	21 38	0 2	3 32	21 34	1 33	22 53	0 36	6 57	1 15	20 54	1 29	7 31	2 27	24 17	0 28	19 52	1 1	17 8	16 49	13 12	12 46	19 37			n.a.
W30	21 28	4s23	4 19	21 5	1 29	23 1	0 33	7 13	1 16	20 56	1 29	7 29	2 26	24 17	0 28	19 52	1 1	17 8	16 50	13 12	12 47	19 37			n.a.
T 31	21n17	8s42	4n53	20n35	1n25	23n 8	0s30	7s29	1s17	20s58	1s29	7n27	2n26	24s17	0s28	19s53	1s 1	17s 9	16s50	13n12	12n48	19n38			n.a.

Julian Day Number = 1315811.5, Delta T = 07h37m24s
Ecliptic obliquity = 23°49'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'17, Lahiri = -19°17'17 Julian Calendar 1 July 1111 BCE == Greg. Calendar 20 June 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

AUGUST 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 55 33	26♋59'30	18♏44	7♌11	24♊13	16♎25	4°R 3	17♍ 6	0°R59	6°R40	25°R34	25°R34	26♌40	2♋41	n.a.	F 1
S 2	19 59 30	27°57'51	3♐ 8	8°55	25°25	17° 4	3♒55	17°12	0♑57	6♒38	25♓33	25♌32	26°37	2°48	n.a.	S 2
S 3	20 3 26	28°56'14	17°53	10°38	26°37	17°44	3°47	17°17	0°55	6°36	25°33	25°28	26°34	2°55	n.a.	S 3
M 4	20 7 23	29°54'39	2♑53	12°20	27°50	18°23	3°39	17°23	0°53	6°35	25°32	25°25	26°31	3° 1	n.a.	M 4
T 5	20 11 19	0♌53'05	18° 0	14° 0	29° 2	19° 3	3°31	17°28	0°51	6°33	25°31	25°22	26°28	3° 8	n.a.	T 5
W 6	20 15 16	1°51'34	3♒ 4	15°40	0♋14	19°43	3°23	17°34	0°49	6°31	25°31	25°19	26°25	3°15	n.a.	W 6
T 7	20 19 12	2°50'04	17°57	17°18	1°27	20°23	3°15	17°40	0°47	6°30	25°30	25°18	26°21	3°21	n.a.	T 7
F 8	20 23 9	3°48'37	2♓30	18°55	2°39	21° 3	3° 7	17°45	0°45	6°28	25°30	25°D18	26°18	3°28	n.a.	F 8
S 9	20 27 6	4°47'12	16°39	20°32	3°52	21°43	2°59	17°51	0°43	6°27	25°29	25°19	26°15	3°35	n.a.	S 9
S 10	20 31 2	5°45'49	0♈21	22° 7	5° 4	22°23	2°51	17°57	0°41	6°25	25°28	25°20	26°12	3°41	n.a.	S 10
M11	20 34 59	6°44'28	13°38	23°41	6°17	23° 4	2°44	18° 3	0°39	6°23	25°28	25°22	26° 9	3°48	n.a.	M11
T 12	20 38 55	7°43'10	26°30	25°14	7°30	23°44	2°36	18° 9	0°38	6°22	25°27	25°23	26° 6	3°55	n.a.	T 12
W13	20 42 52	8°41'54	9♉ 1	26°46	8°43	24°25	2°28	18°15	0°36	6°20	25°26	25°R23	26° 2	4° 1	n.a.	W13
T 14	20 46 48	9°40'41	21°16	28°17	9°55	25° 6	2°20	18°21	0°34	6°18	25°25	25°23	25°59	4° 8	n.a.	T 14
F 15	20 50 45	10°39'30	3♊18	29°47	11° 8	25°47	2°12	18°27	0°33	6°17	25°25	25°22	25°56	4°15	n.a.	F 15
S 16	20 54 41	11°38'21	15°13	1♍16	12°22	26°28	2° 4	18°33	0°31	6°15	25°24	25°20	25°53	4°22	n.a.	S 16
S 17	20 58 38	12°37'15	27° 4	2°44	13°35	27° 9	1°56	18°39	0°29	6°13	25°23	25°18	25°50	4°28	n.a.	S 17
M18	21 2 34	13°36'11	8♋54	4°11	14°48	27°51	1°49	18°45	0°28	6°12	25°22	25°16	25°46	4°35	n.a.	M18
T 19	21 6 31	14°35'10	20°47	5°37	16° 1	28°32	1°41	18°51	0°26	6°10	25°21	25°15	25°43	4°42	n.a.	T 19
W20	21 10 28	15°34'10	2♌46	7° 1	17°15	29°14	1°34	18°58	0°25	6° 8	25°21	25°13	25°40	4°48	n.a.	W20
T 21	21 14 24	16°33'13	14°51	8°25	18°28	29°56	1°26	19° 4	0°23	6° 7	25°20	25°13	25°37	4°55	n.a.	T 21
F 22	21 18 21	17°32'18	27° 6	9°47	19°42	0♏38	1°19	19°10	0°22	6° 5	25°19	25°D13	25°34	5° 2	n.a.	F 22
S 23	21 22 17	18°31'25	9♍31	11° 9	20°55	1°20	1°11	19°17	0°21	6° 3	25°18	25°13	25°31	5° 8	n.a.	S 23
S 24	21 26 14	19°30'35	22° 8	12°29	22° 9	2° 2	1° 4	19°23	0°19	6° 2	25°17	25°13	25°27	5°15	n.a.	S 24
M25	21 30 10	20°29'46	4♎59	13°48	23°22	2°44	0°57	19°30	0°18	6° 0	25°16	25°14	25°24	5°22	n.a.	M25
T 26	21 34 7	21°28'59	18° 3	15° 5	24°36	3°26	0°50	19°36	0°17	5°59	25°15	25°14	25°21	5°28	n.a.	T 26
W27	21 38 3	22°28'14	1♏23	16°21	25°50	4° 9	0°43	19°43	0°16	5°57	25°14	25°15	25°18	5°35	n.a.	W27
T 28	21 42 0	23°27'31	15° 0	17°36	27° 4	4°51	0°36	19°49	0°14	5°56	25°14	25°15	25°15	5°42	n.a.	T 28
F 29	21 45 56	24°26'50	28°54	18°49	28°18	5°34	0°30	19°56	0°13	5°54	25°13	25°R15	25°12	5°49	n.a.	F 29
S 30	21 49 53	25°26'11	13♐ 4	20° 0	29°32	6°16	0°23	20° 3	0°12	5°52	25°12	25°D15	25° 8	5°55	n.a.	S 30
S 31	21 53 50	26♌25'34	27♐29	21♍10	0♌46	6♏59	0♒17	20♍ 9	0♑11	5♒51	25♓11	25♌15	25♌ 5	6♋ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21n 6	12s41	5n12	20n 4	1n20	23n15	0s27	7s45	1s18	21s 0	1s29	7n24	2n26	24s17	0s28	19s53	1s 1	17s 9	16s50	13n12	12n49	19n38		n.a.	
S 2	20 54	16 2	5 11	19 32	1 15	23 21	0 24	8 1	1 18	21 2	1 29	7 22	2 26	24 17	0 28	19 54	1 1	17 9	16 50	13 13	12 50	19 38		n.a.	
S 3	20 42	18 27	4 50	18 58	1 10	23 26	0 21	8 17	1 19	21 4	1 29	7 20	2 26	24 17	0 28	19 54	1 1	17 10	16 51	13 14	12 52	19 39		n.a.	
M 4	20 30	19 38	4 9	18 24	1 5	23 31	0 17	8 33	1 20	21 6	1 30	7 17	2 26	24 17	0 28	19 55	1 1	17 10	16 51	13 15	12 53	19 39		n.a.	
T 5	20 17	19 26	3 11	17 50	0 59	23 35	0 14	8 49	1 21	21 8	1 30	7 15	2 25	24 17	0 28	19 55	1 1	17 11	16 51	13 16	12 54	19 39		n.a.	
W 6	20 4	17 51	1 59	17 14	0 53	23 38	0 11	9 5	1 21	21 10	1 30	7 13	2 25	24 17	0 28	19 55	1 1	17 11	16 51	13 17	12 55	19 40		n.a.	
T 7	19 50	15 3	0 40	16 38	0 47	23 41	0 8	9 21	1 22	21 12	1 30	7 10	2 25	24 17	0 28	19 56	1 1	17 12	16 52	13 18	12 56	19 40		n.a.	
F 8	19 37	11 22	0s40	16 2	0 40	23 43	0 5	9 37	1 23	21 14	1 30	7 8	2 25	24 17	0 28	19 56	1 1	17 12	16 52	13 18	12 57	19 41		n.a.	
S 9	19 22	7 7	1 55	15 25	0 34	23 44	0 2	9 53	1 23	21 16	1 30	7 5	2 25	24 17	0 28	19 57	1 1	17 13	16 52	13 17	12 58	19 41		n.a.	
S 10	19 8	2 37	3 2	14 47	0 27	23 45	0n 1	10 9	1 24	21 18	1 30	7 3	2 25	24 17	0 28	19 57	1 1	17 13	16 53	13 17	12 59	19 41		n.a.	
M11	18 53	1n51	3 56	14 9	0 20	23 44	0 4	10 24	1 24	21 20	1 30	7 1	2 24	24 17	0 28	19 58	1 1	17 14	16 53	13 16	13 0	19 42		n.a.	
T 12	18 38	6 5	4 37	13 31	0 13	23 43	0 7	10 40	1 25	21 22	1 30	6 58	2 24	24 17	0 28	19 58	1 1	17 14	16 53	13 16	13 1	19 42		n.a.	
W13	18 23	9 57	5 3	12 53	0 6	23 42	0 10	10 56	1 26	21 24	1 30	6 56	2 24	24 17	0 28	19 58	1 1	17 15	16 53	13 16	13 2	19 42		n.a.	
T 14	18 7	13 18	5 15	12 14	0s 2	23 40	0 13	11 12	1 26	21 25	1 30	6 53	2 24	24 17	0 27	19 59	1 1	17 15	16 53	13 16	13 4	19 43		n.a.	
F 15	17 51	16 2	5 13	11 35	0 9	23 36	0 16	11 28	1 27	21 27	1 30	6 51	2 24	24 17	0 27	19 59	1 1	17 16	16 54	13 16	13 5	19 43		n.a.	
S 16	17 34	18 4	4 57	10 56	0 17	23 33	0 18	11 43	1 27	21 29	1 30	6 48	2 24	24 17	0 27	20 0	1 1	17 16	16 54	13 17	13 6	19 43		n.a.	
S 17	17 18	19 18	4 29	10 17	0 24	23 28	0 21	11 59	1 28	21 31	1 31	6 45	2 24	24 17	0 27	20 0	1 1	17 17	16 54	13 18	13 7	19 44		n.a.	
M18	17 0	19 42	3 49	9 38	0 32	23 23	0 24	12 15	1 28	21 33	1 31	6 43	2 24	24 17	0 27	20 1	1 1	17 17	16 54	13 18	13 8	19 44		n.a.	
T 19	16 43	19 14	2 59	9 0	0 39	23 17	0 27	12 30	1 29	21 34	1 31	6 40	2 23	24 17	0 27	20 1	1 1	17 18	16 55	13 19	13 9	19 44		n.a.	
W20	16 26	17 53	2 1	8 21	0 47	23 11	0 29	12 46	1 29	21 36	1 31	6 38	2 23	24 17	0 27	20 1	1 1	17 18	16 55	13 19	13 10	19 45		n.a.	
T 21	16 8	15 44	0 57	7 42	0 55	23 3	0 32	13 1	1 30	21 38	1 31	6 35	2 23	24 17	0 27	20 2	1 1	17 19	16 55	13 19	13 11	19 45		n.a.	
F 22	15 50	12 50	0n10	7 3	1 3	22 56	0 35	13 17	1 30	21 40	1 31	6 32	2 23	24 17	0 27	20 2	1 1	17 20	16 55	13 19	13 12	19 45		n.a.	
S 23	15 31	9 20	1 19	6 25	1 10	22 47	0 37	13 32	1 31	21 41	1 31	6 30	2 23	24 17	0 27	20 3	1 1	17 20	16 55	13 19	13 13	19 46		n.a.	
S 24	15 12	5 22	2 24	5 47	1 18	22 38	0 40	13 47	1 31	21 43	1 31	6 27	2 23	24 17	0 27	20 3	1 1	17 21	16 56	13 19	13 14	19 46		n.a.	
M25	14 53	1 6	3 23	5 9	1 26	22 27	0 42	14 3	1 31	21 44	1 31	6 24	2 23	24 17	0 27	20 4	1 1	17 21	16 56	13 19	13 16	19 46		n.a.	
T 26	14 34	3s18	4 13	4 32	1 33	22 17	0 45	14 18	1 32	21 46	1 30	6 22	2 23	24 17	0 27	20 4	1 1	17 22	16 56	13 19	13 17	19 46		n.a.	
W27	14 15	7 37	4 51	3 55	1 41	22 5	0 47	14 33	1 32	21 47	1 30	6 19	2 23	24 17	0 27	20 4	1 1	17 22	16 56	13 19	13 18	19 47		n.a.	
T 28	13 55	11 37	5 13	3 19	1 49	21 53	0 49	14 48	1 33	21 49	1 30	6 16	2 23	24 17	0 27	20 5	1 1	17 23	16 56	13 19	13 19	19 47		n.a.	
F 29	13 35	15 5	5 17	2 43	1 56	21 41	0 52	15 3	1 33	21 50	1 30	6 13	2 22	24 17	0 27	20 5	1 1	17 23	16 57	13 19	13 20	19 47		n.a.	
S 30	13 15	17 44	5 2	2 8	2 3	21 27	0 54	15 17	1 33	21 52	1 30	6 11	2 22	24 17	0 27	20 6	1 1	17 24	16 57	13 19	13 21	19 48		n.a.	
S 31	12n54	19s19	4n29	1n34	2s10	21n13	0n56	15s32	1s34	21s53	1s30	6n 8	2n22	24s17	0s27	20s 6	1s 1	17s24	16s57	13n19	13n22	19n48		n.a.	

Julian Day Number = 1315842.5, Delta T = 07h37m23s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'13, Lahiri = -19°17'13 Julian Calendar 1 Aug. 1111 BCE == Greg. Calendar 21 July 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

SEPTEMBER 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 57 46	27♌24'59	12♑ 5	22♍18	2♌ 0	7♏42	0°R11	20♍16	0°R10	5°R49	25°R10	25♌15	25♌ 2	6♋ 9	n.a.	M 1
T 2	22 1 43	28°24'26	26°47	23°23	3°14	8°25	0♒ 4	20°23	0♑ 9	5♒48	25♓ 9	25°15	24°59	6°15	n.a.	T 2
W 3	22 5 39	29°23'54	11♒30	24°26	4°28	9° 8	29♑58	20°30	0° 9	5°46	25° 8	25°16	24°56	6°22	n.a.	W 3
T 4	22 9 36	0♍23'25	26° 6	25°27	5°42	9°51	29°53	20°36	0° 8	5°45	25° 7	25°R16	24°52	6°29	n.a.	T 4
F 5	22 13 32	1°22'58	10♓30	26°25	6°56	10°35	29°47	20°43	0° 7	5°43	25° 6	25°15	24°49	6°35	n.a.	F 5
S 6	22 17 29	2°22'33	24°35	27°21	8°11	11°18	29°41	20°50	0° 6	5°42	25° 5	25°15	24°46	6°42	n.a.	S 6
S 7	22 21 25	3°22'10	8♈18	28°13	9°25	12° 1	29°36	20°57	0° 6	5°41	25° 4	25°14	24°43	6°49	n.a.	S 7
M 8	22 25 22	4°21'49	21°38	29° 1	10°39	12°45	29°31	21° 4	0° 5	5°39	25° 3	25°13	24°40	6°55	n.a.	M 8
T 9	22 29 18	5°21'31	4♉34	29°46	11°54	13°29	29°26	21°11	0° 4	5°38	25° 1	25°12	24°37	7° 2	n.a.	T 9
W10	22 33 15	6°21'16	17°10	0♎26	13° 8	14°12	29°21	21°18	0° 4	5°36	25° 0	25°11	24°33	7° 9	n.a.	W10
T 11	22 37 12	7°21'02	29°27	1° 2	14°23	14°56	29°16	21°25	0° 3	5°35	24°59	25°10	24°30	7°16	n.a.	T 11
F 12	22 41 8	8°20'51	11♊31	1°32	15°38	15°40	29°11	21°32	0° 3	5°34	24°58	25°D10	24°27	7°22	n.a.	F 12
S 13	22 45 5	9°20'43	23°26	1°57	16°52	16°24	29° 7	21°39	0° 2	5°32	24°57	25°10	24°24	7°29	n.a.	S 13
S 14	22 49 1	10°20'37	5♋16	2°16	18° 7	17° 8	29° 3	21°46	0° 2	5°31	24°56	25°11	24°21	7°36	n.a.	S 14
M15	22 52 58	11°20'33	17° 7	2°28	19°22	17°52	28°59	21°53	0° 2	5°30	24°55	25°13	24°17	7°42	n.a.	M15
T 16	22 56 54	12°20'32	29° 3	2°R32	20°37	18°36	28°55	22° 0	0° 2	5°29	24°54	25°14	24°14	7°49	n.a.	T 16
W17	23 0 51	13°20'32	11♌ 7	2°29	21°51	19°20	28°51	22° 7	0° 1	5°27	24°53	25°15	24°11	7°56	n.a.	W17
T 18	23 4 47	14°20'35	23°22	2°17	23° 6	20° 5	28°48	22°14	0° 1	5°26	24°52	25°R16	24° 8	8° 2	n.a.	T 18
F 19	23 8 44	15°20'40	5♍51	1°57	24°21	20°49	28°44	22°21	0° 1	5°25	24°51	25°16	24° 5	8° 9	n.a.	F 19
S 20	23 12 41	16°20'47	18°35	1°27	25°36	21°33	28°41	22°28	0°D 1	5°24	24°49	25°14	24° 2	8°16	n.a.	S 20
S 21	23 16 37	17°20'56	1♎34	0°48	26°51	22°18	28°38	22°35	0° 1	5°23	24°48	25°12	23°58	8°22	n.a.	S 21
M22	23 20 34	18°21'07	14°48	0° 0	28° 6	23° 3	28°36	22°42	0° 1	5°21	24°47	25° 8	23°55	8°29	n.a.	M22
T 23	23 24 30	19°21'20	28°16	29♍ 4	29°21	23°47	28°33	22°49	0° 1	5°20	24°46	25° 5	23°52	8°36	n.a.	T 23
W24	23 28 27	20°21'34	11♏55	27°59	0♍36	24°32	28°31	22°56	0° 1	5°19	24°45	25° 1	23°49	8°42	n.a.	W24
T 25	23 32 23	21°21'50	25°45	26°48	1°51	25°17	28°29	23° 3	0° 2	5°18	24°44	24°58	23°46	8°49	n.a.	T 25
F 26	23 36 20	22°22'08	9♐43	25°33	3° 6	26° 1	28°27	23°11	0° 2	5°17	24°43	24°56	23°43	8°56	n.a.	F 26
S 27	23 40 16	23°22'28	23°49	24°15	4°22	26°46	28°25	23°18	0° 2	5°16	24°41	24°D56	23°39	9° 3	n.a.	S 27
S 28	23 44 13	24°22'49	7♑59	22°57	5°37	27°31	28°24	23°25	0° 3	5°15	24°40	24°56	23°36	9° 9	n.a.	S 28
M29	23 48 9	25°23'12	22°13	21°40	6°52	28°16	28°22	23°32	0° 3	5°14	24°39	24°58	23°33	9°16	n.a.	M29
T 30	23 52 6	26♍23'36	6♒29	20♍29	8♍ 7	29♏ 1	28♑21	23♍39	0♑ 4	5♒13	24♓38	24♌59	23♌30	9♋23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n34	19s39	3n38	1n 0	2s17	20n59	0n58	15s47	1s34	21s54	1s30	6n 5	2n22	24s17	0s27	20s 6	1s 1	17s25	16s57	13n19	13n23	19n48		n.a.
T 2	12 13	18 39	2 32	0 28	2 24	20 43	1 0	16 1	1 34	21 56	1 30	6 2	2 22	24 17	0 27	20 7	1 1	17 25	16 57	13 19	13 24	19 48		n.a.
W 3	11 52	16 24	1 16	0s 3	2 31	20 27	1 2	16 16	1 35	21 57	1 30	6 0	2 22	24 17	0 27	20 7	1 1	17 26	16 57	13 19	13 25	19 49		n.a.
T 4	11 31	13 6	0s 5	0 34	2 37	20 11	1 4	16 30	1 35	21 58	1 30	5 57	2 22	24 17	0 27	20 7	1 1	17 26	16 57	13 18	13 26	19 49		n.a.
F 5	11 9	9 2	1 24	1 2	2 43	19 54	1 6	16 44	1 35	21 59	1 30	5 54	2 22	24 17	0 27	20 8	1 1	17 27	16 58	13 19	13 27	19 49		n.a.
S 6	10 48	4 34	2 36	1 30	2 49	19 36	1 8	16 58	1 35	22 0	1 30	5 51	2 22	24 17	0 27	20 8	1 1	17 28	16 58	13 19	13 29	19 49		n.a.
S 7	10 26	0n 2	3 37	1 56	2 54	19 18	1 9	17 12	1 36	22 1	1 30	5 49	2 22	24 17	0 27	20 8	1 1	17 28	16 58	13 19	13 30	19 50		n.a.
M 8	10 4	4 29	4 24	2 20	2 59	18 59	1 11	17 26	1 36	22 2	1 30	5 46	2 22	24 17	0 27	20 9	1 1	17 29	16 58	13 19	13 31	19 50		n.a.
T 9	9 42	8 36	4 57	2 42	3 3	18 40	1 13	17 40	1 36	22 3	1 29	5 43	2 22	24 17	0 27	20 9	1 1	17 29	16 58	13 20	13 32	19 50		n.a.
W10	9 19	12 13	5 14	3 1	3 7	18 20	1 14	17 53	1 36	22 4	1 29	5 40	2 22	24 17	0 27	20 10	1 1	17 30	16 58	13 20	13 33	19 50		n.a.
T 11	8 57	15 13	5 16	3 19	3 10	17 59	1 16	18 7	1 36	22 5	1 29	5 37	2 22	24 17	0 27	20 10	1 1	17 30	16 58	13 20	13 34	19 51		n.a.
F 12	8 34	17 30	5 4	3 33	3 12	17 38	1 17	18 20	1 37	22 6	1 29	5 34	2 22	24 17	0 27	20 10	1 1	17 31	16 58	13 20	13 35	19 51		n.a.
S 13	8 11	19 1	4 39	3 45	3 14	17 16	1 18	18 33	1 37	22 7	1 29	5 32	2 22	24 17	0 27	20 10	1 1	17 31	16 58	13 20	13 36	19 51		n.a.
S 14	7 49	19 41	4 3	3 53	3 14	16 54	1 20	18 46	1 37	22 8	1 29	5 29	2 21	24 17	0 27	20 11	1 1	17 32	16 58	13 20	13 37	19 51		n.a.
M15	7 25	19 28	3 16	3 57	3 14	16 32	1 21	18 59	1 37	22 8	1 29	5 26	2 21	24 17	0 27	20 11	1 1	17 32	16 59	13 19	13 38	19 52		n.a.
T 16	7 2	18 24	2 20	3 58	3 12	16 9	1 22	19 12	1 37	22 9	1 29	5 23	2 21	24 17	0 27	20 11	1 1	17 33	16 59	13 19	13 39	19 52		n.a.
W17	6 39	16 29	1 17	3 54	3 10	15 45	1 23	19 24	1 37	22 10	1 28	5 20	2 21	24 17	0 27	20 12	1 1	17 33	16 59	13 19	13 40	19 52		n.a.
T 18	6 16	13 47	0 10	3 45	3 5	15 21	1 24	19 37	1 37	22 10	1 28	5 17	2 21	24 17	0 27	20 12	1 1	17 34	16 59	13 18	13 41	19 52		n.a.
F 19	5 52	10 25	0n58	3 31	2 59	14 57	1 25	19 49	1 38	22 11	1 28	5 14	2 21	24 17	0 27	20 12	1 1	17 34	16 59	13 18	13 43	19 53		n.a.
S 20	5 28	6 30	2 5	3 12	2 52	14 32	1 26	20 1	1 38	22 11	1 28	5 12	2 21	24 17	0 27	20 13	1 1	17 35	16 59	13 19	13 44	19 53		n.a.
S 21	5 5	2 13	3 7	2 48	2 42	14 7	1 27	20 13	1 38	22 12	1 28	5 9	2 21	24 17	0 27	20 13	1 1	17 35	16 59	13 20	13 45	19 53		n.a.
M22	4 41	2s15	4 0	2 18	2 31	13 41	1 28	20 24	1 38	22 12	1 28	5 6	2 21	24 17	0 27	20 13	1 1	17 36	16 59	13 21	13 46	19 53		n.a.
T 23	4 17	6 40	4 40	1 43	2 18	13 15	1 28	20 36	1 38	22 12	1 27	5 3	2 21	24 16	0 27	20 13	1 1	17 36	16 59	13 22	13 47	19 53		n.a.
W24	3 53	10 49	5 6	1 3	2 3	12 49	1 29	20 47	1 38	22 13	1 27	5 0	2 21	24 16	0 27	20 14	1 1	17 37	16 59	13 23	13 48	19 54		n.a.
T 25	3 29	14 26	5 14	0 20	1 46	12 22	1 29	20 58	1 38	22 13	1 27	4 57	2 21	24 16	0 27	20 14	1 1	17 37	16 59	13 24	13 49	19 54		n.a.
F 26	3 5	17 16	5 3	0n28	1 28	11 55	1 30	21 9	1 38	22 13	1 27	4 54	2 21	24 16	0 27	20 14	1 1	17 38	16 59	13 25	13 50	19 54		n.a.
S 27	2 40	19 6	4 35	1 17	1 8	11 28	1 30	21 20	1 38	22 13	1 27	4 52	2 21	24 16	0 27	20 14	1 1	17 38	16 59	13 25	13 51	19 54		n.a.
S 28	2 16	19 46	3 50	2 7	0 48	11 0	1 30	21 31	1 38	22 14	1 27	4 49	2 21	24 16	0 27	20 15	1 1	17 38	16 59	13 25	13 52	19 54		n.a.
M29	1 52	19 10	2 50	2 56	0 27	10 32	1 31	21 41	1 38	22 14	1 26	4 46	2 21	24 16	0 27	20 15	1 1	17 39	16 59	13 25	13 53	19 54		n.a.
T 30	1n27	17s21	1n40	3n44	0s 7	10n 3	1n31	21s51	1s38	22s14	1s26	4n43	2n21	24s16	0s27	20s15	1s 1	17s39	16s59	13n24	13n54	19n55		n.a.

Julian Day Number = 1315873.5, Delta T = 07h37m21s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'09, Lahiri = -19°17'09 Julian Calendar 1 Sept. 1111 BCE == Greg. Calendar 21 Aug. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

OCTOBER 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 56 3	27♍24'01	20♒43	19°R25	9♍23	29♏46	28°R20	23♍46	0♉ 4	5°R13	24°R37	25°R 0	23♌27	9♋29	n.a.	W 1
T 2	23 59 59	28°24'29	4♓52	18♍29	10°38	0♐32	28♉20	23°53	0° 5	5♒12	24♓36	25♌ 0	23°23	9°36	n.a.	T 2
F 3	0 3 56	29°24'57	18°53	17°44	11°53	1°17	28°19	24° 0	0° 5	5°11	24°35	24°58	23°20	9°43	n.a.	F 3
S 4	0 7 52	0♎25'28	2♈42	17° 9	13° 8	2° 2	28°19	24° 7	0° 6	5°10	24°33	24°54	23°17	9°49	n.a.	S 4
S 5	0 11 49	1°26'00	16°14	16°47	14°24	2°47	28°D19	24°14	0° 7	5° 9	24°32	24°48	23°14	9°56	n.a.	S 5
M 6	0 15 45	2°26'34	29°28	16°D36	15°39	3°33	28°19	24°21	0° 8	5° 9	24°31	24°42	23°11	10° 3	n.a.	M 6
T 7	0 19 42	3°27'10	12♉23	16°37	16°55	4°18	28°19	24°28	0° 8	5° 8	24°30	24°35	23° 8	10° 9	n.a.	T 7
W 8	0 23 38	4°27'47	24°58	16°48	18°10	5° 3	28°20	24°36	0° 9	5° 7	24°29	24°29	23° 4	10°16	n.a.	W 8
T 9	0 27 35	5°28'27	7♊17	17°10	19°25	5°49	28°21	24°43	0°10	5° 7	24°28	24°23	23° 1	10°23	n.a.	T 9
F 10	0 31 32	6°29'08	19°22	17°41	20°41	6°34	28°22	24°50	0°11	5° 6	24°27	24°20	22°58	10°29	n.a.	F 10
S 11	0 35 28	7°29'52	1♋17	18°20	21°56	7°20	28°23	24°57	0°12	5° 5	24°26	24°18	22°55	10°36	n.a.	S 11
S 12	0 39 25	8°30'37	13° 7	19° 6	23°12	8° 5	28°24	25° 4	0°13	5° 5	24°25	24°D18	22°52	10°43	n.a.	S 12
M13	0 43 21	9°31'23	24°57	20° 0	24°27	8°51	28°26	25°11	0°14	5° 4	24°23	24°19	22°49	10°49	n.a.	M13
T 14	0 47 18	10°32'12	6♌53	20°59	25°43	9°37	28°28	25°17	0°16	5° 4	24°22	24°20	22°45	10°56	n.a.	T 14
W15	0 51 14	11°33'02	19° 0	22° 3	26°58	10°22	28°30	25°24	0°17	5° 4	24°21	24°R21	22°42	11° 3	n.a.	W15
T 16	0 55 11	12°33'54	1♍21	23°12	28°14	11° 8	28°32	25°31	0°18	5° 3	24°20	24°21	22°39	11° 9	n.a.	T 16
F 17	0 59 7	13°34'47	14° 1	24°24	29°29	11°54	28°34	25°38	0°19	5° 3	24°19	24°19	22°36	11°16	n.a.	F 17
S 18	1 3 4	14°35'42	27° 1	25°40	0♎45	12°40	28°37	25°45	0°21	5° 2	24°18	24°15	22°33	11°23	n.a.	S 18
S 19	1 7 0	15°36'38	10♎21	26°58	2° 1	13°25	28°40	25°52	0°22	5° 2	24°17	24° 8	22°29	11°29	n.a.	S 19
M20	1 10 57	16°37'35	24° 1	28°19	3°16	14°11	28°43	25°59	0°24	5° 2	24°16	24° 0	22°26	11°36	n.a.	M20
T 21	1 14 54	17°38'34	7♏57	29°41	4°32	14°57	28°46	26° 6	0°25	5° 2	24°15	23°50	22°23	11°43	n.a.	T 21
W22	1 18 50	18°39'34	22° 5	1♐ 6	5°47	15°43	28°49	26°12	0°27	5° 1	24°14	23°41	22°20	11°50	n.a.	W22
T 23	1 22 47	19°40'35	6♐19	2°31	7° 3	16°29	28°53	26°19	0°28	5° 1	24°13	23°33	22°17	11°56	n.a.	T 23
F 24	1 26 43	20°41'37	20°35	3°58	8°19	17°15	28°57	26°26	0°30	5° 1	24°12	23°27	22°14	12° 3	n.a.	F 24
S 25	1 30 40	21°42'39	4♑50	5°26	9°34	18° 1	29° 1	26°32	0°32	5° 1	24°11	23°23	22°10	12°10	n.a.	S 25
S 26	1 34 36	22°43'43	18°59	6°55	10°50	18°47	29° 5	26°39	0°34	5° 1	24°10	23°D22	22° 7	12°16	n.a.	S 26
M27	1 38 33	23°44'47	3♒ 3	8°25	12° 5	19°33	29° 9	26°46	0°35	5°D 1	24° 9	23°22	22° 4	12°23	n.a.	M27
T 28	1 42 30	24°45'52	17° 0	9°55	13°21	20°19	29°14	26°52	0°37	5° 1	24° 8	23°R23	22° 1	12°30	n.a.	T 28
W29	1 46 26	25°46'57	0♓50	11°25	14°37	21° 5	29°18	26°59	0°39	5° 1	24° 7	23°23	21°58	12°36	n.a.	W29
T 30	1 50 23	26°48'04	14°32	12°56	15°52	21°51	29°23	27° 5	0°41	5° 1	24° 6	23°21	21°54	12°43	n.a.	T 30
F 31	1 54 19	27♎49'10	28♓ 6	14♎27	17♎ 8	22♐37	29♉28	27♍12	0♉43	5♒ 1	24♓ 5	23♌16	21♌51	12♋50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n 3	14s27	0n23	4n28	0n13	9n35	1n31	22s 1	1s38	22s14	1s26	4n40	2n21	24s16	0s27	20s15	1s 1	17s40	16s59	13n24	13n55	19n55			n.a.
T 2	0 39	10 42	0s54	5 7	0 33	9 6	1 31	22 11	1 38	22 14	1 26	4 37	2 21	24 16	0 27	20 15	1 1	17 40	16 59	13 24	13 56	19 55			n.a.
F 3	0 14	6 24	2 7	5 42	0 50	8 37	1 31	22 20	1 38	22 14	1 26	4 35	2 21	24 16	0 27	20 16	1 1	17 41	16 59	13 25	13 57	19 55			n.a.
S 4	0s10	1 50	3 11	6 10	1 7	8 7	1 31	22 30	1 38	22 13	1 25	4 32	2 21	24 16	0 27	20 16	1 1	17 41	16 59	13 26	13 58	19 55			n.a.
S 5	0 35	2n45	4 3	6 33	1 21	7 38	1 31	22 39	1 38	22 13	1 25	4 29	2 21	24 16	0 27	20 16	1 1	17 41	16 59	13 28	14 0	19 55			n.a.
M 6	0 59	7 5	4 41	6 49	1 34	7 8	1 30	22 48	1 38	22 13	1 25	4 26	2 22	24 16	0 27	20 16	1 1	17 42	16 59	13 30	14 1	19 56			n.a.
T 7	1 24	10 59	5 3	6 59	1 45	6 38	1 30	22 56	1 37	22 13	1 25	4 23	2 22	24 16	0 27	20 16	1 1	17 42	16 59	13 32	14 2	19 56			n.a.
W 8	1 48	14 18	5 10	7 3	1 55	6 7	1 30	23 5	1 37	22 13	1 25	4 21	2 22	24 16	0 27	20 16	1 1	17 43	16 58	13 34	14 3	19 56			n.a.
T 9	2 13	16 54	5 2	7 1	2 2	5 37	1 29	23 13	1 37	22 12	1 25	4 18	2 22	24 16	0 27	20 17	1 1	17 43	16 58	13 36	14 4	19 56			n.a.
F 10	2 37	18 43	4 41	6 55	2 8	5 6	1 29	23 21	1 37	22 12	1 24	4 15	2 22	24 16	0 27	20 17	1 1	17 43	16 58	13 37	14 5	19 56			n.a.
S 11	3 1	19 41	4 8	6 43	2 13	4 35	1 28	23 29	1 37	22 11	1 24	4 12	2 22	24 16	0 27	20 17	1 1	17 44	16 58	13 38	14 6	19 56			n.a.
S 12	3 26	19 46	3 25	6 28	2 16	4 5	1 27	23 36	1 37	22 11	1 24	4 9	2 22	24 16	0 27	20 17	1 1	17 44	16 58	13 38	14 7	19 56			n.a.
M13	3 50	18 59	2 32	6 8	2 18	3 33	1 27	23 43	1 37	22 10	1 24	4 7	2 22	24 16	0 27	20 17	1 1	17 44	16 58	13 38	14 8	19 56			n.a.
T 14	4 14	17 21	1 33	5 46	2 19	3 2	1 26	23 50	1 36	22 10	1 24	4 4	2 22	24 16	0 27	20 17	1 1	17 45	16 58	13 37	14 9	19 57			n.a.
W15	4 38	14 55	0 29	5 20	2 19	2 31	1 25	23 57	1 36	22 9	1 23	4 1	2 22	24 16	0 27	20 17	1 1	17 45	16 58	13 37	14 10	19 57			n.a.
T 16	5 2	11 45	0n38	4 51	2 18	2 0	1 24	24 3	1 36	22 9	1 23	3 58	2 22	24 16	0 27	20 17	1 0	17 45	16 58	13 37	14 11	19 57			n.a.
F 17	5 27	7 59	1 44	4 21	2 17	1 28	1 23	24 10	1 36	22 8	1 23	3 56	2 22	24 16	0 27	20 17	1 0	17 46	16 57	13 38	14 12	19 57			n.a.
S 18	5 51	3 45	2 47	3 48	2 14	0 57	1 22	24 16	1 36	22 7	1 23	3 53	2 22	24 16	0 27	20 17	1 0	17 46	16 57	13 39	14 13	19 57			n.a.
S 19	6 14	0s47	3 42	3 14	2 11	0 25	1 21	24 21	1 35	22 6	1 23	3 50	2 22	24 16	0 27	20 17	1 0	17 46	16 57	13 41	14 14	19 57			n.a.
M20	6 38	5 22	4 25	2 38	2 8	0s 6	1 20	24 27	1 35	22 5	1 22	3 48	2 22	24 16	0 27	20 17	1 0	17 47	16 57	13 44	14 15	19 57			n.a.
T 21	7 2	9 45	4 54	2 1	2 3	0 38	1 19	24 32	1 35	22 5	1 22	3 45	2 22	24 16	0 27	20 18	1 0	17 47	16 57	13 47	14 16	19 57			n.a.
W22	7 26	13 40	5 5	1 22	1 59	1 9	1 17	24 37	1 35	22 4	1 22	3 42	2 23	24 16	0 27	20 18	1 0	17 47	16 57	13 50	14 17	19 57			n.a.
T 23	7 49	16 49	4 58	0 43	1 54	1 41	1 16	24 42	1 34	22 3	1 22	3 40	2 23	24 16	0 27	20 18	1 0	17 47	16 57	13 53	14 19	19 57			n.a.
F 24	8 12	18 58	4 32	0 3	1 49	2 12	1 15	24 46	1 34	22 2	1 21	3 37	2 23	24 16	0 27	20 18	1 0	17 48	16 56	13 55	14 20	19 57			n.a.
S 25	8 36	19 55	3 50	0s37	1 43	2 44	1 13	24 50	1 34	22 1	1 21	3 34	2 23	24 16	0 26	20 18	1 0	17 48	16 56	13 56	14 21	19 58			n.a.
S 26	8 59	19 36	2 53	1 18	1 37	3 15	1 12	24 54	1 34	22 0	1 21	3 32	2 23	24 16	0 26	20 18	1 0	17 48	16 56	13 57	14 22	19 58			n.a.
M27	9 22	18 4	1 46	1 59	1 31	3 47	1 10	24 57	1 33	21 59	1 21	3 29	2 23	24 16	0 26	20 18	1 0	17 48	16 56	13 57	14 23	19 58			n.a.
T 28	9 44	15 27	0 34	2 41	1 25	4 18	1 9	25 1	1 33	21 57	1 21	3 27	2 23	24 16	0 26	20 18	1 0	17 49	16 56	13 56	14 24	19 58			n.a.
W29	10 7	11 58	0s40	3 23	1 19	4 49	1 7	25 4	1 33	21 56	1 21	3 24	2 23	24 16	0 26	20 18	1 0	17 49	16 55	13 57	14 25	19 58			n.a.
T 30	10 30	7 53	1 50	4 5	1 13	5 20	1 5	25 6	1 32	21 55	1 20	3 22	2 23	24 16	0 26	20 17	1 0	17 49	16 55	13 57	14 26	19 58			n.a.
F 31	10s52	3s25	2s54	4s47	1n 6	5s51	1n 4	25s 9	1s32	21s54	1s20	3n19	2n23	24s16	0s26	20s17	1s 0	17s49	16s55	13n59	14n27	19n58			n.a.

Julian Day Number = 1315903.5, Delta T = 07h37m20s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'05, Lahiri = -19°17'04 Julian Calendar 1 Oct. 1111 BCE == Greg. Calendar 20 Sept. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

NOVEMBER 1111 BCE (-1110) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s14	1n 9	3s47	5s29	0n59	6s22	1n 2	25s11	1s32	21s52	1s20	3n17	2n24	24s16	0s26	20s17	1s 0	17s49	16s55	14n 1	14n28	19n58		n.a.
S 2	11 36	5 35	4 26	6 11	0 53	6 53	1 0	25 13	1 31	21 51	1 20	3 14	2 24	24 16	0 26	20 17	1 0	17 50	16 55	14 5	14 29	19 58		n.a.
M 3	11 58	9 42	4 52	6 52	0 46	7 24	0 58	25 15	1 31	21 50	1 20	3 12	2 24	24 16	0 26	20 17	1 0	17 50	16 54	14 9	14 30	19 58		n.a.
T 4	12 19	13 18	5 2	7 34	0 39	7 54	0 56	25 16	1 31	21 48	1 19	3 9	2 24	24 16	0 26	20 17	1 0	17 50	16 54	14 13	14 31	19 58		n.a.
W 5	12 41	16 13	4 57	8 15	0 32	8 24	0 54	25 17	1 30	21 47	1 19	3 7	2 24	24 16	0 26	20 17	1 0	17 50	16 54	14 17	14 32	19 58		n.a.
T 6	13 2	18 22	4 38	8 57	0 25	8 54	0 52	25 18	1 30	21 45	1 19	3 5	2 24	24 16	0 26	20 17	1 0	17 50	16 54	14 21	14 33	19 58		n.a.
F 7	13 23	19 40	4 8	9 37	0 19	9 24	0 50	25 18	1 30	21 44	1 19	3 2	2 24	24 16	0 26	20 17	1 0	17 50	16 53	14 24	14 34	19 58		n.a.
S 8	13 44	20 5	3 26	10 18	0 12	9 54	0 48	25 18	1 29	21 42	1 19	3 0	2 25	24 16	0 26	20 17	1 0	17 50	16 53	14 25	14 35	19 58		n.a.
S 9	14 4	19 36	2 36	10 58	0 5	10 23	0 46	25 18	1 29	21 40	1 18	2 58	2 25	24 16	0 26	20 17	1 0	17 50	16 53	14 27	14 36	19 58		n.a.
M10	14 24	18 15	1 40	11 38	0s 2	10 52	0 44	25 18	1 28	21 39	1 18	2 55	2 25	24 16	0 26	20 16	1 0	17 50	16 53	14 27	14 37	19 58		n.a.
T 11	14 44	16 6	0 38	12 17	0 8	11 21	0 42	25 17	1 28	21 37	1 18	2 53	2 25	24 16	0 26	20 16	1 0	17 51	16 52	14 27	14 38	19 58		n.a.
W12	15 4	13 13	0n26	12 56	0 15	11 50	0 40	25 16	1 28	21 35	1 18	2 51	2 25	24 15	0 26	20 16	1 0	17 51	16 52	14 27	14 39	19 58		n.a.
T 13	15 24	9 41	1 30	13 35	0 21	12 18	0 38	25 15	1 27	21 33	1 18	2 49	2 25	24 15	0 26	20 16	1 0	17 51	16 52	14 27	14 40	19 58		n.a.
F 14	15 43	5 38	2 31	14 12	0 28	12 46	0 36	25 14	1 27	21 32	1 18	2 46	2 25	24 15	0 26	20 16	1 0	17 51	16 52	14 28	14 41	19 58		n.a.
S 15	16 2	1 11	3 27	14 50	0 34	13 13	0 33	25 12	1 26	21 30	1 17	2 44	2 26	24 15	0 26	20 16	1 0	17 51	16 51	14 30	14 42	19 58		n.a.
S 16	16 20	3s27	4 12	15 26	0 40	13 41	0 31	25 10	1 26	21 28	1 17	2 42	2 26	24 15	0 26	20 15	1 0	17 51	16 51	14 33	14 43	19 58		n.a.
M17	16 39	8 3	4 44	16 2	0 46	14 8	0 29	25 7	1 25	21 26	1 17	2 40	2 26	24 15	0 26	20 15	1 0	17 51	16 51	14 37	14 45	19 58		n.a.
T 18	16 57	12 19	4 59	16 38	0 52	14 34	0 27	25 5	1 25	21 24	1 17	2 38	2 26	24 15	0 26	20 15	1 0	17 51	16 50	14 41	14 46	19 58		n.a.
W19	17 15	15 56	4 55	17 12	0 58	15 0	0 24	25 2	1 25	21 22	1 17	2 36	2 26	24 15	0 26	20 15	1 0	17 51	16 50	14 45	14 47	19 58		n.a.
T 20	17 32	18 34	4 32	17 46	1 4	15 26	0 22	24 59	1 24	21 20	1 16	2 34	2 26	24 15	0 26	20 15	1 0	17 51	16 50	14 49	14 48	19 58		n.a.
F 21	17 49	19 59	3 50	18 20	1 9	15 52	0 20	24 55	1 24	21 18	1 16	2 32	2 27	24 15	0 26	20 14	1 0	17 51	16 49	14 51	14 49	19 58		n.a.
S 22	18 6	20 3	2 54	18 52	1 14	16 17	0 17	24 51	1 23	21 15	1 16	2 30	2 27	24 15	0 26	20 14	1 0	17 51	16 49	14 53	14 50	19 58		n.a.
S 23	18 23	18 47	1 47	19 23	1 19	16 41	0 15	24 47	1 23	21 13	1 16	2 28	2 27	24 15	0 26	20 14	1 0	17 51	16 49	14 54	14 51	19 58		n.a.
M24	18 39	16 23	0 35	19 54	1 24	17 5	0 13	24 43	1 22	21 11	1 16	2 26	2 27	24 15	0 26	20 14	1 0	17 50	16 49	14 54	14 52	19 58		n.a.
T 25	18 54	13 3	0s39	20 24	1 29	17 29	0 10	24 39	1 22	21 9	1 16	2 24	2 27	24 15	0 26	20 13	1 0	17 50	16 48	14 54	14 53	19 58		n.a.
W26	19 10	9 4	1 48	20 52	1 33	17 52	0 8	24 34	1 21	21 6	1 16	2 22	2 28	24 15	0 26	20 13	1 0	17 50	16 48	14 55	14 54	19 58		n.a.
T 27	19 25	4 42	2 51	21 20	1 38	18 15	0 5	24 29	1 21	21 4	1 15	2 20	2 28	24 15	0 26	20 13	1 0	17 50	16 48	14 55	14 55	19 58		n.a.
F 28	19 40	0 11	3 43	21 47	1 42	18 37	0 3	24 23	1 20	21 2	1 15	2 18	2 28	24 15	0 26	20 13	1 0	17 50	16 47	14 57	14 56	19 58		n.a.
S 29	19 54	4n17	4 23	22 12	1 45	18 59	0 1	24 18	1 20	20 59	1 15	2 17	2 28	24 15	0 26	20 12	1 0	17 50	16 47	15 0	14 57	19 58		n.a.
S 30	20s 8	8n29	4s49	22s36	1s49	19s20	0s 2	24s12	1s19	20s57	1s15	2n15	2n28	24s15	0s26	20s12	0s59	17s50	16s47	15n 3	14n58	19n58		n.a.

Julian Day Number = 1315934.5, Delta T = 07h37m18s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°24'01, Lahiri = -19°17'00 Julian Calendar 1 Nov. 1111 BCE == Greg. Calendar 21 Oct. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1111 BCE
geocentric

DECEMBER 1111 BCE (-1110) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 56 33	29♏28'10	16♉30	3♐20	26♏11	16♑26	3♒27	0♎ 7	2♑ 3	5♒21	23°R44	19°R45	20♌13	16♋16	n.a.	M 1
T 2	4 0 29	0♐29'24	28°58	4°59	27°26	17°12	3°37	0°11	2° 6	5°22	23♓44	19♌31	20°10	16°23	n.a.	T 2
W 3	4 4 26	1°30'39	11♊16	6°38	28°42	17°58	3°47	0°16	2° 9	5°24	23°43	19°17	20° 6	16°30	n.a.	W 3
T 4	4 8 22	2°31'53	23°23	8°18	29°57	18°44	3°57	0°21	2°12	5°25	23°43	19° 4	20° 3	16°37	n.a.	T 4
F 5	4 12 19	3°33'06	5♋21	9°58	1♐12	19°30	4° 8	0°25	2°15	5°26	23°43	18°54	20° 0	16°43	n.a.	F 5
S 6	4 16 15	4°34'19	17°13	11°39	2°28	20°16	4°18	0°29	2°18	5°27	23°43	18°47	19°57	16°50	n.a.	S 6
S 7	4 20 12	5°35'32	29° 0	13°19	3°43	21° 2	4°29	0°34	2°22	5°29	23°42	18°43	19°54	16°57	n.a.	S 7
M 8	4 24 8	6°36'44	10♌47	15° 0	4°59	21°48	4°39	0°38	2°25	5°30	23°42	18°41	19°51	17° 3	n.a.	M 8
T 9	4 28 5	7°37'56	22°40	16°42	6°14	22°34	4°50	0°42	2°28	5°31	23°42	18°D41	19°47	17°10	n.a.	T 9
W10	4 32 2	8°39'07	4♍42	18°23	7°29	23°20	5° 1	0°46	2°31	5°33	23°42	18°R41	19°44	17°17	n.a.	W10
T 11	4 35 58	9°40'18	16°59	20° 5	8°45	24° 5	5°12	0°50	2°35	5°34	23°41	18°41	19°41	17°23	n.a.	T 11
F 12	4 39 55	10°41'28	29°38	21°46	10° 0	24°51	5°23	0°54	2°38	5°36	23°41	18°39	19°38	17°30	n.a.	F 12
S 13	4 43 51	11°42'38	12♎41	23°27	11°16	25°37	5°34	0°57	2°41	5°37	23°41	18°35	19°35	17°37	n.a.	S 13
S 14	4 47 48	12°43'47	26°14	25° 8	12°31	26°23	5°45	1° 1	2°44	5°39	23°41	18°28	19°31	17°43	n.a.	S 14
M15	4 51 44	13°44'56	10♏16	26°49	13°46	27° 9	5°57	1° 5	2°48	5°40	23°41	18°20	19°28	17°50	n.a.	M15
T 16	4 55 41	14°46'04	24°44	28°29	15° 2	27°54	6° 8	1° 8	2°51	5°42	23°41	18° 9	19°25	17°57	n.a.	T 16
W17	4 59 38	15°47'11	9♐35	0♑ 8	16°17	28°40	6°20	1°12	2°55	5°44	23°41	17°59	19°22	18° 3	n.a.	W17
T 18	5 3 34	16°48'17	24°38	1°45	17°32	29°26	6°32	1°15	2°58	5°45	23°D41	17°50	19°19	18°10	n.a.	T 18
F 19	5 7 31	17°49'22	9♑45	3°22	18°47	0♒11	6°44	1°18	3° 1	5°47	23°41	17°42	19°16	18°17	n.a.	F 19
S 20	5 11 27	18°50'26	24°45	4°56	20° 3	0°57	6°55	1°21	3° 5	5°48	23°41	17°38	19°12	18°23	n.a.	S 20
S 21	5 15 24	19°51'29	9♒30	6°28	21°18	1°42	7° 7	1°24	3° 8	5°50	23°41	17°36	19° 9	18°30	n.a.	S 21
M22	5 19 20	20°52'30	23°56	7°57	22°33	2°28	7°19	1°27	3°11	5°52	23°41	17°D36	19° 6	18°37	n.a.	M22
T 23	5 23 17	21°53'29	7♓59	9°22	23°48	3°13	7°32	1°30	3°15	5°54	23°41	17°36	19° 3	18°43	n.a.	T 23
W24	5 27 13	22°54'28	21°40	10°44	25° 4	3°59	7°44	1°33	3°18	5°55	23°41	17°R37	19° 0	18°50	n.a.	W24
T 25	5 31 10	23°55'24	5♈ 1	12° 1	26°19	4°44	7°56	1°36	3°22	5°57	23°41	17°36	18°57	18°57	n.a.	T 25
F 26	5 35 7	24°56'19	18° 3	13°12	27°34	5°30	8° 8	1°38	3°25	5°59	23°41	17°34	18°53	19° 3	n.a.	F 26
S 27	5 39 3	25°57'12	0♉50	14°17	28°49	6°15	8°21	1°41	3°29	6° 1	23°42	17°29	18°50	19°10	n.a.	S 27
S 28	5 43 0	26°58'04	13°24	15°15	0♑ 4	7° 0	8°33	1°43	3°32	6° 3	23°42	17°21	18°47	19°17	n.a.	S 28
M29	5 46 56	27°58'55	25°46	16° 5	1°19	7°46	8°46	1°46	3°36	6° 5	23°42	17°13	18°44	19°23	n.a.	M29
T 30	5 50 53	28°59'43	7♊59	16°47	2°35	8°31	8°59	1°48	3°39	6° 6	23°42	17° 3	18°41	19°30	n.a.	T 30
W31	5 54 49	0♑ 0'31	20♊ 4	17♑19	3♑50	9♒16	9♒11	1♎50	3♑43	6♒ 8	23♓43	16♌54	18♌37	19♋37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s22	12n15	5s 0	22s59	1s52	19s40	0s 4	24s 6	1s19	20s54	1s15	2n13	2n29	24s15	0s26	20s12	0s59	17s50	16s46	15n 8	14n59	19n58			n.a.
T 2	20 35	15 26	4 56	23 21	1 55	20 0	0 6	23 59	1 18	20 52	1 15	2 11	2 29	24 15	0 26	20 11	0 59	17 49	16 46	15 12	15 0	19 57			n.a.
W 3	20 48	17 53	4 39	23 41	1 57	20 20	0 9	23 53	1 17	20 49	1 14	2 10	2 29	24 15	0 26	20 11	0 59	17 49	16 46	15 17	15 1	19 57			n.a.
T 4	21 0	19 31	4 9	24 0	1 59	20 39	0 11	23 46	1 17	20 47	1 14	2 8	2 29	24 15	0 26	20 11	0 59	17 49	16 45	15 21	15 2	19 57			n.a.
F 5	21 12	20 15	3 28	24 18	2 1	20 57	0 13	23 38	1 16	20 44	1 14	2 7	2 29	24 14	0 26	20 10	0 59	17 49	16 45	15 24	15 3	19 57			n.a.
S 6	21 24	20 4	2 39	24 34	2 2	21 15	0 16	23 31	1 16	20 41	1 14	2 5	2 30	24 14	0 26	20 10	0 59	17 49	16 45	15 26	15 4	19 57			n.a.
S 7	21 35	19 1	1 43	24 48	2 3	21 32	0 18	23 23	1 15	20 39	1 14	2 4	2 30	24 14	0 26	20 10	0 59	17 49	16 44	15 28	15 5	19 57			n.a.
M 8	21 46	17 8	0 42	25 1	2 4	21 48	0 20	23 15	1 15	20 36	1 14	2 2	2 30	24 14	0 26	20 9	0 59	17 48	16 44	15 28	15 6	19 57			n.a.
T 9	21 56	14 31	0n21	25 12	2 4	22 4	0 23	23 7	1 14	20 33	1 14	2 1	2 30	24 14	0 26	20 9	0 59	17 48	16 43	15 28	15 7	19 57			n.a.
W10	22 6	11 15	1 24	25 21	2 3	22 19	0 25	22 59	1 14	20 30	1 14	1 59	2 31	24 14	0 26	20 9	0 59	17 48	16 43	15 28	15 8	19 57			n.a.
T 11	22 15	7 26	2 25	25 28	2 2	22 34	0 27	22 50	1 13	20 28	1 13	1 58	2 31	24 14	0 26	20 8	0 59	17 48	16 43	15 28	15 9	19 57			n.a.
F 12	22 25	3 12	3 20	25 34	2 0	22 48	0 29	22 41	1 12	20 25	1 13	1 56	2 31	24 14	0 26	20 8	0 59	17 47	16 42	15 29	15 10	19 56			n.a.
S 13	22 33	1s19	4 7	25 38	1 58	23 1	0 32	22 32	1 12	20 22	1 13	1 55	2 31	24 14	0 26	20 8	0 59	17 47	16 42	15 30	15 11	19 56			n.a.
S 14	22 41	5 55	4 41	25 39	1 55	23 13	0 34	22 23	1 11	20 19	1 13	1 54	2 31	24 14	0 26	20 7	0 59	17 47	16 42	15 32	15 12	19 56			n.a.
M15	22 49	10 23	5 1	25 39	1 52	23 25	0 36	22 13	1 11	20 16	1 13	1 53	2 32	24 14	0 26	20 7	0 59	17 46	16 41	15 35	15 13	19 56			n.a.
T 16	22 56	14 23	5 2	25 36	1 47	23 36	0 38	22 4	1 10	20 13	1 13	1 51	2 32	24 14	0 26	20 6	0 59	17 46	16 41	15 38	15 14	19 56			n.a.
W17	23 3	17 35	4 43	25 32	1 42	23 46	0 40	21 53	1 9	20 10	1 13	1 50	2 32	24 14	0 26	20 6	0 59	17 46	16 41	15 41	15 15	19 56			n.a.
T 18	23 9	19 39	4 4	25 25	1 37	23 56	0 42	21 43	1 9	20 7	1 13	1 49	2 32	24 14	0 26	20 5	0 59	17 46	16 40	15 44	15 16	19 56			n.a.
F 19	23 15	20 20	3 8	25 17	1 30	24 5	0 44	21 33	1 8	20 4	1 12	1 48	2 33	24 13	0 26	20 5	0 59	17 45	16 40	15 46	15 17	19 56			n.a.
S 20	23 21	19 34	1 59	25 6	1 23	24 13	0 46	21 22	1 8	20 0	1 12	1 47	2 33	24 13	0 26	20 5	0 59	17 45	16 40	15 48	15 18	19 55			n.a.
S 21	23 26	17 28	0 43	24 54	1 14	24 20	0 48	21 11	1 7	19 57	1 12	1 46	2 33	24 13	0 26	20 4	0 59	17 45	16 39	15 48	15 19	19 55			n.a.
M22	23 30	14 18	0s34	24 40	1 5	24 27	0 50	21 0	1 6	19 54	1 12	1 45	2 33	24 13	0 26	20 4	0 59	17 44	16 39	15 48	15 20	19 55			n.a.
T 23	23 34	10 22	1 47	24 24	0 55	24 33	0 52	20 49	1 6	19 51	1 12	1 44	2 34	24 13	0 26	20 3	0 59	17 44	16 38	15 48	15 21	19 55			n.a.
W24	23 38	5 59	2 52	24 6	0 44	24 38	0 54	20 38	1 5	19 47	1 12	1 43	2 34	24 13	0 26	20 3	0 59	17 43	16 38	15 48	15 22	19 55			n.a.
T 25	23 41	1 26	3 47	23 48	0 31	24 42	0 56	20 26	1 5	19 44	1 12	1 42	2 34	24 13	0 26	20 2	0 59	17 43	16 38	15 48	15 23	19 55			n.a.
F 26	23 44	3n 5	4 27	23 28	0 18	24 46	0 58	20 14	1 4	19 41	1 12	1 42	2 34	24 13	0 26	20 2	0 59	17 43	16 37	15 49	15 24	19 54			n.a.
S 27	23 46	7 22	4 54	23 7	0 4	24 49	0 59	20 2	1 3	19 37	1 12	1 41	2 35	24 13	0 26	20 1	0 59	17 42	16 37	15 51	15 25	19 54			n.a.
S 28	23 47	11 15	5 6	22 46	0n11	24 51	1 1	19 50	1 3	19 34	1 12	1 40	2 35	24 13	0 26	20 1	0 59	17 42	16 37	15 53	15 26	19 54			n.a.
M29	23 49	14 36	5 3	22 24	0 26	24 52	1 3	19 37	1 2	19 30	1 12	1 39	2 35	24 13	0 26	20 0	0 59	17 41	16 36	15 56	15 27	19 54			n.a.
T 30	23 49	17 16	4 47	22 3	0 43	24 52	1 4	19 25	1 1	19 27	1 11	1 39	2 36	24 13	0 26	20 0	0 59	17 41	16 36	15 59	15 28	19 54			n.a.
W31	23s49	19n10	4s18	21s42	1n 0	24s52	1s 6	19s12	1s 1	19s23	1s11	1n38	2n36	24s12	0s26	19s59	0s59	17s41	16s36	16n 1	15n29	19n53			n.a.

Julian Day Number = 1315964.5, Delta T = 07h37m16s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'57, Lahiri = -19°16'56 Julian Calendar 1 Dec. 1111 BCE == Greg. Calendar 20 Nov. 1111 BCE

The year -1110 astronomical counting style corresponds to year 1111 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

JANUARY 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 46	1♉ 1'16	2♋ 2	17♉41	5♉ 5	10♒ 1	9♒24	1♎52	3♉46	6♒10	23♓43	16°R45	18♌34	19♋43	n.a.	T 1
F 2	6 2 42	2° 2'01	13°55	17°53	6°20	10°46	9°37	1°54	3°50	6°12	23°43	16♌38	18°31	19°50	n.a.	F 2
S 3	6 6 39	3° 2'44	25°44	17°R55	7°35	11°32	9°50	1°56	3°53	6°14	23°44	16°34	18°28	19°57	n.a.	S 3
S 4	6 10 36	4° 3'25	7♌31	17°45	8°50	12°17	10° 3	1°57	3°57	6°16	23°44	16°31	18°25	20° 3	n.a.	S 4
M 5	6 14 32	5° 4'05	19°20	17°25	10° 5	13° 2	10°16	1°59	4° 0	6°18	23°44	16°D31	18°22	20°10	n.a.	M 5
T 6	6 18 29	6° 4'43	1♍14	16°55	11°20	13°47	10°29	2° 1	4° 3	6°20	23°45	16°32	18°18	20°17	n.a.	T 6
W 7	6 22 25	7° 5'20	13°17	16°15	12°35	14°32	10°43	2° 2	4° 7	6°22	23°45	16°34	18°15	20°23	n.a.	W 7
T 8	6 26 22	8° 5'56	25°33	15°26	13°50	15°17	10°56	2° 3	4°10	6°24	23°46	16°35	18°12	20°30	n.a.	T 8
F 9	6 30 18	9° 6'30	8♎ 8	14°31	15° 5	16° 1	11° 9	2° 5	4°14	6°26	23°46	16°R36	18° 9	20°37	n.a.	F 9
S 10	6 34 15	10° 7'03	21° 6	13°30	16°20	16°46	11°23	2° 6	4°17	6°28	23°46	16°35	18° 6	20°43	n.a.	S 10
S 11	6 38 11	11° 7'34	4♏31	12°25	17°35	17°31	11°36	2° 7	4°21	6°30	23°47	16°33	18° 3	20°50	n.a.	S 11
M12	6 42 8	12° 8'04	18°24	11°17	18°50	18°16	11°49	2° 8	4°24	6°33	23°47	16°29	17°59	20°56	n.a.	M12
T 13	6 46 5	13° 8'33	2♐45	10°10	20° 5	19° 1	12° 3	2° 8	4°28	6°35	23°48	16°25	17°56	21° 3	n.a.	T 13
W14	6 50 1	14° 9'00	17°32	9° 3	21°20	19°45	12°17	2° 9	4°31	6°37	23°49	16°20	17°53	21°10	n.a.	W14
T 15	6 53 58	15° 9'25	2♑38	8° 0	22°34	20°30	12°30	2°10	4°35	6°39	23°49	16°15	17°50	21°16	n.a.	T 15
F 16	6 57 54	16° 9'48	17°52	7° 0	23°49	21°15	12°44	2°10	4°38	6°41	23°50	16°12	17°47	21°23	n.a.	F 16
S 17	7 1 51	17°10'10	3♒ 6	6° 6	25° 4	21°59	12°58	2°11	4°42	6°43	23°50	16°10	17°43	21°30	n.a.	S 17
S 18	7 5 47	18°10'30	18° 8	5°18	26°19	22°44	13°11	2°11	4°45	6°45	23°51	16°D 9	17°40	21°36	n.a.	S 18
M19	7 9 44	19°10'47	2♓52	4°36	27°34	23°28	13°25	2°11	4°48	6°48	23°52	16°10	17°37	21°43	n.a.	M19
T 20	7 13 40	20°11'02	17°12	4° 2	28°49	24°13	13°39	2°11	4°52	6°50	23°52	16°11	17°34	21°50	n.a.	T 20
W21	7 17 37	21°11'15	1♈ 6	3°34	0♒ 3	24°57	13°53	2°R11	4°55	6°52	23°53	16°13	17°31	21°56	n.a.	W21
T 22	7 21 34	22°11'26	14°35	3°14	1°18	25°42	14° 7	2°11	4°59	6°54	23°54	16°14	17°28	22° 3	n.a.	T 22
F 23	7 25 30	23°11'34	27°39	3° 1	2°33	26°26	14°21	2°11	5° 2	6°56	23°55	16°R14	17°24	22°10	n.a.	F 23
S 24	7 29 27	24°11'40	10♉23	2°D54	3°48	27°10	14°35	2°11	5° 5	6°59	23°55	16°13	17°21	22°16	n.a.	S 24
S 25	7 33 23	25°11'44	22°50	2°55	5° 2	27°54	14°49	2°10	5° 9	7° 1	23°56	16°11	17°18	22°23	n.a.	S 25
M26	7 37 20	26°11'46	5♊ 3	3° 1	6°17	28°39	15° 3	2°10	5°12	7° 3	23°57	16° 8	17°15	22°30	n.a.	M26
T 27	7 41 16	27°11'46	17° 6	3°14	7°32	29°23	15°17	2° 9	5°15	7° 5	23°58	16° 5	17°12	22°36	n.a.	T 27
W28	7 45 13	28°11'43	29° 1	3°32	8°46	0♓ 7	15°31	2° 9	5°18	7° 8	23°59	16° 2	17° 9	22°43	n.a.	W28
T 29	7 49 9	29°11'38	10♋52	3°55	10° 1	0°51	15°45	2° 8	5°22	7°10	23°59	15°59	17° 5	22°50	n.a.	T 29
F 30	7 53 6	0♒11'31	22°41	4°24	11°15	1°35	15°59	2° 7	5°25	7°12	24° 0	15°57	17° 2	22°56	n.a.	F 30
S 31	7 57 3	1♒11'22	4♌30	4♉57	12♒30	2♓19	16♒14	2♎ 6	5♉28	7♒14	24♓ 1	15♌56	16♌59	23♋ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	20n11	3 s37	21 s22	1n17	24 s51	1 s 7	18 s59	1 s 0	19 s20	1 s11	1n38	2n36	24 s12	0 s26	19 s59	0 s59	17 s40	16 s35	16n 4	15n30	19n53			n.a.
F 2	23 49	20 19	2 47	21 2	1 35	24 49	1 9	18 46	1 0	19 16	1 11	1 37	2 36	24 12	0 26	19 58	0 59	17 40	16 35	16 6	15 31	19 53			n.a.
S 3	23 47	19 32	1 50	20 45	1 53	24 46	1 10	18 33	0 59	19 13	1 11	1 37	2 37	24 12	0 26	19 58	0 59	17 39	16 34	16 7	15 32	19 53			n.a.
S 4	23 46	17 54	0 49	20 29	2 10	24 43	1 12	18 19	0 58	19 9	1 11	1 36	2 37	24 12	0 26	19 57	0 59	17 39	16 34	16 8	15 33	19 53			n.a.
M 5	23 44	15 30	0n15	20 14	2 27	24 39	1 13	18 6	0 58	19 5	1 11	1 36	2 37	24 12	0 26	19 57	0 59	17 38	16 34	16 8	15 34	19 52			n.a.
T 6	23 41	12 27	1 19	20 2	2 43	24 34	1 14	17 52	0 57	19 2	1 11	1 35	2 37	24 12	0 26	19 56	0 59	17 38	16 33	16 8	15 35	19 52			n.a.
W 7	23 38	8 50	2 21	19 52	2 58	24 28	1 15	17 38	0 56	18 58	1 11	1 35	2 38	24 12	0 26	19 56	0 59	17 37	16 33	16 8	15 36	19 52			n.a.
T 8	23 34	4 48	3 17	19 44	3 12	24 22	1 17	17 24	0 56	18 54	1 11	1 35	2 38	24 12	0 26	19 55	0 59	17 37	16 33	16 7	15 37	19 52			n.a.
F 9	23 30	0 28	4 5	19 39	3 24	24 15	1 18	17 10	0 55	18 50	1 11	1 34	2 38	24 12	0 26	19 55	0 59	17 36	16 32	16 7	15 38	19 52			n.a.
S 10	23 26	4 s 1	4 42	19 35	3 34	24 7	1 19	16 55	0 54	18 47	1 11	1 34	2 38	24 11	0 26	19 54	0 59	17 36	16 32	16 7	15 39	19 51			n.a.
S 11	23 21	8 26	5 6	19 33	3 42	23 58	1 20	16 41	0 54	18 43	1 11	1 34	2 39	24 11	0 26	19 54	0 59	17 35	16 32	16 8	15 40	19 51			n.a.
M12	23 16	12 35	5 12	19 34	3 47	23 48	1 21	16 26	0 53	18 39	1 11	1 34	2 39	24 11	0 26	19 53	0 59	17 35	16 31	16 9	15 41	19 51			n.a.
T 13	23 10	16 9	5 0	19 36	3 50	23 38	1 21	16 12	0 52	18 35	1 11	1 34	2 39	24 11	0 26	19 53	0 59	17 34	16 31	16 10	15 42	19 51			n.a.
W14	23 4	18 47	4 28	19 40	3 51	23 27	1 22	15 57	0 52	18 31	1 10	1 34	2 40	24 11	0 26	19 52	0 59	17 34	16 31	16 12	15 43	19 50			n.a.
T 15	22 57	20 12	3 36	19 45	3 50	23 16	1 23	15 42	0 51	18 27	1 10	1 34	2 40	24 11	0 26	19 52	0 59	17 33	16 30	16 13	15 44	19 50			n.a.
F 16	22 50	20 9	2 29	19 51	3 47	23 4	1 24	15 26	0 50	18 23	1 10	1 34	2 40	24 11	0 26	19 51	0 59	17 33	16 30	16 14	15 45	19 50			n.a.
S 17	22 42	18 38	1 11	19 59	3 42	22 51	1 24	15 11	0 50	18 19	1 10	1 34	2 40	24 11	0 26	19 50	0 59	17 32	16 30	16 15	15 46	19 50			n.a.
S 18	22 34	15 49	0 s11	20 8	3 35	22 37	1 25	14 56	0 49	18 15	1 10	1 34	2 41	24 11	0 26	19 50	0 59	17 32	16 29	16 15	15 47	19 49			n.a.
M19	22 26	12 1	1 31	20 18	3 27	22 23	1 25	14 40	0 48	18 11	1 10	1 34	2 41	24 10	0 26	19 49	0 59	17 31	16 29	16 15	15 48	19 49			n.a.
T 20	22 17	7 37	2 43	20 28	3 18	22 8	1 26	14 25	0 48	18 7	1 10	1 34	2 41	24 10	0 26	19 49	0 59	17 30	16 29	16 14	15 49	19 49			n.a.
W21	22 8	2 57	3 43	20 39	3 7	21 52	1 26	14 9	0 47	18 3	1 10	1 35	2 41	24 10	0 26	19 48	0 59	17 30	16 28	16 14	15 50	19 49			n.a.
T 22	21 58	1n43	4 29	20 51	2 56	21 36	1 27	13 53	0 46	17 59	1 10	1 35	2 42	24 10	0 26	19 48	0 59	17 29	16 28	16 14	15 51	19 48			n.a.
F 23	21 48	6 10	4 59	21 3	2 45	21 19	1 27	13 37	0 46	17 54	1 10	1 35	2 42	24 10	0 26	19 47	0 59	17 29	16 28	16 14	15 52	19 48			n.a.
S 24	21 37	10 13	5 14	21 15	2 33	21 1	1 27	13 21	0 45	17 50	1 10	1 36	2 42	24 10	0 26	19 47	0 59	17 28	16 27	16 14	15 53	19 48			n.a.
S 25	21 26	13 44	5 13	21 27	2 20	20 43	1 27	13 5	0 44	17 46	1 10	1 36	2 42	24 10	0 26	19 46	0 59	17 27	16 27	16 14	15 54	19 47			n.a.
M26	21 15	16 36	4 58	21 40	2 8	20 24	1 27	12 49	0 44	17 42	1 10	1 36	2 43	24 10	0 26	19 45	0 59	17 27	16 27	16 15	15 55	19 47			n.a.
T 27	21 3	18 42	4 31	21 52	1 55	20 5	1 27	12 33	0 43	17 37	1 10	1 37	2 43	24 10	0 26	19 45	0 59	17 26	16 26	16 16	15 56	19 47			n.a.
W28	20 51	19 58	3 51	22 4	1 42	19 45	1 27	12 16	0 42	17 33	1 10	1 37	2 43	24 9	0 26	19 44	0 59	17 26	16 26	16 17	15 57	19 46			n.a.
T 29	20 39	20 21	3 2	22 16	1 30	19 25	1 27	12 0	0 42	17 29	1 10	1 38	2 44	24 9	0 26	19 44	0 59	17 25	16 26	16 18	15 58	19 46			n.a.
F 30	20 26	19 49	2 5	22 28	1 17	19 4	1 27	11 43	0 41	17 25	1 10	1 39	2 44	24 9	0 26	19 43	0 59	17 24	16 26	16 19	15 59	19 46			n.a.
S 31	20 s13	18n26	1 s 3	22 s39	1n 5	18 s42	1 s26	11 s27	0 s40	17 s20	1 s10	1n39	2n44	24 s 9	0 s26	19 s42	0 s59	17 s24	16 s25	16n19	16n 0	19n46			n.a.

Julian Day Number = 1315995.5, Delta T = 07h37m15s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'52, Lahiri = -19°16'52 Julian Calendar 1 Jan. 1110 BCE == Greg. Calendar 21 Dec. 1111 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

FEBRUARY 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 59	2♒11'10	16♌20	5♉34	13♒44	3♓ 3	16♒28	2°R 5	5♉31	7♒17	24♓ 2	15°D56	16♌56	23♋10	n.a.	S 1
M 2	8 4 56	3°10'57	28°15	6°15	14°59	3°47	16°42	2♎ 4	5°35	7°19	24° 3	15♌56	16°53	23°16	n.a.	M 2
T 3	8 8 52	4°10'41	10♍16	7° 0	16°13	4°30	16°56	2° 2	5°38	7°21	24° 4	15°57	16°49	23°23	n.a.	T 3
W 4	8 12 49	5°10'24	22°26	7°49	17°28	5°14	17°11	2° 1	5°41	7°23	24° 5	15°58	16°46	23°30	n.a.	W 4
T 5	8 16 45	6°10'05	4♎49	8°41	18°42	5°58	17°25	1°59	5°44	7°26	24° 6	15°59	16°43	23°36	n.a.	T 5
F 6	8 20 42	7° 9'43	17°27	9°36	19°57	6°42	17°39	1°58	5°47	7°28	24° 7	16° 0	16°40	23°43	n.a.	F 6
S 7	8 24 38	8° 9'20	0♏24	10°34	21°11	7°25	17°54	1°56	5°50	7°30	24° 8	16° 0	16°37	23°50	n.a.	S 7
S 8	8 28 35	9° 8'55	13°42	11°35	22°25	8° 9	18° 8	1°54	5°53	7°33	24° 9	16°R 0	16°34	23°56	n.a.	S 8
M 9	8 32 31	10° 8'28	27°25	12°38	23°40	8°52	18°22	1°53	5°56	7°35	24°10	16° 0	16°30	24° 3	n.a.	M 9
T 10	8 36 28	11° 7'59	11♐33	13°43	24°54	9°36	18°37	1°51	5°59	7°37	24°11	16° 0	16°27	24°10	n.a.	T 10
W11	8 40 25	12° 7'29	26° 4	14°51	26° 8	10°19	18°51	1°49	6° 2	7°39	24°12	15°59	16°24	24°16	n.a.	W11
T 12	8 44 21	13° 6'56	10♑54	16° 2	27°23	11° 3	19° 6	1°46	6° 5	7°42	24°13	15°59	16°21	24°23	n.a.	T 12
F 13	8 48 18	14° 6'22	25°58	17°14	28°37	11°46	19°20	1°44	6° 8	7°44	24°14	15°59	16°18	24°30	n.a.	F 13
S 14	8 52 14	15° 5'45	11♒ 6	18°28	29°51	12°29	19°34	1°42	6°11	7°46	24°15	15°D59	16°15	24°36	n.a.	S 14
S 15	8 56 11	16° 5'07	26°10	19°44	1♓ 5	13°13	19°49	1°40	6°14	7°48	24°16	15°R59	16°11	24°43	n.a.	S 15
M16	9 0 7	17° 4'26	11♓ 1	21° 2	2°20	13°56	20° 3	1°37	6°17	7°51	24°17	15°59	16° 8	24°50	n.a.	M16
T 17	9 4 4	18° 3'42	25°32	22°22	3°34	14°39	20°18	1°34	6°20	7°53	24°19	15°59	16° 5	24°56	n.a.	T 17
W18	9 8 0	19° 2'56	9♈38	23°43	4°48	15°22	20°32	1°32	6°22	7°55	24°20	15°58	16° 2	25° 3	n.a.	W18
T 19	9 11 57	20° 2'08	23°17	25° 7	6° 2	16° 5	20°47	1°29	6°25	7°57	24°21	15°58	15°59	25°10	n.a.	T 19
F 20	9 15 54	21° 1'17	6♉29	26°31	7°16	16°48	21° 1	1°26	6°28	8° 0	24°22	15°57	15°55	25°16	n.a.	F 20
S 21	9 19 50	22° 0'24	19°17	27°58	8°30	17°31	21°15	1°23	6°31	8° 2	24°23	15°D57	15°52	25°23	n.a.	S 21
S 22	9 23 47	22°59'28	1♊44	29°26	9°44	18°14	21°30	1°20	6°33	8° 4	24°24	15°57	15°49	25°29	n.a.	S 22
M23	9 27 43	23°58'30	13°56	0♒55	10°58	18°57	21°44	1°17	6°36	8° 6	24°26	15°58	15°46	25°36	n.a.	M23
T 24	9 31 40	24°57'30	25°55	2°27	12°12	19°40	21°59	1°14	6°38	8° 9	24°27	15°59	15°43	25°43	n.a.	T 24
W25	9 35 36	25°56'27	7♋46	3°59	13°26	20°23	22°13	1°11	6°41	8°11	24°28	16° 0	15°40	25°49	n.a.	W25
T 26	9 39 33	26°55'22	19°34	5°33	14°40	21° 6	22°28	1° 8	6°44	8°13	24°29	16° 1	15°36	25°56	n.a.	T 26
F 27	9 43 29	27°54'15	1♌22	7° 9	15°53	21°48	22°42	1° 5	6°46	8°15	24°31	16° 1	15°33	26° 3	n.a.	F 27
S 28	9 47 26	28♒53'05	13♌13	8♒46	17♓ 7	22♓31	22♒56	1♎ 1	6♉48	8♒17	24♓32	16°R 2	15♌30	26♋ 9	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	19s59	16n14	0n 2	22s49	0n53	18s20	1s26	11s10	0s40	17s16	1s10	1n40	2n44	24s 9	0s26	19s42	0s59	17s23	16s25	16n19	16n 1	19n45			n.a.	S 1
M 2	19 46	13 20	1 8	22 59	0 41	17 58	1 26	10 53	0 39	17 12	1 10	1 41	2 45	24 9	0 27	19 41	0 59	17 23	16 25	16 19	16 2	19 45			n.a.	M 2
T 3	19 31	9 51	2 11	23 9	0 30	17 35	1 25	10 36	0 38	17 7	1 10	1 41	2 45	24 9	0 27	19 41	0 59	17 22	16 24	16 19	16 3	19 45			n.a.	T 3
W 4	19 17	5 56	3 9	23 17	0 18	17 11	1 25	10 19	0 38	17 3	1 10	1 42	2 45	24 9	0 27	19 40	0 59	17 21	16 24	16 18	16 4	19 44			n.a.	W 4
T 5	19 2	1 43	3 59	23 25	0 8	16 47	1 24	10 2	0 37	16 58	1 10	1 43	2 45	24 8	0 27	19 40	0 59	17 21	16 24	16 18	16 5	19 44			n.a.	T 5
F 6	18 47	2s40	4 39	23 31	0s 3	16 23	1 23	9 45	0 36	16 54	1 10	1 44	2 46	24 8	0 27	19 39	0 59	17 20	16 24	16 18	16 6	19 44			n.a.	F 6
S 7	18 31	7 1	5 6	23 37	0 13	15 58	1 23	9 28	0 36	16 49	1 10	1 45	2 46	24 8	0 27	19 38	0 59	17 19	16 23	16 18	16 7	19 43			n.a.	S 7
S 8	18 15	11 10	5 18	23 42	0 23	15 33	1 22	9 11	0 35	16 45	1 10	1 46	2 46	24 8	0 27	19 38	0 59	17 19	16 23	16 18	16 8	19 43			n.a.	S 8
M 9	17 59	14 51	5 12	23 45	0 32	15 7	1 21	8 54	0 34	16 40	1 10	1 47	2 46	24 8	0 27	19 37	0 59	17 18	16 23	16 18	16 9	19 42			n.a.	M 9
T 10	17 43	17 48	4 47	23 48	0 41	14 41	1 20	8 37	0 34	16 36	1 10	1 48	2 46	24 8	0 27	19 37	0 59	17 17	16 23	16 18	16 10	19 42			n.a.	T 10
W11	17 26	19 42	4 4	23 49	0 50	14 15	1 19	8 19	0 33	16 31	1 10	1 49	2 47	24 8	0 27	19 36	0 59	17 17	16 22	16 18	16 10	19 42			n.a.	W11
T 12	17 9	20 20	3 3	23 49	0 59	13 48	1 18	8 2	0 32	16 27	1 10	1 50	2 47	24 8	0 27	19 35	0 59	17 16	16 22	16 18	16 11	19 41			n.a.	T 12
F 13	16 52	19 31	1 49	23 48	1 6	13 21	1 17	7 45	0 32	16 22	1 10	1 51	2 47	24 8	0 27	19 35	0 59	17 16	16 22	16 18	16 12	19 41			n.a.	F 13
S 14	16 34	17 17	0 27	23 45	1 14	12 53	1 16	7 27	0 31	16 17	1 10	1 52	2 47	24 7	0 27	19 34	0 59	17 15	16 22	16 18	16 13	19 41			n.a.	S 14
S 15	16 16	13 53	0s56	23 41	1 21	12 25	1 15	7 10	0 30	16 13	1 10	1 53	2 48	24 7	0 27	19 34	0 59	17 14	16 21	16 18	16 14	19 40			n.a.	S 15
M16	15 58	9 37	2 15	23 36	1 28	11 57	1 13	6 52	0 30	16 8	1 10	1 54	2 48	24 7	0 27	19 33	0 59	17 14	16 21	16 18	16 15	19 40			n.a.	M16
T 17	15 40	4 54	3 23	23 29	1 34	11 29	1 12	6 35	0 29	16 4	1 10	1 56	2 48	24 7	0 27	19 33	0 59	17 13	16 21	16 18	16 16	19 39			n.a.	T 17
W18	15 21	0 3	4 16	23 21	1 40	11 0	1 11	6 17	0 28	15 59	1 10	1 57	2 48	24 7	0 27	19 32	0 59	17 12	16 21	16 18	16 17	19 39			n.a.	W18
T 19	15 2	4n39	4 53	23 11	1 45	10 31	1 9	6 0	0 28	15 54	1 10	1 58	2 48	24 7	0 27	19 31	0 59	17 12	16 21	16 18	16 18	19 39			n.a.	T 19
F 20	14 43	8 58	5 14	23 0	1 50	10 2	1 8	5 42	0 27	15 50	1 10	1 59	2 49	24 7	0 27	19 31	0 59	17 11	16 20	16 19	16 19	19 38			n.a.	F 20
S 21	14 24	12 44	5 17	22 47	1 55	9 32	1 6	5 24	0 26	15 45	1 10	2 1	2 49	24 7	0 27	19 30	0 59	17 10	16 20	16 19	16 20	19 38			n.a.	S 21
S 22	14 4	15 51	5 6	22 32	1 59	9 2	1 5	5 7	0 26	15 40	1 10	2 2	2 49	24 6	0 27	19 30	0 59	17 10	16 20	16 19	16 21	19 37			n.a.	S 22
M23	13 45	18 11	4 41	22 16	2 3	8 32	1 3	4 49	0 25	15 36	1 10	2 3	2 49	24 6	0 27	19 29	0 59	17 9	16 20	16 18	16 22	19 37			n.a.	M23
T 24	13 25	19 42	4 4	21 59	2 6	8 2	1 1	4 31	0 24	15 31	1 10	2 5	2 49	24 6	0 27	19 29	0 59	17 8	16 20	16 18	16 23	19 37			n.a.	T 24
W25	13 5	20 19	3 17	21 39	2 9	7 32	0 59	4 14	0 24	15 26	1 10	2 6	2 50	24 6	0 27	19 28	0 59	17 8	16 19	16 18	16 24	19 36			n.a.	W25
T 26	12 44	20 2	2 22	21 18	2 11	7 1	0 57	3 56	0 23	15 21	1 10	2 8	2 50	24 6	0 27	19 28	0 59	17 7	16 19	16 18	16 25	19 36			n.a.	T 26
F 27	12 24	18 52	1 21	20 55	2 13	6 30	0 56	3 38	0 22	15 17	1 10	2 9	2 50	24 6	0 27	19 27	0 59	17 6	16 19	16 17	16 26	19 35			n.a.	F 27
S 28	12s 3	16n52	0s16	20s31	2s14	5s59	0s54	3s21	0s22	15s12	1s10	2n11	2n50	24s 6	0s27	19s26	0s59	17s 6	16s19	16n17	16n27	19n35			n.a.	S 28

Julian Day Number = 1316026.5, Delta T = 07h37m13s
Ecliptic obliquity = 23°49'30, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'48, Lahiri = -19°16'48 Julian Calendar 1 Feb. 1110 BCE == Greg. Calendar 21 Jan. 1110 BCE

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

MARCH 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 22	29♒51'53	25♌ 9	10♒25	18♓21	23♓14	23♒11	0°R58	6♑51	8♒19	24♓33	16°R 2	15♌27	26♋16	n.a.	S 1
M 2	9 55 19	0♓50'39	7♍13	12° 5	19°35	23°56	23°25	0♎54	6°53	8°22	24°34	16♌ 1	15°24	26°23	n.a.	M 2
T 3	9 59 16	1°49'22	19°27	13°46	20°48	24°39	23°40	0°51	6°56	8°24	24°36	15°59	15°20	26°29	n.a.	T 3
W 4	10 3 12	2°48'04	1♎52	15°30	22° 2	25°21	23°54	0°47	6°58	8°26	24°37	15°57	15°17	26°36	n.a.	W 4
T 5	10 7 9	3°46'44	14°28	17°14	23°16	26° 4	24° 8	0°43	7° 0	8°28	24°38	15°54	15°14	26°43	n.a.	T 5
F 6	10 11 5	4°45'21	27°19	19° 0	24°29	26°46	24°22	0°40	7° 2	8°30	24°39	15°52	15°11	26°49	n.a.	F 6
S 7	10 15 2	5°43'57	10♏25	20°48	25°43	27°29	24°37	0°36	7° 5	8°32	24°41	15°49	15° 8	26°56	n.a.	S 7
S 8	10 18 58	6°42'32	23°47	22°37	26°57	28°11	24°51	0°32	7° 7	8°34	24°42	15°48	15° 5	27° 3	n.a.	S 8
M 9	10 22 55	7°41'04	7♐26	24°28	28°10	28°53	25° 5	0°28	7° 9	8°36	24°43	15°D47	15° 1	27° 9	n.a.	M 9
T 10	10 26 51	8°39'35	21°23	26°21	29°24	29°35	25°20	0°24	7°11	8°38	24°45	15°48	14°58	27°16	n.a.	T 10
W11	10 30 48	9°38'04	5♑37	28°15	0♈37	0♈17	25°34	0°20	7°13	8°40	24°46	15°49	14°55	27°23	n.a.	W11
T 12	10 34 44	10°36'31	20° 7	0♓10	1°50	1° 0	25°48	0°16	7°15	8°42	24°47	15°50	14°52	27°29	n.a.	T 12
F 13	10 38 41	11°34'57	4♒49	2° 7	3° 4	1°42	26° 2	0°12	7°17	8°44	24°49	15°52	14°49	27°36	n.a.	F 13
S 14	10 42 38	12°33'20	19°37	4° 6	4°17	2°24	26°16	0° 8	7°19	8°46	24°50	15°R52	14°46	27°43	n.a.	S 14
S 15	10 46 34	13°31'42	4♓26	6° 6	5°30	3° 6	26°30	0° 4	7°21	8°48	24°51	15°51	14°42	27°49	n.a.	S 15
M16	10 50 31	14°30'02	19° 7	8° 7	6°44	3°48	26°44	29♍59	7°23	8°50	24°53	15°48	14°39	27°56	n.a.	M16
T 17	10 54 27	15°28'20	3♈34	10°10	7°57	4°30	26°58	29°55	7°24	8°52	24°54	15°45	14°36	28° 3	n.a.	T 17
W18	10 58 24	16°26'36	17°41	12°14	9°10	5°11	27°12	29°51	7°26	8°54	24°55	15°40	14°33	28° 9	n.a.	W18
T 19	11 2 20	17°24'50	1♉24	14°20	10°23	5°53	27°26	29°47	7°28	8°56	24°57	15°35	14°30	28°16	n.a.	T 19
F 20	11 6 17	18°23'01	14°41	16°26	11°37	6°35	27°40	29°42	7°30	8°58	24°58	15°31	14°26	28°22	n.a.	F 20
S 21	11 10 13	19°21'11	27°34	18°34	12°50	7°17	27°54	29°38	7°31	8°59	25° 0	15°28	14°23	28°29	n.a.	S 21
S 22	11 14 10	20°19'18	10♊ 4	20°42	14° 3	7°58	28° 8	29°34	7°33	9° 1	25° 1	15°26	14°20	28°36	n.a.	S 22
M23	11 18 7	21°17'24	22°17	22°50	15°16	8°40	28°22	29°29	7°34	9° 3	25° 2	15°D25	14°17	28°42	n.a.	M23
T 24	11 22 3	22°15'27	4♋17	24°59	16°29	9°22	28°36	29°25	7°36	9° 5	25° 4	15°26	14°14	28°49	n.a.	T 24
W25	11 26 0	23°13'29	16° 8	27° 8	17°42	10° 3	28°50	29°20	7°37	9° 7	25° 5	15°27	14°11	28°56	n.a.	W25
T 26	11 29 56	24°11'28	27°55	29°17	18°55	10°45	29° 3	29°16	7°39	9° 8	25° 6	15°29	14° 7	29° 2	n.a.	T 26
F 27	11 33 53	25° 9'25	9♌45	1♈26	20° 7	11°26	29°17	29°12	7°40	9°10	25° 8	15°R30	14° 4	29° 9	n.a.	F 27
S 28	11 37 49	26° 7'21	21°39	3°33	21°20	12° 8	29°31	29° 7	7°41	9°12	25° 9	15°30	14° 1	29°16	n.a.	S 28
S 29	11 41 46	27° 5'14	3♍43	5°40	22°33	12°49	29°44	29° 3	7°42	9°13	25°11	15°28	13°58	29°22	n.a.	S 29
M30	11 45 42	28° 3'06	15°59	7°45	23°46	13°30	29°58	28°58	7°44	9°15	25°12	15°25	13°55	29°29	n.a.	M30
T 31	11 49 39	29♓ 0'56	28♍27	9♈49	24♈58	14♈11	0♓11	28♍54	7♑45	9♒17	25♓13	15♌19	13♌51	29♋36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s42	14n 8	0n50	20s 5	2s15	5s28	0s52	3s 3	0s21	15s 7	1s11	2n12	2n50	24s 6	0s27	19s26	0s59	17s 5	16s19	16n17	16n28	19n34			n.a.
M 2	11 21	10 46	1 55	19 37	2 16	4 57	0 50	2 45	0 20	15 2	1 11	2 14	2 50	24 6	0 27	19 25	0 59	17 4	16 19	16 18	16 29	19 34			n.a.
T 3	11 0	6 55	2 55	19 7	2 16	4 26	0 48	2 28	0 20	14 58	1 11	2 16	2 51	24 6	0 27	19 25	0 59	17 4	16 18	16 18	16 30	19 34			n.a.
W 4	10 38	2 43	3 47	18 36	2 15	3 54	0 45	2 10	0 19	14 53	1 11	2 17	2 51	24 5	0 27	19 24	0 59	17 3	16 18	16 19	16 31	19 33			n.a.
T 5	10 17	1s40	4 30	18 2	2 14	3 23	0 43	1 52	0 18	14 48	1 11	2 19	2 51	24 5	0 27	19 24	0 59	17 2	16 18	16 20	16 32	19 33			n.a.
F 6	9 55	6 2	4 59	17 27	2 12	2 51	0 41	1 34	0 18	14 43	1 11	2 20	2 51	24 5	0 27	19 23	1 0	17 2	16 18	16 20	16 33	19 32			n.a.
S 7	9 33	10 13	5 14	16 50	2 10	2 19	0 39	1 17	0 17	14 38	1 11	2 22	2 51	24 5	0 27	19 23	1 0	17 1	16 18	16 21	16 33	19 32			n.a.
S 8	9 11	13 58	5 13	16 12	2 7	1 47	0 36	0 59	0 16	14 34	1 11	2 24	2 51	24 5	0 27	19 22	1 0	17 0	16 18	16 21	16 34	19 31			n.a.
M 9	8 49	17 5	4 53	15 31	2 4	1 16	0 34	0 41	0 16	14 29	1 11	2 25	2 51	24 5	0 27	19 22	1 0	17 0	16 18	16 22	16 35	19 31			n.a.
T 10	8 27	19 16	4 17	14 49	2 0	0 44	0 32	0 24	0 15	14 24	1 11	2 27	2 52	24 5	0 27	19 21	1 0	16 59	16 18	16 21	16 36	19 30			n.a.
W11	8 5	20 18	3 24	14 5	1 56	0 12	0 29	0 6	0 14	14 19	1 11	2 29	2 52	24 5	0 27	19 21	1 0	16 59	16 17	16 21	16 37	19 30			n.a.
T 12	7 42	20 2	2 17	13 19	1 51	0n20	0 27	0n11	0 14	14 14	1 11	2 31	2 52	24 5	0 27	19 20	1 0	16 58	16 17	16 21	16 38	19 29			n.a.
F 13	7 20	18 23	1 1	12 32	1 46	0 52	0 24	0 29	0 13	14 10	1 11	2 32	2 52	24 5	0 27	19 20	1 0	16 57	16 17	16 20	16 39	19 29			n.a.
S 14	6 57	15 30	0s21	11 42	1 40	1 24	0 22	0 47	0 12	14 5	1 11	2 34	2 52	24 5	0 27	19 19	1 0	16 57	16 17	16 20	16 40	19 28			n.a.
S 15	6 35	11 36	1 40	10 52	1 33	1 56	0 19	1 4	0 12	14 0	1 11	2 36	2 52	24 4	0 27	19 19	1 0	16 56	16 17	16 21	16 41	19 28			n.a.
M16	6 12	7 1	2 53	9 59	1 26	2 27	0 17	1 22	0 11	13 55	1 12	2 38	2 52	24 4	0 27	19 18	1 0	16 55	16 17	16 21	16 42	19 27			n.a.
T 17	5 49	2 6	3 52	9 5	1 19	2 59	0 14	1 39	0 11	13 50	1 12	2 39	2 52	24 4	0 27	19 18	1 0	16 55	16 17	16 22	16 43	19 27			n.a.
W18	5 26	2n48	4 37	8 10	1 10	3 31	0 12	1 57	0 10	13 45	1 12	2 41	2 52	24 4	0 28	19 17	1 0	16 54	16 17	16 24	16 44	19 26			n.a.
T 19	5 3	7 25	5 3	7 13	1 2	4 2	0 9	2 14	0 9	13 41	1 12	2 43	2 52	24 4	0 28	19 17	1 0	16 54	16 17	16 25	16 45	19 26			n.a.
F 20	4 40	11 31	5 13	6 15	0 53	4 34	0 6	2 31	0 9	13 36	1 12	2 45	2 52	24 4	0 28	19 16	1 0	16 53	16 17	16 27	16 46	19 25			n.a.
S 21	4 17	14 58	5 6	5 16	0 44	5 5	0 4	2 49	0 8	13 31	1 12	2 47	2 52	24 4	0 28	19 16	1 0	16 52	16 17	16 28	16 47	19 25			n.a.
S 22	3 54	17 38	4 44	4 16	0 34	5 37	0 1	3 6	0 7	13 26	1 12	2 48	2 53	24 4	0 28	19 15	1 0	16 52	16 17	16 28	16 48	19 24			n.a.
M23	3 30	19 26	4 11	3 15	0 24	6 8	0n 2	3 23	0 7	13 21	1 12	2 50	2 53	24 4	0 28	19 15	1 0	16 51	16 17	16 28	16 49	19 24			n.a.
T 24	3 7	20 19	3 26	2 14	0 13	6 39	0 4	3 40	0 6	13 17	1 12	2 52	2 53	24 4	0 28	19 14	1 0	16 51	16 17	16 28	16 50	19 23			n.a.
W25	2 44	20 18	2 33	1 12	0 3	7 10	0 7	3 58	0 6	13 12	1 12	2 54	2 53	24 4	0 28	19 14	1 0	16 50	16 17	16 28	16 50	19 23			n.a.
T 26	2 21	19 22	1 34	0 10	0n 8	7 40	0 10	4 15	0 5	13 7	1 13	2 56	2 53	24 4	0 28	19 13	1 0	16 49	16 16	16 27	16 51	19 22			n.a.
F 27	1 57	17 36	0 31	0n52	0 19	8 11	0 13	4 32	0 4	13 2	1 13	2 58	2 53	24 4	0 28	19 13	1 0	16 49	16 16	16 27	16 52	19 22			n.a.
S 28	1 34	15 2	0n33	1 53	0 30	8 41	0 15	4 49	0 4	12 58	1 13	2 59	2 53	24 4	0 28	19 13	1 0	16 48	16 16	16 27	16 53	19 21			n.a.
S 29	1 11	11 49	1 37	2 54	0 40	9 12	0 18	5 6	0 3	12 53	1 13	3 1	2 53	24 4	0 28	19 12	1 0	16 48	16 16	16 27	16 54	19 20			n.a.
M30	0 47	8 2	2 38	3 54	0 51	9 41	0 21	5 23	0 2	12 48	1 13	3 3	2 53	24 4	0 28	19 12	1 0	16 47	16 16	16 28	16 55	19 20			n.a.
T 31	0s24	3n51	3n32	4n53	1n 1	10n11	0n24	5n39	0s 2	12s43	1s13	3n 5	2n53	24s 4	0s28	19s11	1s 0	16s47	16s16	16n30	16n56	19n19			n.a.

Julian Day Number = 1316054.5, Delta T = 07h37m12s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'44, Lahiri = -19°16'44 Julian Calendar 1 March 1110 BCE == Greg. Calendar 18 Feb. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

APRIL 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 53 35	29♓58'44	11♎11	11♈51	26♈11	14♈53	0♓25	28°R49	7♑46	9♒18	25♓15	15°R12	13♌48	29♋42	n.a.	W 1
T 2	11 57 32	0♈56'31	24° 8	13°50	27°24	15°34	0°38	28♍45	7°47	9°20	25°16	15♌ 5	13°45	29°49	n.a.	T 2
F 3	12 1 29	1°54'16	7♏19	15°47	28°36	16°15	0°51	28°40	7°48	9°22	25°17	14°57	13°42	29°56	n.a.	F 3
S 4	12 5 25	2°52'00	20°43	17°42	29°49	16°56	1° 5	28°36	7°49	9°23	25°19	14°50	13°39	0♌ 2	n.a.	S 4
S 5	12 9 22	3°49'42	4♐19	19°34	1♉ 1	17°37	1°18	28°31	7°50	9°25	25°20	14°45	13°36	0° 9	n.a.	S 5
M 6	12 13 18	4°47'24	18° 5	21°23	2°13	18°18	1°31	28°27	7°51	9°26	25°22	14°41	13°32	0°16	n.a.	M 6
T 7	12 17 15	5°45'04	2♑ 1	23° 9	3°26	18°59	1°44	28°23	7°52	9°28	25°23	14°D40	13°29	0°22	n.a.	T 7
W 8	12 21 11	6°42'43	16° 7	24°52	4°38	19°40	1°57	28°18	7°52	9°29	25°24	14°40	13°26	0°29	n.a.	W 8
T 9	12 25 8	7°40'21	0♒21	26°31	5°50	20°21	2°10	28°14	7°53	9°30	25°26	14°41	13°23	0°35	n.a.	T 9
F 10	12 29 4	8°37'58	14°41	28° 8	7° 3	21° 2	2°23	28° 9	7°54	9°32	25°27	14°R42	13°20	0°42	n.a.	F 10
S 11	12 33 1	9°35'33	29° 5	29°41	8°15	21°43	2°36	28° 5	7°54	9°33	25°28	14°41	13°17	0°49	n.a.	S 11
S 12	12 36 58	10°33'08	13♓29	1♉10	9°27	22°24	2°49	28° 1	7°55	9°34	25°30	14°38	13°13	0°55	n.a.	S 12
M13	12 40 54	11°30'41	27°49	2°36	10°39	23° 4	3° 2	27°56	7°55	9°36	25°31	14°32	13°10	1° 2	n.a.	M13
T 14	12 44 51	12°28'13	11♈58	3°59	11°51	23°45	3°15	27°52	7°56	9°37	25°32	14°25	13° 7	1° 9	n.a.	T 14
W15	12 48 47	13°25'44	25°53	5°18	13° 3	24°26	3°27	27°48	7°56	9°38	25°34	14°16	13° 4	1°15	n.a.	W15
T 16	12 52 44	14°23'13	9♉28	6°34	14°15	25° 6	3°40	27°44	7°57	9°39	25°35	14° 6	13° 1	1°22	n.a.	T 16
F 17	12 56 40	15°20'41	22°41	7°46	15°27	25°47	3°52	27°40	7°57	9°41	25°36	13°56	12°57	1°29	n.a.	F 17
S 18	13 0 37	16°18'08	5♊33	8°54	16°39	26°28	4° 5	27°35	7°57	9°42	25°38	13°48	12°54	1°35	n.a.	S 18
S 19	13 4 33	17°15'33	18° 4	9°58	17°51	27° 8	4°17	27°31	7°58	9°43	25°39	13°42	12°51	1°42	n.a.	S 19
M20	13 8 30	18°12'57	0♋17	10°59	19° 3	27°49	4°30	27°27	7°58	9°44	25°40	13°38	12°48	1°49	n.a.	M20
T 21	13 12 27	19°10'20	12°17	11°55	20°14	28°29	4°42	27°23	7°58	9°45	25°41	13°37	12°45	1°55	n.a.	T 21
W22	13 16 23	20° 7'41	24° 9	12°48	21°26	29°10	4°54	27°19	7°58	9°46	25°43	13°D37	12°42	2° 2	n.a.	W22
T 23	13 20 20	21° 5'01	5♌57	13°37	22°38	29°50	5° 6	27°15	7°R58	9°47	25°44	13°37	12°38	2° 9	n.a.	T 23
F 24	13 24 16	22° 2'20	17°48	14°21	23°49	0♉30	5°18	27°12	7°58	9°48	25°45	13°R37	12°35	2°15	n.a.	F 24
S 25	13 28 13	22°59'38	29°46	15° 2	25° 1	1°11	5°30	27° 8	7°58	9°49	25°46	13°36	12°32	2°22	n.a.	S 25
S 26	13 32 9	23°56'54	11♍56	15°38	26°12	1°51	5°42	27° 4	7°58	9°50	25°48	13°33	12°29	2°28	n.a.	S 26
M27	13 36 6	24°54'09	24°21	16°10	27°24	2°31	5°53	27° 0	7°58	9°51	25°49	13°27	12°26	2°35	n.a.	M27
T 28	13 40 2	25°51'24	7♎ 4	16°37	28°35	3°11	6° 5	26°57	7°58	9°52	25°50	13°19	12°23	2°42	n.a.	T 28
W29	13 43 59	26°48'37	20° 6	17° 0	29°46	3°51	6°17	26°53	7°57	9°53	25°51	13° 8	12°19	2°48	n.a.	W29
T 30	13 47 56	27♈45'49	3♏25	17♉18	0♊57	4♉31	6♓28	26♍50	7♑57	9♒53	25♓53	12♌57	12♌16	2♌55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 1	0s35	4n16	5n51	1n11	10n41	0n27	5n56	0s 1	12s39	1s13	3n 7	2n53	24s 4	0s28	19s11	1s 0	16s46	16s16	16n32	16n57	19n19		n.a.
T 2	0n23	5 3	4 48	6 47	1 21	11 10	0 29	6 13	0 1	12 34	1 13	3 8	2 53	24 3	0 28	19 11	1 0	16 46	16 16	16 34	16 58	19 18		n.a.
F 3	0 46	9 22	5 5	7 42	1 31	11 39	0 32	6 30	0n 0	12 29	1 13	3 10	2 53	24 3	0 28	19 10	1 0	16 45	16 16	16 37	16 59	19 18		n.a.
S 4	1 9	13 18	5 6	8 35	1 39	12 8	0 35	6 46	0 1	12 25	1 14	3 12	2 53	24 3	0 28	19 10	1 0	16 44	16 16	16 39	17 0	19 17		n.a.
S 5	1 33	16 36	4 50	9 26	1 48	12 36	0 38	7 3	0 1	12 20	1 14	3 14	2 53	24 3	0 28	19 9	1 0	16 44	16 17	16 40	17 1	19 16		n.a.
M 6	1 56	19 0	4 18	10 15	1 55	13 4	0 40	7 19	0 2	12 15	1 14	3 16	2 53	24 3	0 28	19 9	1 1	16 43	16 17	16 41	17 2	19 16		n.a.
T 7	2 19	20 19	3 29	11 2	2 3	13 32	0 43	7 35	0 3	12 11	1 14	3 17	2 53	24 3	0 28	19 9	1 1	16 43	16 17	16 42	17 3	19 15		n.a.
W 8	2 42	20 24	2 28	11 46	2 9	13 59	0 46	7 52	0 3	12 6	1 14	3 19	2 53	24 3	0 28	19 8	1 1	16 42	16 17	16 42	17 3	19 15		n.a.
T 9	3 5	19 9	1 17	12 29	2 15	14 27	0 49	8 8	0 4	12 1	1 14	3 21	2 53	24 3	0 28	19 8	1 1	16 42	16 17	16 41	17 4	19 14		n.a.
F 10	3 29	16 41	0 0	13 9	2 20	14 53	0 51	8 24	0 4	11 57	1 14	3 22	2 52	24 3	0 28	19 8	1 1	16 41	16 17	16 41	17 5	19 13		n.a.
S 11	3 52	13 10	1s17	13 47	2 24	15 20	0 54	8 40	0 5	11 52	1 15	3 24	2 52	24 3	0 28	19 7	1 1	16 41	16 17	16 42	17 6	19 13		n.a.
S 12	4 15	8 52	2 28	14 22	2 28	15 46	0 57	8 56	0 6	11 48	1 15	3 26	2 52	24 3	0 28	19 7	1 1	16 40	16 17	16 42	17 7	19 12		n.a.
M13	4 37	4 5	3 30	14 55	2 30	16 12	0 59	9 12	0 6	11 43	1 15	3 27	2 52	24 3	0 28	19 7	1 1	16 40	16 17	16 44	17 8	19 12		n.a.
T 14	5 0	0n52	4 18	15 26	2 32	16 37	1 2	9 28	0 7	11 38	1 15	3 29	2 52	24 3	0 28	19 6	1 1	16 39	16 17	16 46	17 9	19 11		n.a.
W15	5 23	5 40	4 49	15 54	2 33	17 2	1 4	9 44	0 7	11 34	1 15	3 31	2 52	24 3	0 28	19 6	1 1	16 39	16 17	16 49	17 10	19 10		n.a.
T 16	5 46	10 5	5 4	16 20	2 34	17 26	1 7	9 59	0 8	11 29	1 15	3 32	2 52	24 3	0 28	19 6	1 1	16 39	16 17	16 52	17 11	19 10		n.a.
F 17	6 8	13 53	5 1	16 44	2 33	17 50	1 10	10 15	0 8	11 25	1 16	3 34	2 52	24 3	0 28	19 5	1 1	16 38	16 17	16 55	17 12	19 9		n.a.
S 18	6 31	16 56	4 43	17 5	2 32	18 14	1 12	10 31	0 9	11 20	1 16	3 36	2 52	24 3	0 28	19 5	1 1	16 38	16 17	16 57	17 13	19 8		n.a.
S 19	6 53	19 6	4 12	17 24	2 29	18 37	1 15	10 46	0 10	11 16	1 16	3 37	2 52	24 3	0 28	19 5	1 1	16 37	16 17	16 59	17 14	19 8		n.a.
M20	7 15	20 20	3 30	17 40	2 26	19 0	1 17	11 1	0 10	11 12	1 16	3 39	2 52	24 3	0 29	19 5	1 1	16 37	16 18	17 0	17 14	19 7		n.a.
T 21	7 37	20 36	2 39	17 54	2 22	19 22	1 19	11 17	0 11	11 7	1 16	3 40	2 52	24 3	0 29	19 4	1 1	16 36	16 18	17 0	17 15	19 6		n.a.
W22	7 59	19 57	1 42	18 6	2 17	19 43	1 22	11 32	0 11	11 3	1 16	3 42	2 51	24 3	0 29	19 4	1 1	16 36	16 18	17 0	17 16	19 6		n.a.
T 23	8 21	18 26	0 41	18 16	2 11	20 5	1 24	11 47	0 12	10 59	1 17	3 43	2 51	24 3	0 29	19 4	1 1	16 36	16 18	17 0	17 17	19 5		n.a.
F 24	8 43	16 6	0n22	18 23	2 5	20 25	1 26	12 2	0 13	10 54	1 17	3 45	2 51	24 3	0 29	19 4	1 1	16 35	16 18	17 0	17 18	19 4		n.a.
S 25	9 5	13 4	1 25	18 28	1 57	20 45	1 29	12 16	0 13	10 50	1 17	3 46	2 51	24 4	0 29	19 3	1 1	16 35	16 18	17 1	17 19	19 4		n.a.
S 26	9 26	9 25	2 25	18 31	1 48	21 5	1 31	12 31	0 14	10 46	1 17	3 47	2 51	24 4	0 29	19 3	1 1	16 34	16 18	17 2	17 20	19 3		n.a.
M27	9 48	5 19	3 19	18 31	1 39	21 24	1 33	12 46	0 14	10 41	1 17	3 49	2 51	24 4	0 29	19 3	1 1	16 34	16 18	17 3	17 21	19 2		n.a.
T 28	10 9	0 53	4 4	18 29	1 29	21 42	1 35	13 0	0 15	10 37	1 17	3 50	2 51	24 4	0 29	19 3	1 1	16 34	16 19	17 6	17 22	19 2		n.a.
W29	10 30	3s42	4 38	18 25	1 18	22 0	1 37	13 15	0 15	10 33	1 18	3 51	2 50	24 4	0 29	19 3	1 1	16 33	16 19	17 9	17 23	19 1		n.a.
T 30	10n51	8s12	4n57	18n19	1n 6	22n17	1n39	13n29	0n16	10s29	1s18	3n53	2n50	24s 4	0s29	19s 3	1s 2	16s33	16s19	17n12	17n24	19n 0		n.a.

Julian Day Number = 1316085.5, Delta T = 07h37m10s
Ecliptic obliquity = 23°49'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'40, Lahiri = -19°16'40 Julian Calendar 1 Apr. 1110 BCE == Greg. Calendar 21 March 1110 BCE

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

MAY 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 51 52	28♈43'01	17♏ 1	17♉32	2♊ 8	5♉12	6♓40	26°R46	7°R57	9♒54	25♓54	12°R45	12♌13	3♌ 2	n.a.	F 1
S 2	13 55 49	29°40'12	0♐49	17°41	3°20	5°52	6°51	26♍43	7♑56	9°55	25°55	12♌35	12°10	3° 8	n.a.	S 2
S 3	13 59 45	0♉37'23	14°47	17°45	4°31	6°32	7° 2	26°39	7°56	9°56	25°56	12°27	12° 7	3°15	n.a.	S 3
M 4	14 3 42	1°34'33	28°50	17°R45	5°42	7°12	7°13	26°36	7°55	9°56	25°57	12°21	12° 3	3°22	n.a.	M 4
T 5	14 7 38	2°31'42	12♑57	17°41	6°52	7°52	7°24	26°33	7°55	9°57	25°58	12°18	12° 0	3°28	n.a.	T 5
W 6	14 11 35	3°28'52	27° 5	17°32	8° 3	8°31	7°35	26°30	7°54	9°58	26° 0	12°17	11°57	3°35	n.a.	W 6
T 7	14 15 31	4°26'01	11♒13	17°19	9°14	9°11	7°46	26°27	7°54	9°58	26° 1	12°17	11°54	3°42	n.a.	T 7
F 8	14 19 28	5°23'10	25°19	17° 2	10°25	9°51	7°57	26°24	7°53	9°59	26° 2	12°17	11°51	3°48	n.a.	F 8
S 9	14 23 25	6°20'18	9♓24	16°42	11°35	10°31	8° 7	26°21	7°52	9°59	26° 3	12°15	11°48	3°55	n.a.	S 9
S 10	14 27 21	7°17'27	23°24	16°18	12°46	11°11	8°18	26°18	7°51	10° 0	26° 4	12°11	11°44	4° 2	n.a.	S 10
M11	14 31 18	8°14'35	7♈18	15°51	13°57	11°51	8°28	26°15	7°51	10° 0	26° 5	12° 4	11°41	4° 8	n.a.	M11
T 12	14 35 14	9°11'42	21° 4	15°21	15° 7	12°30	8°39	26°13	7°50	10° 1	26° 6	11°54	11°38	4°15	n.a.	T 12
W13	14 39 11	10° 8'50	4♉37	14°50	16°17	13°10	8°49	26°10	7°49	10° 1	26° 7	11°42	11°35	4°21	n.a.	W13
T 14	14 43 7	11° 5'57	17°55	14°17	17°28	13°50	8°59	26° 7	7°48	10° 1	26° 8	11°30	11°32	4°28	n.a.	T 14
F 15	14 47 4	12° 3'04	0♊55	13°43	18°38	14°29	9° 9	26° 5	7°47	10° 2	26° 9	11°18	11°28	4°35	n.a.	F 15
S 16	14 51 0	13° 0'10	13°38	13° 8	19°48	15° 9	9°19	26° 3	7°46	10° 2	26°10	11° 7	11°25	4°41	n.a.	S 16
S 17	14 54 57	13°57'17	26° 4	12°33	20°58	15°48	9°29	26° 0	7°45	10° 2	26°11	10°59	11°22	4°48	n.a.	S 17
M18	14 58 54	14°54'22	8♋14	12° 0	22° 8	16°28	9°39	25°58	7°44	10° 2	26°12	10°53	11°19	4°55	n.a.	M18
T 19	15 2 50	15°51'28	20°12	11°27	23°18	17° 8	9°48	25°56	7°43	10° 3	26°13	10°50	11°16	5° 1	n.a.	T 19
W20	15 6 47	16°48'33	2♌ 3	10°57	24°28	17°47	9°57	25°54	7°41	10° 3	26°14	10°48	11°13	5° 8	n.a.	W20
T 21	15 10 43	17°45'37	13°51	10°28	25°38	18°26	10° 7	25°52	7°40	10° 3	26°15	10°48	11° 9	5°15	n.a.	T 21
F 22	15 14 40	18°42'41	25°42	10° 3	26°48	19° 6	10°16	25°50	7°39	10° 3	26°16	10°48	11° 6	5°21	n.a.	F 22
S 23	15 18 36	19°39'45	7♍41	9°41	27°57	19°45	10°25	25°48	7°38	10° 3	26°17	10°47	11° 3	5°28	n.a.	S 23
S 24	15 22 33	20°36'49	19°54	9°23	29° 7	20°25	10°34	25°47	7°36	10°R 3	26°18	10°44	11° 0	5°35	n.a.	S 24
M25	15 26 30	21°33'52	2♎25	9° 9	0♋16	21° 4	10°43	25°45	7°35	10° 3	26°19	10°39	10°57	5°41	n.a.	M25
T 26	15 30 26	22°30'55	15°17	8°59	1°26	21°43	10°51	25°44	7°33	10° 3	26°19	10°31	10°54	5°48	n.a.	T 26
W27	15 34 23	23°27'59	28°32	8°54	2°35	22°23	11° 0	25°42	7°32	10° 3	26°20	10°21	10°50	5°55	n.a.	W27
T 28	15 38 19	24°25'02	12♏ 9	8°D53	3°44	23° 2	11° 8	25°41	7°30	10° 3	26°21	10°10	10°47	6° 1	n.a.	T 28
F 29	15 42 16	25°22'05	26° 6	8°58	4°53	23°41	11°17	25°40	7°29	10° 3	26°22	9°59	10°44	6° 8	n.a.	F 29
S 30	15 46 12	26°19'09	10♐19	9° 7	6° 2	24°20	11°25	25°39	7°27	10° 3	26°23	9°49	10°41	6°14	n.a.	S 30
S 31	15 50 9	27♉16'12	24♐43	9♉22	7♋11	24♉59	11♓33	25♍38	7♑26	10♒ 2	26♓23	9♌41	10♌38	6♌21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n11	12s23	5n 1	18n11	0n53	22n34	1n41	13n43	0n17	10s25	1s18	3n54	2n50	24s 4	0s29	19s 2	1s 2	16s33	16s19	17n15	17n24	19n 0		n.a.
S 2	11 32	15 59	4 47	18 1	0 40	22 50	1 43	13 57	0 17	10 21	1 18	3 55	2 50	24 4	0 29	19 2	1 2	16 32	16 19	17 18	17 25	18 59		n.a.
S 3	11 52	18 43	4 15	17 48	0 25	23 6	1 44	14 11	0 18	10 17	1 18	3 56	2 50	24 4	0 29	19 2	1 2	16 32	16 19	17 21	17 26	18 58		n.a.
M 4	12 13	20 21	3 29	17 34	0 10	23 20	1 46	14 25	0 18	10 13	1 19	3 57	2 50	24 4	0 29	19 2	1 2	16 32	16 20	17 22	17 27	18 58		n.a.
T 5	12 33	20 43	2 29	17 18	0s 5	23 35	1 48	14 39	0 19	10 9	1 19	3 59	2 49	24 4	0 29	19 2	1 2	16 31	16 20	17 23	17 28	18 57		n.a.
W 6	12 53	19 47	1 20	17 0	0 21	23 48	1 49	14 53	0 19	10 5	1 19	4 0	2 49	24 4	0 29	19 2	1 2	16 31	16 20	17 23	17 29	18 56		n.a.
T 7	13 12	17 36	0 6	16 41	0 37	24 1	1 51	15 6	0 20	10 1	1 19	4 1	2 49	24 4	0 29	19 2	1 2	16 31	16 20	17 23	17 30	18 55		n.a.
F 8	13 32	14 22	1s 9	16 20	0 54	24 13	1 52	15 19	0 20	9 57	1 19	4 2	2 49	24 4	0 29	19 1	1 2	16 31	16 20	17 23	17 31	18 55		n.a.
S 9	13 51	10 18	2 18	15 58	1 10	24 25	1 54	15 33	0 21	9 53	1 20	4 3	2 49	24 4	0 29	19 1	1 2	16 30	16 20	17 24	17 32	18 54		n.a.
S 10	14 10	5 42	3 19	15 35	1 27	24 36	1 55	15 46	0 22	9 49	1 20	4 4	2 48	24 4	0 29	19 1	1 2	16 30	16 21	17 25	17 33	18 53		n.a.
M11	14 29	0 50	4 8	15 12	1 44	24 46	1 56	15 59	0 22	9 45	1 20	4 5	2 48	24 4	0 29	19 1	1 2	16 30	16 21	17 27	17 33	18 53		n.a.
T 12	14 47	4n 1	4 41	14 47	2 0	24 55	1 57	16 12	0 23	9 42	1 20	4 6	2 48	24 5	0 29	19 1	1 2	16 30	16 21	17 30	17 34	18 52		n.a.
W13	15 6	8 35	4 58	14 23	2 16	25 4	1 59	16 25	0 23	9 38	1 21	4 6	2 48	24 5	0 29	19 1	1 2	16 29	16 21	17 33	17 35	18 51		n.a.
T 14	15 24	12 40	4 59	13 58	2 32	25 12	2 0	16 37	0 24	9 34	1 21	4 7	2 48	24 5	0 29	19 1	1 2	16 29	16 22	17 37	17 36	18 50		n.a.
F 15	15 42	16 3	4 43	13 34	2 46	25 20	2 1	16 50	0 24	9 31	1 21	4 8	2 47	24 5	0 29	19 1	1 2	16 29	16 22	17 40	17 37	18 50		n.a.
S 16	16 0	18 36	4 14	13 10	3 0	25 27	2 1	17 2	0 25	9 27	1 21	4 9	2 47	24 5	0 29	19 1	1 2	16 29	16 22	17 43	17 38	18 49		n.a.
S 17	16 17	20 13	3 33	12 48	3 13	25 33	2 2	17 14	0 25	9 24	1 21	4 10	2 47	24 5	0 29	19 1	1 2	16 29	16 22	17 45	17 39	18 48		n.a.
M18	16 34	20 51	2 43	12 26	3 25	25 38	2 3	17 26	0 26	9 20	1 22	4 10	2 47	24 5	0 29	19 1	1 2	16 28	16 22	17 47	17 40	18 47		n.a.
T 19	16 51	20 31	1 47	12 6	3 35	25 42	2 3	17 38	0 26	9 17	1 22	4 11	2 47	24 5	0 29	19 1	1 2	16 28	16 23	17 48	17 41	18 46		n.a.
W20	17 8	19 16	0 46	11 48	3 45	25 46	2 4	17 50	0 27	9 13	1 22	4 11	2 46	24 5	0 29	19 1	1 2	16 28	16 23	17 48	17 41	18 46		n.a.
T 21	17 24	17 12	0n16	11 32	3 52	25 49	2 4	18 2	0 27	9 10	1 22	4 12	2 46	24 5	0 29	19 1	1 2	16 28	16 23	17 48	17 42	18 45		n.a.
F 22	17 40	14 23	1 18	11 17	3 59	25 52	2 5	18 13	0 28	9 7	1 23	4 13	2 46	24 5	0 29	19 1	1 3	16 28	16 23	17 48	17 43	18 44		n.a.
S 23	17 56	10 57	2 18	11 6	4 4	25 53	2 5	18 25	0 28	9 3	1 23	4 13	2 46	24 6	0 29	19 1	1 3	16 28	16 24	17 49	17 44	18 43		n.a.
S 24	18 12	6 59	3 12	10 56	4 8	25 54	2 5	18 36	0 29	9 0	1 23	4 13	2 45	24 6	0 30	19 1	1 3	16 27	16 24	17 49	17 45	18 43		n.a.
M25	18 27	2 39	3 58	10 49	4 10	25 55	2 5	18 47	0 29	8 57	1 23	4 14	2 45	24 6	0 30	19 1	1 3	16 27	16 24	17 51	17 46	18 42		n.a.
T 26	18 42	1s55	4 33	10 45	4 11	25 54	2 5	18 58	0 30	8 54	1 24	4 14	2 45	24 6	0 30	19 1	1 3	16 27	16 24	17 53	17 47	18 41		n.a.
W27	18 56	6 32	4 55	10 44	4 11	25 53	2 5	19 9	0 31	8 51	1 24	4 15	2 45	24 6	0 30	19 1	1 3	16 27	16 25	17 56	17 48	18 40		n.a.
T 28	19 11	10 57	5 2	10 45	4 10	25 51	2 5	19 20	0 31	8 48	1 24	4 15	2 44	24 6	0 30	19 1	1 3	16 27	16 25	17 59	17 49	18 39		n.a.
F 29	19 25	14 54	4 50	10 49	4 7	25 48	2 4	19 30	0 32	8 45	1 24	4 15	2 44	24 6	0 30	19 1	1 3	16 27	16 25	18 2	17 49	18 38		n.a.
S 30	19 39	18 4	4 21	10 56	4 3	25 45	2 4	19 41	0 32	8 42	1 25	4 15	2 44	24 6	0 30	19 1	1 3	16 27	16 25	18 5	17 50	18 38		n.a.
S 31	19n52	20s 9	3n34	11n 5	3s58	25n41	2n 3	19n51	0n33	8s39	1s25	4n16	2n44	24s 6	0s30	19s 1	1s 3	16s27	16s26	18n 7	17n51	18n37		n.a.

Julian Day Number = 1316115.5, Delta T = 07h37m09s
Ecliptic obliquity = 23°49'32, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'36, Lahiri = -19°16'36 Julian Calendar 1 May 1110 BCE == Greg. Calendar 20 Apr. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

JUNE 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 54 5	28♉13'17	9♉10	9♉42	8♋20	25♉38	11♓41	25°R37	7°R24	10°R 2	26♓24	9°R35	10♌34	6♌28	n.a.	M 1
T 2	15 58 2	29°10'22	23°36	10° 7	9°28	26°18	11°49	25♍36	7♉22	10♒ 2	26°25	9♌32	10°31	6°34	n.a.	T 2
W 3	16 1 59	0♊ 7'27	7♒57	10°37	10°37	26°57	11°56	25°35	7°21	10° 2	26°26	9°D32	10°28	6°41	n.a.	W 3
T 4	16 5 55	1° 4'33	22°10	11°12	11°45	27°36	12° 4	25°34	7°19	10° 1	26°26	9°32	10°25	6°48	n.a.	T 4
F 5	16 9 52	2° 1'40	6♓14	11°52	12°54	28°15	12°11	25°34	7°17	10° 1	26°27	9°R32	10°22	6°54	n.a.	F 5
S 6	16 13 48	2°58'47	20° 8	12°37	14° 2	28°54	12°18	25°33	7°15	10° 1	26°28	9°31	10°19	7° 1	n.a.	S 6
S 7	16 17 45	3°55'55	3♈52	13°28	15°10	29°33	12°25	25°33	7°13	10° 0	26°28	9°27	10°15	7° 8	n.a.	S 7
M 8	16 21 41	4°53'04	17°25	14°23	16°18	0♊12	12°32	25°33	7°12	10° 0	26°29	9°22	10°12	7°14	n.a.	M 8
T 9	16 25 38	5°50'13	0♉47	15°23	17°26	0°51	12°39	25°33	7°10	9°59	26°29	9°14	10° 9	7°21	n.a.	T 9
W10	16 29 34	6°47'24	13°56	16°28	18°34	1°30	12°45	25°D32	7° 8	9°59	26°30	9° 4	10° 6	7°28	n.a.	W10
T 11	16 33 31	7°44'35	26°53	17°37	19°41	2° 9	12°52	25°33	7° 6	9°58	26°31	8°53	10° 3	7°34	n.a.	T 11
F 12	16 37 28	8°41'47	9♊36	18°51	20°49	2°47	12°58	25°33	7° 4	9°58	26°31	8°43	10° 0	7°41	n.a.	F 12
S 13	16 41 24	9°38'59	22° 4	20°10	21°56	3°26	13° 4	25°33	7° 2	9°57	26°32	8°34	9°56	7°47	n.a.	S 13
S 14	16 45 21	10°36'13	4♋20	21°34	23° 4	4° 5	13°10	25°33	7° 0	9°56	26°32	8°27	9°53	7°54	n.a.	S 14
M15	16 49 17	11°33'27	16°23	23° 1	24°11	4°44	13°16	25°34	6°58	9°56	26°33	8°22	9°50	8° 1	n.a.	M15
T 16	16 53 14	12°30'41	28°18	24°33	25°18	5°23	13°21	25°34	6°55	9°55	26°33	8°19	9°47	8° 7	n.a.	T 16
W17	16 57 10	13°27'56	10♌ 6	26° 9	26°25	6° 1	13°27	25°35	6°53	9°54	26°34	8°D19	9°44	8°14	n.a.	W17
T 18	17 1 7	14°25'12	21°53	27°49	27°31	6°40	13°32	25°35	6°51	9°54	26°34	8°19	9°40	8°21	n.a.	T 18
F 19	17 5 4	15°22'28	3♍44	29°32	28°38	7°19	13°37	25°36	6°49	9°53	26°34	8°21	9°37	8°27	n.a.	F 19
S 20	17 9 0	16°19'45	15°42	1♊19	29°44	7°58	13°42	25°37	6°47	9°52	26°35	8°R21	9°34	8°34	n.a.	S 20
S 21	17 12 57	17°17'02	27°55	3° 9	0♌51	8°36	13°47	25°38	6°45	9°51	26°35	8°20	9°31	8°41	n.a.	S 21
M22	17 16 53	18°14'20	10♎26	5° 2	1°57	9°15	13°52	25°39	6°42	9°50	26°35	8°18	9°28	8°47	n.a.	M22
T 23	17 20 50	19°11'39	23°20	6°57	3° 3	9°54	13°56	25°40	6°40	9°49	26°36	8°14	9°25	8°54	n.a.	T 23
W24	17 24 46	20° 8'59	6♏39	8°55	4° 8	10°32	14° 0	25°41	6°38	9°49	26°36	8° 8	9°21	9° 1	n.a.	W24
T 25	17 28 43	21° 6'19	20°25	10°55	5°14	11°11	14° 4	25°43	6°36	9°48	26°36	8° 1	9°18	9° 7	n.a.	T 25
F 26	17 32 39	22° 3'41	4♐35	12°56	6°19	11°49	14° 8	25°44	6°33	9°47	26°37	7°53	9°15	9°14	n.a.	F 26
S 27	17 36 36	23° 1'03	19° 5	14°59	7°24	12°28	14°12	25°46	6°31	9°46	26°37	7°47	9°12	9°21	n.a.	S 27
S 28	17 40 33	23°58'27	3♑50	17° 3	8°29	13° 6	14°15	25°47	6°29	9°45	26°37	7°42	9° 9	9°27	n.a.	S 28
M29	17 44 29	24°55'52	18°41	19° 7	9°34	13°45	14°19	25°49	6°26	9°44	26°37	7°38	9° 6	9°34	n.a.	M29
T 30	17 48 26	25♊53'18	3♒30	21♊11	10♌39	14♊23	14♓22	25♍51	6♉24	9♒43	26♓37	7°D37	9♌ 2	9♌40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 5	20s57	2n34	11n17	3s52	25n36	2n 3	20n 1	0n33	8s36	1s25	4n16	2n43	24s 7	0s30	19s 2	1s 3	16s27	16s26	18n 8	17n52	18n36		n.a.
T 2	20 18	20 21	1 24	11 32	3 45	25 30	2 2	20 11	0 34	8 33	1 25	4 16	2 43	24 7	0 30	19 2	1 3	16 27	16 26	18 9	17 53	18 35		n.a.
W 3	20 30	18 26	0 8	11 48	3 37	25 24	2 1	20 21	0 34	8 31	1 26	4 16	2 43	24 7	0 30	19 2	1 3	16 27	16 27	18 9	17 54	18 34		n.a.
T 4	20 42	15 24	1s 7	12 8	3 29	25 17	2 0	20 30	0 35	8 28	1 26	4 16	2 43	24 7	0 30	19 2	1 3	16 27	16 27	18 9	17 55	18 34		n.a.
F 5	20 54	11 29	2 17	12 29	3 19	25 10	1 59	20 40	0 35	8 26	1 26	4 16	2 42	24 7	0 30	19 2	1 3	16 27	16 27	18 9	17 56	18 33		n.a.
S 6	21 5	7 0	3 19	12 52	3 9	25 1	1 58	20 49	0 36	8 23	1 27	4 16	2 42	24 7	0 30	19 2	1 3	16 27	16 27	18 10	17 56	18 32		n.a.
S 7	21 17	2 13	4 8	13 18	2 59	24 53	1 57	20 58	0 36	8 21	1 27	4 16	2 42	24 7	0 30	19 2	1 3	16 27	16 28	18 10	17 57	18 31		n.a.
M 8	21 27	2n37	4 42	13 45	2 48	24 43	1 55	21 7	0 37	8 18	1 27	4 16	2 42	24 7	0 30	19 2	1 3	16 27	16 28	18 12	17 58	18 30		n.a.
T 9	21 38	7 14	5 1	14 14	2 36	24 33	1 54	21 16	0 37	8 16	1 27	4 15	2 41	24 8	0 30	19 3	1 3	16 27	16 28	18 14	17 59	18 29		n.a.
W10	21 48	11 28	5 3	14 44	2 24	24 22	1 52	21 24	0 38	8 13	1 28	4 15	2 41	24 8	0 30	19 3	1 3	16 27	16 29	18 17	18 0	18 28		n.a.
T 11	21 57	15 5	4 49	15 16	2 11	24 10	1 50	21 33	0 38	8 11	1 28	4 15	2 41	24 8	0 30	19 3	1 3	16 27	16 29	18 20	18 1	18 27		n.a.
F 12	22 6	17 56	4 21	15 49	1 59	23 58	1 48	21 41	0 39	8 9	1 28	4 15	2 40	24 8	0 30	19 3	1 3	16 27	16 29	18 22	18 2	18 27		n.a.
S 13	22 15	19 54	3 42	16 22	1 46	23 45	1 47	21 49	0 39	8 7	1 29	4 14	2 40	24 8	0 30	19 3	1 4	16 27	16 30	18 25	18 3	18 26		n.a.
S 14	22 24	20 53	2 52	16 57	1 33	23 32	1 44	21 57	0 39	8 5	1 29	4 14	2 40	24 8	0 30	19 4	1 4	16 27	16 30	18 27	18 3	18 25		n.a.
M15	22 32	20 54	1 55	17 33	1 20	23 18	1 42	22 5	0 40	8 3	1 29	4 14	2 40	24 8	0 30	19 4	1 4	16 27	16 30	18 28	18 4	18 24		n.a.
T 16	22 40	19 58	0 54	18 8	1 6	23 3	1 40	22 12	0 40	8 1	1 29	4 13	2 39	24 8	0 30	19 4	1 4	16 27	16 30	18 29	18 5	18 23		n.a.
W17	22 47	18 9	0n10	18 44	0 53	22 48	1 38	22 20	0 41	7 59	1 30	4 13	2 39	24 9	0 30	19 4	1 4	16 27	16 31	18 29	18 6	18 22		n.a.
T 18	22 54	15 35	1 13	19 20	0 40	22 33	1 35	22 27	0 41	7 57	1 30	4 12	2 39	24 9	0 30	19 5	1 4	16 27	16 31	18 29	18 7	18 21		n.a.
F 19	23 0	12 21	2 13	19 56	0 28	22 16	1 32	22 34	0 42	7 56	1 30	4 12	2 39	24 9	0 30	19 5	1 4	16 28	16 31	18 28	18 8	18 20		n.a.
S 20	23 7	8 36	3 8	20 31	0 15	22 0	1 30	22 41	0 42	7 54	1 31	4 11	2 38	24 9	0 30	19 5	1 4	16 28	16 32	18 28	18 9	18 19		n.a.
S 21	23 12	4 26	3 55	21 5	0 3	21 42	1 27	22 48	0 43	7 52	1 31	4 10	2 38	24 9	0 30	19 5	1 4	16 28	16 32	18 28	18 9	18 19		n.a.
M22	23 18	0s 1	4 33	21 38	0n 9	21 24	1 24	22 54	0 43	7 51	1 31	4 10	2 38	24 9	0 30	19 6	1 4	16 28	16 32	18 29	18 10	18 18		n.a.
T 23	23 23	4 36	4 58	22 9	0 20	21 6	1 21	23 1	0 44	7 49	1 32	4 9	2 38	24 9	0 30	19 6	1 4	16 28	16 33	18 30	18 11	18 17		n.a.
W24	23 27	9 6	5 8	22 39	0 31	20 47	1 18	23 7	0 44	7 48	1 32	4 8	2 37	24 9	0 30	19 6	1 4	16 28	16 33	18 32	18 12	18 16		n.a.
T 25	23 31	13 18	5 1	23 7	0 41	20 28	1 14	23 13	0 45	7 47	1 32	4 7	2 37	24 10	0 30	19 6	1 4	16 28	16 33	18 33	18 13	18 15		n.a.
F 26	23 35	16 53	4 36	23 33	0 51	20 8	1 11	23 19	0 45	7 46	1 33	4 7	2 37	24 10	0 30	19 7	1 4	16 29	16 34	18 35	18 14	18 14		n.a.
S 27	23 38	19 30	3 52	23 57	1 0	19 48	1 7	23 25	0 46	7 44	1 33	4 6	2 36	24 10	0 30	19 7	1 4	16 29	16 34	18 37	18 15	18 13		n.a.
S 28	23 41	20 53	2 53	24 18	1 8	19 27	1 4	23 30	0 46	7 43	1 33	4 5	2 36	24 10	0 30	19 7	1 4	16 29	16 34	18 38	18 15	18 12		n.a.
M29	23 44	20 50	1 41	24 37	1 15	19 6	1 0	23 35	0 47	7 42	1 33	4 4	2 36	24 10	0 30	19 8	1 4	16 29	16 35	18 39	18 16	18 11		n.a.
T 30	23n46	19s19	0n22	24n53	1n22	18n45	0n56	23n40	0n47	7s41	1s34	4n 3	2n36	24s10	0s30	19s 8	1s 4	16s29	16s35	18n40	18n17	18n10		n.a.

Julian Day Number = 1316146.5, Delta T = 07h37m07s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'32, Lahiri = -19°16'31 Julian Calendar 1 June 1110 BCE == Greg. Calendar 21 May 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

JULY 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 52 22	26♊50'46	18♒11	23♊16	11♌43	15♊ 2	14♓25	25♍53	6°R22	9°R41	26♓38	7♌37	8♌59	9♌47	n.a.	W 1
T 2	17 56 19	27°48'15	2♓40	25°20	12°47	15°40	14°28	25°55	6♉19	9♒40	26°38	7°39	8°56	9°54	n.a.	T 2
F 3	18 0 15	28°45'46	16°52	27°24	13°51	16°19	14°30	25°57	6°17	9°39	26°38	7°40	8°53	10° 0	n.a.	F 3
S 4	18 4 12	29°43'18	0♈46	29°27	14°55	16°57	14°33	25°59	6°15	9°38	26°38	7°R40	8°50	10° 7	n.a.	S 4
S 5	18 8 8	0♋40'52	14°23	1♋29	15°58	17°35	14°35	26° 2	6°12	9°37	26°38	7°39	8°46	10°14	n.a.	S 5
M 6	18 12 5	1°38'27	27°43	3°30	17° 2	18°14	14°37	26° 4	6°10	9°36	26°38	7°37	8°43	10°20	n.a.	M 6
T 7	18 16 2	2°36'04	10♉48	5°31	18° 5	18°52	14°39	26° 6	6° 8	9°34	26°38	7°33	8°40	10°27	n.a.	T 7
W 8	18 19 58	3°33'43	23°38	7°30	19° 7	19°31	14°40	26° 9	6° 5	9°33	26°R38	7°28	8°37	10°34	n.a.	W 8
T 9	18 23 55	4°31'24	6♊15	9°28	20°10	20° 9	14°42	26°12	6° 3	9°32	26°38	7°22	8°34	10°40	n.a.	T 9
F 10	18 27 51	5°29'06	18°40	11°24	21°12	20°47	14°43	26°14	6° 0	9°31	26°38	7°17	8°31	10°47	n.a.	F 10
S 11	18 31 48	6°26'50	0♋53	13°19	22°14	21°26	14°44	26°17	5°58	9°29	26°38	7°12	8°27	10°54	n.a.	S 11
S 12	18 35 44	7°24'35	12°57	15°13	23°16	22° 4	14°45	26°20	5°56	9°28	26°38	7° 9	8°24	11° 0	n.a.	S 12
M13	18 39 41	8°22'22	24°53	17° 6	24°17	22°42	14°46	26°23	5°53	9°27	26°38	7° 7	8°21	11° 7	n.a.	M13
T 14	18 43 38	9°20'11	6♌43	18°57	25°18	23°20	14°46	26°26	5°51	9°25	26°38	7°D 6	8°18	11°14	n.a.	T 14
W15	18 47 34	10°18'00	18°30	20°47	26°19	23°59	14°46	26°29	5°48	9°24	26°38	7° 6	8°15	11°20	n.a.	W15
T 16	18 51 31	11°15'52	0♍16	22°35	27°20	24°37	14°R46	26°33	5°46	9°22	26°37	7° 8	8°11	11°27	n.a.	T 16
F 17	18 55 27	12°13'44	12° 7	24°22	28°20	25°15	14°46	26°36	5°44	9°21	26°37	7° 9	8° 8	11°33	n.a.	F 17
S 18	18 59 24	13°11'38	24° 5	26° 8	29°20	25°53	14°46	26°39	5°41	9°20	26°37	7°11	8° 5	11°40	n.a.	S 18
S 19	19 3 20	14° 9'34	6♎17	27°52	0♍19	26°31	14°45	26°43	5°39	9°18	26°37	7°12	8° 2	11°47	n.a.	S 19
M20	19 7 17	15° 7'31	18°45	29°36	1°18	27°10	14°45	26°46	5°37	9°17	26°37	7°R12	7°59	11°53	n.a.	M20
T 21	19 11 13	16° 5'29	1♏36	1♌17	2°17	27°48	14°44	26°50	5°34	9°15	26°36	7°11	7°56	12° 0	n.a.	T 21
W22	19 15 10	17° 3'29	14°51	2°58	3°15	28°26	14°43	26°54	5°32	9°14	26°36	7°10	7°52	12° 7	n.a.	W22
T 23	19 19 6	18° 1'31	28°34	4°37	4°13	29° 4	14°41	26°58	5°30	9°12	26°36	7° 8	7°49	12°13	n.a.	T 23
F 24	19 23 3	18°59'34	12♐44	6°15	5°11	29°42	14°40	27° 1	5°27	9°11	26°35	7° 5	7°46	12°20	n.a.	F 24
S 25	19 27 0	19°57'39	27°19	7°51	6° 8	0♋20	14°38	27° 5	5°25	9° 9	26°35	7° 3	7°43	12°27	n.a.	S 25
S 26	19 30 56	20°55'45	12♑13	9°26	7° 5	0°58	14°36	27° 9	5°23	9° 8	26°35	7° 1	7°40	12°33	n.a.	S 26
M27	19 34 53	21°53'54	27°19	11° 0	8° 1	1°36	14°34	27°14	5°20	9° 6	26°34	7° 0	7°37	12°40	n.a.	M27
T 28	19 38 49	22°52'04	12♒27	12°33	8°56	2°14	14°32	27°18	5°18	9° 4	26°34	7°D 0	7°33	12°47	n.a.	T 28
W29	19 42 46	23°50'16	27°28	14° 5	9°51	2°52	14°29	27°22	5°16	9° 3	26°34	7° 1	7°30	12°53	n.a.	W29
T 30	19 46 42	24°48'30	12♓16	15°35	10°46	3°30	14°26	27°26	5°14	9° 1	26°33	7° 2	7°27	13° 0	n.a.	T 30
F 31	19 50 39	25♋46'47	26♓43	17♌ 4	11♍40	4♋ 8	14♓23	27♍31	5♉12	9♒ 0	26♓33	7♌ 3	7♌24	13♌ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n47	16s32	0s57	25n 7	1n28	18n23	0n52	23n45	0n47	7s40	1s34	4n 2	2n35	24s10	0s30	19s 8	1s 4	16s30	16s35	18n40	18n18	18n 9			n.a.
T 2	23 48	12 44	2 12	25 17	1 33	18 0	0 48	23 50	0 48	7 40	1 34	4 1	2 35	24 11	0 30	19 9	1 4	16 30	16 36	18 39	18 19	18 8			n.a.
F 3	23 49	8 17	3 17	25 25	1 37	17 38	0 43	23 55	0 48	7 39	1 35	4 0	2 35	24 11	0 30	19 9	1 4	16 30	16 36	18 39	18 20	18 7			n.a.
S 4	23 49	3 30	4 10	25 30	1 41	17 15	0 39	23 59	0 49	7 38	1 35	3 59	2 35	24 11	0 30	19 9	1 4	16 30	16 36	18 39	18 21	18 6			n.a.
S 5	23 49	1n22	4 47	25 33	1 44	16 51	0 35	24 3	0 49	7 38	1 35	3 57	2 34	24 11	0 30	19 10	1 4	16 31	16 37	18 39	18 21	18 5			n.a.
M 6	23 49	6 4	5 7	25 32	1 46	16 27	0 30	24 7	0 50	7 37	1 36	3 56	2 34	24 11	0 30	19 10	1 4	16 31	16 37	18 40	18 22	18 4			n.a.
T 7	23 48	10 23	5 11	25 30	1 47	16 3	0 25	24 11	0 50	7 37	1 36	3 55	2 34	24 11	0 30	19 11	1 4	16 31	16 37	18 41	18 23	18 3			n.a.
W 8	23 47	14 9	5 0	25 25	1 48	15 39	0 20	24 15	0 51	7 36	1 36	3 54	2 34	24 11	0 30	19 11	1 4	16 32	16 38	18 42	18 24	18 2			n.a.
T 9	23 45	17 13	4 33	25 17	1 48	15 14	0 15	24 18	0 51	7 36	1 37	3 53	2 33	24 11	0 30	19 11	1 5	16 32	16 38	18 43	18 25	18 1			n.a.
F 10	23 43	19 26	3 55	25 7	1 48	14 49	0 10	24 21	0 52	7 36	1 37	3 51	2 33	24 12	0 30	19 12	1 5	16 32	16 38	18 45	18 26	18 0			n.a.
S 11	23 40	20 44	3 6	24 55	1 47	14 24	0 5	24 24	0 52	7 36	1 37	3 50	2 33	24 12	0 30	19 12	1 5	16 33	16 39	18 46	18 26	17 59			n.a.
S 12	23 37	21 3	2 9	24 41	1 46	13 59	0s 0	24 27	0 52	7 36	1 38	3 48	2 33	24 12	0 30	19 12	1 5	16 33	16 39	18 47	18 27	17 58			n.a.
M13	23 33	20 24	1 7	24 26	1 44	13 33	0 5	24 30	0 53	7 36	1 38	3 47	2 32	24 12	0 30	19 13	1 5	16 33	16 39	18 48	18 28	17 57			n.a.
T 14	23 29	18 52	0 2	24 8	1 41	13 7	0 11	24 32	0 53	7 36	1 38	3 46	2 32	24 12	0 30	19 13	1 5	16 34	16 40	18 48	18 29	17 56			n.a.
W15	23 25	16 31	1n 2	23 48	1 38	12 41	0 17	24 35	0 54	7 36	1 39	3 44	2 32	24 12	0 30	19 14	1 5	16 34	16 40	18 48	18 30	17 55			n.a.
T 16	23 20	13 29	2 4	23 27	1 35	12 15	0 22	24 37	0 54	7 36	1 39	3 42	2 32	24 12	0 30	19 14	1 5	16 34	16 40	18 47	18 31	17 54			n.a.
F 17	23 15	9 55	3 1	23 5	1 31	11 48	0 28	24 39	0 55	7 37	1 39	3 41	2 31	24 12	0 30	19 14	1 5	16 35	16 40	18 47	18 31	17 53			n.a.
S 18	23 10	5 54	3 51	22 41	1 27	11 22	0 34	24 41	0 55	7 37	1 40	3 39	2 31	24 12	0 30	19 15	1 5	16 35	16 41	18 46	18 32	17 52			n.a.
S 19	23 4	1 37	4 31	22 16	1 22	10 55	0 40	24 42	0 55	7 38	1 40	3 38	2 31	24 13	0 30	19 15	1 5	16 35	16 41	18 46	18 33	17 51			n.a.
M20	22 57	2s51	5 0	21 49	1 17	10 28	0 46	24 44	0 56	7 38	1 40	3 36	2 31	24 13	0 30	19 16	1 5	16 36	16 41	18 46	18 34	17 50			n.a.
T 21	22 50	7 18	5 14	21 22	1 12	10 1	0 53	24 45	0 56	7 39	1 40	3 34	2 30	24 13	0 30	19 16	1 5	16 36	16 42	18 46	18 35	17 49			n.a.
W22	22 43	11 34	5 13	20 53	1 6	9 33	0 59	24 46	0 57	7 40	1 41	3 33	2 30	24 13	0 30	19 17	1 5	16 36	16 42	18 47	18 36	17 48			n.a.
T 23	22 35	15 23	4 54	20 24	1 1	9 6	1 6	24 46	0 57	7 40	1 41	3 31	2 30	24 13	0 30	19 17	1 5	16 37	16 42	18 47	18 36	17 47			n.a.
F 24	22 27	18 26	4 17	19 53	0 54	8 39	1 12	24 47	0 58	7 41	1 41	3 29	2 30	24 13	0 30	19 17	1 5	16 37	16 43	18 48	18 37	17 46			n.a.
S 25	22 19	20 25	3 23	19 22	0 48	8 11	1 19	24 47	0 58	7 42	1 42	3 27	2 29	24 13	0 30	19 18	1 5	16 38	16 43	18 49	18 38	17 45			n.a.
S 26	22 10	21 3	2 13	18 51	0 41	7 44	1 26	24 48	0 58	7 43	1 42	3 25	2 29	24 13	0 30	19 18	1 5	16 38	16 43	18 49	18 39	17 44			n.a.
M27	22 1	20 10	0 53	18 18	0 35	7 16	1 32	24 48	0 59	7 44	1 42	3 24	2 29	24 13	0 30	19 19	1 5	16 39	16 44	18 49	18 40	17 43			n.a.
T 28	21 51	17 49	0s30	17 45	0 27	6 49	1 39	24 48	0 59	7 46	1 43	3 22	2 29	24 13	0 30	19 19	1 5	16 39	16 44	18 49	18 41	17 42			n.a.
W29	21 41	14 17	1 51	17 11	0 20	6 21	1 47	24 47	1 0	7 47	1 43	3 20	2 29	24 13	0 30	19 20	1 5	16 39	16 44	18 49	18 41	17 41			n.a.
T 30	21 31	9 53	3 3	16 37	0 13	5 54	1 54	24 47	1 0	7 48	1 43	3 18	2 28	24 14	0 30	19 20	1 5	16 40	16 44	18 49	18 42	17 40			n.a.
F 31	21n20	5s 1	4s 2	16n 3	0n 5	5n26	2s 1	24n46	1n 0	7s50	1s44	3n16	2n28	24s14	0s30	19s21	1s 5	16s40	16s45	18n49	18n43	17n39			n.a.

Julian Day Number = 1316176.5, Delta T = 07h37m05s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'28, Lahiri = -19°16'27 Julian Calendar 1 July 1110 BCE == Greg. Calendar 20 June 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

AUGUST 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 35	26♋45'05	10♈47	18♌32	12♍34	4♋46	14°R20	27♍35	5°R 9	8°R58	26°R32	7♌ 3	7♌21	13♌13	n.a.	S 1
S 2	19 58 32	27°43'26	24°28	19°58	13°27	5°24	14♓17	27°40	5♂ 7	8♒56	26♓32	7°R 4	7°17	13°20	n.a.	S 2
M 3	20 2 29	28°41'49	7♉45	21°23	14°19	6° 2	14°14	27°44	5° 5	8°55	26°31	7° 4	7°14	13°26	n.a.	M 3
T 4	20 6 25	29°40'15	20°41	22°47	15°11	6°40	14°10	27°49	5° 3	8°53	26°31	7° 3	7°11	13°33	n.a.	T 4
W 5	20 10 22	0♌38'43	3♊20	24°10	16° 2	7°18	14° 6	27°54	5° 1	8°52	26°30	7° 2	7° 8	13°40	n.a.	W 5
T 6	20 14 18	1°37'13	15°43	25°31	16°52	7°56	14° 2	27°59	4°59	8°50	26°30	7° 2	7° 5	13°46	n.a.	T 6
F 7	20 18 15	2°35'45	27°54	26°50	17°42	8°34	13°58	28° 4	4°57	8°48	26°29	7° 1	7° 2	13°53	n.a.	F 7
S 8	20 22 11	3°34'19	9♋55	28° 9	18°31	9°12	13°53	28° 9	4°55	8°47	26°28	7° 1	6°58	14° 0	n.a.	S 8
S 9	20 26 8	4°32'56	21°49	29°25	19°20	9°50	13°49	28°14	4°53	8°45	26°28	7° 0	6°55	14° 6	n.a.	S 9
M10	20 30 4	5°31'35	3♌39	0♍40	20° 7	10°28	13°44	28°19	4°51	8°43	26°27	7°D 0	6°52	14°13	n.a.	M10
T 11	20 34 1	6°30'16	15°26	1°54	20°54	11° 5	13°39	28°24	4°49	8°42	26°26	7°R 0	6°49	14°20	n.a.	T 11
W12	20 37 58	7°28'59	27°13	3° 6	21°40	11°43	13°34	28°29	4°47	8°40	26°26	7° 0	6°46	14°26	n.a.	W12
T 13	20 41 54	8°27'44	9♍ 2	4°15	22°25	12°21	13°29	28°34	4°45	8°38	26°25	7° 0	6°43	14°33	n.a.	T 13
F 14	20 45 51	9°26'31	20°57	5°23	23° 9	12°59	13°23	28°40	4°43	8°37	26°24	7° 0	6°39	14°40	n.a.	F 14
S 15	20 49 47	10°25'19	2♎59	6°29	23°53	13°37	13°18	28°45	4°41	8°35	26°24	7° 0	6°36	14°46	n.a.	S 15
S 16	20 53 44	11°24'10	15°12	7°33	24°35	14°14	13°12	28°51	4°40	8°33	26°23	6°59	6°33	14°53	n.a.	S 16
M17	20 57 40	12°23'03	27°40	8°34	25°16	14°52	13° 6	28°56	4°38	8°32	26°22	6°59	6°30	14°59	n.a.	M17
T 18	21 1 37	13°21'57	10♏27	9°33	25°56	15°30	13° 0	29° 2	4°36	8°30	26°21	6°D58	6°27	15° 6	n.a.	T 18
W19	21 5 33	14°20'54	23°36	10°29	26°35	16° 8	12°54	29° 7	4°35	8°28	26°20	6°59	6°23	15°13	n.a.	W19
T 20	21 9 30	15°19'52	7♐ 9	11°22	27°13	16°46	12°48	29°13	4°33	8°27	26°20	6°59	6°20	15°19	n.a.	T 20
F 21	21 13 26	16°18'52	21° 9	12°12	27°50	17°23	12°41	29°19	4°31	8°25	26°19	7° 0	6°17	15°26	n.a.	F 21
S 22	21 17 23	17°17'55	5♑34	12°59	28°26	18° 1	12°35	29°25	4°30	8°23	26°18	7° 1	6°14	15°33	n.a.	S 22
S 23	21 21 20	18°16'59	20°22	13°41	29° 0	18°39	12°28	29°30	4°28	8°22	26°17	7° 1	6°11	15°39	n.a.	S 23
M24	21 25 16	19°16'05	5♒26	14°20	29°33	19°16	12°21	29°36	4°27	8°20	26°16	7°R 2	6° 8	15°46	n.a.	M24
T 25	21 29 13	20°15'13	20°40	14°54	0♎ 4	19°54	12°14	29°42	4°25	8°19	26°15	7° 1	6° 4	15°53	n.a.	T 25
W26	21 33 9	21°14'24	5♓52	15°24	0°34	20°32	12° 7	29°48	4°24	8°17	26°15	7° 0	6° 1	15°59	n.a.	W26
T 27	21 37 6	22°13'36	20°53	15°48	1° 2	21° 9	12° 0	29°54	4°23	8°15	26°14	6°59	5°58	16° 6	n.a.	T 27
F 28	21 41 2	23°12'51	5♈35	16° 7	1°29	21°47	11°53	0♎ 0	4°21	8°14	26°13	6°57	5°55	16°13	n.a.	F 28
S 29	21 44 59	24°12'08	19°53	16°19	1°55	22°25	11°45	0° 6	4°20	8°12	26°12	6°55	5°52	16°19	n.a.	S 29
S 30	21 48 55	25°11'28	3♉43	16°R25	2°18	23° 2	11°38	0°13	4°19	8°11	26°11	6°53	5°49	16°26	n.a.	S 30
M31	21 52 52	26♌10'50	17♉ 6	16♍25	2♎40	23♋40	11♓30	0♎19	4♂18	8♒ 9	26♓10	6♌52	5♌45	16♌33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 9	0s 1	4s45	15n28	0s 3	4n59	2s 8	24n45	1n 1	7s51	1s44	3n14	2n28	24s14	0s30	19s21	1s 5	16s41	16s45	18n48	18n44	17n38		n.a.
S 2	20 57	4n50	5 10	14 54	0 11	4 31	2 16	24 44	1 1	7 53	1 44	3 12	2 28	24 14	0 30	19 21	1 5	16 41	16 45	18 48	18 45	17 36		n.a.
M 3	20 45	9 19	5 18	14 18	0 19	4 4	2 23	24 43	1 2	7 54	1 44	3 10	2 28	24 14	0 30	19 22	1 5	16 42	16 46	18 48	18 46	17 35		n.a.
T 4	20 33	13 15	5 9	13 43	0 27	3 37	2 31	24 41	1 2	7 56	1 45	3 8	2 27	24 14	0 30	19 22	1 5	16 42	16 46	18 48	18 46	17 34		n.a.
W 5	20 20	16 30	4 45	13 8	0 35	3 10	2 39	24 40	1 3	7 58	1 45	3 6	2 27	24 14	0 30	19 23	1 5	16 43	16 46	18 49	18 47	17 33		n.a.
T 6	20 7	18 56	4 8	12 33	0 43	2 43	2 46	24 38	1 3	8 0	1 45	3 3	2 27	24 14	0 30	19 23	1 5	16 43	16 46	18 49	18 48	17 32		n.a.
F 7	19 54	20 28	3 21	11 57	0 52	2 16	2 54	24 36	1 3	8 1	1 45	3 1	2 27	24 14	0 30	19 24	1 5	16 44	16 47	18 49	18 49	17 31		n.a.
S 8	19 40	21 2	2 25	11 22	1 0	1 49	3 2	24 34	1 4	8 3	1 46	2 59	2 27	24 14	0 30	19 24	1 5	16 44	16 47	18 49	18 50	17 30		n.a.
S 9	19 26	20 39	1 23	10 47	1 9	1 23	3 10	24 31	1 4	8 5	1 46	2 57	2 26	24 14	0 30	19 25	1 5	16 45	16 47	18 49	18 50	17 29		n.a.
M10	19 12	19 21	0 19	10 13	1 17	0 57	3 18	24 29	1 5	8 8	1 46	2 55	2 26	24 14	0 30	19 25	1 5	16 45	16 47	18 49	18 51	17 28		n.a.
T 11	18 57	17 13	0n47	9 38	1 26	0 30	3 26	24 26	1 5	8 10	1 46	2 52	2 26	24 14	0 30	19 26	1 5	16 46	16 48	18 49	18 52	17 26		n.a.
W12	18 42	14 21	1 50	9 4	1 34	0 5	3 35	24 23	1 5	8 12	1 47	2 50	2 26	24 15	0 30	19 26	1 5	16 46	16 48	18 49	18 53	17 25		n.a.
T 13	18 26	10 55	2 49	8 31	1 43	0s21	3 43	24 20	1 6	8 14	1 47	2 48	2 26	24 15	0 30	19 26	1 5	16 47	16 48	18 49	18 54	17 24		n.a.
F 14	18 11	7 1	3 41	7 58	1 51	0 46	3 51	24 17	1 6	8 16	1 47	2 45	2 25	24 15	0 30	19 27	1 5	16 47	16 48	18 49	18 55	17 23		n.a.
S 15	17 55	2 49	4 24	7 26	2 0	1 11	4 0	24 13	1 7	8 19	1 47	2 43	2 25	24 15	0 30	19 27	1 5	16 48	16 49	18 49	18 55	17 22		n.a.
S 16	17 38	1s33	4 55	6 54	2 8	1 36	4 8	24 10	1 7	8 21	1 48	2 41	2 25	24 15	0 30	19 28	1 5	16 48	16 49	18 49	18 56	17 21		n.a.
M17	17 22	5 56	5 14	6 23	2 16	2 0	4 16	24 6	1 7	8 24	1 48	2 38	2 25	24 15	0 30	19 28	1 5	16 49	16 49	18 50	18 57	17 20		n.a.
T 18	17 5	10 11	5 17	5 54	2 24	2 24	4 25	24 2	1 8	8 26	1 48	2 36	2 25	24 15	0 30	19 29	1 5	16 49	16 49	18 50	18 58	17 18		n.a.
W19	16 47	14 3	5 5	5 25	2 32	2 48	4 33	23 58	1 8	8 29	1 48	2 34	2 25	24 15	0 30	19 29	1 5	16 50	16 50	18 50	18 59	17 17		n.a.
T 20	16 30	17 20	4 35	4 57	2 40	3 11	4 42	23 53	1 8	8 32	1 48	2 31	2 24	24 15	0 30	19 30	1 5	16 50	16 50	18 50	18 59	17 16		n.a.
F 21	16 12	19 44	3 48	4 31	2 47	3 33	4 51	23 49	1 9	8 34	1 49	2 29	2 24	24 15	0 30	19 30	1 5	16 51	16 50	18 49	19 0	17 15		n.a.
S 22	15 54	20 56	2 46	4 7	2 54	3 56	4 59	23 44	1 9	8 37	1 49	2 26	2 24	24 15	0 30	19 31	1 5	16 51	16 50	18 49	19 1	17 14		n.a.
S 23	15 36	20 45	1 31	3 44	3 1	4 17	5 8	23 39	1 10	8 40	1 49	2 24	2 24	24 15	0 30	19 31	1 5	16 52	16 50	18 49	19 2	17 13		n.a.
M24	15 17	19 4	0 9	3 23	3 8	4 38	5 16	23 34	1 10	8 43	1 49	2 21	2 24	24 15	0 30	19 31	1 5	16 52	16 51	18 49	19 3	17 11		n.a.
T 25	14 58	16 1	1s15	3 4	3 13	4 59	5 25	23 29	1 10	8 45	1 49	2 19	2 24	24 15	0 30	19 32	1 5	16 53	16 51	18 49	19 3	17 10		n.a.
W26	14 39	11 53	2 33	2 48	3 19	5 19	5 33	23 24	1 11	8 48	1 49	2 16	2 24	24 15	0 30	19 32	1 5	16 53	16 51	18 49	19 4	17 9		n.a.
T 27	14 20	7 2	3 40	2 34	3 24	5 38	5 42	23 18	1 11	8 51	1 50	2 13	2 23	24 15	0 30	19 33	1 5	16 54	16 51	18 50	19 5	17 8		n.a.
F 28	14 0	1 52	4 30	2 23	3 28	5 56	5 50	23 12	1 12	8 54	1 50	2 11	2 23	24 15	0 30	19 33	1 5	16 54	16 51	18 50	19 6	17 7		n.a.
S 29	13 40	3n14	5 3	2 15	3 31	6 14	5 59	23 7	1 12	8 57	1 50	2 8	2 23	24 15	0 30	19 34	1 5	16 55	16 52	18 51	19 7	17 5		n.a.
S 30	13 20	8 1	5 16	2 10	3 33	6 31	6 7	23 1	1 12	9 0	1 50	2 6	2 23	24 15	0 30	19 34	1 5	16 55	16 52	18 51	19 7	17 4		n.a.
M31	13n 0	12n14	5s11	2n 9	3s35	6s48	6s15	22n54	1n13	9s 3	1s50	2n 3	2n23	24s15	0s30	19s34	1s 5	16s56	16s52	18n51	19n 8	17n 3		n.a.

Julian Day Number = 1316207.5, Delta T = 07h37m04s
Ecliptic obliquity = 23°49'31, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'24, Lahiri = -19°16'23 Julian Calendar 1 Aug. 1110 BCE == Greg. Calendar 21 July 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

SEPTEMBER 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 48	27♌10'15	0♊ 3	16°R16	3♎ 0	24♋17	11°R23	0♎25	4°R16	8°R 7	26°R 9	6°D52	5♌42	16♌39	n.a.	T 1
W 2	22 0 45	28° 9'42	12°37	16♍ 0	3°18	24°55	11♓15	0°31	4♉15	8♒ 6	26♓ 8	6♌52	5°39	16°46	n.a.	W 2
T 3	22 4 42	29° 9'12	24°54	15°36	3°34	25°33	11° 7	0°38	4°14	8° 4	26° 7	6°54	5°36	16°53	n.a.	T 3
F 4	22 8 38	0♍ 8'44	6♋57	15° 4	3°49	26°10	10°59	0°44	4°13	8° 3	26° 6	6°55	5°33	16°59	n.a.	F 4
S 5	22 12 35	1° 8'19	18°51	14°23	4° 1	26°48	10°52	0°51	4°12	8° 1	26° 5	6°57	5°29	17° 6	n.a.	S 5
S 6	22 16 31	2° 7'56	0♌40	13°34	4°11	27°25	10°44	0°57	4°11	8° 0	26° 4	6°58	5°26	17°12	n.a.	S 6
M 7	22 20 28	3° 7'35	12°26	12°38	4°19	28° 3	10°36	1° 3	4°10	7°58	26° 3	6°R58	5°23	17°19	n.a.	M 7
T 8	22 24 24	4° 7'16	24°14	11°36	4°25	28°40	10°28	1°10	4° 9	7°57	26° 2	6°57	5°20	17°26	n.a.	T 8
W 9	22 28 21	5° 7'00	6♍ 5	10°28	4°28	29°18	10°20	1°17	4° 9	7°56	26° 1	6°54	5°17	17°32	n.a.	W 9
T 10	22 32 17	6° 6'45	18° 1	9°16	4°R29	29°55	10°11	1°23	4° 8	7°54	26° 0	6°50	5°14	17°39	n.a.	T 10
F 11	22 36 14	7° 6'33	0♎ 4	8° 2	4°28	0♌33	10° 3	1°30	4° 7	7°53	25°59	6°45	5°10	17°46	n.a.	F 11
S 12	22 40 10	8° 6'23	12°16	6°48	4°24	1°10	9°55	1°36	4° 7	7°51	25°58	6°39	5° 7	17°52	n.a.	S 12
S 13	22 44 7	9° 6'15	24°39	5°36	4°19	1°48	9°47	1°43	4° 6	7°50	25°57	6°33	5° 4	17°59	n.a.	S 13
M14	22 48 4	10° 6'08	7♏13	4°29	4°10	2°25	9°39	1°50	4° 5	7°49	25°55	6°29	5° 1	18° 6	n.a.	M14
T 15	22 52 0	11° 6'04	20° 3	3°28	3°59	3° 3	9°31	1°56	4° 5	7°47	25°54	6°25	4°58	18°12	n.a.	T 15
W16	22 55 57	12° 6'01	3♐ 9	2°35	3°46	3°40	9°23	2° 3	4° 4	7°46	25°53	6°23	4°54	18°19	n.a.	W16
T 17	22 59 53	13° 6'00	16°35	1°52	3°30	4°17	9°15	2°10	4° 4	7°45	25°52	6°D23	4°51	18°26	n.a.	T 17
F 18	23 3 50	14° 6'01	0♑21	1°19	3°12	4°55	9° 6	2°17	4° 4	7°43	25°51	6°24	4°48	18°32	n.a.	F 18
S 19	23 7 46	15° 6'04	14°30	0°58	2°52	5°32	8°58	2°24	4° 3	7°42	25°50	6°25	4°45	18°39	n.a.	S 19
S 20	23 11 43	16° 6'08	29° 0	0°D48	2°30	6°10	8°50	2°31	4° 3	7°41	25°49	6°R26	4°42	18°46	n.a.	S 20
M21	23 15 39	17° 6'14	13♒48	0°49	2° 5	6°47	8°42	2°37	4° 3	7°40	25°48	6°26	4°39	18°52	n.a.	M21
T 22	23 19 36	18° 6'22	28°48	1° 2	1°38	7°24	8°35	2°44	4° 3	7°39	25°47	6°25	4°35	18°59	n.a.	T 22
W23	23 23 33	19° 6'32	13♓54	1°25	1°10	8° 1	8°27	2°51	4° 3	7°37	25°45	6°21	4°32	19° 5	n.a.	W23
T 24	23 27 29	20° 6'43	28°55	1°57	0°40	8°39	8°19	2°58	4° 3	7°36	25°44	6°15	4°29	19°12	n.a.	T 24
F 25	23 31 26	21° 6'57	13♈42	2°39	0° 8	9°16	8°11	3° 5	4°D 3	7°35	25°43	6° 8	4°26	19°19	n.a.	F 25
S 26	23 35 22	22° 7'12	28° 7	3°28	29♍35	9°53	8° 3	3°12	4° 3	7°34	25°42	6° 0	4°23	19°25	n.a.	S 26
S 27	23 39 19	23° 7'30	12♉ 6	4°24	29° 1	10°31	7°56	3°19	4° 3	7°33	25°41	5°54	4°20	19°32	n.a.	S 27
M28	23 43 15	24° 7'50	25°36	5°27	28°25	11° 8	7°48	3°26	4° 3	7°32	25°40	5°48	4°16	19°39	n.a.	M28
T 29	23 47 12	25° 8'12	8♊39	6°35	27°50	11°45	7°41	3°33	4° 3	7°31	25°39	5°45	4°13	19°45	n.a.	T 29
W30	23 51 8	26♍ 8'36	21♊16	7♍48	27♍13	12♌22	7♓34	3♎40	4♉ 3	7♒30	25♓37	5°D43	4♌10	19♌52	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n39	15n45	4s51	2n13	3s35	7s 3	6s23	22n48	1n13	9s 6	1s50	2n 0	2n23	24s15	0s30	19s35	1s 5	16s57	16s52	18n51	19n 9	17n 2		n.a.
W 2	12 18	18 26	4 17	2 20	3 34	7 18	6 31	22 42	1 13	9 9	1 50	1 58	2 23	24 15	0 30	19 35	1 5	16 57	16 52	18 51	19 10	17 1		n.a.
T 3	11 57	20 12	3 32	2 32	3 31	7 31	6 39	22 35	1 14	9 12	1 50	1 55	2 22	24 15	0 30	19 36	1 5	16 58	16 52	18 51	19 11	16 59		n.a.
F 4	11 36	21 0	2 38	2 49	3 26	7 44	6 46	22 28	1 14	9 15	1 50	1 52	2 22	24 15	0 30	19 36	1 5	16 58	16 53	18 50	19 11	16 58		n.a.
S 5	11 15	20 51	1 38	3 10	3 20	7 56	6 54	22 21	1 15	9 19	1 50	1 50	2 22	24 15	0 30	19 36	1 5	16 59	16 53	18 50	19 12	16 57		n.a.
S 6	10 53	19 46	0 35	3 36	3 12	8 6	7 1	22 14	1 15	9 22	1 51	1 47	2 22	24 16	0 30	19 37	1 5	16 59	16 53	18 50	19 13	16 56		n.a.
M 7	10 31	17 49	0n30	4 7	3 2	8 16	7 8	22 7	1 15	9 25	1 51	1 44	2 22	24 16	0 30	19 37	1 5	17 0	16 53	18 50	19 14	16 54		n.a.
T 8	10 9	15 7	1 34	4 43	2 50	8 24	7 14	21 59	1 16	9 28	1 51	1 42	2 22	24 16	0 30	19 38	1 5	17 0	16 53	18 50	19 14	16 53		n.a.
W 9	9 47	11 48	2 33	5 21	2 36	8 31	7 21	21 52	1 16	9 31	1 51	1 39	2 22	24 16	0 30	19 38	1 5	17 1	16 53	18 51	19 15	16 52		n.a.
T 10	9 25	7 58	3 26	6 3	2 21	8 37	7 27	21 44	1 16	9 34	1 51	1 36	2 22	24 16	0 30	19 38	1 5	17 1	16 53	18 52	19 16	16 51		n.a.
F 11	9 2	3 48	4 11	6 47	2 3	8 42	7 32	21 36	1 17	9 37	1 51	1 33	2 22	24 16	0 30	19 39	1 5	17 2	16 53	18 53	19 17	16 49		n.a.
S 12	8 40	0s34	4 45	7 33	1 44	8 45	7 37	21 28	1 17	9 41	1 51	1 31	2 22	24 16	0 30	19 39	1 5	17 2	16 53	18 55	19 18	16 48		n.a.
S 13	8 17	4 58	5 5	8 18	1 25	8 47	7 42	21 20	1 17	9 44	1 51	1 28	2 21	24 16	0 30	19 39	1 5	17 3	16 54	18 56	19 18	16 47		n.a.
M14	7 54	9 14	5 12	9 2	1 4	8 47	7 46	21 12	1 18	9 47	1 51	1 25	2 21	24 16	0 30	19 40	1 5	17 3	16 54	18 57	19 19	16 46		n.a.
T 15	7 31	13 10	5 3	9 43	0 44	8 46	7 50	21 4	1 18	9 50	1 51	1 22	2 21	24 16	0 30	19 40	1 5	17 4	16 54	18 58	19 20	16 44		n.a.
W16	7 8	16 34	4 39	10 21	0 24	8 44	7 53	20 55	1 19	9 53	1 51	1 19	2 21	24 16	0 30	19 40	1 5	17 4	16 54	18 59	19 21	16 43		n.a.
T 17	6 45	19 11	3 59	10 55	0 4	8 40	7 56	20 46	1 19	9 56	1 51	1 17	2 21	24 16	0 30	19 41	1 5	17 5	16 54	18 59	19 22	16 42		n.a.
F 18	6 21	20 46	3 4	11 25	0n15	8 34	7 57	20 37	1 19	9 59	1 51	1 14	2 21	24 16	0 30	19 41	1 5	17 5	16 54	18 59	19 22	16 41		n.a.
S 19	5 58	21 5	1 57	11 49	0 32	8 27	7 58	20 29	1 20	10 2	1 51	1 11	2 21	24 16	0 30	19 41	1 5	17 6	16 54	18 58	19 23	16 39		n.a.
S 20	5 34	20 2	0 40	12 7	0 49	8 18	7 59	20 19	1 20	10 5	1 50	1 8	2 21	24 16	0 30	19 42	1 5	17 6	16 54	18 58	19 24	16 38		n.a.
M21	5 10	17 35	0s40	12 20	1 3	8 8	7 59	20 10	1 20	10 8	1 50	1 5	2 21	24 16	0 30	19 42	1 5	17 7	16 54	18 58	19 25	16 37		n.a.
T 22	4 47	13 55	1 59	12 28	1 16	7 56	7 57	20 1	1 21	10 11	1 50	1 2	2 21	24 16	0 30	19 42	1 5	17 7	16 54	18 58	19 25	16 35		n.a.
W23	4 23	9 20	3 9	12 31	1 28	7 43	7 55	19 51	1 21	10 14	1 50	1 0	2 21	24 16	0 30	19 43	1 5	17 8	16 54	18 59	19 26	16 34		n.a.
T 24	3 59	4 11	4 6	12 28	1 38	7 28	7 52	19 42	1 21	10 17	1 50	0 57	2 21	24 15	0 30	19 43	1 5	17 8	16 54	19 1	19 27	16 33		n.a.
F 25	3 35	1n 7	4 46	12 21	1 46	7 12	7 49	19 32	1 22	10 20	1 50	0 54	2 21	24 15	0 30	19 43	1 5	17 9	16 54	19 3	19 28	16 31		n.a.
S 26	3 10	6 13	5 6	12 9	1 53	6 54	7 44	19 22	1 22	10 23	1 50	0 51	2 21	24 15	0 30	19 43	1 5	17 9	16 54	19 4	19 29	16 30		n.a.
S 27	2 46	10 51	5 7	11 53	1 59	6 35	7 38	19 12	1 22	10 25	1 50	0 48	2 20	24 15	0 30	19 44	1 5	17 10	16 54	19 6	19 29	16 29		n.a.
M28	2 22	14 46	4 51	11 34	2 3	6 15	7 32	19 2	1 23	10 28	1 50	0 45	2 20	24 15	0 30	19 44	1 5	17 10	16 54	19 7	19 30	16 28		n.a.
T 29	1 58	17 50	4 20	11 11	2 6	5 54	7 25	18 52	1 23	10 31	1 50	0 42	2 20	24 15	0 30	19 44	1 5	17 11	16 54	19 8	19 31	16 26		n.a.
W30	1n33	19n56	3s37	10n46	2n 8	5s32	7s17	18n42	1n23	10s33	1s49	0n40	2n20	24s15	0s30	19s44	1s 5	17s11	16s54	19n 9	19n32	16n25		n.a.

Julian Day Number = 1316238.5, Delta T = 07h37m02s
Ecliptic obliquity = 23°49'32, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'19, Lahiri = -19°16'19 Julian Calendar 1 Sept. 1110 BCE == Greg. Calendar 21 Aug. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

OCTOBER 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 5	27♍ 9'02	3♋33	9♍ 4	26°R37	12♌59	7°R26	3♎47	4♑ 4	7°R29	25°R36	5♌43	4♌ 7	19♌59	n.a.	T 1
F 2	23 59 1	28° 9'31	15°34	10°25	26♍ 1	13°37	7♓19	3°54	4° 4	7♒28	25♓35	5°44	4° 4	20° 5	n.a.	F 2
S 3	0 2 58	29°10'01	27°26	11°48	25°25	14°14	7°12	4° 1	4° 4	7°27	25°34	5°45	4° 0	20°12	n.a.	S 3
S 4	0 6 55	0♎10'33	9♌13	13°13	24°49	14°51	7° 5	4° 8	4° 5	7°26	25°33	5°R45	3°57	20°19	n.a.	S 4
M 5	0 10 51	1°11'07	20°59	14°41	24°15	15°28	6°59	4°15	4° 5	7°26	25°32	5°44	3°54	20°25	n.a.	M 5
T 6	0 14 48	2°11'43	2♍50	16°10	23°41	16° 5	6°52	4°22	4° 6	7°25	25°31	5°40	3°51	20°32	n.a.	T 6
W 7	0 18 44	3°12'21	14°46	17°41	23° 9	16°42	6°45	4°29	4° 7	7°24	25°30	5°34	3°48	20°39	n.a.	W 7
T 8	0 22 41	4°13'01	26°52	19°13	22°38	17°19	6°39	4°36	4° 7	7°23	25°28	5°25	3°45	20°45	n.a.	T 8
F 9	0 26 37	5°13'42	9♎ 9	20°45	22° 8	17°56	6°33	4°43	4° 8	7°23	25°27	5°14	3°41	20°52	n.a.	F 9
S 10	0 30 34	6°14'25	21°37	22°19	21°41	18°33	6°27	4°50	4° 9	7°22	25°26	5° 2	3°38	20°59	n.a.	S 10
S 11	0 34 30	7°15'09	4♏16	23°52	21°15	19°10	6°21	4°57	4°10	7°21	25°25	4°51	3°35	21° 5	n.a.	S 11
M12	0 38 27	8°15'55	17° 6	25°27	20°52	19°47	6°15	5° 5	4°10	7°21	25°24	4°40	3°32	21°12	n.a.	M12
T 13	0 42 24	9°16'42	0♐ 9	27° 1	20°31	20°24	6° 9	5°12	4°11	7°20	25°23	4°32	3°29	21°18	n.a.	T 13
W14	0 46 20	10°17'30	13°23	28°36	20°11	21° 1	6° 4	5°19	4°12	7°19	25°22	4°26	3°25	21°25	n.a.	W14
T 15	0 50 17	11°18'20	26°50	0♎11	19°55	21°38	5°58	5°26	4°13	7°19	25°21	4°23	3°22	21°32	n.a.	T 15
F 16	0 54 13	12°19'11	10♑32	1°46	19°40	22°15	5°53	5°33	4°14	7°18	25°20	4°D22	3°19	21°38	n.a.	F 16
S 17	0 58 10	13°20'03	24°28	3°21	19°29	22°52	5°48	5°40	4°15	7°18	25°18	4°22	3°16	21°45	n.a.	S 17
S 18	1 2 6	14°20'55	8♒39	4°56	19°19	23°29	5°44	5°47	4°17	7°18	25°17	4°R22	3°13	21°52	n.a.	S 18
M19	1 6 3	15°21'49	23° 4	6°32	19°12	24° 6	5°39	5°54	4°18	7°17	25°16	4°21	3°10	21°58	n.a.	M19
T 20	1 9 59	16°22'44	7♓41	8° 7	19° 8	24°43	5°35	6° 1	4°19	7°17	25°15	4°17	3° 6	22° 5	n.a.	T 20
W21	1 13 56	17°23'40	22°24	9°41	19°D 6	25°19	5°30	6° 8	4°20	7°16	25°14	4°11	3° 3	22°12	n.a.	W21
T 22	1 17 53	18°24'37	7♈ 7	11°16	19° 6	25°56	5°26	6°15	4°22	7°16	25°13	4° 1	3° 0	22°18	n.a.	T 22
F 23	1 21 49	19°25'35	21°42	12°51	19° 9	26°33	5°22	6°22	4°23	7°16	25°12	3°50	2°57	22°25	n.a.	F 23
S 24	1 25 46	20°26'34	6♉ 1	14°26	19°14	27°10	5°19	6°29	4°25	7°16	25°11	3°38	2°54	22°32	n.a.	S 24
S 25	1 29 42	21°27'35	19°58	16° 0	19°22	27°46	5°15	6°35	4°26	7°15	25°10	3°26	2°51	22°38	n.a.	S 25
M26	1 33 39	22°28'36	3♊30	17°35	19°32	28°23	5°12	6°42	4°28	7°15	25° 9	3°16	2°47	22°45	n.a.	M26
T 27	1 37 35	23°29'39	16°35	19°10	19°44	29° 0	5° 9	6°49	4°29	7°15	25° 8	3° 9	2°44	22°52	n.a.	T 27
W28	1 41 32	24°30'44	29°16	20°44	19°58	29°36	5° 6	6°56	4°31	7°15	25° 7	3° 4	2°41	22°58	n.a.	W28
T 29	1 45 28	25°31'49	11♋36	22°18	20°15	0♍13	5° 3	7° 3	4°33	7°15	25° 6	3° 2	2°38	23° 5	n.a.	T 29
F 30	1 49 25	26°32'56	23°40	23°53	20°33	0°49	5° 1	7°10	4°34	7°D15	25° 5	3° 1	2°35	23°12	n.a.	F 30
S 31	1 53 22	27♎34'04	5♌32	25♎27	20♍54	1♍26	4♓59	7♎16	4♑36	7♒15	25♓ 4	3♌ 1	2♌31	23♌18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n 9	21n 2	2s45	10n17	2n 9	5s 9	7s 8	18n31	1n24	10s36	1s49	0n37	2n20	24s15	0s30	19s45	1s 5	17s11	16s54	19n 9	19n32	16n24			n.a.
F 2	0 45	21 8	1 47	9 47	2 10	4 46	6 58	18 21	1 24	10 39	1 49	0 34	2 20	24 15	0 30	19 45	1 5	17 12	16 54	19 9	19 33	16 22			n.a.
S 3	0 20	20 17	0 45	9 14	2 9	4 21	6 47	18 10	1 24	10 41	1 49	0 31	2 20	24 15	0 30	19 45	1 5	17 12	16 54	19 8	19 34	16 21			n.a.
S 4	0s 4	18 32	0n19	8 39	2 8	3 57	6 36	17 59	1 25	10 44	1 49	0 28	2 20	24 15	0 30	19 45	1 5	17 13	16 54	19 8	19 35	16 19			n.a.
M 5	0 29	16 0	1 21	8 3	2 6	3 32	6 24	17 49	1 25	10 46	1 49	0 25	2 20	24 15	0 30	19 45	1 5	17 13	16 54	19 9	19 35	16 18			n.a.
T 6	0 53	12 48	2 20	7 25	2 3	3 7	6 11	17 38	1 25	10 48	1 48	0 22	2 20	24 15	0 30	19 46	1 5	17 14	16 54	19 9	19 36	16 17			n.a.
W 7	1 18	9 3	3 13	6 47	2 0	2 42	5 58	17 27	1 26	10 51	1 48	0 20	2 20	24 15	0 29	19 46	1 5	17 14	16 54	19 11	19 37	16 15			n.a.
T 8	1 42	4 54	3 58	6 7	1 56	2 18	5 45	17 15	1 26	10 53	1 48	0 17	2 20	24 15	0 29	19 46	1 5	17 14	16 54	19 13	19 38	16 14			n.a.
F 9	2 7	0 29	4 33	5 26	1 52	1 53	5 31	17 4	1 26	10 55	1 48	0 14	2 20	24 15	0 29	19 46	1 5	17 15	16 54	19 16	19 38	16 13			n.a.
S 10	2 31	4s 0	4 55	4 44	1 48	1 29	5 16	16 53	1 27	10 57	1 47	0 11	2 20	24 15	0 29	19 46	1 5	17 15	16 54	19 19	19 39	16 11			n.a.
S 11	2 55	8 23	5 3	4 2	1 43	1 5	5 2	16 41	1 27	10 59	1 47	0 8	2 20	24 15	0 29	19 46	1 5	17 16	16 54	19 22	19 40	16 10			n.a.
M12	3 20	12 29	4 56	3 20	1 38	0 42	4 47	16 30	1 27	11 1	1 47	0 5	2 20	24 15	0 29	19 47	1 5	17 16	16 53	19 24	19 41	16 9			n.a.
T 13	3 44	16 3	4 34	2 37	1 32	0 20	4 32	16 18	1 28	11 3	1 47	0 3	2 20	24 15	0 29	19 47	1 5	17 16	16 53	19 26	19 41	16 7			n.a.
W14	4 8	18 52	3 57	1 53	1 27	0n 1	4 17	16 6	1 28	11 5	1 47	0s 0	2 20	24 15	0 29	19 47	1 5	17 17	16 53	19 28	19 42	16 6			n.a.
T 15	4 33	20 42	3 6	1 10	1 21	0 22	4 2	15 55	1 28	11 7	1 46	0 3	2 20	24 15	0 29	19 47	1 5	17 17	16 53	19 28	19 43	16 4			n.a.
F 16	4 57	21 21	2 3	0 26	1 15	0 41	3 46	15 43	1 29	11 8	1 46	0 6	2 20	24 15	0 29	19 47	1 5	17 17	16 53	19 29	19 44	16 3			n.a.
S 17	5 21	20 43	0 53	0s18	1 9	1 0	3 31	15 31	1 29	11 10	1 46	0 9	2 20	24 15	0 29	19 47	1 5	17 18	16 53	19 29	19 44	16 2			n.a.
S 18	5 45	18 45	0s23	1 2	1 3	1 18	3 16	15 19	1 29	11 11	1 46	0 11	2 20	24 15	0 29	19 47	1 5	17 18	16 53	19 29	19 45	16 0			n.a.
M19	6 9	15 35	1 38	1 46	0 57	1 34	3 1	15 7	1 30	11 13	1 45	0 14	2 20	24 15	0 29	19 47	1 5	17 18	16 53	19 29	19 46	15 59			n.a.
T 20	6 32	11 24	2 47	2 30	0 50	1 49	2 47	14 54	1 30	11 14	1 45	0 17	2 20	24 14	0 29	19 47	1 5	17 19	16 52	19 30	19 47	15 57			n.a.
W21	6 56	6 30	3 46	3 14	0 44	2 3	2 32	14 42	1 30	11 16	1 45	0 20	2 20	24 14	0 29	19 47	1 5	17 19	16 52	19 31	19 47	15 56			n.a.
T 22	7 20	1 14	4 29	3 58	0 37	2 16	2 18	14 30	1 31	11 17	1 44	0 23	2 20	24 14	0 29	19 47	1 5	17 19	16 52	19 34	19 48	15 55			n.a.
F 23	7 43	4n 3	4 55	4 41	0 31	2 28	2 4	14 17	1 31	11 18	1 44	0 25	2 20	24 14	0 29	19 48	1 5	17 19	16 52	19 36	19 49	15 53			n.a.
S 24	8 7	9 1	5 1	5 25	0 24	2 39	1 50	14 5	1 31	11 19	1 44	0 28	2 20	24 14	0 29	19 48	1 5	17 20	16 52	19 39	19 50	15 52			n.a.
S 25	8 30	13 23	4 49	6 8	0 17	2 48	1 37	13 52	1 32	11 20	1 44	0 31	2 20	24 14	0 29	19 48	1 5	17 20	16 52	19 42	19 50	15 50			n.a.
M26	8 53	16 55	4 21	6 51	0 11	2 56	1 24	13 40	1 32	11 21	1 43	0 33	2 21	24 14	0 29	19 48	1 4	17 20	16 51	19 44	19 51	15 49			n.a.
T 27	9 16	19 30	3 40	7 33	0 4	3 3	1 11	13 27	1 32	11 22	1 43	0 36	2 21	24 14	0 29	19 48	1 4	17 20	16 51	19 46	19 52	15 47			n.a.
W28	9 39	21 1	2 49	8 16	0s 2	3 9	0 58	13 14	1 32	11 23	1 43	0 39	2 21	24 14	0 29	19 48	1 4	17 21	16 51	19 47	19 53	15 46			n.a.
T 29	10 2	21 28	1 51	8 57	0 9	3 13	0 46	13 1	1 33	11 24	1 42	0 42	2 21	24 14	0 29	19 48	1 4	17 21	16 51	19 48	19 53	15 44			n.a.
F 30	10 24	20 54	0 49	9 39	0 15	3 17	0 34	12 48	1 33	11 24	1 42	0 44	2 21	24 14	0 29	19 48	1 4	17 21	16 51	19 48	19 54	15 43			n.a.
S 31	10s46	19n24	0n13	10s20	0s22	3n19	0s23	12n35	1n33	11s25	1s42	0s47	2n21	24s14	0s29	19s48	1s 4	17s21	16s51	19n48	19n55	15n42			n.a.

Julian Day Number = 1316268.5, Delta T = 07h37m01s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'15, Lahiri = -19°16'15 Julian Calendar 1 Oct. 1110 BCE == Greg. Calendar 20 Sept. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

NOVEMBER 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 18	28♎35'13	17♌20	27♎ 2	21♍16	2♍ 3	4°R56	7♎23	4♑38	7♒15	25°R 3	3°R 1	2♌28	23♌25	n.a.	S 1
M 2	2 1 15	29°36'23	29° 8	28°36	21°40	2°39	4♓55	7°30	4°40	7°15	25♓ 2	2♌58	2°25	23°32	n.a.	M 2
T 3	2 5 11	0♏37'34	11♍ 1	0♏10	22° 6	3°16	4°53	7°37	4°42	7°15	25° 2	2°54	2°22	23°38	n.a.	T 3
W 4	2 9 8	1°38'46	23° 3	1°45	22°34	3°52	4°51	7°43	4°44	7°15	25° 1	2°46	2°19	23°45	n.a.	W 4
T 5	2 13 4	2°39'59	5♎18	3°19	23° 4	4°28	4°50	7°50	4°46	7°16	25° 0	2°36	2°16	23°52	n.a.	T 5
F 6	2 17 1	3°41'13	17°48	4°54	23°35	5° 5	4°49	7°57	4°48	7°16	24°59	2°23	2°12	23°58	n.a.	F 6
S 7	2 20 57	4°42'27	0♏33	6°29	24° 7	5°41	4°48	8° 3	4°50	7°16	24°58	2° 9	2° 9	24° 5	n.a.	S 7
S 8	2 24 54	5°43'43	13°33	8° 3	24°41	6°17	4°48	8°10	4°52	7°16	24°57	1°55	2° 6	24°11	n.a.	S 8
M 9	2 28 51	6°44'58	26°46	9°38	25°17	6°54	4°47	8°16	4°54	7°17	24°56	1°42	2° 3	24°18	n.a.	M 9
T 10	2 32 47	7°46'15	10♐11	11°13	25°54	7°30	4°D47	8°23	4°56	7°17	24°56	1°31	2° 0	24°25	n.a.	T 10
W11	2 36 44	8°47'31	23°45	12°48	26°32	8° 6	4°47	8°29	4°59	7°18	24°55	1°24	1°57	24°31	n.a.	W11
T 12	2 40 40	9°48'48	7♑28	14°24	27°12	8°42	4°47	8°35	5° 1	7°18	24°54	1°20	1°53	24°38	n.a.	T 12
F 13	2 44 37	10°50'05	21°18	15°59	27°52	9°18	4°48	8°42	5° 3	7°18	24°53	1°18	1°50	24°45	n.a.	F 13
S 14	2 48 33	11°51'22	5♒14	17°35	28°34	9°55	4°48	8°48	5° 6	7°19	24°53	1°18	1°47	24°51	n.a.	S 14
S 15	2 52 30	12°52'39	19°17	19°11	29°17	10°31	4°49	8°54	5° 8	7°20	24°52	1°18	1°44	24°58	n.a.	S 15
M16	2 56 27	13°53'56	3♓26	20°47	0♎ 1	11° 7	4°50	9° 1	5°10	7°20	24°51	1°16	1°41	25° 5	n.a.	M16
T 17	3 0 23	14°55'12	17°40	22°23	0°46	11°43	4°51	9° 7	5°13	7°21	24°50	1°13	1°37	25°11	n.a.	T 17
W18	3 4 20	15°56'29	1♈56	23°59	1°32	12°19	4°53	9°13	5°15	7°21	24°50	1° 6	1°34	25°18	n.a.	W18
T 19	3 8 16	16°57'46	16°11	25°36	2°19	12°54	4°55	9°19	5°18	7°22	24°49	0°57	1°31	25°25	n.a.	T 19
F 20	3 12 13	17°59'02	0♉20	27°12	3° 7	13°30	4°56	9°25	5°21	7°23	24°48	0°46	1°28	25°31	n.a.	F 20
S 21	3 16 9	19° 0'19	14°17	28°49	3°56	14° 6	4°59	9°31	5°23	7°23	24°48	0°34	1°25	25°38	n.a.	S 21
S 22	3 20 6	20° 1'36	27°58	0♐26	4°46	14°42	5° 1	9°37	5°26	7°24	24°47	0°22	1°22	25°45	n.a.	S 22
M23	3 24 2	21° 2'52	11♊19	2° 3	5°36	15°18	5° 3	9°43	5°29	7°25	24°47	0°12	1°18	25°51	n.a.	M23
T 24	3 27 59	22° 4'09	24°20	3°39	6°28	15°53	5° 6	9°49	5°31	7°26	24°46	0° 4	1°15	25°58	n.a.	T 24
W25	3 31 56	23° 5'26	6♋59	5°16	7°20	16°29	5° 9	9°54	5°34	7°27	24°46	29♋59	1°12	26° 5	n.a.	W25
T 26	3 35 52	24° 6'43	19°19	6°53	8°13	17° 5	5°12	10° 0	5°37	7°28	24°45	29°56	1° 9	26°11	n.a.	T 26
F 27	3 39 49	25° 8'00	1♌24	8°29	9° 6	17°40	5°15	10° 6	5°40	7°29	24°45	29°D56	1° 6	26°18	n.a.	F 27
S 28	3 43 45	26° 9'17	13°19	10° 5	10° 0	18°16	5°19	10°12	5°42	7°30	24°44	29°56	1° 3	26°25	n.a.	S 28
S 29	3 47 42	27°10'34	25° 7	11°40	10°55	18°51	5°22	10°17	5°45	7°31	24°44	29°R57	0°59	26°31	n.a.	S 29
M30	3 51 38	28♏11'51	6♍56	13♐14	11♎51	19♍27	5♓26	10♎23	5♑48	7♒32	24♓43	29♋56	0♌56	26♌38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 9	17n 5	1n15	11s 1	0s28	3n20	0s12	12n22	1n34	11s25	1s41	0s50	2n21	24s14	0s29	19s48	1s 4	17s21	16s50	19n48	19n56	15n40		n.a.
M 2	11 31	14 3	2 14	11 41	0 34	3 21	0 1	12 9	1 34	11 26	1 41	0 52	2 21	24 14	0 29	19 47	1 4	17 22	16 50	19 49	19 56	15 39		n.a.
T 3	11 53	10 25	3 7	12 21	0 41	3 20	0n10	11 56	1 34	11 26	1 41	0 55	2 21	24 13	0 29	19 47	1 4	17 22	16 50	19 50	19 57	15 37		n.a.
W 4	12 14	6 20	3 52	13 0	0 47	3 18	0 20	11 43	1 35	11 26	1 40	0 57	2 21	24 13	0 29	19 47	1 4	17 22	16 50	19 51	19 58	15 36		n.a.
T 5	12 36	1 56	4 27	13 39	0 53	3 15	0 30	11 30	1 35	11 26	1 40	1 0	2 21	24 13	0 29	19 47	1 4	17 22	16 49	19 54	19 58	15 34		n.a.
F 6	12 57	2s38	4 50	14 17	0 58	3 11	0 39	11 16	1 35	11 26	1 40	1 3	2 21	24 13	0 29	19 47	1 4	17 22	16 49	19 57	19 59	15 33		n.a.
S 7	13 18	7 10	5 0	14 54	1 4	3 6	0 48	11 3	1 35	11 26	1 40	1 5	2 21	24 13	0 29	19 47	1 4	17 22	16 49	20 0	20 0	15 31		n.a.
S 8	13 39	11 29	4 54	15 31	1 10	3 1	0 57	10 50	1 36	11 26	1 39	1 8	2 21	24 13	0 29	19 47	1 4	17 22	16 49	20 3	20 1	15 30		n.a.
M 9	13 59	15 20	4 32	16 7	1 15	2 54	1 5	10 36	1 36	11 26	1 39	1 10	2 22	24 13	0 29	19 47	1 4	17 22	16 48	20 6	20 1	15 28		n.a.
T 10	14 19	18 27	3 55	16 42	1 20	2 47	1 13	10 23	1 36	11 26	1 39	1 13	2 22	24 13	0 29	19 47	1 4	17 23	16 48	20 9	20 2	15 27		n.a.
W11	14 40	20 36	3 4	17 17	1 25	2 38	1 21	10 9	1 37	11 26	1 38	1 15	2 22	24 13	0 29	19 47	1 4	17 23	16 48	20 10	20 3	15 25		n.a.
T 12	14 59	21 34	2 3	17 51	1 30	2 29	1 29	9 56	1 37	11 25	1 38	1 18	2 22	24 13	0 29	19 46	1 4	17 23	16 48	20 11	20 4	15 24		n.a.
F 13	15 19	21 15	0 53	18 24	1 35	2 19	1 36	9 42	1 37	11 25	1 38	1 20	2 22	24 13	0 29	19 46	1 4	17 23	16 47	20 12	20 4	15 22		n.a.
S 14	15 38	19 36	0s21	18 56	1 39	2 9	1 43	9 29	1 37	11 24	1 37	1 22	2 22	24 12	0 29	19 46	1 4	17 23	16 47	20 12	20 5	15 21		n.a.
S 15	15 57	16 46	1 34	19 27	1 43	1 57	1 49	9 15	1 38	11 24	1 37	1 25	2 22	24 12	0 29	19 46	1 4	17 23	16 47	20 12	20 6	15 19		n.a.
M16	16 16	12 55	2 41	19 58	1 47	1 45	1 56	9 1	1 38	11 23	1 37	1 27	2 22	24 12	0 29	19 46	1 4	17 23	16 47	20 12	20 6	15 18		n.a.
T 17	16 34	8 18	3 39	20 27	1 51	1 33	2 2	8 48	1 38	11 22	1 36	1 30	2 22	24 12	0 29	19 46	1 4	17 23	16 46	20 13	20 7	15 16		n.a.
W18	16 53	3 14	4 24	20 55	1 54	1 19	2 7	8 34	1 39	11 21	1 36	1 32	2 22	24 12	0 29	19 45	1 4	17 23	16 46	20 14	20 8	15 15		n.a.
T 19	17 10	1n59	4 52	21 22	1 57	1 5	2 13	8 20	1 39	11 20	1 36	1 34	2 23	24 12	0 29	19 45	1 4	17 23	16 46	20 16	20 9	15 13		n.a.
F 20	17 28	7 4	5 1	21 48	2 0	0 51	2 18	8 6	1 39	11 19	1 35	1 36	2 23	24 12	0 29	19 45	1 4	17 23	16 45	20 19	20 9	15 12		n.a.
S 21	17 45	11 43	4 53	22 12	2 2	0 35	2 23	7 53	1 39	11 18	1 35	1 39	2 23	24 12	0 29	19 45	1 4	17 23	16 45	20 21	20 10	15 10		n.a.
S 22	18 2	15 41	4 28	22 36	2 4	0 20	2 27	7 39	1 40	11 17	1 35	1 41	2 23	24 11	0 29	19 45	1 4	17 23	16 45	20 24	20 11	15 8		n.a.
M23	18 19	18 44	3 48	22 58	2 6	0 3	2 32	7 25	1 40	11 16	1 34	1 43	2 23	24 11	0 29	19 44	1 4	17 23	16 44	20 26	20 11	15 7		n.a.
T 24	18 35	20 45	2 58	23 18	2 7	0s14	2 36	7 11	1 40	11 15	1 34	1 45	2 23	24 11	0 29	19 44	1 4	17 23	16 44	20 28	20 12	15 5		n.a.
W25	18 51	21 39	1 59	23 37	2 8	0 31	2 40	6 57	1 40	11 13	1 34	1 48	2 23	24 11	0 29	19 44	1 4	17 23	16 44	20 29	20 13	15 4		n.a.
T 26	19 6	21 29	0 56	23 55	2 8	0 49	2 43	6 43	1 41	11 12	1 33	1 50	2 24	24 11	0 29	19 44	1 4	17 23	16 44	20 29	20 14	15 2		n.a.
F 27	19 21	20 18	0n 8	24 10	2 8	1 7	2 47	6 29	1 41	11 10	1 33	1 52	2 24	24 11	0 29	19 43	1 4	17 23	16 43	20 30	20 14	15 1		n.a.
S 28	19 36	18 14	1 11	24 24	2 7	1 25	2 50	6 16	1 41	11 9	1 33	1 54	2 24	24 11	0 29	19 43	1 4	17 22	16 43	20 29	20 15	14 59		n.a.
S 29	19 51	15 24	2 10	24 37	2 5	1 45	2 53	6 2	1 41	11 7	1 32	1 56	2 24	24 11	0 29	19 43	1 4	17 22	16 43	20 29	20 16	14 58		n.a.
M30	20s 5	11n57	3n 4	24s47	2s 3	2s 4	2n56	5n48	1n42	11s 5	1s32	1s58	2n24	24s10	0s29	19s42	1s 4	17s22	16s42	20n29	20n16	14n56		n.a.

Julian Day Number = 1316299.5, Delta T = 07h36m59s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'11, Lahiri = -19°16'11 Julian Calendar 1 Nov. 1110 BCE == Greg. Calendar 21 Oct. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1110 BCE
geocentric

DECEMBER 1110 BCE (-1109) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 35	29♏13'08	18♍51	14♐48	12♎47	20♍ 2	5♓30	10♎28	5♑51	7♒33	24°R43	29°R54	0♌53	26♌45	n.a.	T 1
W 2	3 59 31	0♐14'25	0♎55	16°20	13°44	20°37	5°34	10°33	5°54	7°34	24♓42	29♋49	0°50	26°51	n.a.	W 2
T 3	4 3 28	1°15'41	13°15	17°51	14°41	21°13	5°39	10°39	5°57	7°35	24°42	29°42	0°47	26°58	n.a.	T 3
F 4	4 7 25	2°16'58	25°52	19°20	15°39	21°48	5°43	10°44	6° 0	7°36	24°42	29°33	0°43	27° 5	n.a.	F 4
S 5	4 11 21	3°18'14	8♏49	20°47	16°37	22°23	5°48	10°49	6° 3	7°37	24°41	29°23	0°40	27°11	n.a.	S 5
S 6	4 15 18	4°19'29	22° 6	22°12	17°36	22°58	5°53	10°54	6° 6	7°39	24°41	29°13	0°37	27°18	n.a.	S 6
M 7	4 19 14	5°20'45	5♐42	23°33	18°35	23°33	5°58	10°59	6° 9	7°40	24°41	29° 3	0°34	27°25	n.a.	M 7
T 8	4 23 11	6°21'59	19°32	24°50	19°35	24° 8	6° 4	11° 4	6°12	7°41	24°40	28°56	0°31	27°31	n.a.	T 8
W 9	4 27 7	7°23'13	3♑33	26° 3	20°35	24°43	6° 9	11° 9	6°16	7°42	24°40	28°50	0°28	27°38	n.a.	W 9
T 10	4 31 4	8°24'26	17°42	27°11	21°36	25°18	6°15	11°14	6°19	7°44	24°40	28°48	0°24	27°45	n.a.	T 10
F 11	4 35 1	9°25'39	1♒54	28°14	22°37	25°53	6°21	11°19	6°22	7°45	24°40	28°D47	0°21	27°51	n.a.	F 11
S 12	4 38 57	10°26'50	16° 7	29° 9	23°38	26°27	6°27	11°24	6°25	7°46	24°40	28°48	0°18	27°58	n.a.	S 12
S 13	4 42 54	11°28'00	0♓17	29°57	24°40	27° 2	6°33	11°28	6°28	7°48	24°39	28°49	0°15	28° 5	n.a.	S 13
M14	4 46 50	12°29'09	14°24	0♑37	25°42	27°37	6°40	11°33	6°32	7°49	24°39	28°R50	0°12	28°11	n.a.	M14
T 15	4 50 47	13°30'16	28°26	1° 7	26°44	28°11	6°46	11°37	6°35	7°51	24°39	28°48	0° 8	28°18	n.a.	T 15
W16	4 54 43	14°31'22	12♈23	1°27	27°47	28°46	6°53	11°42	6°38	7°52	24°39	28°45	0° 5	28°25	n.a.	W16
T 17	4 58 40	15°32'28	26°12	1°R36	28°50	29°20	7° 0	11°46	6°41	7°54	24°39	28°40	0° 2	28°31	n.a.	T 17
F 18	5 2 36	16°33'32	9♉53	1°35	29°54	29°54	7° 7	11°50	6°45	7°55	24°39	28°34	29♋59	28°38	n.a.	F 18
S 19	5 6 33	17°34'34	23°22	1°21	0♏57	0♎29	7°14	11°54	6°48	7°57	24°39	28°26	29°56	28°45	n.a.	S 19
S 20	5 10 30	18°35'36	6♊38	0°57	2° 1	1° 3	7°21	11°59	6°51	7°59	24°D39	28°19	29°53	28°51	n.a.	S 20
M21	5 14 26	19°36'36	19°39	0°21	3° 6	1°37	7°29	12° 3	6°55	8° 0	24°39	28°13	29°49	28°58	n.a.	M21
T 22	5 18 23	20°37'36	2♋24	29♐35	4°10	2°11	7°36	12° 6	6°58	8° 2	24°39	28° 8	29°46	29° 5	n.a.	T 22
W23	5 22 19	21°38'34	14°54	28°40	5°15	2°45	7°44	12°10	7° 1	8° 4	24°39	28° 6	29°43	29°11	n.a.	W23
T 24	5 26 16	22°39'31	27° 9	27°37	6°20	3°19	7°52	12°14	7° 5	8° 5	24°39	28°D 5	29°40	29°18	n.a.	T 24
F 25	5 30 12	23°40'27	9♌12	26°28	7°25	3°53	8° 0	12°18	7° 8	8° 7	24°39	28° 5	29°37	29°25	n.a.	F 25
S 26	5 34 9	24°41'22	21° 6	25°16	8°31	4°26	8° 9	12°21	7°12	8° 9	24°39	28° 7	29°34	29°31	n.a.	S 26
S 27	5 38 6	25°42'16	2♍56	24° 2	9°37	5° 0	8°17	12°25	7°15	8°11	24°40	28° 9	29°30	29°38	n.a.	S 27
M28	5 42 2	26°43'09	14°45	22°49	10°43	5°34	8°25	12°28	7°18	8°12	24°40	28°10	29°27	29°45	n.a.	M28
T 29	5 45 59	27°44'01	26°39	21°39	11°49	6° 7	8°34	12°32	7°22	8°14	24°40	28°R11	29°24	29°51	n.a.	T 29
W30	5 49 55	28°44'51	8♎43	20°32	12°56	6°40	8°43	12°35	7°25	8°16	24°40	28°10	29°21	29°58	n.a.	W30
T 31	5 53 52	29♐45'41	21♎ 2	19♐31	14♏ 2	7♎14	8♓52	12♎38	7♑29	8♒18	24♓40	28♋ 9	29♋18	0♍ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s18	8n 1	3n51	24s56	2s 0	2s24	2n58	5n34	1n42	11s 3	1s32	2s 0	2n24	24s10	0s29	19s42	1s 4	17s22	16s42	20n30	20n17	14n54			n.a.
W 2	20 32	3 42	4 28	25 3	1 57	2 44	3 1	5 20	1 42	11 2	1 31	2 2	2 24	24 10	0 29	19 42	1 4	17 22	16 42	20 31	20 18	14 53			n.a.
T 3	20 45	0s50	4 53	25 8	1 53	3 4	3 3	5 6	1 42	11 0	1 31	2 4	2 25	24 10	0 29	19 42	1 4	17 22	16 41	20 32	20 18	14 51			n.a.
F 4	20 57	5 26	5 4	25 11	1 48	3 25	3 5	4 52	1 42	10 58	1 31	2 6	2 25	24 10	0 29	19 41	1 4	17 22	16 41	20 34	20 19	14 50			n.a.
S 5	21 9	9 55	5 1	25 11	1 42	3 46	3 7	4 38	1 43	10 56	1 30	2 8	2 25	24 10	0 29	19 41	1 3	17 21	16 41	20 37	20 20	14 48			n.a.
S 6	21 21	14 3	4 41	25 10	1 35	4 8	3 8	4 24	1 43	10 53	1 30	2 10	2 25	24 10	0 29	19 41	1 3	17 21	16 40	20 39	20 21	14 46			n.a.
M 7	21 32	17 34	4 6	25 7	1 27	4 29	3 9	4 10	1 43	10 51	1 30	2 12	2 25	24 9	0 29	19 40	1 3	17 21	16 40	20 41	20 21	14 45			n.a.
T 8	21 43	20 10	3 15	25 1	1 18	4 51	3 11	3 57	1 43	10 49	1 29	2 13	2 25	24 9	0 29	19 40	1 3	17 21	16 40	20 42	20 22	14 43			n.a.
W 9	21 54	21 35	2 12	24 54	1 8	5 13	3 12	3 43	1 44	10 46	1 29	2 15	2 26	24 9	0 29	19 39	1 3	17 21	16 39	20 43	20 23	14 42			n.a.
T 10	22 4	21 39	0 59	24 45	0 57	5 35	3 12	3 29	1 44	10 44	1 29	2 17	2 26	24 9	0 29	19 39	1 3	17 20	16 39	20 44	20 23	14 40			n.a.
F 11	22 13	20 20	0s17	24 34	0 45	5 57	3 13	3 15	1 44	10 42	1 28	2 19	2 26	24 9	0 29	19 39	1 3	17 20	16 38	20 44	20 24	14 38			n.a.
S 12	22 22	17 44	1 32	24 22	0 32	6 20	3 13	3 1	1 44	10 39	1 28	2 20	2 26	24 9	0 29	19 38	1 3	17 20	16 38	20 44	20 25	14 37			n.a.
S 13	22 31	14 4	2 42	24 8	0 18	6 42	3 14	2 47	1 44	10 36	1 28	2 22	2 26	24 8	0 29	19 38	1 3	17 20	16 38	20 44	20 25	14 35			n.a.
M14	22 39	9 38	3 41	23 52	0 3	7 5	3 14	2 34	1 45	10 34	1 28	2 24	2 27	24 8	0 29	19 38	1 3	17 19	16 37	20 44	20 26	14 34			n.a.
T 15	22 47	4 42	4 27	23 36	0n14	7 28	3 14	2 20	1 45	10 31	1 27	2 25	2 27	24 8	0 29	19 37	1 3	17 19	16 37	20 44	20 27	14 32			n.a.
W16	22 55	0n26	4 57	23 18	0 31	7 51	3 14	2 6	1 45	10 28	1 27	2 27	2 27	24 8	0 29	19 37	1 3	17 19	16 37	20 44	20 27	14 30			n.a.
T 17	23 2	5 29	5 9	23 0	0 49	8 14	3 13	1 52	1 45	10 25	1 27	2 28	2 27	24 8	0 29	19 36	1 3	17 19	16 36	20 45	20 28	14 29			n.a.
F 18	23 8	10 13	5 3	22 42	1 7	8 37	3 13	1 39	1 45	10 22	1 26	2 30	2 27	24 8	0 29	19 36	1 3	17 18	16 36	20 47	20 29	14 27			n.a.
S 19	23 14	14 23	4 41	22 23	1 26	8 59	3 12	1 25	1 45	10 19	1 26	2 31	2 28	24 7	0 29	19 35	1 3	17 18	16 36	20 48	20 30	14 25			n.a.
S 20	23 20	17 46	4 3	22 4	1 45	9 22	3 12	1 11	1 46	10 16	1 26	2 33	2 28	24 7	0 29	19 35	1 3	17 18	16 35	20 50	20 30	14 24			n.a.
M21	23 25	20 12	3 14	21 46	2 3	9 45	3 11	0 58	1 46	10 13	1 25	2 34	2 28	24 7	0 29	19 35	1 3	17 17	16 35	20 51	20 31	14 22			n.a.
T 22	23 29	21 33	2 15	21 28	2 21	10 8	3 10	0 44	1 46	10 10	1 25	2 36	2 28	24 7	0 29	19 34	1 3	17 17	16 35	20 52	20 32	14 20			n.a.
W23	23 33	21 48	1 11	21 11	2 38	10 31	3 9	0 30	1 46	10 7	1 25	2 37	2 28	24 7	0 29	19 34	1 3	17 17	16 34	20 53	20 32	14 19			n.a.
T 24	23 37	20 59	0 5	20 55	2 54	10 54	3 7	0 17	1 46	10 3	1 25	2 38	2 29	24 7	0 29	19 33	1 3	17 16	16 34	20 53	20 33	14 17			n.a.
F 25	23 40	19 13	1n 0	20 39	3 7	11 17	3 6	0 3	1 46	10 0	1 24	2 39	2 29	24 6	0 29	19 33	1 3	17 16	16 33	20 53	20 34	14 15			n.a.
S 26	23 43	16 38	2 3	20 26	3 19	11 40	3 4	0s10	1 47	9 57	1 24	2 41	2 29	24 6	0 29	19 32	1 3	17 15	16 33	20 52	20 34	14 14			n.a.
S 27	23 45	13 22	2 59	20 13	3 28	12 2	3 3	0 23	1 47	9 53	1 24	2 42	2 29	24 6	0 29	19 32	1 3	17 15	16 33	20 52	20 35	14 12			n.a.
M28	23 47	9 36	3 48	20 3	3 35	12 25	3 1	0 37	1 47	9 50	1 24	2 43	2 30	24 6	0 29	19 31	1 3	17 15	16 32	20 52	20 36	14 10			n.a.
T 29	23 48	5 26	4 28	19 54	3 40	12 47	2 59	0 50	1 47	9 46	1 23	2 44	2 30	24 6	0 29	19 31	1 3	17 14	16 32	20 52	20 36	14 9			n.a.
W30	23 49	1 1	4 56	19 47	3 42	13 9	2 57	1 3	1 47	9 43	1 23	2 45	2 30	24 5	0 29	19 30	1 3	17 14	16 32	20 52	20 37	14 7			n.a.
T 31	23s49	3s32	5n11	19s43	3n42	13s31	2n55	1s17	1n47	9s39	1s23	2s46	2n30	24s 5	0s29	19s30	1s 3	17s13	16s31	20n52	20n38	14n 5			n.a.

Julian Day Number = 1316329.5, Delta T = 07h36m57s
Ecliptic obliquity = 23°49'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'07, Lahiri = -19°16'07 Julian Calendar 1 Dec. 1110 BCE == Greg. Calendar 20 Nov. 1110 BCE

The year -1109 astronomical counting style corresponds to year 1110 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

JANUARY 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 57 48	0♉46'29	3♏40	18°R37	15♏ 9	7♎47	9♓ 1	12♎41	7♉32	8♒20	24♓41	28°R 6	29♋14	0♍11	n.a.	F 1
S 2	6 1 45	1°47'16	16°39	17♐51	16°16	8°20	9°10	12°44	7°36	8°22	24°41	28♋ 2	29°11	0°18	n.a.	S 2
S 3	6 5 41	2°48'01	0♐ 3	17°12	17°23	8°53	9°20	12°47	7°39	8°24	24°41	27°58	29° 8	0°25	n.a.	S 3
M 4	6 9 38	3°48'46	13°50	16°42	18°31	9°26	9°29	12°50	7°43	8°26	24°42	27°54	29° 5	0°31	n.a.	M 4
T 5	6 13 35	4°49'29	27°59	16°19	19°38	9°59	9°39	12°53	7°46	8°27	24°42	27°51	29° 2	0°38	n.a.	T 5
W 6	6 17 31	5°50'10	12♉24	16° 5	20°46	10°31	9°48	12°55	7°49	8°29	24°42	27°49	28°59	0°45	n.a.	W 6
T 7	6 21 28	6°50'50	27° 0	15°D58	21°54	11° 4	9°58	12°58	7°53	8°31	24°43	27°D48	28°55	0°51	n.a.	T 7
F 8	6 25 24	7°51'28	11♒40	15°59	23° 2	11°36	10° 8	13° 0	7°56	8°33	24°43	27°49	28°52	0°58	n.a.	F 8
S 9	6 29 21	8°52'04	26°19	16° 6	24°10	12° 9	10°18	13° 3	8° 0	8°35	24°44	27°50	28°49	1° 5	n.a.	S 9
S 10	6 33 17	9°52'38	10♓50	16°20	25°18	12°41	10°28	13° 5	8° 3	8°38	24°44	27°51	28°46	1°11	n.a.	S 10
M11	6 37 14	10°53'10	25°10	16°40	26°27	13°13	10°39	13° 7	8° 7	8°40	24°44	27°52	28°43	1°18	n.a.	M11
T 12	6 41 10	11°53'40	9♈16	17° 5	27°35	13°45	10°49	13° 9	8°10	8°42	24°45	27°R53	28°40	1°25	n.a.	T 12
W13	6 45 7	12°54'07	23° 6	17°36	28°44	14°17	11° 0	13°11	8°14	8°44	24°45	27°53	28°36	1°31	n.a.	W13
T 14	6 49 4	13°54'33	6♉42	18°11	29°53	14°48	11°10	13°13	8°17	8°46	24°46	27°52	28°33	1°38	n.a.	T 14
F 15	6 53 0	14°54'57	20° 2	18°51	1♐ 1	15°20	11°21	13°15	8°21	8°48	24°47	27°50	28°30	1°45	n.a.	F 15
S 16	6 56 57	15°55'18	3♊ 7	19°34	2°10	15°52	11°32	13°16	8°24	8°50	24°47	27°48	28°27	1°51	n.a.	S 16
S 17	7 0 53	16°55'38	15°59	20°22	3°20	16°23	11°43	13°18	8°28	8°52	24°48	27°47	28°24	1°58	n.a.	S 17
M18	7 4 50	17°55'56	28°37	21°13	4°29	16°54	11°54	13°19	8°31	8°54	24°48	27°46	28°20	2° 5	n.a.	M18
T 19	7 8 46	18°56'11	11♋ 3	22° 7	5°38	17°25	12° 5	13°21	8°34	8°56	24°49	27°45	28°17	2°11	n.a.	T 19
W20	7 12 43	19°56'25	23°19	23° 4	6°47	17°56	12°16	13°22	8°38	8°59	24°50	27°D44	28°14	2°18	n.a.	W20
T 21	7 16 39	20°56'37	5♌24	24° 4	7°57	18°27	12°28	13°23	8°41	9° 1	24°50	27°44	28°11	2°25	n.a.	T 21
F 22	7 20 36	21°56'46	17°22	25° 6	9° 7	18°58	12°39	13°24	8°45	9° 3	24°51	27°45	28° 8	2°31	n.a.	F 22
S 23	7 24 33	22°56'54	29°14	26°11	10°16	19°28	12°50	13°25	8°48	9° 5	24°52	27°45	28° 5	2°38	n.a.	S 23
S 24	7 28 29	23°57'00	11♍ 4	27°18	11°26	19°58	13° 2	13°26	8°52	9° 7	24°53	27°46	28° 1	2°45	n.a.	S 24
M25	7 32 26	24°57'04	22°54	28°28	12°36	20°29	13°14	13°27	8°55	9°10	24°53	27°46	27°58	2°51	n.a.	M25
T 26	7 36 22	25°57'07	4♎48	29°39	13°46	20°59	13°26	13°27	8°58	9°12	24°54	27°46	27°55	2°58	n.a.	T 26
W27	7 40 19	26°57'07	16°51	0♉52	14°56	21°29	13°37	13°28	9° 2	9°14	24°55	27°46	27°52	3° 5	n.a.	W27
T 28	7 44 15	27°57'06	29° 7	2° 7	16° 6	21°58	13°49	13°28	9° 5	9°16	24°56	27°46	27°49	3°11	n.a.	T 28
F 29	7 48 12	28°57'03	11♏41	3°24	17°16	22°28	14° 1	13°29	9° 8	9°19	24°56	27°46	27°46	3°18	n.a.	F 29
S 30	7 52 8	29°56'58	24°36	4°42	18°26	22°57	14°13	13°29	9°12	9°21	24°57	27°47	27°42	3°25	n.a.	S 30
S 31	7 56 5	0♒56'52	7♐56	6♉ 2	19♐37	23♎26	14♓26	13♎29	9♉15	9♒23	24♓58	27♋47	27♋39	3♍31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s49	8 s 3	5n12	19 s40	3n40	13 s53	2n53	1 s30	1n47	9 s35	1 s22	2 s47	2n30	24 s 5	0 s29	19 s29	1 s 3	17 s13	16 s31	20n53	20n38	14n 4		n.a.
S 2	23 49	12 20	4 58	19 40	3 36	14 15	2 51	1 43	1 47	9 32	1 22	2 48	2 31	24 5	0 29	19 29	1 3	17 13	16 31	20 53	20 39	14 2		n.a.
S 3	23 48	16 9	4 26	19 42	3 31	14 36	2 49	1 56	1 47	9 28	1 22	2 49	2 31	24 5	0 29	19 28	1 3	17 12	16 30	20 54	20 40	14 0		n.a.
M 4	23 46	19 12	3 39	19 46	3 24	14 57	2 46	2 9	1 47	9 24	1 22	2 50	2 31	24 4	0 29	19 28	1 3	17 12	16 30	20 55	20 40	13 58		n.a.
T 5	23 44	21 12	2 37	19 52	3 16	15 18	2 44	2 22	1 48	9 20	1 21	2 51	2 31	24 4	0 29	19 27	1 3	17 11	16 29	20 56	20 41	13 57		n.a.
W 6	23 42	21 51	1 24	19 59	3 7	15 39	2 41	2 35	1 48	9 16	1 21	2 52	2 32	24 4	0 29	19 27	1 3	17 11	16 29	20 56	20 42	13 55		n.a.
T 7	23 39	21 1	0 4	20 8	2 58	15 59	2 38	2 48	1 48	9 12	1 21	2 52	2 32	24 4	0 29	19 26	1 3	17 10	16 29	20 56	20 42	13 53		n.a.
F 8	23 35	18 47	1 s16	20 18	2 47	16 19	2 36	3 1	1 48	9 8	1 21	2 53	2 32	24 4	0 29	19 26	1 3	17 10	16 28	20 56	20 43	13 52		n.a.
S 9	23 31	15 19	2 31	20 29	2 37	16 39	2 33	3 14	1 48	9 4	1 21	2 54	2 32	24 3	0 29	19 25	1 3	17 9	16 28	20 56	20 44	13 50		n.a.
S 10	23 27	10 57	3 36	20 42	2 26	16 58	2 30	3 26	1 48	9 0	1 20	2 55	2 33	24 3	0 29	19 24	1 3	17 9	16 28	20 56	20 44	13 48		n.a.
M11	23 22	6 1	4 27	20 55	2 15	17 17	2 27	3 39	1 48	8 56	1 20	2 55	2 33	24 3	0 29	19 24	1 3	17 8	16 27	20 55	20 45	13 46		n.a.
T 12	23 17	0 51	5 0	21 8	2 3	17 36	2 24	3 51	1 48	8 51	1 20	2 56	2 33	24 3	0 29	19 23	1 3	17 8	16 27	20 55	20 46	13 45		n.a.
W13	23 11	4n15	5 15	21 23	1 52	17 54	2 21	4 4	1 48	8 47	1 20	2 56	2 33	24 3	0 29	19 23	1 3	17 7	16 27	20 55	20 46	13 43		n.a.
T 14	23 5	9 3	5 13	21 37	1 41	18 12	2 18	4 16	1 48	8 43	1 19	2 57	2 33	24 2	0 29	19 22	1 3	17 7	16 26	20 55	20 47	13 41		n.a.
F 15	22 59	13 20	4 53	21 52	1 30	18 30	2 15	4 29	1 48	8 38	1 19	2 57	2 34	24 2	0 29	19 22	1 3	17 6	16 26	20 56	20 48	13 39		n.a.
S 16	22 52	16 53	4 19	22 6	1 18	18 47	2 11	4 41	1 48	8 34	1 19	2 58	2 34	24 2	0 29	19 21	1 3	17 6	16 26	20 56	20 48	13 38		n.a.
S 17	22 44	19 34	3 31	22 21	1 7	19 4	2 8	4 53	1 48	8 30	1 19	2 58	2 34	24 2	0 29	19 20	1 3	17 5	16 25	20 56	20 49	13 36		n.a.
M18	22 36	21 14	2 35	22 35	0 57	19 20	2 5	5 5	1 48	8 25	1 19	2 58	2 34	24 1	0 29	19 20	1 3	17 4	16 25	20 57	20 50	13 34		n.a.
T 19	22 28	21 50	1 31	22 49	0 46	19 36	2 1	5 17	1 48	8 21	1 18	2 59	2 35	24 1	0 29	19 19	1 3	17 4	16 25	20 57	20 50	13 32		n.a.
W20	22 19	21 22	0 25	23 3	0 35	19 51	1 58	5 29	1 48	8 16	1 18	2 59	2 35	24 1	0 29	19 19	1 3	17 3	16 24	20 57	20 51	13 31		n.a.
T 21	22 10	19 55	0n42	23 16	0 25	20 6	1 55	5 41	1 48	8 11	1 18	2 59	2 35	24 1	0 29	19 18	1 3	17 3	16 24	20 57	20 52	13 29		n.a.
F 22	22 0	17 34	1 47	23 29	0 15	20 21	1 51	5 53	1 48	8 7	1 18	2 59	2 35	24 1	0 29	19 18	1 3	17 2	16 24	20 57	20 52	13 27		n.a.
S 23	21 50	14 31	2 46	23 41	0 6	20 34	1 48	6 5	1 47	8 2	1 18	3 0	2 36	24 0	0 29	19 17	1 3	17 2	16 23	20 57	20 53	13 25		n.a.
S 24	21 40	10 53	3 38	23 52	0 s 4	20 48	1 44	6 17	1 47	7 57	1 17	3 0	2 36	24 0	0 29	19 16	1 3	17 1	16 23	20 57	20 53	13 24		n.a.
M25	21 29	6 51	4 21	24 2	0 13	21 1	1 40	6 28	1 47	7 53	1 17	3 0	2 36	24 0	0 29	19 16	1 3	17 0	16 23	20 57	20 54	13 22		n.a.
T 26	21 18	2 32	4 53	24 11	0 22	21 13	1 37	6 40	1 47	7 48	1 17	3 0	2 36	24 0	0 29	19 15	1 3	17 0	16 22	20 57	20 55	13 20		n.a.
W27	21 6	1 s56	5 12	24 20	0 30	21 25	1 33	6 51	1 47	7 43	1 17	3 0	2 37	24 0	0 29	19 15	1 3	16 59	16 22	20 57	20 55	13 18		n.a.
T 28	20 54	6 23	5 18	24 27	0 39	21 36	1 30	7 3	1 47	7 38	1 17	3 0	2 37	23 59	0 29	19 14	1 3	16 59	16 22	20 57	20 56	13 16		n.a.
F 29	20 42	10 42	5 9	24 33	0 47	21 47	1 26	7 14	1 47	7 33	1 16	3 0	2 37	23 59	0 29	19 13	1 3	16 58	16 22	20 56	20 57	13 15		n.a.
S 30	20 29	14 38	4 44	24 39	0 54	21 57	1 22	7 25	1 47	7 28	1 16	3 0	2 37	23 59	0 29	19 13	1 3	16 57	16 21	20 56	20 57	13 13		n.a.
S 31	20 s16	17 s59	4n 3	24 s42	1 s 1	22 s 6	1n19	7 s36	1n46	7 s23	1 s16	2 s59	2n38	23 s59	0 s29	19 s12	1 s 3	16 s57	16 s21	20n56	20n58	13n11		n.a.

Julian Day Number = 1316360.5, Delta T = 07h36m56s
Ecliptic obliquity = 23°49'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°23'03, Lahiri = -19°16'02 Julian Calendar 1 Jan. 1109 BCE == Greg. Calendar 21 Dec. 1110 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

FEBRUARY 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 0 2	1♒56'43	21♐42	7♑24	20♐47	23♎55	14♓38	13°R29	9♑18	9♒25	24♓59	27♋47	27♋36	3♍38	n.a.	M 1
T 2	8 3 58	2°56'33	5♑54	8°47	21°57	24°24	14°50	13♎29	9°21	9°28	25° 0	27°48	27°33	3°45	n.a.	T 2
W 3	8 7 55	3°56'21	20°30	10°11	23° 8	24°53	15° 3	13°29	9°25	9°30	25° 1	27°R48	27°30	3°51	n.a.	W 3
T 4	8 11 51	4°56'07	5♒22	11°37	24°19	25°21	15°15	13°29	9°28	9°32	25° 2	27°48	27°26	3°58	n.a.	T 4
F 5	8 15 48	5°55'50	20°25	13° 4	25°29	25°49	15°28	13°28	9°31	9°34	25° 3	27°48	27°23	4° 5	n.a.	F 5
S 6	8 19 44	6°55'32	5♓28	14°33	26°40	26°17	15°40	13°28	9°34	9°37	25° 4	27°47	27°20	4°11	n.a.	S 6
S 7	8 23 41	7°55'11	20°24	16° 2	27°51	26°45	15°53	13°27	9°37	9°39	25° 5	27°46	27°17	4°18	n.a.	S 7
M 8	8 27 37	8°54'47	5♈ 5	17°34	29° 1	27°13	16° 6	13°27	9°41	9°41	25° 6	27°44	27°14	4°25	n.a.	M 8
T 9	8 31 34	9°54'21	19°25	19° 6	0♑12	27°40	16°19	13°26	9°44	9°43	25° 7	27°43	27°11	4°31	n.a.	T 9
W10	8 35 30	10°53'53	3♉23	20°40	1°23	28° 7	16°31	13°25	9°47	9°46	25° 8	27°43	27° 7	4°38	n.a.	W10
T 11	8 39 27	11°53'22	16°57	22°15	2°34	28°34	16°44	13°24	9°50	9°48	25° 9	27°D43	27° 4	4°45	n.a.	T 11
F 12	8 43 24	12°52'49	0♊ 9	23°51	3°45	29° 0	16°57	13°23	9°53	9°50	25°10	27°43	27° 1	4°51	n.a.	F 12
S 13	8 47 20	13°52'13	13° 1	25°29	4°56	29°27	17°10	13°22	9°56	9°53	25°11	27°44	26°58	4°58	n.a.	S 13
S 14	8 51 17	14°51'35	25°36	27° 8	6° 7	29°53	17°23	13°21	9°59	9°55	25°12	27°46	26°55	5° 5	n.a.	S 14
M15	8 55 13	15°50'54	7♋58	28°48	7°18	0♏19	17°37	13°20	10° 2	9°57	25°13	27°47	26°52	5°11	n.a.	M15
T 16	8 59 10	16°50'11	20° 8	0♒30	8°29	0°44	17°50	13°18	10° 5	9°59	25°14	27°48	26°48	5°18	n.a.	T 16
W17	9 3 6	17°49'26	2♌10	2°13	9°40	1°10	18° 3	13°17	10° 8	10° 2	25°15	27°R48	26°45	5°25	n.a.	W17
T 18	9 7 3	18°48'39	14° 6	3°57	10°51	1°35	18°16	13°15	10°11	10° 4	25°16	27°47	26°42	5°31	n.a.	T 18
F 19	9 10 59	19°47'49	25°59	5°42	12° 3	1°59	18°30	13°13	10°14	10° 6	25°18	27°45	26°39	5°38	n.a.	F 19
S 20	9 14 56	20°46'57	7♍49	7°29	13°14	2°24	18°43	13°12	10°16	10° 8	25°19	27°42	26°36	5°45	n.a.	S 20
S 21	9 18 53	21°46'03	19°39	9°17	14°25	2°48	18°57	13°10	10°19	10°11	25°20	27°38	26°32	5°52	n.a.	S 21
M22	9 22 49	22°45'07	1♎31	11° 7	15°37	3°12	19°10	13° 8	10°22	10°13	25°21	27°34	26°29	5°58	n.a.	M22
T 23	9 26 46	23°44'09	13°28	12°58	16°48	3°36	19°24	13° 6	10°25	10°15	25°22	27°30	26°26	6° 5	n.a.	T 23
W24	9 30 42	24°43'09	25°33	14°51	18° 0	3°59	19°37	13° 4	10°27	10°17	25°23	27°26	26°23	6°12	n.a.	W24
T 25	9 34 39	25°42'07	7♏49	16°44	19°11	4°22	19°51	13° 1	10°30	10°19	25°25	27°23	26°20	6°18	n.a.	T 25
F 26	9 38 35	26°41'03	20°20	18°40	20°23	4°45	20° 4	12°59	10°33	10°22	25°26	27°22	26°17	6°25	n.a.	F 26
S 27	9 42 32	27°39'57	3♐10	20°36	21°34	5° 7	20°18	12°57	10°35	10°24	25°27	27°D22	26°13	6°32	n.a.	S 27
S 28	9 46 28	28°38'50	16°22	22°34	22°46	5°29	20°32	12°54	10°38	10°26	25°28	27°23	26°10	6°38	n.a.	S 28
M29	9 50 25	29♒37'40	29♐59	24♒33	23♑57	5♏51	20♓46	12♎52	10♑41	10♒28	25♓30	27♋24	26♋ 7	6♍45	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 3	20s27	3n 7	24s45	1s 8	22s15	1n15	7s47	1n46	7s19	1s16	2s59	2n38	23s58	0s29	19s12	1s 3	16s56	16s21	20n56	20n59	13n 9		n.a.
T 2	19 49	21 43	1 59	24 47	1 15	22 24	1 11	7 58	1 46	7 14	1 16	2 59	2 38	23 58	0 29	19 11	1 3	16 56	16 20	20 56	20 59	13 7		n.a.
W 3	19 35	21 34	0 40	24 47	1 21	22 31	1 7	8 9	1 46	7 8	1 16	2 59	2 38	23 58	0 29	19 10	1 3	16 55	16 20	20 56	21 0	13 5		n.a.
T 4	19 20	19 55	0s42	24 45	1 27	22 38	1 4	8 20	1 45	7 3	1 15	2 58	2 39	23 58	0 29	19 10	1 3	16 54	16 20	20 56	21 1	13 4		n.a.
F 5	19 6	16 51	2 2	24 43	1 33	22 45	1 0	8 30	1 45	6 58	1 15	2 58	2 39	23 58	0 29	19 9	1 3	16 54	16 20	20 56	21 1	13 2		n.a.
S 6	18 50	12 39	3 14	24 38	1 38	22 51	0 56	8 41	1 45	6 53	1 15	2 58	2 39	23 57	0 29	19 9	1 3	16 53	16 19	20 56	21 2	13 0		n.a.
S 7	18 35	7 43	4 12	24 33	1 43	22 56	0 53	8 51	1 45	6 48	1 15	2 57	2 39	23 57	0 29	19 8	1 3	16 52	16 19	20 57	21 2	12 58		n.a.
M 8	18 19	2 25	4 53	24 25	1 47	23 1	0 49	9 1	1 44	6 43	1 15	2 57	2 40	23 57	0 29	19 7	1 3	16 52	16 19	20 57	21 3	12 56		n.a.
T 9	18 3	2n53	5 14	24 17	1 51	23 4	0 45	9 12	1 44	6 38	1 15	2 56	2 40	23 57	0 29	19 7	1 3	16 51	16 19	20 57	21 4	12 55		n.a.
W10	17 47	7 54	5 15	24 6	1 55	23 8	0 41	9 22	1 44	6 32	1 14	2 56	2 40	23 57	0 29	19 6	1 3	16 51	16 18	20 57	21 4	12 53		n.a.
T 11	17 30	12 23	4 59	23 54	1 58	23 10	0 38	9 32	1 43	6 27	1 14	2 55	2 40	23 56	0 29	19 5	1 3	16 50	16 18	20 57	21 5	12 51		n.a.
F 12	17 13	16 9	4 28	23 40	2 1	23 12	0 34	9 42	1 43	6 22	1 14	2 55	2 40	23 56	0 29	19 5	1 3	16 49	16 18	20 57	21 6	12 49		n.a.
S 13	16 56	19 2	3 43	23 25	2 4	23 13	0 30	9 51	1 43	6 17	1 14	2 54	2 41	23 56	0 29	19 4	1 3	16 49	16 18	20 57	21 6	12 47		n.a.
S 14	16 38	20 56	2 49	23 7	2 6	23 14	0 27	10 1	1 42	6 11	1 14	2 53	2 41	23 56	0 29	19 4	1 3	16 48	16 17	20 57	21 7	12 45		n.a.
M15	16 21	21 48	1 48	22 48	2 7	23 14	0 23	10 11	1 42	6 6	1 14	2 52	2 41	23 55	0 29	19 3	1 3	16 47	16 17	20 56	21 7	12 43		n.a.
T 16	16 3	21 36	0 42	22 27	2 8	23 13	0 20	10 20	1 41	6 1	1 14	2 52	2 41	23 55	0 29	19 2	1 3	16 47	16 17	20 56	21 8	12 42		n.a.
W17	15 44	20 23	0n24	22 5	2 9	23 12	0 16	10 30	1 41	5 55	1 13	2 51	2 42	23 55	0 29	19 2	1 3	16 46	16 17	20 56	21 9	12 40		n.a.
T 18	15 26	18 17	1 29	21 40	2 9	23 10	0 13	10 39	1 40	5 50	1 13	2 50	2 42	23 55	0 29	19 1	1 3	16 45	16 16	20 56	21 9	12 38		n.a.
F 19	15 7	15 24	2 29	21 14	2 9	23 7	0 9	10 48	1 40	5 44	1 13	2 49	2 42	23 55	0 29	19 1	1 3	16 45	16 16	20 57	21 10	12 36		n.a.
S 20	14 48	11 54	3 23	20 45	2 8	23 4	0 6	10 57	1 39	5 39	1 13	2 48	2 42	23 54	0 29	19 0	1 3	16 44	16 16	20 57	21 11	12 34		n.a.
S 21	14 29	7 57	4 8	20 15	2 7	23 0	0 2	11 6	1 39	5 33	1 13	2 47	2 42	23 54	0 29	18 59	1 3	16 43	16 16	20 58	21 11	12 32		n.a.
M22	14 9	3 41	4 42	19 43	2 5	22 55	0s 1	11 15	1 38	5 28	1 13	2 46	2 43	23 54	0 29	18 59	1 3	16 43	16 16	20 59	21 12	12 30		n.a.
T 23	13 49	0s44	5 4	19 9	2 3	22 49	0 4	11 23	1 37	5 22	1 13	2 45	2 43	23 54	0 29	18 58	1 3	16 42	16 15	21 0	21 12	12 28		n.a.
W24	13 30	5 11	5 13	18 33	2 0	22 43	0 8	11 32	1 37	5 17	1 13	2 44	2 43	23 54	0 29	18 58	1 3	16 41	16 15	21 1	21 13	12 27		n.a.
T 25	13 9	9 29	5 8	17 55	1 56	22 37	0 11	11 41	1 36	5 11	1 12	2 43	2 43	23 53	0 29	18 57	1 3	16 41	16 15	21 1	21 14	12 25		n.a.
F 26	12 49	13 29	4 49	17 15	1 52	22 29	0 14	11 49	1 35	5 6	1 12	2 42	2 43	23 53	0 29	18 56	1 3	16 40	16 15	21 1	21 14	12 23		n.a.
S 27	12 29	16 58	4 15	16 33	1 48	22 21	0 17	11 57	1 35	5 0	1 12	2 41	2 44	23 53	0 29	18 56	1 3	16 39	16 15	21 1	21 15	12 21		n.a.
S 28	12 8	19 42	3 26	15 50	1 43	22 12	0 20	12 5	1 34	4 55	1 12	2 40	2 44	23 53	0 29	18 55	1 3	16 39	16 14	21 1	21 15	12 19		n.a.
M29	11s47	21s25	2n25	15s 4	1s37	22s 3	0s24	12s13	1n33	4s49	1s12	2s39	2n44	23s53	0s29	18s55	1s 3	16s38	16s14	21n 1	21n16	12n17		n.a.

Julian Day Number = 1316391.5, Delta T = 07h36m54s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'59, Lahiri = -19°15'58 Julian Calendar 1 Feb. 1109 BCE == Greg. Calendar 21 Jan. 1109 BCE

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

MARCH 1109 BCE (-1108) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 21	0♓36'29	14♉ 4	26♒34	25♉ 9	6♏12	20♓59	12°R49	10♉43	10♒30	25♓31	27♋26	26♋ 4	6♍52	n.a.	T 1
W 2	9 58 18	1°35'16	28°35	28°35	26°21	6°33	21°13	12♎46	10°46	10°33	25°32	27°R26	26° 1	6°58	n.a.	W 2
T 3	10 2 15	2°34'01	13♒28	0♓38	27°32	6°53	21°27	12°44	10°48	10°35	25°33	27°25	25°57	7° 5	n.a.	T 3
F 4	10 6 11	3°32'44	28°36	2°42	28°44	7°13	21°41	12°41	10°51	10°37	25°35	27°23	25°54	7°12	n.a.	F 4
S 5	10 10 8	4°31'25	13♓52	4°47	29°56	7°33	21°55	12°38	10°53	10°39	25°36	27°18	25°51	7°18	n.a.	S 5
S 6	10 14 4	5°30'03	29° 4	6°52	1♒ 7	7°52	22° 9	12°35	10°55	10°41	25°37	27°13	25°48	7°25	n.a.	S 6
M 7	10 18 1	6°28'39	14♈ 2	8°58	2°19	8°11	22°23	12°32	10°58	10°43	25°38	27° 7	25°45	7°32	n.a.	M 7
T 8	10 21 57	7°27'14	28°38	11° 5	3°31	8°29	22°37	12°28	11° 0	10°45	25°40	27° 2	25°42	7°38	n.a.	T 8
W 9	10 25 54	8°25'45	12♉48	13°11	4°43	8°47	22°51	12°25	11° 2	10°47	25°41	26°58	25°38	7°45	n.a.	W 9
T 10	10 29 50	9°24'15	26°29	15°18	5°55	9° 5	23° 5	12°22	11° 4	10°49	25°42	26°55	25°35	7°52	n.a.	T 10
F 11	10 33 47	10°22'42	9♊43	17°24	7° 7	9°22	23°19	12°19	11° 7	10°51	25°44	26°D54	25°32	7°58	n.a.	F 11
S 12	10 37 43	11°21'07	22°32	19°29	8°18	9°38	23°33	12°15	11° 9	10°53	25°45	26°55	25°29	8° 5	n.a.	S 12
S 13	10 41 40	12°19'30	5♋ 1	21°34	9°30	9°55	23°47	12°12	11°11	10°55	25°46	26°56	25°26	8°12	n.a.	S 13
M14	10 45 37	13°17'51	17°14	23°37	10°42	10°10	24° 1	12° 8	11°13	10°57	25°48	26°57	25°23	8°18	n.a.	M14
T 15	10 49 33	14°16'09	29°15	25°38	11°54	10°25	24°15	12° 4	11°15	10°59	25°49	26°R58	25°19	8°25	n.a.	T 15
W16	10 53 30	15°14'25	11♌ 9	27°38	13° 6	10°40	24°29	12° 1	11°17	11° 1	25°50	26°57	25°16	8°32	n.a.	W16
T 17	10 57 26	16°12'39	22°59	29°35	14°18	10°54	24°44	11°57	11°19	11° 3	25°52	26°53	25°13	8°39	n.a.	T 17
F 18	11 1 23	17°10'51	4♍49	1♈29	15°30	11° 8	24°58	11°53	11°21	11° 5	25°53	26°48	25°10	8°45	n.a.	F 18
S 19	11 5 19	18° 9'01	16°39	3°21	16°42	11°21	25°12	11°49	11°22	11° 7	25°55	26°40	25° 7	8°52	n.a.	S 19
S 20	11 9 16	19° 7'09	28°32	5° 9	17°54	11°33	25°26	11°46	11°24	11° 9	25°56	26°31	25° 3	8°59	n.a.	S 20
M21	11 13 12	20° 5'15	10♎30	6°55	19° 6	11°45	25°40	11°42	11°26	11°11	25°57	26°21	25° 0	9° 5	n.a.	M21
T 22	11 17 9	21° 3'20	22°34	8°36	20°18	11°56	25°54	11°38	11°28	11°13	25°59	26°11	24°57	9°12	n.a.	T 22
W23	11 21 5	22° 1'23	4♏46	10°14	21°31	12° 7	26° 9	11°34	11°29	11°15	26° 0	26° 2	24°54	9°19	n.a.	W23
T 24	11 25 2	22°59'24	17° 8	11°49	22°43	12°17	26°23	11°30	11°31	11°16	26° 1	25°54	24°51	9°25	n.a.	T 24
F 25	11 28 59	23°57'24	29°42	13°19	23°55	12°27	26°37	11°26	11°32	11°18	26° 3	25°49	24°48	9°32	n.a.	F 25
S 26	11 32 55	24°55'22	12♐32	14°46	25° 7	12°36	26°51	11°21	11°34	11°20	26° 4	25°46	24°44	9°39	n.a.	S 26
S 27	11 36 52	25°53'19	25°40	16° 8	26°19	12°44	27° 5	11°17	11°36	11°22	26° 6	25°D46	24°41	9°45	n.a.	S 27
M28	11 40 48	26°51'14	9♉ 9	17°26	27°31	12°52	27°20	11°13	11°37	11°24	26° 7	25°46	24°38	9°52	n.a.	M28
T 29	11 44 45	27°49'08	23° 2	18°40	28°44	12°59	27°34	11° 9	11°38	11°25	26° 8	25°R47	24°35	9°59	n.a.	T 29
W30	11 48 41	28°47'01	7♒20	19°49	29°56	13° 5	27°48	11° 5	11°40	11°27	26°10	25°46	24°32	10° 5	n.a.	W30
T 31	11 52 38	29♓44'52	22♒ 1	20♈54	1♓ 8	13♏11	28♓ 2	11♎ 0	11♉41	11♒29	26♓11	25♋44	24♋29	10♍12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s26	21s52	1n13	14s17	1s31	21s53	0s27	12s21	1n32	4s44	1s12	2s38	2n44	23s53	0s30	18s54	1s 3	16s37	16s14	21n 1	21n17	12n15			n.a.
W 2	11 5	20 53	0s 6	13 28	1 24	21 42	0 30	12 29	1 32	4 38	1 12	2 36	2 44	23 52	0 30	18 54	1 3	16 37	16 14	21 1	21 17	12 13			n.a.
T 3	10 44	18 26	1 26	12 37	1 17	21 31	0 32	12 36	1 31	4 32	1 12	2 35	2 45	23 52	0 30	18 53	1 3	16 36	16 14	21 1	21 18	12 11			n.a.
F 4	10 22	14 40	2 42	11 45	1 9	21 19	0 35	12 44	1 30	4 27	1 12	2 34	2 45	23 52	0 30	18 52	1 3	16 36	16 14	21 1	21 18	12 9			n.a.
S 5	10 0	9 55	3 46	10 51	1 1	21 7	0 38	12 51	1 29	4 21	1 12	2 33	2 45	23 52	0 30	18 52	1 3	16 35	16 14	21 2	21 19	12 7			n.a.
S 6	9 39	4 33	4 34	9 56	0 52	20 54	0 41	12 58	1 28	4 15	1 11	2 31	2 45	23 52	0 30	18 51	1 3	16 34	16 13	21 3	21 20	12 5			n.a.
M 7	9 17	0n59	5 2	8 59	0 43	20 40	0 44	13 6	1 27	4 10	1 11	2 30	2 45	23 51	0 30	18 51	1 3	16 34	16 13	21 4	21 20	12 4			n.a.
T 8	8 55	6 20	5 10	8 2	0 33	20 26	0 46	13 13	1 26	4 4	1 11	2 28	2 45	23 51	0 30	18 50	1 4	16 33	16 13	21 5	21 21	12 2			n.a.
W 9	8 32	11 11	4 59	7 4	0 23	20 11	0 49	13 19	1 25	3 58	1 11	2 27	2 46	23 51	0 30	18 50	1 4	16 32	16 13	21 6	21 21	12 0			n.a.
T 10	8 10	15 18	4 30	6 4	0 12	19 56	0 51	13 26	1 24	3 52	1 11	2 26	2 46	23 51	0 30	18 49	1 4	16 32	16 13	21 7	21 22	11 58			n.a.
F 11	7 48	18 30	3 48	5 5	0 2	19 40	0 54	13 33	1 22	3 47	1 11	2 24	2 46	23 51	0 30	18 48	1 4	16 31	16 13	21 7	21 23	11 56			n.a.
S 12	7 25	20 41	2 56	4 5	0n 9	19 23	0 56	13 39	1 21	3 41	1 11	2 23	2 46	23 51	0 30	18 48	1 4	16 30	16 13	21 7	21 23	11 54			n.a.
S 13	7 3	21 48	1 56	3 5	0 21	19 6	0 59	13 45	1 20	3 35	1 11	2 21	2 46	23 51	0 30	18 47	1 4	16 30	16 13	21 7	21 24	11 52			n.a.
M14	6 40	21 50	0 53	2 5	0 32	18 49	1 1	13 52	1 19	3 30	1 11	2 20	2 46	23 50	0 30	18 47	1 4	16 29	16 13	21 6	21 24	11 50			n.a.
T 15	6 17	20 50	0n12	1 6	0 43	18 30	1 3	13 58	1 17	3 24	1 11	2 18	2 46	23 50	0 30	18 46	1 4	16 29	16 12	21 6	21 25	11 48			n.a.
W16	5 54	18 55	1 16	0 8	0 54	18 12	1 5	14 4	1 16	3 18	1 11	2 17	2 46	23 50	0 30	18 46	1 4	16 28	16 12	21 6	21 26	11 46			n.a.
T 17	5 32	16 12	2 16	0n49	1 5	17 53	1 7	14 9	1 15	3 12	1 11	2 15	2 47	23 50	0 30	18 45	1 4	16 27	16 12	21 7	21 26	11 44			n.a.
F 18	5 9	12 50	3 9	1 46	1 16	17 33	1 9	14 15	1 13	3 7	1 11	2 13	2 47	23 50	0 30	18 45	1 4	16 27	16 12	21 8	21 27	11 42			n.a.
S 19	4 45	8 57	3 55	2 40	1 27	17 13	1 11	14 20	1 12	3 1	1 10	2 12	2 47	23 50	0 30	18 44	1 4	16 26	16 12	21 10	21 27	11 40			n.a.
S 20	4 22	4 43	4 30	3 33	1 37	16 52	1 13	14 26	1 10	2 55	1 10	2 10	2 47	23 50	0 30	18 44	1 4	16 25	16 12	21 11	21 28	11 38			n.a.
M21	3 59	0 16	4 54	4 25	1 46	16 31	1 15	14 31	1 9	2 49	1 10	2 8	2 47	23 49	0 30	18 43	1 4	16 25	16 12	21 13	21 29	11 36			n.a.
T 22	3 36	4s13	5 5	5 14	1 56	16 10	1 17	14 36	1 7	2 43	1 10	2 7	2 47	23 49	0 30	18 43	1 4	16 24	16 12	21 15	21 29	11 34			n.a.
W23	3 13	8 35	5 2	6 1	2 4	15 48	1 19	14 41	1 5	2 38	1 10	2 5	2 47	23 49	0 30	18 42	1 4	16 24	16 12	21 17	21 30	11 32			n.a.
T 24	2 50	12 40	4 45	6 46	2 12	15 26	1 20	14 46	1 4	2 32	1 10	2 3	2 47	23 49	0 30	18 42	1 4	16 23	16 12	21 18	21 30	11 30			n.a.
F 25	2 26	16 17	4 14	7 29	2 20	15 3	1 22	14 51	1 2	2 26	1 10	2 2	2 47	23 49	0 30	18 41	1 4	16 23	16 12	21 19	21 31	11 28			n.a.
S 26	2 3	19 12	3 30	8 9	2 26	14 40	1 23	14 55	1 0	2 20	1 10	2 0	2 47	23 49	0 30	18 41	1 4	16 22	16 12	21 20	21 31	11 26			n.a.
S 27	1 40	21 12	2 34	8 47	2 32	14 16	1 24	14 59	0 58	2 15	1 10	1 58	2 47	23 49	0 30	18 40	1 4	16 21	16 12	21 20	21 32	11 24			n.a.
M28	1 16	22 3	1 28	9 22	2 37	13 52	1 26	15 4	0 56	2 9	1 10	1 57	2 48	23 49	0 30	18 40	1 4	16 21	16 12	21 20	21 33	11 22			n.a.
T 29	0 53	21 35	0 15	9 54	2 42	13 28	1 27	15 8	0 54	2 3	1 10	1 55	2 48	23 49	0 30	18 40	1 4	16 20	16 12	21 20	21 33	11 20			n.a.
W30	0 29	19 43	1s 1	10 24	2 45	13 3	1 28	15 12	0 52	1 57	1 10	1 53	2 48	23 49	0 30	18 39	1 4	16 20	16 12	21 20	21 34	11 18			n.a.
T 31	0s 6	16s31	2s15	10n52	2n47	12s38	1s29	15s15	0n50	1s52	1s10	1s51	2n48	23s48	0s30	18s39	1s 4	16s19	16s12	21n20	21n34	11n16			n.a.

Julian Day Number = 1316420.5, Delta T = 07h36m53s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'55, Lahiri = -19°15'54 Julian Calendar 1 March 1109 BCE == Greg. Calendar 19 Feb. 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

APRIL 1109 BCE (-1108) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 56 34	0♈42'42	7♓ 0	21♈54	2♓20	13♏16	28♓16	10°R56	11♑42	11♒30	26♓12	25°R39	24♋25	10♍19	n.a.	F 1
S 2	12 0 31	1°40'30	22°11	22°50	3°33	13°20	28°31	10♎52	11°44	11°32	26°14	25♋32	24°22	10°25	n.a.	S 2
S 3	12 4 28	2°38'17	7♈22	23°42	4°45	13°23	28°45	10°47	11°45	11°33	26°15	25°22	24°19	10°32	n.a.	S 3
M 4	12 8 24	3°36'02	22°24	24°28	5°57	13°26	28°59	10°43	11°46	11°35	26°16	25°12	24°16	10°39	n.a.	M 4
T 5	12 12 21	4°33'45	7♉ 8	25°10	7°10	13°28	29°13	10°38	11°47	11°37	26°18	25° 3	24°13	10°46	n.a.	T 5
W 6	12 16 17	5°31'27	21°25	25°47	8°22	13°29	29°27	10°34	11°48	11°38	26°19	24°55	24° 9	10°52	n.a.	W 6
T 7	12 20 14	6°29'07	5♊13	26°19	9°34	13°R30	29°41	10°30	11°49	11°40	26°21	24°49	24° 6	10°59	n.a.	T 7
F 8	12 24 10	7°26'46	18°32	26°47	10°47	13°30	29°56	10°25	11°50	11°41	26°22	24°45	24° 3	11° 6	n.a.	F 8
S 9	12 28 7	8°24'23	1♋24	27° 9	11°59	13°29	0♈10	10°21	11°51	11°43	26°23	24°44	24° 0	11°12	n.a.	S 9
S 10	12 32 3	9°21'58	13°53	27°27	13°12	13°27	0°24	10°16	11°52	11°44	26°25	24°D44	23°57	11°19	n.a.	S 10
M11	12 36 0	10°19'32	26° 5	27°40	14°24	13°25	0°38	10°12	11°52	11°45	26°26	24°R44	23°54	11°26	n.a.	M11
T 12	12 39 57	11°17'04	8♌ 4	27°47	15°37	13°22	0°52	10° 7	11°53	11°47	26°27	24°43	23°50	11°32	n.a.	T 12
W13	12 43 53	12°14'34	19°56	27°R50	16°49	13°18	1° 6	10° 3	11°54	11°48	26°29	24°41	23°47	11°39	n.a.	W13
T 14	12 47 50	13°12'03	1♍44	27°48	18° 2	13°13	1°20	9°59	11°54	11°49	26°30	24°36	23°44	11°46	n.a.	T 14
F 15	12 51 46	14° 9'30	13°34	27°42	19°14	13° 8	1°34	9°54	11°55	11°51	26°31	24°28	23°41	11°52	n.a.	F 15
S 16	12 55 43	15° 6'56	25°27	27°31	20°26	13° 2	1°48	9°50	11°56	11°52	26°33	24°18	23°38	11°59	n.a.	S 16
S 17	12 59 39	16° 4'21	7♎26	27°16	21°39	12°55	2° 2	9°45	11°56	11°53	26°34	24° 6	23°34	12° 6	n.a.	S 17
M18	13 3 36	17° 1'44	19°33	26°58	22°52	12°48	2°16	9°41	11°57	11°54	26°35	23°52	23°31	12°12	n.a.	M18
T 19	13 7 32	17°59'06	1♏48	26°35	24° 4	12°39	2°30	9°37	11°57	11°56	26°37	23°39	23°28	12°19	n.a.	T 19
W20	13 11 29	18°56'28	14°12	26°10	25°17	12°30	2°44	9°32	11°57	11°57	26°38	23°27	23°25	12°26	n.a.	W20
T 21	13 15 25	19°53'48	26°47	25°42	26°29	12°21	2°58	9°28	11°58	11°58	26°39	23°17	23°22	12°33	n.a.	T 21
F 22	13 19 22	20°51'08	9♐32	25°12	27°42	12°10	3°11	9°24	11°58	11°59	26°40	23°10	23°19	12°39	n.a.	F 22
S 23	13 23 19	21°48'27	22°30	24°40	28°54	11°59	3°25	9°19	11°58	12° 0	26°42	23° 5	23°15	12°46	n.a.	S 23
S 24	13 27 15	22°45'45	5♑42	24° 7	0♈ 7	11°47	3°39	9°15	11°58	12° 1	26°43	23° 3	23°12	12°53	n.a.	S 24
M25	13 31 12	23°43'02	19°11	23°33	1°20	11°35	3°53	9°11	11°58	12° 2	26°44	23° 3	23° 9	12°59	n.a.	M25
T 26	13 35 8	24°40'19	2♒58	22°59	2°32	11°22	4° 7	9° 7	11°58	12° 3	26°45	23° 3	23° 6	13° 6	n.a.	T 26
W27	13 39 5	25°37'35	17° 4	22°26	3°45	11° 8	4°20	9° 2	11°R58	12° 4	26°47	23° 2	23° 3	13°13	n.a.	W27
T 28	13 43 1	26°34'51	1♓29	21°54	4°58	10°54	4°34	8°58	11°58	12° 5	26°48	22°59	23° 0	13°19	n.a.	T 28
F 29	13 46 58	27°32'06	16°11	21°24	6°11	10°39	4°47	8°54	11°58	12° 6	26°49	22°53	22°56	13°26	n.a.	F 29
S 30	13 50 55	28♈29'20	1♈ 3	20♈56	7♈23	10♏24	5♈ 1	8♎50	11♑58	12♒ 7	26♓50	22♋45	22♋53	13♍33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n17	12s11	3s21	11n16	2n49	12s13	1s30	15s19	0n48	1s46	1s10	1s50	2n48	23s48	0s30	18s38	1s 4	16s19	16s12	21n21	21n35	11n14		n.a.
S 2	0 41	7 1	4 14	11 38	2 50	11 47	1 31	15 22	0 45	1 40	1 10	1 48	2 48	23 48	0 30	18 38	1 4	16 18	16 12	21 23	21 35	11 12		n.a.
S 3	1 4	1 26	4 48	11 58	2 49	11 21	1 32	15 26	0 43	1 34	1 10	1 46	2 48	23 48	0 30	18 37	1 4	16 17	16 12	21 24	21 36	11 10		n.a.
M 4	1 27	4n11	5 2	12 14	2 48	10 55	1 33	15 29	0 41	1 28	1 10	1 44	2 48	23 48	0 30	18 37	1 4	16 17	16 12	21 26	21 37	11 8		n.a.
T 5	1 50	9 27	4 56	12 27	2 46	10 28	1 34	15 32	0 38	1 23	1 10	1 43	2 48	23 48	0 31	18 37	1 4	16 16	16 12	21 28	21 37	11 6		n.a.
W 6	2 14	14 3	4 31	12 38	2 43	10 1	1 34	15 35	0 36	1 17	1 10	1 41	2 48	23 48	0 31	18 36	1 4	16 16	16 12	21 30	21 38	11 4		n.a.
T 7	2 37	17 43	3 51	12 46	2 38	9 34	1 35	15 37	0 33	1 11	1 10	1 39	2 48	23 48	0 31	18 36	1 4	16 15	16 12	21 31	21 38	11 2		n.a.
F 8	3 0	20 20	3 0	12 51	2 33	9 6	1 35	15 40	0 31	1 6	1 10	1 37	2 48	23 48	0 31	18 35	1 5	16 15	16 12	21 31	21 39	11 0		n.a.
S 9	3 23	21 48	2 1	12 53	2 26	8 39	1 36	15 42	0 28	1 0	1 10	1 36	2 48	23 48	0 31	18 35	1 5	16 14	16 12	21 31	21 39	10 58		n.a.
S 10	3 46	22 8	0 57	12 53	2 19	8 11	1 36	15 44	0 25	0 54	1 10	1 34	2 48	23 48	0 31	18 35	1 5	16 14	16 12	21 32	21 40	10 56		n.a.
M11	4 9	21 23	0n 7	12 49	2 10	7 43	1 36	15 46	0 22	0 48	1 10	1 32	2 48	23 48	0 31	18 34	1 5	16 13	16 12	21 31	21 41	10 54		n.a.
T 12	4 32	19 40	1 10	12 43	2 0	7 15	1 37	15 48	0 19	0 43	1 10	1 30	2 48	23 48	0 31	18 34	1 5	16 13	16 12	21 32	21 41	10 52		n.a.
W13	4 55	17 7	2 9	12 34	1 49	6 46	1 37	15 49	0 16	0 37	1 10	1 29	2 48	23 48	0 31	18 34	1 5	16 12	16 12	21 32	21 42	10 50		n.a.
T 14	5 18	13 52	3 3	12 23	1 38	6 17	1 37	15 51	0 13	0 31	1 10	1 27	2 48	23 48	0 31	18 33	1 5	16 12	16 12	21 33	21 42	10 48		n.a.
F 15	5 40	10 4	3 48	12 8	1 25	5 48	1 37	15 52	0 10	0 26	1 10	1 25	2 48	23 48	0 31	18 33	1 5	16 11	16 12	21 34	21 43	10 45		n.a.
S 16	6 3	5 51	4 24	11 52	1 11	5 19	1 37	15 53	0 7	0 20	1 10	1 23	2 48	23 48	0 31	18 33	1 5	16 11	16 12	21 36	21 43	10 43		n.a.
S 17	6 25	1 24	4 48	11 33	0 57	4 50	1 37	15 54	0 4	0 14	1 10	1 22	2 48	23 48	0 31	18 32	1 5	16 11	16 13	21 38	21 44	10 41		n.a.
M18	6 48	3s10	4 59	11 12	0 42	4 21	1 36	15 55	0 1	0 9	1 10	1 20	2 48	23 48	0 31	18 32	1 5	16 10	16 13	21 41	21 44	10 39		n.a.
T 19	7 10	7 39	4 57	10 49	0 26	3 51	1 36	15 56	0s 3	0 3	1 10	1 18	2 48	23 48	0 31	18 32	1 5	16 10	16 13	21 43	21 45	10 37		n.a.
W20	7 32	11 53	4 41	10 24	0 9	3 22	1 36	15 56	0 6	0n 2	1 10	1 17	2 47	23 48	0 31	18 31	1 5	16 9	16 13	21 45	21 46	10 35		n.a.
T 21	7 54	15 41	4 11	9 58	0s 7	2 52	1 35	15 56	0 9	0 8	1 10	1 15	2 47	23 48	0 31	18 31	1 5	16 9	16 13	21 47	21 46	10 33		n.a.
F 22	8 16	18 49	3 28	9 31	0 24	2 22	1 35	15 56	0 13	0 14	1 10	1 13	2 47	23 48	0 31	18 31	1 5	16 8	16 13	21 48	21 47	10 31		n.a.
S 23	8 38	21 3	2 34	9 4	0 41	1 53	1 34	15 56	0 16	0 19	1 10	1 12	2 47	23 48	0 31	18 31	1 5	16 8	16 13	21 49	21 47	10 29		n.a.
S 24	9 0	22 12	1 30	8 36	0 59	1 23	1 34	15 56	0 20	0 25	1 10	1 10	2 47	23 48	0 31	18 30	1 5	16 8	16 13	21 49	21 48	10 27		n.a.
M25	9 21	22 6	0 20	8 7	1 15	0 53	1 33	15 56	0 24	0 30	1 10	1 9	2 47	23 48	0 31	18 30	1 5	16 7	16 13	21 49	21 48	10 25		n.a.
T 26	9 42	20 39	0s52	7 40	1 32	0 23	1 32	15 55	0 27	0 36	1 10	1 7	2 47	23 48	0 31	18 30	1 5	16 7	16 14	21 49	21 49	10 23		n.a.
W27	10 4	17 56	2 3	7 12	1 48	0n 7	1 31	15 54	0 31	0 41	1 10	1 5	2 47	23 48	0 31	18 30	1 5	16 7	16 14	21 50	21 49	10 20		n.a.
T 28	10 25	14 2	3 8	6 46	2 3	0 37	1 30	15 53	0 35	0 47	1 10	1 4	2 47	23 48	0 31	18 30	1 5	16 6	16 14	21 50	21 50	10 18		n.a.
F 29	10 46	9 14	4 2	6 21	2 18	1 8	1 29	15 52	0 39	0 52	1 10	1 2	2 47	23 48	0 31	18 29	1 5	16 6	16 14	21 51	21 50	10 16		n.a.
S 30	11n 7	3s50	4s40	5n58	2s31	1n38	1s28	15s51	0s42	0n58	1s10	1s 1	2n46	23s48	0s31	18s29	1s 5	16s 5	16s14	21n52	21n51	10n14		n.a.

Julian Day Number = 1316451.5, Delta T = 07h36m51s
Ecliptic obliquity = 23°49'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'50, Lahiri = -19°15'50 Julian Calendar 1 Apr. 1109 BCE == Greg. Calendar 21 March 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

MAY 1109 BCE (-1108) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 51	29♈26'34	15♈59	20°R31	8♈36	10°R 8	5♈15	8°R46	11°R58	12♒ 7	26♓51	22°R35	22♋50	13♍39	n.a.	S 1
M 2	13 58 48	0♉23'47	0♉49	20♈ 9	9°49	9♏52	5°28	8♎42	11♑58	12° 8	26°53	22♋24	22°47	13°46	n.a.	M 2
T 3	14 2 44	1°20'59	15°24	19°50	11° 2	9°35	5°41	8°38	11°57	12° 9	26°54	22°14	22°44	13°53	n.a.	T 3
W 4	14 6 41	2°18'11	29°38	19°35	12°15	9°18	5°55	8°34	11°57	12°10	26°55	22° 4	22°40	14° 0	n.a.	W 4
T 5	14 10 37	3°15'22	13♊26	19°24	13°27	9° 1	6° 8	8°31	11°57	12°10	26°56	21°57	22°37	14° 6	n.a.	T 5
F 6	14 14 34	4°12'32	26°47	19°17	14°40	8°43	6°22	8°27	11°56	12°11	26°57	21°53	22°34	14°13	n.a.	F 6
S 7	14 18 30	5° 9'42	9♋41	19°D15	15°53	8°25	6°35	8°23	11°56	12°12	26°58	21°51	22°31	14°20	n.a.	S 7
S 8	14 22 27	6° 6'50	22°13	19°17	17° 6	8° 7	6°48	8°19	11°55	12°12	26°59	21°D50	22°28	14°26	n.a.	S 8
M 9	14 26 24	7° 3'58	4♌26	19°24	18°19	7°49	7° 1	8°16	11°55	12°13	27° 1	21°R50	22°25	14°33	n.a.	M 9
T 10	14 30 20	8° 1'05	16°27	19°35	19°32	7°30	7°14	8°12	11°54	12°13	27° 2	21°50	22°21	14°40	n.a.	T 10
W11	14 34 17	8°58'11	28°19	19°51	20°45	7°12	7°27	8° 9	11°53	12°14	27° 3	21°48	22°18	14°46	n.a.	W11
T 12	14 38 13	9°55'17	10♍ 9	20°11	21°58	6°53	7°40	8° 5	11°53	12°14	27° 4	21°45	22°15	14°53	n.a.	T 12
F 13	14 42 10	10°52'22	22° 1	20°36	23°11	6°35	7°53	8° 2	11°52	12°15	27° 5	21°38	22°12	15° 0	n.a.	F 13
S 14	14 46 6	11°49'27	3♎58	21° 5	24°24	6°16	8° 6	7°59	11°51	12°15	27° 6	21°30	22° 9	15° 6	n.a.	S 14
S 15	14 50 3	12°46'31	16° 4	21°39	25°37	5°58	8°19	7°55	11°50	12°16	27° 7	21°19	22° 5	15°13	n.a.	S 15
M16	14 53 59	13°43'34	28°21	22°18	26°50	5°40	8°32	7°52	11°50	12°16	27° 8	21° 8	22° 2	15°20	n.a.	M16
T 17	14 57 56	14°40'38	10♏49	23° 0	28° 3	5°22	8°45	7°49	11°49	12°16	27° 9	20°56	21°59	15°27	n.a.	T 17
W18	15 1 53	15°37'41	23°30	23°47	29°16	5° 4	8°57	7°46	11°48	12°16	27°10	20°45	21°56	15°33	n.a.	W18
T 19	15 5 49	16°34'44	6♐22	24°39	0♉29	4°47	9°10	7°43	11°47	12°17	27°11	20°37	21°53	15°40	n.a.	T 19
F 20	15 9 46	17°31'47	19°26	25°34	1°42	4°29	9°23	7°40	11°46	12°17	27°12	20°30	21°50	15°47	n.a.	F 20
S 21	15 13 42	18°28'51	2♑41	26°34	2°55	4°13	9°35	7°37	11°44	12°17	27°13	20°27	21°46	15°53	n.a.	S 21
S 22	15 17 39	19°25'54	16° 8	27°37	4° 8	3°56	9°47	7°34	11°43	12°17	27°14	20°D26	21°43	16° 0	n.a.	S 22
M23	15 21 35	20°22'58	29°46	28°45	5°21	3°40	10° 0	7°32	11°42	12°17	27°15	20°26	21°40	16° 7	n.a.	M23
T 24	15 25 32	21°20'01	13♒36	29°56	6°35	3°25	10°12	7°29	11°41	12°17	27°15	20°26	21°37	16°13	n.a.	T 24
W25	15 29 29	22°17'06	27°39	1♉12	7°48	3°10	10°24	7°27	11°40	12°17	27°16	20°R26	21°34	16°20	n.a.	W25
T 26	15 33 25	23°14'10	11♓53	2°31	9° 1	2°55	10°37	7°24	11°38	12°R17	27°17	20°25	21°31	16°27	n.a.	T 26
F 27	15 37 22	24°11'15	26°17	3°54	10°14	2°42	10°49	7°22	11°37	12°17	27°18	20°21	21°27	16°34	n.a.	F 27
S 28	15 41 18	25° 8'20	10♈47	5°20	11°28	2°28	11° 1	7°20	11°36	12°17	27°19	20°16	21°24	16°40	n.a.	S 28
S 29	15 45 15	26° 5'26	25°18	6°51	12°41	2°16	11°13	7°17	11°34	12°17	27°20	20° 8	21°21	16°47	n.a.	S 29
M30	15 49 11	27° 2'32	9♉44	8°25	13°54	2° 4	11°24	7°15	11°33	12°17	27°20	20° 0	21°18	16°54	n.a.	M30
T 31	15 53 8	27♉59'39	23♉59	10♉ 2	15♉ 8	1♏53	11♈36	7♎13	11♑31	12♒17	27♓21	19♋52	21♋15	17♍ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n27	1n48	4s59	5n37	2s44	2n 8	1s27	15s49	0s46	1n 3	1s10	0s59	2n46	23s48	0s31	18s29	1s 6	16s 5	16s14	21n54	21n51	10n12			n.a.
M 2	11 48	7 18	4 57	5 18	2 56	2 38	1 26	15 48	0 50	1 8	1 10	0 58	2 46	23 48	0 31	18 29	1 6	16 5	16 14	21 56	21 52	10 10			n.a.
T 3	12 8	12 18	4 37	5 1	3 6	3 8	1 25	15 46	0 54	1 14	1 10	0 56	2 46	23 48	0 31	18 29	1 6	16 4	16 15	21 58	21 53	10 8			n.a.
W 4	12 28	16 30	3 59	4 47	3 15	3 38	1 24	15 44	0 58	1 19	1 10	0 55	2 46	23 48	0 31	18 28	1 6	16 4	16 15	21 59	21 53	10 6			n.a.
T 5	12 48	19 40	3 8	4 35	3 24	4 8	1 22	15 42	1 2	1 24	1 10	0 54	2 46	23 48	0 32	18 28	1 6	16 4	16 15	22 0	21 54	10 4			n.a.
F 6	13 8	21 39	2 9	4 26	3 30	4 38	1 21	15 40	1 6	1 30	1 10	0 52	2 46	23 48	0 32	18 28	1 6	16 4	16 15	22 1	21 54	10 1			n.a.
S 7	13 27	22 24	1 4	4 19	3 36	5 8	1 20	15 38	1 10	1 35	1 10	0 51	2 46	23 48	0 32	18 28	1 6	16 3	16 15	22 1	21 55	9 59			n.a.
S 8	13 46	22 0	0n 2	4 16	3 41	5 37	1 18	15 36	1 14	1 40	1 10	0 50	2 45	23 48	0 32	18 28	1 6	16 3	16 16	22 1	21 55	9 57			n.a.
M 9	14 6	20 32	1 6	4 15	3 44	6 7	1 17	15 33	1 17	1 46	1 10	0 48	2 45	23 48	0 32	18 28	1 6	16 3	16 16	22 1	21 56	9 55			n.a.
T 10	14 24	18 10	2 7	4 18	3 47	6 36	1 15	15 31	1 21	1 51	1 10	0 47	2 45	23 49	0 32	18 28	1 6	16 2	16 16	22 1	21 56	9 53			n.a.
W11	14 43	15 4	3 1	4 22	3 48	7 6	1 14	15 28	1 25	1 56	1 10	0 46	2 45	23 49	0 32	18 28	1 6	16 2	16 16	22 2	21 57	9 51			n.a.
T 12	15 1	11 22	3 47	4 30	3 48	7 35	1 12	15 26	1 29	2 1	1 10	0 45	2 45	23 49	0 32	18 27	1 6	16 2	16 16	22 2	21 57	9 49			n.a.
F 13	15 20	7 14	4 23	4 40	3 47	8 4	1 10	15 23	1 33	2 6	1 10	0 43	2 45	23 49	0 32	18 27	1 6	16 2	16 17	22 3	21 58	9 46			n.a.
S 14	15 38	2 48	4 48	4 53	3 45	8 33	1 8	15 21	1 37	2 11	1 10	0 42	2 44	23 49	0 32	18 27	1 6	16 2	16 17	22 5	21 58	9 44			n.a.
S 15	15 55	1s48	5 1	5 9	3 42	9 2	1 7	15 18	1 40	2 16	1 10	0 41	2 44	23 49	0 32	18 27	1 6	16 1	16 17	22 6	21 59	9 42			n.a.
M16	16 13	6 24	5 0	5 27	3 38	9 30	1 5	15 15	1 44	2 22	1 11	0 40	2 44	23 49	0 32	18 27	1 6	16 1	16 17	22 8	21 59	9 40			n.a.
T 17	16 30	10 49	4 44	5 47	3 34	9 58	1 3	15 13	1 48	2 27	1 11	0 39	2 44	23 49	0 32	18 27	1 6	16 1	16 17	22 10	22 0	9 38			n.a.
W18	16 47	14 50	4 15	6 9	3 29	10 26	1 1	15 10	1 51	2 32	1 11	0 38	2 44	23 49	0 32	18 27	1 6	16 1	16 18	22 12	22 0	9 36			n.a.
T 19	17 4	18 14	3 32	6 34	3 22	10 54	0 59	15 7	1 55	2 37	1 11	0 37	2 43	23 49	0 32	18 27	1 6	16 1	16 18	22 13	22 1	9 33			n.a.
F 20	17 20	20 47	2 37	7 1	3 16	11 22	0 57	15 5	1 59	2 41	1 11	0 36	2 43	23 50	0 32	18 27	1 6	16 0	16 18	22 14	22 1	9 31			n.a.
S 21	17 36	22 15	1 33	7 29	3 8	11 49	0 55	15 2	2 2	2 46	1 11	0 35	2 43	23 50	0 32	18 27	1 6	16 0	16 18	22 14	22 2	9 29			n.a.
S 22	17 52	22 27	0 23	8 0	3 0	12 16	0 53	15 0	2 5	2 51	1 11	0 34	2 43	23 50	0 32	18 27	1 7	16 0	16 19	22 15	22 2	9 27			n.a.
M23	18 8	21 20	0s50	8 33	2 51	12 43	0 51	14 57	2 9	2 56	1 11	0 33	2 43	23 50	0 32	18 27	1 7	16 0	16 19	22 15	22 3	9 25			n.a.
T 24	18 23	18 56	2 1	9 7	2 42	13 10	0 49	14 55	2 12	3 1	1 11	0 32	2 42	23 50	0 32	18 27	1 7	16 0	16 19	22 15	22 4	9 23			n.a.
W25	18 38	15 23	3 5	9 42	2 32	13 36	0 46	14 53	2 15	3 6	1 11	0 32	2 42	23 50	0 32	18 27	1 7	16 0	16 19	22 15	22 4	9 20			n.a.
T 26	18 53	10 54	4 0	10 20	2 22	14 2	0 44	14 51	2 18	3 11	1 11	0 31	2 42	23 50	0 32	18 27	1 7	16 0	16 20	22 15	22 5	9 18			n.a.
F 27	19 7	5 46	4 39	10 58	2 11	14 28	0 42	14 49	2 21	3 15	1 11	0 30	2 42	23 51	0 32	18 27	1 7	15 59	16 20	22 15	22 5	9 16			n.a.
S 28	19 21	0 17	5 2	11 38	2 0	14 53	0 40	14 47	2 24	3 20	1 11	0 29	2 41	23 51	0 32	18 27	1 7	15 59	16 20	22 16	22 6	9 14			n.a.
S 29	19 35	5n13	5 4	12 19	1 49	15 18	0 38	14 45	2 27	3 25	1 11	0 29	2 41	23 51	0 32	18 27	1 7	15 59	16 20	22 17	22 6	9 12			n.a.
M30	19 49	10 25	4 48	13 1	1 37	15 42	0 35	14 43	2 30	3 29	1 12	0 28	2 41	23 51	0 32	18 27	1 7	15 59	16 21	22 18	22 7	9 9			n.a.
T 31	20n 2	14n58	4s14	13n43	1s25	16n 7	0s33	14s42	2s33	3n34	1s12	0s27	2n41	23s51	0s32	18s28	1s 7	15s59	16s21	22n20	22n 7	9n 7			n.a.

Julian Day Number = 1316481.5, Delta T = 07h36m49s
Ecliptic obliquity = 23°49'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'46, Lahiri = -19°15'46 Julian Calendar 1 May 1109 BCE == Greg. Calendar 20 Apr. 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

JUNE 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 57 4	28♉56'46	7♊57	11♉43	16♉21	1°R42	11♈48	7°R11	11°R30	12°R17	27♓22	19°R45	21♋11	17♍ 7	n.a.	W 1
T 2	16 1 1	29°53'53	21°34	13°27	17°34	1♏32	12° 0	7♎10	11♑28	12♒17	27°23	19♋40	21° 8	17°14	n.a.	T 2
F 3	16 4 58	0♊51'00	4♋48	15°15	18°48	1°23	12°11	7° 8	11°27	12°16	27°23	19°37	21° 5	17°20	n.a.	F 3
S 4	16 8 54	1°48'08	17°40	17° 5	20° 1	1°15	12°23	7° 6	11°25	12°16	27°24	19°D36	21° 2	17°27	n.a.	S 4
S 5	16 12 51	2°45'16	0♌12	18°59	21°15	1° 8	12°34	7° 5	11°23	12°16	27°25	19°36	20°59	17°34	n.a.	S 5
M 6	16 16 47	3°42'24	12°26	20°55	22°28	1° 1	12°45	7° 3	11°22	12°16	27°25	19°38	20°56	17°41	n.a.	M 6
T 7	16 20 44	4°39'32	24°28	22°53	23°42	0°55	12°56	7° 2	11°20	12°15	27°26	19°39	20°52	17°47	n.a.	T 7
W 8	16 24 40	5°36'41	6♍22	24°54	24°55	0°50	13° 7	7° 0	11°18	12°15	27°27	19°R39	20°49	17°54	n.a.	W 8
T 9	16 28 37	6°33'49	18°14	26°56	26° 9	0°46	13°18	6°59	11°16	12°14	27°27	19°38	20°46	18° 1	n.a.	T 9
F 10	16 32 33	7°30'58	0♎ 8	29° 0	27°22	0°43	13°29	6°58	11°14	12°14	27°28	19°36	20°43	18° 7	n.a.	F 10
S 11	16 36 30	8°28'08	12° 8	1♊ 6	28°36	0°41	13°40	6°57	11°13	12°13	27°28	19°32	20°40	18°14	n.a.	S 11
S 12	16 40 27	9°25'18	24°19	3°12	29°49	0°39	13°51	6°56	11°11	12°13	27°29	19°26	20°37	18°21	n.a.	S 12
M13	16 44 23	10°22'28	6♏44	5°19	1♊ 3	0°D38	14° 2	6°55	11° 9	12°12	27°29	19°20	20°33	18°27	n.a.	M13
T 14	16 48 20	11°19'39	19°24	7°26	2°17	0°38	14°12	6°54	11° 7	12°12	27°30	19°13	20°30	18°34	n.a.	T 14
W15	16 52 16	12°16'51	2♐20	9°34	3°30	0°39	14°22	6°54	11° 5	12°11	27°30	19° 7	20°27	18°41	n.a.	W15
T 16	16 56 13	13°14'03	15°31	11°41	4°44	0°41	14°33	6°53	11° 3	12°10	27°31	19° 2	20°24	18°48	n.a.	T 16
F 17	17 0 9	14°11'17	28°57	13°48	5°58	0°44	14°43	6°53	11° 1	12°10	27°31	18°59	20°21	18°54	n.a.	F 17
S 18	17 4 6	15° 8'31	12♑36	15°54	7°12	0°47	14°53	6°52	10°59	12° 9	27°32	18°D58	20°17	19° 1	n.a.	S 18
S 19	17 8 3	16° 5'46	26°26	18° 0	8°25	0°51	15° 3	6°52	10°57	12° 8	27°32	18°58	20°14	19° 8	n.a.	S 19
M20	17 11 59	17° 3'03	10♒24	20° 4	9°39	0°56	15°13	6°52	10°54	12° 8	27°33	18°59	20°11	19°14	n.a.	M20
T 21	17 15 56	18° 0'20	24°29	22° 7	10°53	1° 2	15°23	6°D52	10°52	12° 7	27°33	19° 0	20° 8	19°21	n.a.	T 21
W22	17 19 52	18°57'39	8♓39	24° 9	12° 7	1° 9	15°33	6°52	10°50	12° 6	27°33	19° 2	20° 5	19°28	n.a.	W22
T 23	17 23 49	19°54'59	22°51	26°10	13°21	1°16	15°42	6°52	10°48	12° 5	27°34	19°R 2	20° 2	19°34	n.a.	T 23
F 24	17 27 45	20°52'20	7♈ 4	28° 9	14°35	1°24	15°52	6°52	10°46	12° 4	27°34	19° 1	19°58	19°41	n.a.	F 24
S 25	17 31 42	21°49'43	21°16	0♋ 7	15°48	1°33	16° 1	6°52	10°44	12° 3	27°34	18°59	19°55	19°48	n.a.	S 25
S 26	17 35 38	22°47'07	5♉22	2° 3	17° 2	1°43	16°10	6°53	10°41	12° 2	27°35	18°56	19°52	19°55	n.a.	S 26
M27	17 39 35	23°44'33	19°21	3°58	18°16	1°53	16°19	6°53	10°39	12° 2	27°35	18°52	19°49	20° 1	n.a.	M27
T 28	17 43 32	24°42'00	3♊ 9	5°52	19°30	2° 4	16°28	6°54	10°37	12° 1	27°35	18°49	19°46	20° 8	n.a.	T 28
W29	17 47 28	25°39'28	16°43	7°43	20°44	2°16	16°37	6°54	10°35	12° 0	27°35	18°46	19°43	20°15	n.a.	W29
T 30	17 51 25	26♊36'57	0♋ 0	9♋33	21♊58	2♏29	16♈46	6♎55	10♑32	11♒59	27♓35	18♋44	19♋39	20♍21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n15	18n37	3s25	14n26	1s13	16n30	0s31	14s41	2s35	3n38	1s12	0s27	2n40	23s51	0s32	18s28	1s 7	15s59	16s21	22n21	22n 8	9n 5		n.a.
T 2	20 27	21 8	2 25	15 10	1 1	16 54	0 28	14 40	2 38	3 43	1 12	0 26	2 40	23 51	0 32	18 28	1 7	15 59	16 21	22 21	22 8	9 3		n.a.
F 3	20 39	22 25	1 19	15 54	0 49	17 17	0 26	14 39	2 40	3 47	1 12	0 26	2 40	23 52	0 32	18 28	1 7	15 59	16 22	22 22	22 9	9 1		n.a.
S 4	20 51	22 28	0 10	16 37	0 37	17 39	0 24	14 38	2 43	3 52	1 12	0 25	2 40	23 52	0 32	18 28	1 7	15 59	16 22	22 22	22 9	8 58		n.a.
S 5	21 3	21 22	0n57	17 21	0 25	18 1	0 21	14 38	2 45	3 56	1 12	0 25	2 39	23 52	0 32	18 28	1 7	15 59	16 22	22 22	22 10	8 56		n.a.
M 6	21 14	19 16	2 0	18 4	0 13	18 23	0 19	14 37	2 47	4 1	1 12	0 25	2 39	23 52	0 32	18 28	1 7	15 59	16 23	22 22	22 10	8 54		n.a.
T 7	21 25	16 21	2 57	18 46	0 1	18 44	0 16	14 37	2 49	4 5	1 12	0 24	2 39	23 52	0 32	18 28	1 7	15 59	16 23	22 22	22 11	8 52		n.a.
W 8	21 35	12 48	3 46	19 28	0n10	19 5	0 14	14 37	2 52	4 9	1 12	0 24	2 39	23 53	0 32	18 29	1 7	15 59	16 23	22 22	22 11	8 49		n.a.
T 9	21 45	8 46	4 25	20 8	0 21	19 25	0 12	14 38	2 54	4 13	1 13	0 24	2 38	23 53	0 32	18 29	1 7	15 59	16 23	22 22	22 12	8 47		n.a.
F 10	21 55	4 24	4 52	20 46	0 31	19 44	0 9	14 38	2 55	4 18	1 13	0 24	2 38	23 53	0 33	18 29	1 7	15 59	16 24	22 22	22 12	8 45		n.a.
S 11	22 4	0s10	5 7	21 23	0 41	20 4	0 7	14 39	2 57	4 22	1 13	0 23	2 38	23 53	0 33	18 29	1 7	15 59	16 24	22 23	22 13	8 43		n.a.
S 12	22 13	4 48	5 9	21 58	0 51	20 22	0 4	14 40	2 59	4 26	1 13	0 23	2 38	23 53	0 33	18 29	1 8	15 59	16 24	22 24	22 13	8 40		n.a.
M13	22 22	9 20	4 56	22 30	0 59	20 40	0 2	14 42	3 1	4 30	1 13	0 23	2 37	23 53	0 33	18 29	1 8	15 59	16 25	22 24	22 13	8 38		n.a.
T 14	22 30	13 34	4 28	23 1	1 7	20 58	0n 1	14 43	3 2	4 34	1 13	0 23	2 37	23 54	0 33	18 30	1 8	15 59	16 25	22 25	22 14	8 36		n.a.
W15	22 38	17 16	3 47	23 29	1 15	21 15	0 3	14 45	3 4	4 38	1 13	0 23	2 37	23 54	0 33	18 30	1 8	15 59	16 25	22 26	22 14	8 34		n.a.
T 16	22 45	20 10	2 52	23 54	1 22	21 31	0 5	14 47	3 5	4 42	1 13	0 23	2 37	23 54	0 33	18 30	1 8	15 59	16 26	22 27	22 15	8 31		n.a.
F 17	22 52	22 2	1 47	24 16	1 28	21 47	0 8	14 49	3 7	4 46	1 14	0 23	2 36	23 54	0 33	18 30	1 8	16 0	16 26	22 27	22 15	8 29		n.a.
S 18	22 59	22 39	0 35	24 36	1 33	22 2	0 10	14 52	3 8	4 50	1 14	0 23	2 36	23 54	0 33	18 31	1 8	16 0	16 26	22 28	22 16	8 27		n.a.
S 19	23 5	21 52	0s41	24 54	1 38	22 16	0 12	14 54	3 9	4 53	1 14	0 23	2 36	23 55	0 33	18 31	1 8	16 0	16 27	22 28	22 16	8 25		n.a.
M20	23 11	19 45	1 55	25 8	1 41	22 30	0 15	14 57	3 10	4 57	1 14	0 24	2 36	23 55	0 33	18 31	1 8	16 0	16 27	22 27	22 17	8 22		n.a.
T 21	23 16	16 26	3 2	25 20	1 45	22 43	0 17	15 0	3 11	5 1	1 14	0 24	2 35	23 55	0 33	18 31	1 8	16 0	16 27	22 27	22 17	8 20		n.a.
W22	23 21	12 8	3 59	25 29	1 47	22 56	0 19	15 4	3 13	5 5	1 14	0 24	2 35	23 55	0 33	18 32	1 8	16 0	16 27	22 27	22 18	8 18		n.a.
T 23	23 26	7 10	4 41	25 35	1 49	23 8	0 22	15 7	3 14	5 8	1 14	0 24	2 35	23 55	0 33	18 32	1 8	16 0	16 28	22 27	22 18	8 16		n.a.
F 24	23 30	1 50	5 7	25 39	1 50	23 19	0 24	15 11	3 14	5 12	1 14	0 25	2 34	23 56	0 33	18 32	1 8	16 1	16 28	22 27	22 19	8 13		n.a.
S 25	23 34	3n36	5 13	25 40	1 50	23 30	0 26	15 15	3 15	5 15	1 15	0 25	2 34	23 56	0 33	18 32	1 8	16 1	16 28	22 27	22 19	8 11		n.a.
S 26	23 38	8 48	5 1	25 39	1 50	23 39	0 29	15 19	3 16	5 19	1 15	0 25	2 34	23 56	0 33	18 33	1 8	16 1	16 29	22 28	22 20	8 9		n.a.
M27	23 40	13 31	4 30	25 35	1 50	23 49	0 31	15 23	3 17	5 22	1 15	0 26	2 34	23 56	0 33	18 33	1 8	16 1	16 29	22 28	22 20	8 7		n.a.
T 28	23 43	17 27	3 45	25 30	1 48	23 57	0 33	15 28	3 18	5 26	1 15	0 26	2 33	23 56	0 33	18 33	1 8	16 1	16 29	22 29	22 21	8 4		n.a.
W29	23 45	20 23	2 47	25 22	1 46	24 5	0 35	15 33	3 18	5 29	1 15	0 27	2 33	23 57	0 33	18 34	1 8	16 1	16 30	22 29	22 21	8 2		n.a.
T 30	23n47	22n 8	1s41	25n12	1n44	24n12	0n37	15s38	3s19	5n32	1s15	0s27	2n33	23s57	0s33	18s34	1s 8	16s 2	16s30	22n30	22n22	8n 0		n.a.

Julian Day Number = 1316512.5, Delta T = 07h36m48s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'42, Lahiri = -19°15'42 Julian Calendar 1 June 1109 BCE == Greg. Calendar 21 May 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

JULY 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 55 21	27♊34'28	13♋ 0	11♋22	23♊13	2♏42	16♈54	6♎56	10°R30	11°R57	27♓36	18°D43	19♋36	20♍28	n.a.	F 1
S 2	17 59 18	28°32'00	25°43	13° 9	24°27	2°56	17° 3	6°57	10♑28	11♒56	27°36	18♋43	19°33	20°35	n.a.	S 2
S 3	18 3 14	29°29'33	8♌ 9	14°55	25°41	3°11	17°11	6°58	10°25	11°55	27°36	18°44	19°30	20°42	n.a.	S 3
M 4	18 7 11	0♋27'07	20°21	16°39	26°55	3°26	17°19	6°59	10°23	11°54	27°36	18°45	19°27	20°48	n.a.	M 4
T 5	18 11 8	1°24'43	2♍23	18°21	28° 9	3°42	17°27	7° 1	10°21	11°53	27°36	18°46	19°23	20°55	n.a.	T 5
W 6	18 15 4	2°22'19	14°17	20° 2	29°23	3°59	17°35	7° 2	10°18	11°52	27°36	18°48	19°20	21° 2	n.a.	W 6
T 7	18 19 1	3°19'57	26° 9	21°42	0♋37	4°17	17°43	7° 3	10°16	11°51	27°36	18°48	19°17	21° 8	n.a.	T 7
F 8	18 22 57	4°17'36	8♎ 3	23°20	1°52	4°35	17°51	7° 5	10°14	11°49	27°R36	18°R48	19°14	21°15	n.a.	F 8
S 9	18 26 54	5°15'16	20° 4	24°56	3° 6	4°53	17°58	7° 7	10°11	11°48	27°36	18°48	19°11	21°22	n.a.	S 9
S 10	18 30 50	6°12'57	2♏17	26°32	4°20	5°12	18° 6	7° 8	10° 9	11°47	27°36	18°47	19° 8	21°29	n.a.	S 10
M11	18 34 47	7°10'39	14°44	28° 5	5°34	5°32	18°13	7°10	10° 6	11°46	27°36	18°45	19° 4	21°35	n.a.	M11
T 12	18 38 43	8° 8'23	27°30	29°37	6°49	5°53	18°20	7°12	10° 4	11°44	27°36	18°44	19° 1	21°42	n.a.	T 12
W13	18 42 40	9° 6'09	10♐36	1♌ 8	8° 3	6°13	18°27	7°14	10° 2	11°43	27°36	18°43	18°58	21°49	n.a.	W13
T 14	18 46 36	10° 3'55	24° 3	2°37	9°17	6°35	18°34	7°16	9°59	11°42	27°36	18°42	18°55	21°55	n.a.	T 14
F 15	18 50 33	11° 1'44	7♑49	4° 5	10°32	6°57	18°40	7°18	9°57	11°40	27°36	18°41	18°52	22° 2	n.a.	F 15
S 16	18 54 30	11°59'34	21°53	5°31	11°46	7°19	18°47	7°21	9°54	11°39	27°35	18°D41	18°49	22° 9	n.a.	S 16
S 17	18 58 26	12°57'26	6♒ 9	6°55	13° 1	7°42	18°53	7°23	9°52	11°38	27°35	18°41	18°45	22°15	n.a.	S 17
M18	19 2 23	13°55'19	20°35	8°18	14°15	8° 6	18°59	7°25	9°50	11°36	27°35	18°42	18°42	22°22	n.a.	M18
T 19	19 6 19	14°53'14	5♓ 3	9°40	15°29	8°30	19° 5	7°28	9°47	11°35	27°35	18°42	18°39	22°29	n.a.	T 19
W20	19 10 16	15°51'12	19°30	10°59	16°44	8°54	19°11	7°31	9°45	11°33	27°35	18°42	18°36	22°36	n.a.	W20
T 21	19 14 12	16°49'11	3♈52	12°17	17°58	9°19	19°17	7°33	9°43	11°32	27°34	18°43	18°33	22°42	n.a.	T 21
F 22	19 18 9	17°47'12	18° 5	13°34	19°13	9°45	19°22	7°36	9°40	11°30	27°34	18°R43	18°29	22°49	n.a.	F 22
S 23	19 22 5	18°45'16	2♉ 6	14°48	20°27	10°11	19°28	7°39	9°38	11°29	27°34	18°D43	18°26	22°56	n.a.	S 23
S 24	19 26 2	19°43'21	15°55	16° 1	21°42	10°37	19°33	7°42	9°35	11°27	27°33	18°43	18°23	23° 2	n.a.	S 24
M25	19 29 59	20°41'29	29°31	17°12	22°57	11° 4	19°38	7°45	9°33	11°26	27°33	18°43	18°20	23° 9	n.a.	M25
T 26	19 33 55	21°39'39	12♊53	18°20	24°11	11°31	19°43	7°48	9°31	11°24	27°33	18°43	18°17	23°16	n.a.	T 26
W27	19 37 52	22°37'51	26° 2	19°27	25°26	11°59	19°47	7°51	9°28	11°23	27°32	18°43	18°14	23°23	n.a.	W27
T 28	19 41 48	23°36'05	8♋56	20°31	26°40	12°27	19°52	7°55	9°26	11°21	27°32	18°44	18°10	23°29	n.a.	T 28
F 29	19 45 45	24°34'21	21°38	21°33	27°55	12°55	19°56	7°58	9°24	11°20	27°32	18°R44	18° 7	23°36	n.a.	F 29
S 30	19 49 41	25°32'39	4♌ 6	22°33	29°10	13°24	20° 0	8° 2	9°22	11°18	27°31	18°43	18° 4	23°43	n.a.	S 30
S 31	19 53 38	26♋30'59	16♌23	23♌30	0♌24	13♏53	20♈ 4	8♎ 5	9♑19	11♒16	27♓31	18♋43	18♋ 1	23♍49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	22n39	0s31	25n 1	1n41	24n18	0n39	15s43	3s19	5n35	1s15	0s28	2n33	23s57	0s33	18s34	1s 8	16s 2	16s30	22n30	22n22	7n57		n.a.
S 2	23 49	21 58	0n39	24 47	1 38	24 24	0 41	15 48	3 20	5 38	1 16	0 29	2 32	23 57	0 33	18 35	1 8	16 2	16 31	22 30	22 23	7 55		n.a.
S 3	23 49	20 13	1 45	24 32	1 34	24 29	0 44	15 54	3 20	5 42	1 16	0 29	2 32	23 57	0 33	18 35	1 8	16 2	16 31	22 30	22 23	7 53		n.a.
M 4	23 49	17 33	2 46	24 15	1 30	24 33	0 46	16 0	3 21	5 45	1 16	0 30	2 32	23 58	0 33	18 35	1 8	16 3	16 31	22 29	22 23	7 50		n.a.
T 5	23 49	14 11	3 38	23 57	1 25	24 36	0 47	16 6	3 21	5 48	1 16	0 31	2 31	23 58	0 33	18 36	1 8	16 3	16 32	22 29	22 24	7 48		n.a.
W 6	23 48	10 17	4 21	23 38	1 20	24 39	0 49	16 12	3 21	5 50	1 16	0 32	2 31	23 58	0 33	18 36	1 9	16 3	16 32	22 29	22 24	7 46		n.a.
T 7	23 47	6 0	4 52	23 17	1 15	24 41	0 51	16 18	3 22	5 53	1 16	0 32	2 31	23 58	0 33	18 37	1 9	16 3	16 32	22 29	22 25	7 44		n.a.
F 8	23 45	1 30	5 11	22 55	1 9	24 42	0 53	16 25	3 22	5 56	1 17	0 33	2 31	23 58	0 33	18 37	1 9	16 4	16 33	22 29	22 25	7 41		n.a.
S 9	23 43	3s 6	5 16	22 31	1 3	24 42	0 55	16 31	3 22	5 59	1 17	0 34	2 30	23 59	0 33	18 37	1 9	16 4	16 33	22 29	22 26	7 39		n.a.
S 10	23 41	7 39	5 8	22 7	0 57	24 42	0 57	16 38	3 22	6 2	1 17	0 35	2 30	23 59	0 33	18 38	1 9	16 4	16 33	22 29	22 26	7 37		n.a.
M11	23 38	11 59	4 44	21 42	0 50	24 41	0 58	16 45	3 22	6 4	1 17	0 36	2 30	23 59	0 33	18 38	1 9	16 5	16 34	22 29	22 27	7 34		n.a.
T 12	23 34	15 55	4 7	21 16	0 43	24 39	1 0	16 52	3 22	6 7	1 17	0 37	2 30	23 59	0 33	18 39	1 9	16 5	16 34	22 30	22 27	7 32		n.a.
W13	23 30	19 10	3 16	20 49	0 36	24 36	1 2	16 59	3 22	6 9	1 17	0 38	2 29	23 59	0 33	18 39	1 9	16 5	16 34	22 30	22 28	7 30		n.a.
T 14	23 26	21 29	2 12	20 21	0 28	24 33	1 3	17 6	3 22	6 12	1 18	0 39	2 29	24 0	0 33	18 39	1 9	16 6	16 35	22 30	22 28	7 27		n.a.
F 15	23 22	22 36	1 0	19 53	0 21	24 29	1 5	17 14	3 22	6 14	1 18	0 40	2 29	24 0	0 33	18 40	1 9	16 6	16 35	22 30	22 28	7 25		n.a.
S 16	23 16	22 18	0s18	19 24	0 13	24 24	1 6	17 21	3 22	6 17	1 18	0 41	2 29	24 0	0 33	18 40	1 9	16 6	16 35	22 30	22 29	7 23		n.a.
S 17	23 11	20 34	1 35	18 55	0 4	24 18	1 8	17 29	3 22	6 19	1 18	0 43	2 28	24 0	0 33	18 41	1 9	16 7	16 36	22 30	22 29	7 20		n.a.
M18	23 5	17 31	2 48	18 25	0s 4	24 12	1 9	17 37	3 22	6 21	1 18	0 44	2 28	24 0	0 33	18 41	1 9	16 7	16 36	22 30	22 30	7 18		n.a.
T 19	22 59	13 22	3 50	17 55	0 13	24 5	1 11	17 44	3 22	6 23	1 18	0 45	2 28	24 0	0 33	18 41	1 9	16 7	16 36	22 30	22 30	7 16		n.a.
W20	22 52	8 27	4 37	17 25	0 21	23 57	1 12	17 52	3 22	6 25	1 19	0 46	2 27	24 1	0 33	18 42	1 9	16 8	16 36	22 30	22 31	7 13		n.a.
T 21	22 45	3 7	5 7	16 54	0 30	23 48	1 13	18 0	3 21	6 27	1 19	0 48	2 27	24 1	0 33	18 42	1 9	16 8	16 37	22 30	22 31	7 11		n.a.
F 22	22 37	2n19	5 17	16 24	0 39	23 39	1 14	18 8	3 21	6 29	1 19	0 49	2 27	24 1	0 33	18 43	1 9	16 9	16 37	22 30	22 32	7 9		n.a.
S 23	22 29	7 35	5 9	15 53	0 48	23 29	1 15	18 17	3 21	6 31	1 19	0 51	2 27	24 1	0 33	18 43	1 9	16 9	16 37	22 30	22 32	7 6		n.a.
S 24	22 21	12 22	4 42	15 23	0 58	23 18	1 16	18 25	3 21	6 33	1 19	0 52	2 26	24 1	0 33	18 44	1 9	16 9	16 38	22 30	22 32	7 4		n.a.
M25	22 12	16 28	4 0	14 52	1 7	23 7	1 17	18 33	3 20	6 35	1 19	0 53	2 26	24 2	0 33	18 44	1 9	16 10	16 38	22 30	22 33	7 1		n.a.
T 26	22 3	19 38	3 6	14 22	1 16	22 54	1 18	18 41	3 20	6 36	1 20	0 55	2 26	24 2	0 33	18 45	1 9	16 10	16 38	22 30	22 33	6 59		n.a.
W27	21 53	21 43	2 3	13 52	1 26	22 42	1 19	18 50	3 19	6 38	1 20	0 56	2 26	24 2	0 33	18 45	1 9	16 11	16 39	22 30	22 34	6 57		n.a.
T 28	21 44	22 37	0 54	13 23	1 35	22 28	1 20	18 58	3 19	6 39	1 20	0 58	2 25	24 2	0 33	18 46	1 9	16 11	16 39	22 30	22 34	6 54		n.a.
F 29	21 33	22 19	0n16	12 53	1 45	22 14	1 21	19 7	3 19	6 41	1 20	1 0	2 25	24 2	0 33	18 46	1 9	16 12	16 39	22 30	22 35	6 52		n.a.
S 30	21 23	20 54	1 24	12 25	1 55	21 59	1 21	19 15	3 18	6 42	1 20	1 1	2 25	24 2	0 33	18 46	1 9	16 12	16 39	22 30	22 35	6 50		n.a.
S 31	21n11	18n31	2n27	11n57	2s 4	21n43	1n22	19s24	3s18	6n44	1s21	1s 3	2n25	24s 3	0s33	18s47	1s 9	16s12	16s40	22n30	22n35	6n47		n.a.

Julian Day Number = 1316542.5, Delta T = 07h36m46s
Ecliptic obliquity = 23°49'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'38, Lahiri = -19°15'38 Julian Calendar 1 July 1109 BCE == Greg. Calendar 20 June 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

AUGUST 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 57 34	27♋29'20	28♌29	24♌24	1♌39	14♏22	20♈ 8	8♎ 9	9°R17	11°R15	27°R30	18°R42	17♋58	23♍56	n.a.	M 1
T 2	20 1 31	28°27'44	10♍28	25°15	2°54	14°52	20°12	8°12	9♉15	11♒13	27♓30	18♋40	17°55	24° 3	n.a.	T 2
W 3	20 5 28	29°26'09	22°21	26° 2	4° 9	15°23	20°15	8°16	9°13	11°12	27°29	18°39	17°51	24°10	n.a.	W 3
T 4	20 9 24	0♌24'36	4♎12	26°47	5°23	15°53	20°18	8°20	9°11	11°10	27°29	18°38	17°48	24°16	n.a.	T 4
F 5	20 13 21	1°23'05	16° 5	27°27	6°38	16°24	20°21	8°24	9° 8	11° 8	27°28	18°37	17°45	24°23	n.a.	F 5
S 6	20 17 17	2°21'36	28° 4	28° 4	7°53	16°56	20°24	8°28	9° 6	11° 7	27°28	18°D36	17°42	24°30	n.a.	S 6
S 7	20 21 14	3°20'08	10♏14	28°36	9° 8	17°27	20°27	8°32	9° 4	11° 5	27°27	18°36	17°39	24°36	n.a.	S 7
M 8	20 25 10	4°18'42	22°39	29° 4	10°22	17°59	20°29	8°36	9° 2	11° 3	27°26	18°37	17°35	24°43	n.a.	M 8
T 9	20 29 7	5°17'18	5♐24	29°27	11°37	18°32	20°31	8°41	9° 0	11° 2	27°26	18°38	17°32	24°50	n.a.	T 9
W10	20 33 3	6°15'56	18°31	29°44	12°52	19° 4	20°34	8°45	8°58	11° 0	27°25	18°39	17°29	24°57	n.a.	W10
T 11	20 37 0	7°14'36	2♑ 3	29°56	14° 7	19°37	20°35	8°49	8°56	10°59	27°24	18°40	17°26	25° 3	n.a.	T 11
F 12	20 40 57	8°13'18	16° 0	0°R 2	15°22	20°10	20°37	8°54	8°54	10°57	27°24	18°R41	17°23	25°10	n.a.	F 12
S 13	20 44 53	9°12'02	0♒21	0♍ 2	16°36	20°44	20°39	8°58	8°52	10°55	27°23	18°41	17°20	25°17	n.a.	S 13
S 14	20 48 50	10°10'48	15° 1	29♌55	17°51	21°17	20°40	9° 3	8°50	10°54	27°22	18°39	17°16	25°23	n.a.	S 14
M15	20 52 46	11° 9'36	29°52	29°41	19° 6	21°51	20°41	9° 8	8°48	10°52	27°22	18°37	17°13	25°30	n.a.	M15
T 16	20 56 43	12° 8'26	14♓48	29°20	20°21	22°25	20°42	9°13	8°46	10°50	27°21	18°34	17°10	25°37	n.a.	T 16
W17	21 0 39	13° 7'18	29°40	28°51	21°36	23° 0	20°43	9°17	8°44	10°49	27°20	18°31	17° 7	25°44	n.a.	W17
T 18	21 4 36	14° 6'13	14♈20	28°16	22°51	23°35	20°43	9°22	8°42	10°47	27°19	18°28	17° 4	25°50	n.a.	T 18
F 19	21 8 32	15° 5'10	28°43	27°33	24° 5	24°10	20°43	9°27	8°41	10°45	27°19	18°26	17° 0	25°57	n.a.	F 19
S 20	21 12 29	16° 4'10	12♉46	26°43	25°20	24°45	20°R43	9°32	8°39	10°44	27°18	18°D25	16°57	26° 4	n.a.	S 20
S 21	21 16 25	17° 3'13	26°28	25°48	26°35	25°20	20°43	9°37	8°37	10°42	27°17	18°25	16°54	26°10	n.a.	S 21
M22	21 20 22	18° 2'17	9♊51	24°47	27°50	25°56	20°43	9°42	8°36	10°40	27°16	18°26	16°51	26°17	n.a.	M22
T 23	21 24 19	19° 1'25	22°55	23°42	29° 5	26°32	20°43	9°48	8°34	10°39	27°15	18°28	16°48	26°24	n.a.	T 23
W24	21 28 15	20° 0'35	5♋43	22°34	0♍20	27° 8	20°42	9°53	8°32	10°37	27°14	18°29	16°45	26°31	n.a.	W24
T 25	21 32 12	20°59'47	18°18	21°26	1°35	27°44	20°41	9°58	8°31	10°35	27°14	18°R30	16°41	26°37	n.a.	T 25
F 26	21 36 8	21°59'01	0♌41	20°18	2°50	28°20	20°40	10° 4	8°29	10°34	27°13	18°29	16°38	26°44	n.a.	F 26
S 27	21 40 5	22°58'18	12°55	19°12	4° 5	28°57	20°39	10° 9	8°28	10°32	27°12	18°27	16°35	26°51	n.a.	S 27
S 28	21 44 1	23°57'37	25° 1	18°11	5°20	29°34	20°37	10°15	8°26	10°30	27°11	18°23	16°32	26°57	n.a.	S 28
M29	21 47 58	24°56'58	7♍ 0	17°16	6°35	0♐11	20°35	10°20	8°25	10°29	27°10	18°17	16°29	27° 4	n.a.	M29
T 30	21 51 54	25°56'21	18°55	16°28	7°50	0°49	20°33	10°26	8°23	10°27	27° 9	18°10	16°26	27°11	n.a.	T 30
W31	21 55 51	26♌55'46	0♎46	15♌49	9♍ 5	1♐26	20♈31	10♎31	8♑22	10♒26	27♓ 8	18♋ 2	16♋22	27♍18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n 0	15n21	3n23	11n30	2s14	21n27	1n23	19s32	3s17	6n45	1s21	1s 4	2n24	24s 3	0s33	18s47	1s 9	16s13	16s40	22n30	22n36	6n45			n.a.
T 2	20 48	11 35	4 9	11 4	2 23	21 10	1 23	19 41	3 17	6 46	1 21	1 6	2 24	24 3	0 33	18 48	1 9	16 13	16 40	22 30	22 36	6 43			n.a.
W 3	20 36	7 25	4 44	10 39	2 32	20 53	1 24	19 50	3 16	6 47	1 21	1 8	2 24	24 3	0 33	18 48	1 9	16 14	16 41	22 30	22 37	6 40			n.a.
T 4	20 23	2 58	5 6	10 16	2 42	20 35	1 24	19 58	3 15	6 48	1 21	1 10	2 24	24 3	0 33	18 49	1 9	16 14	16 41	22 30	22 37	6 38			n.a.
F 5	20 10	1s35	5 16	9 53	2 50	20 16	1 24	20 7	3 15	6 49	1 22	1 11	2 24	24 3	0 33	18 49	1 9	16 15	16 41	22 31	22 38	6 35			n.a.
S 6	19 57	6 7	5 12	9 32	2 59	19 57	1 25	20 16	3 14	6 50	1 22	1 13	2 23	24 3	0 33	18 50	1 9	16 15	16 41	22 31	22 38	6 33			n.a.
S 7	19 43	10 29	4 54	9 13	3 8	19 37	1 25	20 24	3 14	6 51	1 22	1 15	2 23	24 4	0 33	18 50	1 9	16 16	16 42	22 31	22 38	6 31			n.a.
M 8	19 29	14 30	4 22	8 56	3 16	19 17	1 25	20 33	3 13	6 52	1 22	1 17	2 23	24 4	0 33	18 51	1 9	16 16	16 42	22 31	22 39	6 28			n.a.
T 9	19 15	18 0	3 37	8 41	3 23	18 56	1 25	20 42	3 12	6 52	1 22	1 19	2 23	24 4	0 33	18 51	1 9	16 17	16 42	22 30	22 39	6 26			n.a.
W10	19 0	20 41	2 39	8 28	3 30	18 35	1 25	20 50	3 12	6 53	1 22	1 21	2 22	24 4	0 33	18 52	1 9	16 17	16 42	22 30	22 40	6 23			n.a.
T 11	18 46	22 18	1 31	8 18	3 37	18 13	1 25	20 59	3 11	6 54	1 23	1 23	2 22	24 4	0 33	18 52	1 9	16 18	16 43	22 30	22 40	6 21			n.a.
F 12	18 30	22 36	0 15	8 10	3 42	17 50	1 25	21 7	3 10	6 54	1 23	1 25	2 22	24 4	0 33	18 53	1 9	16 18	16 43	22 30	22 41	6 19			n.a.
S 13	18 15	21 26	1s 4	8 6	3 47	17 27	1 25	21 16	3 10	6 55	1 23	1 27	2 22	24 4	0 33	18 53	1 9	16 19	16 43	22 30	22 41	6 16			n.a.
S 14	17 59	18 49	2 20	8 5	3 51	17 4	1 24	21 24	3 9	6 55	1 23	1 29	2 22	24 4	0 33	18 54	1 9	16 19	16 43	22 30	22 41	6 14			n.a.
M15	17 42	14 56	3 28	8 7	3 54	16 40	1 24	21 33	3 8	6 55	1 23	1 31	2 21	24 5	0 33	18 54	1 9	16 20	16 44	22 31	22 42	6 11			n.a.
T 16	17 26	10 5	4 21	8 13	3 56	16 15	1 24	21 41	3 7	6 55	1 24	1 33	2 21	24 5	0 33	18 55	1 9	16 20	16 44	22 31	22 42	6 9			n.a.
W17	17 9	4 40	4 57	8 23	3 56	15 50	1 23	21 49	3 7	6 55	1 24	1 35	2 21	24 5	0 33	18 55	1 10	16 21	16 44	22 31	22 43	6 7			n.a.
T 18	16 52	0n56	5 13	8 36	3 54	15 25	1 23	21 58	3 6	6 55	1 24	1 37	2 21	24 5	0 33	18 55	1 10	16 21	16 44	22 32	22 43	6 4			n.a.
F 19	16 34	6 23	5 9	8 54	3 51	14 59	1 22	22 6	3 5	6 55	1 24	1 39	2 21	24 5	0 33	18 56	1 10	16 22	16 45	22 32	22 43	6 2			n.a.
S 20	16 17	11 23	4 46	9 16	3 46	14 33	1 21	22 14	3 4	6 55	1 24	1 42	2 20	24 5	0 33	18 56	1 10	16 22	16 45	22 32	22 44	5 59			n.a.
S 21	15 59	15 40	4 7	9 41	3 39	14 7	1 21	22 22	3 3	6 55	1 24	1 44	2 20	24 5	0 33	18 57	1 10	16 23	16 45	22 32	22 44	5 57			n.a.
M22	15 40	19 3	3 16	10 10	3 30	13 40	1 20	22 30	3 3	6 55	1 25	1 46	2 20	24 5	0 33	18 57	1 10	16 23	16 45	22 32	22 45	5 54			n.a.
T 23	15 22	21 23	2 16	10 42	3 19	13 13	1 19	22 38	3 2	6 54	1 25	1 48	2 20	24 5	0 33	18 58	1 10	16 24	16 45	22 32	22 45	5 52			n.a.
W24	15 3	22 33	1 9	11 17	3 6	12 45	1 18	22 46	3 1	6 54	1 25	1 51	2 20	24 6	0 33	18 58	1 10	16 24	16 46	22 32	22 45	5 50			n.a.
T 25	14 44	22 32	0 1	11 53	2 52	12 17	1 17	22 53	3 0	6 53	1 25	1 53	2 19	24 6	0 33	18 59	1 10	16 25	16 46	22 32	22 46	5 47			n.a.
F 26	14 24	21 24	1n 6	12 30	2 35	11 49	1 16	23 1	2 59	6 53	1 25	1 55	2 19	24 6	0 33	18 59	1 10	16 25	16 46	22 32	22 46	5 45			n.a.
S 27	14 5	19 16	2 9	13 8	2 17	11 20	1 15	23 8	2 58	6 52	1 26	1 57	2 19	24 6	0 33	19 0	1 10	16 26	16 46	22 32	22 47	5 42			n.a.
S 28	13 45	16 18	3 6	13 45	1 58	10 51	1 14	23 16	2 57	6 51	1 26	2 0	2 19	24 6	0 33	19 0	1 10	16 26	16 46	22 33	22 47	5 40			n.a.
M29	13 25	12 41	3 53	14 21	1 39	10 22	1 13	23 23	2 56	6 51	1 26	2 2	2 19	24 6	0 33	19 1	1 10	16 27	16 47	22 33	22 47	5 37			n.a.
T 30	13 5	8 35	4 30	14 54	1 19	9 52	1 11	23 30	2 55	6 50	1 26	2 5	2 18	24 6	0 33	19 1	1 10	16 27	16 47	22 34	22 48	5 35			n.a.
W31	12n44	4n11	4n55	15n25	0s59	9n22	1n10	23s37	2s54	6n49	1s26	2s 7	2n18	24s 6	0s33	19s 1	1s10	16s28	16s47	22n35	22n48	5n33			n.a.

Julian Day Number = 1316573.5, Delta T = 07h36m45s
Ecliptic obliquity = 23°49'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'34, Lahiri = -19°15'33 Julian Calendar 1 Aug. 1109 BCE == Greg. Calendar 21 July 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

SEPTEMBER 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 47	27♌55'14	12♎37	15°R20	10♍19	2♐ 4	20°R29	10♎37	8°R21	10°R24	27°R 7	17°R55	16♋19	27♍24	n.a.	T 1
F 2	22 3 44	28°54'43	24°30	15♌ 2	11°34	2°42	20♈26	10°43	8♑19	10♒23	27♓ 6	17♋49	16°16	27°31	n.a.	F 2
S 3	22 7 41	29°54'14	6♏27	14°D54	12°49	3°20	20°24	10°49	8°18	10°21	27° 5	17°44	16°13	27°38	n.a.	S 3
S 4	22 11 37	0♍53'48	18°34	14°57	14° 4	3°58	20°21	10°55	8°17	10°19	27° 4	17°42	16°10	27°44	n.a.	S 4
M 5	22 15 34	1°53'23	0♐54	15°11	15°19	4°36	20°18	11° 1	8°16	10°18	27° 3	17°D41	16° 6	27°51	n.a.	M 5
T 6	22 19 30	2°53'00	13°33	15°35	16°34	5°15	20°14	11° 7	8°15	10°16	27° 2	17°41	16° 3	27°58	n.a.	T 6
W 7	22 23 27	3°52'39	26°33	16° 9	17°49	5°53	20°11	11°13	8°14	10°15	27° 1	17°42	16° 0	28° 5	n.a.	W 7
T 8	22 27 23	4°52'20	10♑ 1	16°52	19° 4	6°32	20° 7	11°19	8°13	10°13	27° 0	17°44	15°57	28°11	n.a.	T 8
F 9	22 31 20	5°52'03	23°56	17°43	20°19	7°11	20° 3	11°25	8°12	10°12	26°59	17°R44	15°54	28°18	n.a.	F 9
S 10	22 35 16	6°51'48	8♒20	18°42	21°34	7°50	19°59	11°31	8°11	10°11	26°58	17°42	15°51	28°25	n.a.	S 10
S 11	22 39 13	7°51'34	23° 9	19°47	22°49	8°30	19°55	11°37	8°10	10° 9	26°57	17°38	15°47	28°31	n.a.	S 11
M12	22 43 10	8°51'23	8♓16	20°58	24° 4	9° 9	19°51	11°43	8° 9	10° 8	26°56	17°32	15°44	28°38	n.a.	M12
T 13	22 47 6	9°51'13	23°32	22°14	25°19	9°48	19°46	11°50	8° 9	10° 6	26°55	17°24	15°41	28°45	n.a.	T 13
W14	22 51 3	10°51'06	8♈46	23°35	26°34	10°28	19°41	11°56	8° 8	10° 5	26°54	17°16	15°38	28°52	n.a.	W14
T 15	22 54 59	11°51'01	23°47	24°59	27°49	11° 8	19°36	12° 2	8° 7	10° 4	26°53	17° 8	15°35	28°58	n.a.	T 15
F 16	22 58 56	12°50'59	8♉27	26°27	29° 3	11°48	19°31	12° 9	8° 7	10° 2	26°51	17° 2	15°32	29° 5	n.a.	F 16
S 17	23 2 52	13°50'59	22°42	27°57	0♎18	12°28	19°26	12°15	8° 6	10° 1	26°50	16°57	15°28	29°12	n.a.	S 17
S 18	23 6 49	14°51'01	6♊29	29°30	1°33	13° 8	19°20	12°22	8° 5	10° 0	26°49	16°55	15°25	29°18	n.a.	S 18
M19	23 10 45	15°51'05	19°49	1♍ 4	2°48	13°48	19°15	12°28	8° 5	9°58	26°48	16°D55	15°22	29°25	n.a.	M19
T 20	23 14 42	16°51'12	2♋46	2°40	4° 3	14°28	19° 9	12°35	8° 5	9°57	26°47	16°56	15°19	29°32	n.a.	T 20
W21	23 18 38	17°51'21	15°23	4°16	5°18	15° 9	19° 3	12°41	8° 4	9°56	26°46	16°R56	15°16	29°39	n.a.	W21
T 22	23 22 35	18°51'33	27°46	5°54	6°33	15°49	18°57	12°48	8° 4	9°55	26°45	16°56	15°12	29°45	n.a.	T 22
F 23	23 26 32	19°51'46	9♌56	7°32	7°48	16°30	18°51	12°54	8° 4	9°53	26°44	16°53	15° 9	29°52	n.a.	F 23
S 24	23 30 28	20°52'02	21°59	9°11	9° 3	17°10	18°45	13° 1	8° 3	9°52	26°43	16°48	15° 6	29°59	n.a.	S 24
S 25	23 34 25	21°52'20	3♍56	10°50	10°18	17°51	18°38	13° 8	8° 3	9°51	26°41	16°39	15° 3	0♎ 6	n.a.	S 25
M26	23 38 21	22°52'39	15°49	12°29	11°32	18°32	18°31	13°15	8° 3	9°50	26°40	16°28	15° 0	0°12	n.a.	M26
T 27	23 42 18	23°53'01	27°41	14° 8	12°47	19°13	18°25	13°21	8° 3	9°49	26°39	16°16	14°57	0°19	n.a.	T 27
W28	23 46 14	24°53'24	9♎33	15°47	14° 2	19°54	18°18	13°28	8°D 3	9°48	26°38	16° 2	14°53	0°26	n.a.	W28
T 29	23 50 11	25°53'49	21°26	17°26	15°17	20°36	18°11	13°35	8° 3	9°47	26°37	15°49	14°50	0°32	n.a.	T 29
F 30	23 54 7	26♍54'16	3♏21	19♍ 5	16♎32	21♐17	18♈ 4	13♎42	8♑ 3	9♒46	26♓36	15♋37	14♋47	0♎39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n23	0s21	5n 8	15n53	0s39	8n52	1n 9	23s44	2s53	6n48	1s26	2s 9	2n18	24s 6	0s33	19s 2	1s10	16s29	16s47	22n36	22n49	5n30		n.a.
F 2	12 2	4 53	5 7	16 17	0 20	8 22	1 7	23 51	2 52	6 47	1 27	2 12	2 18	24 6	0 33	19 2	1 10	16 29	16 47	22 37	22 49	5 28		n.a.
S 3	11 41	9 17	4 53	16 36	0 1	7 52	1 6	23 58	2 51	6 45	1 27	2 14	2 18	24 6	0 33	19 3	1 10	16 30	16 47	22 38	22 49	5 25		n.a.
S 4	11 20	13 22	4 26	16 52	0n16	7 21	1 4	24 4	2 50	6 44	1 27	2 17	2 18	24 6	0 33	19 3	1 10	16 30	16 48	22 38	22 50	5 23		n.a.
M 5	10 58	16 59	3 46	17 3	0 32	6 50	1 3	24 11	2 49	6 43	1 27	2 19	2 18	24 6	0 33	19 4	1 10	16 31	16 48	22 38	22 50	5 20		n.a.
T 6	10 37	19 55	2 54	17 10	0 46	6 19	1 1	24 17	2 48	6 41	1 27	2 22	2 17	24 7	0 33	19 4	1 10	16 31	16 48	22 38	22 51	5 18		n.a.
W 7	10 15	21 55	1 52	17 12	1 0	5 48	0 59	24 23	2 47	6 40	1 27	2 24	2 17	24 7	0 33	19 4	1 10	16 32	16 48	22 38	22 51	5 15		n.a.
T 8	9 53	22 45	0 42	17 10	1 12	5 16	0 57	24 29	2 46	6 39	1 27	2 27	2 17	24 7	0 33	19 5	1 10	16 32	16 48	22 38	22 51	5 13		n.a.
F 9	9 30	22 13	0s33	17 4	1 22	4 45	0 56	24 35	2 45	6 37	1 28	2 29	2 17	24 7	0 33	19 5	1 10	16 33	16 48	22 38	22 52	5 10		n.a.
S 10	9 8	20 13	1 49	16 54	1 31	4 13	0 54	24 40	2 44	6 35	1 28	2 32	2 17	24 7	0 33	19 6	1 10	16 33	16 48	22 38	22 52	5 8		n.a.
S 11	8 45	16 50	2 59	16 41	1 39	3 41	0 52	24 46	2 43	6 34	1 28	2 35	2 17	24 7	0 33	19 6	1 10	16 34	16 48	22 39	22 53	5 5		n.a.
M12	8 23	12 16	3 57	16 24	1 46	3 9	0 50	24 51	2 42	6 32	1 28	2 37	2 17	24 7	0 33	19 6	1 9	16 34	16 48	22 39	22 53	5 3		n.a.
T 13	8 0	6 53	4 40	16 4	1 51	2 37	0 48	24 56	2 41	6 30	1 28	2 40	2 16	24 7	0 33	19 7	1 9	16 35	16 49	22 40	22 53	5 1		n.a.
W14	7 37	1 5	5 2	15 41	1 55	2 5	0 46	25 1	2 40	6 28	1 28	2 42	2 16	24 7	0 33	19 7	1 9	16 35	16 49	22 41	22 54	4 58		n.a.
T 15	7 14	4n41	5 4	15 15	1 58	1 33	0 44	25 6	2 39	6 26	1 28	2 45	2 16	24 7	0 33	19 7	1 9	16 36	16 49	22 43	22 54	4 56		n.a.
F 16	6 50	10 4	4 45	14 47	2 0	1 1	0 42	25 10	2 38	6 24	1 28	2 48	2 16	24 7	0 33	19 8	1 9	16 36	16 49	22 43	22 54	4 53		n.a.
S 17	6 27	14 44	4 9	14 16	2 1	0 29	0 40	25 15	2 37	6 22	1 28	2 50	2 16	24 7	0 32	19 8	1 9	16 37	16 49	22 44	22 55	4 51		n.a.
S 18	6 4	18 28	3 19	13 44	2 2	0s 3	0 37	25 19	2 36	6 20	1 29	2 53	2 16	24 7	0 32	19 8	1 9	16 37	16 49	22 44	22 55	4 48		n.a.
M19	5 40	21 6	2 20	13 10	2 2	0 36	0 35	25 23	2 35	6 17	1 29	2 56	2 16	24 7	0 32	19 9	1 9	16 38	16 49	22 44	22 55	4 46		n.a.
T 20	5 16	22 33	1 15	12 34	2 0	1 8	0 33	25 27	2 34	6 15	1 29	2 58	2 16	24 7	0 32	19 9	1 9	16 38	16 49	22 44	22 56	4 43		n.a.
W21	4 53	22 47	0 8	11 56	1 59	1 40	0 31	25 30	2 32	6 13	1 29	3 1	2 15	24 7	0 32	19 9	1 9	16 39	16 49	22 44	22 56	4 41		n.a.
T 22	4 29	21 53	0n57	11 18	1 57	2 13	0 28	25 34	2 31	6 10	1 29	3 4	2 15	24 7	0 32	19 10	1 9	16 39	16 49	22 44	22 57	4 38		n.a.
F 23	4 5	19 57	1 59	10 38	1 54	2 45	0 26	25 37	2 30	6 8	1 29	3 6	2 15	24 7	0 32	19 10	1 9	16 40	16 49	22 44	22 57	4 36		n.a.
S 24	3 41	17 10	2 55	9 57	1 51	3 17	0 24	25 40	2 29	6 5	1 29	3 9	2 15	24 7	0 32	19 10	1 9	16 40	16 49	22 45	22 57	4 33		n.a.
S 25	3 16	13 40	3 43	9 16	1 47	3 49	0 21	25 43	2 28	6 3	1 29	3 12	2 15	24 7	0 32	19 11	1 9	16 41	16 49	22 46	22 58	4 31		n.a.
M26	2 52	9 39	4 20	8 34	1 43	4 21	0 19	25 46	2 27	6 0	1 29	3 15	2 15	24 7	0 32	19 11	1 9	16 41	16 49	22 48	22 58	4 28		n.a.
T 27	2 28	5 17	4 46	7 51	1 38	4 53	0 16	25 48	2 26	5 58	1 29	3 17	2 15	24 7	0 32	19 11	1 9	16 42	16 49	22 49	22 58	4 26		n.a.
W28	2 4	0 44	4 59	7 8	1 34	5 25	0 14	25 50	2 25	5 55	1 29	3 20	2 15	24 7	0 32	19 12	1 9	16 42	16 49	22 51	22 59	4 23		n.a.
T 29	1 39	3s52	5 0	6 24	1 29	5 56	0 11	25 52	2 23	5 52	1 29	3 23	2 15	24 7	0 32	19 12	1 9	16 43	16 49	22 52	22 59	4 21		n.a.
F 30	1n15	8s20	4n47	5n40	1n24	6s28	0n 9	25s54	2s22	5n49	1s29	3s26	2n15	24s 7	0s32	19s12	1s 9	16s43	16s49	22n54	22n59	4n18		n.a.

Julian Day Number = 1316604.5, Delta T = 07h36m43s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'30, Lahiri = -19°15'29 Julian Calendar 1 Sept. 1109 BCE == Greg. Calendar 21 Aug. 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

OCTOBER 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 58 4	27♍54'44	15♏21	20♍44	17♎47	21♐58	17°R56	13♎48	8♑ 3	9°R45	26°R35	15°R27	14♋44	0♎46	n.a.	S 1
S 2	0 2 0	28°55'15	27°29	22°22	19° 2	22°40	17♈49	13°55	8° 3	9♒44	26♓33	15♋20	14°41	0°53	n.a.	S 2
M 3	0 5 57	29°55'46	9♐48	24° 0	20°16	23°21	17°42	14° 2	8° 4	9°43	26°32	15°16	14°37	0°59	n.a.	M 3
T 4	0 9 54	0♎56'20	22°22	25°38	21°31	24° 3	17°34	14° 9	8° 4	9°42	26°31	15°14	14°34	1° 6	n.a.	T 4
W 5	0 13 50	1°56'54	5♑16	27°15	22°46	24°44	17°27	14°16	8° 4	9°41	26°30	15°D14	14°31	1°13	n.a.	W 5
T 6	0 17 47	2°57'31	18°33	28°53	24° 1	25°26	17°19	14°23	8° 5	9°40	26°29	15°R14	14°28	1°19	n.a.	T 6
F 7	0 21 43	3°58'08	2♒18	0♎30	25°16	26° 8	17°11	14°30	8° 5	9°39	26°28	15°13	14°25	1°26	n.a.	F 7
S 8	0 25 40	4°58'47	16°31	2° 6	26°30	26°50	17° 3	14°37	8° 6	9°39	26°27	15°10	14°22	1°33	n.a.	S 8
S 9	0 29 36	5°59'27	1♓12	3°43	27°45	27°32	16°55	14°44	8° 6	9°38	26°25	15° 4	14°18	1°40	n.a.	S 9
M10	0 33 33	7° 0'08	16°16	5°19	29° 0	28°14	16°47	14°51	8° 7	9°37	26°24	14°56	14°15	1°46	n.a.	M10
T 11	0 37 29	8° 0'51	1♈35	6°55	0♏15	28°56	16°39	14°58	8° 7	9°36	26°23	14°45	14°12	1°53	n.a.	T 11
W12	0 41 26	9° 1'35	16°57	8°30	1°29	29°38	16°31	15° 5	8° 8	9°36	26°22	14°34	14° 9	2° 0	n.a.	W12
T 13	0 45 23	10° 2'21	2♉11	10° 6	2°44	0♑20	16°23	15°12	8° 9	9°35	26°21	14°23	14° 6	2° 6	n.a.	T 13
F 14	0 49 19	11° 3'09	17° 6	11°41	3°59	1° 2	16°15	15°19	8°10	9°35	26°20	14°13	14° 3	2°13	n.a.	F 14
S 15	0 53 16	12° 3'58	1♊34	13°16	5°14	1°44	16° 7	15°26	8°10	9°34	26°19	14° 6	13°59	2°20	n.a.	S 15
S 16	0 57 12	13° 4'49	15°31	14°50	6°28	2°27	15°59	15°33	8°11	9°33	26°18	14° 2	13°56	2°27	n.a.	S 16
M17	1 1 9	14° 5'41	28°59	16°25	7°43	3° 9	15°51	15°40	8°12	9°33	26°17	14° 0	13°53	2°33	n.a.	M17
T 18	1 5 5	15° 6'36	11♋59	17°59	8°58	3°51	15°42	15°47	8°13	9°32	26°16	14° 0	13°50	2°40	n.a.	T 18
W19	1 9 2	16° 7'31	24°36	19°33	10°12	4°34	15°34	15°54	8°14	9°32	26°15	13°59	13°47	2°47	n.a.	W19
T 20	1 12 58	17° 8'29	6♌55	21° 7	11°27	5°16	15°26	16° 1	8°15	9°32	26°13	13°58	13°43	2°54	n.a.	T 20
F 21	1 16 55	18° 9'27	19° 1	22°41	12°41	5°58	15°18	16° 8	8°17	9°31	26°12	13°55	13°40	3° 0	n.a.	F 21
S 22	1 20 52	19°10'28	0♍58	24°15	13°56	6°41	15°10	16°15	8°18	9°31	26°11	13°49	13°37	3° 7	n.a.	S 22
S 23	1 24 48	20°11'29	12°50	25°49	15°11	7°24	15° 2	16°22	8°19	9°31	26°10	13°40	13°34	3°14	n.a.	S 23
M24	1 28 45	21°12'32	24°40	27°23	16°25	8° 6	14°53	16°29	8°20	9°30	26° 9	13°28	13°31	3°20	n.a.	M24
T 25	1 32 41	22°13'36	6♎32	28°56	17°40	8°49	14°45	16°36	8°22	9°30	26° 8	13°14	13°28	3°27	n.a.	T 25
W26	1 36 38	23°14'41	18°26	0♏30	18°54	9°31	14°37	16°43	8°23	9°30	26° 7	12°59	13°24	3°34	n.a.	W26
T 27	1 40 34	24°15'47	0♏24	2° 4	20° 9	10°14	14°29	16°50	8°25	9°30	26° 6	12°45	13°21	3°41	n.a.	T 27
F 28	1 44 31	25°16'54	12°27	3°37	21°24	10°57	14°21	16°57	8°26	9°30	26° 5	12°31	13°18	3°47	n.a.	F 28
S 29	1 48 27	26°18'02	24°36	5°11	22°38	11°40	14°14	17° 4	8°28	9°29	26° 4	12°20	13°15	3°54	n.a.	S 29
S 30	1 52 24	27°19'11	6♐52	6°44	23°53	12°22	14° 6	17°11	8°29	9°29	26° 3	12°12	13°12	4° 1	n.a.	S 30
M31	1 56 21	28♎20'21	19♐18	8♏17	25♏ 7	13♑ 5	13♈58	17♎18	8♑31	9°D29	26♓ 2	12♋ 7	13♋ 8	4♎ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n51	12s32	4n22	4n56	1n18	6s59	0n 6	25s56	2s21	5n47	1s29	3s28	2n15	24s 7	0s32	19s12	1s 9	16s43	16s49	22n55	23n 0	4n16		n.a.
S 2	0 26	16 17	3 44	4 11	1 12	7 31	0 4	25 57	2 20	5 44	1 29	3 31	2 14	24 7	0 32	19 13	1 9	16 44	16 49	22 56	23 0	4 13		n.a.
M 3	0 2	19 23	2 56	3 26	1 7	8 2	0 1	25 58	2 19	5 41	1 29	3 34	2 14	24 7	0 32	19 13	1 9	16 44	16 49	22 56	23 1	4 11		n.a.
T 4	0s23	21 38	1 58	2 41	1 1	8 33	0s 2	25 59	2 18	5 38	1 29	3 37	2 14	24 7	0 32	19 13	1 9	16 45	16 49	22 56	23 1	4 8		n.a.
W 5	0 47	22 51	0 53	1 56	0 55	9 4	0 4	26 0	2 17	5 35	1 29	3 39	2 14	24 7	0 32	19 13	1 9	16 45	16 49	22 56	23 1	4 5		n.a.
T 6	1 12	22 48	0s18	1 11	0 48	9 34	0 7	26 0	2 15	5 32	1 29	3 42	2 14	24 7	0 32	19 13	1 9	16 46	16 49	22 56	23 2	4 3		n.a.
F 7	1 36	21 25	1 29	0 26	0 42	10 4	0 9	26 0	2 14	5 29	1 29	3 45	2 14	24 7	0 32	19 14	1 9	16 46	16 49	22 57	23 2	4 0		n.a.
S 8	2 1	18 38	2 37	0s18	0 36	10 34	0 12	26 0	2 13	5 26	1 29	3 48	2 14	24 6	0 32	19 14	1 9	16 46	16 49	22 57	23 2	3 58		n.a.
S 9	2 25	14 36	3 37	1 3	0 29	11 4	0 15	26 0	2 12	5 23	1 29	3 50	2 14	24 6	0 32	19 14	1 9	16 47	16 49	22 58	23 3	3 55		n.a.
M10	2 49	9 32	4 24	1 48	0 23	11 34	0 17	26 0	2 11	5 20	1 29	3 53	2 14	24 6	0 32	19 14	1 9	16 47	16 49	22 58	23 3	3 53		n.a.
T 11	3 14	3 49	4 52	2 32	0 16	12 3	0 20	25 59	2 10	5 17	1 29	3 56	2 14	24 6	0 32	19 14	1 9	16 48	16 49	23 0	23 3	3 50		n.a.
W12	3 38	2n10	5 0	3 16	0 10	12 32	0 23	25 58	2 8	5 14	1 29	3 59	2 14	24 6	0 32	19 15	1 9	16 48	16 48	23 1	23 4	3 48		n.a.
T 13	4 2	7 57	4 46	4 1	0 3	13 1	0 25	25 57	2 7	5 11	1 29	4 2	2 14	24 6	0 32	19 15	1 9	16 48	16 48	23 2	23 4	3 45		n.a.
F 14	4 26	13 10	4 13	4 44	0s 3	13 29	0 28	25 55	2 6	5 8	1 29	4 4	2 14	24 6	0 32	19 15	1 9	16 49	16 48	23 3	23 4	3 43		n.a.
S 15	4 51	17 29	3 24	5 28	0 10	13 57	0 30	25 54	2 5	5 5	1 29	4 7	2 14	24 6	0 32	19 15	1 9	16 49	16 48	23 4	23 5	3 40		n.a.
S 16	5 15	20 38	2 24	6 11	0 16	14 25	0 33	25 52	2 4	5 1	1 29	4 10	2 14	24 6	0 32	19 15	1 9	16 49	16 48	23 4	23 5	3 38		n.a.
M17	5 39	22 31	1 18	6 54	0 23	14 52	0 36	25 50	2 2	4 58	1 29	4 13	2 14	24 6	0 32	19 15	1 9	16 50	16 48	23 5	23 5	3 35		n.a.
T 18	6 3	23 6	0 11	7 37	0 29	15 19	0 38	25 47	2 1	4 55	1 29	4 15	2 14	24 6	0 32	19 15	1 9	16 50	16 48	23 5	23 6	3 32		n.a.
W19	6 27	22 28	0n56	8 19	0 35	15 45	0 41	25 45	2 0	4 52	1 28	4 18	2 14	24 6	0 32	19 15	1 9	16 50	16 48	23 5	23 6	3 30		n.a.
T 20	6 50	20 44	1 58	9 1	0 42	16 12	0 43	25 42	1 59	4 49	1 28	4 21	2 14	24 6	0 32	19 15	1 9	16 51	16 47	23 5	23 6	3 27		n.a.
F 21	7 14	18 6	2 54	9 42	0 48	16 37	0 46	25 39	1 58	4 46	1 28	4 24	2 14	24 6	0 32	19 16	1 9	16 51	16 47	23 5	23 7	3 25		n.a.
S 22	7 37	14 44	3 41	10 23	0 54	17 3	0 48	25 36	1 57	4 43	1 28	4 26	2 14	24 5	0 32	19 16	1 9	16 51	16 47	23 6	23 7	3 22		n.a.
S 23	8 1	10 48	4 18	11 3	1 0	17 27	0 51	25 32	1 55	4 40	1 28	4 29	2 14	24 5	0 32	19 16	1 9	16 51	16 47	23 7	23 7	3 20		n.a.
M24	8 24	6 29	4 44	11 43	1 6	17 52	0 53	25 28	1 54	4 37	1 28	4 32	2 14	24 5	0 32	19 16	1 9	16 52	16 47	23 8	23 8	3 17		n.a.
T 25	8 47	1 54	4 57	12 23	1 11	18 16	0 56	25 24	1 53	4 34	1 28	4 35	2 14	24 5	0 32	19 16	1 9	16 52	16 47	23 9	23 8	3 15		n.a.
W26	9 10	2s45	4 58	13 2	1 17	18 39	0 58	25 20	1 52	4 31	1 27	4 37	2 14	24 5	0 32	19 16	1 9	16 52	16 47	23 11	23 8	3 12		n.a.
T 27	9 33	7 21	4 46	13 40	1 22	19 2	1 0	25 16	1 51	4 28	1 27	4 40	2 14	24 5	0 32	19 16	1 9	16 52	16 46	23 12	23 9	3 9		n.a.
F 28	9 56	11 42	4 20	14 17	1 27	19 25	1 3	25 11	1 50	4 25	1 27	4 43	2 14	24 5	0 32	19 16	1 9	16 53	16 46	23 14	23 9	3 7		n.a.
S 29	10 19	15 37	3 43	14 54	1 32	19 46	1 5	25 6	1 48	4 22	1 27	4 45	2 14	24 5	0 32	19 16	1 9	16 53	16 46	23 15	23 9	3 4		n.a.
S 30	10 41	18 56	2 55	15 31	1 37	20 8	1 7	25 1	1 47	4 19	1 27	4 48	2 14	24 5	0 32	19 16	1 8	16 53	16 46	23 15	23 10	3 2		n.a.
M31	11s 3	21s26	1n58	16s 6	1s42	20s29	1s10	24s56	1s46	4n16	1s27	4s51	2n14	24s 4	0s32	19s16	1s 8	16s53	16s46	23n16	23n10	2n59		n.a.

Julian Day Number = 1316634.5, Delta T = 07h36m41s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'26, Lahiri = -19°15'25 Julian Calendar 1 Oct. 1109 BCE == Greg. Calendar 20 Sept. 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

NOVEMBER 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 17	29♎21'31	1♑57	9♏51	26♏22	13♑48	13°R50	17♎25	8♑32	9♒29	26°R 2	12°R 5	13♋ 5	4♎14	n.a.	T 1
W 2	2 4 14	0♏22'42	14°51	11°24	27°36	14°31	13♈43	17°32	8°34	9°29	26♓ 1	12°D 5	13° 2	4°21	n.a.	W 2
T 3	2 8 10	1°23'54	28° 3	12°57	28°50	15°14	13°35	17°39	8°36	9°29	26° 0	12°R 5	12°59	4°28	n.a.	T 3
F 4	2 12 7	2°25'05	11♒38	14°30	0♐ 5	15°56	13°28	17°45	8°38	9°30	25°59	12♋ 5	12°56	4°34	n.a.	F 4
S 5	2 16 3	3°26'18	25°37	16° 3	1°19	16°39	13°21	17°52	8°40	9°30	25°58	12° 3	12°53	4°41	n.a.	S 5
S 6	2 20 0	4°27'30	10♓ 1	17°36	2°34	17°22	13°14	17°59	8°42	9°30	25°57	11°58	12°49	4°48	n.a.	S 6
M 7	2 23 57	5°28'43	24°47	19° 8	3°48	18° 5	13° 7	18° 6	8°43	9°30	25°56	11°51	12°46	4°55	n.a.	M 7
T 8	2 27 53	6°29'56	9♈49	20°41	5° 2	18°48	13° 0	18°13	8°45	9°30	25°55	11°42	12°43	5° 1	n.a.	T 8
W 9	2 31 50	7°31'09	24°59	22°12	6°17	19°31	12°53	18°20	8°48	9°31	25°55	11°32	12°40	5° 8	n.a.	W 9
T 10	2 35 46	8°32'23	10♉ 6	23°44	7°31	20°14	12°46	18°26	8°50	9°31	25°54	11°22	12°37	5°15	n.a.	T 10
F 11	2 39 43	9°33'38	25° 0	25°15	8°45	20°57	12°40	18°33	8°52	9°31	25°53	11°13	12°34	5°21	n.a.	F 11
S 12	2 43 39	10°34'53	9♊32	26°45	9°59	21°40	12°33	18°40	8°54	9°32	25°52	11° 7	12°30	5°28	n.a.	S 12
S 13	2 47 36	11°36'08	23°37	28°14	11°13	22°23	12°27	18°46	8°56	9°32	25°51	11° 3	12°27	5°35	n.a.	S 13
M14	2 51 32	12°37'25	7♋14	29°43	12°28	23° 6	12°21	18°53	8°58	9°33	25°51	11°D 2	12°24	5°42	n.a.	M14
T 15	2 55 29	13°38'41	20°22	1♐10	13°42	23°49	12°15	19° 0	9° 1	9°33	25°50	11° 2	12°21	5°48	n.a.	T 15
W16	2 59 26	14°39'58	3♌ 5	2°35	14°56	24°32	12° 9	19° 6	9° 3	9°34	25°49	11° 3	12°18	5°55	n.a.	W16
T 17	3 3 22	15°41'16	15°28	3°59	16°10	25°15	12° 3	19°13	9° 5	9°34	25°49	11°R 3	12°14	6° 2	n.a.	T 17
F 18	3 7 19	16°42'34	27°35	5°21	17°24	25°58	11°58	19°19	9° 8	9°35	25°48	11° 3	12°11	6° 8	n.a.	F 18
S 19	3 11 15	17°43'52	9♍32	6°40	18°38	26°41	11°52	19°26	9°10	9°35	25°47	11° 0	12° 8	6°15	n.a.	S 19
S 20	3 15 12	18°45'11	21°24	7°56	19°52	27°24	11°47	19°32	9°13	9°36	25°47	10°55	12° 5	6°22	n.a.	S 20
M21	3 19 8	19°46'30	3♎14	9° 9	21° 6	28° 7	11°42	19°39	9°15	9°37	25°46	10°47	12° 2	6°29	n.a.	M21
T 22	3 23 5	20°47'49	15° 7	10°18	22°20	28°50	11°37	19°45	9°18	9°37	25°45	10°38	11°59	6°35	n.a.	T 22
W23	3 27 1	21°49'09	27° 5	11°22	23°34	29°33	11°33	19°51	9°20	9°38	25°45	10°29	11°55	6°42	n.a.	W23
T 24	3 30 58	22°50'28	9♏10	12°20	24°48	0♒16	11°28	19°58	9°23	9°39	25°44	10°19	11°52	6°49	n.a.	T 24
F 25	3 34 55	23°51'47	21°23	13°12	26° 2	0°59	11°24	20° 4	9°25	9°40	25°44	10°10	11°49	6°56	n.a.	F 25
S 26	3 38 51	24°53'07	3♐45	13°58	27°15	1°41	11°20	20°10	9°28	9°41	25°43	10° 2	11°46	7° 2	n.a.	S 26
S 27	3 42 48	25°54'26	16°18	14°35	28°29	2°24	11°16	20°16	9°31	9°42	25°43	9°57	11°43	7° 9	n.a.	S 27
M28	3 46 44	26°55'44	29° 0	15° 3	29°43	3° 7	11°12	20°22	9°33	9°42	25°42	9°55	11°40	7°16	n.a.	M28
T 29	3 50 41	27°57'03	11♑54	15°22	0♑57	3°50	11° 9	20°28	9°36	9°43	25°42	9°D54	11°36	7°22	n.a.	T 29
W30	3 54 37	28♏58'20	25♑ 1	15°R30	2♑10	4♒33	11♈ 6	20♎34	9♑39	9♒44	25♓41	9♋55	11♋33	7♎29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s25	22s55	0n53	16s41	1s46	20s49	1s12	24s50	1s45	4n13	1s26	4s53	2n14	24s 4	0s32	19s16	1s 8	16s53	16s45	23n16	23n10	2n57		n.a.
W 2	11 47	23 14	0s15	17 15	1 51	21 8	1 14	24 44	1 44	4 10	1 26	4 56	2 14	24 4	0 32	19 16	1 8	16 54	16 45	23 16	23 11	2 54		n.a.
T 3	12 9	22 15	1 24	17 48	1 54	21 28	1 16	24 38	1 43	4 8	1 26	4 59	2 14	24 4	0 32	19 16	1 8	16 54	16 45	23 16	23 11	2 51		n.a.
F 4	12 30	19 58	2 30	18 20	1 58	21 46	1 18	24 32	1 41	4 5	1 26	5 1	2 14	24 4	0 32	19 16	1 8	16 54	16 45	23 16	23 11	2 49		n.a.
S 5	12 52	16 28	3 29	18 51	2 1	22 4	1 20	24 26	1 40	4 2	1 26	5 4	2 14	24 4	0 31	19 16	1 8	16 54	16 44	23 16	23 11	2 46		n.a.
S 6	13 13	11 54	4 17	19 21	2 4	22 21	1 22	24 19	1 39	4 0	1 25	5 7	2 14	24 4	0 31	19 16	1 8	16 54	16 44	23 17	23 12	2 44		n.a.
M 7	13 34	6 31	4 50	19 49	2 7	22 38	1 24	24 12	1 38	3 57	1 25	5 9	2 14	24 3	0 31	19 15	1 8	16 54	16 44	23 17	23 12	2 41		n.a.
T 8	13 54	0 41	5 3	20 17	2 9	22 54	1 26	24 5	1 37	3 55	1 25	5 12	2 14	24 3	0 31	19 15	1 8	16 54	16 44	23 18	23 12	2 39		n.a.
W 9	14 15	5n16	4 55	20 44	2 11	23 9	1 28	23 57	1 36	3 52	1 25	5 14	2 14	24 3	0 31	19 15	1 8	16 55	16 43	23 19	23 13	2 36		n.a.
T 10	14 35	10 53	4 26	21 9	2 13	23 23	1 30	23 50	1 34	3 50	1 24	5 17	2 14	24 3	0 31	19 15	1 8	16 55	16 43	23 20	23 13	2 33		n.a.
F 11	14 55	15 46	3 40	21 33	2 14	23 37	1 31	23 42	1 33	3 47	1 24	5 19	2 14	24 3	0 31	19 15	1 8	16 55	16 43	23 21	23 13	2 31		n.a.
S 12	15 14	19 36	2 40	21 55	2 14	23 50	1 33	23 34	1 32	3 45	1 24	5 22	2 14	24 3	0 31	19 15	1 8	16 55	16 43	23 21	23 14	2 28		n.a.
S 13	15 33	22 9	1 32	22 16	2 14	24 3	1 35	23 26	1 31	3 43	1 24	5 24	2 14	24 2	0 31	19 15	1 8	16 55	16 42	23 21	23 14	2 26		n.a.
M14	15 53	23 17	0 20	22 35	2 13	24 15	1 36	23 17	1 30	3 41	1 23	5 27	2 14	24 2	0 31	19 15	1 8	16 55	16 42	23 22	23 14	2 23		n.a.
T 15	16 11	23 4	0n50	22 52	2 12	24 26	1 38	23 9	1 29	3 39	1 23	5 29	2 14	24 2	0 31	19 14	1 8	16 55	16 42	23 22	23 15	2 20		n.a.
W16	16 30	21 39	1 55	23 8	2 10	24 36	1 39	23 0	1 28	3 37	1 23	5 32	2 14	24 2	0 31	19 14	1 8	16 55	16 42	23 21	23 15	2 18		n.a.
T 17	16 48	19 13	2 54	23 22	2 7	24 46	1 40	22 51	1 26	3 35	1 23	5 34	2 14	24 2	0 31	19 14	1 8	16 55	16 41	23 21	23 15	2 15		n.a.
F 18	17 6	15 59	3 43	23 34	2 4	24 54	1 42	22 42	1 25	3 33	1 22	5 37	2 14	24 2	0 31	19 14	1 8	16 55	16 41	23 22	23 15	2 13		n.a.
S 19	17 24	12 9	4 22	23 44	1 59	25 2	1 43	22 32	1 24	3 31	1 22	5 39	2 14	24 1	0 31	19 14	1 8	16 55	16 41	23 22	23 16	2 10		n.a.
S 20	17 41	7 52	4 49	23 52	1 54	25 10	1 44	22 22	1 23	3 29	1 22	5 42	2 14	24 1	0 31	19 13	1 8	16 55	16 40	23 22	23 16	2 7		n.a.
M21	17 58	3 19	5 3	23 58	1 48	25 16	1 45	22 13	1 22	3 27	1 21	5 44	2 15	24 1	0 31	19 13	1 8	16 55	16 40	23 23	23 16	2 5		n.a.
T 22	18 15	1s22	5 5	24 1	1 41	25 22	1 46	22 3	1 21	3 26	1 21	5 46	2 15	24 1	0 31	19 13	1 8	16 55	16 40	23 24	23 17	2 2		n.a.
W23	18 31	6 2	4 54	24 2	1 33	25 27	1 47	21 52	1 20	3 24	1 21	5 49	2 15	24 1	0 31	19 13	1 8	16 55	16 40	23 24	23 17	1 59		n.a.
T 24	18 47	10 32	4 29	24 1	1 23	25 31	1 48	21 42	1 19	3 23	1 21	5 51	2 15	24 0	0 31	19 13	1 8	16 55	16 39	23 25	23 17	1 57		n.a.
F 25	19 2	14 41	3 51	23 57	1 13	25 35	1 49	21 31	1 17	3 21	1 20	5 53	2 15	24 0	0 31	19 12	1 8	16 55	16 39	23 26	23 17	1 54		n.a.
S 26	19 18	18 15	3 3	23 51	1 1	25 38	1 50	21 21	1 16	3 20	1 20	5 56	2 15	24 0	0 31	19 12	1 8	16 55	16 39	23 26	23 18	1 52		n.a.
S 27	19 33	21 3	2 4	23 42	0 48	25 39	1 50	21 10	1 15	3 19	1 20	5 58	2 15	24 0	0 31	19 12	1 8	16 55	16 38	23 27	23 18	1 49		n.a.
M28	19 47	22 51	0 59	23 31	0 33	25 41	1 51	20 59	1 14	3 17	1 19	6 0	2 15	24 0	0 31	19 11	1 8	16 54	16 38	23 27	23 18	1 46		n.a.
T 29	20 1	23 28	0s11	23 18	0 18	25 41	1 51	20 47	1 13	3 16	1 19	6 2	2 15	23 59	0 31	19 11	1 8	16 54	16 38	23 27	23 19	1 44		n.a.
W30	20s15	22s48	1s21	23s 2	0s 1	25s40	1s52	20s36	1s12	3n15	1s19	6s 5	2n15	23s59	0s31	19s11	1s 8	16s54	16s37	23n27	23n19	1n41		n.a.

Julian Day Number = 1316665.5, Delta T = 07h36m40s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'21, Lahiri = -19°15'21 Julian Calendar 1 Nov. 1109 BCE == Greg. Calendar 21 Oct. 1109 BCE

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ASTRODIENST EPHEMERIS for the year 1109 BCE
geocentric

DECEMBER 1109 BCE (-1108) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 34	29♏59'38	8♒21	15°R26	3♑24	5♒16	11°R 2	20♎40	9♑42	9♒45	25°R41	9♋57	11♋30	7♎36	n.a.	T 1
F 2	4 2 31	1♐ 0'54	21°58	15♐11	4°38	5°59	11♈ 0	20°46	9°45	9°46	25♓41	9°58	11°27	7°43	n.a.	F 2
S 3	4 6 27	2° 2'10	5♓50	14°44	5°51	6°42	10°57	20°52	9°48	9°48	25°40	9°R58	11°24	7°49	n.a.	S 3
S 4	4 10 24	3° 3'24	20° 0	14° 6	7° 5	7°25	10°54	20°58	9°51	9°49	25°40	9°57	11°20	7°56	n.a.	S 4
M 5	4 14 20	4° 4'38	4♈24	13°16	8°18	8° 8	10°52	21° 4	9°54	9°50	25°39	9°54	11°17	8° 3	n.a.	M 5
T 6	4 18 17	5° 5'51	19° 1	12°17	9°31	8°51	10°50	21°10	9°56	9°51	25°39	9°49	11°14	8°10	n.a.	T 6
W 7	4 22 13	6° 7'04	3♉44	11°10	10°45	9°34	10°48	21°15	9°59	9°52	25°39	9°44	11°11	8°16	n.a.	W 7
T 8	4 26 10	7° 8'15	18°26	9°57	11°58	10°16	10°46	21°21	10° 2	9°53	25°39	9°39	11° 8	8°23	n.a.	T 8
F 9	4 30 6	8° 9'26	3♊ 1	8°39	13°11	10°59	10°45	21°26	10° 6	9°55	25°38	9°35	11° 5	8°30	n.a.	F 9
S 10	4 34 3	9°10'36	17°20	7°21	14°24	11°42	10°43	21°32	10° 9	9°56	25°38	9°31	11° 1	8°36	n.a.	S 10
S 11	4 38 0	10°11'45	1♋20	6° 3	15°37	12°25	10°42	21°37	10°12	9°57	25°38	9°30	10°58	8°43	n.a.	S 11
M12	4 41 56	11°12'54	14°55	4°49	16°50	13° 8	10°41	21°43	10°15	9°59	25°38	9°D30	10°55	8°50	n.a.	M12
T 13	4 45 53	12°14'02	28° 7	3°41	18° 3	13°50	10°41	21°48	10°18	10° 0	25°38	9°31	10°52	8°57	n.a.	T 13
W14	4 49 49	13°15'09	10♌55	2°39	19°16	14°33	10°40	21°53	10°21	10° 2	25°37	9°32	10°49	9° 3	n.a.	W14
T 15	4 53 46	14°16'16	23°24	1°45	20°29	15°16	10°40	21°58	10°24	10° 3	25°37	9°34	10°46	9°10	n.a.	T 15
F 16	4 57 42	15°17'22	5♍36	1° 0	21°42	15°58	10°D40	22° 3	10°28	10° 4	25°37	9°35	10°42	9°17	n.a.	F 16
S 17	5 1 39	16°18'27	17°36	0°24	22°55	16°41	10°40	22° 8	10°31	10° 6	25°37	9°R36	10°39	9°24	n.a.	S 17
S 18	5 5 36	17°19'31	29°30	29♏57	24° 7	17°24	10°40	22°13	10°34	10° 7	25°37	9°35	10°36	9°30	n.a.	S 18
M19	5 9 32	18°20'35	11♎22	29°39	25°20	18° 6	10°41	22°18	10°37	10° 9	25°37	9°33	10°33	9°37	n.a.	M19
T 20	5 13 29	19°21'38	23°16	29°29	26°32	18°49	10°42	22°23	10°40	10°11	25°D37	9°31	10°30	9°44	n.a.	T 20
W21	5 17 25	20°22'40	5♏16	29°D28	27°45	19°32	10°43	22°28	10°44	10°12	25°37	9°28	10°26	9°50	n.a.	W21
T 22	5 21 22	21°23'40	17°27	29°35	28°57	20°14	10°44	22°33	10°47	10°14	25°37	9°25	10°23	9°57	n.a.	T 22
F 23	5 25 18	22°24'40	29°49	29°49	0♒10	20°57	10°45	22°37	10°50	10°15	25°37	9°22	10°20	10° 4	n.a.	F 23
S 24	5 29 15	23°25'39	12♐25	0♐ 9	1°22	21°39	10°47	22°42	10°54	10°17	25°37	9°20	10°17	10°11	n.a.	S 24
S 25	5 33 11	24°26'37	25°15	0°35	2°34	22°22	10°49	22°46	10°57	10°19	25°37	9°18	10°14	10°17	n.a.	S 25
M26	5 37 8	25°27'33	8♑20	1° 7	3°46	23° 4	10°51	22°51	11° 0	10°21	25°37	9°D18	10°11	10°24	n.a.	M26
T 27	5 41 5	26°28'28	21°38	1°44	4°58	23°47	10°53	22°55	11° 4	10°22	25°38	9°18	10° 7	10°31	n.a.	T 27
W28	5 45 1	27°29'22	5♒ 9	2°25	6°10	24°29	10°55	22°59	11° 7	10°24	25°38	9°19	10° 4	10°38	n.a.	W28
T 29	5 48 58	28°30'14	18°51	3°11	7°22	25°12	10°58	23° 4	11°11	10°26	25°38	9°20	10° 1	10°44	n.a.	T 29
F 30	5 52 54	29°31'04	2♓43	4° 0	8°33	25°54	11° 1	23° 8	11°14	10°28	25°38	9°21	9°58	10°51	n.a.	F 30
S 31	5 56 51	0♑31'52	16♓44	4♐53	9♒45	26♒36	11♈ 3	23♎12	11♑17	10♒29	25♓38	9♋22	9♋55	10♎58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s29	20s51	2s28	22s44	0n17	25s39	1s52	20s24	1s11	3n14	1s18	6s 7	2n15	23s59	0s31	19s11	1s 8	16s54	16s37	23n27	23n19	1n39			n.a.
F 2	20 42	17 42	3 29	22 24	0 36	25 37	1 53	20 12	1 10	3 13	1 18	6 9	2 16	23 59	0 31	19 10	1 8	16 54	16 37	23 27	23 19	1 36			n.a.
S 3	20 54	13 30	4 18	22 1	0 55	25 34	1 53	20 0	1 9	3 13	1 18	6 11	2 16	23 58	0 31	19 10	1 8	16 54	16 36	23 27	23 20	1 33			n.a.
S 4	21 6	8 30	4 53	21 37	1 15	25 31	1 53	19 48	1 8	3 12	1 17	6 13	2 16	23 58	0 31	19 10	1 8	16 54	16 36	23 27	23 20	1 31			n.a.
M 5	21 18	2 57	5 10	21 12	1 34	25 26	1 53	19 36	1 7	3 11	1 17	6 15	2 16	23 58	0 31	19 9	1 7	16 54	16 36	23 27	23 20	1 28			n.a.
T 6	21 30	2n50	5 7	20 45	1 54	25 21	1 53	19 23	1 6	3 11	1 17	6 17	2 16	23 58	0 31	19 9	1 7	16 53	16 35	23 27	23 21	1 25			n.a.
W 7	21 41	8 30	4 44	20 18	2 12	25 15	1 53	19 11	1 5	3 10	1 16	6 19	2 16	23 58	0 31	19 9	1 7	16 53	16 35	23 28	23 21	1 23			n.a.
T 8	21 51	13 42	4 3	19 51	2 29	25 9	1 52	18 58	1 3	3 10	1 16	6 21	2 16	23 57	0 31	19 8	1 7	16 53	16 35	23 28	23 21	1 20			n.a.
F 9	22 1	18 3	3 6	19 24	2 44	25 1	1 52	18 45	1 2	3 10	1 16	6 23	2 16	23 57	0 31	19 8	1 7	16 53	16 34	23 28	23 21	1 17			n.a.
S 10	22 11	21 15	1 58	18 58	2 57	24 53	1 52	18 32	1 1	3 9	1 15	6 25	2 17	23 57	0 31	19 7	1 7	16 52	16 34	23 29	23 22	1 15			n.a.
S 11	22 20	23 5	0 45	18 34	3 8	24 44	1 51	18 19	1 0	3 9	1 15	6 27	2 17	23 57	0 31	19 7	1 7	16 52	16 34	23 29	23 22	1 12			n.a.
M12	22 29	23 28	0n30	18 13	3 17	24 34	1 51	18 6	0 59	3 9	1 15	6 29	2 17	23 56	0 31	19 7	1 7	16 52	16 33	23 29	23 22	1 9			n.a.
T 13	22 37	22 31	1 40	17 54	3 23	24 24	1 50	17 52	0 58	3 9	1 14	6 31	2 17	23 56	0 31	19 6	1 7	16 52	16 33	23 29	23 22	1 7			n.a.
W14	22 45	20 24	2 44	17 39	3 27	24 13	1 49	17 38	0 57	3 9	1 14	6 33	2 17	23 56	0 31	19 6	1 7	16 51	16 33	23 29	23 23	1 4			n.a.
T 15	22 53	17 22	3 38	17 26	3 29	24 1	1 48	17 25	0 56	3 10	1 14	6 35	2 17	23 56	0 31	19 5	1 7	16 51	16 32	23 28	23 23	1 2			n.a.
F 16	23 0	13 38	4 21	17 18	3 28	23 49	1 47	17 11	0 55	3 10	1 13	6 36	2 17	23 55	0 31	19 5	1 7	16 51	16 32	23 28	23 23	0 59			n.a.
S 17	23 7	9 26	4 52	17 12	3 26	23 35	1 46	16 57	0 54	3 10	1 13	6 38	2 18	23 55	0 31	19 5	1 7	16 51	16 31	23 28	23 23	0 56			n.a.
S 18	23 13	4 55	5 10	17 11	3 22	23 22	1 45	16 43	0 53	3 11	1 13	6 40	2 18	23 55	0 31	19 4	1 7	16 50	16 31	23 28	23 24	0 54			n.a.
M19	23 18	0 15	5 14	17 12	3 17	23 7	1 44	16 28	0 52	3 11	1 12	6 42	2 18	23 55	0 31	19 4	1 7	16 50	16 31	23 29	23 24	0 51			n.a.
T 20	23 23	4s27	5 6	17 16	3 11	22 52	1 43	16 14	0 51	3 12	1 12	6 43	2 18	23 54	0 31	19 3	1 7	16 50	16 30	23 29	23 24	0 48			n.a.
W21	23 28	9 2	4 43	17 23	3 4	22 36	1 41	16 0	0 50	3 13	1 12	6 45	2 18	23 54	0 31	19 3	1 7	16 49	16 30	23 29	23 24	0 46			n.a.
T 22	23 32	13 21	4 8	17 32	2 56	22 19	1 40	15 45	0 49	3 13	1 11	6 46	2 18	23 54	0 31	19 2	1 7	16 49	16 30	23 29	23 25	0 43			n.a.
F 23	23 36	17 10	3 21	17 43	2 47	22 2	1 38	15 30	0 48	3 14	1 11	6 48	2 18	23 53	0 31	19 2	1 7	16 49	16 29	23 29	23 25	0 40			n.a.
S 24	23 40	20 17	2 23	17 56	2 38	21 45	1 36	15 15	0 47	3 15	1 11	6 50	2 19	23 53	0 31	19 1	1 7	16 48	16 29	23 30	23 25	0 38			n.a.
S 25	23 42	22 28	1 17	18 11	2 29	21 26	1 35	15 1	0 46	3 16	1 10	6 51	2 19	23 53	0 31	19 1	1 7	16 48	16 29	23 30	23 25	0 35			n.a.
M26	23 45	23 28	0 5	18 27	2 19	21 7	1 33	14 45	0 45	3 17	1 10	6 53	2 19	23 53	0 31	19 0	1 7	16 48	16 28	23 30	23 26	0 32			n.a.
T 27	23 47	23 10	1s 8	18 44	2 9	20 48	1 31	14 30	0 44	3 18	1 10	6 54	2 19	23 52	0 31	19 0	1 7	16 47	16 28	23 30	23 26	0 30			n.a.
W28	23 48	21 31	2 18	19 2	1 59	20 28	1 29	14 15	0 43	3 20	1 10	6 56	2 19	23 52	0 31	18 59	1 7	16 47	16 27	23 30	23 26	0 27			n.a.
T 29	23 49	18 36	3 22	19 21	1 49	20 7	1 27	14 0	0 42	3 21	1 9	6 57	2 19	23 52	0 31	18 59	1 7	16 46	16 27	23 30	23 26	0 24			n.a.
F 30	23 50	14 37	4 14	19 40	1 39	19 46	1 25	13 44	0 41	3 22	1 9	6 58	2 20	23 51	0 31	18 58	1 7	16 46	16 27	23 29	23 27	0 22			n.a.
S 31	23s49	9s48	4s53	20s 0	1n29	19s25	1s22	13s29	0s40	3n24	1s 9	7s 0	2n20	23s51	0s31	18s58	1s 7	16s46	16s26	23n29	23n27	0n19			n.a.

Julian Day Number = 1316695.5, Delta T = 07h36m38s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'17, Lahiri = -19°15'17 Julian Calendar 1 Dec. 1109 BCE == Greg. Calendar 20 Nov. 1109 BCE

The year -1108 astronomical counting style corresponds to year 1109 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

JANUARY 1108 BCE (-1107) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 47	1♉32'39	0♈51	5♐50	10♒57	27♒19	11♈ 7	23♎16	11♉21	10♒31	25♓39	9°R22	9♋52	11♎ 4	n.a.	S 1
M 2	6 4 44	2°33'23	15° 4	6°49	12° 8	28° 1	11°10	23°19	11°24	10°33	25°39	9♋22	9°48	11°11	n.a.	M 2
T 3	6 8 40	3°34'06	29°20	7°51	13°19	28°43	11°14	23°23	11°28	10°35	25°39	9°21	9°45	11°18	n.a.	T 3
W 4	6 12 37	4°34'47	13♉35	8°55	14°30	29°25	11°17	23°27	11°31	10°37	25°40	9°21	9°42	11°25	n.a.	W 4
T 5	6 16 34	5°35'27	27°47	10° 1	15°42	0♓ 8	11°21	23°31	11°35	10°39	25°40	9°20	9°39	11°31	n.a.	T 5
F 6	6 20 30	6°36'04	11♊52	11°10	16°52	0°50	11°25	23°34	11°38	10°41	25°40	9°20	9°36	11°38	n.a.	F 6
S 7	6 24 27	7°36'40	25°45	12°21	18° 3	1°32	11°30	23°38	11°42	10°43	25°41	9°20	9°32	11°45	n.a.	S 7
S 8	6 28 23	8°37'14	9♋24	13°33	19°14	2°14	11°34	23°41	11°45	10°45	25°41	9°D20	9°29	11°51	n.a.	S 8
M 9	6 32 20	9°37'46	22°47	14°48	20°25	2°56	11°39	23°44	11°48	10°47	25°41	9°R20	9°26	11°58	n.a.	M 9
T 10	6 36 16	10°38'17	5♌51	16° 3	21°35	3°38	11°43	23°47	11°52	10°49	25°42	9°20	9°23	12° 5	n.a.	T 10
W11	6 40 13	11°38'46	18°37	17°21	22°45	4°20	11°48	23°50	11°55	10°51	25°42	9°19	9°20	12°12	n.a.	W11
T 12	6 44 10	12°39'13	1♍ 6	18°40	23°56	5° 2	11°54	23°53	11°59	10°53	25°43	9°19	9°17	12°18	n.a.	T 12
F 13	6 48 6	13°39'39	13°20	20° 0	25° 6	5°44	11°59	23°56	12° 2	10°55	25°43	9°18	9°13	12°25	n.a.	F 13
S 14	6 52 3	14°40'03	25°23	21°22	26°16	6°26	12° 4	23°59	12° 6	10°57	25°44	9°18	9°10	12°32	n.a.	S 14
S 15	6 55 59	15°40'25	7♎19	22°45	27°25	7° 8	12°10	24° 2	12° 9	10°59	25°44	9°18	9° 7	12°39	n.a.	S 15
M16	6 59 56	16°40'46	19°12	24° 9	28°35	7°50	12°16	24° 5	12°13	11° 1	25°45	9°D18	9° 4	12°45	n.a.	M16
T 17	7 3 52	17°41'06	1♏ 6	25°34	29°45	8°32	12°22	24° 7	12°16	11° 3	25°46	9°18	9° 1	12°52	n.a.	T 17
W18	7 7 49	18°41'23	13° 7	27° 1	0♓54	9°14	12°28	24°10	12°20	11° 5	25°46	9°18	8°58	12°59	n.a.	W18
T 19	7 11 45	19°41'39	25°19	28°28	2° 3	9°55	12°34	24°12	12°23	11° 8	25°47	9°19	8°54	13° 5	n.a.	T 19
F 20	7 15 42	20°41'54	7♐46	29°57	3°12	10°37	12°41	24°14	12°26	11°10	25°48	9°21	8°51	13°12	n.a.	F 20
S 21	7 19 39	21°42'06	20°30	1♑27	4°21	11°19	12°48	24°16	12°30	11°12	25°48	9°22	8°48	13°19	n.a.	S 21
S 22	7 23 35	22°42'17	3♑34	2°58	5°30	12° 1	12°54	24°18	12°33	11°14	25°49	9°R22	8°45	13°26	n.a.	S 22
M23	7 27 32	23°42'26	16°58	4°30	6°38	12°42	13° 1	24°20	12°37	11°16	25°50	9°22	8°42	13°32	n.a.	M23
T 24	7 31 28	24°42'33	0♒41	6° 3	7°47	13°24	13° 9	24°22	12°40	11°18	25°50	9°21	8°38	13°39	n.a.	T 24
W25	7 35 25	25°42'38	14°40	7°38	8°55	14° 6	13°16	24°24	12°44	11°21	25°51	9°20	8°35	13°46	n.a.	W25
T 26	7 39 21	26°42'40	28°51	9°13	10° 3	14°47	13°23	24°26	12°47	11°23	25°52	9°17	8°32	13°53	n.a.	T 26
F 27	7 43 18	27°42'41	13♓10	10°50	11°11	15°29	13°31	24°27	12°50	11°25	25°53	9°15	8°29	13°59	n.a.	F 27
S 28	7 47 14	28°42'39	27°32	12°27	12°18	16°10	13°38	24°29	12°54	11°27	25°53	9°13	8°26	14° 6	n.a.	S 28
S 29	7 51 11	29°42'35	11♈52	14° 6	13°26	16°52	13°46	24°30	12°57	11°30	25°54	9°11	8°23	14°13	n.a.	S 29
M30	7 55 7	0♒42'28	26° 8	15°46	14°33	17°33	13°54	24°32	13° 0	11°32	25°55	9°D10	8°19	14°19	n.a.	M30
T 31	7 59 4	1♒42'19	10♉15	17♑27	15♓40	18♓15	14♈ 2	24♎33	13♑ 4	11♒34	25♓56	9♋10	8♋16	14♎26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s49	4s26	5s13	20s20	1n19	19s 3	1s20	13s13	0s39	3n25	1s 8	7s 1	2n20	23s51	0s31	18s57	1s 7	16s45	16s26	23n29	23n27	0n16			n.a.
M 2	23 48	1n12	5 15	20 40	1 9	18 40	1 17	12 57	0 39	3 27	1 8	7 2	2 20	23 51	0 31	18 57	1 7	16 45	16 26	23 29	23 27	0 14			n.a.
T 3	23 47	6 46	4 58	21 0	0 59	18 17	1 15	12 42	0 38	3 29	1 8	7 3	2 20	23 50	0 31	18 56	1 7	16 44	16 25	23 29	23 28	0 11			n.a.
W 4	23 45	12 0	4 22	21 19	0 50	17 54	1 12	12 26	0 37	3 30	1 7	7 5	2 21	23 50	0 31	18 56	1 7	16 44	16 25	23 29	23 28	0 8			n.a.
T 5	23 42	16 34	3 31	21 39	0 40	17 30	1 9	12 10	0 36	3 32	1 7	7 6	2 21	23 50	0 31	18 55	1 7	16 43	16 25	23 29	23 28	0 6			n.a.
F 6	23 40	20 9	2 27	21 58	0 31	17 5	1 7	11 54	0 35	3 34	1 7	7 7	2 21	23 49	0 31	18 55	1 7	16 43	16 24	23 30	23 28	0 3			n.a.
S 7	23 36	22 31	1 15	22 17	0 22	16 40	1 4	11 38	0 34	3 36	1 6	7 8	2 21	23 49	0 31	18 54	1 7	16 42	16 24	23 30	23 29	0 0			n.a.
S 8	23 32	23 30	0n 0	22 35	0 13	16 15	1 1	11 22	0 33	3 38	1 6	7 9	2 21	23 49	0 31	18 54	1 7	16 42	16 24	23 30	23 29	0s 2			n.a.
M 9	23 28	23 5	1 14	22 53	0 4	15 50	0 58	11 5	0 32	3 40	1 6	7 10	2 22	23 48	0 31	18 53	1 7	16 41	16 23	23 30	23 29	0 5			n.a.
T 10	23 24	21 24	2 22	23 9	0s 4	15 24	0 54	10 49	0 31	3 42	1 5	7 11	2 22	23 48	0 31	18 52	1 7	16 41	16 23	23 30	23 29	0 8			n.a.
W11	23 18	18 40	3 21	23 26	0 13	14 57	0 51	10 33	0 30	3 45	1 5	7 12	2 22	23 48	0 31	18 52	1 7	16 40	16 23	23 30	23 30	0 10			n.a.
T 12	23 13	15 8	4 9	23 41	0 21	14 31	0 48	10 16	0 29	3 47	1 5	7 13	2 22	23 47	0 31	18 51	1 7	16 40	16 22	23 30	23 30	0 13			n.a.
F 13	23 7	11 1	4 45	23 55	0 29	14 4	0 44	10 0	0 29	3 49	1 5	7 14	2 22	23 47	0 31	18 51	1 7	16 39	16 22	23 30	23 30	0 16			n.a.
S 14	23 0	6 33	5 8	24 9	0 36	13 36	0 41	9 43	0 28	3 52	1 4	7 15	2 23	23 47	0 31	18 50	1 7	16 39	16 22	23 30	23 30	0 19			n.a.
S 15	22 53	1 53	5 17	24 21	0 44	13 9	0 37	9 27	0 27	3 54	1 4	7 16	2 23	23 47	0 31	18 49	1 7	16 38	16 21	23 30	23 30	0 21			n.a.
M16	22 46	2s50	5 12	24 32	0 51	12 41	0 34	9 10	0 26	3 57	1 4	7 16	2 23	23 46	0 31	18 49	1 7	16 38	16 21	23 30	23 31	0 24			n.a.
T 17	22 38	7 27	4 54	24 43	0 58	12 13	0 30	8 53	0 25	4 0	1 3	7 17	2 23	23 46	0 31	18 48	1 7	16 37	16 21	23 30	23 31	0 27			n.a.
W18	22 30	11 51	4 23	24 52	1 4	11 44	0 26	8 37	0 24	4 2	1 3	7 18	2 23	23 46	0 31	18 48	1 7	16 37	16 20	23 30	23 31	0 29			n.a.
T 19	22 21	15 50	3 40	24 59	1 10	11 16	0 22	8 20	0 23	4 5	1 3	7 19	2 24	23 45	0 31	18 47	1 7	16 36	16 20	23 30	23 31	0 32			n.a.
F 20	22 12	19 14	2 46	25 6	1 16	10 47	0 18	8 3	0 22	4 8	1 2	7 19	2 24	23 45	0 31	18 46	1 7	16 36	16 20	23 29	23 32	0 35			n.a.
S 21	22 3	21 47	1 43	25 11	1 22	10 18	0 14	7 46	0 22	4 11	1 2	7 20	2 24	23 45	0 31	18 46	1 7	16 35	16 19	23 29	23 32	0 37			n.a.
S 22	21 53	23 15	0 32	25 15	1 27	9 48	0 10	7 29	0 21	4 14	1 2	7 20	2 24	23 44	0 31	18 45	1 7	16 34	16 19	23 29	23 32	0 40			n.a.
M23	21 42	23 25	0s42	25 17	1 32	9 19	0 6	7 12	0 20	4 17	1 2	7 21	2 24	23 44	0 31	18 45	1 7	16 34	16 19	23 29	23 32	0 43			n.a.
T 24	21 32	22 12	1 55	25 18	1 37	8 49	0 2	6 55	0 19	4 20	1 1	7 22	2 25	23 44	0 31	18 44	1 7	16 33	16 18	23 29	23 32	0 45			n.a.
W25	21 21	19 36	3 3	25 18	1 42	8 19	0n 2	6 38	0 18	4 23	1 1	7 22	2 25	23 43	0 31	18 43	1 7	16 33	16 18	23 30	23 33	0 48			n.a.
T 26	21 9	15 48	4 0	25 15	1 46	7 49	0 7	6 21	0 17	4 26	1 1	7 22	2 25	23 43	0 31	18 43	1 7	16 32	16 18	23 30	23 33	0 51			n.a.
F 27	20 57	11 3	4 43	25 11	1 49	7 19	0 11	6 4	0 17	4 29	1 1	7 23	2 25	23 43	0 31	18 42	1 7	16 32	16 17	23 30	23 33	0 54			n.a.
S 28	20 45	5 42	5 8	25 6	1 53	6 49	0 15	5 47	0 16	4 33	1 0	7 23	2 25	23 42	0 31	18 42	1 7	16 31	16 17	23 30	23 33	0 56			n.a.
S 29	20 32	0 3	5 15	24 59	1 55	6 18	0 20	5 30	0 15	4 36	1 0	7 24	2 26	23 42	0 31	18 41	1 7	16 30	16 17	23 30	23 33	0 59			n.a.
M30	20 19	5n34	5 1	24 50	1 58	5 48	0 25	5 13	0 14	4 39	1 0	7 24	2 26	23 42	0 31	18 40	1 7	16 30	16 16	23 30	23 34	1 2			n.a.
T 31	20s 6	10n52	4s30	24s39	2s 0	5s17	0n29	4s56	0s13	4n43	0s59	7s24	2n26	23s41	0s31	18s40	1s 7	16s29	16s16	23n30	23n34	1s 4			n.a.

Julian Day Number = 1316726.5, Delta T = 07h36m37s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'13, Lahiri = -19°15'13 Julian Calendar 1 Jan. 1108 BCE == Greg. Calendar 21 Dec. 1109 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

FEBRUARY 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 3 1	2♒42'07	24♉13	19♑ 9	16♓47	18♓56	14♈11	24♎34	13♑ 7	11♒36	25♓57	9♋11	8♋13	14♎33	n.a.	W 1
T 2	8 6 57	3°41'54	8♊ 1	20°52	17°53	19°37	14°19	24°35	13°10	11°38	25°58	9°13	8°10	14°40	n.a.	T 2
F 3	8 10 54	4°41'37	21°38	22°36	19° 0	20°19	14°28	24°36	13°14	11°41	25°59	9°14	8° 7	14°46	n.a.	F 3
S 4	8 14 50	5°41'19	5♋ 4	24°22	20° 6	21° 0	14°36	24°37	13°17	11°43	26° 0	9°R15	8° 4	14°53	n.a.	S 4
S 5	8 18 47	6°40'58	18°17	26° 9	21°12	21°41	14°45	24°37	13°20	11°45	26° 1	9°15	8° 0	15° 0	n.a.	S 5
M 6	8 22 43	7°40'35	1♌18	27°57	22°17	22°22	14°54	24°38	13°23	11°48	26° 2	9°13	7°57	15° 7	n.a.	M 6
T 7	8 26 40	8°40'10	14° 6	29°46	23°23	23° 4	15° 3	24°38	13°27	11°50	26° 2	9°10	7°54	15°13	n.a.	T 7
W 8	8 30 36	9°39'42	26°42	1♒36	24°28	23°45	15°12	24°39	13°30	11°52	26° 3	9° 5	7°51	15°20	n.a.	W 8
T 9	8 34 33	10°39'13	9♍ 4	3°28	25°33	24°26	15°21	24°39	13°33	11°54	26° 4	9° 0	7°48	15°27	n.a.	T 9
F 10	8 38 30	11°38'41	21°16	5°21	26°37	25° 7	15°31	24°39	13°36	11°57	26° 5	8°54	7°44	15°33	n.a.	F 10
S 11	8 42 26	12°38'07	3♎18	7°15	27°41	25°48	15°40	24°39	13°39	11°59	26° 7	8°49	7°41	15°40	n.a.	S 11
S 12	8 46 23	13°37'32	15°13	9°10	28°45	26°29	15°50	24°R39	13°42	12° 1	26° 8	8°44	7°38	15°47	n.a.	S 12
M13	8 50 19	14°36'54	27° 5	11° 7	29°49	27°10	16° 0	24°39	13°45	12° 3	26° 9	8°41	7°35	15°54	n.a.	M13
T 14	8 54 16	15°36'15	8♏59	13° 4	0♈52	27°51	16°10	24°39	13°49	12° 6	26°10	8°39	7°32	16° 0	n.a.	T 14
W15	8 58 12	16°35'33	20°58	15° 3	1°55	28°32	16°20	24°39	13°52	12° 8	26°11	8°D39	7°29	16° 7	n.a.	W15
T 16	9 2 9	17°34'50	3♐ 8	17° 3	2°58	29°13	16°30	24°39	13°55	12°10	26°12	8°40	7°25	16°14	n.a.	T 16
F 17	9 6 5	18°34'05	15°34	19° 3	4° 0	29°53	16°40	24°38	13°58	12°13	26°13	8°41	7°22	16°20	n.a.	F 17
S 18	9 10 2	19°33'17	28°20	21° 5	5° 2	0♈34	16°50	24°37	14° 1	12°15	26°14	8°43	7°19	16°27	n.a.	S 18
S 19	9 13 58	20°32'28	11♑29	23° 7	6° 4	1°15	17° 1	24°37	14° 4	12°17	26°15	8°R43	7°16	16°34	n.a.	S 19
M20	9 17 55	21°31'37	25° 3	25°10	7° 5	1°56	17°11	24°36	14° 7	12°19	26°16	8°42	7°13	16°41	n.a.	M20
T 21	9 21 52	22°30'44	9♒ 3	27°13	8° 6	2°37	17°22	24°35	14° 9	12°22	26°18	8°39	7° 9	16°47	n.a.	T 21
W22	9 25 48	23°29'49	23°24	29°16	9° 7	3°17	17°32	24°34	14°12	12°24	26°19	8°34	7° 6	16°54	n.a.	W22
T 23	9 29 45	24°28'52	8♓ 2	1♓19	10° 7	3°58	17°43	24°33	14°15	12°26	26°20	8°27	7° 3	17° 1	n.a.	T 23
F 24	9 33 41	25°27'52	22°50	3°22	11° 7	4°39	17°54	24°32	14°18	12°28	26°21	8°20	7° 0	17° 8	n.a.	F 24
S 25	9 37 38	26°26'50	7♈38	5°24	12° 6	5°19	18° 5	24°31	14°21	12°30	26°22	8°12	6°57	17°14	n.a.	S 25
S 26	9 41 34	27°25'45	22°20	7°25	13° 5	6° 0	18°16	24°29	14°23	12°33	26°24	8° 7	6°54	17°21	n.a.	S 26
M27	9 45 31	28°24'38	6♉50	9°25	14° 4	6°40	18°27	24°28	14°26	12°35	26°25	8° 3	6°50	17°28	n.a.	M27
T 28	9 49 27	29♒23'29	21♉ 2	11♓23	15♈ 2	7♈21	18♈38	24♎26	14♑29	12♒37	26♓26	8♋ 1	6♋47	17♎34	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s52	15n32	3s43	24s27	2s 2	4s47	0n34	4s38	0s13	4n46	0s59	7s24	2n26	23s41	0s31	18s39	1s 7	16s29	16s16	23n30	23n34	1s 7		n.a.
T 2	19 38	19 19	2 43	24 12	2 3	4 16	0 39	4 21	0 12	4 50	0 59	7 24	2 26	23 41	0 31	18 38	1 7	16 28	16 16	23 30	23 34	1 10		n.a.
F 3	19 24	21 58	1 35	23 56	2 4	3 46	0 43	4 4	0 11	4 53	0 59	7 25	2 27	23 41	0 31	18 38	1 7	16 27	16 15	23 30	23 34	1 13		n.a.
S 4	19 9	23 21	0 23	23 38	2 4	3 15	0 48	3 47	0 10	4 57	0 58	7 25	2 27	23 40	0 31	18 37	1 7	16 27	16 15	23 30	23 35	1 15		n.a.
S 5	18 54	23 22	0n49	23 18	2 4	2 44	0 53	3 30	0 10	5 1	0 58	7 25	2 27	23 40	0 31	18 36	1 7	16 26	16 15	23 30	23 35	1 18		n.a.
M 6	18 39	22 6	1 58	22 56	2 4	2 13	0 58	3 12	0 9	5 4	0 58	7 25	2 27	23 40	0 31	18 36	1 7	16 25	16 14	23 30	23 35	1 21		n.a.
T 7	18 23	19 43	2 59	22 32	2 3	1 43	1 3	2 55	0 8	5 8	0 58	7 25	2 28	23 39	0 31	18 35	1 7	16 25	16 14	23 30	23 35	1 23		n.a.
W 8	18 7	16 25	3 51	22 6	2 1	1 12	1 8	2 38	0 7	5 12	0 57	7 25	2 28	23 39	0 31	18 35	1 7	16 24	16 14	23 31	23 35	1 26		n.a.
T 9	17 51	12 27	4 30	21 38	1 59	0 41	1 13	2 21	0 6	5 16	0 57	7 25	2 28	23 39	0 31	18 34	1 7	16 23	16 14	23 31	23 36	1 29		n.a.
F 10	17 34	8 3	4 57	21 7	1 57	0 11	1 18	2 4	0 6	5 20	0 57	7 25	2 28	23 38	0 31	18 33	1 7	16 23	16 13	23 31	23 36	1 32		n.a.
S 11	17 17	3 24	5 10	20 35	1 54	0n20	1 23	1 46	0 5	5 24	0 57	7 24	2 28	23 38	0 31	18 33	1 7	16 22	16 13	23 32	23 36	1 34		n.a.
S 12	17 0	1s21	5 9	20 1	1 50	0 51	1 28	1 29	0 4	5 28	0 56	7 24	2 29	23 38	0 31	18 32	1 7	16 22	16 13	23 32	23 36	1 37		n.a.
M13	16 43	6 1	4 55	19 25	1 46	1 21	1 33	1 12	0 3	5 32	0 56	7 24	2 29	23 37	0 31	18 31	1 7	16 21	16 13	23 32	23 36	1 40		n.a.
T 14	16 25	10 29	4 29	18 47	1 41	1 51	1 39	0 55	0 3	5 36	0 56	7 24	2 29	23 37	0 31	18 31	1 7	16 20	16 12	23 32	23 37	1 42		n.a.
W15	16 7	14 35	3 50	18 6	1 36	2 21	1 44	0 38	0 2	5 40	0 56	7 23	2 29	23 37	0 31	18 30	1 7	16 20	16 12	23 32	23 37	1 45		n.a.
T 16	15 49	18 10	3 1	17 24	1 30	2 52	1 49	0 20	0 1	5 44	0 56	7 23	2 29	23 36	0 31	18 29	1 7	16 19	16 12	23 32	23 37	1 48		n.a.
F 17	15 30	21 0	2 2	16 40	1 23	3 22	1 54	0 3	0 1	5 48	0 55	7 23	2 30	23 36	0 31	18 29	1 7	16 18	16 12	23 32	23 37	1 51		n.a.
S 18	15 12	22 53	0 56	15 54	1 16	3 51	1 59	0n14	0n 0	5 52	0 55	7 22	2 30	23 36	0 32	18 28	1 7	16 18	16 12	23 32	23 37	1 53		n.a.
S 19	14 53	23 34	0s15	15 7	1 9	4 21	2 5	0 31	0 1	5 57	0 55	7 22	2 30	23 36	0 32	18 28	1 7	16 17	16 11	23 32	23 37	1 56		n.a.
M20	14 33	22 54	1 27	14 17	1 0	4 50	2 10	0 48	0 2	6 1	0 55	7 21	2 30	23 35	0 32	18 27	1 7	16 16	16 11	23 32	23 38	1 59		n.a.
T 21	14 14	20 48	2 37	13 26	0 52	5 20	2 15	1 5	0 2	6 5	0 54	7 21	2 30	23 35	0 32	18 26	1 7	16 16	16 11	23 32	23 38	2 2		n.a.
W22	13 54	17 21	3 38	12 34	0 42	5 49	2 20	1 22	0 3	6 10	0 54	7 20	2 31	23 35	0 32	18 26	1 7	16 15	16 11	23 33	23 38	2 4		n.a.
T 23	13 34	12 47	4 26	11 41	0 32	6 18	2 26	1 39	0 4	6 14	0 54	7 20	2 31	23 34	0 32	18 25	1 7	16 14	16 11	23 33	23 38	2 7		n.a.
F 24	13 14	7 25	4 56	10 46	0 22	6 47	2 31	1 56	0 4	6 18	0 54	7 19	2 31	23 34	0 32	18 24	1 7	16 14	16 10	23 34	23 38	2 10		n.a.
S 25	12 54	1 37	5 7	9 51	0 11	7 15	2 36	2 13	0 5	6 23	0 54	7 18	2 31	23 34	0 32	18 24	1 7	16 13	16 10	23 34	23 38	2 12		n.a.
S 26	12 34	4n14	4 58	8 56	0 0	7 43	2 42	2 30	0 6	6 27	0 53	7 18	2 31	23 34	0 32	18 23	1 7	16 12	16 10	23 34	23 39	2 15		n.a.
M27	12 13	9 46	4 30	8 0	0n11	8 11	2 47	2 47	0 6	6 32	0 53	7 17	2 32	23 33	0 32	18 23	1 7	16 12	16 10	23 35	23 39	2 18		n.a.
T 28	11s52	14n41	3s45	7s 3	0n23	8n39	2n52	3n 4	0n 7	6n36	0s53	7s16	2n32	23s33	0s32	18s22	1s 7	16s11	16s10	23n35	23n39	2s21		n.a.

Julian Day Number = 1316757.5, Delta T = 07h36m35s
Ecliptic obliquity = 23°49'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'09, Lahiri = -19°15'08 Julian Calendar 1 Feb. 1108 BCE == Greg. Calendar 21 Jan. 1108 BCE

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

MARCH 1108 BCE (-1107) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 53 24	0♓22'17	4♊57	13♓19	15♈59	8♈ 1	18♈50	24°R25	14♑32	12♒39	26♓27	8°D 0	6♋44	17♎41	n.a.	W 1
T 2	9 57 21	1°21'03	18°33	15°13	16°56	8°42	19° 1	24♎23	14°34	12°41	26°28	8♋ 1	6°41	17°48	n.a.	T 2
F 3	10 1 17	2°19'47	1♋53	17° 4	17°53	9°22	19°13	24°21	14°37	12°44	26°30	8°R 2	6°38	17°55	n.a.	F 3
S 4	10 5 14	3°18'28	14°58	18°52	18°48	10° 2	19°24	24°19	14°39	12°46	26°31	8° 2	6°35	18° 1	n.a.	S 4
S 5	10 9 10	4°17'07	27°49	20°36	19°44	10°43	19°36	24°17	14°42	12°48	26°32	8° 0	6°31	18° 8	n.a.	S 5
M 6	10 13 7	5°15'43	10♌30	22°16	20°39	11°23	19°47	24°15	14°44	12°50	26°34	7°56	6°28	18°15	n.a.	M 6
T 7	10 17 3	6°14'18	23° 0	23°53	21°33	12° 3	19°59	24°13	14°47	12°52	26°35	7°49	6°25	18°21	n.a.	T 7
W 8	10 21 0	7°12'50	5♍21	25°25	22°26	12°44	20°11	24°11	14°49	12°54	26°36	7°40	6°22	18°28	n.a.	W 8
T 9	10 24 56	8°11'20	17°33	26°53	23°19	13°24	20°23	24° 9	14°52	12°56	26°37	7°29	6°19	18°35	n.a.	T 9
F 10	10 28 53	9° 9'48	29°38	28°16	24°12	14° 4	20°35	24° 6	14°54	12°59	26°39	7°17	6°15	18°42	n.a.	F 10
S 11	10 32 49	10° 8'14	11♎36	29°34	25° 3	14°44	20°47	24° 4	14°56	13° 1	26°40	7° 6	6°12	18°48	n.a.	S 11
S 12	10 36 46	11° 6'38	23°29	0♈47	25°54	15°24	20°59	24° 1	14°59	13° 3	26°41	6°56	6° 9	18°55	n.a.	S 12
M13	10 40 43	12° 5'01	5♏20	1°54	26°44	16° 4	21°11	23°59	15° 1	13° 5	26°43	6°48	6° 6	19° 2	n.a.	M13
T 14	10 44 39	13° 3'21	17°13	2°57	27°34	16°44	21°24	23°56	15° 3	13° 7	26°44	6°42	6° 3	19° 9	n.a.	T 14
W15	10 48 36	14° 1'40	29°11	3°54	28°22	17°24	21°36	23°53	15° 5	13° 9	26°45	6°39	6° 0	19°15	n.a.	W15
T 16	10 52 32	14°59'57	11♐18	4°46	29°10	18° 4	21°48	23°50	15° 7	13°11	26°47	6°D38	5°56	19°22	n.a.	T 16
F 17	10 56 29	15°58'13	23°41	5°32	29°57	18°44	22° 1	23°47	15° 9	13°13	26°48	6°38	5°53	19°29	n.a.	F 17
S 18	11 0 25	16°56'27	6♑23	6°13	0♉43	19°24	22°13	23°44	15°12	13°15	26°49	6°R38	5°50	19°35	n.a.	S 18
S 19	11 4 22	17°54'40	19°30	6°48	1°29	20° 4	22°26	23°41	15°14	13°17	26°51	6°37	5°47	19°42	n.a.	S 19
M20	11 8 18	18°52'50	3♒ 5	7°17	2°13	20°44	22°39	23°38	15°16	13°19	26°52	6°35	5°44	19°49	n.a.	M20
T 21	11 12 15	19°51'00	17° 9	7°40	2°56	21°24	22°51	23°35	15°17	13°21	26°54	6°30	5°41	19°56	n.a.	T 21
W22	11 16 11	20°49'07	1♓40	7°58	3°39	22° 4	23° 4	23°31	15°19	13°22	26°55	6°22	5°37	20° 2	n.a.	W22
T 23	11 20 8	21°47'13	16°33	8°11	4°20	22°44	23°17	23°28	15°21	13°24	26°56	6°13	5°34	20° 9	n.a.	T 23
F 24	11 24 5	22°45'16	1♈40	8°18	5° 0	23°23	23°30	23°25	15°23	13°26	26°58	6° 2	5°31	20°16	n.a.	F 24
S 25	11 28 1	23°43'18	16°50	8°R19	5°39	24° 3	23°43	23°21	15°25	13°28	26°59	5°52	5°28	20°22	n.a.	S 25
S 26	11 31 58	24°41'18	1♉54	8°15	6°17	24°43	23°56	23°18	15°26	13°30	27° 0	5°43	5°25	20°29	n.a.	S 26
M27	11 35 54	25°39'17	16°41	8° 6	6°54	25°23	24° 9	23°14	15°28	13°32	27° 2	5°36	5°21	20°36	n.a.	M27
T 28	11 39 51	26°37'13	1♊ 7	7°53	7°29	26° 2	24°22	23°10	15°30	13°33	27° 3	5°32	5°18	20°43	n.a.	T 28
W29	11 43 47	27°35'07	15° 8	7°34	8° 3	26°42	24°35	23° 7	15°31	13°35	27° 5	5°30	5°15	20°49	n.a.	W29
T 30	11 47 44	28°33'00	28°45	7°12	8°36	27°21	24°48	23° 3	15°33	13°37	27° 6	5°30	5°12	20°56	n.a.	T 30
F 31	11 51 40	29♓30'50	11♋59	6♈46	9♉ 8	28♈ 1	25♈ 1	22♎59	15♑34	13♒39	27♓ 7	5♋30	5♋ 9	21♎ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s31	18n43	2s48	6s 8	0n35	9n 6	2n57	3n21	0n 8	6n41	0s53	7s16	2n32	23s33	0s32	18s21	1s 7	16s10	16s 9	23n35	23n39	2s23			n.a.
T 2	11 10	21 37	1 43	5 12	0 47	9 33	3 2	3 38	0 8	6 45	0 53	7 15	2 32	23 33	0 32	18 21	1 7	16 10	16 9	23 35	23 39	2 26			n.a.
F 3	10 49	23 16	0 33	4 18	0 58	10 0	3 8	3 54	0 9	6 50	0 52	7 14	2 32	23 32	0 32	18 20	1 7	16 9	16 9	23 35	23 39	2 29			n.a.
S 4	10 27	23 35	0n37	3 24	1 10	10 27	3 13	4 11	0 10	6 55	0 52	7 13	2 33	23 32	0 32	18 20	1 7	16 8	16 9	23 35	23 40	2 32			n.a.
S 5	10 6	22 38	1 44	2 32	1 22	10 53	3 18	4 28	0 10	6 59	0 52	7 12	2 33	23 32	0 32	18 19	1 7	16 8	16 9	23 35	23 40	2 34			n.a.
M 6	9 44	20 31	2 45	1 41	1 33	11 19	3 23	4 44	0 11	7 4	0 52	7 11	2 33	23 31	0 32	18 18	1 7	16 7	16 9	23 35	23 40	2 37			n.a.
T 7	9 22	17 28	3 36	0 52	1 45	11 44	3 28	5 1	0 12	7 9	0 52	7 10	2 33	23 31	0 32	18 18	1 7	16 7	16 9	23 36	23 40	2 40			n.a.
W 8	9 0	13 40	4 17	0 5	1 55	12 9	3 33	5 18	0 12	7 13	0 51	7 9	2 33	23 31	0 32	18 17	1 7	16 6	16 8	23 36	23 40	2 43			n.a.
T 9	8 38	9 21	4 45	0n39	2 6	12 34	3 38	5 34	0 13	7 18	0 51	7 8	2 33	23 31	0 32	18 17	1 7	16 5	16 8	23 37	23 40	2 45			n.a.
F 10	8 16	4 44	5 0	1 22	2 15	12 58	3 43	5 50	0 13	7 23	0 51	7 7	2 34	23 31	0 32	18 16	1 7	16 5	16 8	23 37	23 41	2 48			n.a.
S 11	7 53	0s 2	5 2	2 1	2 24	13 22	3 48	6 7	0 14	7 28	0 51	7 6	2 34	23 30	0 32	18 15	1 7	16 4	16 8	23 38	23 41	2 51			n.a.
S 12	7 31	4 46	4 51	2 39	2 33	13 46	3 52	6 23	0 15	7 32	0 51	7 5	2 34	23 30	0 32	18 15	1 7	16 3	16 8	23 39	23 41	2 53			n.a.
M13	7 8	9 20	4 27	3 13	2 40	14 9	3 57	6 39	0 15	7 37	0 51	7 4	2 34	23 30	0 32	18 14	1 7	16 3	16 8	23 39	23 41	2 56			n.a.
T 14	6 46	13 33	3 51	3 44	2 47	14 31	4 2	6 56	0 16	7 42	0 50	7 3	2 34	23 30	0 32	18 14	1 7	16 2	16 8	23 39	23 41	2 59			n.a.
W15	6 23	17 17	3 5	4 13	2 53	14 53	4 6	7 12	0 17	7 47	0 50	7 2	2 34	23 29	0 32	18 13	1 8	16 1	16 8	23 39	23 41	3 2			n.a.
T 16	6 0	20 21	2 10	4 38	2 58	15 15	4 11	7 28	0 17	7 52	0 50	7 0	2 34	23 29	0 32	18 13	1 8	16 1	16 8	23 39	23 41	3 4			n.a.
F 17	5 37	22 32	1 8	5 1	3 2	15 36	4 15	7 44	0 18	7 56	0 50	6 59	2 35	23 29	0 32	18 12	1 8	16 0	16 7	23 39	23 42	3 7			n.a.
S 18	5 14	23 39	0 1	5 20	3 5	15 57	4 19	8 0	0 18	8 1	0 50	6 58	2 35	23 29	0 32	18 11	1 8	16 0	16 7	23 39	23 42	3 10			n.a.
S 19	4 51	23 30	1s 8	5 36	3 7	16 17	4 23	8 16	0 19	8 6	0 49	6 57	2 35	23 29	0 32	18 11	1 8	15 59	16 7	23 39	23 42	3 13			n.a.
M20	4 28	21 59	2 15	5 49	3 8	16 36	4 28	8 31	0 19	8 11	0 49	6 55	2 35	23 28	0 32	18 10	1 8	15 58	16 7	23 40	23 42	3 15			n.a.
T 21	4 5	19 4	3 17	5 58	3 8	16 56	4 31	8 47	0 20	8 16	0 49	6 54	2 35	23 28	0 32	18 10	1 8	15 58	16 7	23 40	23 42	3 18			n.a.
W22	3 42	14 54	4 8	6 4	3 7	17 14	4 35	9 3	0 21	8 21	0 49	6 53	2 35	23 28	0 32	18 9	1 8	15 57	16 7	23 40	23 42	3 21			n.a.
T 23	3 19	9 44	4 44	6 6	3 4	17 32	4 39	9 18	0 21	8 26	0 49	6 51	2 35	23 28	0 32	18 9	1 8	15 57	16 7	23 41	23 42	3 24			n.a.
F 24	2 55	3 54	5 0	6 5	3 0	17 49	4 43	9 34	0 22	8 31	0 49	6 50	2 35	23 28	0 32	18 8	1 8	15 56	16 7	23 41	23 43	3 26			n.a.
S 25	2 32	2n11	4 56	6 1	2 55	18 6	4 46	9 49	0 22	8 36	0 49	6 49	2 36	23 27	0 32	18 8	1 8	15 55	16 7	23 42	23 43	3 29			n.a.
S 26	2 9	8 6	4 30	5 53	2 48	18 22	4 49	10 5	0 23	8 41	0 48	6 47	2 36	23 27	0 32	18 7	1 8	15 55	16 7	23 42	23 43	3 32			n.a.
M27	1 45	13 28	3 48	5 43	2 40	18 38	4 53	10 20	0 23	8 46	0 48	6 46	2 36	23 27	0 33	18 7	1 8	15 54	16 7	23 42	23 43	3 35			n.a.
T 28	1 22	17 56	2 51	5 29	2 31	18 52	4 55	10 35	0 24	8 51	0 48	6 44	2 36	23 27	0 33	18 6	1 8	15 54	16 7	23 43	23 43	3 37			n.a.
W29	0 59	21 14	1 45	5 12	2 21	19 7	4 58	10 50	0 25	8 56	0 48	6 43	2 36	23 27	0 33	18 6	1 8	15 53	16 7	23 43	23 43	3 40			n.a.
T 30	0 35	23 14	0 36	4 53	2 9	19 20	5 1	11 5	0 25	9 1	0 48	6 41	2 36	23 27	0 33	18 5	1 8	15 53	16 7	23 43	23 43	3 43			n.a.
F 31	0s12	23n51	0n34	4n31	1n57	19n33	5n 3	11n20	0n26	9n 6	0s48	6s40	2n36	23s26	0s33	18s 5	1s 8	15s52	16s 7	23n43	23n43	3s46			n.a.

Julian Day Number = 1316785.5, Delta T = 07h36m34s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'05, Lahiri = -19°15'05 Julian Calendar 1 March 1108 BCE == Greg. Calendar 18 Feb. 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

APRIL 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 37	0♈28'39	24♋54	6°R17	9♉37	28♈41	25♈14	22°R55	15♑36	13♒40	27♓ 9	5°R29	5♋ 6	21♎ 9	n.a.	S 1
S 2	11 59 34	1°26'25	7♌33	5♈45	10° 6	29°20	25°27	22♎51	15°37	13°42	27°10	5♋26	5° 2	21°16	n.a.	S 2
M 3	12 3 30	2°24'10	20° 0	5°12	10°32	29°59	25°41	22°47	15°39	13°44	27°11	5°20	4°59	21°23	n.a.	M 3
T 4	12 7 27	3°21'53	2♍16	4°36	10°58	0♉39	25°54	22°43	15°40	13°45	27°13	5°12	4°56	21°30	n.a.	T 4
W 5	12 11 23	4°19'34	14°24	4° 0	11°21	1°19	26° 7	22°39	15°41	13°47	27°14	5° 0	4°53	21°36	n.a.	W 5
T 6	12 15 20	5°17'14	26°27	3°24	11°43	1°58	26°21	22°35	15°42	13°49	27°15	4°47	4°50	21°43	n.a.	T 6
F 7	12 19 16	6°14'52	8♎24	2°48	12° 2	2°37	26°34	22°31	15°44	13°50	27°17	4°33	4°46	21°50	n.a.	F 7
S 8	12 23 13	7°12'29	20°18	2°14	12°20	3°17	26°47	22°27	15°45	13°52	27°18	4°20	4°43	21°56	n.a.	S 8
S 9	12 27 9	8°10'04	2♏10	1°41	12°36	3°56	27° 1	22°23	15°46	13°53	27°20	4° 7	4°40	22° 3	n.a.	S 9
M10	12 31 6	9° 7'38	14° 2	1°10	12°50	4°35	27°14	22°18	15°47	13°55	27°21	3°57	4°37	22°10	n.a.	M10
T 11	12 35 2	10° 5'11	25°55	0°42	13° 2	5°15	27°28	22°14	15°48	13°56	27°22	3°50	4°34	22°17	n.a.	T 11
W12	12 38 59	11° 2'43	7♐54	0°17	13°12	5°54	27°41	22°10	15°49	13°58	27°24	3°45	4°31	22°23	n.a.	W12
T 13	12 42 56	12° 0'14	20° 2	29♓55	13°20	6°33	27°55	22° 6	15°50	13°59	27°25	3°43	4°27	22°30	n.a.	T 13
F 14	12 46 52	12°57'43	2♑24	29°37	13°25	7°12	28° 9	22° 1	15°51	14° 0	27°26	3°D43	4°24	22°37	n.a.	F 14
S 15	12 50 49	13°55'12	15° 3	29°24	13°28	7°52	28°22	21°57	15°51	14° 2	27°28	3°R43	4°21	22°44	n.a.	S 15
S 16	12 54 45	14°52'40	28° 6	29°14	13°R29	8°31	28°36	21°53	15°52	14° 3	27°29	3°42	4°18	22°50	n.a.	S 16
M17	12 58 42	15°50'07	11♒35	29° 9	13°28	9°10	28°49	21°48	15°53	14° 4	27°30	3°40	4°15	22°57	n.a.	M17
T 18	13 2 38	16°47'33	25°34	29°D 9	13°24	9°49	29° 3	21°44	15°54	14° 6	27°32	3°36	4°12	23° 4	n.a.	T 18
W19	13 6 35	17°44'58	10♓ 2	29°12	13°18	10°28	29°17	21°40	15°54	14° 7	27°33	3°29	4° 8	23°10	n.a.	W19
T 20	13 10 31	18°42'22	24°55	29°21	13° 9	11° 7	29°30	21°35	15°55	14° 8	27°34	3°20	4° 5	23°17	n.a.	T 20
F 21	13 14 28	19°39'45	10♈ 6	29°34	12°58	11°46	29°44	21°31	15°55	14° 9	27°35	3°10	4° 2	23°24	n.a.	F 21
S 22	13 18 25	20°37'07	25°24	29°51	12°45	12°25	29°58	21°26	15°56	14°10	27°37	3° 0	3°59	23°31	n.a.	S 22
S 23	13 22 21	21°34'28	10♉39	0♈13	12°29	13° 4	0♉12	21°22	15°56	14°12	27°38	2°51	3°56	23°37	n.a.	S 23
M24	13 26 18	22°31'48	25°39	0°39	12°11	13°43	0°25	21°17	15°56	14°13	27°39	2°44	3°52	23°44	n.a.	M24
T 25	13 30 14	23°29'07	10♊18	1° 9	11°50	14°22	0°39	21°13	15°57	14°14	27°40	2°40	3°49	23°51	n.a.	T 25
W26	13 34 11	24°26'25	24°30	1°44	11°28	15° 1	0°53	21° 9	15°57	14°15	27°42	2°38	3°46	23°57	n.a.	W26
T 27	13 38 7	25°23'41	8♋14	2°22	11° 3	15°40	1° 7	21° 4	15°57	14°16	27°43	2°D38	3°43	24° 4	n.a.	T 27
F 28	13 42 4	26°20'57	21°31	3° 5	10°36	16°19	1°21	21° 0	15°57	14°17	27°44	2°R39	3°40	24°11	n.a.	F 28
S 29	13 46 1	27°18'11	4♌26	3°51	10° 7	16°58	1°34	20°55	15°58	14°18	27°45	2°39	3°37	24°18	n.a.	S 29
S 30	13 49 57	28♈15'24	17♌ 1	4♈41	9♉37	17♉37	1♉48	20♎51	15♑58	14♒19	27♓47	2♋37	3♋33	24♎24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n12	23n 9	1n41	4n 7	1n43	19n45	5n 6	11n35	0n26	9n11	0s48	6s38	2n36	23s26	0s33	18s 4	1s 8	15s51	16s 7	23n43	23n44	3s48		n.a.
S 2	0 35	21 16	2 41	3 41	1 29	19 56	5 7	11 50	0 27	9 16	0 47	6 37	2 36	23 26	0 33	18 4	1 8	15 51	16 7	23 43	23 44	3 51		n.a.
M 3	0 58	18 24	3 32	3 13	1 14	20 6	5 9	12 5	0 27	9 21	0 47	6 35	2 36	23 26	0 33	18 4	1 8	15 50	16 7	23 43	23 44	3 54		n.a.
T 4	1 22	14 45	4 12	2 44	0 58	20 16	5 11	12 19	0 28	9 26	0 47	6 34	2 36	23 26	0 33	18 3	1 8	15 50	16 7	23 43	23 44	3 57		n.a.
W 5	1 45	10 32	4 41	2 15	0 41	20 24	5 12	12 34	0 28	9 31	0 47	6 32	2 36	23 26	0 33	18 3	1 8	15 49	16 7	23 44	23 44	3 59		n.a.
T 6	2 8	5 57	4 56	1 45	0 24	20 32	5 13	12 48	0 29	9 36	0 47	6 31	2 36	23 26	0 33	18 2	1 8	15 49	16 7	23 44	23 44	4 2		n.a.
F 7	2 31	1 11	4 59	1 15	0 7	20 39	5 14	13 2	0 29	9 41	0 47	6 29	2 37	23 26	0 33	18 2	1 8	15 48	16 7	23 45	23 44	4 5		n.a.
S 8	2 54	3s37	4 48	0 45	0s10	20 45	5 14	13 16	0 30	9 46	0 47	6 27	2 37	23 25	0 33	18 1	1 8	15 48	16 7	23 45	23 44	4 8		n.a.
S 9	3 17	8 17	4 25	0 17	0 26	20 50	5 14	13 31	0 30	9 51	0 46	6 26	2 37	23 25	0 33	18 1	1 8	15 47	16 7	23 46	23 45	4 10		n.a.
M10	3 40	12 39	3 50	0s11	0 43	20 55	5 14	13 45	0 31	9 56	0 46	6 24	2 37	23 25	0 33	18 1	1 8	15 47	16 7	23 46	23 45	4 13		n.a.
T 11	4 3	16 33	3 5	0 37	0 59	20 58	5 13	13 58	0 31	10 1	0 46	6 23	2 37	23 25	0 33	18 0	1 8	15 46	16 7	23 46	23 45	4 16		n.a.
W12	4 26	19 49	2 12	1 2	1 15	21 0	5 12	14 12	0 32	10 6	0 46	6 21	2 37	23 25	0 33	18 0	1 9	15 46	16 7	23 46	23 45	4 19		n.a.
T 13	4 49	22 15	1 12	1 24	1 30	21 1	5 11	14 26	0 32	10 11	0 46	6 19	2 37	23 25	0 33	17 59	1 9	15 45	16 7	23 46	23 45	4 22		n.a.
F 14	5 12	23 41	0 7	1 44	1 44	21 1	5 9	14 39	0 33	10 16	0 46	6 18	2 37	23 25	0 33	17 59	1 9	15 45	16 7	23 46	23 45	4 24		n.a.
S 15	5 35	23 57	1s 0	2 2	1 57	21 0	5 7	14 53	0 33	10 21	0 46	6 16	2 37	23 25	0 33	17 59	1 9	15 44	16 7	23 46	23 45	4 27		n.a.
S 16	5 57	22 55	2 5	2 17	2 10	20 57	5 4	15 6	0 34	10 26	0 46	6 14	2 37	23 25	0 33	17 58	1 9	15 44	16 7	23 46	23 45	4 30		n.a.
M17	6 20	20 34	3 6	2 30	2 21	20 54	5 1	15 19	0 34	10 31	0 45	6 13	2 37	23 25	0 33	17 58	1 9	15 43	16 8	23 46	23 45	4 33		n.a.
T 18	6 42	16 56	3 58	2 40	2 32	20 49	4 57	15 32	0 35	10 36	0 45	6 11	2 37	23 25	0 33	17 58	1 9	15 43	16 8	23 47	23 46	4 35		n.a.
W19	7 4	12 11	4 37	2 47	2 41	20 43	4 53	15 45	0 35	10 41	0 45	6 9	2 37	23 25	0 33	17 57	1 9	15 42	16 8	23 47	23 46	4 38		n.a.
T 20	7 27	6 36	4 58	2 51	2 50	20 36	4 48	15 58	0 36	10 47	0 45	6 8	2 37	23 25	0 33	17 57	1 9	15 42	16 8	23 47	23 46	4 41		n.a.
F 21	7 49	0 31	4 59	2 53	2 57	20 28	4 43	16 11	0 36	10 52	0 45	6 6	2 37	23 25	0 33	17 57	1 9	15 42	16 8	23 47	23 46	4 44		n.a.
S 22	8 11	5n39	4 39	2 52	3 4	20 18	4 37	16 24	0 37	10 57	0 45	6 5	2 37	23 25	0 33	17 56	1 9	15 41	16 8	23 48	23 46	4 46		n.a.
S 23	8 33	11 29	3 59	2 48	3 10	20 7	4 31	16 36	0 37	11 2	0 45	6 3	2 37	23 25	0 33	17 56	1 9	15 41	16 8	23 48	23 46	4 49		n.a.
M24	8 54	16 32	3 3	2 42	3 14	19 55	4 24	16 49	0 38	11 6	0 45	6 1	2 37	23 25	0 33	17 56	1 9	15 40	16 8	23 48	23 46	4 52		n.a.
T 25	9 16	20 27	1 56	2 33	3 18	19 41	4 16	17 1	0 38	11 11	0 45	6 0	2 37	23 25	0 33	17 56	1 9	15 40	16 8	23 48	23 46	4 55		n.a.
W26	9 37	22 59	0 43	2 22	3 21	19 26	4 8	17 13	0 39	11 16	0 44	5 58	2 36	23 25	0 34	17 55	1 9	15 40	16 8	23 48	23 46	4 57		n.a.
T 27	9 59	24 4	0n30	2 8	3 23	19 10	4 0	17 25	0 39	11 21	0 44	5 56	2 36	23 25	0 34	17 55	1 9	15 39	16 9	23 48	23 46	5 0		n.a.
F 28	10 20	23 42	1 39	1 52	3 23	18 53	3 51	17 37	0 39	11 26	0 44	5 55	2 36	23 25	0 34	17 55	1 9	15 39	16 9	23 48	23 47	5 3		n.a.
S 29	10 41	22 4	2 41	1 33	3 24	18 34	3 41	17 49	0 40	11 31	0 44	5 53	2 36	23 25	0 34	17 55	1 9	15 38	16 9	23 48	23 47	5 6		n.a.
S 30	11n 2	19n22	3n33	1s12	3s23	18n15	3n30	18n 0	0n40	11n36	0s44	5s52	2n36	23s25	0s34	17s54	1s 9	15s38	16s 9	23n48	23n47	5s 8		n.a.

Julian Day Number = 1316816.5, Delta T = 07h36m32s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°22'01, Lahiri = -19°15'00 Julian Calendar 1 Apr. 1108 BCE == Greg. Calendar 21 March 1108 BCE

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

MAY 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 53 54	29♈12'36	29♌21	5♈35	9°R 5	18♉16	2♉ 2	20°R47	15°R58	14♒20	27♓48	2°R33	3♋30	24♎31	n.a.	M 1
T 2	13 57 50	0♉ 9'47	11♍30	6°32	8♉31	18°55	2°16	20♎42	15♏58	14°20	27°49	2♋27	3°27	24°38	n.a.	T 2
W 3	14 1 47	1° 6'57	23°31	7°33	7°56	19°34	2°30	20°38	15°58	14°21	27°50	2°18	3°24	24°44	n.a.	W 3
T 4	14 5 43	2° 4'07	5♎27	8°37	7°20	20°12	2°43	20°34	15°57	14°22	27°51	2° 8	3°21	24°51	n.a.	T 4
F 5	14 9 40	3° 1'15	17°20	9°45	6°44	20°51	2°57	20°30	15°57	14°23	27°53	1°57	3°17	24°58	n.a.	F 5
S 6	14 13 36	3°58'23	29°12	10°56	6° 6	21°30	3°11	20°25	15°57	14°24	27°54	1°46	3°14	25° 5	n.a.	S 6
S 7	14 17 33	4°55'31	11♏ 5	12°10	5°29	22° 9	3°25	20°21	15°57	14°24	27°55	1°36	3°11	25°11	n.a.	S 7
M 8	14 21 30	5°52'38	23° 0	13°28	4°51	22°47	3°39	20°17	15°57	14°25	27°56	1°28	3° 8	25°18	n.a.	M 8
T 9	14 25 26	6°49'44	4♐58	14°48	4°13	23°26	3°52	20°13	15°56	14°26	27°57	1°23	3° 5	25°25	n.a.	T 9
W10	14 29 23	7°46'50	17° 3	16°12	3°36	24° 5	4° 6	20° 9	15°56	14°26	27°58	1°20	3° 2	25°31	n.a.	W10
T 11	14 33 19	8°43'56	29°17	17°39	2°59	24°43	4°20	20° 5	15°55	14°27	27°59	1°D18	2°58	25°38	n.a.	T 11
F 12	14 37 16	9°41'02	11♑44	19° 9	2°24	25°22	4°34	20° 1	15°55	14°27	28° 0	1°19	2°55	25°45	n.a.	F 12
S 13	14 41 12	10°38'08	24°26	20°42	1°49	26° 1	4°48	19°57	15°54	14°28	28° 1	1°20	2°52	25°52	n.a.	S 13
S 14	14 45 9	11°35'13	7♒28	22°18	1°16	26°39	5° 1	19°53	15°54	14°28	28° 2	1°R21	2°49	25°58	n.a.	S 14
M15	14 49 5	12°32'19	20°54	23°57	0°44	27°18	5°15	19°49	15°53	14°29	28° 4	1°21	2°46	26° 5	n.a.	M15
T 16	14 53 2	13°29'24	4♓45	25°39	0°14	27°57	5°29	19°45	15°52	14°29	28° 5	1°19	2°43	26°12	n.a.	T 16
W17	14 56 59	14°26'30	19° 2	27°24	29♈45	28°35	5°43	19°41	15°52	14°30	28° 6	1°15	2°39	26°18	n.a.	W17
T 18	15 0 55	15°23'35	3♈43	29°12	29°19	29°14	5°56	19°37	15°51	14°30	28° 7	1°10	2°36	26°25	n.a.	T 18
F 19	15 4 52	16°20'41	18°43	1♉ 3	28°54	29°52	6°10	19°34	15°50	14°30	28° 8	1° 3	2°33	26°32	n.a.	F 19
S 20	15 8 48	17°17'46	3♉53	2°56	28°32	0♊31	6°24	19°30	15°49	14°31	28° 8	0°57	2°30	26°38	n.a.	S 20
S 21	15 12 45	18°14'52	19° 3	4°52	28°12	1° 9	6°37	19°26	15°48	14°31	28° 9	0°51	2°27	26°45	n.a.	S 21
M22	15 16 41	19°11'58	4♊ 4	6°50	27°54	1°48	6°51	19°23	15°47	14°31	28°10	0°47	2°23	26°52	n.a.	M22
T 23	15 20 38	20° 9'03	18°46	8°50	27°38	2°27	7° 4	19°19	15°46	14°31	28°11	0°45	2°20	26°59	n.a.	T 23
W24	15 24 35	21° 6'09	3♋ 4	10°53	27°25	3° 5	7°18	19°16	15°45	14°32	28°12	0°D44	2°17	27° 5	n.a.	W24
T 25	15 28 31	22° 3'14	16°56	12°57	27°14	3°44	7°32	19°13	15°44	14°32	28°13	0°45	2°14	27°12	n.a.	T 25
F 26	15 32 28	23° 0'19	0♌20	15° 3	27° 6	4°22	7°45	19° 9	15°43	14°32	28°14	0°46	2°11	27°19	n.a.	F 26
S 27	15 36 24	23°57'24	13°19	17°10	27° 0	5° 0	7°59	19° 6	15°42	14°32	28°15	0°48	2° 8	27°25	n.a.	S 27
S 28	15 40 21	24°54'29	25°56	19°19	26°56	5°39	8°12	19° 3	15°41	14°32	28°16	0°R48	2° 4	27°32	n.a.	S 28
M29	15 44 17	25°51'34	8♍17	21°28	26°D55	6°17	8°26	19° 0	15°39	14°R32	28°16	0°47	2° 1	27°39	n.a.	M29
T 30	15 48 14	26°48'38	20°24	23°37	26°56	6°56	8°39	18°57	15°38	14°32	28°17	0°45	1°58	27°46	n.a.	T 30
W31	15 52 10	27♉45'43	2♎22	25♉47	26♈59	7♊34	8♉52	18♎54	15♏37	14♒32	28♓18	0♋41	1♋55	27♎52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11n22	15n51	4n15	0s49	3s21	17n54	3n20	18n12	0n41	11n41	0s44	5s50	2n36	23s25	0s34	17s54	1s 9	15s38	16s 9	23n48	23n47	5s11			n.a.
T 2	11 43	11 43	4 44	0 24	3 19	17 32	3 8	18 23	0 41	11 46	0 44	5 48	2 36	23 25	0 34	17 54	1 9	15 37	16 9	23 48	23 47	5 14			n.a.
W 3	12 3	7 11	5 0	0n 3	3 16	17 9	2 57	18 34	0 42	11 51	0 44	5 47	2 36	23 25	0 34	17 54	1 9	15 37	16 9	23 48	23 47	5 17			n.a.
T 4	12 23	2 25	5 3	0 32	3 12	16 46	2 44	18 45	0 42	11 56	0 44	5 45	2 36	23 25	0 34	17 54	1 10	15 37	16 10	23 49	23 47	5 20			n.a.
F 5	12 43	2s25	4 53	1 3	3 8	16 22	2 32	18 56	0 42	12 1	0 44	5 44	2 36	23 25	0 34	17 53	1 10	15 36	16 10	23 49	23 47	5 22			n.a.
S 6	13 3	7 10	4 30	1 36	3 2	15 57	2 19	19 7	0 43	12 6	0 44	5 42	2 36	23 25	0 34	17 53	1 10	15 36	16 10	23 49	23 47	5 25			n.a.
S 7	13 22	11 40	3 55	2 11	2 57	15 31	2 5	19 18	0 43	12 10	0 43	5 41	2 36	23 25	0 34	17 53	1 10	15 36	16 10	23 49	23 47	5 28			n.a.
M 8	13 42	15 45	3 10	2 47	2 50	15 6	1 52	19 28	0 44	12 15	0 43	5 39	2 36	23 25	0 34	17 53	1 10	15 36	16 10	23 49	23 47	5 31			n.a.
T 9	14 1	19 14	2 16	3 25	2 43	14 40	1 38	19 39	0 44	12 20	0 43	5 38	2 35	23 25	0 34	17 53	1 10	15 35	16 11	23 49	23 47	5 33			n.a.
W10	14 20	21 56	1 16	4 5	2 36	14 14	1 24	19 49	0 45	12 25	0 43	5 36	2 35	23 25	0 34	17 53	1 10	15 35	16 11	23 49	23 47	5 36			n.a.
T 11	14 38	23 39	0 11	4 46	2 28	13 48	1 10	19 59	0 45	12 30	0 43	5 35	2 35	23 25	0 34	17 52	1 10	15 35	16 11	23 49	23 48	5 39			n.a.
F 12	14 57	24 14	0s56	5 29	2 19	13 23	0 56	20 9	0 45	12 34	0 43	5 34	2 35	23 25	0 34	17 52	1 10	15 34	16 11	23 49	23 48	5 42			n.a.
S 13	15 15	23 34	2 1	6 12	2 10	12 57	0 42	20 19	0 46	12 39	0 43	5 32	2 35	23 26	0 34	17 52	1 10	15 34	16 11	23 49	23 48	5 44			n.a.
S 14	15 33	21 38	3 2	6 58	2 0	12 33	0 28	20 28	0 46	12 44	0 43	5 31	2 35	23 26	0 34	17 52	1 10	15 34	16 12	23 49	23 48	5 47			n.a.
M15	15 51	18 28	3 55	7 44	1 50	12 8	0 15	20 38	0 46	12 49	0 43	5 29	2 35	23 26	0 34	17 52	1 10	15 34	16 12	23 49	23 48	5 50			n.a.
T 16	16 9	14 11	4 36	8 31	1 40	11 45	0 1	20 47	0 47	12 53	0 43	5 28	2 34	23 26	0 34	17 52	1 10	15 34	16 12	23 49	23 48	5 53			n.a.
W17	16 26	9 1	5 1	9 19	1 30	11 22	0s12	20 56	0 47	12 58	0 43	5 27	2 34	23 26	0 34	17 52	1 10	15 33	16 12	23 49	23 48	5 55			n.a.
T 18	16 43	3 12	5 8	10 9	1 19	11 1	0 25	21 5	0 48	13 3	0 43	5 25	2 34	23 26	0 34	17 52	1 10	15 33	16 12	23 49	23 48	5 58			n.a.
F 19	17 0	2n55	4 54	10 58	1 8	10 40	0 38	21 14	0 48	13 7	0 42	5 24	2 34	23 26	0 34	17 52	1 10	15 33	16 13	23 49	23 48	6 1			n.a.
S 20	17 16	8 57	4 19	11 48	0 56	10 20	0 51	21 23	0 48	13 12	0 42	5 23	2 34	23 26	0 34	17 52	1 10	15 33	16 13	23 49	23 48	6 4			n.a.
S 21	17 32	14 28	3 26	12 39	0 45	10 2	1 3	21 31	0 49	13 17	0 42	5 22	2 34	23 27	0 34	17 52	1 10	15 33	16 13	23 49	23 48	6 7			n.a.
M22	17 48	19 1	2 20	13 29	0 34	9 44	1 14	21 39	0 49	13 21	0 42	5 20	2 33	23 27	0 34	17 52	1 10	15 32	16 13	23 49	23 48	6 9			n.a.
T 23	18 4	22 16	1 5	14 19	0 22	9 28	1 26	21 48	0 50	13 26	0 42	5 19	2 33	23 27	0 34	17 52	1 10	15 32	16 14	23 49	23 48	6 12			n.a.
W24	18 19	24 0	0n13	15 9	0 11	9 13	1 37	21 56	0 50	13 30	0 42	5 18	2 33	23 27	0 34	17 52	1 11	15 32	16 14	23 49	23 48	6 15			n.a.
T 25	18 35	24 10	1 27	15 59	0n 0	8 59	1 47	22 4	0 50	13 35	0 42	5 17	2 33	23 27	0 34	17 52	1 11	15 32	16 14	23 49	23 48	6 18			n.a.
F 26	18 49	22 55	2 34	16 47	0 11	8 47	1 57	22 11	0 51	13 40	0 42	5 16	2 33	23 27	0 34	17 52	1 11	15 32	16 14	23 49	23 49	6 20			n.a.
S 27	19 4	20 27	3 31	17 35	0 22	8 36	2 7	22 19	0 51	13 44	0 42	5 15	2 33	23 27	0 35	17 52	1 11	15 32	16 15	23 49	23 49	6 23			n.a.
S 28	19 18	17 5	4 16	18 21	0 32	8 26	2 16	22 26	0 51	13 48	0 42	5 14	2 32	23 28	0 35	17 52	1 11	15 32	16 15	23 49	23 49	6 26			n.a.
M29	19 32	13 2	4 48	19 5	0 42	8 17	2 25	22 33	0 52	13 53	0 42	5 13	2 32	23 28	0 35	17 52	1 11	15 32	16 15	23 49	23 49	6 29			n.a.
T 30	19 46	8 33	5 7	19 48	0 51	8 10	2 33	22 40	0 52	13 57	0 42	5 12	2 32	23 28	0 35	17 52	1 11	15 31	16 15	23 49	23 49	6 31			n.a.
W31	19n59	3n47	5n11	20n29	1n 0	8n 4	2s41	22n47	0n52	14n 2	0s42	5s11	2n32	23s28	0s35	17s52	1s11	15s31	16s16	23n49	23n49	6s34			n.a.

Julian Day Number = 1316846.5, Delta T = 07h36m30s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'57, Lahiri = -19°14'56 Julian Calendar 1 May 1108 BCE == Greg. Calendar 20 Apr. 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

JUNE 1108 BCE (-1107) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 7	28♉42'47	14♎16	27♉57	27♈ 5	8♊13	9♉ 6	18°R51	15°R35	14°R32	28♓19	0°R37	1♋52	27♎59	n.a.	T 1
F 2	16 0 4	29°39'52	26° 7	0♊ 6	27°12	8°51	9°19	18♎48	15♑34	14♒32	28°20	0♋31	1°49	28° 6	n.a.	F 2
S 3	16 4 0	0♊36'57	8♏ 0	2°15	27°22	9°29	9°32	18°45	15°33	14°31	28°20	0°26	1°45	28°12	n.a.	S 3
S 4	16 7 57	1°34'02	19°56	4°22	27°34	10° 8	9°46	18°43	15°31	14°31	28°21	0°21	1°42	28°19	n.a.	S 4
M 5	16 11 53	2°31'08	1♐57	6°29	27°48	10°46	9°59	18°40	15°30	14°31	28°22	0°18	1°39	28°26	n.a.	M 5
T 6	16 15 50	3°28'14	14° 5	8°35	28° 4	11°24	10°12	18°38	15°28	14°31	28°22	0°15	1°36	28°33	n.a.	T 6
W 7	16 19 46	4°25'21	26°22	10°39	28°21	12° 3	10°25	18°35	15°26	14°30	28°23	0°D14	1°33	28°39	n.a.	W 7
T 8	16 23 43	5°22'28	8♑49	12°43	28°41	12°41	10°38	18°33	15°25	14°30	28°24	0°15	1°29	28°46	n.a.	T 8
F 9	16 27 39	6°19'36	21°28	14°44	29° 2	13°19	10°51	18°31	15°23	14°30	28°24	0°16	1°26	28°53	n.a.	F 9
S 10	16 31 36	7°16'45	4♒22	16°44	29°26	13°58	11° 5	18°28	15°21	14°29	28°25	0°17	1°23	28°59	n.a.	S 10
S 11	16 35 33	8°13'55	17°32	18°42	29°50	14°36	11°18	18°26	15°20	14°29	28°26	0°19	1°20	29° 6	n.a.	S 11
M12	16 39 29	9°11'05	0♓59	20°39	0♉17	15°14	11°30	18°24	15°18	14°29	28°26	0°19	1°17	29°13	n.a.	M12
T 13	16 43 26	10° 8'17	14°47	22°34	0°45	15°53	11°43	18°22	15°16	14°28	28°27	0°R20	1°14	29°20	n.a.	T 13
W14	16 47 22	11° 5'29	28°54	24°27	1°14	16°31	11°56	18°21	15°14	14°28	28°27	0°19	1°10	29°26	n.a.	W14
T 15	16 51 19	12° 2'43	13♈20	26°19	1°45	17° 9	12° 9	18°19	15°13	14°27	28°28	0°17	1° 7	29°33	n.a.	T 15
F 16	16 55 15	12°59'57	28° 0	28° 8	2°18	17°48	12°22	18°17	15°11	14°26	28°28	0°15	1° 4	29°40	n.a.	F 16
S 17	16 59 12	13°57'13	12♉49	29°56	2°51	18°26	12°35	18°16	15° 9	14°26	28°29	0°13	1° 1	29°46	n.a.	S 17
S 18	17 3 9	14°54'30	27°41	1♋43	3°26	19° 4	12°47	18°14	15° 7	14°25	28°29	0°11	0°58	29°53	n.a.	S 18
M19	17 7 5	15°51'48	12♊27	3°27	4° 3	19°43	13° 0	18°13	15° 5	14°25	28°30	0°10	0°55	29°59	n.a.	M19
T 20	17 11 2	16°49'06	27° 0	5°10	4°40	20°21	13°12	18°11	15° 3	14°24	28°30	0°D10	0°51	0♏ 6	n.a.	T 20
W21	17 14 58	17°46'26	11♋15	6°51	5°19	20°59	13°25	18°10	15° 1	14°23	28°30	0°10	0°48	0°13	n.a.	W21
T 22	17 18 55	18°43'47	25° 6	8°31	5°58	21°37	13°37	18° 9	14°59	14°22	28°31	0°11	0°45	0°20	n.a.	T 22
F 23	17 22 51	19°41'08	8♌33	10° 8	6°39	22°16	13°50	18° 8	14°57	14°22	28°31	0°12	0°42	0°27	n.a.	F 23
S 24	17 26 48	20°38'30	21°36	11°44	7°21	22°54	14° 2	18° 7	14°55	14°21	28°31	0°12	0°39	0°33	n.a.	S 24
S 25	17 30 44	21°35'53	4♍17	13°19	8° 3	23°32	14°14	18° 6	14°52	14°20	28°32	0°13	0°35	0°40	n.a.	S 25
M26	17 34 41	22°33'16	16°40	14°51	8°47	24°10	14°26	18° 6	14°50	14°19	28°32	0°13	0°32	0°47	n.a.	M26
T 27	17 38 38	23°30'41	28°49	16°22	9°31	24°49	14°39	18° 5	14°48	14°18	28°32	0°R13	0°29	0°53	n.a.	T 27
W28	17 42 34	24°28'06	10♎47	17°51	10°17	25°27	14°51	18° 4	14°46	14°17	28°33	0°13	0°26	1° 0	n.a.	W28
T 29	17 46 31	25°25'32	22°41	19°19	11° 3	26° 5	15° 3	18° 4	14°44	14°16	28°33	0°13	0°23	1° 7	n.a.	T 29
F 30	17 50 27	26♊22'59	4♏32	20♋44	11♉50	26♊43	15♉14	18♎ 4	14♑41	14♒15	28♓33	0♋12	0♋20	1♏14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n12	1s 4	5n 3	21n 7	1n 8	7n59	2s49	22n54	0n53	14n 6	0s42	5s10	2n32	23s28	0s35	17s52	1s11	15s31	16s16	23n50	23n49	6s37		n.a.
F 2	20 24	5 53	4 41	21 44	1 15	7 55	2 56	23 0	0 53	14 11	0 42	5 9	2 31	23 29	0 35	17 52	1 11	15 31	16 16	23 50	23 49	6 40		n.a.
S 3	20 37	10 30	4 8	22 17	1 22	7 52	3 2	23 7	0 53	14 15	0 42	5 8	2 31	23 29	0 35	17 52	1 11	15 31	16 16	23 50	23 49	6 43		n.a.
S 4	20 48	14 45	3 23	22 49	1 29	7 51	3 9	23 13	0 54	14 19	0 41	5 7	2 31	23 29	0 35	17 52	1 11	15 31	16 17	23 50	23 49	6 45		n.a.
M 5	21 0	18 27	2 29	23 17	1 34	7 50	3 14	23 19	0 54	14 23	0 41	5 7	2 31	23 29	0 35	17 52	1 11	15 31	16 17	23 50	23 49	6 48		n.a.
T 6	21 11	21 25	1 27	23 43	1 39	7 51	3 20	23 25	0 54	14 28	0 41	5 6	2 30	23 29	0 35	17 53	1 11	15 31	16 17	23 50	23 49	6 51		n.a.
W 7	21 22	23 25	0 21	24 6	1 43	7 52	3 25	23 30	0 55	14 32	0 41	5 5	2 30	23 30	0 35	17 53	1 11	15 31	16 18	23 50	23 49	6 54		n.a.
T 8	21 33	24 19	0s47	24 27	1 47	7 55	3 30	23 36	0 55	14 36	0 41	5 5	2 30	23 30	0 35	17 53	1 11	15 31	16 18	23 50	23 49	6 56		n.a.
F 9	21 43	23 58	1 54	24 45	1 49	7 59	3 34	23 41	0 55	14 40	0 41	5 4	2 30	23 30	0 35	17 53	1 11	15 31	16 18	23 50	23 49	6 59		n.a.
S 10	21 53	22 20	2 57	25 0	1 51	8 3	3 38	23 46	0 56	14 44	0 41	5 3	2 30	23 30	0 35	17 53	1 11	15 31	16 18	23 50	23 49	7 2		n.a.
S 11	22 2	19 30	3 52	25 13	1 53	8 8	3 42	23 51	0 56	14 49	0 41	5 3	2 29	23 30	0 35	17 53	1 11	15 31	16 19	23 50	23 49	7 5		n.a.
M12	22 11	15 34	4 35	25 23	1 54	8 15	3 45	23 56	0 56	14 53	0 41	5 2	2 29	23 31	0 35	17 53	1 11	15 31	16 19	23 50	23 49	7 7		n.a.
T 13	22 20	10 44	5 4	25 30	1 54	8 22	3 48	24 0	0 57	14 57	0 41	5 2	2 29	23 31	0 35	17 54	1 11	15 31	16 19	23 50	23 49	7 10		n.a.
W14	22 28	5 15	5 15	25 36	1 53	8 29	3 51	24 4	0 57	15 1	0 41	5 1	2 29	23 31	0 35	17 54	1 12	15 31	16 20	23 50	23 49	7 13		n.a.
T 15	22 36	0n38	5 7	25 39	1 52	8 38	3 54	24 9	0 57	15 5	0 41	5 1	2 28	23 31	0 35	17 54	1 12	15 31	16 20	23 50	23 49	7 16		n.a.
F 16	22 44	6 35	4 39	25 39	1 51	8 47	3 56	24 13	0 58	15 9	0 41	5 0	2 28	23 32	0 35	17 54	1 12	15 31	16 20	23 50	23 49	7 18		n.a.
S 17	22 51	12 15	3 53	25 38	1 48	8 57	3 58	24 16	0 58	15 13	0 41	5 0	2 28	23 32	0 35	17 54	1 12	15 32	16 21	23 50	23 49	7 21		n.a.
S 18	22 57	17 12	2 50	25 34	1 46	9 7	3 59	24 20	0 58	15 17	0 41	5 0	2 28	23 32	0 35	17 55	1 12	15 32	16 21	23 50	23 49	7 24		n.a.
M19	23 4	21 4	1 36	25 29	1 42	9 18	4 1	24 23	0 58	15 21	0 41	4 59	2 27	23 32	0 35	17 55	1 12	15 32	16 21	23 50	23 49	7 27		n.a.
T 20	23 10	23 30	0 17	25 22	1 39	9 29	4 2	24 27	0 59	15 25	0 41	4 59	2 27	23 33	0 35	17 55	1 12	15 32	16 21	23 50	23 49	7 29		n.a.
W21	23 15	24 21	1n 1	25 13	1 34	9 41	4 3	24 30	0 59	15 28	0 41	4 59	2 27	23 33	0 35	17 55	1 12	15 32	16 22	23 50	23 49	7 32		n.a.
T 22	23 20	23 39	2 14	25 2	1 30	9 54	4 4	24 33	0 59	15 32	0 41	4 59	2 27	23 33	0 35	17 56	1 12	15 32	16 22	23 50	23 49	7 35		n.a.
F 23	23 25	21 35	3 17	24 50	1 25	10 7	4 4	24 35	1 0	15 36	0 41	4 58	2 26	23 33	0 35	17 56	1 12	15 32	16 22	23 50	23 49	7 38		n.a.
S 24	23 29	18 26	4 8	24 37	1 19	10 20	4 4	24 38	1 0	15 40	0 41	4 58	2 26	23 34	0 35	17 56	1 12	15 32	16 23	23 50	23 50	7 41		n.a.
S 25	23 33	14 30	4 45	24 22	1 13	10 34	4 5	24 40	1 0	15 43	0 41	4 58	2 26	23 34	0 35	17 57	1 12	15 33	16 23	23 50	23 50	7 43		n.a.
M26	23 37	10 3	5 8	24 5	1 7	10 48	4 4	24 42	1 0	15 47	0 41	4 58	2 26	23 34	0 35	17 57	1 12	15 33	16 23	23 50	23 50	7 46		n.a.
T 27	23 40	5 18	5 17	23 48	1 0	11 3	4 4	24 44	1 1	15 51	0 41	4 58	2 25	23 34	0 35	17 57	1 12	15 33	16 24	23 50	23 50	7 49		n.a.
W28	23 43	0 26	5 11	23 29	0 53	11 17	4 4	24 46	1 1	15 54	0 40	4 58	2 25	23 35	0 35	17 57	1 12	15 33	16 24	23 50	23 50	7 52		n.a.
T 29	23 45	4s26	4 53	23 10	0 45	11 32	4 3	24 47	1 1	15 58	0 40	4 58	2 25	23 35	0 35	17 58	1 12	15 33	16 24	23 50	23 50	7 54		n.a.
F 30	23n47	9s 8	4n22	22n49	0n38	11n48	4s 2	24n49	1n 1	16n 2	0s40	4s58	2n25	23s35	0s35	17s58	1s12	15s34	16s25	23n50	23n50	7s57		n.a.

Julian Day Number = 1316877.5, Delta T = 07h36m29s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'53, Lahiri = -19°14'52 Julian Calendar 1 June 1108 BCE == Greg. Calendar 21 May 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

JULY 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 24	27♊20'28	16♏27	22♋ 8	12♉38	27♊21	15♉26	18°R 3	14°R39	14°R14	28♓33	0°R12	0♋16	1♏20	n.a.	S 1
S 2	17 58 20	28°17'57	28°28	23°30	13°27	28° 0	15°38	18♎ 3	14♑37	14♒13	28°33	0♋12	0°13	1°27	n.a.	S 2
M 3	18 2 17	29°15'28	10♐37	24°50	14°16	28°38	15°50	18°D 3	14°35	14°12	28°34	0°11	0°10	1°34	n.a.	M 3
T 4	18 6 13	0♋13'00	22°57	26° 8	15° 6	29°16	16° 1	18° 3	14°32	14°11	28°34	0°D11	0° 7	1°40	n.a.	T 4
W 5	18 10 10	1°10'33	5♑30	27°24	15°57	29°54	16°13	18° 3	14°30	14°10	28°34	0°R11	0° 4	1°47	n.a.	W 5
T 6	18 14 7	2° 8'08	18°15	28°39	16°48	0♋33	16°24	18° 3	14°28	14° 9	28°34	0°11	0° 1	1°54	n.a.	T 6
F 7	18 18 3	3° 5'44	1♒15	29°51	17°40	1°11	16°36	18° 4	14°26	14° 8	28°34	0°11	29♊57	2° 0	n.a.	F 7
S 8	18 22 0	4° 3'22	14°28	1♌ 1	18°33	1°49	16°47	18° 4	14°23	14° 7	28°34	0°11	29°54	2° 7	n.a.	S 8
S 9	18 25 56	5° 1'01	27°55	2° 8	19°27	2°27	16°58	18° 5	14°21	14° 6	28°R34	0°10	29°51	2°14	n.a.	S 9
M10	18 29 53	5°58'42	11♓36	3°14	20°20	3° 5	17°10	18° 5	14°18	14° 4	28°34	0°10	29°48	2°21	n.a.	M10
T 11	18 33 49	6°56'24	25°28	4°17	21°15	3°44	17°21	18° 6	14°16	14° 3	28°34	0° 9	29°45	2°27	n.a.	T 11
W12	18 37 46	7°54'09	9♈33	5°17	22°10	4°22	17°32	18° 7	14°14	14° 2	28°34	0°D 9	29°41	2°34	n.a.	W12
T 13	18 41 43	8°51'55	23°46	6°15	23° 5	5° 0	17°43	18° 8	14°11	14° 1	28°34	0° 9	29°38	2°41	n.a.	T 13
F 14	18 45 39	9°49'44	8♉ 8	7° 9	24° 2	5°38	17°53	18° 9	14° 9	13°59	28°34	0°10	29°35	2°47	n.a.	F 14
S 15	18 49 36	10°47'34	22°33	8° 1	24°58	6°17	18° 4	18°10	14° 7	13°58	28°34	0°11	29°32	2°54	n.a.	S 15
S 16	18 53 32	11°45'26	6♊58	8°50	25°55	6°55	18°15	18°11	14° 4	13°57	28°33	0°12	29°29	3° 1	n.a.	S 16
M17	18 57 29	12°43'21	21°20	9°35	26°53	7°33	18°25	18°12	14° 2	13°55	28°33	0°12	29°26	3° 7	n.a.	M17
T 18	19 1 25	13°41'16	5♋32	10°17	27°51	8°11	18°36	18°13	13°59	13°54	28°33	0°R12	29°22	3°14	n.a.	T 18
W19	19 5 22	14°39'14	19°30	10°55	28°49	8°50	18°46	18°15	13°57	13°53	28°33	0°12	29°19	3°21	n.a.	W19
T 20	19 9 18	15°37'14	3♌12	11°29	29°48	9°28	18°56	18°16	13°55	13°51	28°33	0°10	29°16	3°28	n.a.	T 20
F 21	19 13 15	16°35'15	16°34	11°59	0♊47	10° 6	19° 6	18°18	13°52	13°50	28°33	0° 8	29°13	3°34	n.a.	F 21
S 22	19 17 12	17°33'17	29°35	12°24	1°46	10°44	19°17	18°20	13°50	13°48	28°32	0° 6	29°10	3°41	n.a.	S 22
S 23	19 21 8	18°31'21	12♍17	12°45	2°46	11°23	19°26	18°22	13°47	13°47	28°32	0° 3	29° 7	3°48	n.a.	S 23
M24	19 25 5	19°29'27	24°41	13° 0	3°47	12° 1	19°36	18°23	13°45	13°45	28°32	0° 1	29° 3	3°54	n.a.	M24
T 25	19 29 1	20°27'34	6♎50	13°10	4°47	12°39	19°46	18°25	13°43	13°44	28°31	29♊59	29° 0	4° 1	n.a.	T 25
W26	19 32 58	21°25'43	18°49	13°R15	5°48	13°17	19°56	18°28	13°40	13°42	28°31	29°D59	28°57	4° 8	n.a.	W26
T 27	19 36 54	22°23'53	0♏43	13°13	6°50	13°56	20° 5	18°30	13°38	13°41	28°31	29°59	28°54	4°14	n.a.	T 27
F 28	19 40 51	23°22'06	12°35	13° 6	7°52	14°34	20°14	18°32	13°36	13°39	28°30	0♋ 0	28°51	4°21	n.a.	F 28
S 29	19 44 47	24°20'19	24°30	12°52	8°54	15°12	20°24	18°34	13°33	13°38	28°30	0° 2	28°47	4°28	n.a.	S 29
S 30	19 48 44	25°18'35	6♐34	12°32	9°56	15°50	20°33	18°37	13°31	13°36	28°30	0° 3	28°44	4°35	n.a.	S 30
M31	19 52 40	26♋16'52	18♐49	12♌ 6	10♊59	16♋29	20♉42	18♎39	13♑29	13♒35	28♓29	0♋ 5	28♊41	4♏41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	13s31	3n39	22n28	0n30	12n 3	4s 1	24n50	1n 2	16n 5	0s40	4s58	2n24	23s35	0s35	17s58	1s12	15s34	16s25	23n50	23n50	8s 0		n.a.
S 2	23 49	17 26	2 47	22 6	0 21	12 19	4 0	24 51	1 2	16 9	0 40	4 59	2 24	23 36	0 35	17 59	1 12	15 34	16 25	23 50	23 50	8 3		n.a.
M 3	23 49	20 39	1 46	21 43	0 13	12 35	3 59	24 51	1 2	16 12	0 40	4 59	2 24	23 36	0 35	17 59	1 12	15 34	16 26	23 50	23 50	8 5		n.a.
T 4	23 50	22 58	0 40	21 19	0 4	12 51	3 57	24 52	1 3	16 15	0 40	4 59	2 23	23 36	0 35	17 59	1 12	15 34	16 26	23 50	23 50	8 8		n.a.
W 5	23 49	24 12	0s29	20 56	0s 5	13 7	3 55	24 52	1 3	16 19	0 40	4 59	2 23	23 37	0 35	18 0	1 12	15 35	16 26	23 50	23 50	8 11		n.a.
T 6	23 49	24 11	1 39	20 31	0 15	13 24	3 54	24 53	1 3	16 22	0 40	5 0	2 23	23 37	0 35	18 0	1 12	15 35	16 27	23 50	23 50	8 14		n.a.
F 7	23 47	22 52	2 44	20 7	0 25	13 40	3 52	24 53	1 3	16 26	0 40	5 0	2 23	23 37	0 35	18 1	1 13	15 35	16 27	23 50	23 50	8 16		n.a.
S 8	23 46	20 17	3 42	19 42	0 34	13 57	3 50	24 52	1 3	16 29	0 40	5 1	2 22	23 37	0 35	18 1	1 13	15 36	16 27	23 50	23 50	8 19		n.a.
S 9	23 44	16 34	4 28	19 17	0 44	14 14	3 47	24 52	1 4	16 32	0 40	5 1	2 22	23 38	0 35	18 1	1 13	15 36	16 27	23 50	23 50	8 22		n.a.
M10	23 41	11 56	5 0	18 52	0 55	14 30	3 45	24 51	1 4	16 35	0 40	5 1	2 22	23 38	0 35	18 2	1 13	15 36	16 28	23 50	23 50	8 25		n.a.
T 11	23 38	6 38	5 16	18 27	1 5	14 47	3 43	24 51	1 4	16 38	0 40	5 2	2 22	23 38	0 35	18 2	1 13	15 36	16 28	23 50	23 50	8 27		n.a.
W12	23 35	0 56	5 13	18 2	1 16	15 4	3 40	24 50	1 4	16 42	0 40	5 3	2 21	23 38	0 35	18 3	1 13	15 37	16 28	23 50	23 50	8 30		n.a.
T 13	23 31	4n53	4 50	17 37	1 26	15 20	3 38	24 48	1 5	16 45	0 40	5 3	2 21	23 39	0 35	18 3	1 13	15 37	16 29	23 50	23 50	8 33		n.a.
F 14	23 27	10 30	4 10	17 13	1 37	15 37	3 35	24 47	1 5	16 48	0 40	5 4	2 21	23 39	0 35	18 3	1 13	15 37	16 29	23 50	23 50	8 36		n.a.
S 15	23 23	15 35	3 14	16 49	1 48	15 53	3 32	24 46	1 5	16 51	0 40	5 4	2 21	23 39	0 36	18 4	1 13	15 38	16 29	23 50	23 50	8 38		n.a.
S 16	23 18	19 46	2 5	16 26	1 59	16 10	3 29	24 44	1 5	16 54	0 40	5 5	2 20	23 39	0 36	18 4	1 13	15 38	16 30	23 50	23 50	8 41		n.a.
M17	23 12	22 43	0 49	16 4	2 10	16 26	3 26	24 42	1 6	16 57	0 40	5 6	2 20	23 40	0 36	18 5	1 13	15 38	16 30	23 50	23 50	8 44		n.a.
T 18	23 7	24 12	0n29	15 42	2 20	16 42	3 23	24 40	1 6	17 0	0 40	5 7	2 20	23 40	0 36	18 5	1 13	15 39	16 30	23 50	23 50	8 47		n.a.
W19	23 0	24 7	1 45	15 21	2 31	16 58	3 20	24 38	1 6	17 3	0 40	5 7	2 19	23 40	0 36	18 5	1 13	15 39	16 31	23 50	23 49	8 49		n.a.
T 20	22 54	22 33	2 52	15 1	2 42	17 14	3 16	24 35	1 6	17 6	0 40	5 8	2 19	23 41	0 36	18 6	1 13	15 39	16 31	23 50	23 49	8 52		n.a.
F 21	22 47	19 45	3 49	14 43	2 52	17 30	3 13	24 32	1 6	17 8	0 40	5 9	2 19	23 41	0 36	18 6	1 13	15 40	16 31	23 50	23 49	8 55		n.a.
S 22	22 39	16 2	4 32	14 26	3 3	17 45	3 10	24 30	1 7	17 11	0 40	5 10	2 19	23 41	0 36	18 7	1 13	15 40	16 32	23 50	23 49	8 58		n.a.
S 23	22 31	11 40	5 0	14 11	3 13	18 1	3 6	24 26	1 7	17 14	0 40	5 11	2 18	23 41	0 36	18 7	1 13	15 41	16 32	23 50	23 49	9 0		n.a.
M24	22 23	6 56	5 14	13 57	3 22	18 16	3 2	24 23	1 7	17 17	0 40	5 12	2 18	23 42	0 36	18 8	1 13	15 41	16 32	23 50	23 49	9 3		n.a.
T 25	22 14	2 1	5 13	13 45	3 32	18 31	2 59	24 20	1 7	17 19	0 40	5 13	2 18	23 42	0 36	18 8	1 13	15 41	16 33	23 50	23 49	9 6		n.a.
W26	22 5	2s54	4 58	13 36	3 40	18 45	2 55	24 16	1 7	17 22	0 40	5 14	2 18	23 42	0 36	18 9	1 13	15 42	16 33	23 50	23 49	9 9		n.a.
T 27	21 56	7 41	4 31	13 28	3 48	18 59	2 51	24 12	1 8	17 25	0 40	5 15	2 17	23 42	0 36	18 9	1 13	15 42	16 33	23 50	23 49	9 11		n.a.
F 28	21 46	12 11	3 52	13 24	3 56	19 13	2 47	24 8	1 8	17 27	0 40	5 16	2 17	23 43	0 36	18 10	1 13	15 43	16 33	23 50	23 49	9 14		n.a.
S 29	21 36	16 14	3 3	13 21	4 2	19 27	2 44	24 4	1 8	17 30	0 40	5 17	2 17	23 43	0 36	18 10	1 13	15 43	16 34	23 50	23 49	9 17		n.a.
S 30	21 25	19 41	2 6	13 22	4 7	19 40	2 40	24 0	1 8	17 32	0 40	5 19	2 17	23 43	0 36	18 11	1 13	15 43	16 34	23 50	23 49	9 20		n.a.
M31	21n14	22s20	1n 1	13n25	4s11	19n53	2s36	23n55	1n 8	17n34	0s40	5s20	2n16	23s43	0s36	18s11	1s13	15s44	16s34	23n50	23n49	9s22		n.a.

Julian Day Number = 1316907.5, Delta T = 07h36m27s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'48, Lahiri = -19°14'48 Julian Calendar 1 July 1108 BCE == Greg. Calendar 20 June 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

AUGUST 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 37	27♋15'11	1♉20	11°R33	12♊ 2	17♋ 7	20♌51	18♎42	13°R26	13°R33	28°R29	0°R 5	28♊38	4♏48	n.a.	T 1
W 2	20 0 34	28°13'32	14° 8	10♌54	13° 5	17°45	21° 0	18°45	13♉24	13♒32	28♓28	0♋ 4	28°35	4°55	n.a.	W 2
T 3	20 4 30	29°11'55	27°14	10° 9	14° 8	18°24	21° 8	18°48	13°22	13°30	28°28	0° 2	28°32	5° 1	n.a.	T 3
F 4	20 8 27	0♌10'20	10♒38	9°18	15°12	19° 2	21°17	18°51	13°19	13°28	28°27	29♊59	28°28	5° 8	n.a.	F 4
S 5	20 12 23	1° 8'47	24°17	8°24	16°16	19°40	21°25	18°54	13°17	13°27	28°27	29°54	28°25	5°15	n.a.	S 5
S 6	20 16 20	2° 7'16	8♓10	7°25	17°21	20°18	21°34	18°57	13°15	13°25	28°26	29°49	28°22	5°21	n.a.	S 6
M 7	20 20 16	3° 5'47	22°13	6°24	18°25	20°57	21°42	19° 0	13°13	13°24	28°26	29°45	28°19	5°28	n.a.	M 7
T 8	20 24 13	4° 4'21	6♈22	5°22	19°30	21°35	21°50	19° 3	13°11	13°22	28°25	29°41	28°16	5°35	n.a.	T 8
W 9	20 28 9	5° 2'56	20°34	4°20	20°36	22°13	21°58	19° 6	13° 8	13°20	28°24	29°38	28°12	5°42	n.a.	W 9
T 10	20 32 6	6° 1'35	4♉45	3°19	21°41	22°52	22° 5	19°10	13° 6	13°19	28°24	29°D38	28° 9	5°48	n.a.	T 10
F 11	20 36 3	7° 0'15	18°55	2°21	22°47	23°30	22°13	19°13	13° 4	13°17	28°23	29°38	28° 6	5°55	n.a.	F 11
S 12	20 39 59	7°58'59	3♊ 1	1°28	23°53	24° 9	22°21	19°17	13° 2	13°15	28°22	29°39	28° 3	6° 2	n.a.	S 12
S 13	20 43 56	8°57'44	17° 2	0°41	24°59	24°47	22°28	19°21	13° 0	13°14	28°22	29°41	28° 0	6° 8	n.a.	S 13
M14	20 47 52	9°56'32	0♋56	0° 1	26° 5	25°25	22°35	19°24	12°58	13°12	28°21	29°R41	27°57	6°15	n.a.	M14
T 15	20 51 49	10°55'22	14°42	29♋29	27°12	26° 4	22°42	19°28	12°56	13°10	28°20	29°40	27°53	6°22	n.a.	T 15
W16	20 55 45	11°54'15	28°17	29° 6	28°18	26°42	22°49	19°32	12°54	13° 9	28°20	29°37	27°50	6°28	n.a.	W16
T 17	20 59 42	12°53'10	11♌39	28°53	29°25	27°20	22°56	19°36	12°52	13° 7	28°19	29°32	27°47	6°35	n.a.	T 17
F 18	21 3 38	13°52'07	24°48	28°D50	0♋33	27°59	23° 2	19°40	12°50	13° 5	28°18	29°25	27°44	6°42	n.a.	F 18
S 19	21 7 35	14°51'06	7♍40	28°56	1°40	28°37	23° 9	19°44	12°48	13° 4	28°17	29°17	27°41	6°49	n.a.	S 19
S 20	21 11 32	15°50'06	20°16	29°13	2°48	29°16	23°15	19°48	12°46	13° 2	28°17	29° 9	27°38	6°55	n.a.	S 20
M21	21 15 28	16°49'09	2♎37	29°39	3°55	29°54	23°21	19°53	12°44	13° 0	28°16	29° 1	27°34	7° 2	n.a.	M21
T 22	21 19 25	17°48'14	14°45	0♌15	5° 3	0♌33	23°27	19°57	12°42	12°59	28°15	28°54	27°31	7° 9	n.a.	T 22
W23	21 23 21	18°47'21	26°43	0°59	6°11	1°11	23°33	20° 1	12°41	12°57	28°14	28°49	27°28	7°15	n.a.	W23
T 24	21 27 18	19°46'30	8♏35	1°52	7°20	1°49	23°39	20° 6	12°39	12°55	28°13	28°47	27°25	7°22	n.a.	T 24
F 25	21 31 14	20°45'41	20°25	2°52	8°28	2°28	23°44	20°10	12°37	12°54	28°12	28°D46	27°22	7°29	n.a.	F 25
S 26	21 35 11	21°44'54	2♐19	4° 0	9°37	3° 6	23°49	20°15	12°35	12°52	28°12	28°46	27°18	7°35	n.a.	S 26
S 27	21 39 7	22°44'08	14°22	5°13	10°46	3°45	23°55	20°20	12°34	12°50	28°11	28°47	27°15	7°42	n.a.	S 27
M28	21 43 4	23°43'25	26°39	6°32	11°55	4°23	24° 0	20°25	12°32	12°49	28°10	28°R48	27°12	7°49	n.a.	M28
T 29	21 47 0	24°42'44	9♑15	7°56	13° 4	5° 2	24° 4	20°29	12°31	12°47	28° 9	28°48	27° 9	7°55	n.a.	T 29
W30	21 50 57	25°42'04	22°13	9°24	14°13	5°40	24° 9	20°34	12°29	12°46	28° 8	28°45	27° 6	8° 2	n.a.	W30
T 31	21 54 54	26♌41'27	5♒34	10♌56	15♋23	6♌19	24♌14	20♎39	12♉27	12♒44	28♓ 7	28♊40	27♊ 3	8♏ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 3	23s56	0s 7	13n32	4s14	20n 6	2s32	23n51	1n 9	17n37	0s40	5s21	2n16	23s44	0s36	18s12	1s13	15s44	16s35	23n50	23n49	9s25			n.a.
W 2	20 51	24 20	1 16	13 41	4 15	20 18	2 28	23 46	1 9	17 39	0 40	5 22	2 16	23 44	0 36	18 12	1 13	15 45	16 35	23 50	23 49	9 28			n.a.
T 3	20 39	23 23	2 23	13 54	4 15	20 30	2 23	23 41	1 9	17 42	0 40	5 24	2 16	23 44	0 36	18 13	1 13	15 45	16 35	23 50	23 49	9 31			n.a.
F 4	20 26	21 7	3 24	14 9	4 13	20 41	2 19	23 36	1 9	17 44	0 40	5 25	2 15	23 44	0 36	18 13	1 13	15 46	16 35	23 50	23 49	9 33			n.a.
S 5	20 14	17 37	4 14	14 28	4 8	20 52	2 15	23 30	1 9	17 46	0 40	5 26	2 15	23 44	0 36	18 13	1 13	15 46	16 36	23 50	23 49	9 36			n.a.
S 6	20 0	13 6	4 50	14 49	4 2	21 3	2 11	23 25	1 10	17 48	0 40	5 28	2 15	23 45	0 36	18 14	1 13	15 47	16 36	23 50	23 49	9 39			n.a.
M 7	19 47	7 51	5 9	15 12	3 54	21 13	2 7	23 19	1 10	17 50	0 40	5 29	2 15	23 45	0 36	18 14	1 13	15 47	16 36	23 50	23 49	9 41			n.a.
T 8	19 33	2 9	5 9	15 37	3 44	21 22	2 2	23 13	1 10	17 52	0 40	5 31	2 14	23 45	0 36	18 15	1 13	15 48	16 36	23 50	23 49	9 44			n.a.
W 9	19 19	3n40	4 51	16 4	3 32	21 31	1 58	23 7	1 10	17 55	0 40	5 32	2 14	23 45	0 36	18 15	1 13	15 48	16 37	23 50	23 49	9 47			n.a.
T 10	19 4	9 19	4 15	16 31	3 18	21 40	1 54	23 0	1 10	17 57	0 40	5 34	2 14	23 46	0 36	18 16	1 13	15 49	16 37	23 50	23 49	9 50			n.a.
F 11	18 49	14 28	3 23	17 0	3 2	21 48	1 50	22 54	1 10	17 59	0 40	5 35	2 14	23 46	0 36	18 16	1 13	15 49	16 37	23 50	23 49	9 52			n.a.
S 12	18 34	18 49	2 20	17 28	2 45	21 56	1 45	22 47	1 11	18 1	0 40	5 37	2 13	23 46	0 36	18 17	1 14	15 50	16 38	23 50	23 49	9 55			n.a.
S 13	18 18	22 3	1 8	17 56	2 27	22 3	1 41	22 41	1 11	18 2	0 40	5 38	2 13	23 46	0 36	18 17	1 14	15 50	16 38	23 50	23 49	9 58			n.a.
M14	18 3	23 56	0n 7	18 23	2 9	22 10	1 37	22 34	1 11	18 4	0 40	5 40	2 13	23 46	0 35	18 18	1 14	15 51	16 38	23 50	23 49	10 1			n.a.
T 15	17 46	24 20	1 21	18 48	1 50	22 16	1 32	22 26	1 11	18 6	0 40	5 42	2 13	23 47	0 35	18 18	1 14	15 51	16 38	23 50	23 49	10 3			n.a.
W16	17 30	23 16	2 29	19 12	1 30	22 21	1 28	22 19	1 11	18 8	0 40	5 43	2 12	23 47	0 35	18 19	1 14	15 52	16 38	23 50	23 49	10 6			n.a.
T 17	17 13	20 53	3 27	19 33	1 11	22 26	1 24	22 12	1 11	18 10	0 40	5 45	2 12	23 47	0 35	18 19	1 14	15 52	16 39	23 50	23 48	10 9			n.a.
F 18	16 56	17 26	4 14	19 53	0 52	22 30	1 19	22 4	1 11	18 11	0 40	5 47	2 12	23 47	0 35	18 20	1 14	15 53	16 39	23 50	23 48	10 11			n.a.
S 19	16 39	13 14	4 46	20 9	0 34	22 34	1 15	21 56	1 12	18 13	0 40	5 49	2 12	23 47	0 35	18 20	1 14	15 53	16 39	23 49	23 48	10 14			n.a.
S 20	16 21	8 33	5 4	20 23	0 16	22 37	1 11	21 48	1 12	18 15	0 40	5 51	2 12	23 47	0 35	18 21	1 14	15 54	16 39	23 49	23 48	10 17			n.a.
M21	16 3	3 37	5 7	20 34	0n 1	22 40	1 6	21 40	1 12	18 16	0 40	5 52	2 11	23 48	0 35	18 21	1 14	15 54	16 40	23 49	23 48	10 20			n.a.
T 22	15 45	1s22	4 56	20 42	0 16	22 42	1 2	21 32	1 12	18 18	0 40	5 54	2 11	23 48	0 35	18 22	1 14	15 55	16 40	23 49	23 48	10 22			n.a.
W23	15 26	6 15	4 32	20 46	0 31	22 43	0 58	21 23	1 12	18 19	0 40	5 56	2 11	23 48	0 35	18 22	1 14	15 55	16 40	23 49	23 48	10 25			n.a.
T 24	15 7	10 51	3 57	20 47	0 44	22 44	0 53	21 15	1 12	18 20	0 40	5 58	2 11	23 48	0 35	18 23	1 14	15 56	16 40	23 49	23 48	10 28			n.a.
F 25	14 48	15 4	3 11	20 45	0 57	22 44	0 49	21 6	1 12	18 22	0 40	6 0	2 10	23 48	0 35	18 23	1 14	15 56	16 40	23 49	23 48	10 30			n.a.
S 26	14 29	18 43	2 17	20 40	1 8	22 43	0 45	20 57	1 13	18 23	0 40	6 2	2 10	23 48	0 35	18 24	1 14	15 57	16 41	23 49	23 48	10 33			n.a.
S 27	14 9	21 37	1 17	20 31	1 17	22 42	0 41	20 48	1 13	18 24	0 40	6 4	2 10	23 49	0 35	18 24	1 14	15 57	16 41	23 49	23 48	10 36			n.a.
M28	13 50	23 36	0 12	20 19	1 26	22 41	0 37	20 39	1 13	18 26	0 40	6 6	2 10	23 49	0 35	18 25	1 14	15 58	16 41	23 49	23 48	10 39			n.a.
T 29	13 30	24 26	0s56	20 5	1 33	22 38	0 32	20 30	1 13	18 27	0 40	6 8	2 10	23 49	0 35	18 25	1 14	15 58	16 41	23 49	23 48	10 41			n.a.
W30	13 9	23 58	2 2	19 47	1 39	22 35	0 28	20 20	1 13	18 28	0 40	6 10	2 9	23 49	0 35	18 26	1 14	15 59	16 41	23 49	23 48	10 44			n.a.
T 31	12n49	22s 9	3s 3	19n27	1n44	22n31	0s24	20n11	1n13	18n29	0s40	6s12	2n 9	23s49	0s35	18s26	1s14	15s59	16s42	23n49	23n48	10s47			n.a.

Julian Day Number = 1316938.5, Delta T = 07h36m26s
Ecliptic obliquity = 23°49'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'44, Lahiri = -19°14'44 Julian Calendar 1 Aug. 1108 BCE == Greg. Calendar 21 July 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

SEPTEMBER 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 58 50	27♌40'52	19♒18	12♌30	16♋32	6♌57	24♉18	20♎44	12°R26	12°R42	28°R 6	28°R33	26♊59	8♏16	n.a.	F 1
S 2	22 2 47	28°40'18	3♓24	14° 7	17°42	7°36	24°22	20°49	12♉25	12♒41	28♓ 5	28♊24	26°56	8°22	n.a.	S 2
S 3	22 6 43	29°39'47	17°45	15°46	18°52	8°14	24°26	20°55	12°23	12°39	28° 4	28°14	26°53	8°29	n.a.	S 3
M 4	22 10 40	0♍39'18	2♈16	17°26	20° 2	8°53	24°30	21° 0	12°22	12°38	28° 3	28° 4	26°50	8°36	n.a.	M 4
T 5	22 14 36	1°38'52	16°50	19° 8	21°12	9°32	24°33	21° 5	12°21	12°36	28° 2	27°56	26°47	8°42	n.a.	T 5
W 6	22 18 33	2°38'28	1♉20	20°51	22°23	10°10	24°37	21°10	12°19	12°35	28° 1	27°50	26°44	8°49	n.a.	W 6
T 7	22 22 29	3°38'06	15°42	22°34	23°33	10°49	24°40	21°16	12°18	12°33	28° 0	27°46	26°40	8°56	n.a.	T 7
F 8	22 26 26	4°37'47	29°53	24°17	24°44	11°27	24°43	21°21	12°17	12°32	27°59	27°D45	26°37	9° 2	n.a.	F 8
S 9	22 30 22	5°37'30	13♊51	26° 1	25°55	12° 6	24°46	21°27	12°16	12°30	27°58	27°45	26°34	9° 9	n.a.	S 9
S 10	22 34 19	6°37'16	27°36	27°45	27° 6	12°45	24°48	21°32	12°15	12°29	27°57	27°R46	26°31	9°16	n.a.	S 10
M11	22 38 16	7°37'05	11♋10	29°29	28°17	13°23	24°51	21°38	12°14	12°27	27°56	27°45	26°28	9°22	n.a.	M11
T 12	22 42 12	8°36'55	24°32	1♍13	29°28	14° 2	24°53	21°44	12°13	12°26	27°55	27°42	26°24	9°29	n.a.	T 12
W13	22 46 9	9°36'48	7♌43	2°56	0♌39	14°41	24°55	21°49	12°12	12°24	27°54	27°36	26°21	9°36	n.a.	W13
T 14	22 50 5	10°36'43	20°43	4°39	1°50	15°19	24°57	21°55	12°11	12°23	27°53	27°28	26°18	9°42	n.a.	T 14
F 15	22 54 2	11°36'41	3♍32	6°22	3° 2	15°58	24°59	22° 1	12°10	12°21	27°52	27°17	26°15	9°49	n.a.	F 15
S 16	22 57 58	12°36'40	16° 9	8° 4	4°14	16°37	25° 0	22° 7	12° 9	12°20	27°51	27° 4	26°12	9°56	n.a.	S 16
S 17	23 1 55	13°36'41	28°35	9°46	5°25	17°15	25° 2	22°13	12° 8	12°19	27°50	26°50	26° 9	10° 3	n.a.	S 17
M18	23 5 51	14°36'45	10♎48	11°27	6°37	17°54	25° 3	22°19	12° 7	12°17	27°48	26°37	26° 5	10° 9	n.a.	M18
T 19	23 9 48	15°36'50	22°51	13° 8	7°49	18°33	25° 3	22°25	12° 7	12°16	27°47	26°25	26° 2	10°16	n.a.	T 19
W20	23 13 44	16°36'57	4♏46	14°48	9° 1	19°11	25° 4	22°31	12° 6	12°15	27°46	26°16	25°59	10°23	n.a.	W20
T 21	23 17 41	17°37'06	16°36	16°28	10°14	19°50	25° 5	22°37	12° 6	12°13	27°45	26° 9	25°56	10°29	n.a.	T 21
F 22	23 21 38	18°37'17	28°23	18° 7	11°26	20°29	25° 5	22°43	12° 5	12°12	27°44	26° 6	25°53	10°36	n.a.	F 22
S 23	23 25 34	19°37'29	10♐15	19°46	12°38	21° 8	25°R 5	22°49	12° 4	12°11	27°43	26° 4	25°49	10°43	n.a.	S 23
S 24	23 29 31	20°37'44	22°15	21°24	13°51	21°47	25° 5	22°56	12° 4	12° 9	27°42	26° 4	25°46	10°49	n.a.	S 24
M25	23 33 27	21°37'59	4♑29	23° 2	15° 3	22°25	25° 5	23° 2	12° 4	12° 8	27°41	26° 4	25°43	10°56	n.a.	M25
T 26	23 37 24	22°38'17	17° 2	24°39	16°16	23° 4	25° 4	23° 8	12° 3	12° 7	27°39	26° 3	25°40	11° 3	n.a.	T 26
W27	23 41 20	23°38'36	0♒ 0	26°16	17°29	23°43	25° 3	23°15	12° 3	12° 6	27°38	25°59	25°37	11° 9	n.a.	W27
T 28	23 45 17	24°38'57	13°26	27°52	18°41	24°22	25° 3	23°21	12° 3	12° 5	27°37	25°54	25°34	11°16	n.a.	T 28
F 29	23 49 13	25°39'19	27°20	29°28	19°54	25° 1	25° 1	23°28	12° 3	12° 4	27°36	25°45	25°30	11°23	n.a.	F 29
S 30	23 53 10	26♍39'43	11♓40	1♎ 4	21♌ 7	25♌39	25♉ 0	23♎34	12♑ 2	12♒ 3	27♓35	25♊34	25♊27	11♏29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n28	19s 0	3s56	19n 4	1n49	22n27	0s20	20n 1	1n13	18n30	0s40	6s14	2n 9	23s49	0s35	18s27	1s14	16s 0	16s42	23n49	23n48	10s49		n.a.
S 2	12 7	14 41	4 35	18 38	1 52	22 22	0 16	19 51	1 13	18 31	0 40	6 16	2 9	23 49	0 35	18 27	1 14	16 0	16 42	23 49	23 47	10 52		n.a.
S 3	11 46	9 29	4 58	18 11	1 54	22 16	0 12	19 41	1 13	18 32	0 40	6 18	2 9	23 49	0 35	18 28	1 14	16 1	16 42	23 49	23 47	10 55		n.a.
M 4	11 25	3 42	5 3	17 41	1 55	22 10	0 8	19 31	1 14	18 33	0 40	6 21	2 8	23 50	0 35	18 28	1 14	16 1	16 42	23 49	23 47	10 58		n.a.
T 5	11 4	2n18	4 47	17 10	1 56	22 3	0 5	19 20	1 14	18 34	0 40	6 23	2 8	23 50	0 35	18 28	1 14	16 2	16 42	23 49	23 47	11 0		n.a.
W 6	10 42	8 10	4 14	16 36	1 56	21 55	0 1	19 10	1 14	18 35	0 40	6 25	2 8	23 50	0 35	18 29	1 14	16 3	16 42	23 49	23 47	11 3		n.a.
T 7	10 20	13 33	3 24	16 2	1 55	21 47	0n 3	18 59	1 14	18 36	0 40	6 27	2 8	23 50	0 35	18 29	1 14	16 3	16 43	23 48	23 47	11 6		n.a.
F 8	9 58	18 8	2 23	15 25	1 54	21 38	0 7	18 48	1 14	18 36	0 40	6 29	2 8	23 50	0 35	18 30	1 14	16 4	16 43	23 48	23 47	11 8		n.a.
S 9	9 36	21 37	1 13	14 48	1 52	21 29	0 11	18 37	1 14	18 37	0 40	6 32	2 8	23 50	0 35	18 30	1 14	16 4	16 43	23 48	23 47	11 11		n.a.
S 10	9 13	23 47	0 1	14 9	1 49	21 19	0 14	18 26	1 14	18 38	0 40	6 34	2 7	23 50	0 35	18 31	1 14	16 5	16 43	23 48	23 47	11 14		n.a.
M11	8 51	24 31	1n11	13 30	1 47	21 8	0 18	18 15	1 14	18 38	0 40	6 36	2 7	23 50	0 35	18 31	1 14	16 5	16 43	23 48	23 47	11 16		n.a.
T 12	8 28	23 48	2 17	12 49	1 43	20 56	0 21	18 4	1 14	18 39	0 40	6 39	2 7	23 50	0 35	18 31	1 14	16 6	16 43	23 48	23 47	11 19		n.a.
W13	8 5	21 46	3 15	12 8	1 39	20 44	0 25	17 53	1 14	18 39	0 40	6 41	2 7	23 50	0 35	18 32	1 14	16 6	16 43	23 48	23 47	11 22		n.a.
T 14	7 42	18 38	4 2	11 26	1 35	20 32	0 28	17 41	1 14	18 40	0 40	6 43	2 7	23 50	0 35	18 32	1 14	16 7	16 43	23 48	23 46	11 25		n.a.
F 15	7 19	14 38	4 35	10 44	1 31	20 18	0 31	17 29	1 14	18 40	0 40	6 46	2 7	23 50	0 35	18 33	1 14	16 7	16 43	23 48	23 46	11 27		n.a.
S 16	6 56	10 4	4 55	10 1	1 26	20 4	0 35	17 18	1 15	18 41	0 40	6 48	2 6	23 51	0 35	18 33	1 14	16 8	16 43	23 48	23 46	11 30		n.a.
S 17	6 33	5 9	5 0	9 17	1 21	19 50	0 38	17 6	1 15	18 41	0 40	6 50	2 6	23 51	0 35	18 33	1 14	16 8	16 44	23 47	23 46	11 33		n.a.
M18	6 9	0 7	4 51	8 33	1 16	19 35	0 41	16 54	1 15	18 41	0 40	6 53	2 6	23 51	0 35	18 34	1 14	16 9	16 44	23 47	23 46	11 35		n.a.
T 19	5 46	4s52	4 30	7 49	1 11	19 19	0 44	16 42	1 15	18 41	0 40	6 55	2 6	23 51	0 35	18 34	1 14	16 9	16 44	23 47	23 46	11 38		n.a.
W20	5 22	9 37	3 56	7 5	1 5	19 3	0 47	16 29	1 15	18 42	0 40	6 58	2 6	23 51	0 35	18 35	1 13	16 10	16 44	23 46	23 46	11 41		n.a.
T 21	4 58	14 0	3 13	6 20	0 59	18 46	0 50	16 17	1 15	18 42	0 40	7 0	2 6	23 51	0 35	18 35	1 13	16 10	16 44	23 46	23 46	11 43		n.a.
F 22	4 34	17 50	2 21	5 35	0 53	18 29	0 53	16 5	1 15	18 42	0 40	7 2	2 5	23 51	0 35	18 35	1 13	16 11	16 44	23 46	23 46	11 46		n.a.
S 23	4 10	20 59	1 23	4 50	0 47	18 11	0 56	15 52	1 15	18 42	0 40	7 5	2 5	23 51	0 35	18 36	1 13	16 11	16 44	23 46	23 46	11 49		n.a.
S 24	3 46	23 16	0 20	4 5	0 41	17 52	0 59	15 39	1 15	18 42	0 40	7 7	2 5	23 51	0 35	18 36	1 13	16 12	16 44	23 46	23 45	11 51		n.a.
M25	3 22	24 29	0s44	3 20	0 35	17 33	1 1	15 27	1 15	18 42	0 40	7 10	2 5	23 51	0 35	18 36	1 13	16 12	16 44	23 46	23 45	11 54		n.a.
T 26	2 58	24 31	1 49	2 35	0 28	17 14	1 4	15 14	1 15	18 42	0 40	7 12	2 5	23 51	0 35	18 37	1 13	16 13	16 44	23 46	23 45	11 57		n.a.
W27	2 34	23 14	2 49	1 51	0 22	16 54	1 6	15 1	1 15	18 42	0 40	7 15	2 5	23 51	0 35	18 37	1 13	16 13	16 44	23 46	23 45	11 59		n.a.
T 28	2 10	20 36	3 42	1 6	0 16	16 33	1 9	14 48	1 15	18 41	0 40	7 17	2 5	23 51	0 35	18 37	1 13	16 14	16 44	23 46	23 45	12 2		n.a.
F 29	1 45	16 43	4 25	0 21	0 9	16 12	1 11	14 34	1 15	18 41	0 40	7 20	2 5	23 51	0 35	18 37	1 13	16 14	16 44	23 45	23 45	12 5		n.a.
S 30	1n21	11s46	4s51	0s24	0n 2	15n51	1n13	14n21	1n15	18n41	0s40	7s22	2n 4	23s51	0s35	18s38	1s13	16s14	16s44	23n45	23n45	12s 7		n.a.

Julian Day Number = 1316969.5, Delta T = 07h36m24s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'40, Lahiri = -19°14'40 Julian Calendar 1 Sept. 1108 BCE == Greg. Calendar 21 Aug. 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

OCTOBER 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 7	27♍40'09	26♓22	2♎39	22♌20	26♌18	24°R59	23♎41	12°R 2	12°R 2	27°R34	25°R22	25♊24	11♏36	n.a.	S 1
M 2	0 1 3	28°40'37	11♈18	4°14	23°34	26°57	24♉57	23°47	12°D 2	12♒ 1	27♓33	25♊10	25°21	11°43	n.a.	M 2
T 3	0 5 0	29°41'06	26°19	5°48	24°47	27°36	24°55	23°54	12♑ 2	12° 0	27°32	25° 0	25°18	11°49	n.a.	T 3
W 4	0 8 56	0♎41'37	11♉14	7°23	26° 0	28°15	24°53	24° 0	12° 2	11°59	27°30	24°52	25°15	11°56	n.a.	W 4
T 5	0 12 53	1°42'10	25°56	8°56	27°13	28°54	24°51	24° 7	12° 3	11°58	27°29	24°47	25°11	12° 3	n.a.	T 5
F 6	0 16 49	2°42'46	10♊20	10°30	28°27	29°33	24°48	24°14	12° 3	11°57	27°28	24°45	25° 8	12°10	n.a.	F 6
S 7	0 20 46	3°43'23	24°24	12° 3	29°41	0♍12	24°45	24°20	12° 3	11°56	27°27	24°D45	25° 5	12°16	n.a.	S 7
S 8	0 24 42	4°44'02	8♋ 8	13°36	0♍54	0°51	24°42	24°27	12° 3	11°55	27°26	24°R45	25° 2	12°23	n.a.	S 8
M 9	0 28 39	5°44'43	21°32	15° 9	2° 8	1°29	24°39	24°34	12° 4	11°54	27°25	24°44	24°59	12°30	n.a.	M 9
T 10	0 32 36	6°45'26	4♌40	16°41	3°22	2° 8	24°36	24°40	12° 4	11°53	27°24	24°41	24°55	12°36	n.a.	T 10
W11	0 36 32	7°46'11	17°34	18°13	4°35	2°47	24°33	24°47	12° 4	11°53	27°22	24°35	24°52	12°43	n.a.	W11
T 12	0 40 29	8°46'58	0♍15	19°45	5°49	3°26	24°29	24°54	12° 5	11°52	27°21	24°27	24°49	12°50	n.a.	T 12
F 13	0 44 25	9°47'46	12°46	21°16	7° 3	4° 5	24°25	25° 1	12° 5	11°51	27°20	24°16	24°46	12°56	n.a.	F 13
S 14	0 48 22	10°48'35	25° 7	22°48	8°17	4°44	24°21	25° 8	12° 6	11°50	27°19	24° 2	24°43	13° 3	n.a.	S 14
S 15	0 52 18	11°49'27	7♎19	24°19	9°31	5°23	24°17	25°15	12° 7	11°50	27°18	23°48	24°40	13°10	n.a.	S 15
M16	0 56 15	12°50'19	19°23	25°50	10°45	6° 3	24°12	25°22	12° 7	11°49	27°17	23°35	24°36	13°16	n.a.	M16
T 17	1 0 11	13°51'13	1♏20	27°20	12° 0	6°42	24° 8	25°28	12° 8	11°49	27°16	23°23	24°33	13°23	n.a.	T 17
W18	1 4 8	14°52'08	13°11	28°50	13°14	7°21	24° 3	25°35	12° 9	11°48	27°15	23°13	24°30	13°30	n.a.	W18
T 19	1 8 5	15°53'05	24°59	0♏20	14°28	8° 0	23°58	25°42	12°10	11°47	27°14	23° 7	24°27	13°36	n.a.	T 19
F 20	1 12 1	16°54'02	6♐46	1°50	15°42	8°39	23°53	25°49	12°10	11°47	27°13	23° 3	24°24	13°43	n.a.	F 20
S 21	1 15 58	17°55'01	18°36	3°19	16°57	9°18	23°48	25°56	12°11	11°46	27°12	23°D 1	24°21	13°50	n.a.	S 21
S 22	1 19 54	18°56'01	0♑34	4°48	18°11	9°57	23°42	26° 3	12°12	11°46	27°11	23° 1	24°17	13°56	n.a.	S 22
M23	1 23 51	19°57'02	12°45	6°16	19°26	10°36	23°37	26°10	12°13	11°46	27° 9	23° 2	24°14	14° 3	n.a.	M23
T 24	1 27 47	20°58'03	25°13	7°44	20°40	11°15	23°31	26°17	12°15	11°45	27° 8	23°R 2	24°11	14°10	n.a.	T 24
W25	1 31 44	21°59'05	8♒ 5	9°11	21°55	11°54	23°25	26°24	12°16	11°45	27° 7	23° 1	24° 8	14°16	n.a.	W25
T 26	1 35 40	23° 0'08	21°25	10°37	23° 9	12°33	23°19	26°31	12°17	11°45	27° 6	22°57	24° 5	14°23	n.a.	T 26
F 27	1 39 37	24° 1'12	5♓14	12° 2	24°24	13°13	23°13	26°38	12°18	11°44	27° 5	22°51	24° 1	14°30	n.a.	F 27
S 28	1 43 34	25° 2'17	19°34	13°27	25°38	13°52	23° 7	26°45	12°19	11°44	27° 4	22°43	23°58	14°36	n.a.	S 28
S 29	1 47 30	26° 3'22	4♈20	14°50	26°53	14°31	23° 0	26°52	12°21	11°44	27° 3	22°34	23°55	14°43	n.a.	S 29
M30	1 51 27	27° 4'28	19°25	16°12	28° 8	15°10	22°54	26°59	12°22	11°44	27° 2	22°25	23°52	14°50	n.a.	M30
T 31	1 55 23	28♎ 5'35	4♉41	17♏32	29♍22	15♍49	22♉47	27♎ 6	12♑24	11♒44	27♓ 2	22♊17	23♊49	14♏56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0n56	6s 2	5s 0	1s 8	0s 4	15n29	1n16	14n 8	1n15	18n40	0s40	7s25	2n 4	23s51	0s35	18s38	1s13	16s15	16s44	23n45	23n45	12s10			n.a.
M 2	0 32	0n 8	4 48	1 52	0 11	15 6	1 18	13 54	1 15	18 40	0 40	7 27	2 4	23 51	0 35	18 38	1 13	16 15	16 44	23 44	23 45	12 13			n.a.
T 3	0 8	6 20	4 17	2 36	0 17	14 43	1 20	13 41	1 15	18 40	0 40	7 30	2 4	23 51	0 35	18 39	1 13	16 16	16 44	23 44	23 45	12 15			n.a.
W 4	0s17	12 9	3 28	3 20	0 24	14 20	1 22	13 27	1 15	18 39	0 40	7 33	2 4	23 51	0 35	18 39	1 13	16 16	16 44	23 44	23 44	12 18			n.a.
T 5	0 41	17 11	2 26	4 4	0 30	13 56	1 24	13 13	1 15	18 39	0 40	7 35	2 4	23 51	0 35	18 39	1 13	16 17	16 44	23 43	23 44	12 21			n.a.
F 6	1 6	21 7	1 15	4 47	0 37	13 32	1 25	12 59	1 15	18 38	0 40	7 38	2 4	23 51	0 35	18 39	1 13	16 17	16 44	23 43	23 44	12 23			n.a.
S 7	1 30	23 41	0 2	5 30	0 43	13 8	1 27	12 45	1 15	18 37	0 40	7 40	2 4	23 51	0 35	18 40	1 13	16 17	16 44	23 43	23 44	12 26			n.a.
S 8	1 55	24 44	1n10	6 12	0 49	12 43	1 29	12 31	1 15	18 37	0 40	7 43	2 4	23 51	0 34	18 40	1 13	16 18	16 44	23 43	23 44	12 29			n.a.
M 9	2 19	24 19	2 17	6 55	0 56	12 17	1 30	12 17	1 15	18 36	0 40	7 45	2 3	23 51	0 34	18 40	1 13	16 18	16 44	23 43	23 44	12 31			n.a.
T 10	2 43	22 33	3 14	7 36	1 2	11 52	1 32	12 3	1 15	18 35	0 40	7 48	2 3	23 50	0 34	18 40	1 13	16 19	16 43	23 43	23 44	12 34			n.a.
W11	3 8	19 38	4 1	8 18	1 8	11 25	1 33	11 49	1 15	18 34	0 40	7 51	2 3	23 50	0 34	18 40	1 13	16 19	16 43	23 43	23 44	12 37			n.a.
T 12	3 32	15 50	4 35	8 59	1 14	10 59	1 35	11 34	1 15	18 33	0 40	7 53	2 3	23 50	0 34	18 41	1 13	16 19	16 43	23 43	23 43	12 39			n.a.
F 13	3 56	11 24	4 55	9 39	1 19	10 32	1 36	11 20	1 15	18 33	0 40	7 56	2 3	23 50	0 34	18 41	1 13	16 20	16 43	23 42	23 43	12 42			n.a.
S 14	4 21	6 33	5 1	10 19	1 25	10 5	1 37	11 5	1 15	18 32	0 40	7 58	2 3	23 50	0 34	18 41	1 13	16 20	16 43	23 41	23 43	12 45			n.a.
S 15	4 45	1 31	4 53	10 59	1 31	9 38	1 38	10 51	1 15	18 31	0 39	8 1	2 3	23 50	0 34	18 41	1 13	16 20	16 43	23 41	23 43	12 47			n.a.
M16	5 9	3s32	4 31	11 37	1 36	9 10	1 39	10 36	1 15	18 30	0 39	8 4	2 3	23 50	0 34	18 41	1 13	16 21	16 43	23 40	23 43	12 50			n.a.
T 17	5 33	8 24	3 58	12 16	1 41	8 42	1 40	10 21	1 15	18 28	0 39	8 6	2 3	23 50	0 34	18 41	1 13	16 21	16 43	23 40	23 43	12 53			n.a.
W18	5 57	12 57	3 15	12 53	1 46	8 14	1 41	10 7	1 15	18 27	0 39	8 9	2 3	23 50	0 34	18 42	1 13	16 21	16 43	23 39	23 43	12 55			n.a.
T 19	6 21	17 0	2 23	13 30	1 51	7 46	1 41	9 52	1 15	18 26	0 39	8 12	2 3	23 50	0 34	18 42	1 13	16 22	16 43	23 39	23 43	12 58			n.a.
F 20	6 45	20 23	1 26	14 6	1 55	7 17	1 42	9 37	1 15	18 25	0 39	8 14	2 3	23 50	0 34	18 42	1 13	16 22	16 42	23 38	23 42	13 1			n.a.
S 21	7 8	22 56	0 24	14 41	2 0	6 48	1 42	9 22	1 15	18 24	0 39	8 17	2 2	23 50	0 34	18 42	1 13	16 22	16 42	23 38	23 42	13 3			n.a.
S 22	7 32	24 30	0s40	15 16	2 4	6 19	1 43	9 7	1 15	18 22	0 39	8 19	2 2	23 49	0 34	18 42	1 13	16 23	16 42	23 38	23 42	13 6			n.a.
M23	7 55	24 55	1 43	15 49	2 7	5 50	1 43	8 52	1 15	18 21	0 39	8 22	2 2	23 49	0 34	18 42	1 13	16 23	16 42	23 38	23 42	13 8			n.a.
T 24	8 19	24 7	2 43	16 22	2 11	5 20	1 44	8 37	1 15	18 20	0 39	8 25	2 2	23 49	0 34	18 42	1 13	16 23	16 42	23 38	23 42	13 11			n.a.
W25	8 42	22 1	3 37	16 54	2 14	4 51	1 44	8 21	1 15	18 18	0 39	8 27	2 2	23 49	0 34	18 42	1 13	16 23	16 42	23 38	23 42	13 14			n.a.
T 26	9 5	18 42	4 21	17 24	2 16	4 21	1 44	8 6	1 15	18 17	0 39	8 30	2 2	23 49	0 34	18 42	1 13	16 24	16 41	23 38	23 42	13 16			n.a.
F 27	9 28	14 14	4 51	17 53	2 18	3 51	1 44	7 51	1 15	18 15	0 39	8 32	2 2	23 49	0 34	18 42	1 13	16 24	16 41	23 38	23 41	13 19			n.a.
S 28	9 51	8 51	5 5	18 21	2 20	3 21	1 44	7 35	1 15	18 14	0 39	8 35	2 2	23 49	0 34	18 42	1 13	16 24	16 41	23 37	23 41	13 22			n.a.
S 29	10 13	2 49	4 59	18 48	2 21	2 50	1 44	7 20	1 14	18 12	0 39	8 38	2 2	23 48	0 34	18 42	1 13	16 24	16 41	23 37	23 41	13 24			n.a.
M30	10 36	3n32	4 32	19 13	2 22	2 20	1 44	7 5	1 14	18 10	0 38	8 40	2 2	23 48	0 34	18 42	1 13	16 25	16 41	23 36	23 41	13 27			n.a.
T 31	10s58	9n44	3s46	19s37	2s22	1n50	1n43	6n49	1n14	18n 9	0s38	8s43	2n 2	23s48	0s34	18s42	1s13	16s25	16s41	23n36	23n41	13s29			n.a.

Julian Day Number = 1316999.5, Delta T = 07h36m22s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'36, Lahiri = -19°14'36 Julian Calendar 1 Oct. 1108 BCE == Greg. Calendar 20 Sept. 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

NOVEMBER 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 59 20	29♎ 6'43	19♉55	18♏51	0♎37	16♍28	22°R40	27♎13	12♑25	11°R44	27°R 1	22°R11	23♊46	15♏ 3	n.a.	W 1
T 2	2 3 16	0♏ 7'52	4♊59	20° 7	1°52	17° 8	22♉33	27°20	12°27	11♒44	27♓ 0	22♊ 8	23°42	15°10	n.a.	T 2
F 3	2 7 13	1° 9'02	19°43	21°21	3° 7	17°47	22°26	27°27	12°28	11°D44	26°59	22°D 6	23°39	15°17	n.a.	F 3
S 4	2 11 9	2°10'13	4♋ 3	22°32	4°22	18°26	22°19	27°34	12°30	11°44	26°58	22° 7	23°36	15°23	n.a.	S 4
S 5	2 15 6	3°11'25	17°57	23°39	5°36	19° 5	22°11	27°41	12°31	11°44	26°57	22° 8	23°33	15°30	n.a.	S 5
M 6	2 19 3	4°12'37	1♌26	24°43	6°51	19°45	22° 4	27°48	12°33	11°44	26°56	22°R 9	23°30	15°37	n.a.	M 6
T 7	2 22 59	5°13'51	14°33	25°42	8° 6	20°24	21°57	27°55	12°35	11°44	26°55	22° 8	23°26	15°43	n.a.	T 7
W 8	2 26 56	6°15'06	27°20	26°37	9°21	21° 3	21°49	28° 2	12°37	11°44	26°54	22° 6	23°23	15°50	n.a.	W 8
T 9	2 30 52	7°16'21	9♍51	27°25	10°36	21°42	21°41	28° 9	12°38	11°44	26°53	22° 2	23°20	15°57	n.a.	T 9
F 10	2 34 49	8°17'37	22°10	28° 7	11°51	22°22	21°34	28°16	12°40	11°44	26°53	21°55	23°17	16° 3	n.a.	F 10
S 11	2 38 45	9°18'54	4♎18	28°41	13° 6	23° 1	21°26	28°23	12°42	11°45	26°52	21°47	23°14	16°10	n.a.	S 11
S 12	2 42 42	10°20'11	16°19	29° 7	14°21	23°40	21°18	28°30	12°44	11°45	26°51	21°39	23°11	16°17	n.a.	S 12
M13	2 46 38	11°21'29	28°14	29°24	15°36	24°20	21°10	28°37	12°46	11°45	26°50	21°31	23° 7	16°23	n.a.	M13
T 14	2 50 35	12°22'47	10♏ 6	29°R30	16°51	24°59	21° 2	28°44	12°48	11°46	26°49	21°23	23° 4	16°30	n.a.	T 14
W15	2 54 32	13°24'06	21°54	29°26	18° 6	25°38	20°54	28°50	12°50	11°46	26°49	21°18	23° 1	16°37	n.a.	W15
T 16	2 58 28	14°25'25	3♐43	29°10	19°21	26°18	20°46	28°57	12°53	11°47	26°48	21°14	22°58	16°43	n.a.	T 16
F 17	3 2 25	15°26'43	15°33	28°43	20°36	26°57	20°38	29° 4	12°55	11°47	26°47	21°D12	22°55	16°50	n.a.	F 17
S 18	3 6 21	16°28'03	27°27	28° 3	21°52	27°37	20°30	29°11	12°57	11°48	26°47	21°12	22°52	16°57	n.a.	S 18
S 19	3 10 18	17°29'22	9♑29	27°13	23° 7	28°16	20°22	29°18	12°59	11°48	26°46	21°14	22°48	17° 3	n.a.	S 19
M20	3 14 14	18°30'41	21°41	26°12	24°22	28°55	20°14	29°25	13° 2	11°49	26°45	21°16	22°45	17°10	n.a.	M20
T 21	3 18 11	19°31'59	4♒ 9	25° 3	25°37	29°35	20° 6	29°31	13° 4	11°49	26°45	21°17	22°42	17°17	n.a.	T 21
W22	3 22 8	20°33'18	16°57	23°47	26°52	0♎14	19°57	29°38	13° 6	11°50	26°44	21°R18	22°39	17°23	n.a.	W22
T 23	3 26 4	21°34'36	0♓ 9	22°27	28° 7	0°53	19°49	29°45	13° 9	11°51	26°43	21°18	22°36	17°30	n.a.	T 23
F 24	3 30 1	22°35'53	13°47	21° 5	29°22	1°33	19°41	29°51	13°11	11°51	26°43	21°16	22°32	17°37	n.a.	F 24
S 25	3 33 57	23°37'11	27°53	19°45	0♏37	2°12	19°33	29°58	13°14	11°52	26°42	21°13	22°29	17°43	n.a.	S 25
S 26	3 37 54	24°38'27	12♈26	18°28	1°53	2°52	19°25	0♏ 5	13°16	11°53	26°42	21°10	22°26	17°50	n.a.	S 26
M27	3 41 50	25°39'44	27°21	17°18	3° 8	3°31	19°17	0°11	13°19	11°54	26°41	21° 6	22°23	17°57	n.a.	M27
T 28	3 45 47	26°41'00	12♉32	16°15	4°23	4°10	19° 9	0°18	13°21	11°54	26°41	21° 2	22°20	18° 3	n.a.	T 28
W29	3 49 43	27°42'16	27°49	15°21	5°38	4°50	19° 1	0°24	13°24	11°55	26°40	21° 0	22°17	18°10	n.a.	W29
T 30	3 53 40	28♏43'31	13♊ 0	14♏36	6♏53	5♎29	18♉53	0♏31	13♑27	11♒56	26♓40	20♊59	22♊13	18♏17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s20	15n23	2 s44	19 s59	2 s22	1n19	1n43	6n33	1n14	18n 7	0 s38	8 s45	2n 2	23 s48	0 s34	18 s42	1 s12	16 s25	16 s40	23n36	23n41	13 s32		n.a.
T 2	11 42	19 59	1 31	20 19	2 21	0 49	1 43	6 18	1 14	18 5	0 38	8 48	2 2	23 48	0 34	18 42	1 12	16 25	16 40	23 35	23 40	13 35		n.a.
F 3	12 4	23 12	0 13	20 37	2 19	0 18	1 42	6 2	1 14	18 4	0 38	8 50	2 2	23 48	0 34	18 42	1 12	16 25	16 40	23 35	23 40	13 37		n.a.
S 4	12 25	24 50	1n 4	20 54	2 16	0 s13	1 42	5 47	1 14	18 2	0 38	8 53	2 2	23 47	0 34	18 42	1 12	16 26	16 40	23 35	23 40	13 40		n.a.
S 5	12 47	24 50	2 15	21 8	2 13	0 43	1 41	5 31	1 14	18 0	0 38	8 56	2 2	23 47	0 34	18 42	1 12	16 26	16 39	23 35	23 40	13 43		n.a.
M 6	13 8	23 21	3 16	21 20	2 8	1 14	1 40	5 15	1 14	17 58	0 38	8 58	2 2	23 47	0 34	18 42	1 12	16 26	16 39	23 35	23 40	13 45		n.a.
T 7	13 29	20 38	4 5	21 29	2 3	1 45	1 39	4 59	1 14	17 56	0 38	9 1	2 2	23 47	0 34	18 42	1 12	16 26	16 39	23 35	23 40	13 48		n.a.
W 8	13 49	16 58	4 40	21 36	1 56	2 16	1 39	4 43	1 13	17 55	0 38	9 3	2 2	23 47	0 34	18 42	1 12	16 26	16 39	23 35	23 40	13 50		n.a.
T 9	14 10	12 38	5 2	21 40	1 48	2 46	1 38	4 28	1 13	17 53	0 37	9 6	2 2	23 47	0 34	18 42	1 12	16 26	16 39	23 35	23 39	13 53		n.a.
F 10	14 30	7 52	5 9	21 41	1 39	3 17	1 37	4 12	1 13	17 51	0 37	9 8	2 2	23 46	0 34	18 42	1 12	16 26	16 38	23 35	23 39	13 56		n.a.
S 11	14 50	2 52	5 1	21 38	1 29	3 47	1 36	3 56	1 13	17 49	0 37	9 11	2 2	23 46	0 34	18 42	1 12	16 26	16 38	23 34	23 39	13 58		n.a.
S 12	15 9	2 s12	4 41	21 33	1 18	4 18	1 34	3 40	1 13	17 47	0 37	9 13	2 2	23 46	0 34	18 42	1 12	16 27	16 38	23 34	23 39	14 1		n.a.
M13	15 29	7 10	4 8	21 24	1 4	4 48	1 33	3 24	1 13	17 45	0 37	9 16	2 2	23 46	0 34	18 42	1 12	16 27	16 38	23 33	23 39	14 3		n.a.
T 14	15 48	11 51	3 25	21 11	0 50	5 19	1 32	3 8	1 13	17 43	0 37	9 18	2 2	23 45	0 34	18 41	1 12	16 27	16 37	23 33	23 39	14 6		n.a.
W15	16 7	16 5	2 33	20 55	0 34	5 49	1 31	2 52	1 12	17 41	0 37	9 21	2 2	23 45	0 34	18 41	1 12	16 27	16 37	23 32	23 38	14 9		n.a.
T 16	16 26	19 42	1 34	20 34	0 17	6 19	1 29	2 36	1 12	17 39	0 37	9 23	2 2	23 45	0 34	18 41	1 12	16 27	16 37	23 32	23 38	14 11		n.a.
F 17	16 44	22 31	0 31	20 10	0n 1	6 49	1 28	2 20	1 12	17 37	0 36	9 25	2 2	23 45	0 34	18 41	1 12	16 27	16 36	23 32	23 38	14 14		n.a.
S 18	17 2	24 22	0 s34	19 43	0 21	7 19	1 26	2 4	1 12	17 35	0 36	9 28	2 2	23 45	0 34	18 41	1 12	16 27	16 36	23 32	23 38	14 16		n.a.
S 19	17 19	25 7	1 38	19 12	0 41	7 49	1 25	1 48	1 12	17 33	0 36	9 30	2 2	23 44	0 34	18 41	1 12	16 27	16 36	23 32	23 38	14 19		n.a.
M20	17 37	24 40	2 39	18 38	1 1	8 18	1 23	1 32	1 12	17 31	0 36	9 33	2 2	23 44	0 34	18 40	1 12	16 27	16 36	23 32	23 38	14 21		n.a.
T 21	17 54	22 59	3 34	18 2	1 21	8 48	1 21	1 16	1 11	17 29	0 36	9 35	2 2	23 44	0 34	18 40	1 12	16 27	16 35	23 32	23 37	14 24		n.a.
W22	18 11	20 7	4 19	17 24	1 41	9 17	1 20	1 0	1 11	17 27	0 36	9 37	2 2	23 44	0 34	18 40	1 12	16 27	16 35	23 32	23 37	14 27		n.a.
T 23	18 27	16 9	4 53	16 46	1 59	9 46	1 18	0 43	1 11	17 24	0 36	9 40	2 2	23 43	0 34	18 40	1 12	16 27	16 35	23 32	23 37	14 29		n.a.
F 24	18 43	11 15	5 11	16 9	2 16	10 15	1 16	0 27	1 11	17 22	0 35	9 42	2 2	23 43	0 34	18 39	1 12	16 27	16 34	23 32	23 37	14 32		n.a.
S 25	18 59	5 37	5 12	15 33	2 30	10 43	1 14	0 11	1 11	17 20	0 35	9 44	2 2	23 43	0 33	18 39	1 12	16 27	16 34	23 32	23 37	14 34		n.a.
S 26	19 14	0n30	4 53	15 0	2 43	11 11	1 12	0 s 5	1 10	17 18	0 35	9 47	2 2	23 43	0 33	18 39	1 12	16 27	16 34	23 32	23 36	14 37		n.a.
M27	19 29	6 46	4 14	14 30	2 54	11 39	1 10	0 21	1 10	17 16	0 35	9 49	2 2	23 42	0 33	18 39	1 12	16 27	16 33	23 31	23 36	14 39		n.a.
T 28	19 44	12 44	3 16	14 4	3 2	12 7	1 8	0 37	1 10	17 14	0 35	9 51	2 2	23 42	0 33	18 38	1 12	16 27	16 33	23 31	23 36	14 42		n.a.
W29	19 58	17 58	2 4	13 43	3 7	12 34	1 6	0 53	1 10	17 12	0 35	9 54	2 2	23 42	0 33	18 38	1 12	16 26	16 33	23 31	23 36	14 45		n.a.
T 30	20 s12	22n 0	0 s44	13 s27	3n11	13 s 1	1n 4	1 s 9	1n 9	17n10	0 s34	9 s56	2n 2	23 s41	0 s33	18 s38	1 s12	16 s26	16 s32	23n31	23n36	14 s47		n.a.

Julian Day Number = 1317030.5, Delta T = 07h36m21s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'32, Lahiri = -19°14'31 Julian Calendar 1 Nov. 1108 BCE == Greg. Calendar 21 Oct. 1108 BCE

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ASTRODIENST EPHEMERIS for the year 1108 BCE
geocentric

DECEMBER 1108 BCE (-1107) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 57 37	29♏44'46	27♊57	14°R 2	8♏ 8	6♎ 9	18°R45	0♏37	13♑29	11♒57	26°R39	20°D59	22♊10	18♏23	n.a.	F 1
S 2	4 1 33	0♐46'01	12♋33	13♏38	9°23	6°48	18♉37	0°43	13°32	11°58	26♓39	21♊ 0	22° 7	18°30	n.a.	S 2
S 3	4 5 30	1°47'16	26°42	13°23	10°38	7°28	18°29	0°50	13°35	11°59	26°39	21° 1	22° 4	18°37	n.a.	S 3
M 4	4 9 26	2°48'31	10♌24	13°D18	11°54	8° 7	18°22	0°56	13°38	12° 0	26°38	21° 2	22° 1	18°43	n.a.	M 4
T 5	4 13 23	3°49'45	23°39	13°21	13° 9	8°47	18°14	1° 2	13°40	12° 1	26°38	21° 3	21°58	18°50	n.a.	T 5
W 6	4 17 19	4°50'59	6♍30	13°33	14°24	9°26	18° 7	1° 9	13°43	12° 2	26°37	21°R 4	21°54	18°57	n.a.	W 6
T 7	4 21 16	5°52'13	19° 1	13°52	15°39	10° 6	17°59	1°15	13°46	12° 4	26°37	21° 3	21°51	19° 3	n.a.	T 7
F 8	4 25 13	6°53'26	1♎16	14°18	16°54	10°45	17°52	1°21	13°49	12° 5	26°37	21° 2	21°48	19°10	n.a.	F 8
S 9	4 29 9	7°54'39	13°19	14°50	18° 9	11°25	17°45	1°27	13°52	12° 6	26°37	21° 0	21°45	19°17	n.a.	S 9
S 10	4 33 6	8°55'51	25°13	15°28	19°25	12° 4	17°37	1°33	13°55	12° 7	26°36	20°58	21°42	19°23	n.a.	S 10
M11	4 37 2	9°57'03	7♏ 3	16°10	20°40	12°44	17°30	1°39	13°58	12° 8	26°36	20°56	21°38	19°30	n.a.	M11
T 12	4 40 59	10°58'14	18°51	16°58	21°55	13°23	17°23	1°45	14° 1	12°10	26°36	20°55	21°35	19°37	n.a.	T 12
W13	4 44 55	11°59'24	0♐40	17°49	23°10	14° 3	17°17	1°51	14° 4	12°11	26°36	20°54	21°32	19°43	n.a.	W13
T 14	4 48 52	13° 0'34	12°32	18°44	24°25	14°42	17°10	1°57	14° 7	12°12	26°35	20°53	21°29	19°50	n.a.	T 14
F 15	4 52 48	14° 1'43	24°29	19°42	25°40	15°22	17° 3	2° 3	14°10	12°14	26°35	20°D53	21°26	19°57	n.a.	F 15
S 16	4 56 45	15° 2'51	6♑33	20°43	26°55	16° 1	16°57	2° 9	14°13	12°15	26°35	20°53	21°23	20° 3	n.a.	S 16
S 17	5 0 42	16° 3'57	18°46	21°47	28°10	16°41	16°51	2°14	14°16	12°17	26°35	20°54	21°19	20°10	n.a.	S 17
M18	5 4 38	17° 5'03	1♒10	22°53	29°26	17°20	16°45	2°20	14°19	12°18	26°35	20°54	21°16	20°17	n.a.	M18
T 19	5 8 35	18° 6'07	13°47	24° 2	0♐41	18° 0	16°39	2°26	14°23	12°19	26°35	20°55	21°13	20°23	n.a.	T 19
W20	5 12 31	19° 7'10	26°40	25°12	1°56	18°39	16°33	2°31	14°26	12°21	26°35	20°55	21°10	20°30	n.a.	W20
T 21	5 16 28	20° 8'12	9♓51	26°24	3°11	19°19	16°27	2°37	14°29	12°23	26°D35	20°55	21° 7	20°37	n.a.	T 21
F 22	5 20 24	21° 9'12	23°22	27°39	4°26	19°58	16°22	2°42	14°32	12°24	26°35	20°55	21° 4	20°43	n.a.	F 22
S 23	5 24 21	22°10'10	7♈15	28°54	5°41	20°38	16°16	2°47	14°36	12°26	26°35	20°55	21° 0	20°50	n.a.	S 23
S 24	5 28 18	23°11'07	21°30	0♐11	6°56	21°18	16°11	2°53	14°39	12°27	26°35	20°55	20°57	20°57	n.a.	S 24
M25	5 32 14	24°12'03	6♉ 3	1°30	8°11	21°57	16° 6	2°58	14°42	12°29	26°35	20°56	20°54	21° 3	n.a.	M25
T 26	5 36 11	25°12'57	20°53	2°50	9°26	22°37	16° 1	3° 3	14°45	12°31	26°35	20°56	20°51	21°10	n.a.	T 26
W27	5 40 7	26°13'49	5♊51	4°11	10°41	23°16	15°56	3° 8	14°49	12°32	26°35	20°56	20°48	21°17	n.a.	W27
T 28	5 44 4	27°14'41	20°51	5°33	11°56	23°56	15°52	3°13	14°52	12°34	26°35	20°R56	20°44	21°23	n.a.	T 28
F 29	5 48 0	28°15'30	5♋44	6°56	13°11	24°35	15°48	3°18	14°55	12°36	26°36	20°56	20°41	21°30	n.a.	F 29
S 30	5 51 57	29°16'19	20°21	8°20	14°26	25°15	15°43	3°23	14°59	12°37	26°36	20°56	20°38	21°37	n.a.	S 30
S 31	5 55 53	0♑17'06	4♌38	9♐46	15♐41	25♎54	15♉40	3♏28	15♑ 2	12♒39	26♓36	20♊55	20♊35	21♏43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s25	24n27	0n38	13s15	3n12	13s28	1n 2	1s25	1n 9	17n 8	0s34	9s58	2n 2	23s41	0s33	18s38	1s12	16s26	16s32	23n31	23n35	14s50		n.a.
S 2	20 38	25 9	1 56	13 8	3 12	13 54	1 0	1 41	1 9	17 6	0 34	10 0	2 2	23 41	0 33	18 37	1 12	16 26	16 32	23 31	23 35	14 52		n.a.
S 3	20 51	24 11	3 5	13 5	3 10	14 20	0 58	1 57	1 9	17 4	0 34	10 2	2 2	23 40	0 33	18 37	1 11	16 26	16 32	23 31	23 35	14 55		n.a.
M 4	21 4	21 46	4 0	13 7	3 7	14 46	0 56	2 14	1 8	17 2	0 34	10 5	2 3	23 40	0 33	18 37	1 11	16 26	16 31	23 31	23 35	14 57		n.a.
T 5	21 15	18 16	4 41	13 12	3 3	15 11	0 53	2 30	1 8	17 0	0 34	10 7	2 3	23 40	0 33	18 36	1 11	16 26	16 31	23 31	23 35	15 0		n.a.
W 6	21 27	14 0	5 6	13 21	2 57	15 36	0 51	2 46	1 8	16 58	0 33	10 9	2 3	23 40	0 33	18 36	1 11	16 25	16 30	23 31	23 35	15 2		n.a.
T 7	21 38	9 15	5 16	13 32	2 51	16 1	0 49	3 2	1 8	16 56	0 33	10 11	2 3	23 39	0 33	18 36	1 11	16 25	16 30	23 31	23 34	15 5		n.a.
F 8	21 49	4 14	5 11	13 46	2 45	16 25	0 46	3 18	1 7	16 54	0 33	10 13	2 3	23 39	0 33	18 35	1 11	16 25	16 30	23 31	23 34	15 8		n.a.
S 9	21 59	0s51	4 53	14 3	2 37	16 49	0 44	3 34	1 7	16 52	0 33	10 15	2 3	23 39	0 33	18 35	1 11	16 25	16 29	23 31	23 34	15 10		n.a.
S 10	22 9	5 51	4 22	14 21	2 29	17 12	0 42	3 50	1 7	16 51	0 33	10 17	2 3	23 38	0 33	18 35	1 11	16 25	16 29	23 31	23 34	15 13		n.a.
M11	22 18	10 38	3 40	14 42	2 21	17 35	0 39	4 5	1 6	16 49	0 32	10 19	2 3	23 38	0 33	18 34	1 11	16 24	16 29	23 31	23 34	15 15		n.a.
T 12	22 27	15 1	2 49	15 3	2 13	17 57	0 37	4 21	1 6	16 47	0 32	10 21	2 3	23 38	0 33	18 34	1 11	16 24	16 28	23 31	23 33	15 18		n.a.
W13	22 36	18 50	1 50	15 26	2 4	18 19	0 34	4 37	1 6	16 45	0 32	10 23	2 3	23 37	0 33	18 33	1 11	16 24	16 28	23 31	23 33	15 20		n.a.
T 14	22 44	21 54	0 46	15 50	1 55	18 40	0 32	4 53	1 5	16 44	0 32	10 25	2 3	23 37	0 33	18 33	1 11	16 24	16 28	23 30	23 33	15 23		n.a.
F 15	22 51	24 3	0s20	16 14	1 47	19 1	0 30	5 9	1 5	16 42	0 32	10 27	2 3	23 37	0 33	18 33	1 11	16 23	16 27	23 30	23 33	15 25		n.a.
S 16	22 58	25 6	1 26	16 39	1 38	19 21	0 27	5 25	1 5	16 40	0 31	10 29	2 3	23 36	0 33	18 32	1 11	16 23	16 27	23 30	23 32	15 28		n.a.
S 17	23 5	24 57	2 29	17 5	1 29	19 41	0 25	5 40	1 4	16 39	0 31	10 31	2 4	23 36	0 33	18 32	1 11	16 23	16 27	23 31	23 32	15 30		n.a.
M18	23 11	23 34	3 26	17 30	1 20	20 0	0 22	5 56	1 4	16 37	0 31	10 33	2 4	23 36	0 33	18 31	1 11	16 23	16 26	23 31	23 32	15 33		n.a.
T 19	23 17	21 0	4 14	17 56	1 11	20 18	0 20	6 12	1 4	16 35	0 31	10 35	2 4	23 35	0 33	18 31	1 11	16 22	16 26	23 31	23 32	15 35		n.a.
W20	23 22	17 21	4 50	18 22	1 2	20 36	0 17	6 27	1 3	16 34	0 31	10 36	2 4	23 35	0 33	18 30	1 11	16 22	16 26	23 31	23 32	15 38		n.a.
T 21	23 27	12 48	5 12	18 48	0 53	20 54	0 15	6 43	1 3	16 33	0 30	10 38	2 4	23 35	0 33	18 30	1 11	16 22	16 25	23 31	23 31	15 40		n.a.
F 22	23 32	7 31	5 18	19 14	0 44	21 10	0 12	6 58	1 2	16 31	0 30	10 40	2 4	23 34	0 33	18 29	1 11	16 21	16 25	23 31	23 31	15 43		n.a.
S 23	23 35	1 44	5 5	19 39	0 36	21 27	0 9	7 14	1 2	16 30	0 30	10 42	2 4	23 34	0 33	18 29	1 11	16 21	16 25	23 31	23 31	15 45		n.a.
S 24	23 39	4n17	4 34	20 4	0 27	21 42	0 7	7 29	1 2	16 28	0 30	10 44	2 4	23 33	0 33	18 28	1 11	16 21	16 24	23 31	23 31	15 48		n.a.
M25	23 42	10 14	3 45	20 29	0 19	21 57	0 4	7 45	1 1	16 27	0 29	10 45	2 4	23 33	0 33	18 28	1 11	16 20	16 24	23 31	23 31	15 50		n.a.
T 26	23 44	15 42	2 40	20 53	0 11	22 11	0 2	8 0	1 1	16 26	0 29	10 47	2 4	23 33	0 33	18 27	1 11	16 20	16 23	23 31	23 30	15 53		n.a.
W27	23 46	20 16	1 23	21 17	0 3	22 25	0s 1	8 15	1 0	16 25	0 29	10 49	2 5	23 32	0 33	18 27	1 11	16 20	16 23	23 31	23 30	15 55		n.a.
T 28	23 48	23 30	0 1	21 40	0s 5	22 38	0 3	8 30	1 0	16 24	0 29	10 50	2 5	23 32	0 33	18 26	1 11	16 19	16 23	23 31	23 30	15 58		n.a.
F 29	23 49	25 3	1n21	22 2	0 13	22 50	0 5	8 45	0 59	16 23	0 29	10 52	2 5	23 32	0 33	18 26	1 11	16 19	16 22	23 31	23 30	16 0		n.a.
S 30	23 49	24 50	2 36	22 23	0 20	23 2	0 8	9 1	0 59	16 22	0 28	10 53	2 5	23 31	0 33	18 25	1 11	16 18	16 22	23 31	23 29	16 3		n.a.
S 31	23s50	22n58	3n40	22s44	0s28	23s13	0s10	9s16	0n58	16n21	0s28	10s55	2n 5	23s31	0s33	18s25	1s11	16s18	16s22	23n31	23n29	16s 5		n.a.

Julian Day Number = 1317060.5, Delta T = 07h36m19s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'28, Lahiri = -19°14'27 Julian Calendar 1 Dec. 1108 BCE == Greg. Calendar 20 Nov. 1108 BCE

The year -1107 astronomical counting style corresponds to year 1108 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

JANUARY 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 59 50	1♉17'51	18♌29	11♐12	16♐56	26♎34	15°R36	3♏33	15♉ 5	12♒41	26♓36	20°R53	20♊32	21♏50	n.a.	M 1
T 2	6 3 47	2°18'36	1♍54	12°39	18°11	27°13	15♉32	3°37	15° 9	12°43	26°36	20♊52	20°29	21°57	n.a.	T 2
W 3	6 7 43	3°19'19	14°53	14° 8	19°26	27°53	15°29	3°42	15°12	12°45	26°37	20°51	20°25	22° 3	n.a.	W 3
T 4	6 11 40	4°20'00	27°30	15°37	20°41	28°32	15°25	3°47	15°16	12°47	26°37	20°50	20°22	22°10	n.a.	T 4
F 5	6 15 36	5°20'41	9♎47	17° 7	21°55	29°12	15°22	3°51	15°19	12°48	26°37	20°D50	20°19	22°17	n.a.	F 5
S 6	6 19 33	6°21'20	21°50	18°38	23°10	29°51	15°20	3°56	15°22	12°50	26°38	20°51	20°16	22°23	n.a.	S 6
S 7	6 23 29	7°21'57	3♏43	20° 9	24°25	0♏31	15°17	4° 0	15°26	12°52	26°38	20°52	20°13	22°30	n.a.	S 7
M 8	6 27 26	8°22'33	15°31	21°42	25°40	1°10	15°14	4° 4	15°29	12°54	26°38	20°53	20°10	22°37	n.a.	M 8
T 9	6 31 22	9°23'08	27°19	23°16	26°55	1°50	15°12	4° 8	15°33	12°56	26°39	20°55	20° 6	22°43	n.a.	T 9
W10	6 35 19	10°23'41	9♐10	24°50	28°10	2°29	15°10	4°12	15°36	12°58	26°39	20°56	20° 3	22°50	n.a.	W10
T 11	6 39 16	11°24'13	21° 8	26°26	29°25	3° 9	15° 8	4°17	15°40	13° 0	26°40	20°R57	20° 0	22°57	n.a.	T 11
F 12	6 43 12	12°24'43	3♉14	28° 2	0♉40	3°48	15° 7	4°20	15°43	13° 2	26°40	20°56	19°57	23° 3	n.a.	F 12
S 13	6 47 9	13°25'11	15°32	29°39	1°55	4°28	15° 5	4°24	15°47	13° 4	26°41	20°54	19°54	23°10	n.a.	S 13
S 14	6 51 5	14°25'38	28° 2	1♉17	3° 9	5° 7	15° 4	4°28	15°50	13° 6	26°41	20°51	19°50	23°17	n.a.	S 14
M15	6 55 2	15°26'02	10♒44	2°56	4°24	5°47	15° 3	4°32	15°53	13° 8	26°42	20°48	19°47	23°23	n.a.	M15
T 16	6 58 58	16°26'25	23°41	4°36	5°39	6°26	15° 2	4°35	15°57	13°10	26°42	20°43	19°44	23°30	n.a.	T 16
W17	7 2 55	17°26'45	6♓50	6°17	6°54	7° 6	15° 1	4°39	16° 0	13°12	26°43	20°39	19°41	23°37	n.a.	W17
T 18	7 6 51	18°27'03	20°13	7°59	8° 9	7°45	15° 1	4°42	16° 4	13°14	26°43	20°36	19°38	23°43	n.a.	T 18
F 19	7 10 48	19°27'20	3♈49	9°42	9°23	8°25	15° 1	4°46	16° 7	13°17	26°44	20°34	19°35	23°50	n.a.	F 19
S 20	7 14 45	20°27'33	17°39	11°26	10°38	9° 4	15°D 0	4°49	16°11	13°19	26°45	20°D33	19°31	23°57	n.a.	S 20
S 21	7 18 41	21°27'45	1♉42	13°11	11°53	9°43	15° 1	4°52	16°14	13°21	26°45	20°33	19°28	24° 3	n.a.	S 21
M22	7 22 38	22°27'54	15°56	14°57	13° 8	10°23	15° 1	4°55	16°18	13°23	26°46	20°34	19°25	24°10	n.a.	M22
T 23	7 26 34	23°28'01	0♊21	16°44	14°22	11° 2	15° 1	4°58	16°21	13°25	26°47	20°36	19°22	24°17	n.a.	T 23
W24	7 30 31	24°28'06	14°53	18°32	15°37	11°42	15° 2	5° 1	16°24	13°27	26°47	20°R37	19°19	24°23	n.a.	W24
T 25	7 34 27	25°28'09	29°27	20°21	16°52	12°21	15° 3	5° 4	16°28	13°29	26°48	20°37	19°16	24°30	n.a.	T 25
F 26	7 38 24	26°28'09	13♋58	22°11	18° 6	13° 0	15° 4	5° 7	16°31	13°32	26°49	20°35	19°12	24°37	n.a.	F 26
S 27	7 42 20	27°28'08	28°21	24° 3	19°21	13°40	15° 6	5°10	16°35	13°34	26°50	20°31	19° 9	24°43	n.a.	S 27
S 28	7 46 17	28°28'04	12♌29	25°55	20°36	14°19	15° 7	5°12	16°38	13°36	26°50	20°26	19° 6	24°50	n.a.	S 28
M29	7 50 14	29°27'58	26°17	27°48	21°50	14°58	15° 9	5°15	16°41	13°38	26°51	20°19	19° 3	24°57	n.a.	M29
T 30	7 54 10	0♒27'50	9♍43	29°42	23° 5	15°37	15°11	5°17	16°45	13°40	26°52	20°12	19° 0	25° 3	n.a.	T 30
W31	7 58 7	1♒27'40	22♍46	1♒38	24♉19	16♏17	15♉13	5♏19	16♉48	13♒43	26♓53	20♊ 6	18♊56	25♏10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s49	19n46	4n28	23 s 4	0 s35	23 s23	0 s13	9 s31	0n58	16n20	0 s28	10 s56	2n 5	23 s30	0 s33	18 s24	1 s11	16 s18	16 s21	23n30	23n29	16 s 8			n.a.
T 2	23 48	15 37	5 0	23 22	0 42	23 33	0 15	9 45	0 57	16 19	0 28	10 58	2 5	23 30	0 33	18 24	1 11	16 17	16 21	23 30	23 29	16 10			n.a.
W 3	23 47	10 52	5 15	23 40	0 48	23 41	0 18	10 0	0 57	16 18	0 28	10 59	2 5	23 30	0 33	18 23	1 11	16 17	16 21	23 30	23 28	16 13			n.a.
T 4	23 45	5 49	5 15	23 57	0 55	23 50	0 20	10 15	0 56	16 17	0 27	11 1	2 6	23 29	0 33	18 23	1 11	16 16	16 20	23 30	23 28	16 15			n.a.
F 5	23 43	0 39	5 0	24 12	1 1	23 57	0 22	10 30	0 56	16 17	0 27	11 2	2 6	23 29	0 33	18 22	1 11	16 16	16 20	23 30	23 28	16 18			n.a.
S 6	23 40	4 s27	4 32	24 27	1 7	24 3	0 25	10 44	0 55	16 16	0 27	11 4	2 6	23 28	0 33	18 22	1 11	16 15	16 20	23 30	23 28	16 20			n.a.
S 7	23 37	9 19	3 53	24 40	1 13	24 9	0 27	10 59	0 55	16 15	0 27	11 5	2 6	23 28	0 33	18 21	1 11	16 15	16 19	23 30	23 28	16 23			n.a.
M 8	23 33	13 50	3 4	24 52	1 18	24 15	0 29	11 13	0 54	16 15	0 26	11 6	2 6	23 28	0 33	18 20	1 11	16 14	16 19	23 30	23 27	16 25			n.a.
T 9	23 29	17 49	2 7	25 3	1 24	24 19	0 31	11 28	0 54	16 14	0 26	11 8	2 6	23 27	0 33	18 20	1 11	16 14	16 18	23 31	23 27	16 28			n.a.
W10	23 25	21 7	1 5	25 12	1 28	24 23	0 34	11 42	0 53	16 14	0 26	11 9	2 6	23 27	0 33	18 19	1 11	16 13	16 18	23 31	23 27	16 30			n.a.
T 11	23 20	23 32	0 s 1	25 20	1 33	24 25	0 36	11 56	0 52	16 14	0 26	11 10	2 7	23 26	0 33	18 19	1 11	16 13	16 18	23 31	23 27	16 32			n.a.
F 12	23 14	24 55	1 7	25 26	1 37	24 28	0 38	12 11	0 52	16 13	0 26	11 11	2 7	23 26	0 33	18 18	1 11	16 12	16 17	23 31	23 26	16 35			n.a.
S 13	23 8	25 5	2 11	25 31	1 41	24 29	0 40	12 25	0 51	16 13	0 25	11 12	2 7	23 26	0 33	18 18	1 11	16 12	16 17	23 31	23 26	16 37			n.a.
S 14	23 2	24 0	3 10	25 34	1 45	24 30	0 42	12 39	0 51	16 13	0 25	11 14	2 7	23 25	0 33	18 17	1 11	16 11	16 17	23 30	23 26	16 40			n.a.
M15	22 55	21 40	4 1	25 36	1 48	24 29	0 44	12 53	0 50	16 13	0 25	11 15	2 7	23 25	0 33	18 16	1 11	16 11	16 16	23 30	23 26	16 42			n.a.
T 16	22 48	18 14	4 40	25 36	1 51	24 29	0 46	13 6	0 49	16 13	0 25	11 16	2 7	23 24	0 33	18 16	1 11	16 10	16 16	23 30	23 25	16 45			n.a.
W17	22 40	13 50	5 5	25 34	1 54	24 27	0 48	13 20	0 49	16 13	0 25	11 17	2 7	23 24	0 33	18 15	1 11	16 10	16 16	23 30	23 25	16 47			n.a.
T 18	22 32	8 43	5 14	25 31	1 56	24 24	0 50	13 34	0 48	16 13	0 24	11 18	2 8	23 24	0 33	18 14	1 11	16 9	16 15	23 29	23 25	16 50			n.a.
F 19	22 23	3 7	5 5	25 26	1 58	24 21	0 52	13 47	0 47	16 13	0 24	11 19	2 8	23 23	0 33	18 14	1 11	16 9	16 15	23 29	23 25	16 52			n.a.
S 20	22 14	2n45	4 39	25 19	2 0	24 17	0 54	14 1	0 47	16 13	0 24	11 20	2 8	23 23	0 33	18 13	1 11	16 8	16 15	23 29	23 24	16 54			n.a.
S 21	22 5	8 34	3 56	25 10	2 1	24 13	0 56	14 14	0 46	16 13	0 24	11 21	2 8	23 22	0 33	18 13	1 11	16 8	16 14	23 29	23 24	16 57			n.a.
M22	21 55	14 2	2 58	24 59	2 1	24 7	0 58	14 27	0 45	16 14	0 23	11 22	2 8	23 22	0 33	18 12	1 11	16 7	16 14	23 29	23 24	16 59			n.a.
T 23	21 45	18 47	1 49	24 46	2 2	24 1	0 59	14 41	0 45	16 14	0 23	11 23	2 8	23 21	0 33	18 11	1 11	16 7	16 14	23 29	23 24	17 2			n.a.
W24	21 34	22 26	0 31	24 31	2 1	23 54	1 1	14 54	0 44	16 15	0 23	11 23	2 9	23 21	0 33	18 11	1 11	16 6	16 13	23 29	23 23	17 4			n.a.
T 25	21 23	24 38	0n48	24 15	2 1	23 47	1 2	15 7	0 43	16 15	0 23	11 24	2 9	23 21	0 33	18 10	1 11	16 5	16 13	23 29	23 23	17 6			n.a.
F 26	21 12	25 8	2 4	23 56	1 59	23 38	1 4	15 19	0 42	16 16	0 23	11 25	2 9	23 20	0 33	18 9	1 11	16 5	16 13	23 29	23 23	17 9			n.a.
S 27	21 0	23 57	3 11	23 35	1 58	23 29	1 6	15 32	0 41	16 16	0 22	11 26	2 9	23 20	0 33	18 9	1 11	16 4	16 13	23 29	23 23	17 11			n.a.
S 28	20 48	21 15	4 5	23 12	1 55	23 19	1 7	15 45	0 41	16 17	0 22	11 26	2 9	23 19	0 33	18 8	1 11	16 4	16 12	23 29	23 22	17 14			n.a.
M29	20 36	17 23	4 44	22 46	1 52	23 9	1 8	15 57	0 40	16 17	0 22	11 27	2 9	23 19	0 33	18 7	1 11	16 3	16 12	23 28	23 22	17 16			n.a.
T 30	20 23	12 44	5 5	22 19	1 49	22 58	1 10	16 10	0 39	16 18	0 22	11 28	2 10	23 19	0 33	18 7	1 11	16 2	16 12	23 28	23 22	17 19			n.a.
W31	20 s 9	7n38	5n10	21 s50	1 s45	22 s46	1 s11	16 s22	0n38	16n19	0 s22	11 s28	2n10	23 s18	0 s33	18 s 6	1 s11	16 s 2	16 s11	23n27	23n21	17 s21			n.a.

Julian Day Number = 1317091.5, Delta T = 07h36m18s
Ecliptic obliquity = 23°49'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'23, Lahiri = -19°14'23 Julian Calendar 1 Jan. 1107 BCE == Greg. Calendar 21 Dec. 1108 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

FEBRUARY 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 3	2♒27'29	5♎26	3♒34	25♑34	16♏56	15♉15	5♏22	16♑52	13♒45	26♓54	20°R 1	18♊53	25♏17	n.a.	T 1
F 2	8 6 0	3°27'15	17°47	5°31	26°49	17°35	15°17	5°24	16°55	13°47	26°55	19♊58	18°50	25°23	n.a.	F 2
S 3	8 9 56	4°27'00	29°52	7°28	28° 3	18°14	15°20	5°26	16°58	13°49	26°55	19°D56	18°47	25°30	n.a.	S 3
S 4	8 13 53	5°26'42	11♏47	9°27	29°18	18°54	15°23	5°28	17° 2	13°52	26°56	19°57	18°44	25°37	n.a.	S 4
M 5	8 17 49	6°26'23	23°35	11°25	0♒32	19°33	15°26	5°29	17° 5	13°54	26°57	19°58	18°41	25°43	n.a.	M 5
T 6	8 21 46	7°26'02	5♐24	13°24	1°47	20°12	15°29	5°31	17° 8	13°56	26°58	19°59	18°37	25°50	n.a.	T 6
W 7	8 25 43	8°25'39	17°17	15°24	3° 1	20°51	15°32	5°33	17°12	13°58	26°59	20°R 0	18°34	25°57	n.a.	W 7
T 8	8 29 39	9°25'15	29°20	17°23	4°16	21°30	15°36	5°34	17°15	14° 1	27° 0	20° 0	18°31	26° 3	n.a.	T 8
F 9	8 33 36	10°24'48	11♑35	19°22	5°30	22° 9	15°40	5°36	17°18	14° 3	27° 1	19°57	18°28	26°10	n.a.	F 9
S 10	8 37 32	11°24'19	24° 6	21°20	6°45	22°49	15°44	5°37	17°21	14° 5	27° 2	19°52	18°25	26°16	n.a.	S 10
S 11	8 41 29	12°23'48	6♒53	23°17	7°59	23°28	15°48	5°38	17°24	14° 8	27° 3	19°45	18°22	26°23	n.a.	S 11
M12	8 45 25	13°23'15	19°58	25°12	9°14	24° 7	15°52	5°40	17°28	14°10	27° 4	19°37	18°18	26°30	n.a.	M12
T 13	8 49 22	14°22'39	3♓18	27° 6	10°28	24°46	15°57	5°41	17°31	14°12	27° 5	19°27	18°15	26°36	n.a.	T 13
W14	8 53 18	15°22'02	16°52	28°58	11°43	25°25	16° 1	5°42	17°34	14°14	27° 6	19°18	18°12	26°43	n.a.	W14
T 15	8 57 15	16°21'22	0♈38	0♓48	12°57	26° 3	16° 6	5°42	17°37	14°17	27° 7	19° 9	18° 9	26°50	n.a.	T 15
F 16	9 1 11	17°20'39	14°32	2°34	14°12	26°42	16°11	5°43	17°40	14°19	27° 8	19° 3	18° 6	26°56	n.a.	F 16
S 17	9 5 8	18°19'54	28°32	4°17	15°26	27°21	16°16	5°44	17°43	14°21	27° 9	18°59	18° 2	27° 3	n.a.	S 17
S 18	9 9 5	19°19'07	12♉36	5°56	16°40	28° 0	16°21	5°44	17°46	14°23	27°11	18°57	17°59	27°10	n.a.	S 18
M19	9 13 1	20°18'17	26°42	7°30	17°55	28°39	16°27	5°45	17°49	14°26	27°12	18°D57	17°56	27°16	n.a.	M19
T 20	9 16 58	21°17'25	10♊51	9° 1	19° 9	29°18	16°32	5°45	17°53	14°28	27°13	18°58	17°53	27°23	n.a.	T 20
W21	9 20 54	22°16'30	25° 0	10°26	20°23	29°56	16°38	5°45	17°56	14°30	27°14	18°R58	17°50	27°30	n.a.	W21
T 22	9 24 51	23°15'33	9♋ 8	11°45	21°38	0♐35	16°44	5°46	17°58	14°32	27°15	18°56	17°47	27°36	n.a.	T 22
F 23	9 28 47	24°14'33	23°12	12°59	22°52	1°14	16°50	5°R46	18° 1	14°35	27°16	18°52	17°43	27°43	n.a.	F 23
S 24	9 32 44	25°13'31	7♌ 9	14° 8	24° 6	1°52	16°56	5°46	18° 4	14°37	27°18	18°45	17°40	27°50	n.a.	S 24
S 25	9 36 40	26°12'27	20°56	15°10	25°21	2°31	17° 3	5°46	18° 7	14°39	27°19	18°36	17°37	27°56	n.a.	S 25
M26	9 40 37	27°11'20	4♍28	16° 6	26°35	3° 9	17° 9	5°45	18°10	14°41	27°20	18°25	17°34	28° 3	n.a.	M26
T 27	9 44 34	28°10'12	17°43	16°55	27°49	3°48	17°16	5°45	18°13	14°44	27°21	18°13	17°31	28°10	n.a.	T 27
W28	9 48 30	29♒ 9'01	0♎40	17♓38	29♒ 3	4♐26	17♉23	5♏45	18♑16	14♒46	27♓22	18♊ 2	17♊27	28♏16	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s56	2n22	4n59	21s18	1s41	22s33	1s12	16s34	0n37	16n20	0s21	11s29	2n10	23s18	0s33	18s 6	1s11	16s 1	16s11	23n27	23n21	17s23		n.a.
F 2	19 42	2s52	4 35	20 44	1 35	22 20	1 14	16 46	0 37	16 21	0 21	11 30	2 10	23 17	0 33	18 5	1 11	16 1	16 11	23 26	23 21	17 26		n.a.
S 3	19 28	7 54	3 58	20 9	1 30	22 6	1 15	16 58	0 36	16 22	0 21	11 30	2 10	23 17	0 33	18 4	1 11	16 0	16 10	23 26	23 21	17 28		n.a.
S 4	19 13	12 34	3 12	19 31	1 23	21 52	1 16	17 10	0 35	16 23	0 21	11 31	2 10	23 16	0 33	18 4	1 11	15 59	16 10	23 26	23 20	17 30		n.a.
M 5	18 58	16 45	2 18	18 51	1 16	21 37	1 17	17 22	0 34	16 24	0 21	11 31	2 11	23 16	0 33	18 3	1 11	15 59	16 10	23 26	23 20	17 33		n.a.
T 6	18 43	20 16	1 18	18 10	1 9	21 21	1 18	17 33	0 33	16 25	0 20	11 31	2 11	23 16	0 33	18 2	1 11	15 58	16 10	23 27	23 20	17 35		n.a.
W 7	18 27	22 58	0 15	17 26	1 0	21 4	1 19	17 45	0 32	16 26	0 20	11 32	2 11	23 15	0 33	18 2	1 11	15 58	16 9	23 27	23 20	17 38		n.a.
T 8	18 11	24 40	0s50	16 42	0 52	20 47	1 20	17 56	0 31	16 27	0 20	11 32	2 11	23 15	0 33	18 1	1 11	15 57	16 9	23 27	23 19	17 40		n.a.
F 9	17 55	25 12	1 54	15 55	0 42	20 30	1 20	18 7	0 30	16 29	0 20	11 32	2 11	23 14	0 33	18 0	1 11	15 56	16 9	23 26	23 19	17 42		n.a.
S 10	17 38	24 29	2 53	15 8	0 32	20 12	1 21	18 18	0 29	16 30	0 20	11 33	2 11	23 14	0 33	18 0	1 11	15 56	16 9	23 26	23 19	17 45		n.a.
S 11	17 21	22 28	3 45	14 19	0 21	19 53	1 22	18 29	0 28	16 31	0 19	11 33	2 12	23 14	0 33	17 59	1 11	15 55	16 8	23 25	23 18	17 47		n.a.
M12	17 4	19 15	4 26	13 29	0 10	19 33	1 22	18 40	0 27	16 33	0 19	11 33	2 12	23 13	0 34	17 58	1 11	15 54	16 8	23 25	23 18	17 49		n.a.
T 13	16 47	15 0	4 53	12 39	0n 1	19 13	1 23	18 51	0 26	16 34	0 19	11 33	2 12	23 13	0 34	17 58	1 11	15 54	16 8	23 24	23 18	17 52		n.a.
W14	16 29	9 56	5 5	11 49	0 13	18 53	1 23	19 1	0 25	16 36	0 19	11 34	2 12	23 12	0 34	17 57	1 11	15 53	16 8	23 23	23 18	17 54		n.a.
T 15	16 11	4 18	4 59	10 58	0 25	18 32	1 24	19 12	0 24	16 38	0 19	11 34	2 12	23 12	0 34	17 56	1 11	15 52	16 7	23 23	23 17	17 56		n.a.
F 16	15 53	1n35	4 36	10 8	0 38	18 11	1 24	19 22	0 23	16 39	0 18	11 34	2 12	23 12	0 34	17 56	1 11	15 52	16 7	23 22	23 17	17 59		n.a.
S 17	15 35	7 27	3 56	9 19	0 51	17 49	1 24	19 32	0 22	16 41	0 18	11 34	2 13	23 11	0 34	17 55	1 11	15 51	16 7	23 22	23 17	18 1		n.a.
S 18	15 16	12 59	3 2	8 30	1 4	17 26	1 25	19 42	0 21	16 43	0 18	11 34	2 13	23 11	0 34	17 54	1 11	15 50	16 7	23 22	23 16	18 4		n.a.
M19	14 57	17 51	1 56	7 43	1 16	17 3	1 25	19 52	0 20	16 44	0 18	11 34	2 13	23 10	0 34	17 54	1 11	15 50	16 6	23 22	23 16	18 6		n.a.
T 20	14 38	21 43	0 43	6 57	1 29	16 40	1 25	20 2	0 18	16 46	0 18	11 34	2 13	23 10	0 34	17 53	1 11	15 49	16 6	23 22	23 16	18 8		n.a.
W21	14 19	24 16	0n32	6 13	1 42	16 16	1 25	20 11	0 17	16 48	0 18	11 34	2 13	23 10	0 34	17 52	1 11	15 49	16 6	23 22	23 16	18 10		n.a.
T 22	13 59	25 16	1 45	5 31	1 54	15 52	1 25	20 21	0 16	16 50	0 17	11 34	2 13	23 9	0 34	17 52	1 11	15 48	16 6	23 21	23 15	18 13		n.a.
F 23	13 39	24 37	2 52	4 51	2 6	15 27	1 25	20 30	0 15	16 52	0 17	11 33	2 14	23 9	0 34	17 51	1 11	15 47	16 6	23 21	23 15	18 15		n.a.
S 24	13 19	22 26	3 47	4 14	2 18	15 2	1 25	20 39	0 14	16 54	0 17	11 33	2 14	23 9	0 34	17 50	1 11	15 47	16 5	23 21	23 15	18 17		n.a.
S 25	12 59	18 58	4 28	3 40	2 28	14 36	1 24	20 48	0 12	16 56	0 17	11 33	2 14	23 8	0 34	17 50	1 11	15 46	16 5	23 20	23 14	18 20		n.a.
M26	12 39	14 34	4 53	3 8	2 39	14 10	1 24	20 57	0 11	16 58	0 17	11 33	2 14	23 8	0 34	17 49	1 11	15 45	16 5	23 19	23 14	18 22		n.a.
T 27	12 18	9 33	5 2	2 40	2 48	13 44	1 24	21 5	0 10	17 0	0 17	11 33	2 14	23 7	0 34	17 48	1 11	15 45	16 5	23 18	23 14	18 24		n.a.
W28	11s57	4n14	4n55	2s15	2n57	13s17	1s23	21s14	0n 9	17n 2	0s16	11s32	2n14	23s 7	0s34	17s48	1s11	15s44	16s 5	23n17	23n14	18s27		n.a.

Julian Day Number = 1317122.5, Delta T = 07h36m16s
Ecliptic obliquity = 23°49'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'19, Lahiri = -19°14'19 Julian Calendar 1 Feb. 1107 BCE == Greg. Calendar 21 Jan. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

MARCH 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 27	0♓ 7'48	13♎17	18♓14	0♓18	5♐ 5	17♉30	5°R44	18♋19	14♒48	27♓24	17°R52	17♊24	28♏23	n.a.	T 1
F 2	9 56 23	1° 6'34	25°37	18°43	1°32	5°43	17°37	5♏43	18°21	14°50	27°25	17♊45	17°21	28°30	n.a.	F 2
S 3	10 0 20	2° 5'17	7♏42	19° 6	2°46	6°21	17°44	5°43	18°24	14°52	27°26	17°40	17°18	28°36	n.a.	S 3
S 4	10 4 16	3° 3'59	19°37	19°22	4° 0	7° 0	17°51	5°42	18°27	14°55	27°27	17°37	17°15	28°43	n.a.	S 4
M 5	10 8 13	4° 2'38	1♐26	19°31	5°14	7°38	17°59	5°41	18°29	14°57	27°29	17°D36	17°12	28°50	n.a.	M 5
T 6	10 12 9	5° 1'17	13°15	19°R34	6°28	8°16	18° 7	5°40	18°32	14°59	27°30	17°R36	17° 8	28°56	n.a.	T 6
W 7	10 16 6	5°59'53	25°10	19°30	7°43	8°54	18°14	5°39	18°35	15° 1	27°31	17°36	17° 5	29° 3	n.a.	W 7
T 8	10 20 2	6°58'27	7♑15	19°20	8°57	9°32	18°22	5°38	18°37	15° 3	27°32	17°35	17° 2	29°10	n.a.	T 8
F 9	10 23 59	7°57'00	19°35	19° 5	10°11	10°10	18°30	5°36	18°40	15° 5	27°34	17°31	16°59	29°16	n.a.	F 9
S 10	10 27 56	8°55'31	2♒14	18°44	11°25	10°48	18°39	5°35	18°42	15° 8	27°35	17°25	16°56	29°23	n.a.	S 10
S 11	10 31 52	9°53'59	15°15	18°19	12°39	11°26	18°47	5°34	18°45	15°10	27°36	17°16	16°53	29°29	n.a.	S 11
M12	10 35 49	10°52'26	28°37	17°49	13°53	12° 4	18°55	5°32	18°47	15°12	27°38	17° 5	16°49	29°36	n.a.	M12
T 13	10 39 45	11°50'51	12♓20	17°15	15° 7	12°42	19° 4	5°30	18°50	15°14	27°39	16°53	16°46	29°43	n.a.	T 13
W14	10 43 42	12°49'14	26°20	16°39	16°21	13°19	19°13	5°29	18°52	15°16	27°40	16°41	16°43	29°49	n.a.	W14
T 15	10 47 38	13°47'35	10♈32	16° 0	17°35	13°57	19°21	5°27	18°54	15°18	27°42	16°30	16°40	29°56	n.a.	T 15
F 16	10 51 35	14°45'54	24°51	15°19	18°49	14°35	19°30	5°25	18°57	15°20	27°43	16°22	16°37	0♐ 3	n.a.	F 16
S 17	10 55 31	15°44'11	9♉12	14°38	20° 3	15°12	19°39	5°23	18°59	15°22	27°44	16°16	16°33	0° 9	n.a.	S 17
S 18	10 59 28	16°42'25	23°29	13°56	21°17	15°49	19°49	5°21	19° 1	15°24	27°46	16°13	16°30	0°16	n.a.	S 18
M19	11 3 24	17°40'38	7♊42	13°15	22°31	16°27	19°58	5°19	19° 3	15°26	27°47	16°12	16°27	0°23	n.a.	M19
T 20	11 7 21	18°38'48	21°47	12°36	23°45	17° 4	20° 7	5°16	19° 5	15°28	27°48	16°12	16°24	0°29	n.a.	T 20
W21	11 11 18	19°36'56	5♋45	11°59	24°59	17°41	20°17	5°14	19° 7	15°30	27°50	16°11	16°21	0°36	n.a.	W21
T 22	11 15 14	20°35'02	19°35	11°24	26°13	18°18	20°26	5°12	19° 9	15°32	27°51	16° 9	16°18	0°43	n.a.	T 22
F 23	11 19 11	21°33'06	3♌17	10°52	27°27	18°55	20°36	5° 9	19°11	15°34	27°52	16° 5	16°14	0°49	n.a.	F 23
S 24	11 23 7	22°31'08	16°49	10°24	28°41	19°32	20°46	5° 7	19°13	15°36	27°54	15°57	16°11	0°56	n.a.	S 24
S 25	11 27 4	23°29'07	0♍11	10° 0	29°55	20° 9	20°56	5° 4	19°15	15°38	27°55	15°47	16° 8	1° 3	n.a.	S 25
M26	11 31 0	24°27'05	13°21	9°41	1♈ 8	20°45	21° 6	5° 1	19°17	15°40	27°57	15°35	16° 5	1° 9	n.a.	M26
T 27	11 34 57	25°25'01	26°17	9°25	2°22	21°22	21°16	4°58	19°19	15°41	27°58	15°22	16° 2	1°16	n.a.	T 27
W28	11 38 53	26°22'56	8♎59	9°14	3°36	21°58	21°26	4°55	19°21	15°43	27°59	15°10	15°59	1°23	n.a.	W28
T 29	11 42 50	27°20'48	21°26	9° 9	4°50	22°35	21°36	4°52	19°23	15°45	28° 1	14°59	15°55	1°29	n.a.	T 29
F 30	11 46 47	28°18'39	3♏39	9°D 7	6° 4	23°11	21°46	4°49	19°24	15°47	28° 2	14°51	15°52	1°36	n.a.	F 30
S 31	11 50 43	29♓16'29	15♏41	9♓11	7♈17	23♐47	21♉57	4♏46	19♋26	15♒49	28♓ 3	14♊45	15♊49	1♐42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s36	1s 8	4n33	1s54	3n 5	12s50	1s23	21s22	0n 7	17n 4	0s16	11s32	2n15	23s 7	0s34	17s47	1s11	15s43	16s 5	23n16	23n13	18s29			n.a.
F 2	11 15	6 21	3 59	1 36	3 11	12 23	1 23	21 31	0 6	17 6	0 16	11 32	2 15	23 6	0 34	17 46	1 11	15 43	16 4	23 15	23 13	18 31			n.a.
S 3	10 54	11 14	3 15	1 22	3 17	11 55	1 22	21 39	0 5	17 9	0 16	11 31	2 15	23 6	0 34	17 46	1 11	15 42	16 4	23 15	23 13	18 34			n.a.
S 4	10 33	15 38	2 23	1 12	3 22	11 28	1 21	21 47	0 3	17 11	0 16	11 31	2 15	23 6	0 34	17 45	1 11	15 41	16 4	23 14	23 12	18 36			n.a.
M 5	10 11	19 24	1 25	1 5	3 25	10 59	1 21	21 54	0 2	17 13	0 16	11 30	2 15	23 5	0 34	17 45	1 11	15 41	16 4	23 14	23 12	18 38			n.a.
T 6	9 49	22 23	0 23	1 2	3 27	10 31	1 20	22 2	0 0	17 15	0 15	11 30	2 15	23 5	0 34	17 44	1 11	15 40	16 4	23 14	23 12	18 40			n.a.
W 7	9 27	24 24	0s40	1 3	3 27	10 2	1 19	22 10	0s 1	17 18	0 15	11 29	2 16	23 5	0 34	17 43	1 11	15 39	16 4	23 14	23 11	18 43			n.a.
T 8	9 5	25 20	1 42	1 8	3 26	9 33	1 18	22 17	0 3	17 20	0 15	11 29	2 16	23 4	0 34	17 43	1 11	15 39	16 3	23 14	23 11	18 45			n.a.
F 9	8 43	25 1	2 41	1 16	3 24	9 4	1 17	22 24	0 4	17 23	0 15	11 28	2 16	23 4	0 34	17 42	1 11	15 38	16 3	23 14	23 11	18 47			n.a.
S 10	8 21	23 26	3 33	1 28	3 20	8 34	1 16	22 31	0 5	17 25	0 15	11 28	2 16	23 4	0 34	17 41	1 11	15 37	16 3	23 13	23 10	18 50			n.a.
S 11	7 59	20 35	4 15	1 43	3 14	8 4	1 15	22 38	0 7	17 27	0 15	11 27	2 16	23 3	0 34	17 41	1 11	15 37	16 3	23 12	23 10	18 52			n.a.
M12	7 36	16 35	4 45	2 2	3 7	7 34	1 14	22 45	0 9	17 30	0 14	11 26	2 16	23 3	0 34	17 40	1 11	15 36	16 3	23 11	23 10	18 54			n.a.
T 13	7 14	11 38	4 59	2 23	2 59	7 4	1 13	22 51	0 10	17 33	0 14	11 26	2 17	23 3	0 34	17 40	1 11	15 36	16 3	23 10	23 9	18 56			n.a.
W14	6 51	6 0	4 56	2 46	2 49	6 34	1 12	22 58	0 12	17 35	0 14	11 25	2 17	23 2	0 34	17 39	1 11	15 35	16 3	23 9	23 9	18 59			n.a.
T 15	6 28	0n 2	4 35	3 12	2 38	6 3	1 10	23 4	0 13	17 38	0 14	11 24	2 17	23 2	0 34	17 38	1 11	15 34	16 3	23 8	23 9	19 1			n.a.
F 16	6 6	6 7	3 56	3 39	2 25	5 33	1 9	23 10	0 15	17 40	0 14	11 23	2 17	23 2	0 34	17 38	1 11	15 34	16 3	23 7	23 8	19 3			n.a.
S 17	5 43	11 55	3 2	4 7	2 12	5 2	1 8	23 16	0 17	17 43	0 14	11 23	2 17	23 1	0 34	17 37	1 11	15 33	16 2	23 6	23 8	19 5			n.a.
S 18	5 20	17 4	1 57	4 37	1 58	4 31	1 6	23 22	0 18	17 46	0 13	11 22	2 17	23 1	0 34	17 37	1 11	15 32	16 2	23 6	23 8	19 8			n.a.
M19	4 57	21 13	0 45	5 6	1 43	4 0	1 5	23 27	0 20	17 48	0 13	11 21	2 17	23 1	0 34	17 36	1 11	15 32	16 2	23 6	23 8	19 10			n.a.
T 20	4 34	24 4	0n30	5 36	1 27	3 29	1 3	23 33	0 22	17 51	0 13	11 20	2 17	23 1	0 34	17 36	1 11	15 31	16 2	23 6	23 7	19 12			n.a.
W21	4 11	25 23	1 41	6 6	1 11	2 58	1 2	23 38	0 23	17 54	0 13	11 19	2 18	23 0	0 34	17 35	1 11	15 31	16 2	23 6	23 7	19 14			n.a.
T 22	3 47	25 7	2 47	6 34	0 54	2 26	1 0	23 43	0 25	17 56	0 13	11 18	2 18	23 0	0 34	17 34	1 11	15 30	16 2	23 6	23 7	19 17			n.a.
F 23	3 24	23 19	3 41	7 2	0 38	1 55	0 58	23 48	0 27	17 59	0 13	11 17	2 18	23 0	0 34	17 34	1 11	15 29	16 2	23 5	23 6	19 19			n.a.
S 24	3 1	20 13	4 23	7 27	0 21	1 24	0 57	23 53	0 29	18 2	0 13	11 16	2 18	23 0	0 34	17 33	1 11	15 29	16 2	23 4	23 6	19 21			n.a.
S 25	2 38	16 5	4 50	7 52	0 5	0 52	0 55	23 58	0 31	18 5	0 12	11 15	2 18	22 59	0 35	17 33	1 12	15 28	16 2	23 3	23 6	19 23			n.a.
M26	2 14	11 15	5 0	8 14	0s11	0 21	0 53	24 2	0 32	18 8	0 12	11 14	2 18	22 59	0 35	17 32	1 12	15 28	16 2	23 2	23 5	19 25			n.a.
T 27	1 51	6 0	4 55	8 34	0 26	0n11	0 51	24 7	0 34	18 10	0 12	11 13	2 18	22 59	0 35	17 32	1 12	15 27	16 2	23 1	23 5	19 28			n.a.
W28	1 28	0 36	4 35	8 52	0 41	0 42	0 49	24 11	0 36	18 13	0 12	11 12	2 18	22 59	0 35	17 31	1 12	15 26	16 2	22 59	23 5	19 30			n.a.
T 29	1 4	4s45	4 3	9 8	0 56	1 14	0 47	24 15	0 38	18 16	0 12	11 11	2 19	22 58	0 35	17 31	1 12	15 26	16 2	22 58	23 4	19 32			n.a.
F 30	0 41	9 49	3 19	9 21	1 10	1 45	0 45	24 19	0 40	18 19	0 12	11 10	2 19	22 58	0 35	17 30	1 12	15 25	16 2	22 57	23 4	19 34			n.a.
S 31	0s18	14s27	2n27	9s32	1s23	2n17	0s43	24s23	0s42	18n22	0s12	11s 9	2n19	22s58	0s35	17s30	1s12	15s25	16s 2	22n56	23n 4	19s36			n.a.

Julian Day Number = 1317150.5, Delta T = 07h36m15s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'15, Lahiri = -19°14'15 Julian Calendar 1 March 1107 BCE == Greg. Calendar 18 Feb. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

APRIL 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 40	0♈14'17	27♏34	9♓19	8♈31	24♐23	22♉ 7	4°R43	19♑28	15♒50	28♓ 5	14°R41	15♊46	1♐49	n.a.	S 1
M 2	11 58 36	1°12'04	9♐22	9°32	9°45	24°59	22°18	4♏40	19°29	15°52	28° 6	14°D40	15°43	1°56	n.a.	M 2
T 3	12 2 33	2° 9'49	21°11	9°50	10°59	25°35	22°29	4°37	19°31	15°54	28° 7	14♊40	15°39	2° 2	n.a.	T 3
W 4	12 6 29	3° 7'34	3♑ 5	10°11	12°12	26°11	22°40	4°33	19°32	15°56	28° 9	14°R40	15°36	2° 9	n.a.	W 4
T 5	12 10 26	4° 5'17	15°10	10°38	13°26	26°47	22°50	4°30	19°34	15°57	28°10	14°40	15°33	2°16	n.a.	T 5
F 6	12 14 22	5° 2'59	27°31	11° 8	14°40	27°22	23° 1	4°26	19°35	15°59	28°12	14°38	15°30	2°22	n.a.	F 6
S 7	12 18 19	6° 0'39	10♒13	11°43	15°54	27°57	23°12	4°23	19°37	16° 0	28°13	14°33	15°27	2°29	n.a.	S 7
S 8	12 22 16	6°58'18	23°20	12°21	17° 7	28°33	23°24	4°19	19°38	16° 2	28°14	14°26	15°24	2°36	n.a.	S 8
M 9	12 26 12	7°55'56	6♓52	13° 3	18°21	29° 8	23°35	4°16	19°39	16° 4	28°16	14°18	15°20	2°42	n.a.	M 9
T 10	12 30 9	8°53'33	20°48	13°49	19°35	29°43	23°46	4°12	19°41	16° 5	28°17	14° 8	15°17	2°49	n.a.	T 10
W11	12 34 5	9°51'09	5♈ 7	14°39	20°48	0♑17	23°57	4° 8	19°42	16° 7	28°18	13°57	15°14	2°56	n.a.	W11
T 12	12 38 2	10°48'43	19°42	15°32	22° 2	0°52	24° 9	4° 4	19°43	16° 8	28°20	13°48	15°11	3° 2	n.a.	T 12
F 13	12 41 58	11°46'15	4♉25	16°28	23°15	1°26	24°20	4° 0	19°44	16°10	28°21	13°41	15° 8	3° 9	n.a.	F 13
S 14	12 45 55	12°43'47	19° 9	17°27	24°29	2° 1	24°32	3°57	19°45	16°11	28°22	13°37	15° 4	3°16	n.a.	S 14
S 15	12 49 51	13°41'17	3♊48	18°30	25°43	2°35	24°44	3°53	19°46	16°13	28°24	13°35	15° 1	3°22	n.a.	S 15
M16	12 53 48	14°38'45	18°16	19°35	26°56	3° 9	24°55	3°49	19°47	16°14	28°25	13°D34	14°58	3°29	n.a.	M16
T 17	12 57 44	15°36'13	2♋30	20°44	28°10	3°42	25° 7	3°45	19°48	16°15	28°26	13°35	14°55	3°36	n.a.	T 17
W18	13 1 41	16°33'38	16°29	21°55	29°23	4°16	25°19	3°40	19°49	16°17	28°28	13°R35	14°52	3°42	n.a.	W18
T 19	13 5 38	17°31'02	0♌13	23° 9	0♉37	4°49	25°31	3°36	19°50	16°18	28°29	13°35	14°49	3°49	n.a.	T 19
F 20	13 9 34	18°28'25	13°41	24°26	1°50	5°22	25°43	3°32	19°50	16°19	28°30	13°32	14°45	3°55	n.a.	F 20
S 21	13 13 31	19°25'46	26°56	25°46	3° 4	5°55	25°55	3°28	19°51	16°21	28°32	13°27	14°42	4° 2	n.a.	S 21
S 22	13 17 27	20°23'06	9♍58	27° 8	4°17	6°28	26° 7	3°24	19°52	16°22	28°33	13°20	14°39	4° 9	n.a.	S 22
M23	13 21 24	21°20'25	22°46	28°33	5°31	7° 1	26°19	3°20	19°52	16°23	28°34	13°12	14°36	4°15	n.a.	M23
T 24	13 25 20	22°17'43	5♎23	0♈ 1	6°44	7°33	26°31	3°15	19°53	16°24	28°35	13° 3	14°33	4°22	n.a.	T 24
W25	13 29 17	23°14'59	17°48	1°31	7°57	8° 5	26°43	3°11	19°54	16°25	28°37	12°54	14°30	4°29	n.a.	W25
T 26	13 33 13	24°12'15	0♏ 2	3° 4	9°11	8°37	26°56	3° 7	19°54	16°26	28°38	12°46	14°26	4°35	n.a.	T 26
F 27	13 37 10	25° 9'29	12° 5	4°39	10°24	9° 9	27° 8	3° 2	19°54	16°27	28°39	12°40	14°23	4°42	n.a.	F 27
S 28	13 41 7	26° 6'43	24° 1	6°17	11°37	9°40	27°20	2°58	19°55	16°29	28°40	12°36	14°20	4°49	n.a.	S 28
S 29	13 45 3	27° 3'57	5♐51	7°58	12°51	10°12	27°33	2°54	19°55	16°30	28°42	12°34	14°17	4°55	n.a.	S 29
M30	13 49 0	28♈ 1'10	17♐38	9♈40	14♉ 4	10♑43	27♉45	2♏49	19♑55	16♒31	28♓43	12°D34	14♊14	5♐ 2	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 6	18s29	1n30	9s40	1s35	2n48	0s41	24s27	0s44	18n25	0s11	11s 8	2n19	22s58	0s35	17s29	1s12	15s24	16s 2	22n56	23n 3	19s39		n.a.
M 2	0 29	21 45	0 28	9 45	1 46	3 19	0 39	24 30	0 46	18 28	0 11	11 6	2 19	22 58	0 35	17 29	1 12	15 24	16 2	22 56	23 3	19 41		n.a.
T 3	0 52	24 6	0s35	9 49	1 57	3 51	0 37	24 34	0 48	18 30	0 11	11 5	2 19	22 57	0 35	17 28	1 12	15 23	16 2	22 56	23 2	19 43		n.a.
W 4	1 16	25 24	1 36	9 49	2 7	4 22	0 35	24 37	0 51	18 33	0 11	11 4	2 19	22 57	0 35	17 28	1 12	15 22	16 2	22 56	23 2	19 45		n.a.
T 5	1 39	25 31	2 35	9 47	2 16	4 53	0 33	24 40	0 53	18 36	0 11	11 3	2 19	22 57	0 35	17 27	1 12	15 22	16 2	22 56	23 2	19 47		n.a.
F 6	2 2	24 23	3 27	9 43	2 24	5 24	0 30	24 43	0 55	18 39	0 11	11 2	2 19	22 57	0 35	17 27	1 12	15 21	16 2	22 56	23 1	19 49		n.a.
S 7	2 25	21 59	4 11	9 37	2 31	5 55	0 28	24 46	0 57	18 42	0 11	11 0	2 19	22 57	0 35	17 26	1 12	15 21	16 2	22 55	23 1	19 52		n.a.
S 8	2 49	18 24	4 43	9 28	2 38	6 26	0 26	24 48	0 59	18 45	0 10	10 59	2 19	22 56	0 35	17 26	1 12	15 20	16 2	22 54	23 1	19 54		n.a.
M 9	3 12	13 46	5 1	9 16	2 44	6 57	0 24	24 51	1 1	18 48	0 10	10 58	2 19	22 56	0 35	17 25	1 12	15 20	16 2	22 53	23 0	19 56		n.a.
T 10	3 35	8 18	5 1	9 3	2 49	7 27	0 21	24 53	1 4	18 51	0 10	10 56	2 20	22 56	0 35	17 25	1 12	15 19	16 2	22 52	23 0	19 58		n.a.
W11	3 58	2 15	4 43	8 47	2 53	7 57	0 19	24 56	1 6	18 54	0 10	10 55	2 20	22 56	0 35	17 25	1 12	15 19	16 2	22 51	23 0	20 0		n.a.
T 12	4 21	4n 2	4 7	8 30	2 56	8 28	0 17	24 58	1 8	18 57	0 10	10 54	2 20	22 56	0 35	17 24	1 12	15 18	16 2	22 50	22 59	20 2		n.a.
F 13	4 44	10 10	3 13	8 10	2 59	8 57	0 14	25 0	1 11	19 0	0 10	10 52	2 20	22 56	0 35	17 24	1 12	15 18	16 2	22 49	22 59	20 5		n.a.
S 14	5 6	15 46	2 7	7 48	3 1	9 27	0 12	25 2	1 13	19 3	0 10	10 51	2 20	22 56	0 35	17 23	1 12	15 17	16 2	22 48	22 59	20 7		n.a.
S 15	5 29	20 24	0 52	7 24	3 2	9 57	0 9	25 4	1 16	19 6	0 10	10 50	2 20	22 56	0 35	17 23	1 12	15 17	16 2	22 48	22 58	20 9		n.a.
M16	5 52	23 43	0n25	6 58	3 2	10 26	0 7	25 5	1 18	19 9	0 9	10 48	2 20	22 55	0 35	17 23	1 12	15 16	16 2	22 48	22 58	20 11		n.a.
T 17	6 14	25 28	1 40	6 31	3 2	10 55	0 5	25 7	1 21	19 12	0 9	10 47	2 20	22 55	0 35	17 22	1 12	15 16	16 2	22 48	22 58	20 13		n.a.
W18	6 37	25 33	2 47	6 1	3 1	11 24	0 2	25 8	1 23	19 15	0 9	10 45	2 20	22 55	0 35	17 22	1 12	15 15	16 2	22 48	22 57	20 15		n.a.
T 19	6 59	24 4	3 43	5 30	2 59	11 53	0n 0	25 10	1 26	19 18	0 9	10 44	2 20	22 55	0 35	17 21	1 13	15 15	16 2	22 48	22 57	20 17		n.a.
F 20	7 21	21 13	4 26	4 56	2 57	12 21	0 3	25 11	1 28	19 21	0 9	10 42	2 20	22 55	0 35	17 21	1 13	15 15	16 3	22 48	22 56	20 19		n.a.
S 21	7 43	17 19	4 54	4 22	2 54	12 49	0 5	25 12	1 31	19 24	0 9	10 41	2 20	22 55	0 35	17 21	1 13	15 14	16 3	22 47	22 56	20 22		n.a.
S 22	8 5	12 39	5 6	3 45	2 50	13 16	0 8	25 13	1 33	19 27	0 9	10 40	2 20	22 55	0 35	17 20	1 13	15 14	16 3	22 46	22 56	20 24		n.a.
M23	8 27	7 31	5 2	3 7	2 46	13 44	0 10	25 14	1 36	19 30	0 9	10 38	2 20	22 55	0 36	17 20	1 13	15 13	16 3	22 45	22 55	20 26		n.a.
T 24	8 49	2 9	4 44	2 27	2 41	14 11	0 13	25 15	1 39	19 33	0 8	10 37	2 20	22 55	0 36	17 20	1 13	15 13	16 3	22 44	22 55	20 28		n.a.
W25	9 11	3s13	4 12	1 46	2 36	14 38	0 15	25 16	1 42	19 36	0 8	10 35	2 20	22 55	0 36	17 20	1 13	15 12	16 3	22 43	22 55	20 30		n.a.
T 26	9 32	8 24	3 29	1 3	2 30	15 4	0 18	25 17	1 44	19 39	0 8	10 34	2 20	22 55	0 36	17 19	1 13	15 12	16 3	22 42	22 54	20 32		n.a.
F 27	9 53	13 13	2 37	0 18	2 23	15 30	0 20	25 17	1 47	19 42	0 8	10 32	2 20	22 55	0 36	17 19	1 13	15 12	16 3	22 41	22 54	20 34		n.a.
S 28	10 15	17 29	1 39	0n27	2 16	15 55	0 23	25 18	1 50	19 45	0 8	10 31	2 20	22 55	0 36	17 19	1 13	15 11	16 3	22 41	22 53	20 36		n.a.
S 29	10 36	21 2	0 36	1 15	2 8	16 21	0 25	25 18	1 53	19 48	0 8	10 29	2 20	22 55	0 36	17 18	1 13	15 11	16 4	22 40	22 53	20 38		n.a.
M30	10n56	23s42	0s27	2n 3	2s 0	16n45	0n27	25s19	1s56	19n51	0s 8	10s28	2n20	22s55	0s36	17s18	1s13	15s11	16s 4	22n40	22n53	20s40		n.a.

Julian Day Number = 1317181.5, Delta T = 07h36m13s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'11, Lahiri = -19°14'11 Julian Calendar 1 Apr. 1107 BCE == Greg. Calendar 21 March 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

MAY 1107 BCE (-1106) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 56	28♈58'22	29♐26	11♈26	15♉18	11♊14	27♉58	2°R45	19♊56	16♒32	28♓44	12♊35	14♊10	5♐ 9	n.a.	T 1
W 2	13 56 53	29°55'33	11♊21	13°14	16°31	11°44	28°10	2♏41	19°56	16°33	28°45	12°37	14° 7	5°15	n.a.	W 2
T 3	14 0 49	0♉52'45	23°25	15° 4	17°44	12°14	28°23	2°36	19°56	16°33	28°47	12°38	14° 4	5°22	n.a.	T 3
F 4	14 4 46	1°49'55	5♒46	16°57	18°57	12°44	28°36	2°32	19°56	16°34	28°48	12°R38	14° 1	5°29	n.a.	F 4
S 5	14 8 43	2°47'06	18°26	18°52	20°11	13°14	28°48	2°27	19°R56	16°35	28°49	12°37	13°58	5°35	n.a.	S 5
S 6	14 12 39	3°44'16	1♓31	20°50	21°24	13°43	29° 1	2°23	19°56	16°36	28°50	12°34	13°55	5°42	n.a.	S 6
M 7	14 16 36	4°41'25	15° 3	22°49	22°37	14°12	29°14	2°19	19°56	16°37	28°51	12°30	13°51	5°48	n.a.	M 7
T 8	14 20 32	5°38'35	29° 3	24°51	23°50	14°41	29°27	2°14	19°56	16°38	28°52	12°25	13°48	5°55	n.a.	T 8
W 9	14 24 29	6°35'44	13♈28	26°54	25° 4	15° 9	29°40	2°10	19°56	16°38	28°53	12°19	13°45	6° 2	n.a.	W 9
T 10	14 28 25	7°32'52	28°13	29° 0	26°17	15°37	29°53	2° 5	19°56	16°39	28°55	12°14	13°42	6° 8	n.a.	T 10
F 11	14 32 22	8°30'01	13♉12	1♉ 7	27°30	16° 5	0♊ 5	2° 1	19°55	16°40	28°56	12°11	13°39	6°15	n.a.	F 11
S 12	14 36 18	9°27'08	28°15	3°15	28°43	16°33	0°18	1°57	19°55	16°40	28°57	12° 9	13°35	6°22	n.a.	S 12
S 13	14 40 15	10°24'16	13♊14	5°24	29°56	17° 0	0°31	1°52	19°55	16°41	28°58	12°D 8	13°32	6°28	n.a.	S 13
M14	14 44 12	11°21'23	28° 1	7°34	1♊10	17°26	0°45	1°48	19°54	16°41	28°59	12° 9	13°29	6°35	n.a.	M14
T 15	14 48 8	12°18'30	12♋31	9°45	2°23	17°53	0°58	1°44	19°54	16°42	29° 0	12°10	13°26	6°42	n.a.	T 15
W16	14 52 5	13°15'36	26°40	11°56	3°36	18°18	1°11	1°40	19°53	16°43	29° 1	12°11	13°23	6°48	n.a.	W16
T 17	14 56 1	14°12'41	10♌27	14° 7	4°49	18°44	1°24	1°35	19°53	16°43	29° 2	12°R12	13°20	6°55	n.a.	T 17
F 18	14 59 58	15° 9'46	23°53	16°18	6° 2	19° 9	1°37	1°31	19°52	16°43	29° 3	12°12	13°16	7° 2	n.a.	F 18
S 19	15 3 54	16° 6'50	7♍ 0	18°29	7°15	19°34	1°50	1°27	19°52	16°44	29° 4	12°10	13°13	7° 8	n.a.	S 19
S 20	15 7 51	17° 3'54	19°49	20°38	8°28	19°58	2° 3	1°23	19°51	16°44	29° 5	12° 8	13°10	7°15	n.a.	S 20
M21	15 11 47	18° 0'57	2♎23	22°47	9°41	20°22	2°16	1°19	19°50	16°45	29° 6	12° 5	13° 7	7°22	n.a.	M21
T 22	15 15 44	18°58'01	14°44	24°54	10°54	20°45	2°30	1°15	19°50	16°45	29° 7	12° 1	13° 4	7°28	n.a.	T 22
W23	15 19 41	19°55'04	26°54	27° 1	12° 7	21° 8	2°43	1°10	19°49	16°45	29° 8	11°57	13° 1	7°35	n.a.	W23
T 24	15 23 37	20°52'07	8♏56	29° 5	13°20	21°31	2°56	1° 6	19°48	16°45	29° 9	11°54	12°57	7°41	n.a.	T 24
F 25	15 27 34	21°49'10	20°51	1♊ 9	14°33	21°53	3° 9	1° 2	19°47	16°46	29°10	11°52	12°54	7°48	n.a.	F 25
S 26	15 31 30	22°46'13	2♐41	3°10	15°46	22°14	3°23	0°59	19°46	16°46	29°11	11°51	12°51	7°55	n.a.	S 26
S 27	15 35 27	23°43'16	14°29	5°10	16°59	22°36	3°36	0°55	19°45	16°46	29°11	11°D51	12°48	8° 1	n.a.	S 27
M28	15 39 23	24°40'20	26°17	7° 8	18°12	22°56	3°49	0°51	19°44	16°46	29°12	11°51	12°45	8° 8	n.a.	M28
T 29	15 43 20	25°37'24	8♑ 7	9° 4	19°25	23°16	4° 3	0°47	19°43	16°46	29°13	11°52	12°41	8°15	n.a.	T 29
W30	15 47 17	26°34'28	20° 4	10°58	20°38	23°36	4°16	0°43	19°42	16°46	29°14	11°54	12°38	8°21	n.a.	W30
T 31	15 51 13	27♉31'33	2♒11	12♊50	21♊50	23♑55	4♊30	0♏40	19♑41	16°R46	29♓15	11♊55	12♊35	8♐28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n17	25s20	1s30	2n53	1s52	17n10	0n30	25s19	1s59	19n54	0s 8	10s26	2n20	22s55	0s36	17s18	1s13	15s10	16s 4	22n40	22n52	20s42			n.a.
W 2	11 38	25 49	2 30	3 44	1 43	17 34	0 32	25 19	2 2	19 57	0 7	10 25	2 20	22 55	0 36	17 18	1 13	15 10	16 4	22 41	22 52	20 44			n.a.
T 3	11 58	25 6	3 24	4 36	1 34	17 57	0 35	25 20	2 5	20 0	0 7	10 23	2 20	22 55	0 36	17 17	1 13	15 10	16 4	22 41	22 52	20 47			n.a.
F 4	12 18	23 9	4 9	5 29	1 24	18 20	0 37	25 20	2 8	20 3	0 7	10 22	2 20	22 55	0 36	17 17	1 13	15 9	16 4	22 41	22 51	20 49			n.a.
S 5	12 38	20 2	4 44	6 22	1 14	18 42	0 39	25 20	2 11	20 6	0 7	10 20	2 20	22 55	0 36	17 17	1 13	15 9	16 4	22 41	22 51	20 51			n.a.
S 6	12 58	15 51	5 5	7 17	1 3	19 5	0 42	25 20	2 14	20 9	0 7	10 19	2 20	22 55	0 36	17 17	1 13	15 9	16 5	22 40	22 50	20 53			n.a.
M 7	13 18	10 44	5 11	8 12	0 53	19 26	0 44	25 20	2 17	20 12	0 7	10 17	2 20	22 55	0 36	17 17	1 13	15 8	16 5	22 40	22 50	20 55			n.a.
T 8	13 37	4 56	4 58	9 7	0 42	19 47	0 46	25 20	2 21	20 15	0 7	10 16	2 19	22 55	0 36	17 16	1 13	15 8	16 5	22 39	22 50	20 57			n.a.
W 9	13 56	1n19	4 27	10 3	0 31	20 8	0 49	25 20	2 24	20 18	0 7	10 15	2 19	22 55	0 36	17 16	1 13	15 8	16 5	22 38	22 49	20 59			n.a.
T 10	14 15	7 38	3 37	10 59	0 20	20 28	0 51	25 20	2 27	20 21	0 7	10 13	2 19	22 55	0 36	17 16	1 14	15 7	16 5	22 38	22 49	21 1			n.a.
F 11	14 34	13 39	2 32	11 54	0 9	20 47	0 53	25 20	2 30	20 24	0 6	10 12	2 19	22 55	0 36	17 16	1 14	15 7	16 5	22 37	22 48	21 3			n.a.
S 12	14 52	18 52	1 15	12 49	0n 1	21 6	0 55	25 20	2 34	20 26	0 6	10 10	2 19	22 55	0 36	17 16	1 14	15 7	16 6	22 37	22 48	21 5			n.a.
S 13	15 11	22 51	0n 6	13 43	0 12	21 24	0 58	25 20	2 37	20 29	0 6	10 9	2 19	22 55	0 36	17 16	1 14	15 7	16 6	22 37	22 48	21 7			n.a.
M14	15 29	25 15	1 26	14 37	0 23	21 42	1 0	25 19	2 41	20 32	0 6	10 7	2 19	22 55	0 36	17 15	1 14	15 6	16 6	22 37	22 47	21 9			n.a.
T 15	15 47	25 52	2 39	15 29	0 33	21 59	1 2	25 19	2 44	20 35	0 6	10 6	2 19	22 55	0 36	17 15	1 14	15 6	16 6	22 37	22 47	21 11			n.a.
W16	16 4	24 46	3 40	16 20	0 42	22 15	1 4	25 19	2 48	20 38	0 6	10 5	2 19	22 55	0 36	17 15	1 14	15 6	16 6	22 37	22 46	21 13			n.a.
T 17	16 22	22 11	4 27	17 9	0 52	22 31	1 6	25 19	2 51	20 41	0 6	10 3	2 19	22 56	0 36	17 15	1 14	15 6	16 7	22 37	22 46	21 15			n.a.
F 18	16 39	18 27	4 58	17 57	1 1	22 47	1 8	25 19	2 55	20 44	0 6	10 2	2 19	22 56	0 36	17 15	1 14	15 5	16 7	22 37	22 46	21 17			n.a.
S 19	16 56	13 54	5 13	18 43	1 9	23 1	1 10	25 19	2 58	20 46	0 6	10 0	2 18	22 56	0 36	17 15	1 14	15 5	16 7	22 37	22 45	21 19			n.a.
S 20	17 12	8 51	5 11	19 26	1 17	23 15	1 12	25 19	3 2	20 49	0 5	9 59	2 18	22 56	0 36	17 15	1 14	15 5	16 7	22 37	22 45	21 21			n.a.
M21	17 29	3 32	4 55	20 7	1 24	23 28	1 14	25 19	3 6	20 52	0 5	9 58	2 18	22 56	0 36	17 15	1 14	15 5	16 8	22 36	22 44	21 23			n.a.
T 22	17 45	1s50	4 25	20 46	1 30	23 41	1 15	25 19	3 9	20 55	0 5	9 56	2 18	22 56	0 37	17 15	1 14	15 5	16 8	22 36	22 44	21 25			n.a.
W23	18 0	7 4	3 43	21 22	1 36	23 53	1 17	25 19	3 13	20 57	0 5	9 55	2 18	22 56	0 37	17 15	1 14	15 4	16 8	22 35	22 44	21 27			n.a.
T 24	18 16	12 0	2 52	21 56	1 42	24 4	1 19	25 19	3 17	21 0	0 5	9 54	2 18	22 57	0 37	17 15	1 14	15 4	16 8	22 35	22 43	21 29			n.a.
F 25	18 31	16 26	1 53	22 27	1 46	24 15	1 20	25 19	3 21	21 3	0 5	9 53	2 18	22 57	0 37	17 15	1 14	15 4	16 9	22 35	22 43	21 31			n.a.
S 26	18 46	20 13	0 50	22 55	1 50	24 25	1 22	25 19	3 25	21 6	0 5	9 51	2 18	22 57	0 37	17 15	1 14	15 4	16 9	22 34	22 42	21 33			n.a.
S 27	19 0	23 9	0s15	23 21	1 53	24 34	1 24	25 20	3 29	21 8	0 5	9 50	2 17	22 57	0 37	17 15	1 14	15 4	16 9	22 34	22 42	21 35			n.a.
M28	19 15	25 5	1 19	23 45	1 55	24 42	1 25	25 20	3 33	21 11	0 5	9 49	2 17	22 57	0 37	17 15	1 14	15 4	16 9	22 35	22 42	21 37			n.a.
T 29	19 29	25 55	2 20	24 6	1 57	24 50	1 27	25 20	3 37	21 14	0 4	9 48	2 17	22 57	0 37	17 15	1 15	15 4	16 10	22 35	22 41	21 39			n.a.
W30	19 42	25 32	3 16	24 24	1 58	24 57	1 28	25 21	3 41	21 16	0 4	9 47	2 17	22 58	0 37	17 15	1 15	15 4	16 10	22 35	22 41	21 40			n.a.
T 31	19n56	23s57	4s 4	24n40	1n59	25n 3	1n29	25s21	3s45	21n19	0s 4	9s45	2n17	22s58	0s37	17s15	1s15	15s 4	16s10	22n35	22n40	21s42			n.a.

Julian Day Number = 1317211.5, Delta T = 07h36m11s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'07, Lahiri = -19°14'07 Julian Calendar 1 May 1107 BCE == Greg. Calendar 20 Apr. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

JUNE 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 55 10	28♉28'38	14♒32	14♊40	23♊ 3	24♉13	4♊43	0°R36	19°R40	16°R46	29♓16	11♊56	12♊32	8♐35	n.a.	F 1
S 2	15 59 6	29°25'43	27°12	16°28	24°16	24°31	4°56	0♏32	19♉38	16♒46	29°16	11°R56	12°29	8°41	n.a.	S 2
S 3	16 3 3	0♊22'50	10♓13	18°15	25°29	24°48	5°10	0°29	19°37	16°46	29°17	11°56	12°26	8°48	n.a.	S 3
M 4	16 6 59	1°19'57	23°39	19°59	26°42	25° 5	5°23	0°25	19°36	16°46	29°18	11°56	12°22	8°55	n.a.	M 4
T 5	16 10 56	2°17'04	7♈32	21°41	27°54	25°21	5°36	0°22	19°34	16°46	29°19	11°55	12°19	9° 1	n.a.	T 5
W 6	16 14 52	3°14'13	21°51	23°22	29° 7	25°36	5°50	0°19	19°33	16°46	29°19	11°54	12°16	9° 8	n.a.	W 6
T 7	16 18 49	4°11'22	6♉34	25° 0	0♋20	25°51	6° 3	0°15	19°32	16°45	29°20	11°53	12°13	9°14	n.a.	T 7
F 8	16 22 46	5° 8'31	21°34	26°37	1°33	26° 5	6°17	0°12	19°30	16°45	29°21	11°52	12°10	9°21	n.a.	F 8
S 9	16 26 42	6° 5'42	6♊44	28°12	2°45	26°18	6°30	0° 9	19°29	16°45	29°21	11°D52	12° 7	9°28	n.a.	S 9
S 10	16 30 39	7° 2'53	21°54	29°44	3°58	26°31	6°44	0° 6	19°27	16°45	29°22	11°52	12° 3	9°34	n.a.	S 10
M11	16 34 35	8° 0'05	6♋55	1♋15	5°11	26°43	6°57	0° 3	19°25	16°44	29°23	11°52	12° 0	9°41	n.a.	M11
T 12	16 38 32	8°57'17	21°39	2°43	6°23	26°54	7°10	29♎59	19°24	16°44	29°23	11°52	11°57	9°48	n.a.	T 12
W13	16 42 28	9°54'29	6♌ 2	4°10	7°36	27° 5	7°24	29°57	19°22	16°44	29°24	11°53	11°54	9°54	n.a.	W13
T 14	16 46 25	10°51'42	19°58	5°35	8°48	27°15	7°37	29°54	19°21	16°43	29°24	11°53	11°51	10° 1	n.a.	T 14
F 15	16 50 22	11°48'56	3♍29	6°57	10° 1	27°24	7°51	29°52	19°19	16°43	29°25	11°R53	11°47	10° 8	n.a.	F 15
S 16	16 54 18	12°46'09	16°36	8°18	11°14	27°32	8° 4	29°49	19°17	16°42	29°25	11°D53	11°44	10°14	n.a.	S 16
S 17	16 58 15	13°43'24	29°20	9°36	12°26	27°40	8°17	29°46	19°15	16°42	29°26	11°53	11°41	10°21	n.a.	S 17
M18	17 2 11	14°40'39	11♎47	10°52	13°39	27°47	8°31	29°44	19°13	16°41	29°26	11°53	11°38	10°28	n.a.	M18
T 19	17 6 8	15°37'54	23°59	12° 5	14°51	27°53	8°44	29°42	19°12	16°41	29°27	11°53	11°35	10°34	n.a.	T 19
W20	17 10 4	16°35'10	6♏ 0	13°17	16° 3	27°58	8°57	29°39	19°10	16°40	29°27	11°54	11°32	10°41	n.a.	W20
T 21	17 14 1	17°32'27	17°54	14°26	17°16	28° 3	9°11	29°37	19° 8	16°39	29°28	11°54	11°28	10°48	n.a.	T 21
F 22	17 17 57	18°29'45	29°43	15°32	18°28	28° 7	9°24	29°35	19° 6	16°39	29°28	11°55	11°25	10°54	n.a.	F 22
S 23	17 21 54	19°27'04	11♐31	16°36	19°40	28°10	9°37	29°33	19° 4	16°38	29°28	11°R55	11°22	11° 1	n.a.	S 23
S 24	17 25 51	20°24'24	23°19	17°37	20°53	28°12	9°51	29°31	19° 2	16°37	29°29	11°55	11°19	11° 7	n.a.	S 24
M25	17 29 47	21°21'45	5♑11	18°36	22° 5	28°13	10° 4	29°29	19° 0	16°36	29°29	11°54	11°16	11°14	n.a.	M25
T 26	17 33 44	22°19'07	17° 8	19°31	23°17	28°R14	10°17	29°27	18°58	16°36	29°29	11°53	11°13	11°21	n.a.	T 26
W27	17 37 40	23°16'30	29°12	20°24	24°29	28°13	10°30	29°25	18°56	16°35	29°30	11°51	11° 9	11°27	n.a.	W27
T 28	17 41 37	24°13'55	11♒27	21°13	25°42	28°12	10°44	29°24	18°54	16°34	29°30	11°50	11° 6	11°34	n.a.	T 28
F 29	17 45 33	25°11'21	23°54	21°59	26°54	28°10	10°57	29°22	18°52	16°33	29°30	11°48	11° 3	11°41	n.a.	F 29
S 30	17 49 30	26♊ 8'48	6♓36	22♋41	28♋ 6	28♉ 8	11♊10	29♎21	18♉49	16♒32	29♓30	11♊47	11♊ 0	11♐47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 9	21s13	4s42	24n53	1n58	25n 9	1n31	25s22	3s49	21n21	0s 4	9s44	2n17	22s58	0s37	17s15	1s15	15s 3	16s10	22n35	22n40	21s44		n.a.
S 2	20 21	17 26	5 7	25 5	1 58	25 14	1 32	25 23	3 53	21 24	0 4	9 43	2 16	22 58	0 37	17 15	1 15	15 3	16 11	22 35	22 40	21 46		n.a.
S 3	20 34	12 44	5 17	25 14	1 56	25 18	1 33	25 24	3 57	21 27	0 4	9 42	2 16	22 59	0 37	17 15	1 15	15 3	16 11	22 35	22 39	21 48		n.a.
M 4	20 46	7 18	5 11	25 20	1 54	25 21	1 34	25 25	4 1	21 29	0 4	9 41	2 16	22 59	0 37	17 15	1 15	15 3	16 11	22 35	22 39	21 50		n.a.
T 5	20 57	1 20	4 46	25 25	1 51	25 24	1 35	25 26	4 5	21 32	0 4	9 40	2 16	22 59	0 37	17 15	1 15	15 3	16 11	22 35	22 38	21 52		n.a.
W 6	21 9	4n54	4 3	25 28	1 48	25 25	1 36	25 27	4 9	21 34	0 4	9 39	2 16	22 59	0 37	17 15	1 15	15 3	16 12	22 35	22 38	21 54		n.a.
T 7	21 20	11 2	3 4	25 28	1 45	25 26	1 37	25 28	4 14	21 37	0 4	9 38	2 16	22 59	0 37	17 15	1 15	15 3	16 12	22 35	22 37	21 56		n.a.
F 8	21 30	16 40	1 50	25 27	1 40	25 27	1 38	25 29	4 18	21 39	0 3	9 37	2 15	23 0	0 37	17 16	1 15	15 3	16 12	22 35	22 37	21 58		n.a.
S 9	21 40	21 19	0 28	25 24	1 35	25 26	1 38	25 31	4 22	21 41	0 3	9 36	2 15	23 0	0 37	17 16	1 15	15 3	16 13	22 35	22 37	22 0		n.a.
S 10	21 50	24 30	0n56	25 20	1 30	25 25	1 39	25 33	4 26	21 44	0 3	9 35	2 15	23 0	0 37	17 16	1 15	15 3	16 13	22 35	22 36	22 1		n.a.
M11	22 0	25 53	2 15	25 14	1 24	25 23	1 40	25 35	4 31	21 46	0 3	9 34	2 15	23 0	0 37	17 16	1 15	15 3	16 13	22 35	22 36	22 3		n.a.
T 12	22 9	25 24	3 24	25 6	1 18	25 20	1 40	25 36	4 35	21 49	0 3	9 33	2 15	23 1	0 37	17 16	1 15	15 3	16 13	22 35	22 35	22 5		n.a.
W13	22 18	23 13	4 18	24 57	1 11	25 17	1 41	25 39	4 39	21 51	0 3	9 33	2 14	23 1	0 37	17 16	1 15	15 3	16 14	22 35	22 35	22 7		n.a.
T 14	22 26	19 43	4 55	24 47	1 4	25 13	1 41	25 41	4 44	21 53	0 3	9 32	2 14	23 1	0 37	17 16	1 15	15 3	16 14	22 35	22 34	22 9		n.a.
F 15	22 34	15 15	5 14	24 35	0 57	25 8	1 41	25 43	4 48	21 56	0 3	9 31	2 14	23 2	0 37	17 17	1 15	15 3	16 14	22 35	22 34	22 11		n.a.
S 16	22 42	10 13	5 17	24 22	0 49	25 2	1 42	25 46	4 52	21 58	0 3	9 30	2 14	23 2	0 37	17 17	1 15	15 3	16 15	22 35	22 34	22 13		n.a.
S 17	22 49	4 53	5 3	24 9	0 40	24 55	1 42	25 48	4 57	22 0	0 2	9 30	2 14	23 2	0 37	17 17	1 15	15 3	16 15	22 35	22 33	22 15		n.a.
M18	22 56	0s31	4 36	23 54	0 31	24 48	1 42	25 51	5 1	22 3	0 2	9 29	2 13	23 2	0 37	17 17	1 16	15 4	16 15	22 35	22 33	22 16		n.a.
T 19	23 2	5 48	3 56	23 38	0 22	24 40	1 42	25 54	5 5	22 5	0 2	9 28	2 13	23 3	0 37	17 17	1 16	15 4	16 15	22 35	22 32	22 18		n.a.
W20	23 8	10 48	3 7	23 22	0 13	24 32	1 42	25 57	5 10	22 7	0 2	9 28	2 13	23 3	0 37	17 18	1 16	15 4	16 16	22 35	22 32	22 20		n.a.
T 21	23 14	15 22	2 10	23 5	0 3	24 22	1 42	26 0	5 14	22 9	0 2	9 27	2 13	23 3	0 37	17 18	1 16	15 4	16 16	22 35	22 31	22 22		n.a.
F 22	23 19	19 19	1 7	22 47	0s 7	24 12	1 41	26 4	5 18	22 11	0 2	9 27	2 12	23 4	0 37	17 18	1 16	15 4	16 16	22 35	22 31	22 24		n.a.
S 23	23 24	22 29	0 2	22 29	0 18	24 1	1 41	26 7	5 22	22 13	0 2	9 26	2 12	23 4	0 37	17 18	1 16	15 4	16 17	22 35	22 30	22 26		n.a.
S 24	23 28	24 42	1s 3	22 10	0 29	23 50	1 41	26 11	5 27	22 16	0 2	9 25	2 12	23 4	0 37	17 19	1 16	15 4	16 17	22 35	22 30	22 27		n.a.
M25	23 32	25 49	2 6	21 51	0 40	23 38	1 40	26 15	5 31	22 18	0 2	9 25	2 12	23 4	0 37	17 19	1 16	15 4	16 17	22 35	22 30	22 29		n.a.
T 26	23 36	25 44	3 3	21 32	0 51	23 25	1 40	26 19	5 35	22 20	0 1	9 25	2 12	23 5	0 37	17 19	1 16	15 5	16 18	22 35	22 29	22 31		n.a.
W27	23 39	24 27	3 53	21 13	1 3	23 12	1 39	26 23	5 39	22 22	0 1	9 24	2 11	23 5	0 38	17 20	1 16	15 5	16 18	22 35	22 29	22 33		n.a.
T 28	23 42	22 0	4 33	20 54	1 15	22 57	1 38	26 27	5 43	22 24	0 1	9 24	2 11	23 5	0 38	17 20	1 16	15 5	16 18	22 34	22 28	22 35		n.a.
F 29	23 44	18 29	5 1	20 35	1 26	22 43	1 37	26 31	5 47	22 26	0 1	9 24	2 11	23 6	0 38	17 20	1 16	15 5	16 19	22 34	22 28	22 36		n.a.
S 30	23n46	14s 5	5s15	20n16	1s39	22n27	1n37	26s36	5s51	22n28	0s 1	9s23	2n11	23s 6	0s38	17s21	1s16	15s 5	16s19	22n34	22n27	22s38		n.a.

Julian Day Number = 1317242.5, Delta T = 07h36m10s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°21'03, Lahiri = -19°14'03 Julian Calendar 1 June 1107 BCE == Greg. Calendar 21 May 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

JULY 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 27	27♊ 6'17	19♓37	23♋20	29♋18	28°R 4	11♊23	29°R19	18°R47	16°R31	29♓31	11°R46	10♊57	11♐54	n.a.	S 1
M 2	17 57 23	28° 3'47	2♈58	23°55	0♌30	28♉ 0	11°36	29♎18	18♉45	16♒30	29°31	11°D46	10°53	12° 1	n.a.	M 2
T 3	18 1 20	29° 1'19	16°42	24°25	1°42	27°55	11°49	29°17	18°43	16°29	29°31	11♊47	10°50	12° 7	n.a.	T 3
W 4	18 5 16	29°58'52	0♉49	24°52	2°54	27°49	12° 2	29°16	18°41	16°28	29°31	11°48	10°47	12°14	n.a.	W 4
T 5	18 9 13	0♋56'27	15°18	25°14	4° 6	27°42	12°16	29°15	18°39	16°27	29°31	11°49	10°44	12°21	n.a.	T 5
F 6	18 13 9	1°54'04	0♊ 6	25°31	5°18	27°35	12°29	29°14	18°36	16°26	29°31	11°50	10°41	12°27	n.a.	F 6
S 7	18 17 6	2°51'43	15° 7	25°43	6°30	27°26	12°42	29°13	18°34	16°25	29°32	11°R50	10°38	12°34	n.a.	S 7
S 8	18 21 2	3°49'23	0♋13	25°50	7°42	27°17	12°54	29°12	18°32	16°24	29°32	11°49	10°34	12°41	n.a.	S 8
M 9	18 24 59	4°47'05	15°16	25°R52	8°54	27° 8	13° 7	29°12	18°29	16°23	29°32	11°48	10°31	12°47	n.a.	M 9
T 10	18 28 56	5°44'48	0♌ 6	25°48	10° 5	26°57	13°20	29°11	18°27	16°22	29°32	11°45	10°28	12°54	n.a.	T 10
W11	18 32 52	6°42'32	14°37	25°39	11°17	26°46	13°33	29°11	18°25	16°21	29°R32	11°41	10°25	13° 0	n.a.	W11
T 12	18 36 49	7°40'17	28°42	25°24	12°29	26°34	13°46	29°10	18°22	16°19	29°32	11°38	10°22	13° 7	n.a.	T 12
F 13	18 40 45	8°38'04	12♍20	25° 3	13°40	26°22	13°59	29°10	18°20	16°18	29°32	11°35	10°19	13°14	n.a.	F 13
S 14	18 44 42	9°35'52	25°31	24°37	14°52	26° 9	14°11	29°10	18°18	16°17	29°32	11°33	10°15	13°20	n.a.	S 14
S 15	18 48 38	10°33'42	8♎17	24° 5	16° 4	25°56	14°24	29°D10	18°15	16°16	29°31	11°D32	10°12	13°27	n.a.	S 15
M16	18 52 35	11°31'33	20°42	23°28	17°15	25°42	14°37	29°10	18°13	16°14	29°31	11°32	10° 9	13°34	n.a.	M16
T 17	18 56 31	12°29'25	2♏50	22°46	18°27	25°28	14°49	29°10	18°11	16°13	29°31	11°34	10° 6	13°40	n.a.	T 17
W18	19 0 28	13°27'18	14°47	22° 0	19°38	25°13	15° 2	29°10	18° 8	16°12	29°31	11°35	10° 3	13°47	n.a.	W18
T 19	19 4 25	14°25'14	26°37	21°10	20°49	24°58	15°14	29°11	18° 6	16°10	29°31	11°37	9°59	13°54	n.a.	T 19
F 20	19 8 21	15°23'10	8♐25	20°17	22° 1	24°42	15°27	29°11	18° 3	16° 9	29°31	11°R38	9°56	14° 0	n.a.	F 20
S 21	19 12 18	16°21'09	20°13	19°22	23°12	24°26	15°39	29°12	18° 1	16° 8	29°31	11°38	9°53	14° 7	n.a.	S 21
S 22	19 16 14	17°19'09	2♑ 5	18°27	24°23	24°10	15°51	29°12	17°59	16° 6	29°30	11°36	9°50	14°14	n.a.	S 22
M23	19 20 11	18°17'10	14° 4	17°32	25°35	23°54	16° 4	29°13	17°56	16° 5	29°30	11°32	9°47	14°20	n.a.	M23
T 24	19 24 7	19°15'14	26°12	16°38	26°46	23°38	16°16	29°14	17°54	16° 3	29°30	11°27	9°44	14°27	n.a.	T 24
W25	19 28 4	20°13'19	8♒30	15°46	27°57	23°21	16°28	29°15	17°52	16° 2	29°30	11°20	9°40	14°34	n.a.	W25
T 26	19 32 0	21°11'26	20°58	14°59	29° 8	23° 5	16°40	29°16	17°49	16° 1	29°29	11°13	9°37	14°40	n.a.	T 26
F 27	19 35 57	22° 9'36	3♓39	14°16	0♍19	22°48	16°52	29°17	17°47	15°59	29°29	11° 6	9°34	14°47	n.a.	F 27
S 28	19 39 54	23° 7'47	16°33	13°40	1°30	22°32	17° 4	29°18	17°44	15°58	29°29	11° 0	9°31	14°53	n.a.	S 28
S 29	19 43 50	24° 6'00	29°40	13°10	2°40	22°15	17°16	29°19	17°42	15°56	29°28	10°56	9°28	15° 0	n.a.	S 29
M30	19 47 47	25° 4'16	13♈ 3	12°47	3°51	21°59	17°28	29°21	17°40	15°55	29°28	10°54	9°25	15° 7	n.a.	M30
T 31	19 51 43	26♋ 2'33	26♈41	12♋33	5♍ 2	21♉42	17♊40	29♎22	17♉37	15♒53	29♓27	10°D53	9♊21	15♐13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
S 1	23n48	8s58	5s13	19n57	1s51	22n11	1n36	26s40	5s55	22n30	0s 1	9s23	2n10	23s 6	0s38	17s21	1s16	15s 6	16s19	22n34	22n27	22s40			n.a.	S 1
M 2	23 49	3 18	4 55	19 39	2 3	21 54	1 35	26 45	5 59	22 32	0 1	9 23	2 10	23 7	0 38	17 21	1 16	15 6	16 20	22 34	22 26	22 42			n.a.	M 2
T 3	23 49	2n41	4 20	19 22	2 16	21 37	1 33	26 50	6 2	22 33	0 1	9 23	2 10	23 7	0 38	17 22	1 16	15 6	16 20	22 34	22 26	22 44			n.a.	T 3
W 4	23 50	8 42	3 28	19 5	2 28	21 19	1 32	26 54	6 6	22 35	0 1	9 22	2 10	23 7	0 38	17 22	1 16	15 6	16 20	22 34	22 26	22 45			n.a.	W 4
T 5	23 49	14 26	2 21	18 49	2 40	21 1	1 31	26 59	6 10	22 37	0 1	9 22	2 9	23 8	0 38	17 22	1 16	15 6	16 21	22 34	22 25	22 47			n.a.	T 5
F 6	23 49	19 27	1 4	18 34	2 52	20 42	1 30	27 4	6 13	22 39	0 0	9 22	2 9	23 8	0 38	17 23	1 16	15 7	16 21	22 34	22 25	22 49			n.a.	F 6
S 7	23 48	23 17	0n18	18 20	3 4	20 22	1 28	27 9	6 16	22 41	0 0	9 22	2 9	23 8	0 38	17 23	1 16	15 7	16 21	22 34	22 24	22 51			n.a.	S 7
S 8	23 46	25 29	1 40	18 7	3 16	20 2	1 27	27 14	6 19	22 43	0 0	9 22	2 9	23 9	0 38	17 23	1 16	15 7	16 21	22 34	22 24	22 52			n.a.	S 8
M 9	23 44	25 49	2 54	17 55	3 27	19 41	1 25	27 19	6 23	22 44	0 0	9 22	2 8	23 9	0 38	17 24	1 16	15 7	16 22	22 34	22 23	22 54			n.a.	M 9
T 10	23 42	24 17	3 55	17 46	3 38	19 20	1 23	27 24	6 25	22 46	0 0	9 22	2 8	23 9	0 38	17 24	1 17	15 8	16 22	22 34	22 23	22 56			n.a.	T 10
W11	23 39	21 10	4 40	17 37	3 48	18 59	1 21	27 29	6 28	22 48	0n 0	9 22	2 8	23 10	0 38	17 25	1 17	15 8	16 22	22 33	22 22	22 58			n.a.	W11
T 12	23 36	16 53	5 6	17 31	3 57	18 36	1 20	27 34	6 31	22 50	0 0	9 22	2 8	23 10	0 38	17 25	1 17	15 8	16 23	22 33	22 22	22 59			n.a.	T 12
F 13	23 32	11 52	5 14	17 26	4 6	18 14	1 18	27 39	6 33	22 51	0 0	9 22	2 7	23 10	0 38	17 25	1 17	15 9	16 23	22 32	22 21	23 1			n.a.	F 13
S 14	23 28	6 28	5 5	17 23	4 13	17 50	1 16	27 44	6 36	22 53	0 0	9 23	2 7	23 11	0 38	17 26	1 17	15 9	16 23	22 32	22 21	23 3			n.a.	S 14
S 15	23 24	0 57	4 41	17 23	4 20	17 27	1 14	27 49	6 38	22 54	0 1	9 23	2 7	23 11	0 38	17 26	1 17	15 9	16 24	22 32	22 20	23 4			n.a.	S 15
M16	23 19	4s27	4 4	17 24	4 25	17 3	1 11	27 53	6 40	22 56	0 1	9 23	2 7	23 11	0 38	17 27	1 17	15 10	16 24	22 32	22 20	23 6			n.a.	M16
T 17	23 14	9 35	3 17	17 28	4 28	16 38	1 9	27 58	6 42	22 58	0 1	9 23	2 6	23 12	0 38	17 27	1 17	15 10	16 24	22 32	22 19	23 8			n.a.	T 17
W18	23 8	14 17	2 22	17 33	4 30	16 13	1 7	28 2	6 43	22 59	0 1	9 24	2 6	23 12	0 38	17 27	1 17	15 10	16 25	22 32	22 19	23 10			n.a.	W18
T 19	23 2	18 24	1 21	17 41	4 30	15 48	1 4	28 7	6 45	23 1	0 1	9 24	2 6	23 12	0 38	17 28	1 17	15 11	16 25	22 33	22 19	23 11			n.a.	T 19
F 20	22 55	21 46	0 18	17 51	4 28	15 22	1 2	28 11	6 46	23 2	0 1	9 24	2 6	23 13	0 38	17 28	1 17	15 11	16 25	22 33	22 18	23 13			n.a.	F 20
S 21	22 48	24 14	0s47	18 2	4 25	14 56	0 59	28 15	6 47	23 4	0 1	9 25	2 5	23 13	0 38	17 29	1 17	15 11	16 26	22 33	22 18	23 15			n.a.	S 21
S 22	22 41	25 38	1 49	18 16	4 19	14 30	0 57	28 19	6 48	23 5	0 1	9 25	2 5	23 13	0 38	17 29	1 17	15 12	16 26	22 32	22 17	23 16			n.a.	S 22
M23	22 33	25 51	2 48	18 30	4 11	14 3	0 54	28 23	6 49	23 6	0 1	9 26	2 5	23 14	0 38	17 30	1 17	15 12	16 26	22 32	22 17	23 18			n.a.	M23
T 24	22 25	24 50	3 39	18 47	4 2	13 36	0 51	28 26	6 49	23 8	0 2	9 26	2 5	23 14	0 38	17 30	1 17	15 12	16 26	22 31	22 16	23 20			n.a.	T 24
W25	22 17	22 37	4 21	19 4	3 50	13 8	0 48	28 29	6 50	23 9	0 2	9 27	2 4	23 14	0 38	17 31	1 17	15 13	16 27	22 30	22 16	23 21			n.a.	W25
T 26	22 8	19 19	4 51	19 22	3 38	12 40	0 45	28 32	6 50	23 11	0 2	9 28	2 4	23 15	0 38	17 31	1 17	15 13	16 27	22 29	22 15	23 23			n.a.	T 26
F 27	21 58	15 5	5 7	19 41	3 23	12 12	0 42	28 35	6 50	23 12	0 2	9 28	2 4	23 15	0 38	17 32	1 17	15 14	16 27	22 28	22 15	23 25			n.a.	F 27
S 28	21 49	10 6	5 8	20 0	3 8	11 44	0 39	28 38	6 49	23 13	0 2	9 29	2 4	23 15	0 38	17 32	1 17	15 14	16 28	22 27	22 14	23 26			n.a.	S 28
S 29	21 38	4 36	4 53	20 20	2 51	11 15	0 36	28 40	6 49	23 15	0 2	9 30	2 3	23 16	0 38	17 33	1 17	15 14	16 28	22 27	22 14	23 28			n.a.	S 29
M30	21 28	1n13	4 22	20 39	2 34	10 46	0 33	28 43	6 48	23 16	0 2	9 30	2 3	23 16	0 38	17 33	1 17	15 15	16 28	22 26	22 13	23 29			n.a.	M30
T 31	21n17	7n 6	3s36	20n58	2s16	10n17	0n30	28s44	6s47	23n17	0n 2	9s31	2n 3	23s16	0s38	17s34	1s17	15s15	16s29	22n26	22n13	23s31			n.a.	T 31

Julian Day Number = 1317272.5, Delta T = 07h36m08s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'59, Lahiri = -19°13'58 Julian Calendar 1 July 1107 BCE == Greg. Calendar 20 June 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

AUGUST 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 55 40	27♋ 0'53	10♉37	12°D27	6♍13	21°R26	17♊52	29♎24	17°R35	15°R51	29°R27	10♊53	9♊18	15♐20	n.a.	W 1
T 2	19 59 36	27°59'16	24°50	12♋30	7°23	21♑11	18° 4	29°25	17♑33	15♒50	29♓26	10°55	9°15	15°27	n.a.	T 2
F 3	20 3 33	28°57'40	9♊19	12°43	8°34	20°55	18°15	29°27	17°30	15°48	29°26	10°R55	9°12	15°33	n.a.	F 3
S 4	20 7 29	29°56'07	24° 0	13° 4	9°44	20°40	18°27	29°29	17°28	15°47	29°26	10°55	9° 9	15°40	n.a.	S 4
S 5	20 11 26	0♌54'37	8♋49	13°34	10°55	20°25	18°38	29°31	17°26	15°45	29°25	10°52	9° 5	15°47	n.a.	S 5
M 6	20 15 23	1°53'08	23°38	14°12	12° 5	20°11	18°50	29°33	17°23	15°44	29°25	10°47	9° 2	15°53	n.a.	M 6
T 7	20 19 19	2°51'41	8♌20	14°59	13°16	19°57	19° 1	29°35	17°21	15°42	29°24	10°40	8°59	16° 0	n.a.	T 7
W 8	20 23 16	3°50'17	22°47	15°54	14°26	19°43	19°12	29°37	17°19	15°40	29°23	10°31	8°56	16° 7	n.a.	W 8
T 9	20 27 12	4°48'54	6♍53	16°56	15°36	19°31	19°23	29°40	17°16	15°39	29°23	10°23	8°53	16°13	n.a.	T 9
F 10	20 31 9	5°47'33	20°33	18° 5	16°46	19°18	19°35	29°42	17°14	15°37	29°22	10°15	8°50	16°20	n.a.	F 10
S 11	20 35 5	6°46'14	3♎47	19°21	17°56	19° 7	19°46	29°44	17°12	15°35	29°22	10° 8	8°46	16°27	n.a.	S 11
S 12	20 39 2	7°44'57	16°36	20°42	19° 6	18°56	19°57	29°47	17°10	15°34	29°21	10° 4	8°43	16°33	n.a.	S 12
M13	20 42 58	8°43'42	29° 2	22° 8	20°16	18°45	20° 7	29°50	17° 8	15°32	29°20	10° 1	8°40	16°40	n.a.	M13
T 14	20 46 55	9°42'28	11♏11	23°39	21°26	18°35	20°18	29°53	17° 5	15°31	29°20	10°D 1	8°37	16°46	n.a.	T 14
W15	20 50 51	10°41'17	23° 8	25°13	22°35	18°26	20°29	29°55	17° 3	15°29	29°19	10° 1	8°34	16°53	n.a.	W15
T 16	20 54 48	11°40'07	4♐57	26°51	23°45	18°18	20°39	29°58	17° 1	15°27	29°18	10°R 2	8°31	17° 0	n.a.	T 16
F 17	20 58 45	12°38'59	16°44	28°32	24°54	18°11	20°50	0♏ 1	16°59	15°26	29°18	10° 2	8°27	17° 6	n.a.	F 17
S 18	21 2 41	13°37'54	28°35	0♌15	26° 4	18° 4	21° 0	0° 4	16°57	15°24	29°17	10° 0	8°24	17°13	n.a.	S 18
S 19	21 6 38	14°36'50	10♑32	2° 0	27°13	17°58	21°11	0° 8	16°55	15°22	29°16	9°56	8°21	17°20	n.a.	S 19
M20	21 10 34	15°35'48	22°40	3°46	28°23	17°53	21°21	0°11	16°53	15°21	29°15	9°49	8°18	17°26	n.a.	M20
T 21	21 14 31	16°34'48	5♒ 0	5°33	29°32	17°48	21°31	0°14	16°51	15°19	29°15	9°40	8°15	17°33	n.a.	T 21
W22	21 18 27	17°33'51	17°34	7°22	0♎41	17°45	21°41	0°18	16°49	15°17	29°14	9°29	8°11	17°40	n.a.	W22
T 23	21 22 24	18°32'55	0♓22	9°10	1°50	17°42	21°51	0°21	16°47	15°16	29°13	9°17	8° 8	17°46	n.a.	T 23
F 24	21 26 20	19°32'02	13°23	10°59	2°58	17°39	22° 1	0°25	16°45	15°14	29°12	9° 5	8° 5	17°53	n.a.	F 24
S 25	21 30 17	20°31'11	26°36	12°48	4° 7	17°38	22°11	0°29	16°43	15°12	29°11	8°54	8° 2	18° 0	n.a.	S 25
S 26	21 34 13	21°30'22	10♈ 1	14°37	5°16	17°D38	22°20	0°32	16°41	15°11	29°10	8°46	7°59	18° 6	n.a.	S 26
M27	21 38 10	22°29'36	23°35	16°25	6°24	17°38	22°30	0°36	16°40	15° 9	29°10	8°40	7°56	18°13	n.a.	M27
T 28	21 42 7	23°28'52	7♉19	18°13	7°33	17°39	22°39	0°40	16°38	15° 7	29° 9	8°37	7°52	18°20	n.a.	T 28
W29	21 46 3	24°28'11	21°13	20° 1	8°41	17°41	22°48	0°44	16°36	15° 6	29° 8	8°D36	7°49	18°26	n.a.	W29
T 30	21 50 0	25°27'32	5♊16	21°48	9°49	17°43	22°58	0°48	16°34	15° 4	29° 7	8°R36	7°46	18°33	n.a.	T 30
F 31	21 53 56	26♌26'56	19♊27	23♌34	10♎57	17♑47	23♊ 7	0♏52	16♑33	15♒ 2	29♓ 6	8♊36	7♊43	18♐39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n 6	12n47	2s36	21n17	1s58	9n47	0n27	28s46	6s46	23n18	0n 2	9s32	2n 3	23s17	0s38	17s34	1s17	15s16	16s29	22n26	22n12	23s33			n.a.
T 2	20 54	17 54	1 26	21 35	1 39	9 18	0 23	28 47	6 45	23 19	0 3	9 33	2 2	23 17	0 38	17 35	1 17	15 16	16 29	22 27	22 12	23 34			n.a.
F 3	20 42	22 4	0 9	21 52	1 21	8 48	0 20	28 49	6 44	23 21	0 3	9 33	2 2	23 17	0 38	17 35	1 17	15 17	16 29	22 27	22 11	23 36			n.a.
S 4	20 30	24 51	1n10	22 8	1 3	8 18	0 16	28 49	6 42	23 22	0 3	9 34	2 2	23 18	0 38	17 36	1 17	15 17	16 30	22 27	22 11	23 37			n.a.
S 5	20 17	25 56	2 25	22 22	0 46	7 47	0 13	28 50	6 40	23 23	0 3	9 35	2 2	23 18	0 38	17 36	1 17	15 18	16 30	22 26	22 10	23 39			n.a.
M 6	20 4	25 9	3 29	22 35	0 29	7 17	0 9	28 50	6 38	23 24	0 3	9 36	2 1	23 18	0 38	17 37	1 17	15 18	16 30	22 25	22 10	23 41			n.a.
T 7	19 50	22 38	4 19	22 45	0 13	6 46	0 6	28 50	6 36	23 25	0 3	9 37	2 1	23 18	0 38	17 37	1 17	15 18	16 31	22 24	22 9	23 42			n.a.
W 8	19 36	18 43	4 52	22 54	0n 2	6 15	0 2	28 50	6 34	23 26	0 3	9 38	2 1	23 19	0 38	17 38	1 17	15 19	16 31	22 23	22 9	23 44			n.a.
T 9	19 22	13 50	5 6	23 1	0 17	5 44	0s 2	28 50	6 31	23 27	0 3	9 39	2 1	23 19	0 38	17 38	1 17	15 19	16 31	22 22	22 8	23 45			n.a.
F 10	19 8	8 24	5 1	23 5	0 30	5 13	0 6	28 49	6 28	23 28	0 3	9 40	2 0	23 19	0 38	17 39	1 17	15 20	16 31	22 21	22 8	23 47			n.a.
S 11	18 53	2 45	4 41	23 7	0 43	4 42	0 10	28 48	6 26	23 29	0 4	9 42	2 0	23 20	0 38	17 39	1 17	15 20	16 32	22 20	22 7	23 49			n.a.
S 12	18 38	2s50	4 7	23 6	0 54	4 10	0 13	28 47	6 23	23 30	0 4	9 43	2 0	23 20	0 38	17 40	1 17	15 21	16 32	22 19	22 7	23 50			n.a.
M13	18 22	8 10	3 21	23 2	1 4	3 39	0 17	28 45	6 20	23 31	0 4	9 44	2 0	23 20	0 38	17 40	1 17	15 21	16 32	22 19	22 6	23 52			n.a.
T 14	18 6	13 5	2 28	22 55	1 13	3 8	0 21	28 44	6 17	23 32	0 4	9 45	1 59	23 20	0 38	17 41	1 17	15 22	16 32	22 19	22 6	23 53			n.a.
W15	17 50	17 25	1 29	22 46	1 21	2 36	0 25	28 42	6 13	23 33	0 4	9 46	1 59	23 21	0 38	17 41	1 17	15 22	16 33	22 19	22 5	23 55			n.a.
T 16	17 34	21 1	0 27	22 34	1 29	2 4	0 29	28 40	6 10	23 34	0 4	9 48	1 59	23 21	0 38	17 42	1 18	15 23	16 33	22 19	22 5	23 56			n.a.
F 17	17 17	23 45	0s36	22 20	1 35	1 33	0 34	28 37	6 7	23 35	0 4	9 49	1 59	23 21	0 38	17 42	1 18	15 23	16 33	22 19	22 4	23 58			n.a.
S 18	17 0	25 27	1 37	22 3	1 40	1 1	0 38	28 35	6 3	23 35	0 4	9 50	1 58	23 21	0 38	17 43	1 18	15 24	16 33	22 19	22 4	23 59			n.a.
S 19	16 43	25 59	2 35	21 43	1 44	0 29	0 42	28 32	5 59	23 36	0 5	9 52	1 58	23 22	0 38	17 43	1 18	15 24	16 33	22 18	22 3	24 1			n.a.
M20	16 25	25 17	3 27	21 21	1 47	0s 3	0 46	28 29	5 56	23 37	0 5	9 53	1 58	23 22	0 38	17 44	1 18	15 25	16 34	22 17	22 3	24 2			n.a.
T 21	16 7	23 21	4 9	20 57	1 49	0 34	0 50	28 26	5 52	23 38	0 5	9 54	1 58	23 22	0 38	17 44	1 18	15 25	16 34	22 16	22 2	24 4			n.a.
W22	15 49	20 15	4 40	20 31	1 51	1 6	0 54	28 23	5 48	23 39	0 5	9 56	1 57	23 22	0 38	17 45	1 18	15 26	16 34	22 14	22 2	24 5			n.a.
T 23	15 31	16 9	4 58	20 3	1 52	1 38	0 59	28 19	5 44	23 39	0 5	9 57	1 57	23 23	0 38	17 45	1 18	15 26	16 34	22 12	22 1	24 7			n.a.
F 24	15 12	11 15	5 1	19 33	1 52	2 10	1 3	28 15	5 40	23 40	0 5	9 59	1 57	23 23	0 38	17 46	1 18	15 27	16 35	22 10	22 1	24 8			n.a.
S 25	14 53	5 46	4 48	19 1	1 51	2 41	1 7	28 12	5 36	23 41	0 5	10 0	1 57	23 23	0 38	17 46	1 18	15 27	16 35	22 9	22 0	24 10			n.a.
S 26	14 34	0n 4	4 19	18 28	1 50	3 13	1 12	28 8	5 32	23 42	0 5	10 2	1 57	23 23	0 38	17 47	1 18	15 28	16 35	22 7	22 0	24 11			n.a.
M27	14 14	5 59	3 35	17 54	1 49	3 44	1 16	28 4	5 28	23 42	0 6	10 3	1 56	23 24	0 38	17 47	1 18	15 28	16 35	22 6	21 59	24 13			n.a.
T 28	13 55	11 42	2 38	17 18	1 47	4 16	1 20	27 59	5 24	23 43	0 6	10 5	1 56	23 24	0 38	17 48	1 18	15 29	16 35	22 6	21 59	24 14			n.a.
W29	13 35	16 54	1 31	16 41	1 44	4 47	1 25	27 55	5 20	23 44	0 6	10 7	1 56	23 24	0 38	17 48	1 18	15 30	16 36	22 6	21 58	24 16			n.a.
T 30	13 14	21 14	0 18	16 3	1 41	5 18	1 29	27 51	5 16	23 44	0 6	10 8	1 56	23 24	0 38	17 49	1 18	15 30	16 36	22 6	21 58	24 17			n.a.
F 31	12n54	24n21	0n57	15n24	1n37	5s50	1s33	27s46	5s12	23n45	0n 6	10s10	1n55	23s24	0s38	17s49	1s18	15s31	16s36	22n 6	21n57	24s19			n.a.

Julian Day Number = 1317303.5, Delta T = 07h36m07s
Ecliptic obliquity = 23°49'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'55, Lahiri = -19°13'54 Julian Calendar 1 Aug. 1107 BCE == Greg. Calendar 21 July 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

SEPTEMBER 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 53	27♌26'22	3♋47	25♌20	12♎ 5	17♑51	23♊16	0♏57	16°R31	15°R 1	29°R 5	8°R34	7♊40	18♐46	n.a.	S 1
S 2	22 1 49	28°25'51	18°11	27° 6	13°13	17°56	23°24	1° 1	16♑30	14♒59	29♓ 4	8♊30	7°37	18°53	n.a.	S 2
M 3	22 5 46	29°25'22	2♌36	28°50	14°21	18° 1	23°33	1° 5	16°28	14°58	29° 3	8°23	7°33	18°59	n.a.	M 3
T 4	22 9 42	0♍24'55	16°56	0♍34	15°28	18° 8	23°42	1°10	16°26	14°56	29° 2	8°12	7°30	19° 6	n.a.	T 4
W 5	22 13 39	1°24'31	1♍ 6	2°17	16°35	18°15	23°50	1°14	16°25	14°54	29° 1	8° 1	7°27	19°13	n.a.	W 5
T 6	22 17 36	2°24'09	15° 0	3°59	17°43	18°23	23°59	1°19	16°23	14°53	29° 0	7°48	7°24	19°19	n.a.	T 6
F 7	22 21 32	3°23'48	28°33	5°41	18°50	18°31	24° 7	1°24	16°22	14°51	28°59	7°36	7°21	19°26	n.a.	F 7
S 8	22 25 29	4°23'30	11♎43	7°22	19°57	18°41	24°15	1°28	16°21	14°50	28°58	7°26	7°17	19°33	n.a.	S 8
S 9	22 29 25	5°23'14	24°31	9° 2	21° 4	18°51	24°23	1°33	16°19	14°48	28°57	7°18	7°14	19°39	n.a.	S 9
M10	22 33 22	6°23'00	6♏57	10°42	22°10	19° 1	24°31	1°38	16°18	14°47	28°56	7°13	7°11	19°46	n.a.	M10
T 11	22 37 18	7°22'47	19° 7	12°21	23°17	19°13	24°38	1°43	16°17	14°45	28°55	7°11	7° 8	19°53	n.a.	T 11
W12	22 41 15	8°22'37	1♐ 4	13°59	24°23	19°25	24°46	1°48	16°16	14°44	28°54	7°10	7° 5	19°59	n.a.	W12
T 13	22 45 11	9°22'28	12°54	15°36	25°29	19°38	24°53	1°53	16°14	14°42	28°53	7°10	7° 2	20° 6	n.a.	T 13
F 14	22 49 8	10°22'21	24°42	17°13	26°35	19°51	25° 0	1°58	16°13	14°41	28°52	7° 9	6°58	20°13	n.a.	F 14
S 15	22 53 4	11°22'16	6♑33	18°50	27°41	20° 5	25° 8	2° 3	16°12	14°39	28°51	7° 7	6°55	20°19	n.a.	S 15
S 16	22 57 1	12°22'13	18°34	20°26	28°46	20°20	25°15	2° 9	16°11	14°38	28°50	7° 3	6°52	20°26	n.a.	S 16
M17	23 0 58	13°22'12	0♒48	22° 1	29°52	20°35	25°21	2°14	16°10	14°36	28°49	6°56	6°49	20°32	n.a.	M17
T 18	23 4 54	14°22'12	13°18	23°36	0♏57	20°51	25°28	2°19	16° 9	14°35	28°48	6°46	6°46	20°39	n.a.	T 18
W19	23 8 51	15°22'15	26° 6	25°10	2° 2	21° 7	25°35	2°25	16° 9	14°33	28°46	6°34	6°42	20°46	n.a.	W19
T 20	23 12 47	16°22'19	9♓13	26°43	3° 6	21°24	25°41	2°30	16° 8	14°32	28°45	6°21	6°39	20°52	n.a.	T 20
F 21	23 16 44	17°22'25	22°36	28°16	4°11	21°42	25°47	2°36	16° 7	14°31	28°44	6° 8	6°36	20°59	n.a.	F 21
S 22	23 20 40	18°22'33	6♈14	29°49	5°15	22° 0	25°53	2°42	16° 6	14°29	28°43	5°57	6°33	21° 6	n.a.	S 22
S 23	23 24 37	19°22'44	20° 4	1♎21	6°19	22°18	25°59	2°47	16° 5	14°28	28°42	5°48	6°30	21°12	n.a.	S 23
M24	23 28 33	20°22'56	4♉ 1	2°53	7°22	22°38	26° 5	2°53	16° 5	14°27	28°41	5°42	6°27	21°19	n.a.	M24
T 25	23 32 30	21°23'11	18° 3	4°24	8°26	22°57	26°11	2°59	16° 4	14°26	28°40	5°38	6°23	21°26	n.a.	T 25
W26	23 36 26	22°23'27	2♊ 7	5°55	9°29	23°17	26°16	3° 4	16° 4	14°24	28°39	5°D37	6°20	21°32	n.a.	W26
T 27	23 40 23	23°23'46	16°13	7°25	10°32	23°38	26°21	3°10	16° 3	14°23	28°37	5°R37	6°17	21°39	n.a.	T 27
F 28	23 44 20	24°24'08	0♋18	8°55	11°34	23°59	26°26	3°16	16° 3	14°22	28°36	5°37	6°14	21°46	n.a.	F 28
S 29	23 48 16	25°24'31	14°23	10°24	12°36	24°20	26°31	3°22	16° 2	14°21	28°35	5°36	6°11	21°52	n.a.	S 29
S 30	23 52 13	26♍24'57	28♋26	11♎53	13♏38	24♑42	26♊36	3♏28	16♑ 2	14♒20	28♓34	5♊32	6♊ 8	21♐59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n33	25n55	2n 9	14n45	1n33	6s21	1s37	27s41	5s 7	23n45	0n 6	10s12	1n55	23s25	0s38	17s50	1s18	15s31	16s36	22n 5	21n57	24s20		n.a.
S 2	12 13	25 45	3 13	14 4	1 29	6 51	1 42	27 37	5 3	23 46	0 6	10 13	1 55	23 25	0 38	17 50	1 18	15 32	16 36	22 5	21 56	24 21		n.a.
M 3	11 52	23 52	4 5	13 23	1 25	7 22	1 46	27 32	4 59	23 47	0 7	10 15	1 55	23 25	0 38	17 51	1 18	15 32	16 36	22 4	21 55	24 23		n.a.
T 4	11 30	20 27	4 40	12 42	1 20	7 53	1 50	27 27	4 55	23 47	0 7	10 17	1 55	23 25	0 38	17 51	1 18	15 33	16 37	22 2	21 55	24 24		n.a.
W 5	11 9	15 53	4 58	12 0	1 15	8 23	1 55	27 21	4 51	23 48	0 7	10 19	1 54	23 25	0 38	17 52	1 18	15 33	16 37	22 0	21 54	24 26		n.a.
T 6	10 47	10 34	4 58	11 17	1 10	8 53	1 59	27 16	4 46	23 48	0 7	10 20	1 54	23 25	0 38	17 52	1 18	15 34	16 37	21 58	21 54	24 27		n.a.
F 7	10 25	4 52	4 41	10 34	1 4	9 23	2 3	27 11	4 42	23 49	0 7	10 22	1 54	23 26	0 38	17 53	1 18	15 34	16 37	21 56	21 53	24 29		n.a.
S 8	10 3	0s54	4 9	9 51	0 58	9 53	2 8	27 5	4 38	23 49	0 7	10 24	1 54	23 26	0 37	17 53	1 18	15 35	16 37	21 54	21 53	24 30		n.a.
S 9	9 41	6 28	3 25	9 7	0 53	10 23	2 12	27 0	4 34	23 50	0 7	10 26	1 54	23 26	0 37	17 54	1 18	15 35	16 37	21 53	21 52	24 31		n.a.
M10	9 19	11 39	2 33	8 24	0 47	10 52	2 16	26 54	4 30	23 50	0 7	10 28	1 53	23 26	0 37	17 54	1 18	15 36	16 37	21 52	21 52	24 33		n.a.
T 11	8 56	16 17	1 34	7 40	0 40	11 21	2 20	26 48	4 26	23 51	0 8	10 30	1 53	23 26	0 37	17 54	1 18	15 36	16 37	21 52	21 51	24 34		n.a.
W12	8 34	20 11	0 32	6 56	0 34	11 50	2 24	26 43	4 22	23 51	0 8	10 32	1 53	23 26	0 37	17 55	1 18	15 37	16 38	21 52	21 51	24 36		n.a.
T 13	8 11	23 13	0s30	6 11	0 28	12 18	2 28	26 37	4 18	23 52	0 8	10 34	1 53	23 26	0 37	17 55	1 18	15 37	16 38	21 52	21 50	24 37		n.a.
F 14	7 48	25 15	1 31	5 27	0 21	12 47	2 33	26 31	4 14	23 52	0 8	10 36	1 53	23 27	0 37	17 56	1 18	15 38	16 38	21 51	21 50	24 38		n.a.
S 15	7 25	26 8	2 29	4 43	0 15	13 15	2 37	26 25	4 10	23 52	0 8	10 38	1 52	23 27	0 37	17 56	1 18	15 38	16 38	21 51	21 49	24 40		n.a.
S 16	7 2	25 49	3 20	3 59	0 8	13 42	2 41	26 18	4 6	23 53	0 8	10 40	1 52	23 27	0 37	17 57	1 18	15 39	16 38	21 50	21 49	24 41		n.a.
M17	6 38	24 16	4 4	3 15	0 2	14 10	2 44	26 12	4 2	23 53	0 8	10 42	1 52	23 27	0 37	17 57	1 18	15 39	16 38	21 49	21 48	24 42		n.a.
T 18	6 15	21 30	4 36	2 30	0s 5	14 37	2 48	26 6	3 58	23 54	0 9	10 44	1 52	23 27	0 37	17 57	1 18	15 40	16 38	21 48	21 47	24 44		n.a.
W19	5 51	17 38	4 56	1 46	0 12	15 3	2 52	25 59	3 54	23 54	0 9	10 46	1 52	23 27	0 37	17 58	1 17	15 40	16 38	21 45	21 47	24 45		n.a.
T 20	5 28	12 52	5 0	1 3	0 18	15 30	2 56	25 53	3 50	23 54	0 9	10 48	1 52	23 27	0 37	17 58	1 17	15 41	16 38	21 43	21 46	24 46		n.a.
F 21	5 4	7 23	4 48	0 19	0 25	15 56	3 0	25 46	3 46	23 55	0 9	10 50	1 51	23 27	0 37	17 59	1 17	15 41	16 38	21 41	21 46	24 48		n.a.
S 22	4 40	1 27	4 20	0s25	0 32	16 21	3 3	25 39	3 43	23 55	0 9	10 52	1 51	23 27	0 37	17 59	1 17	15 42	16 38	21 39	21 45	24 49		n.a.
S 23	4 16	4n38	3 36	1 8	0 38	16 46	3 7	25 33	3 39	23 55	0 9	10 54	1 51	23 27	0 37	17 59	1 17	15 42	16 38	21 37	21 45	24 50		n.a.
M24	3 52	10 34	2 39	1 51	0 45	17 11	3 10	25 26	3 35	23 56	0 10	10 56	1 51	23 27	0 37	18 0	1 17	15 43	16 38	21 36	21 44	24 52		n.a.
T 25	3 28	16 1	1 32	2 34	0 52	17 36	3 14	25 19	3 32	23 56	0 10	10 58	1 51	23 27	0 37	18 0	1 17	15 43	16 38	21 36	21 44	24 53		n.a.
W26	3 4	20 37	0 19	3 16	0 58	18 0	3 17	25 12	3 28	23 56	0 10	11 0	1 51	23 27	0 37	18 0	1 17	15 44	16 38	21 35	21 43	24 54		n.a.
T 27	2 40	24 2	0n56	3 58	1 5	18 23	3 20	25 4	3 24	23 57	0 10	11 3	1 50	23 27	0 37	18 1	1 17	15 44	16 38	21 35	21 42	24 55		n.a.
F 28	2 16	25 57	2 7	4 40	1 11	18 46	3 24	24 57	3 21	23 57	0 10	11 5	1 50	23 28	0 37	18 1	1 17	15 45	16 38	21 35	21 42	24 57		n.a.
S 29	1 51	26 12	3 10	5 22	1 17	19 9	3 27	24 50	3 17	23 57	0 10	11 7	1 50	23 28	0 37	18 1	1 17	15 45	16 38	21 35	21 41	24 58		n.a.
S 30	1n27	24n45	4n 2	6s 3	1s23	19s31	3s30	24s42	3s14	23n57	0n10	11s 9	1n50	23s28	0s37	18s 2	1s17	15s46	16s38	21n35	21n41	24s59		n.a.

Julian Day Number = 1317334.5, Delta T = 07h36m05s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'50, Lahiri = -19°13'50 Julian Calendar 1 Sept. 1107 BCE == Greg. Calendar 21 Aug. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

OCTOBER 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 56 9	27♍25'24	12♌26	13♎21	14♏40	25♑ 4	26♊41	3♏34	16°R 2	14°R19	28°R33	5°R26	6♊ 4	22♐ 6	n.a.	M 1
T 2	0 0 6	28°25'54	26°19	14°49	15°41	25°27	26°45	3°40	16♑ 1	14♒17	28♓32	5♊17	6° 1	22°12	n.a.	T 2
W 3	0 4 2	29°26'25	10♍ 2	16°16	16°42	25°50	26°49	3°47	16° 1	14°16	28°31	5° 6	5°58	22°19	n.a.	W 3
T 4	0 7 59	0♎26'59	23°33	17°43	17°43	26°14	26°54	3°53	16° 1	14°15	28°30	4°54	5°55	22°26	n.a.	T 4
F 5	0 11 55	1°27'33	6♎48	19° 9	18°43	26°38	26°57	3°59	16° 1	14°14	28°28	4°43	5°52	22°32	n.a.	F 5
S 6	0 15 52	2°28'10	19°46	20°34	19°43	27° 2	27° 1	4° 5	16°D 1	14°13	28°27	4°34	5°48	22°39	n.a.	S 6
S 7	0 19 49	3°28'48	2♏25	21°59	20°42	27°27	27° 5	4°12	16° 1	14°12	28°26	4°26	5°45	22°45	n.a.	S 7
M 8	0 23 45	4°29'28	14°48	23°23	21°41	27°52	27° 8	4°18	16° 1	14°11	28°25	4°22	5°42	22°52	n.a.	M 8
T 9	0 27 42	5°30'09	26°55	24°46	22°40	28°18	27°11	4°24	16° 1	14°10	28°24	4°20	5°39	22°59	n.a.	T 9
W10	0 31 38	6°30'52	8♐51	26° 8	23°38	28°44	27°14	4°31	16° 1	14°10	28°23	4°D19	5°36	23° 5	n.a.	W10
T 11	0 35 35	7°31'36	20°41	27°29	24°35	29°10	27°17	4°37	16° 1	14° 9	28°22	4°20	5°33	23°12	n.a.	T 11
F 12	0 39 31	8°32'22	2♑28	28°49	25°32	29°36	27°20	4°44	16° 2	14° 8	28°20	4°21	5°29	23°19	n.a.	F 12
S 13	0 43 28	9°33'08	14°20	0♏ 7	26°29	0♒ 3	27°22	4°50	16° 2	14° 7	28°19	4°R21	5°26	23°25	n.a.	S 13
S 14	0 47 24	10°33'56	26°20	1°24	27°25	0°30	27°24	4°57	16° 2	14° 6	28°18	4°20	5°23	23°32	n.a.	S 14
M15	0 51 21	11°34'45	8♒35	2°39	28°21	0°58	27°26	5° 4	16° 3	14° 6	28°17	4°16	5°20	23°39	n.a.	M15
T 16	0 55 18	12°35'35	21° 8	3°53	29°16	1°26	27°28	5°10	16° 3	14° 5	28°16	4°10	5°17	23°45	n.a.	T 16
W17	0 59 14	13°36'26	4♓ 3	5° 4	0♐10	1°54	27°30	5°17	16° 4	14° 4	28°15	4° 3	5°13	23°52	n.a.	W17
T 18	1 3 11	14°37'18	17°21	6°12	1° 4	2°22	27°31	5°24	16° 4	14° 4	28°14	3°54	5°10	23°59	n.a.	T 18
F 19	1 7 7	15°38'12	1♈ 1	7°18	1°57	2°51	27°33	5°30	16° 5	14° 3	28°13	3°45	5° 7	24° 5	n.a.	F 19
S 20	1 11 4	16°39'06	15° 0	8°20	2°49	3°20	27°34	5°37	16° 6	14° 2	28°12	3°37	5° 4	24°12	n.a.	S 20
S 21	1 15 0	17°40'02	29°16	9°18	3°41	3°49	27°35	5°44	16° 6	14° 2	28°11	3°31	5° 1	24°19	n.a.	S 21
M22	1 18 57	18°41'00	13♉41	10°13	4°32	4°18	27°35	5°50	16° 7	14° 1	28°10	3°27	4°58	24°25	n.a.	M22
T 23	1 22 53	19°41'58	28°10	11° 2	5°22	4°48	27°36	5°57	16° 8	14° 1	28° 9	3°D26	4°54	24°32	n.a.	T 23
W24	1 26 50	20°42'58	12♊37	11°46	6°11	5°18	27°36	6° 4	16° 9	14° 1	28° 7	3°26	4°51	24°39	n.a.	W24
T 25	1 30 47	21°44'00	27° 0	12°23	7° 0	5°48	27°R36	6°11	16°10	14° 0	28° 6	3°27	4°48	24°45	n.a.	T 25
F 26	1 34 43	22°45'03	11♋14	12°54	7°47	6°18	27°36	6°18	16°11	14° 0	28° 5	3°28	4°45	24°52	n.a.	F 26
S 27	1 38 40	23°46'07	25°18	13°17	8°34	6°49	27°36	6°25	16°12	13°59	28° 4	3°R29	4°42	24°59	n.a.	S 27
S 28	1 42 36	24°47'12	9♌11	13°31	9°20	7°19	27°35	6°32	16°13	13°59	28° 3	3°28	4°39	25° 5	n.a.	S 28
M29	1 46 33	25°48'19	22°53	13°R35	10° 5	7°50	27°35	6°39	16°14	13°59	28° 2	3°25	4°35	25°12	n.a.	M29
T 30	1 50 29	26°49'27	6♍23	13°30	10°49	8°22	27°34	6°45	16°15	13°59	28° 1	3°21	4°32	25°19	n.a.	T 30
W31	1 54 26	27♎50'36	19♍41	13♏13	11♐31	8♒53	27♊33	6♏52	16♑16	13♒58	28♓ 0	3♊15	4♊29	25♐25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n 2	21n48	4n39	6s43	1s29	19s53	3s33	24s35	3s10	23n58	0n11	11s11	1n50	23s28	0s37	18s 2	1s17	15s46	16s38	21n33	21n40	25s 1			n.a.
T 2	0 38	17 37	4 59	7 23	1 35	20 14	3 35	24 27	3 7	23 58	0 11	11 14	1 50	23 28	0 37	18 2	1 17	15 47	16 38	21 32	21 40	25 2			n.a.
W 3	0 14	12 34	5 2	8 3	1 41	20 35	3 38	24 20	3 4	23 58	0 11	11 16	1 50	23 28	0 37	18 3	1 17	15 47	16 38	21 30	21 39	25 3			n.a.
T 4	0s11	6 59	4 47	8 42	1 47	20 55	3 41	24 12	3 0	23 59	0 11	11 18	1 49	23 28	0 37	18 3	1 17	15 47	16 38	21 28	21 39	25 4			n.a.
F 5	0 35	1 11	4 17	9 20	1 52	21 14	3 43	24 4	2 57	23 59	0 11	11 20	1 49	23 28	0 37	18 3	1 17	15 48	16 38	21 26	21 38	25 5			n.a.
S 6	1 0	4s33	3 34	9 58	1 57	21 34	3 46	23 56	2 54	23 59	0 11	11 23	1 49	23 28	0 37	18 3	1 17	15 48	16 38	21 24	21 37	25 7			n.a.
S 7	1 24	9 59	2 42	10 35	2 2	21 52	3 48	23 48	2 51	23 59	0 12	11 25	1 49	23 28	0 37	18 4	1 17	15 49	16 38	21 22	21 37	25 8			n.a.
M 8	1 49	14 54	1 43	11 11	2 7	22 10	3 50	23 39	2 47	24 0	0 12	11 27	1 49	23 27	0 37	18 4	1 17	15 49	16 38	21 22	21 36	25 9			n.a.
T 9	2 13	19 9	0 40	11 46	2 11	22 28	3 52	23 31	2 44	24 0	0 12	11 30	1 49	23 27	0 37	18 4	1 17	15 50	16 38	21 21	21 36	25 10			n.a.
W10	2 38	22 32	0s24	12 21	2 15	22 45	3 54	23 23	2 41	24 0	0 12	11 32	1 49	23 27	0 37	18 4	1 17	15 50	16 38	21 21	21 35	25 12			n.a.
T 11	3 2	24 56	1 27	12 54	2 19	23 1	3 55	23 14	2 38	24 0	0 12	11 34	1 49	23 27	0 37	18 5	1 17	15 50	16 38	21 21	21 35	25 13			n.a.
F 12	3 26	26 14	2 25	13 26	2 22	23 17	3 57	23 5	2 35	24 0	0 12	11 36	1 48	23 27	0 37	18 5	1 17	15 51	16 38	21 21	21 34	25 14			n.a.
S 13	3 51	26 19	3 18	13 58	2 25	23 32	3 58	22 57	2 32	24 1	0 13	11 39	1 48	23 27	0 37	18 5	1 17	15 51	16 38	21 21	21 33	25 15			n.a.
S 14	4 15	25 12	4 3	14 27	2 28	23 47	4 0	22 48	2 29	24 1	0 13	11 41	1 48	23 27	0 37	18 5	1 17	15 51	16 38	21 21	21 33	25 16			n.a.
M15	4 39	22 51	4 37	14 56	2 30	24 1	4 1	22 39	2 26	24 1	0 13	11 43	1 48	23 27	0 37	18 6	1 17	15 52	16 38	21 20	21 32	25 17			n.a.
T 16	5 3	19 24	4 59	15 23	2 32	24 15	4 2	22 30	2 24	24 1	0 13	11 46	1 48	23 27	0 37	18 6	1 17	15 52	16 38	21 19	21 32	25 19			n.a.
W17	5 27	14 56	5 7	15 49	2 33	24 27	4 2	22 21	2 21	24 2	0 13	11 48	1 48	23 27	0 37	18 6	1 17	15 52	16 37	21 18	21 31	25 20			n.a.
T 18	5 51	9 39	4 59	16 12	2 33	24 40	4 3	22 11	2 18	24 2	0 13	11 50	1 48	23 27	0 37	18 6	1 17	15 53	16 37	21 16	21 31	25 21			n.a.
F 19	6 15	3 46	4 34	16 34	2 33	24 51	4 3	22 2	2 15	24 2	0 14	11 53	1 48	23 27	0 37	18 6	1 17	15 53	16 37	21 15	21 30	25 22			n.a.
S 20	6 39	2n27	3 51	16 54	2 32	25 2	4 4	21 52	2 13	24 2	0 14	11 55	1 48	23 27	0 36	18 6	1 17	15 53	16 37	21 13	21 29	25 23			n.a.
S 21	7 3	8 41	2 54	17 12	2 30	25 13	4 4	21 43	2 10	24 2	0 14	11 58	1 47	23 26	0 36	18 6	1 17	15 54	16 37	21 12	21 29	25 24			n.a.
M22	7 26	14 32	1 45	17 27	2 27	25 22	4 3	21 33	2 7	24 2	0 14	12 0	1 47	23 26	0 36	18 7	1 17	15 54	16 37	21 11	21 28	25 25			n.a.
T 23	7 50	19 37	0 29	17 39	2 24	25 31	4 3	21 23	2 5	24 3	0 14	12 2	1 47	23 26	0 36	18 7	1 17	15 54	16 37	21 11	21 28	25 27			n.a.
W24	8 13	23 30	0n50	17 49	2 19	25 40	4 2	21 13	2 2	24 3	0 15	12 5	1 47	23 26	0 36	18 7	1 17	15 55	16 37	21 11	21 27	25 28			n.a.
T 25	8 36	25 52	2 4	17 55	2 13	25 48	4 1	21 3	1 59	24 3	0 15	12 7	1 47	23 26	0 36	18 7	1 17	15 55	16 36	21 11	21 26	25 29			n.a.
F 26	8 59	26 31	3 11	17 57	2 6	25 55	4 0	20 53	1 57	24 3	0 15	12 9	1 47	23 26	0 36	18 7	1 17	15 55	16 36	21 11	21 26	25 30			n.a.
S 27	9 22	25 26	4 5	17 56	1 57	26 1	3 59	20 43	1 54	24 3	0 15	12 12	1 47	23 26	0 36	18 7	1 17	15 55	16 36	21 12	21 25	25 31			n.a.
S 28	9 45	22 48	4 44	17 51	1 47	26 7	3 57	20 32	1 52	24 4	0 15	12 14	1 47	23 26	0 36	18 7	1 17	15 56	16 36	21 11	21 25	25 32			n.a.
M29	10 8	18 54	5 6	17 42	1 36	26 12	3 56	20 22	1 50	24 4	0 15	12 16	1 47	23 25	0 36	18 7	1 17	15 56	16 36	21 11	21 24	25 33			n.a.
T 30	10 30	14 6	5 11	17 28	1 23	26 17	3 54	20 11	1 47	24 4	0 16	12 19	1 47	23 25	0 36	18 7	1 16	15 56	16 35	21 10	21 24	25 34			n.a.
W31	10s53	8n42	4n58	17s 9	1s 8	26s21	3s51	20s 1	1s45	24n 4	0n16	12s21	1n47	23s25	0s36	18s 7	1s16	15s56	16s35	21n 9	21n23	25s35			n.a.

Julian Day Number = 1317364.5, Delta T = 07h36m03s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'46, Lahiri = -19°13'46 Julian Calendar 1 Oct. 1107 BCE == Greg. Calendar 20 Sept. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

NOVEMBER 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 22	28♎51'46	2♎46	12°R45	12♐13	9♒25	27°R31	6♏59	16♑18	13°R58	27°R59	3°R 9	4♊26	25♐32	n.a.	T 1
F 2	2 2 19	29°52'57	15°38	12♏ 6	12°54	9°56	27♊30	7° 6	16°19	13♒58	27♓59	3♊ 3	4°23	25°38	n.a.	F 2
S 3	2 6 16	0♏54'09	28°17	11°16	13°33	10°28	27°28	7°13	16°20	13°58	27°58	2°58	4°19	25°45	n.a.	S 3
S 4	2 10 12	1°55'21	10♏42	10°16	14°11	11° 0	27°26	7°20	16°22	13°58	27°57	2°54	4°16	25°52	n.a.	S 4
M 5	2 14 9	2°56'35	22°55	9° 6	14°48	11°33	27°24	7°27	16°23	13°D58	27°56	2°52	4°13	25°58	n.a.	M 5
T 6	2 18 5	3°57'49	4♐57	7°50	15°24	12° 5	27°22	7°34	16°25	13°58	27°55	2°D51	4°10	26° 5	n.a.	T 6
W 7	2 22 2	4°59'03	16°50	6°29	15°58	12°38	27°19	7°41	16°26	13°58	27°54	2°52	4° 7	26°12	n.a.	W 7
T 8	2 25 58	6° 0'18	28°39	5° 6	16°31	13°11	27°17	7°48	16°28	13°58	27°53	2°54	4° 4	26°18	n.a.	T 8
F 9	2 29 55	7° 1'33	10♑26	3°44	17° 2	13°44	27°14	7°55	16°29	13°58	27°52	2°56	4° 0	26°25	n.a.	F 9
S 10	2 33 52	8° 2'49	22°17	2°26	17°31	14°17	27°11	8° 2	16°31	13°58	27°51	2°57	3°57	26°32	n.a.	S 10
S 11	2 37 48	9° 4'05	4♒15	1°14	17°59	14°50	27° 8	8° 9	16°33	13°58	27°51	2°R58	3°54	26°38	n.a.	S 11
M12	2 41 45	10° 5'20	16°27	0°10	18°26	15°24	27° 4	8°16	16°35	13°59	27°50	2°58	3°51	26°45	n.a.	M12
T 13	2 45 41	11° 6'36	28°57	29♎15	18°50	15°57	27° 1	8°23	16°37	13°59	27°49	2°57	3°48	26°52	n.a.	T 13
W14	2 49 38	12° 7'52	11♓49	28°31	19°12	16°31	26°57	8°30	16°38	13°59	27°48	2°55	3°45	26°58	n.a.	W14
T 15	2 53 34	13° 9'08	25° 6	27°57	19°33	17° 5	26°53	8°37	16°40	13°59	27°47	2°52	3°41	27° 5	n.a.	T 15
F 16	2 57 31	14°10'24	8♈49	27°35	19°52	17°39	26°49	8°44	16°42	14° 0	27°47	2°49	3°38	27°12	n.a.	F 16
S 17	3 1 27	15°11'41	22°57	27°23	20° 8	18°13	26°44	8°51	16°44	14° 0	27°46	2°47	3°35	27°18	n.a.	S 17
S 18	3 5 24	16°12'57	7♉28	27°D21	20°23	18°47	26°40	8°58	16°46	14° 1	27°45	2°45	3°32	27°25	n.a.	S 18
M19	3 9 21	17°14'13	22°14	27°28	20°35	19°21	26°35	9° 5	16°48	14° 1	27°45	2°44	3°29	27°32	n.a.	M19
T 20	3 13 17	18°15'30	7♊ 9	27°44	20°45	19°56	26°30	9°12	16°51	14° 2	27°44	2°D44	3°25	27°38	n.a.	T 20
W21	3 17 14	19°16'47	22° 5	28° 8	20°53	20°30	26°25	9°19	16°53	14° 2	27°43	2°44	3°22	27°45	n.a.	W21
T 22	3 21 10	20°18'04	6♋53	28°39	20°58	21° 5	26°20	9°26	16°55	14° 3	27°43	2°45	3°19	27°52	n.a.	T 22
F 23	3 25 7	21°19'21	21°28	29°16	21° 2	21°40	26°15	9°33	16°57	14° 3	27°42	2°46	3°16	27°58	n.a.	F 23
S 24	3 29 3	22°20'39	5♌46	29°59	21°R 2	22°15	26° 9	9°40	16°59	14° 4	27°41	2°47	3°13	28° 5	n.a.	S 24
S 25	3 33 0	23°21'56	19°44	0♏47	21° 0	22°50	26° 4	9°47	17° 2	14° 5	27°41	2°R47	3°10	28°12	n.a.	S 25
M26	3 36 57	24°23'14	3♍22	1°39	20°56	23°25	25°58	9°54	17° 4	14° 5	27°40	2°47	3° 6	28°18	n.a.	M26
T 27	3 40 53	25°24'32	16°40	2°35	20°49	24° 0	25°52	10° 1	17° 7	14° 6	27°40	2°47	3° 3	28°25	n.a.	T 27
W28	3 44 50	26°25'50	29°41	3°35	20°40	24°35	25°46	10° 7	17° 9	14° 7	27°39	2°46	3° 0	28°32	n.a.	W28
T 29	3 48 46	27°27'07	12♎27	4°39	20°28	25°10	25°40	10°14	17°11	14° 7	27°39	2°45	2°57	28°38	n.a.	T 29
F 30	3 52 43	28♏28'25	24♎58	5♏45	20♐13	25♒46	25♊33	10♏21	17♑14	14♒ 8	27♓38	2♊45	2♊54	28♐45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s15	3n 1	4n31	16s45	0s52	26s24	3s49	19s50	1s43	24n 4	0n16	12s24	1n46	23s25	0s36	18s 7	1s16	15s57	16s35	21n 8	21n22	25s36		n.a.
F 2	11 37	2s44	3 50	16 16	0 35	26 27	3 46	19 39	1 40	24 4	0 16	12 26	1 46	23 25	0 36	18 7	1 16	15 57	16 35	21 6	21 22	25 37		n.a.
S 3	11 58	8 16	2 58	15 42	0 16	26 29	3 43	19 28	1 38	24 5	0 16	12 28	1 46	23 24	0 36	18 7	1 16	15 57	16 35	21 5	21 21	25 38		n.a.
S 4	12 20	13 24	1 58	15 4	0n 4	26 30	3 39	19 17	1 36	24 5	0 17	12 31	1 46	23 24	0 36	18 7	1 16	15 57	16 34	21 5	21 21	25 40		n.a.
M 5	12 41	17 56	0 54	14 23	0 24	26 31	3 35	19 6	1 34	24 5	0 17	12 33	1 46	23 24	0 36	18 7	1 16	15 57	16 34	21 4	21 20	25 41		n.a.
T 6	13 3	21 39	0s11	13 38	0 45	26 31	3 31	18 54	1 31	24 5	0 17	12 35	1 46	23 24	0 36	18 7	1 16	15 57	16 34	21 4	21 19	25 42		n.a.
W 7	13 24	24 26	1 16	12 53	1 5	26 30	3 27	18 43	1 29	24 5	0 17	12 38	1 46	23 24	0 36	18 7	1 16	15 58	16 34	21 4	21 19	25 43		n.a.
T 8	13 44	26 6	2 17	12 6	1 25	26 29	3 22	18 31	1 27	24 5	0 17	12 40	1 46	23 23	0 36	18 7	1 16	15 58	16 34	21 5	21 18	25 44		n.a.
F 9	14 5	26 36	3 12	11 22	1 43	26 27	3 17	18 20	1 25	24 5	0 17	12 42	1 46	23 23	0 36	18 7	1 16	15 58	16 33	21 5	21 18	25 45		n.a.
S 10	14 25	25 53	4 0	10 39	1 59	26 24	3 11	18 8	1 23	24 5	0 18	12 45	1 46	23 23	0 36	18 7	1 16	15 58	16 33	21 5	21 17	25 46		n.a.
S 11	14 45	23 59	4 37	10 1	2 14	26 21	3 5	17 56	1 21	24 6	0 18	12 47	1 46	23 23	0 36	18 7	1 16	15 58	16 33	21 6	21 16	25 47		n.a.
M12	15 5	20 57	5 3	9 26	2 26	26 17	2 59	17 44	1 19	24 6	0 18	12 49	1 46	23 22	0 36	18 7	1 16	15 58	16 33	21 6	21 16	25 48		n.a.
T 13	15 24	16 56	5 15	8 58	2 36	26 13	2 53	17 32	1 17	24 6	0 18	12 52	1 46	23 22	0 36	18 7	1 16	15 58	16 32	21 5	21 15	25 49		n.a.
W14	15 43	12 2	5 12	8 34	2 44	26 8	2 46	17 20	1 15	24 6	0 18	12 54	1 46	23 22	0 36	18 7	1 16	15 58	16 32	21 5	21 14	25 50		n.a.
T 15	16 2	6 26	4 52	8 17	2 49	26 2	2 38	17 8	1 13	24 6	0 19	12 56	1 46	23 22	0 36	18 6	1 16	15 58	16 32	21 4	21 14	25 51		n.a.
F 16	16 21	0 22	4 16	8 5	2 53	25 56	2 30	16 55	1 11	24 6	0 19	12 59	1 46	23 21	0 36	18 6	1 16	15 59	16 32	21 4	21 13	25 51		n.a.
S 17	16 39	5n56	3 23	7 59	2 55	25 49	2 22	16 43	1 9	24 6	0 19	13 1	1 46	23 21	0 36	18 6	1 16	15 59	16 31	21 3	21 13	25 52		n.a.
S 18	16 57	12 6	2 15	7 58	2 56	25 41	2 13	16 30	1 7	24 6	0 19	13 3	1 46	23 21	0 36	18 6	1 16	15 59	16 31	21 3	21 12	25 53		n.a.
M19	17 15	17 42	0 58	8 2	2 55	25 33	2 4	16 17	1 5	24 6	0 19	13 5	1 46	23 21	0 36	18 6	1 16	15 59	16 31	21 3	21 11	25 54		n.a.
T 20	17 33	22 16	0n25	8 10	2 52	25 24	1 54	16 5	1 4	24 6	0 20	13 8	1 46	23 20	0 36	18 6	1 16	15 59	16 30	21 3	21 11	25 55		n.a.
W21	17 50	25 20	1 45	8 21	2 49	25 15	1 44	15 52	1 2	24 6	0 20	13 10	1 46	23 20	0 36	18 5	1 16	15 59	16 30	21 3	21 10	25 56		n.a.
T 22	18 7	26 37	2 58	8 36	2 45	25 4	1 34	15 39	1 0	24 6	0 20	13 12	1 46	23 20	0 36	18 5	1 16	15 59	16 30	21 3	21 10	25 57		n.a.
F 23	18 23	26 1	3 59	8 54	2 40	24 54	1 23	15 26	0 58	24 7	0 20	13 14	1 46	23 19	0 36	18 5	1 16	15 59	16 30	21 3	21 9	25 58		n.a.
S 24	18 39	23 42	4 43	9 14	2 34	24 42	1 11	15 13	0 57	24 7	0 20	13 17	1 46	23 19	0 36	18 5	1 16	15 59	16 29	21 3	21 8	25 59		n.a.
S 25	18 55	20 1	5 9	9 37	2 28	24 30	1 0	14 59	0 55	24 7	0 20	13 19	1 46	23 19	0 36	18 5	1 16	15 59	16 29	21 3	21 8	26 0		n.a.
M26	19 10	15 21	5 17	10 2	2 22	24 18	0 47	14 46	0 53	24 7	0 21	13 21	1 46	23 18	0 36	18 4	1 16	15 59	16 29	21 3	21 7	26 1		n.a.
T 27	19 25	10 3	5 8	10 28	2 15	24 5	0 34	14 33	0 52	24 7	0 21	13 23	1 45	23 18	0 36	18 4	1 16	15 58	16 28	21 3	21 6	26 2		n.a.
W28	19 40	4 27	4 43	10 55	2 8	23 51	0 21	14 19	0 50	24 7	0 21	13 25	1 45	23 18	0 36	18 4	1 16	15 58	16 28	21 3	21 6	26 2		n.a.
T 29	19 55	1s15	4 5	11 24	2 0	23 36	0 8	14 6	0 48	24 7	0 21	13 28	1 45	23 17	0 36	18 4	1 15	15 58	16 28	21 3	21 5	26 3		n.a.
F 30	20s 9	6s48	3n15	11s53	1n52	23s22	0n 6	13s52	0s47	24n 6	0n21	13s30	1n45	23s17	0s36	18s 3	1s15	15s58	16s27	21n 3	21n 5	26s 4		n.a.

Julian Day Number = 1317395.5, Delta T = 07h36m02s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'42, Lahiri = -19°13'42 Julian Calendar 1 Nov. 1107 BCE == Greg. Calendar 21 Oct. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1107 BCE
geocentric

DECEMBER 1107 BCE (-1106) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 39	29♏29'43	7♏18	6♏53	19°R57	26♒21	25°R27	10♏28	17♉17	14♒ 9	27°R38	2°R44	2♊51	28♐52	n.a.	S 1
S 2	4 0 36	0♐31'00	19°27	8° 4	19♐37	26°57	25♊20	10°35	17°19	14°10	27♓37	2♊44	2°47	28°58	n.a.	S 2
M 3	4 4 32	1°32'17	1♐28	9°17	19°16	27°33	25°13	10°41	17°22	14°11	27°37	2°D44	2°44	29° 5	n.a.	M 3
T 4	4 8 29	2°33'34	13°23	10°31	18°52	28° 8	25° 7	10°48	17°24	14°12	27°36	2°R44	2°41	29°12	n.a.	T 4
W 5	4 12 26	3°34'50	25°13	11°47	18°26	28°44	25° 0	10°55	17°27	14°13	27°36	2°44	2°38	29°18	n.a.	W 5
T 6	4 16 22	4°36'05	7♉ 1	13° 5	17°58	29°20	24°53	11° 1	17°30	14°14	27°36	2°44	2°35	29°25	n.a.	T 6
F 7	4 20 19	5°37'20	18°50	14°24	17°29	29°56	24°45	11° 8	17°33	14°15	27°35	2°43	2°31	29°32	n.a.	F 7
S 8	4 24 15	6°38'34	0♒41	15°44	16°57	0♓32	24°38	11°14	17°35	14°16	27°35	2°43	2°28	29°38	n.a.	S 8
S 9	4 28 12	7°39'47	12°40	17° 6	16°24	1° 8	24°31	11°21	17°38	14°17	27°35	2°42	2°25	29°45	n.a.	S 9
M10	4 32 8	8°40'59	24°50	18°28	15°50	1°45	24°23	11°27	17°41	14°18	27°34	2°42	2°22	29°52	n.a.	M10
T 11	4 36 5	9°42'10	7♓15	19°51	15°15	2°21	24°16	11°34	17°44	14°20	27°34	2°D42	2°19	29°58	n.a.	T 11
W12	4 40 2	10°43'20	20° 0	21°16	14°39	2°57	24° 8	11°40	17°47	14°21	27°34	2°42	2°16	0♉ 5	n.a.	W12
T 13	4 43 58	11°44'29	3♈ 8	22°41	14° 2	3°34	24° 1	11°47	17°50	14°22	27°34	2°42	2°12	0°12	n.a.	T 13
F 14	4 47 55	12°45'36	16°43	24° 7	13°25	4°10	23°53	11°53	17°53	14°23	27°33	2°43	2° 9	0°18	n.a.	F 14
S 15	4 51 51	13°46'43	0♉45	25°33	12°48	4°46	23°45	11°59	17°56	14°25	27°33	2°44	2° 6	0°25	n.a.	S 15
S 16	4 55 48	14°47'48	15°13	27° 1	12°11	5°23	23°37	12° 6	17°59	14°26	27°33	2°45	2° 3	0°32	n.a.	S 16
M17	4 59 44	15°48'53	0♊ 4	28°29	11°34	6° 0	23°30	12°12	18° 2	14°27	27°33	2°R45	2° 0	0°38	n.a.	M17
T 18	5 3 41	16°49'56	15°11	29°58	10°58	6°36	23°22	12°18	18° 5	14°29	27°33	2°45	1°57	0°45	n.a.	T 18
W19	5 7 37	17°50'58	0♋25	1♐28	10°23	7°13	23°14	12°24	18° 8	14°30	27°33	2°44	1°53	0°52	n.a.	W19
T 20	5 11 34	18°52'00	15°36	2°58	9°50	7°50	23° 6	12°30	18°11	14°32	27°33	2°42	1°50	0°58	n.a.	T 20
F 21	5 15 31	19°53'00	0♌34	4°29	9°18	8°26	22°58	12°37	18°14	14°33	27°33	2°40	1°47	1° 5	n.a.	F 21
S 22	5 19 27	20°53'59	15°12	6° 1	8°47	9° 3	22°50	12°43	18°17	14°35	27°D33	2°38	1°44	1°12	n.a.	S 22
S 23	5 23 24	21°54'58	29°25	7°33	8°18	9°40	22°42	12°49	18°20	14°36	27°33	2°36	1°41	1°18	n.a.	S 23
M24	5 27 20	22°55'55	13♍11	9° 6	7°51	10°17	22°34	12°54	18°23	14°38	27°33	2°35	1°37	1°25	n.a.	M24
T 25	5 31 17	23°56'52	26°31	10°40	7°27	10°54	22°26	13° 0	18°27	14°39	27°33	2°D34	1°34	1°32	n.a.	T 25
W26	5 35 13	24°57'47	9♎27	12°14	7° 4	11°31	22°18	13° 6	18°30	14°41	27°33	2°35	1°31	1°38	n.a.	W26
T 27	5 39 10	25°58'42	22° 3	13°49	6°44	12° 8	22°10	13°12	18°33	14°42	27°33	2°36	1°28	1°45	n.a.	T 27
F 28	5 43 6	26°59'35	4♏23	15°25	6°26	12°45	22° 2	13°18	18°36	14°44	27°33	2°38	1°25	1°52	n.a.	F 28
S 29	5 47 3	28° 0'27	16°29	17° 2	6°11	13°22	21°54	13°23	18°40	14°46	27°33	2°40	1°22	1°58	n.a.	S 29
S 30	5 51 0	29° 1'19	28°27	18°39	5°58	13°59	21°46	13°29	18°43	14°47	27°33	2°R41	1°18	2° 5	n.a.	S 30
M31	5 54 56	0♉ 2'08	10♐19	20♐17	5♐47	14♓36	21♊38	13♏35	18♉46	14♒49	27♓34	2♊41	1♊15	2♉12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s22	12s 1	2n17	12s23	1n45	23s 6	0n20	13s38	0s45	24n 6	0n22	13s32	1n45	23s17	0s36	18s 3	1s15	15s58	16s27	21n 3	21n 4	26s 5		n.a.
S 2	20 35	16 42	1 13	12 54	1 37	22 50	0 35	13 25	0 44	24 6	0 22	13 34	1 45	23 16	0 36	18 3	1 15	15 58	16 27	21 3	21 3	26 6		n.a.
M 3	20 48	20 41	0 7	13 25	1 29	22 34	0 50	13 11	0 42	24 6	0 22	13 36	1 45	23 16	0 36	18 2	1 15	15 58	16 26	21 3	21 3	26 7		n.a.
T 4	21 1	23 45	0s59	13 57	1 21	22 17	1 5	12 57	0 41	24 6	0 22	13 38	1 46	23 16	0 35	18 2	1 15	15 58	16 26	21 3	21 2	26 8		n.a.
W 5	21 13	25 46	2 2	14 28	1 12	21 59	1 20	12 43	0 39	24 6	0 22	13 40	1 46	23 15	0 35	18 2	1 15	15 58	16 26	21 3	21 1	26 8		n.a.
T 6	21 24	26 37	2 59	15 0	1 4	21 41	1 35	12 28	0 38	24 6	0 22	13 42	1 46	23 15	0 35	18 1	1 15	15 57	16 25	21 3	21 1	26 9		n.a.
F 7	21 35	26 16	3 49	15 31	0 56	21 23	1 51	12 14	0 36	24 6	0 23	13 44	1 46	23 15	0 35	18 1	1 15	15 57	16 25	21 3	21 0	26 10		n.a.
S 8	21 46	24 42	4 30	16 3	0 48	21 5	2 6	12 0	0 35	24 6	0 23	13 46	1 46	23 14	0 35	18 1	1 15	15 57	16 25	21 2	21 0	26 11		n.a.
S 9	21 57	22 2	4 58	16 34	0 40	20 46	2 22	11 46	0 33	24 6	0 23	13 49	1 46	23 14	0 35	18 0	1 15	15 57	16 24	21 2	20 59	26 12		n.a.
M10	22 6	18 23	5 15	17 5	0 32	20 27	2 37	11 31	0 32	24 6	0 23	13 51	1 46	23 13	0 35	18 0	1 15	15 57	16 24	21 2	20 58	26 12		n.a.
T 11	22 16	13 52	5 17	17 36	0 25	20 8	2 52	11 17	0 30	24 5	0 23	13 53	1 46	23 13	0 35	18 0	1 15	15 56	16 24	21 2	20 58	26 13		n.a.
W12	22 25	8 39	5 3	18 6	0 17	19 50	3 7	11 2	0 29	24 5	0 24	13 54	1 46	23 13	0 35	17 59	1 15	15 56	16 23	21 2	20 57	26 14		n.a.
T 13	22 34	2 55	4 34	18 36	0 9	19 31	3 22	10 48	0 28	24 5	0 24	13 56	1 46	23 12	0 35	17 59	1 15	15 56	16 23	21 2	20 56	26 15		n.a.
F 14	22 42	3n10	3 49	19 5	0 2	19 12	3 36	10 33	0 26	24 5	0 24	13 58	1 46	23 12	0 35	17 58	1 15	15 56	16 23	21 3	20 56	26 16		n.a.
S 15	22 49	9 18	2 48	19 33	0s 6	18 54	3 50	10 18	0 25	24 5	0 24	14 0	1 46	23 11	0 35	17 58	1 15	15 56	16 22	21 3	20 55	26 16		n.a.
S 16	22 57	15 8	1 36	20 1	0 13	18 36	4 3	10 3	0 24	24 4	0 24	14 2	1 46	23 11	0 35	17 58	1 15	15 55	16 22	21 3	20 54	26 17		n.a.
M17	23 3	20 15	0 15	20 28	0 20	18 18	4 16	9 48	0 22	24 4	0 24	14 4	1 46	23 10	0 35	17 57	1 15	15 55	16 22	21 3	20 54	26 18		n.a.
T 18	23 10	24 7	1n 8	20 55	0 27	18 1	4 28	9 33	0 21	24 4	0 24	14 6	1 46	23 10	0 35	17 57	1 15	15 55	16 21	21 3	20 53	26 19		n.a.
W19	23 16	26 17	2 27	21 20	0 34	17 45	4 40	9 19	0 20	24 4	0 25	14 8	1 46	23 10	0 35	17 56	1 15	15 54	16 21	21 3	20 53	26 19		n.a.
T 20	23 21	26 28	3 36	21 45	0 40	17 29	4 51	9 3	0 19	24 3	0 25	14 10	1 46	23 9	0 35	17 56	1 15	15 54	16 21	21 2	20 52	26 20		n.a.
F 21	23 26	24 43	4 28	22 9	0 47	17 14	5 1	8 48	0 17	24 3	0 25	14 11	1 46	23 9	0 35	17 55	1 15	15 54	16 20	21 2	20 51	26 21		n.a.
S 22	23 31	21 20	5 2	22 32	0 53	17 0	5 11	8 33	0 16	24 3	0 25	14 13	1 46	23 8	0 35	17 55	1 15	15 54	16 20	21 1	20 51	26 21		n.a.
S 23	23 35	16 46	5 15	22 54	0 59	16 47	5 20	8 18	0 15	24 3	0 25	14 15	1 46	23 8	0 35	17 54	1 15	15 53	16 20	21 1	20 50	26 22		n.a.
M24	23 38	11 28	5 11	23 14	1 5	16 35	5 28	8 3	0 14	24 2	0 25	14 17	1 46	23 7	0 35	17 54	1 15	15 53	16 19	21 1	20 49	26 23		n.a.
T 25	23 41	5 49	4 49	23 34	1 10	16 24	5 35	7 48	0 13	24 2	0 26	14 19	1 46	23 7	0 35	17 53	1 15	15 53	16 19	21 1	20 49	26 24		n.a.
W26	23 44	0 4	4 13	23 53	1 16	16 14	5 42	7 32	0 12	24 2	0 26	14 20	1 46	23 7	0 35	17 53	1 15	15 52	16 18	21 1	20 48	26 24		n.a.
T 27	23 46	5s33	3 26	24 10	1 21	16 4	5 48	7 17	0 10	24 1	0 26	14 22	1 46	23 6	0 35	17 52	1 15	15 52	16 18	21 1	20 47	26 25		n.a.
F 28	23 48	10 50	2 30	24 26	1 26	15 56	5 53	7 1	0 9	24 1	0 26	14 24	1 46	23 6	0 35	17 52	1 15	15 51	16 18	21 2	20 47	26 26		n.a.
S 29	23 49	15 38	1 28	24 41	1 30	15 49	5 57	6 46	0 8	24 1	0 26	14 25	1 46	23 5	0 35	17 51	1 15	15 51	16 17	21 2	20 46	26 26		n.a.
S 30	23 49	19 46	0 23	24 54	1 35	15 43	6 1	6 30	0 7	24 0	0 26	14 27	1 47	23 5	0 35	17 51	1 15	15 51	16 17	21 2	20 45	26 27		n.a.
M31	23s50	23s 3	0s42	25s 6	1s39	15s38	6n 5	6s15	0s 6	24n 0	0n26	14s29	1n47	23s 4	0s35	17s50	1s15	15s50	16s17	21n 2	20n45	26s28		n.a.

Julian Day Number = 1317425.5, Delta T = 07h36m00s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'38, Lahiri = -19°13'38 Julian Calendar 1 Dec. 1107 BCE == Greg. Calendar 20 Nov. 1107 BCE

The year -1106 astronomical counting style corresponds to year 1107 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

JANUARY 1106 BCE (-1105) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 53	1♉ 2'57	22♐ 8	21♐56	5°R39	15♓13	21°R30	13♏40	18♉49	14♒51	27♓34	2°R39	1♊12	2♉18	n.a.	T 1
W 2	6 2 49	2° 3'44	3♉57	23°36	5♐34	15°51	21♊22	13°45	18°53	14°53	27°34	2♊36	1° 9	2°25	n.a.	W 2
T 3	6 6 46	3° 4'29	15°46	25°16	5°31	16°28	21°15	13°51	18°56	14°54	27°34	2°31	1° 6	2°32	n.a.	T 3
F 4	6 10 42	4° 5'13	27°38	26°57	5°D30	17° 5	21° 7	13°56	18°59	14°56	27°34	2°25	1° 3	2°38	n.a.	F 4
S 5	6 14 39	5° 5'56	9♒35	28°40	5°32	17°42	20°59	14° 1	19° 3	14°58	27°35	2°19	0°59	2°45	n.a.	S 5
S 6	6 18 36	6° 6'36	21°40	0♉23	5°37	18°20	20°52	14° 7	19° 6	15° 0	27°35	2°13	0°56	2°52	n.a.	S 6
M 7	6 22 32	7° 7'15	3♓53	2° 6	5°43	18°57	20°44	14°12	19°10	15° 2	27°35	2° 8	0°53	2°58	n.a.	M 7
T 8	6 26 29	8° 7'51	16°19	3°51	5°52	19°35	20°37	14°17	19°13	15° 4	27°36	2° 4	0°50	3° 5	n.a.	T 8
W 9	6 30 25	9° 8'26	29° 1	5°36	6° 3	20°12	20°30	14°22	19°16	15° 6	27°36	2° 2	0°47	3°12	n.a.	W 9
T 10	6 34 22	10° 8'58	12♈ 2	7°23	6°16	20°49	20°23	14°27	19°20	15° 7	27°37	2°D 1	0°43	3°18	n.a.	T 10
F 11	6 38 18	11° 9'29	25°25	9°10	6°31	21°27	20°15	14°32	19°23	15° 9	27°37	2° 2	0°40	3°25	n.a.	F 11
S 12	6 42 15	12° 9'58	9♉14	10°58	6°49	22° 4	20° 8	14°36	19°27	15°11	27°37	2° 4	0°37	3°32	n.a.	S 12
S 13	6 46 11	13°10'24	23°28	12°47	7° 8	22°42	20° 2	14°41	19°30	15°13	27°38	2° 5	0°34	3°38	n.a.	S 13
M14	6 50 8	14°10'49	8♊ 7	14°37	7°29	23°19	19°55	14°46	19°34	15°15	27°38	2°R 5	0°31	3°45	n.a.	M14
T 15	6 54 5	15°11'12	23° 6	16°28	7°52	23°57	19°48	14°50	19°37	15°17	27°39	2° 3	0°28	3°52	n.a.	T 15
W16	6 58 1	16°11'32	8♋19	18°19	8°17	24°34	19°42	14°55	19°40	15°19	27°39	1°59	0°24	3°58	n.a.	W16
T 17	7 1 58	17°11'51	23°36	20°11	8°43	25°12	19°35	14°59	19°44	15°21	27°40	1°54	0°21	4° 5	n.a.	T 17
F 18	7 5 54	18°12'08	8♌45	22° 4	9°11	25°49	19°29	15° 4	19°47	15°24	27°40	1°47	0°18	4°12	n.a.	F 18
S 19	7 9 51	19°12'23	23°37	23°58	9°41	26°27	19°23	15° 8	19°51	15°26	27°41	1°39	0°15	4°18	n.a.	S 19
S 20	7 13 47	20°12'36	8♍ 5	25°52	10°12	27° 5	19°17	15°12	19°54	15°28	27°42	1°32	0°12	4°25	n.a.	S 20
M21	7 17 44	21°12'48	22° 3	27°46	10°45	27°42	19°11	15°16	19°58	15°30	27°42	1°27	0° 9	4°32	n.a.	M21
T 22	7 21 40	22°12'57	5♎32	29°41	11°19	28°20	19° 5	15°20	20° 1	15°32	27°43	1°23	0° 5	4°38	n.a.	T 22
W23	7 25 37	23°13'05	18°32	1♒35	11°55	28°57	19° 0	15°24	20° 5	15°34	27°44	1°D22	0° 2	4°45	n.a.	W23
T 24	7 29 34	24°13'12	1♏ 8	3°30	12°32	29°35	18°54	15°28	20° 8	15°36	27°44	1°22	29♉59	4°52	n.a.	T 24
F 25	7 33 30	25°13'16	13°25	5°24	13°10	0♈13	18°49	15°32	20°11	15°38	27°45	1°23	29°56	4°58	n.a.	F 25
S 26	7 37 27	26°13'19	25°27	7°17	13°49	0°50	18°44	15°36	20°15	15°40	27°46	1°R24	29°53	5° 5	n.a.	S 26
S 27	7 41 23	27°13'20	7♐20	9° 9	14°29	1°28	18°39	15°39	20°18	15°43	27°46	1°24	29°49	5°12	n.a.	S 27
M28	7 45 20	28°13'20	19° 8	11° 0	15°11	2° 6	18°34	15°43	20°22	15°45	27°47	1°22	29°46	5°18	n.a.	M28
T 29	7 49 16	29°13'17	0♉55	12°49	15°53	2°43	18°30	15°46	20°25	15°47	27°48	1°18	29°43	5°25	n.a.	T 29
W30	7 53 13	0♒13'13	12°43	14°36	16°37	3°21	18°25	15°50	20°29	15°49	27°49	1°11	29°40	5°32	n.a.	W30
T 31	7 57 9	1♒13'06	24♉37	16♒20	17♐22	3♈59	18♊21	15♏53	20♉32	15♒51	27♓50	1♊ 1	29♉37	5♉38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	25 s20	1 s45	25 s17	1 s42	15 s34	6n 7	5 s59	0 s 5	23n59	0n27	14 s30	1n47	23 s 4	0 s35	17 s50	1 s15	15 s50	16 s16	21n 2	20n44	26 s28			n.a.
W 2	23 49	26 29	2 43	25 26	1 46	15 31	6 9	5 44	0 4	23 59	0 27	14 32	1 47	23 3	0 35	17 49	1 15	15 49	16 16	21 1	20 43	26 29			n.a.
T 3	23 47	26 26	3 34	25 33	1 49	15 29	6 11	5 28	0 3	23 59	0 27	14 33	1 47	23 3	0 35	17 49	1 15	15 49	16 16	21 0	20 43	26 29			n.a.
F 4	23 46	25 9	4 16	25 39	1 52	15 28	6 12	5 12	0 2	23 58	0 27	14 35	1 47	23 2	0 35	17 48	1 15	15 49	16 15	20 59	20 42	26 30			n.a.
S 5	23 44	22 45	4 48	25 43	1 54	15 28	6 12	4 57	0 1	23 58	0 27	14 36	1 47	23 2	0 35	17 48	1 15	15 48	16 15	20 58	20 41	26 31			n.a.
S 6	23 41	19 20	5 6	25 46	1 56	15 29	6 12	4 41	0n 0	23 58	0 27	14 38	1 47	23 1	0 35	17 47	1 14	15 48	16 15	20 57	20 41	26 31			n.a.
M 7	23 38	15 4	5 11	25 46	1 58	15 30	6 12	4 25	0 1	23 57	0 27	14 39	1 47	23 1	0 35	17 46	1 14	15 47	16 14	20 55	20 40	26 32			n.a.
T 8	23 34	10 6	5 2	25 45	1 59	15 33	6 11	4 9	0 2	23 57	0 27	14 41	1 47	23 0	0 35	17 46	1 14	15 47	16 14	20 55	20 39	26 32			n.a.
W 9	23 30	4 38	4 38	25 42	2 0	15 36	6 10	3 54	0 3	23 56	0 28	14 42	1 47	23 0	0 35	17 45	1 14	15 46	16 13	20 54	20 39	26 33			n.a.
T 10	23 26	1n11	3 59	25 37	2 0	15 39	6 8	3 38	0 4	23 56	0 28	14 44	1 47	22 59	0 35	17 45	1 14	15 46	16 13	20 54	20 38	26 34			n.a.
F 11	23 21	7 6	3 6	25 30	2 0	15 44	6 6	3 22	0 5	23 55	0 28	14 45	1 47	22 59	0 35	17 44	1 14	15 45	16 13	20 54	20 37	26 34			n.a.
S 12	23 16	12 54	2 1	25 21	2 0	15 49	6 4	3 6	0 6	23 55	0 28	14 46	1 48	22 58	0 35	17 43	1 14	15 45	16 12	20 55	20 37	26 35			n.a.
S 13	23 10	18 11	0 47	25 10	1 59	15 55	6 1	2 50	0 7	23 55	0 28	14 48	1 48	22 58	0 35	17 43	1 14	15 44	16 12	20 55	20 36	26 35			n.a.
M14	23 4	22 33	0n33	24 57	1 57	16 1	5 58	2 34	0 8	23 54	0 28	14 49	1 48	22 57	0 35	17 42	1 14	15 44	16 12	20 55	20 35	26 36			n.a.
T 15	22 57	25 30	1 52	24 42	1 55	16 8	5 55	2 18	0 9	23 54	0 28	14 50	1 48	22 57	0 35	17 42	1 14	15 43	16 11	20 55	20 35	26 36			n.a.
W16	22 50	26 37	3 3	24 24	1 52	16 15	5 52	2 3	0 10	23 53	0 28	14 51	1 48	22 56	0 35	17 41	1 14	15 43	16 11	20 54	20 34	26 37			n.a.
T 17	22 42	25 42	4 2	24 5	1 49	16 23	5 48	1 47	0 11	23 53	0 28	14 53	1 48	22 56	0 35	17 40	1 14	15 42	16 11	20 53	20 33	26 37			n.a.
F 18	22 34	22 55	4 44	23 43	1 46	16 31	5 44	1 31	0 11	23 53	0 28	14 54	1 48	22 55	0 35	17 40	1 14	15 42	16 10	20 51	20 33	26 38			n.a.
S 19	22 26	18 39	5 5	23 19	1 41	16 39	5 40	1 15	0 12	23 52	0 29	14 55	1 48	22 55	0 35	17 39	1 14	15 41	16 10	20 50	20 32	26 38			n.a.
S 20	22 17	13 23	5 6	22 53	1 36	16 48	5 36	0 59	0 13	23 52	0 29	14 56	1 48	22 54	0 35	17 38	1 14	15 41	16 10	20 48	20 31	26 39			n.a.
M21	22 7	7 36	4 49	22 25	1 31	16 57	5 31	0 43	0 14	23 51	0 29	14 57	1 48	22 54	0 35	17 38	1 14	15 40	16 9	20 47	20 31	26 39			n.a.
T 22	21 58	1 40	4 15	21 55	1 24	17 7	5 27	0 27	0 15	23 51	0 29	14 58	1 49	22 53	0 35	17 37	1 14	15 40	16 9	20 46	20 30	26 40			n.a.
W23	21 48	4 s 9	3 30	21 23	1 17	17 16	5 22	0 11	0 16	23 51	0 29	14 59	1 49	22 53	0 35	17 37	1 14	15 39	16 9	20 46	20 29	26 40			n.a.
T 24	21 37	9 38	2 36	20 49	1 10	17 26	5 17	0n 5	0 16	23 50	0 29	15 0	1 49	22 52	0 35	17 36	1 14	15 39	16 8	20 46	20 29	26 41			n.a.
F 25	21 26	14 36	1 35	20 13	1 1	17 35	5 12	0 21	0 17	23 50	0 29	15 1	1 49	22 52	0 35	17 35	1 14	15 38	16 8	20 46	20 28	26 41			n.a.
S 26	21 15	18 55	0 32	19 35	0 52	17 45	5 7	0 37	0 18	23 49	0 29	15 2	1 49	22 51	0 35	17 35	1 14	15 37	16 8	20 46	20 27	26 42			n.a.
S 27	21 3	22 25	0 s32	18 56	0 42	17 55	5 1	0 53	0 19	23 49	0 29	15 3	1 49	22 51	0 35	17 34	1 14	15 37	16 8	20 46	20 26	26 42			n.a.
M28	20 51	24 56	1 34	18 16	0 32	18 5	4 56	1 9	0 20	23 49	0 29	15 4	1 49	22 50	0 35	17 33	1 14	15 36	16 7	20 46	20 26	26 43			n.a.
T 29	20 39	26 21	2 31	17 34	0 21	18 15	4 50	1 25	0 20	23 48	0 29	15 5	1 49	22 50	0 35	17 33	1 14	15 36	16 7	20 45	20 25	26 43			n.a.
W30	20 26	26 34	3 22	16 52	0 9	18 25	4 45	1 40	0 21	23 48	0 29	15 6	1 49	22 49	0 35	17 32	1 14	15 35	16 7	20 44	20 24	26 44			n.a.
T 31	20 s13	25 s34	4 s 5	16 s 9	0n 3	18 s35	4n39	1n56	0n22	23n48	0n30	15 s 7	1n50	22 s49	0 s35	17 s31	1 s14	15 s34	16 s 6	20n42	20n24	26 s44			n.a.

Julian Day Number = 1317456.5, Delta T = 07h35m59s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'34, Lahiri = -19°13'33 Julian Calendar 1 Jan. 1106 BCE == Greg. Calendar 21 Dec. 1107 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

FEBRUARY 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 1 6	2♒12'57	6♒36	18♒ 0	18♐ 7	4♈36	18°R17	15♏56	20♑35	15♒54	27♓50	0°R50	29♉34	5♑45	n.a.	F 1
S 2	8 5 3	3°12'46	18°43	19°38	18°53	5°14	18♊13	16° 0	20°39	15°56	27°51	0♊38	29°30	5°52	n.a.	S 2
S 3	8 8 59	4°12'33	0♓58	21°10	19°41	5°52	18° 9	16° 3	20°42	15°58	27°52	0°26	29°27	5°58	n.a.	S 3
M 4	8 12 56	5°12'18	13°23	22°38	20°29	6°30	18° 6	16° 6	20°45	16° 0	27°53	0°15	29°24	6° 5	n.a.	M 4
T 5	8 16 52	6°12'00	25°59	24° 1	21°17	7° 7	18° 2	16° 9	20°49	16° 3	27°54	0° 6	29°21	6°12	n.a.	T 5
W 6	8 20 49	7°11'40	8♈47	25°18	22° 7	7°45	17°59	16°11	20°52	16° 5	27°55	0° 0	29°18	6°18	n.a.	W 6
T 7	8 24 45	8°11'18	21°49	26°29	22°57	8°23	17°56	16°14	20°55	16° 7	27°56	29♉57	29°14	6°25	n.a.	T 7
F 8	8 28 42	9°10'53	5♉ 9	27°33	23°48	9° 1	17°53	16°17	20°59	16° 9	27°57	29°D56	29°11	6°32	n.a.	F 8
S 9	8 32 38	10°10'26	18°48	28°30	24°40	9°38	17°51	16°19	21° 2	16°12	27°58	29°56	29° 8	6°38	n.a.	S 9
S 10	8 36 35	11° 9'56	2♊48	29°20	25°32	10°16	17°48	16°22	21° 5	16°14	27°59	29°R56	29° 5	6°45	n.a.	S 10
M11	8 40 31	12° 9'24	17° 9	0♓ 3	26°25	10°54	17°46	16°24	21° 9	16°16	28° 0	29°55	29° 2	6°52	n.a.	M11
T 12	8 44 28	13° 8'49	1♋49	0°37	27°19	11°32	17°44	16°26	21°12	16°18	28° 1	29°52	28°59	6°58	n.a.	T 12
W13	8 48 25	14° 8'12	16°45	1° 4	28°13	12°10	17°42	16°28	21°15	16°21	28° 2	29°46	28°55	7° 5	n.a.	W13
T 14	8 52 21	15° 7'33	1♌48	1°23	29° 7	12°47	17°40	16°30	21°18	16°23	28° 3	29°37	28°52	7°12	n.a.	T 14
F 15	8 56 18	16° 6'51	16°49	1°33	0♑ 2	13°25	17°39	16°32	21°22	16°25	28° 4	29°27	28°49	7°18	n.a.	F 15
S 16	9 0 14	17° 6'07	1♍38	1°R36	0°58	14° 3	17°37	16°34	21°25	16°27	28° 5	29°16	28°46	7°25	n.a.	S 16
S 17	9 4 11	18° 5'21	16° 8	1°32	1°54	14°41	17°36	16°36	21°28	16°30	28° 6	29° 5	28°43	7°32	n.a.	S 17
M18	9 8 7	19° 4'33	0♎11	1°20	2°51	15°18	17°35	16°38	21°31	16°32	28° 7	28°56	28°40	7°38	n.a.	M18
T 19	9 12 4	20° 3'43	13°46	1° 1	3°48	15°56	17°35	16°39	21°34	16°34	28° 8	28°49	28°36	7°45	n.a.	T 19
W20	9 16 0	21° 2'51	26°52	0°35	4°46	16°34	17°34	16°41	21°37	16°37	28° 9	28°45	28°33	7°52	n.a.	W20
T 21	9 19 57	22° 1'57	9♏33	0° 4	5°44	17°12	17°34	16°42	21°40	16°39	28°10	28°43	28°30	7°58	n.a.	T 21
F 22	9 23 54	23° 1'01	21°52	29♒28	6°42	17°49	17°D33	16°43	21°44	16°41	28°11	28°42	28°27	8° 5	n.a.	F 22
S 23	9 27 50	24° 0'04	3♐56	28°47	7°41	18°27	17°33	16°45	21°47	16°43	28°13	28°42	28°24	8°12	n.a.	S 23
S 24	9 31 47	24°59'04	15°49	28° 3	8°40	19° 5	17°34	16°46	21°50	16°46	28°14	28°42	28°20	8°19	n.a.	S 24
M25	9 35 43	25°58'03	27°37	27°16	9°40	19°43	17°34	16°47	21°53	16°48	28°15	28°39	28°17	8°25	n.a.	M25
T 26	9 39 40	26°56'59	9♑25	26°28	10°40	20°20	17°35	16°48	21°56	16°50	28°16	28°34	28°14	8°32	n.a.	T 26
W27	9 43 36	27°55'54	21°17	25°40	11°40	20°58	17°35	16°48	21°59	16°52	28°17	28°26	28°11	8°39	n.a.	W27
T 28	9 47 33	28♒54'47	3♒15	24♒52	12♑41	21♈36	17♊36	16♏49	22♑ 2	16♒55	28♓19	28♉15	28♉ 8	8♑45	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s59	23s23	4s37	15s26	0n16	18s45	4n34	2n12	0n23	23n48	0n30	15s 8	1n50	22s48	0s35	17s31	1s14	15s34	16s 6	20n39	20n23	26s44		n.a.
S 2	19 45	20 9	4 56	14 43	0 29	18 54	4 28	2 28	0 23	23 47	0 30	15 9	1 50	22 48	0 35	17 30	1 14	15 33	16 6	20 37	20 22	26 45		n.a.
S 3	19 31	16 0	5 3	14 0	0 42	19 4	4 22	2 44	0 24	23 47	0 30	15 9	1 50	22 47	0 35	17 29	1 14	15 33	16 5	20 34	20 22	26 45		n.a.
M 4	19 16	11 9	4 55	13 19	0 56	19 13	4 16	3 0	0 25	23 47	0 30	15 10	1 50	22 47	0 35	17 29	1 14	15 32	16 5	20 32	20 21	26 46		n.a.
T 5	19 2	5 47	4 33	12 38	1 10	19 23	4 10	3 16	0 25	23 46	0 30	15 11	1 50	22 46	0 35	17 28	1 14	15 31	16 5	20 30	20 20	26 46		n.a.
W 6	18 46	0 5	3 57	11 59	1 24	19 32	4 4	3 31	0 26	23 46	0 30	15 12	1 50	22 46	0 35	17 27	1 14	15 31	16 5	20 29	20 20	26 46		n.a.
T 7	18 31	5n44	3 8	11 21	1 38	19 40	3 58	3 47	0 27	23 46	0 30	15 12	1 50	22 45	0 35	17 26	1 14	15 30	16 4	20 28	20 19	26 47		n.a.
F 8	18 15	11 27	2 8	10 46	1 52	19 49	3 52	4 3	0 27	23 46	0 30	15 13	1 50	22 45	0 35	17 26	1 14	15 30	16 4	20 28	20 18	26 47		n.a.
S 9	17 59	16 45	0 59	10 13	2 6	19 57	3 46	4 19	0 28	23 46	0 30	15 13	1 51	22 44	0 35	17 25	1 14	15 29	16 4	20 28	20 17	26 48		n.a.
S 10	17 42	21 18	0n15	9 43	2 19	20 5	3 40	4 34	0 29	23 45	0 30	15 14	1 51	22 44	0 35	17 24	1 14	15 28	16 4	20 28	20 17	26 48		n.a.
M11	17 26	24 41	1 30	9 16	2 32	20 13	3 34	4 50	0 29	23 45	0 30	15 15	1 51	22 43	0 35	17 24	1 14	15 28	16 3	20 28	20 16	26 48		n.a.
T 12	17 9	26 29	2 40	8 53	2 44	20 20	3 28	5 5	0 30	23 45	0 30	15 15	1 51	22 43	0 35	17 23	1 14	15 27	16 3	20 27	20 15	26 49		n.a.
W13	16 51	26 25	3 41	8 33	2 55	20 27	3 22	5 21	0 31	23 45	0 30	15 16	1 51	22 42	0 35	17 22	1 14	15 26	16 3	20 26	20 15	26 49		n.a.
T 14	16 34	24 25	4 27	8 16	3 6	20 34	3 15	5 37	0 31	23 45	0 30	15 16	1 51	22 42	0 35	17 22	1 14	15 26	16 3	20 24	20 14	26 49		n.a.
F 15	16 16	20 42	4 54	8 4	3 15	20 40	3 9	5 52	0 32	23 45	0 30	15 17	1 51	22 41	0 36	17 21	1 14	15 25	16 2	20 22	20 13	26 50		n.a.
S 16	15 58	15 44	5 1	7 55	3 23	20 46	3 3	6 8	0 33	23 45	0 30	15 17	1 51	22 41	0 36	17 20	1 14	15 24	16 2	20 19	20 12	26 50		n.a.
S 17	15 39	9 58	4 48	7 50	3 30	20 52	2 57	6 23	0 33	23 45	0 30	15 17	1 52	22 40	0 36	17 20	1 14	15 24	16 2	20 17	20 12	26 50		n.a.
M18	15 21	3 52	4 18	7 49	3 36	20 57	2 51	6 38	0 34	23 45	0 30	15 18	1 52	22 40	0 36	17 19	1 14	15 23	16 2	20 15	20 11	26 50		n.a.
T 19	15 2	2s14	3 34	7 52	3 40	21 2	2 45	6 54	0 34	23 45	0 31	15 18	1 52	22 39	0 36	17 18	1 14	15 22	16 1	20 13	20 10	26 51		n.a.
W20	14 43	8 2	2 40	7 59	3 42	21 6	2 39	7 9	0 35	23 45	0 31	15 18	1 52	22 39	0 36	17 18	1 14	15 22	16 1	20 12	20 10	26 51		n.a.
T 21	14 23	13 20	1 40	8 10	3 43	21 10	2 33	7 24	0 36	23 45	0 31	15 19	1 52	22 38	0 36	17 17	1 14	15 21	16 1	20 12	20 9	26 51		n.a.
F 22	14 4	17 57	0 36	8 23	3 42	21 13	2 27	7 39	0 36	23 45	0 31	15 19	1 52	22 38	0 36	17 16	1 14	15 21	16 1	20 12	20 8	26 51		n.a.
S 23	13 44	21 44	0s28	8 40	3 39	21 16	2 21	7 55	0 37	23 45	0 31	15 19	1 52	22 37	0 36	17 16	1 14	15 20	16 1	20 12	20 8	26 52		n.a.
S 24	13 24	24 32	1 29	9 0	3 34	21 18	2 15	8 10	0 37	23 45	0 31	15 19	1 53	22 37	0 36	17 15	1 14	15 19	16 0	20 12	20 7	26 52		n.a.
M25	13 4	26 15	2 27	9 22	3 28	21 20	2 9	8 25	0 38	23 45	0 31	15 19	1 53	22 36	0 36	17 14	1 14	15 19	16 0	20 11	20 6	26 52		n.a.
T 26	12 44	26 46	3 17	9 46	3 20	21 21	2 3	8 40	0 38	23 45	0 31	15 20	1 53	22 36	0 36	17 13	1 14	15 18	16 0	20 10	20 5	26 52		n.a.
W27	12 23	26 4	4 0	10 11	3 10	21 22	1 57	8 55	0 39	23 45	0 31	15 20	1 53	22 35	0 36	17 13	1 14	15 17	16 0	20 8	20 5	26 53		n.a.
T 28	12s 2	24s 9	4s32	10s38	3n 0	21s22	1n51	9n10	0n39	23n45	0n31	15s20	1n53	22s35	0s36	17s12	1s14	15s17	16s 0	20n 6	20n 4	26s53		n.a.

Julian Day Number = 1317487.5, Delta T = 07h35m57s
Ecliptic obliquity = 23°49'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'30, Lahiri = -19°13'29 Julian Calendar 1 Feb. 1106 BCE == Greg. Calendar 21 Jan. 1106 BCE

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

MARCH 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 51 29	29♒53'37	15♒24	24°R 5	13♉42	22♈14	17♊38	16♏50	22♉ 4	16♒57	28♓20	28°R 3	28♉ 5	8♉52	n.a.	F 1
S 2	9 55 26	0♓52'26	27°42	23♒20	14°43	22°51	17°39	16°50	22° 7	16°59	28°21	27♉49	28° 1	8°59	n.a.	S 2
S 3	9 59 22	1°51'12	10♓13	22°38	15°45	23°29	17°40	16°51	22°10	17° 1	28°22	27°35	27°58	9° 5	n.a.	S 3
M 4	10 3 19	2°49'56	22°54	22° 0	16°47	24° 7	17°42	16°51	22°13	17° 3	28°23	27°23	27°55	9°12	n.a.	M 4
T 5	10 7 16	3°48'38	5♈47	21°25	17°49	24°45	17°44	16°51	22°16	17° 6	28°25	27°12	27°52	9°19	n.a.	T 5
W 6	10 11 12	4°47'18	18°51	20°55	18°51	25°22	17°46	16°51	22°18	17° 8	28°26	27° 5	27°49	9°25	n.a.	W 6
T 7	10 15 9	5°45'55	2♉ 6	20°30	19°54	26° 0	17°48	16°R51	22°21	17°10	28°27	27° 1	27°46	9°32	n.a.	T 7
F 8	10 19 5	6°44'30	15°34	20° 9	20°57	26°38	17°51	16°51	22°24	17°12	28°29	26°59	27°42	9°39	n.a.	F 8
S 9	10 23 2	7°43'03	29°15	19°54	22° 0	27°16	17°53	16°51	22°27	17°14	28°30	26°D59	27°39	9°45	n.a.	S 9
S 10	10 26 58	8°41'34	13♊ 9	19°44	23° 3	27°54	17°56	16°51	22°29	17°16	28°31	26°R59	27°36	9°52	n.a.	S 10
M11	10 30 55	9°40'02	27°18	19°D39	24° 7	28°31	17°59	16°51	22°32	17°19	28°32	26°58	27°33	9°59	n.a.	M11
T 12	10 34 51	10°38'28	11♋40	19°40	25°10	29° 9	18° 2	16°50	22°34	17°21	28°34	26°55	27°30	10° 5	n.a.	T 12
W13	10 38 48	11°36'51	26°13	19°45	26°14	29°47	18° 6	16°50	22°37	17°23	28°35	26°49	27°26	10°12	n.a.	W13
T 14	10 42 45	12°35'13	10♌52	19°56	27°19	0♉24	18° 9	16°49	22°39	17°25	28°36	26°41	27°23	10°19	n.a.	T 14
F 15	10 46 41	13°33'32	25°30	20°11	28°23	1° 2	18°13	16°48	22°42	17°27	28°38	26°31	27°20	10°25	n.a.	F 15
S 16	10 50 38	14°31'49	10♍ 1	20°31	29°28	1°40	18°17	16°47	22°44	17°29	28°39	26°20	27°17	10°32	n.a.	S 16
S 17	10 54 34	15°30'04	24°16	20°56	0♒32	2°18	18°21	16°46	22°47	17°31	28°40	26°10	27°14	10°39	n.a.	S 17
M18	10 58 31	16°28'17	8♎11	21°25	1°37	2°55	18°25	16°45	22°49	17°33	28°42	26° 1	27°11	10°45	n.a.	M18
T 19	11 2 27	17°26'29	21°41	21°58	2°43	3°33	18°29	16°44	22°51	17°35	28°43	25°54	27° 7	10°52	n.a.	T 19
W20	11 6 24	18°24'38	4♏47	22°35	3°48	4°11	18°34	16°43	22°54	17°37	28°44	25°50	27° 4	10°59	n.a.	W20
T 21	11 10 20	19°22'46	17°29	23°16	4°54	4°48	18°38	16°42	22°56	17°39	28°46	25°48	27° 1	11° 6	n.a.	T 21
F 22	11 14 17	20°20'53	29°51	24° 0	5°59	5°26	18°43	16°40	22°58	17°41	28°47	25°D48	26°58	11°12	n.a.	F 22
S 23	11 18 13	21°18'58	11♐58	24°48	7° 5	6° 4	18°48	16°39	23° 0	17°43	28°48	25°48	26°55	11°19	n.a.	S 23
S 24	11 22 10	22°17'01	23°53	25°40	8°11	6°41	18°53	16°37	23° 3	17°45	28°50	25°R48	26°52	11°26	n.a.	S 24
M25	11 26 7	23°15'03	5♉44	26°34	9°17	7°19	18°59	16°36	23° 5	17°47	28°51	25°47	26°48	11°32	n.a.	M25
T 26	11 30 3	24°13'03	17°34	27°32	10°24	7°57	19° 4	16°34	23° 7	17°49	28°53	25°45	26°45	11°39	n.a.	T 26
W27	11 34 0	25°11'02	29°29	28°33	11°30	8°34	19°10	16°32	23° 9	17°51	28°54	25°40	26°42	11°46	n.a.	W27
T 28	11 37 56	26° 9'00	11♒33	29°36	12°37	9°12	19°15	16°30	23°11	17°53	28°55	25°32	26°39	11°52	n.a.	T 28
F 29	11 41 53	27° 6'55	23°49	0♓43	13°43	9°50	19°21	16°28	23°13	17°55	28°57	25°23	26°36	11°59	n.a.	F 29
S 30	11 45 49	28° 4'49	6♓18	1°52	14°50	10°28	19°27	16°26	23°15	17°57	28°58	25°13	26°32	12° 6	n.a.	S 30
S 31	11 49 46	29♓ 2'42	19♓ 3	3♓ 4	15♒57	11♉ 5	19♊34	16♏24	23♉16	17♒58	28♓59	25♉ 3	26♉29	12♉12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s42	21s 8	4s53	11s 5	2n48	21s22	1n45	9n24	0n40	23n45	0n31	15s20	1n53	22s34	0s36	17s11	1s14	15s16	15s59	20n 3	20n 3	26s53		n.a.
S 2	11 20	17 8	5 0	11 32	2 34	21 21	1 39	9 39	0 40	23 45	0 31	15 20	1 53	22 34	0 36	17 11	1 15	15 15	15 59	20 0	20 2	26 53		n.a.
S 3	10 59	12 22	4 53	11 59	2 20	21 20	1 34	9 54	0 41	23 46	0 31	15 20	1 53	22 34	0 36	17 10	1 15	15 15	15 59	19 56	20 2	26 53		n.a.
M 4	10 38	7 0	4 31	12 25	2 6	21 18	1 28	10 8	0 41	23 46	0 31	15 20	1 54	22 33	0 36	17 9	1 15	15 14	15 59	19 54	20 1	26 54		n.a.
T 5	10 16	1 15	3 55	12 51	1 51	21 16	1 22	10 23	0 42	23 46	0 31	15 20	1 54	22 33	0 36	17 9	1 15	15 13	15 59	19 51	20 0	26 54		n.a.
W 6	9 55	4n38	3 7	13 15	1 35	21 13	1 17	10 38	0 42	23 46	0 31	15 20	1 54	22 32	0 36	17 8	1 15	15 13	15 59	19 49	20 0	26 54		n.a.
T 7	9 33	10 25	2 7	13 38	1 19	21 9	1 11	10 52	0 43	23 46	0 31	15 20	1 54	22 32	0 36	17 7	1 15	15 12	15 58	19 48	19 59	26 54		n.a.
F 8	9 11	15 49	1 0	14 0	1 4	21 5	1 6	11 6	0 43	23 47	0 31	15 19	1 54	22 31	0 36	17 7	1 15	15 11	15 58	19 48	19 58	26 54		n.a.
S 9	8 49	20 31	0n12	14 19	0 48	21 0	1 1	11 21	0 44	23 47	0 31	15 19	1 54	22 31	0 36	17 6	1 15	15 11	15 58	19 48	19 57	26 54		n.a.
S 10	8 26	24 9	1 25	14 37	0 33	20 55	0 55	11 35	0 44	23 47	0 31	15 19	1 54	22 31	0 36	17 6	1 15	15 10	15 58	19 48	19 57	26 55		n.a.
M11	8 4	26 21	2 33	14 53	0 17	20 49	0 50	11 49	0 45	23 48	0 31	15 19	1 54	22 30	0 36	17 5	1 15	15 9	15 58	19 48	19 56	26 55		n.a.
T 12	7 42	26 51	3 33	15 7	0 3	20 43	0 45	12 3	0 45	23 48	0 31	15 19	1 55	22 30	0 36	17 4	1 15	15 9	15 58	19 47	19 55	26 55		n.a.
W13	7 19	25 30	4 20	15 19	0s12	20 36	0 40	12 17	0 46	23 48	0 31	15 18	1 55	22 29	0 36	17 4	1 15	15 8	15 58	19 46	19 54	26 55		n.a.
T 14	6 57	22 26	4 50	15 28	0 25	20 28	0 34	12 31	0 46	23 49	0 31	15 18	1 55	22 29	0 36	17 3	1 15	15 8	15 57	19 44	19 54	26 55		n.a.
F 15	6 34	17 56	5 1	15 36	0 38	20 20	0 29	12 45	0 47	23 49	0 31	15 18	1 55	22 29	0 36	17 2	1 15	15 7	15 57	19 42	19 53	26 55		n.a.
S 16	6 11	12 27	4 53	15 41	0 51	20 12	0 25	12 59	0 47	23 49	0 31	15 17	1 55	22 28	0 36	17 2	1 15	15 6	15 57	19 39	19 52	26 55		n.a.
S 17	5 48	6 23	4 26	15 45	1 3	20 3	0 20	13 12	0 47	23 50	0 31	15 17	1 55	22 28	0 36	17 1	1 15	15 6	15 57	19 36	19 52	26 55		n.a.
M18	5 25	0 8	3 44	15 46	1 14	19 53	0 15	13 26	0 48	23 50	0 31	15 17	1 55	22 27	0 36	17 1	1 15	15 5	15 57	19 34	19 51	26 55		n.a.
T 19	5 2	5s57	2 51	15 45	1 25	19 43	0 10	13 39	0 48	23 50	0 31	15 16	1 55	22 27	0 36	17 0	1 15	15 4	15 57	19 33	19 50	26 56		n.a.
W20	4 39	11 37	1 49	15 42	1 35	19 32	0 5	13 53	0 49	23 51	0 31	15 16	1 55	22 27	0 36	16 59	1 15	15 4	15 57	19 32	19 49	26 56		n.a.
T 21	4 16	16 37	0 44	15 37	1 44	19 20	0 1	14 6	0 49	23 51	0 31	15 15	1 56	22 26	0 36	16 59	1 15	15 3	15 57	19 31	19 49	26 56		n.a.
F 22	3 53	20 48	0s22	15 30	1 53	19 8	0s 4	14 19	0 50	23 52	0 31	15 15	1 56	22 26	0 36	16 58	1 15	15 3	15 57	19 31	19 48	26 56		n.a.
S 23	3 30	24 0	1 25	15 21	2 1	18 56	0 8	14 33	0 50	23 52	0 31	15 14	1 56	22 26	0 36	16 58	1 15	15 2	15 57	19 31	19 47	26 56		n.a.
S 24	3 7	26 5	2 24	15 11	2 8	18 43	0 12	14 46	0 50	23 53	0 31	15 14	1 56	22 25	0 36	16 57	1 15	15 1	15 57	19 31	19 46	26 56		n.a.
M25	2 43	26 58	3 16	14 58	2 15	18 29	0 17	14 59	0 51	23 53	0 32	15 13	1 56	22 25	0 36	16 56	1 15	15 1	15 57	19 31	19 46	26 56		n.a.
T 26	2 20	26 37	4 0	14 43	2 21	18 15	0 21	15 11	0 51	23 54	0 32	15 12	1 56	22 25	0 36	16 56	1 15	15 0	15 57	19 30	19 45	26 56		n.a.
W27	1 57	25 3	4 34	14 27	2 26	18 1	0 25	15 24	0 52	23 54	0 32	15 12	1 56	22 24	0 36	16 55	1 15	15 0	15 57	19 29	19 44	26 56		n.a.
T 28	1 33	22 19	4 55	14 8	2 30	17 46	0 29	15 37	0 52	23 55	0 32	15 11	1 56	22 24	0 37	16 55	1 15	14 59	15 56	19 27	19 43	26 56		n.a.
F 29	1 10	18 34	5 4	13 48	2 34	17 30	0 33	15 49	0 52	23 55	0 32	15 10	1 56	22 24	0 37	16 54	1 15	14 58	15 56	19 25	19 43	26 56		n.a.
S 30	0 47	13 57	4 59	13 26	2 38	17 14	0 37	16 2	0 53	23 56	0 32	15 10	1 56	22 23	0 37	16 54	1 15	14 58	15 56	19 23	19 42	26 56		n.a.
S 31	0s23	8s39	4s38	13s 2	2s40	16s57	0s40	16n14	0n53	23n56	0n32	15s 9	1n57	22s23	0s37	16s53	1s15	14s57	15s56	19n20	19n41	26s56		n.a.

Julian Day Number = 1317515.5, Delta T = 07h35m56s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'26, Lahiri = -19°13'25 Julian Calendar 1 March 1106 BCE == Greg. Calendar 18 Feb. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

APRIL 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 53 42	0♈ 0'33	2♈ 3	4♓18	17♒ 4	11♉43	19♊40	16°R21	23♑18	18♒ 0	29♓ 1	24°R54	26♉26	12♑19	n.a.	M 1
T 2	11 57 39	0°58'22	15°17	5°34	18°12	12°21	19°46	16♏19	23°20	18° 2	29° 2	24♉46	26°23	12°26	n.a.	T 2
W 3	12 1 35	1°56'10	28°43	6°53	19°19	12°58	19°53	16°17	23°22	18° 4	29° 3	24°41	26°20	12°32	n.a.	W 3
T 4	12 5 32	2°53'56	12♉20	8°15	20°27	13°36	20° 0	16°14	23°23	18° 5	29° 5	24°38	26°17	12°39	n.a.	T 4
F 5	12 9 29	3°51'40	26° 7	9°38	21°34	14°14	20° 7	16°12	23°25	18° 7	29° 6	24°D38	26°13	12°46	n.a.	F 5
S 6	12 13 25	4°49'23	10♊ 2	11° 4	22°42	14°51	20°14	16° 9	23°27	18° 9	29° 8	24°38	26°10	12°53	n.a.	S 6
S 7	12 17 22	5°47'04	24° 3	12°32	23°50	15°29	20°21	16° 6	23°28	18°11	29° 9	24°39	26° 7	12°59	n.a.	S 7
M 8	12 21 18	6°44'43	8♋11	14° 3	24°57	16° 7	20°28	16° 3	23°30	18°12	29°10	24°R40	26° 4	13° 6	n.a.	M 8
T 9	12 25 15	7°42'20	22°24	15°35	26° 5	16°44	20°36	16° 0	23°31	18°14	29°12	24°39	26° 1	13°13	n.a.	T 9
W10	12 29 11	8°39'56	6♌39	17°10	27°14	17°22	20°43	15°57	23°33	18°16	29°13	24°36	25°57	13°19	n.a.	W10
T 11	12 33 8	9°37'30	20°54	18°47	28°22	18° 0	20°51	15°54	23°34	18°17	29°14	24°31	25°54	13°26	n.a.	T 11
F 12	12 37 4	10°35'02	5♍ 6	20°26	29°30	18°37	20°59	15°51	23°35	18°19	29°16	24°25	25°51	13°33	n.a.	F 12
S 13	12 41 1	11°32'33	19° 9	22° 7	0♓38	19°15	21° 7	15°48	23°37	18°20	29°17	24°19	25°48	13°39	n.a.	S 13
S 14	12 44 58	12°30'02	2♎59	23°50	1°47	19°52	21°15	15°45	23°38	18°22	29°18	24°12	25°45	13°46	n.a.	S 14
M15	12 48 54	13°27'30	16°34	25°36	2°55	20°30	21°23	15°42	23°39	18°23	29°20	24° 6	25°42	13°53	n.a.	M15
T 16	12 52 51	14°24'57	29°49	27°24	4° 4	21° 8	21°31	15°38	23°40	18°25	29°21	24° 2	25°38	13°59	n.a.	T 16
W17	12 56 47	15°22'23	12♏45	29°14	5°13	21°45	21°40	15°35	23°41	18°26	29°22	24° 0	25°35	14° 6	n.a.	W17
T 18	13 0 44	16°19'47	25°23	1♈ 5	6°22	22°23	21°48	15°31	23°43	18°27	29°24	23°D59	25°32	14°13	n.a.	T 18
F 19	13 4 40	17°17'11	7♐43	3° 0	7°30	23° 1	21°57	15°28	23°44	18°29	29°25	24° 0	25°29	14°19	n.a.	F 19
S 20	13 8 37	18°14'34	19°49	4°56	8°39	23°38	22° 6	15°24	23°45	18°30	29°26	24° 2	25°26	14°26	n.a.	S 20
S 21	13 12 33	19°11'56	1♑46	6°54	9°48	24°16	22°14	15°20	23°45	18°32	29°28	24° 3	25°23	14°33	n.a.	S 21
M22	13 16 30	20° 9'17	13°38	8°54	10°58	24°53	22°23	15°17	23°46	18°33	29°29	24° 4	25°19	14°40	n.a.	M22
T 23	13 20 27	21° 6'37	25°30	10°56	12° 7	25°31	22°32	15°13	23°47	18°34	29°30	24°R 5	25°16	14°46	n.a.	T 23
W24	13 24 23	22° 3'57	7♒27	13° 0	13°16	26° 9	22°42	15° 9	23°48	18°35	29°32	24° 3	25°13	14°53	n.a.	W24
T 25	13 28 20	23° 1'16	19°34	15° 5	14°26	26°46	22°51	15° 5	23°49	18°37	29°33	24° 1	25°10	15° 0	n.a.	T 25
F 26	13 32 16	23°58'34	1♓53	17°12	15°35	27°24	23° 0	15° 1	23°49	18°38	29°34	23°57	25° 7	15° 6	n.a.	F 26
S 27	13 36 13	24°55'51	14°30	19°21	16°45	28° 2	23°10	14°57	23°50	18°39	29°35	23°53	25° 3	15°13	n.a.	S 27
S 28	13 40 9	25°53'08	27°25	21°30	17°54	28°39	23°19	14°53	23°51	18°40	29°37	23°48	25° 0	15°20	n.a.	S 28
M29	13 44 6	26°50'24	10♈39	23°41	19° 4	29°17	23°29	14°49	23°51	18°41	29°38	23°44	24°57	15°26	n.a.	M29
T 30	13 48 2	27♈47'39	24♈12	25♈52	20♓14	29♉54	23♊39	14♏45	23♑52	18♒42	29♓39	23♉41	24♉54	15♑33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 0	2s53	4s 3	12s36	2s42	16s40	0s44	16n26	0n53	23n57	0n32	15s 8	1n57	22s23	0s37	16s53	1s15	14s57	15s56	19n18	19n40	26s56		n.a.
T 2	0 24	3n 7	3 15	12 9	2 44	16 23	0 48	16 38	0 54	23 57	0 32	15 8	1 57	22 23	0 37	16 52	1 15	14 56	15 56	19 16	19 40	26 56		n.a.
W 3	0 47	9 6	2 14	11 40	2 45	16 5	0 51	16 50	0 54	23 58	0 32	15 7	1 57	22 22	0 37	16 52	1 15	14 56	15 56	19 15	19 39	26 56		n.a.
T 4	1 10	14 45	1 6	11 9	2 45	15 46	0 55	17 2	0 54	23 58	0 32	15 6	1 57	22 22	0 37	16 51	1 15	14 55	15 56	19 14	19 38	26 56		n.a.
F 5	1 34	19 44	0n 8	10 36	2 44	15 27	0 58	17 14	0 55	23 59	0 32	15 5	1 57	22 22	0 37	16 50	1 16	14 55	15 56	19 14	19 37	26 56		n.a.
S 6	1 57	23 40	1 22	10 2	2 43	15 8	1 1	17 26	0 55	23 59	0 32	15 4	1 57	22 22	0 37	16 50	1 16	14 54	15 56	19 14	19 37	26 55		n.a.
S 7	2 20	26 13	2 32	9 26	2 41	14 48	1 4	17 37	0 55	24 0	0 32	15 3	1 57	22 21	0 37	16 49	1 16	14 53	15 56	19 14	19 36	26 55		n.a.
M 8	2 43	27 7	3 33	8 49	2 39	14 28	1 7	17 49	0 56	24 1	0 32	15 3	1 57	22 21	0 37	16 49	1 16	14 53	15 56	19 15	19 35	26 55		n.a.
T 9	3 6	26 13	4 21	8 10	2 36	14 7	1 10	18 0	0 56	24 1	0 32	15 2	1 57	22 21	0 37	16 49	1 16	14 52	15 56	19 14	19 34	26 55		n.a.
W10	3 29	23 38	4 53	7 29	2 33	13 46	1 13	18 11	0 56	24 2	0 32	15 1	1 57	22 21	0 37	16 48	1 16	14 52	15 56	19 14	19 33	26 55		n.a.
T 11	3 52	19 36	5 8	6 47	2 29	13 25	1 16	18 22	0 57	24 2	0 32	15 0	1 57	22 20	0 37	16 48	1 16	14 51	15 56	19 12	19 33	26 55		n.a.
F 12	4 15	14 29	5 3	6 3	2 24	13 3	1 18	18 33	0 57	24 3	0 32	14 59	1 57	22 20	0 37	16 47	1 16	14 51	15 57	19 11	19 32	26 55		n.a.
S 13	4 38	8 39	4 40	5 18	2 19	12 41	1 21	18 44	0 57	24 3	0 32	14 58	1 58	22 20	0 37	16 47	1 16	14 50	15 57	19 9	19 31	26 55		n.a.
S 14	5 1	2 28	4 1	4 31	2 13	12 18	1 23	18 55	0 58	24 4	0 32	14 57	1 58	22 20	0 37	16 46	1 16	14 50	15 57	19 8	19 30	26 55		n.a.
M15	5 24	3s43	3 9	3 43	2 7	11 56	1 26	19 6	0 58	24 4	0 32	14 56	1 58	22 20	0 37	16 46	1 16	14 49	15 57	19 6	19 30	26 55		n.a.
T 16	5 46	9 36	2 7	2 53	2 0	11 32	1 28	19 16	0 58	24 5	0 32	14 55	1 58	22 20	0 37	16 45	1 16	14 49	15 57	19 5	19 29	26 54		n.a.
W17	6 9	14 57	1 1	2 2	1 53	11 9	1 30	19 26	0 58	24 6	0 32	14 54	1 58	22 19	0 37	16 45	1 16	14 48	15 57	19 5	19 28	26 54		n.a.
T 18	6 31	19 32	0s 8	1 10	1 45	10 45	1 32	19 37	0 59	24 6	0 32	14 53	1 58	22 19	0 37	16 45	1 16	14 48	15 57	19 4	19 27	26 54		n.a.
F 19	6 54	23 10	1 14	0 16	1 37	10 21	1 34	19 47	0 59	24 7	0 32	14 52	1 58	22 19	0 37	16 44	1 16	14 48	15 57	19 5	19 27	26 54		n.a.
S 20	7 16	25 42	2 16	0n39	1 28	9 56	1 36	19 56	0 59	24 7	0 32	14 50	1 58	22 19	0 37	16 44	1 16	14 47	15 57	19 5	19 26	26 54		n.a.
S 21	7 38	27 0	3 11	1 34	1 19	9 31	1 38	20 6	1 0	24 8	0 32	14 49	1 58	22 19	0 37	16 43	1 16	14 47	15 57	19 5	19 25	26 54		n.a.
M22	8 0	27 4	3 58	2 31	1 10	9 6	1 40	20 16	1 0	24 8	0 32	14 48	1 58	22 19	0 37	16 43	1 16	14 46	15 57	19 6	19 24	26 53		n.a.
T 23	8 22	25 53	4 35	3 29	1 0	8 41	1 41	20 25	1 0	24 9	0 32	14 47	1 58	22 19	0 37	16 43	1 16	14 46	15 57	19 6	19 23	26 53		n.a.
W24	8 44	23 31	4 59	4 27	0 50	8 15	1 43	20 35	1 0	24 10	0 32	14 46	1 58	22 18	0 37	16 42	1 16	14 45	15 57	19 5	19 23	26 53		n.a.
T 25	9 5	20 6	5 11	5 26	0 40	7 50	1 44	20 44	1 1	24 10	0 32	14 45	1 58	22 18	0 37	16 42	1 16	14 45	15 57	19 5	19 22	26 53		n.a.
F 26	9 27	15 46	5 9	6 25	0 29	7 23	1 46	20 53	1 1	24 11	0 32	14 44	1 58	22 18	0 38	16 42	1 16	14 44	15 58	19 4	19 21	26 53		n.a.
S 27	9 48	10 41	4 53	7 24	0 19	6 57	1 47	21 2	1 1	24 11	0 32	14 42	1 58	22 18	0 38	16 41	1 16	14 44	15 58	19 3	19 20	26 52		n.a.
S 28	10 10	5 1	4 21	8 24	0 8	6 31	1 48	21 11	1 1	24 12	0 32	14 41	1 58	22 18	0 38	16 41	1 17	14 44	15 58	19 2	19 20	26 52		n.a.
M29	10 31	1n 0	3 34	9 23	0n 3	6 4	1 49	21 19	1 2	24 12	0 32	14 40	1 58	22 18	0 38	16 41	1 17	14 43	15 58	19 1	19 19	26 52		n.a.
T 30	10n51	7n 8	2s35	10n21	0n13	5s37	1s50	21n28	1n 2	24n13	0n32	14s39	1n58	22s18	0s38	16s40	1s17	14s43	15s58	19n 0	19n18	26s52		n.a.

Julian Day Number = 1317546.5, Delta T = 07h35m54s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'22, Lahiri = -19°13'21 Julian Calendar 1 Apr. 1106 BCE == Greg. Calendar 21 March 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

MAY 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 59	28♈44'54	8♉ 1	28♈ 3	21♓23	0♊32	23♊49	14°R41	23♑52	18♒43	29♓40	23°R39	24♉51	15♑40	n.a.	W 1
T 2	13 55 56	29°42'07	22° 4	0♉15	22°33	1°10	23°59	14♏37	23°52	18°44	29°41	23°D38	24°48	15°46	n.a.	T 2
F 3	13 59 52	0♉39'20	6♊16	2°27	23°43	1°47	24° 9	14°33	23°53	18°45	29°43	23♉39	24°44	15°53	n.a.	F 3
S 4	14 3 49	1°36'33	20°34	4°38	24°53	2°25	24°19	14°29	23°53	18°46	29°44	23°40	24°41	16° 0	n.a.	S 4
S 5	14 7 45	2°33'44	4♋54	6°48	26° 3	3° 3	24°29	14°24	23°53	18°47	29°45	23°41	24°38	16° 7	n.a.	S 5
M 6	14 11 42	3°30'54	19°12	8°58	27°13	3°40	24°40	14°20	23°54	18°48	29°46	23°42	24°35	16°13	n.a.	M 6
T 7	14 15 38	4°28'04	3♌26	11° 7	28°23	4°18	24°50	14°16	23°54	18°49	29°47	23°R43	24°32	16°20	n.a.	T 7
W 8	14 19 35	5°25'12	17°33	13°14	29°34	4°56	25° 0	14°12	23°54	18°50	29°49	23°42	24°29	16°27	n.a.	W 8
T 9	14 23 32	6°22'20	1♍33	15°19	0♈44	5°33	25°11	14° 7	23°54	18°51	29°50	23°41	24°25	16°33	n.a.	T 9
F 10	14 27 28	7°19'27	15°21	17°23	1°54	6°11	25°22	14° 3	23°R54	18°51	29°51	23°39	24°22	16°40	n.a.	F 10
S 11	14 31 25	8°16'33	28°58	19°26	3° 4	6°49	25°32	13°59	23°54	18°52	29°52	23°37	24°19	16°47	n.a.	S 11
S 12	14 35 21	9°13'38	12♎22	21°26	4°15	7°26	25°43	13°54	23°54	18°53	29°53	23°36	24°16	16°53	n.a.	S 12
M13	14 39 18	10°10'43	25°32	23°24	5°25	8° 4	25°54	13°50	23°54	18°54	29°54	23°34	24°13	17° 0	n.a.	M13
T 14	14 43 14	11° 7'48	8♏27	25°21	6°36	8°42	26° 5	13°45	23°53	18°54	29°55	23°33	24° 9	17° 7	n.a.	T 14
W15	14 47 11	12° 4'52	21° 7	27°15	7°46	9°19	26°16	13°41	23°53	18°55	29°56	23°D32	24° 6	17°13	n.a.	W15
T 16	14 51 7	13° 1'57	3♐33	29° 7	8°57	9°57	26°27	13°37	23°53	18°55	29°57	23°33	24° 3	17°20	n.a.	T 16
F 17	14 55 4	13°59'01	15°47	0♊57	10° 8	10°34	26°38	13°32	23°53	18°56	29°58	23°33	24° 0	17°27	n.a.	F 17
S 18	14 59 1	14°56'05	27°50	2°44	11°19	11°12	26°50	13°28	23°52	18°57	29°59	23°34	23°57	17°34	n.a.	S 18
S 19	15 2 57	15°53'09	9♑46	4°30	12°29	11°50	27° 1	13°23	23°52	18°57	0♈ 0	23°35	23°54	17°40	n.a.	S 19
M20	15 6 54	16°50'13	21°38	6°13	13°40	12°28	27°12	13°19	23°51	18°58	0° 1	23°36	23°50	17°47	n.a.	M20
T 21	15 10 50	17°47'17	3♒30	7°54	14°51	13° 5	27°24	13°15	23°51	18°58	0° 2	23°36	23°47	17°54	n.a.	T 21
W22	15 14 47	18°44'21	15°27	9°33	16° 2	13°43	27°35	13°10	23°50	18°58	0° 3	23°R36	23°44	18° 0	n.a.	W22
T 23	15 18 43	19°41'25	27°33	11° 9	17°13	14°21	27°47	13° 6	23°50	18°59	0° 4	23°36	23°41	18° 7	n.a.	T 23
F 24	15 22 40	20°38'30	9♓53	12°43	18°24	14°58	27°59	13° 2	23°49	18°59	0° 5	23°36	23°38	18°14	n.a.	F 24
S 25	15 26 36	21°35'35	22°30	14°15	19°36	15°36	28°10	12°57	23°48	18°59	0° 6	23°36	23°34	18°20	n.a.	S 25
S 26	15 30 33	22°32'40	5♈28	15°45	20°47	16°14	28°22	12°53	23°48	19° 0	0° 7	23°36	23°31	18°27	n.a.	S 26
M27	15 34 30	23°29'46	18°49	17°12	21°58	16°51	28°34	12°49	23°47	19° 0	0° 8	23°D36	23°28	18°34	n.a.	M27
T 28	15 38 26	24°26'52	2♉34	18°37	23° 9	17°29	28°46	12°44	23°46	19° 0	0° 9	23°36	23°25	18°41	n.a.	T 28
W29	15 42 23	25°23'58	16°40	20° 0	24°21	18° 7	28°58	12°40	23°45	19° 0	0°10	23°R36	23°22	18°47	n.a.	W29
T 30	15 46 19	26°21'04	1♊ 4	21°20	25°32	18°45	29°10	12°36	23°44	19° 0	0°11	23°36	23°19	18°54	n.a.	T 30
F 31	15 50 16	27♉18'11	15♊42	22♊38	26♈44	19♊22	29♊22	12♏32	23♑43	19♒ 0	0♈11	23♉35	23♉15	19♑ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n12	13n 4	1s25	11n19	0n24	5s10	1s51	21n36	1n 2	24n13	0n32	14s38	1n58	22s18	0s38	16s40	1s17	14s43	15s58	18n59	19n17	26s51			n.a.
T 2	11 33	18 26	0 9	12 16	0 34	4 42	1 52	21 44	1 2	24 14	0 32	14 36	1 58	22 18	0 38	16 40	1 17	14 42	15 58	18 59	19 16	26 51			n.a.
F 3	11 53	22 50	1n 9	13 12	0 44	4 15	1 52	21 53	1 3	24 14	0 33	14 35	1 58	22 18	0 38	16 40	1 17	14 42	15 59	18 59	19 16	26 51			n.a.
S 4	12 13	25 52	2 23	14 6	0 53	3 47	1 53	22 0	1 3	24 15	0 33	14 34	1 58	22 18	0 38	16 39	1 17	14 42	15 59	19 0	19 15	26 51			n.a.
S 5	12 34	27 12	3 28	14 59	1 2	3 19	1 53	22 8	1 3	24 15	0 33	14 33	1 58	22 18	0 38	16 39	1 17	14 41	15 59	19 0	19 14	26 50			n.a.
M 6	12 53	26 43	4 20	15 50	1 11	2 52	1 54	22 16	1 3	24 16	0 33	14 31	1 58	22 18	0 38	16 39	1 17	14 41	15 59	19 0	19 13	26 50			n.a.
T 7	13 13	24 29	4 56	16 39	1 19	2 24	1 54	22 23	1 3	24 16	0 33	14 30	1 58	22 18	0 38	16 39	1 17	14 41	15 59	19 0	19 13	26 50			n.a.
W 8	13 32	20 47	5 13	17 26	1 26	1 55	1 54	22 30	1 4	24 17	0 33	14 29	1 58	22 18	0 38	16 38	1 17	14 40	15 59	19 0	19 12	26 49			n.a.
T 9	13 52	15 57	5 12	18 11	1 33	1 27	1 55	22 37	1 4	24 17	0 33	14 28	1 58	22 18	0 38	16 38	1 17	14 40	15 59	19 0	19 11	26 49			n.a.
F 10	14 11	10 21	4 53	18 53	1 40	0 59	1 55	22 44	1 4	24 17	0 33	14 26	1 58	22 18	0 38	16 38	1 17	14 40	16 0	18 59	19 10	26 49			n.a.
S 11	14 30	4 20	4 17	19 33	1 45	0 30	1 55	22 51	1 4	24 18	0 33	14 25	1 58	22 18	0 38	16 38	1 17	14 39	16 0	18 59	19 9	26 48			n.a.
S 12	14 48	1s47	3 28	20 11	1 50	0 2	1 55	22 58	1 4	24 18	0 33	14 24	1 58	22 18	0 38	16 38	1 17	14 39	16 0	18 58	19 9	26 48			n.a.
M13	15 7	7 43	2 29	20 46	1 54	0n27	1 54	23 4	1 5	24 19	0 33	14 23	1 58	22 18	0 38	16 38	1 17	14 39	16 0	18 58	19 8	26 48			n.a.
T 14	15 25	13 15	1 23	21 19	1 58	0 55	1 54	23 11	1 5	24 19	0 33	14 21	1 58	22 18	0 38	16 37	1 17	14 39	16 0	18 58	19 7	26 47			n.a.
W15	15 43	18 7	0 13	21 49	2 1	1 24	1 54	23 17	1 5	24 19	0 33	14 20	1 58	22 18	0 38	16 37	1 17	14 38	16 1	18 58	19 6	26 47			n.a.
T 16	16 0	22 6	0s55	22 17	2 3	1 52	1 53	23 23	1 5	24 20	0 33	14 19	1 58	22 18	0 38	16 37	1 17	14 38	16 1	18 58	19 5	26 47			n.a.
F 17	16 18	25 3	2 0	22 42	2 4	2 21	1 53	23 28	1 5	24 20	0 33	14 18	1 57	22 18	0 38	16 37	1 18	14 38	16 1	18 58	19 5	26 46			n.a.
S 18	16 35	26 47	2 59	23 5	2 5	2 50	1 52	23 34	1 5	24 20	0 33	14 16	1 57	22 19	0 38	16 37	1 18	14 38	16 1	18 58	19 4	26 46			n.a.
S 19	16 52	27 16	3 49	23 26	2 5	3 18	1 52	23 39	1 6	24 21	0 33	14 15	1 57	22 19	0 38	16 37	1 18	14 37	16 1	18 58	19 3	26 45			n.a.
M20	17 8	26 29	4 29	23 45	2 5	3 47	1 51	23 45	1 6	24 21	0 33	14 14	1 57	22 19	0 38	16 37	1 18	14 37	16 2	18 58	19 2	26 45			n.a.
T 21	17 25	24 30	4 58	24 1	2 4	4 15	1 50	23 50	1 6	24 21	0 33	14 13	1 57	22 19	0 38	16 37	1 18	14 37	16 2	18 59	19 1	26 45			n.a.
W22	17 41	21 27	5 14	24 15	2 2	4 44	1 49	23 55	1 6	24 22	0 33	14 11	1 57	22 19	0 38	16 36	1 18	14 37	16 2	18 59	19 1	26 44			n.a.
T 23	17 57	17 27	5 16	24 27	1 59	5 12	1 48	23 59	1 6	24 22	0 33	14 10	1 57	22 19	0 39	16 36	1 18	14 37	16 2	18 59	19 0	26 44			n.a.
F 24	18 12	12 40	5 4	24 36	1 56	5 41	1 47	24 4	1 6	24 22	0 33	14 9	1 57	22 19	0 39	16 36	1 18	14 36	16 3	18 59	18 59	26 43			n.a.
S 25	18 27	7 16	4 38	24 44	1 52	6 9	1 46	24 8	1 7	24 22	0 33	14 8	1 57	22 20	0 39	16 36	1 18	14 36	16 3	18 59	18 58	26 43			n.a.
S 26	18 42	1 24	3 56	24 50	1 48	6 37	1 45	24 13	1 7	24 22	0 33	14 6	1 57	22 20	0 39	16 36	1 18	14 36	16 3	18 58	18 57	26 42			n.a.
M27	18 57	4n42	3 1	24 55	1 43	7 6	1 44	24 17	1 7	24 23	0 33	14 5	1 57	22 20	0 39	16 36	1 18	14 36	16 3	18 58	18 57	26 42			n.a.
T 28	19 11	10 47	1 54	24 57	1 37	7 34	1 42	24 20	1 7	24 23	0 33	14 4	1 56	22 20	0 39	16 36	1 18	14 36	16 4	18 58	18 56	26 41			n.a.
W29	19 25	16 29	0 38	24 58	1 31	8 1	1 41	24 24	1 7	24 23	0 34	14 3	1 56	22 20	0 39	16 36	1 18	14 36	16 4	18 58	18 55	26 41			n.a.
T 30	19 39	21 23	0n41	24 57	1 25	8 29	1 40	24 28	1 7	24 23	0 34	14 2	1 56	22 20	0 39	16 36	1 18	14 36	16 4	18 58	18 54	26 41			n.a.
F 31	19n53	25n 2	2n 0	24n55	1n17	8n57	1s38	24n31	1n 7	24n23	0n34	14s 0	1n56	22s21	0s39	16s36	1s18	14s36	16s 4	18n58	18n53	26s40			n.a.

Julian Day Number = 1317576.5, Delta T = 07h35m52s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'18, Lahiri = -19°13'17 Julian Calendar 1 May 1106 BCE == Greg. Calendar 20 Apr. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

JUNE 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 12	28♉15'18	0♋26	23♊53	27♈55	20♊ 0	29♊34	12°R28	23°R42	19♒ 1	0♈12	23°R35	23♉12	19♑ 7	n.a.	S 1
S 2	15 58 9	29°12'25	15°10	25° 6	29° 7	20°38	29°46	12♏24	23♑41	19° 1	0°13	23♉35	23° 9	19°14	n.a.	S 2
M 3	16 2 6	0♊ 9'32	29°47	26°16	0♉18	21°16	29°58	12°19	23°40	19°R 1	0°14	23°34	23° 6	19°21	n.a.	M 3
T 4	16 6 2	1° 6'39	14♌12	27°24	1°30	21°54	0♋10	12°15	23°39	19° 1	0°15	23°33	23° 3	19°27	n.a.	T 4
W 5	16 9 59	2° 3'47	28°23	28°28	2°41	22°31	0°23	12°11	23°38	19° 0	0°15	23°D33	23° 0	19°34	n.a.	W 5
T 6	16 13 55	3° 0'54	12♍15	29°30	3°53	23° 9	0°35	12° 7	23°37	19° 0	0°16	23°33	22°56	19°41	n.a.	T 6
F 7	16 17 52	3°58'01	25°51	0♋29	5° 5	23°47	0°47	12° 4	23°35	19° 0	0°17	23°34	22°53	19°48	n.a.	F 7
S 8	16 21 48	4°55'09	9♎ 9	1°25	6°17	24°25	1° 0	12° 0	23°34	19° 0	0°17	23°35	22°50	19°54	n.a.	S 8
S 9	16 25 45	5°52'17	22°11	2°17	7°29	25° 3	1°12	11°56	23°33	19° 0	0°18	23°36	22°47	20° 1	n.a.	S 9
M10	16 29 41	6°49'25	4♏59	3° 7	8°41	25°40	1°25	11°52	23°31	19° 0	0°19	23°37	22°44	20° 8	n.a.	M10
T 11	16 33 38	7°46'34	17°33	3°52	9°52	26°18	1°37	11°48	23°30	18°59	0°19	23°R37	22°40	20°14	n.a.	T 11
W12	16 37 35	8°43'44	29°56	4°35	11° 4	26°56	1°50	11°45	23°28	18°59	0°20	23°37	22°37	20°21	n.a.	W12
T 13	16 41 31	9°40'54	12♐10	5°13	12°17	27°34	2° 2	11°41	23°27	18°59	0°21	23°36	22°34	20°28	n.a.	T 13
F 14	16 45 28	10°38'05	24°14	5°47	13°29	28°12	2°15	11°37	23°25	18°58	0°21	23°35	22°31	20°34	n.a.	F 14
S 15	16 49 24	11°35'16	6♑12	6°18	14°41	28°50	2°28	11°34	23°24	18°58	0°22	23°32	22°28	20°41	n.a.	S 15
S 16	16 53 21	12°32'29	18° 5	6°44	15°53	29°28	2°40	11°30	23°22	18°58	0°22	23°30	22°25	20°48	n.a.	S 16
M17	16 57 17	13°29'42	29°57	7° 6	17° 5	0♋ 6	2°53	11°27	23°21	18°57	0°23	23°26	22°21	20°55	n.a.	M17
T 18	17 1 14	14°26'57	11♒49	7°23	18°17	0°43	3° 6	11°24	23°19	18°57	0°23	23°24	22°18	21° 1	n.a.	T 18
W19	17 5 11	15°24'12	23°45	7°36	19°30	1°21	3°19	11°20	23°17	18°56	0°24	23°21	22°15	21° 8	n.a.	W19
T 20	17 9 7	16°21'29	5♓50	7°44	20°42	1°59	3°32	11°17	23°15	18°56	0°24	23°20	22°12	21°15	n.a.	T 20
F 21	17 13 4	17°18'46	18° 7	7°R46	21°55	2°37	3°44	11°14	23°14	18°55	0°25	23°D19	22° 9	21°21	n.a.	F 21
S 22	17 17 0	18°16'05	0♈41	7°44	23° 7	3°15	3°57	11°11	23°12	18°55	0°25	23°20	22° 6	21°28	n.a.	S 22
S 23	17 20 57	19°13'25	13°36	7°37	24°20	3°53	4°10	11° 8	23°10	18°54	0°26	23°21	22° 2	21°35	n.a.	S 23
M24	17 24 53	20°10'47	26°55	7°24	25°32	4°31	4°23	11° 5	23° 8	18°53	0°26	23°23	21°59	21°42	n.a.	M24
T 25	17 28 50	21° 8'10	10♉41	7° 6	26°45	5° 9	4°36	11° 2	23° 6	18°53	0°26	23°24	21°56	21°48	n.a.	T 25
W26	17 32 46	22° 5'34	24°53	6°44	27°58	5°47	4°49	11° 0	23° 4	18°52	0°27	23°R24	21°53	21°55	n.a.	W26
T 27	17 36 43	23° 2'59	9♊29	6°16	29°10	6°25	5° 2	10°57	23° 2	18°51	0°27	23°24	21°50	22° 2	n.a.	T 27
F 28	17 40 40	24° 0'26	24°23	5°44	0♊23	7° 3	5°15	10°54	23° 0	18°50	0°27	23°21	21°46	22° 8	n.a.	F 28
S 29	17 44 36	24°57'54	9♋29	5° 8	1°36	7°42	5°28	10°52	22°58	18°50	0°28	23°18	21°43	22°15	n.a.	S 29
S 30	17 48 33	25♊55'23	24♋35	4♋28	2♊49	8♋20	5♋41	10♏49	22♑56	18♒49	0♈28	23♉13	21♉40	22♑22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 6	27n 0	3n10	24n51	1n10	9n24	1s37	24n34	1n 8	24n23	0n34	13s59	1n56	22s21	0s39	16s36	1s18	14s35	16s 5	18n58	18n53	26s40		n.a.
S 2	20 18	27 4	4 8	24 46	1 1	9 51	1 35	24 37	1 8	24 23	0 34	13 58	1 56	22 21	0 39	16 36	1 18	14 35	16 5	18 58	18 52	26 39		n.a.
M 3	20 31	25 15	4 50	24 39	0 53	10 19	1 33	24 40	1 8	24 23	0 34	13 57	1 56	22 21	0 39	16 36	1 18	14 35	16 5	18 58	18 51	26 39		n.a.
T 4	20 43	21 48	5 13	24 32	0 43	10 45	1 32	24 42	1 8	24 24	0 34	13 56	1 56	22 21	0 39	16 36	1 18	14 35	16 5	18 58	18 50	26 38		n.a.
W 5	20 55	17 9	5 16	24 23	0 34	11 12	1 30	24 45	1 8	24 24	0 34	13 55	1 56	22 22	0 39	16 37	1 19	14 35	16 6	18 58	18 49	26 37		n.a.
T 6	21 6	11 41	5 0	24 13	0 24	11 38	1 28	24 47	1 8	24 24	0 34	13 54	1 55	22 22	0 39	16 37	1 19	14 35	16 6	18 58	18 48	26 37		n.a.
F 7	21 17	5 46	4 28	24 3	0 13	12 5	1 26	24 49	1 8	24 24	0 34	13 53	1 55	22 22	0 39	16 37	1 19	14 35	16 6	18 58	18 48	26 36		n.a.
S 8	21 28	0s17	3 42	23 51	0 2	12 31	1 24	24 51	1 8	24 24	0 34	13 52	1 55	22 22	0 39	16 37	1 19	14 35	16 6	18 58	18 47	26 36		n.a.
S 9	21 38	6 13	2 45	23 39	0s10	12 56	1 22	24 52	1 9	24 23	0 34	13 50	1 55	22 23	0 39	16 37	1 19	14 35	16 7	18 58	18 46	26 35		n.a.
M10	21 48	11 48	1 41	23 26	0 22	13 22	1 20	24 54	1 9	24 23	0 34	13 49	1 55	22 23	0 39	16 37	1 19	14 35	16 7	18 59	18 45	26 35		n.a.
T 11	21 58	16 49	0 33	23 12	0 34	13 47	1 18	24 55	1 9	24 23	0 34	13 48	1 55	22 23	0 39	16 37	1 19	14 35	16 7	18 59	18 44	26 34		n.a.
W12	22 7	21 2	0s35	22 58	0 47	14 12	1 16	24 56	1 9	24 23	0 34	13 47	1 54	22 24	0 39	16 37	1 19	14 35	16 8	18 59	18 44	26 34		n.a.
T 13	22 16	24 17	1 41	22 44	0 59	14 36	1 14	24 57	1 9	24 23	0 34	13 46	1 54	22 24	0 39	16 37	1 19	14 35	16 8	18 59	18 43	26 33		n.a.
F 14	22 24	26 23	2 41	22 29	1 13	15 0	1 11	24 58	1 9	24 23	0 34	13 46	1 54	22 24	0 39	16 38	1 19	14 35	16 8	18 58	18 42	26 32		n.a.
S 15	22 32	27 14	3 34	22 15	1 26	15 24	1 9	24 58	1 9	24 23	0 34	13 45	1 54	22 24	0 39	16 38	1 19	14 35	16 8	18 58	18 41	26 32		n.a.
S 16	22 40	26 49	4 17	22 0	1 40	15 48	1 7	24 59	1 9	24 23	0 35	13 44	1 54	22 25	0 39	16 38	1 19	14 35	16 9	18 57	18 40	26 31		n.a.
M17	22 47	25 11	4 48	21 45	1 54	16 11	1 5	24 59	1 9	24 22	0 35	13 43	1 54	22 25	0 39	16 38	1 19	14 35	16 9	18 56	18 39	26 31		n.a.
T 18	22 54	22 27	5 8	21 30	2 7	16 33	1 2	24 59	1 9	24 22	0 35	13 42	1 53	22 25	0 39	16 38	1 19	14 35	16 9	18 55	18 39	26 30		n.a.
W19	23 1	18 45	5 14	21 15	2 21	16 56	1 0	24 59	1 9	24 22	0 35	13 41	1 53	22 26	0 39	16 39	1 19	14 35	16 10	18 55	18 38	26 29		n.a.
T 20	23 7	14 16	5 7	21 1	2 35	17 18	0 58	24 58	1 9	24 22	0 35	13 40	1 53	22 26	0 39	16 39	1 19	14 36	16 10	18 54	18 37	26 29		n.a.
F 21	23 13	9 8	4 46	20 47	2 49	17 39	0 55	24 58	1 10	24 21	0 35	13 39	1 53	22 26	0 39	16 39	1 19	14 36	16 10	18 54	18 36	26 28		n.a.
S 22	23 18	3 32	4 10	20 34	3 2	18 0	0 53	24 57	1 10	24 21	0 35	13 39	1 53	22 27	0 39	16 39	1 19	14 36	16 11	18 54	18 35	26 27		n.a.
S 23	23 23	2n22	3 21	20 21	3 15	18 21	0 50	24 56	1 10	24 21	0 35	13 38	1 53	22 27	0 39	16 39	1 19	14 36	16 11	18 55	18 34	26 27		n.a.
M24	23 27	8 22	2 20	20 9	3 28	18 41	0 48	24 55	1 10	24 20	0 35	13 37	1 52	22 27	0 39	16 40	1 20	14 36	16 11	18 55	18 34	26 26		n.a.
T 25	23 32	14 10	1 9	19 58	3 40	19 1	0 45	24 53	1 10	24 20	0 35	13 36	1 52	22 28	0 40	16 40	1 20	14 36	16 11	18 55	18 33	26 25		n.a.
W26	23 35	19 26	0n 8	19 48	3 51	19 20	0 43	24 52	1 10	24 20	0 35	13 36	1 52	22 28	0 40	16 40	1 20	14 36	16 12	18 56	18 32	26 25		n.a.
T 27	23 39	23 40	1 27	19 39	4 2	19 39	0 40	24 50	1 10	24 19	0 35	13 35	1 52	22 28	0 40	16 41	1 20	14 36	16 12	18 55	18 31	26 24		n.a.
F 28	23 41	26 24	2 41	19 31	4 11	19 57	0 37	24 48	1 10	24 19	0 35	13 34	1 52	22 29	0 40	16 41	1 20	14 37	16 12	18 55	18 30	26 23		n.a.
S 29	23 44	27 14	3 45	19 24	4 19	20 15	0 35	24 46	1 10	24 18	0 35	13 34	1 51	22 29	0 40	16 41	1 20	14 37	16 13	18 54	18 29	26 23		n.a.
S 30	23n46	26n 2	4n34	19n19	4s26	20n32	0s32	24n44	1n10	24n18	0n36	13s33	1n51	22s30	0s40	16s41	1s20	14s37	16s13	18n53	18n29	26s22		n.a.

Julian Day Number = 1317607.5, Delta T = 07h35m51s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'13, Lahiri = -19°13'13 Julian Calendar 1 June 1106 BCE == Greg. Calendar 21 May 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

JULY 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 52 29	26♊52'53	9♌33	3°R45	4♊ 2	8♋58	5♋54	10°R47	22°R54	18°R48	0♈28	23°R 9	21♉37	22♏28	n.a.	M 1
T 2	17 56 26	27°50'24	24°16	3♋ 0	5°15	9°36	6° 7	10♏44	22♏52	18♒47	0°28	23♉ 5	21°34	22°35	n.a.	T 2
W 3	18 0 22	28°47'56	8♍36	2°12	6°28	10°14	6°20	10°42	22°50	18°46	0°28	23° 2	21°31	22°42	n.a.	W 3
T 4	18 4 19	29°45'29	22°32	1°24	7°41	10°52	6°33	10°40	22°48	18°45	0°29	23° 0	21°27	22°49	n.a.	T 4
F 5	18 8 16	0♋43'03	6♎ 4	0°35	8°54	11°30	6°46	10°38	22°46	18°44	0°29	23°D 0	21°24	22°55	n.a.	F 5
S 6	18 12 12	1°40'38	19°13	29♊48	10° 7	12° 8	7° 0	10°36	22°44	18°43	0°29	23° 1	21°21	23° 2	n.a.	S 6
S 7	18 16 9	2°38'14	2♏ 2	29° 2	11°20	12°47	7°13	10°34	22°41	18°42	0°29	23° 2	21°18	23° 9	n.a.	S 7
M 8	18 20 5	3°35'51	14°34	28°19	12°33	13°25	7°26	10°32	22°39	18°41	0°29	23° 4	21°15	23°15	n.a.	M 8
T 9	18 24 2	4°33'30	26°54	27°39	13°47	14° 3	7°39	10°31	22°37	18°40	0°29	23°R 4	21°12	23°22	n.a.	T 9
W10	18 27 58	5°31'10	9♐ 3	27° 4	15° 0	14°41	7°52	10°29	22°35	18°39	0°29	23° 3	21° 8	23°29	n.a.	W10
T 11	18 31 55	6°28'52	21° 5	26°34	16°13	15°20	8° 5	10°28	22°32	18°38	0°29	22°59	21° 5	23°36	n.a.	T 11
F 12	18 35 51	7°26'34	3♑ 2	26°10	17°27	15°58	8°18	10°26	22°30	18°37	0°R29	22°54	21° 2	23°42	n.a.	F 12
S 13	18 39 48	8°24'19	14°55	25°53	18°40	16°36	8°31	10°25	22°28	18°36	0°29	22°47	20°59	23°49	n.a.	S 13
S 14	18 43 45	9°22'05	26°47	25°42	19°53	17°14	8°45	10°24	22°26	18°34	0°29	22°38	20°56	23°56	n.a.	S 14
M15	18 47 41	10°19'52	8♒39	25°D39	21° 7	17°53	8°58	10°22	22°23	18°33	0°29	22°29	20°52	24° 2	n.a.	M15
T 16	18 51 38	11°17'42	20°32	25°43	22°21	18°31	9°11	10°21	22°21	18°32	0°29	22°21	20°49	24° 9	n.a.	T 16
W17	18 55 34	12°15'33	2♓31	25°55	23°34	19° 9	9°24	10°20	22°19	18°31	0°29	22°13	20°46	24°16	n.a.	W17
T 18	18 59 31	13°13'26	14°36	26°15	24°48	19°48	9°37	10°19	22°16	18°29	0°29	22° 7	20°43	24°23	n.a.	T 18
F 19	19 3 27	14°11'21	26°52	26°42	26° 1	20°26	9°50	10°19	22°14	18°28	0°29	22° 3	20°40	24°29	n.a.	F 19
S 20	19 7 24	15° 9'18	9♈23	27°18	27°15	21° 5	10° 3	10°18	22°12	18°27	0°29	22° 2	20°37	24°36	n.a.	S 20
S 21	19 11 20	16° 7'16	22°13	28° 1	28°29	21°43	10°17	10°17	22° 9	18°26	0°28	22°D 2	20°33	24°43	n.a.	S 21
M22	19 15 17	17° 5'17	5♉25	28°51	29°43	22°21	10°30	10°17	22° 7	18°24	0°28	22° 3	20°30	24°49	n.a.	M22
T 23	19 19 14	18° 3'20	19° 4	29°49	0♋57	23° 0	10°43	10°16	22° 4	18°23	0°28	22°R 3	20°27	24°56	n.a.	T 23
W24	19 23 10	19° 1'25	3♊11	0♋53	2°11	23°38	10°56	10°16	22° 2	18°21	0°28	22° 3	20°24	25° 3	n.a.	W24
T 25	19 27 7	19°59'33	17°44	2° 4	3°25	24°17	11° 9	10°16	22° 0	18°20	0°27	22° 0	20°21	25° 9	n.a.	T 25
F 26	19 31 3	20°57'42	2♋41	3°21	4°39	24°56	11°22	10°16	21°57	18°19	0°27	21°56	20°18	25°16	n.a.	F 26
S 27	19 35 0	21°55'53	17°54	4°44	5°53	25°34	11°35	10°D16	21°55	18°17	0°27	21°48	20°14	25°23	n.a.	S 27
S 28	19 38 56	22°54'07	3♌13	6°12	7° 7	26°13	11°48	10°16	21°52	18°16	0°27	21°40	20°11	25°30	n.a.	S 28
M29	19 42 53	23°52'22	18°26	7°45	8°21	26°51	12° 1	10°16	21°50	18°14	0°26	21°30	20° 8	25°36	n.a.	M29
T 30	19 46 49	24°50'38	3♍23	9°22	9°35	27°30	12°14	10°16	21°48	18°13	0°26	21°22	20° 5	25°43	n.a.	T 30
W31	19 50 46	25♋48'56	17♍56	11♋ 2	10♋49	28♋ 9	12♋27	10♏17	21♑45	18♒11	0♈25	21♉15	20♉ 2	25♑50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n47	23n 0	5n 3	19n15	4s32	20n49	0s30	24n41	1n10	24n17	0n36	13s33	1n51	22s30	0s40	16s42	1s20	14s37	16s13	18n52	18n28	26s21			n.a.
T 2	23 49	18 32	5 11	19 12	4 35	21 5	0 27	24 38	1 10	24 17	0 36	13 32	1 51	22 30	0 40	16 42	1 20	14 37	16 14	18 51	18 27	26 20			n.a.
W 3	23 49	13 6	5 0	19 11	4 37	21 20	0 24	24 35	1 10	24 16	0 36	13 32	1 51	22 31	0 40	16 42	1 20	14 38	16 14	18 50	18 26	26 20			n.a.
T 4	23 50	7 9	4 31	19 12	4 38	21 35	0 22	24 32	1 10	24 16	0 36	13 31	1 50	22 31	0 40	16 43	1 20	14 38	16 14	18 49	18 25	26 19			n.a.
F 5	23 50	1 2	3 48	19 14	4 36	21 50	0 19	24 29	1 10	24 15	0 36	13 31	1 50	22 31	0 40	16 43	1 20	14 38	16 15	18 49	18 24	26 18			n.a.
S 6	23 49	4s58	2 54	19 17	4 33	22 3	0 16	24 26	1 10	24 14	0 36	13 30	1 50	22 32	0 40	16 43	1 20	14 38	16 15	18 50	18 24	26 17			n.a.
S 7	23 48	10 38	1 52	19 22	4 27	22 17	0 14	24 22	1 10	24 14	0 36	13 30	1 50	22 32	0 40	16 44	1 20	14 38	16 15	18 50	18 23	26 17			n.a.
M 8	23 47	15 44	0 46	19 29	4 20	22 29	0 11	24 18	1 10	24 13	0 36	13 30	1 50	22 33	0 40	16 44	1 20	14 39	16 16	18 50	18 22	26 16			n.a.
T 9	23 45	20 7	0s21	19 37	4 12	22 41	0 9	24 14	1 10	24 12	0 36	13 29	1 49	22 33	0 40	16 45	1 20	14 39	16 16	18 50	18 21	26 15			n.a.
W10	23 43	23 34	1 26	19 46	4 2	22 52	0 6	24 10	1 10	24 12	0 36	13 29	1 49	22 33	0 40	16 45	1 20	14 39	16 16	18 50	18 20	26 14			n.a.
T 11	23 40	25 57	2 26	19 57	3 50	23 3	0 3	24 6	1 10	24 11	0 36	13 29	1 49	22 34	0 40	16 45	1 20	14 40	16 16	18 49	18 19	26 13			n.a.
F 12	23 37	27 6	3 19	20 9	3 37	23 13	0 1	24 1	1 10	24 10	0 37	13 28	1 49	22 34	0 40	16 46	1 20	14 40	16 17	18 48	18 18	26 13			n.a.
S 13	23 33	27 0	4 3	20 23	3 23	23 22	0n 2	23 56	1 10	24 9	0 37	13 28	1 48	22 35	0 40	16 46	1 20	14 40	16 17	18 46	18 18	26 12			n.a.
S 14	23 29	25 39	4 36	20 37	3 8	23 31	0 4	23 51	1 10	24 9	0 37	13 28	1 48	22 35	0 40	16 47	1 20	14 40	16 17	18 44	18 17	26 11			n.a.
M15	23 25	23 10	4 58	20 53	2 53	23 38	0 7	23 46	1 10	24 8	0 37	13 28	1 48	22 35	0 40	16 47	1 20	14 41	16 18	18 41	18 16	26 10			n.a.
T 16	23 20	19 42	5 6	21 9	2 36	23 46	0 10	23 41	1 10	24 7	0 37	13 28	1 48	22 36	0 40	16 47	1 20	14 41	16 18	18 39	18 15	26 9			n.a.
W17	23 15	15 25	5 2	21 26	2 20	23 52	0 12	23 36	1 10	24 6	0 37	13 28	1 48	22 36	0 40	16 48	1 21	14 41	16 18	18 37	18 14	26 8			n.a.
T 18	23 10	10 30	4 44	21 44	2 3	23 58	0 15	23 30	1 10	24 5	0 37	13 28	1 47	22 37	0 40	16 48	1 21	14 42	16 19	18 36	18 13	26 8			n.a.
F 19	23 3	5 7	4 12	22 1	1 46	24 3	0 17	23 24	1 10	24 4	0 37	13 28	1 47	22 37	0 40	16 49	1 21	14 42	16 19	18 35	18 12	26 7			n.a.
S 20	22 57	0n36	3 28	22 19	1 29	24 7	0 20	23 18	1 10	24 4	0 37	13 28	1 47	22 37	0 40	16 49	1 21	14 42	16 19	18 34	18 12	26 6			n.a.
S 21	22 50	6 25	2 33	22 36	1 12	24 11	0 22	23 12	1 10	24 3	0 37	13 28	1 47	22 38	0 40	16 50	1 21	14 43	16 20	18 34	18 11	26 5			n.a.
M22	22 43	12 10	1 28	22 53	0 56	24 14	0 24	23 6	1 10	24 2	0 37	13 28	1 46	22 38	0 40	16 50	1 21	14 43	16 20	18 34	18 10	26 4			n.a.
T 23	22 35	17 31	0 16	23 9	0 40	24 16	0 27	22 59	1 10	24 1	0 38	13 28	1 46	22 39	0 40	16 51	1 21	14 43	16 20	18 35	18 9	26 3			n.a.
W24	22 27	22 6	0n59	23 25	0 25	24 18	0 29	22 52	1 10	24 0	0 38	13 28	1 46	22 39	0 40	16 51	1 21	14 44	16 21	18 35	18 8	26 2			n.a.
T 25	22 19	25 27	2 13	23 39	0 10	24 18	0 31	22 45	1 10	23 59	0 38	13 28	1 46	22 39	0 40	16 51	1 21	14 44	16 21	18 34	18 7	26 1			n.a.
F 26	22 10	27 7	3 19	23 51	0n 4	24 18	0 34	22 38	1 10	23 58	0 38	13 28	1 45	22 40	0 40	16 52	1 21	14 45	16 21	18 33	18 6	26 1			n.a.
S 27	22 1	26 47	4 13	24 2	0 17	24 18	0 36	22 31	1 10	23 57	0 38	13 28	1 45	22 40	0 40	16 52	1 21	14 45	16 21	18 31	18 6	26 0			n.a.
S 28	21 51	24 25	4 48	24 10	0 30	24 16	0 38	22 24	1 10	23 56	0 38	13 29	1 45	22 41	0 40	16 53	1 21	14 45	16 22	18 28	18 5	25 59			n.a.
M29	21 41	20 20	5 3	24 17	0 41	24 14	0 40	22 16	1 10	23 55	0 38	13 29	1 45	22 41	0 40	16 53	1 21	14 46	16 22	18 26	18 4	25 58			n.a.
T 30	21 30	15 2	4 57	24 21	0 52	24 11	0 43	22 8	1 10	23 53	0 38	13 29	1 45	22 41	0 40	16 54	1 21	14 46	16 22	18 24	18 3	25 57			n.a.
W31	21n20	9n 0	4n32	24n23	1n 2	24n 7	0n45	22n 1	1n10	23n52	0n38	13s30	1n44	22s42	0s40	16s54	1s21	14s47	16s23	18n22	18n 2	25s56			n.a.

Julian Day Number = 1317637.5, Delta T = 07h35m49s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'09, Lahiri = -19°13'09 Julian Calendar 1 July 1106 BCE == Greg. Calendar 20 June 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

AUGUST 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 43	26♋47'16	2♎ 1	12♋46	12♋ 4	28♋47	12♋40	10♏17	21°R43	18°R10	0°R25	21°R10	19♉58	25♑56	n.a.	T 1
F 2	19 58 39	27°45'38	15°37	14°32	13°18	29°26	12°53	10°18	21♑40	18♒ 8	0♈25	21♉ 8	19°55	26° 3	n.a.	F 2
S 3	20 2 36	28°44'01	28°46	16°21	14°32	0♌ 5	13° 6	10°18	21°38	18° 7	0°24	21°D 7	19°52	26°10	n.a.	S 3
S 4	20 6 32	29°42'26	11♏31	18°11	15°46	0°43	13°19	10°19	21°36	18° 5	0°24	21° 7	19°49	26°17	n.a.	S 4
M 5	20 10 29	0♌40'53	23°57	20° 3	17° 1	1°22	13°31	10°20	21°33	18° 3	0°23	21°R 7	19°46	26°23	n.a.	M 5
T 6	20 14 25	1°39'22	6♐ 8	21°55	18°15	2° 1	13°44	10°21	21°31	18° 2	0°23	21° 6	19°43	26°30	n.a.	T 6
W 7	20 18 22	2°37'52	18°10	23°49	19°30	2°40	13°57	10°22	21°29	18° 0	0°22	21° 3	19°39	26°37	n.a.	W 7
T 8	20 22 18	3°36'25	0♑ 5	25°42	20°44	3°19	14°10	10°23	21°26	17°59	0°22	20°57	19°36	26°43	n.a.	T 8
F 9	20 26 15	4°34'59	11°57	27°36	21°59	3°57	14°23	10°24	21°24	17°57	0°21	20°49	19°33	26°50	n.a.	F 9
S 10	20 30 11	5°33'35	23°48	29°30	23°13	4°36	14°35	10°26	21°22	17°56	0°21	20°38	19°30	26°57	n.a.	S 10
S 11	20 34 8	6°32'14	5♒40	1♌23	24°28	5°15	14°48	10°27	21°19	17°54	0°20	20°25	19°27	27° 4	n.a.	S 11
M12	20 38 5	7°30'54	17°36	3°16	25°42	5°54	15° 1	10°29	21°17	17°52	0°19	20°11	19°24	27°10	n.a.	M12
T 13	20 42 1	8°29'36	29°35	5° 9	26°57	6°33	15°13	10°30	21°15	17°51	0°19	19°57	19°20	27°17	n.a.	T 13
W14	20 45 58	9°28'21	11♓39	7° 1	28°12	7°12	15°26	10°32	21°13	17°49	0°18	19°45	19°17	27°24	n.a.	W14
T 15	20 49 54	10°27'08	23°51	8°52	29°26	7°51	15°38	10°34	21°10	17°47	0°17	19°36	19°14	27°30	n.a.	T 15
F 16	20 53 51	11°25'57	6♈12	10°42	0♌41	8°30	15°51	10°36	21° 8	17°46	0°17	19°29	19°11	27°37	n.a.	F 16
S 17	20 57 47	12°24'48	18°44	12°31	1°56	9° 9	16° 3	10°38	21° 6	17°44	0°16	19°25	19° 8	27°44	n.a.	S 17
S 18	21 1 44	13°23'42	1♉33	14°20	3°11	9°48	16°15	10°40	21° 4	17°42	0°15	19°23	19° 4	27°51	n.a.	S 18
M19	21 5 40	14°22'39	14°41	16° 8	4°26	10°27	16°28	10°42	21° 2	17°41	0°15	19°23	19° 1	27°57	n.a.	M19
T 20	21 9 37	15°21'38	28°11	17°55	5°40	11° 6	16°40	10°44	21° 0	17°39	0°14	19°22	18°58	28° 4	n.a.	T 20
W21	21 13 34	16°20'39	12♊ 6	19°41	6°55	11°46	16°52	10°47	20°57	17°37	0°13	19°21	18°55	28°11	n.a.	W21
T 22	21 17 30	17°19'43	26°27	21°26	8°10	12°25	17° 5	10°49	20°55	17°36	0°12	19°18	18°52	28°17	n.a.	T 22
F 23	21 21 27	18°18'49	11♋12	23°10	9°25	13° 4	17°17	10°52	20°53	17°34	0°11	19°12	18°49	28°24	n.a.	F 23
S 24	21 25 23	19°17'58	26°16	24°53	10°40	13°43	17°29	10°54	20°51	17°32	0°11	19° 3	18°45	28°31	n.a.	S 24
S 25	21 29 20	20°17'09	11♌30	26°35	11°55	14°23	17°41	10°57	20°49	17°31	0°10	18°53	18°42	28°38	n.a.	S 25
M26	21 33 16	21°16'22	26°43	28°17	13°10	15° 2	17°53	11° 0	20°47	17°29	0° 9	18°41	18°39	28°44	n.a.	M26
T 27	21 37 13	22°15'38	11♍44	29°57	14°25	15°41	18° 5	11° 3	20°45	17°27	0° 8	18°30	18°36	28°51	n.a.	T 27
W28	21 41 9	23°14'55	26°23	1♍37	15°40	16°20	18°17	11° 6	20°44	17°26	0° 7	18°21	18°33	28°58	n.a.	W28
T 29	21 45 6	24°14'14	10♎36	3°16	16°56	17° 0	18°28	11° 9	20°42	17°24	0° 6	18°14	18°30	29° 4	n.a.	T 29
F 30	21 49 2	25°13'35	24°19	4°54	18°11	17°39	18°40	11°12	20°40	17°22	0° 6	18°11	18°26	29°11	n.a.	F 30
S 31	21 52 59	26♌12'59	7♏33	6♍31	19♌26	18♌19	18♋52	11♏15	20♑38	17♒21	0♈ 5	18♉ 9	18♉23	29♑18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n 8	2n42	3n50	24n22	1n10	24n 3	0n47	21n52	1n10	23n51	0n39	13s30	1n44	22s42	0s40	16s55	1s21	14s47	16s23	18n21	18n 1	25s55			n.a.
F 2	20 57	3s32	2 57	24 19	1 18	23 58	0 49	21 44	1 10	23 50	0 39	13 30	1 44	22 43	0 40	16 55	1 21	14 47	16 23	18 20	18 0	25 54			n.a.
S 3	20 45	9 24	1 56	24 13	1 25	23 52	0 51	21 36	1 10	23 49	0 39	13 31	1 44	22 43	0 40	16 56	1 21	14 48	16 23	18 20	18 0	25 53			n.a.
S 4	20 33	14 44	0 51	24 4	1 31	23 45	0 53	21 27	1 10	23 48	0 39	13 31	1 43	22 43	0 40	16 56	1 21	14 48	16 24	18 20	17 59	25 52			n.a.
M 5	20 20	19 18	0s15	23 53	1 36	23 38	0 55	21 19	1 10	23 46	0 39	13 32	1 43	22 44	0 40	16 57	1 21	14 49	16 24	18 20	17 58	25 51			n.a.
T 6	20 7	22 59	1 19	23 40	1 40	23 30	0 56	21 10	1 10	23 45	0 39	13 32	1 43	22 44	0 40	16 57	1 21	14 49	16 24	18 20	17 57	25 50			n.a.
W 7	19 53	25 35	2 18	23 23	1 44	23 21	0 58	21 1	1 10	23 44	0 39	13 33	1 43	22 44	0 40	16 58	1 21	14 50	16 25	18 19	17 56	25 49			n.a.
T 8	19 40	27 0	3 11	23 5	1 46	23 11	1 0	20 51	1 9	23 43	0 39	13 33	1 42	22 45	0 40	16 59	1 21	14 50	16 25	18 17	17 55	25 48			n.a.
F 9	19 26	27 11	3 55	22 44	1 48	23 1	1 2	20 42	1 9	23 42	0 39	13 34	1 42	22 45	0 40	16 59	1 21	14 51	16 25	18 15	17 54	25 47			n.a.
S 10	19 11	26 6	4 28	22 22	1 49	22 50	1 3	20 33	1 9	23 40	0 40	13 35	1 42	22 46	0 40	17 0	1 21	14 51	16 25	18 12	17 53	25 46			n.a.
S 11	18 56	23 50	4 50	21 57	1 49	22 38	1 5	20 23	1 9	23 39	0 40	13 35	1 42	22 46	0 40	17 0	1 21	14 52	16 26	18 8	17 53	25 45			n.a.
M12	18 41	20 33	5 0	21 30	1 49	22 26	1 6	20 13	1 9	23 38	0 40	13 36	1 41	22 46	0 40	17 1	1 21	14 52	16 26	18 5	17 52	25 44			n.a.
T 13	18 26	16 24	4 56	21 2	1 48	22 13	1 8	20 3	1 9	23 36	0 40	13 37	1 41	22 47	0 40	17 1	1 21	14 52	16 26	18 1	17 51	25 43			n.a.
W14	18 10	11 35	4 39	20 32	1 47	21 59	1 9	19 53	1 9	23 35	0 40	13 37	1 41	22 47	0 40	17 2	1 21	14 53	16 26	17 58	17 50	25 42			n.a.
T 15	17 54	6 17	4 9	20 1	1 45	21 45	1 11	19 43	1 9	23 34	0 40	13 38	1 41	22 47	0 40	17 2	1 21	14 53	16 27	17 55	17 49	25 41			n.a.
F 16	17 38	0 40	3 27	19 29	1 42	21 30	1 12	19 32	1 9	23 32	0 40	13 39	1 41	22 48	0 40	17 3	1 21	14 54	16 27	17 53	17 48	25 40			n.a.
S 17	17 21	5n 5	2 34	18 55	1 40	21 14	1 13	19 22	1 9	23 31	0 41	13 40	1 40	22 48	0 40	17 3	1 21	14 54	16 27	17 52	17 47	25 39			n.a.
S 18	17 4	10 45	1 33	18 20	1 36	20 58	1 14	19 11	1 9	23 30	0 41	13 41	1 40	22 48	0 40	17 4	1 21	14 55	16 27	17 51	17 46	25 38			n.a.
M19	16 47	16 6	0 25	17 44	1 33	20 41	1 16	19 0	1 8	23 28	0 41	13 42	1 40	22 49	0 40	17 4	1 21	14 55	16 28	17 51	17 45	25 36			n.a.
T 20	16 29	20 50	0n46	17 7	1 29	20 24	1 17	18 49	1 8	23 27	0 41	13 43	1 40	22 49	0 40	17 5	1 21	14 56	16 28	17 51	17 45	25 35			n.a.
W21	16 12	24 32	1 57	16 29	1 24	20 6	1 18	18 38	1 8	23 25	0 41	13 44	1 39	22 49	0 40	17 5	1 21	14 56	16 28	17 51	17 44	25 34			n.a.
T 22	15 54	26 49	3 2	15 51	1 20	19 47	1 19	18 27	1 8	23 24	0 41	13 45	1 39	22 50	0 40	17 6	1 21	14 57	16 28	17 50	17 43	25 33			n.a.
F 23	15 35	27 17	3 57	15 11	1 15	19 28	1 19	18 15	1 8	23 22	0 41	13 46	1 39	22 50	0 40	17 6	1 21	14 57	16 28	17 48	17 42	25 32			n.a.
S 24	15 16	25 46	4 37	14 32	1 9	19 8	1 20	18 4	1 8	23 21	0 42	13 47	1 39	22 50	0 40	17 7	1 21	14 58	16 29	17 46	17 41	25 31			n.a.
S 25	14 58	22 22	4 58	13 51	1 4	18 47	1 21	17 52	1 8	23 20	0 42	13 48	1 39	22 51	0 40	17 8	1 21	14 59	16 29	17 43	17 40	25 30			n.a.
M26	14 38	17 27	4 57	13 11	0 58	18 26	1 22	17 40	1 8	23 18	0 42	13 49	1 38	22 51	0 40	17 8	1 21	14 59	16 29	17 40	17 39	25 29			n.a.
T 27	14 19	11 31	4 36	12 29	0 53	18 5	1 22	17 28	1 8	23 17	0 42	13 50	1 38	22 51	0 40	17 9	1 21	15 0	16 29	17 37	17 38	25 27			n.a.
W28	13 59	5 4	3 57	11 48	0 47	17 43	1 23	17 16	1 7	23 15	0 42	13 51	1 38	22 51	0 40	17 9	1 21	15 0	16 29	17 34	17 37	25 26			n.a.
T 29	13 39	1s27	3 4	11 6	0 40	17 20	1 23	17 4	1 7	23 14	0 42	13 52	1 38	22 52	0 40	17 10	1 21	15 1	16 30	17 32	17 37	25 25			n.a.
F 30	13 19	7 41	2 2	10 24	0 34	16 57	1 24	16 51	1 7	23 12	0 42	13 53	1 38	22 52	0 40	17 10	1 21	15 1	16 30	17 31	17 36	25 24			n.a.
S 31	12n59	13s23	0n56	9n41	0n28	16n34	1n24	16n39	1n 7	23n11	0n43	13s55	1n37	22s52	0s40	17s11	1s21	15s 2	16s30	17n31	17n35	25s23			n.a.

Julian Day Number = 1317668.5, Delta T = 07h35m48s
Ecliptic obliquity = 23°49'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'05, Lahiri = -19°13'05 Julian Calendar 1 Aug. 1106 BCE == Greg. Calendar 21 July 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

SEPTEMBER 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 56	27♌12'24	20♏21	8♍ 8	20♌41	18♌58	19♋ 4	11♏18	20°R36	17°R19	0°R 4	18°R 9	18♉20	29♑25	n.a.	S 1
M 2	22 0 52	28°11'51	2♐48	9°44	21°56	19°38	19°15	11°22	20♑34	17♒17	0♈ 3	18♉ 9	18°17	29°31	n.a.	M 2
T 3	22 4 49	29°11'20	14°58	11°19	23°11	20°17	19°27	11°25	20°33	17°16	0° 2	18° 8	18°14	29°38	n.a.	T 3
W 4	22 8 45	0♍10'51	26°57	12°53	24°27	20°57	19°38	11°29	20°31	17°14	0° 1	18° 5	18°10	29°45	n.a.	W 4
T 5	22 12 42	1°10'24	8♑50	14°26	25°42	21°36	19°49	11°33	20°29	17°13	29♓59	17°59	18° 7	29°52	n.a.	T 5
F 6	22 16 38	2° 9'59	20°40	15°59	26°57	22°16	20° 1	11°36	20°28	17°11	29°59	17°51	18° 4	29°58	n.a.	F 6
S 7	22 20 35	3° 9'35	2♒32	17°31	28°12	22°55	20°12	11°40	20°26	17° 9	29°58	17°40	18° 1	0♒ 5	n.a.	S 7
S 8	22 24 31	4° 9'14	14°28	19° 3	29°28	23°35	20°23	11°44	20°25	17° 8	29°57	17°28	17°58	0°12	n.a.	S 8
M 9	22 28 28	5° 8'55	26°29	20°34	0♍43	24°15	20°34	11°48	20°23	17° 6	29°56	17°14	17°55	0°18	n.a.	M 9
T 10	22 32 25	6° 8'38	8♓37	22° 4	1°58	24°54	20°45	11°52	20°22	17° 5	29°55	17° 1	17°51	0°25	n.a.	T 10
W11	22 36 21	7° 8'23	20°52	23°33	3°14	25°34	20°56	11°56	20°20	17° 3	29°54	16°49	17°48	0°32	n.a.	W11
T 12	22 40 18	8° 8'10	3♈17	25° 2	4°29	26°14	21° 7	12° 1	20°19	17° 2	29°53	16°39	17°45	0°39	n.a.	T 12
F 13	22 44 14	9° 7'59	15°50	26°30	5°44	26°54	21°17	12° 5	20°18	17° 0	29°52	16°33	17°42	0°45	n.a.	F 13
S 14	22 48 11	10° 7'51	28°34	27°57	7° 0	27°33	21°28	12° 9	20°16	16°59	29°51	16°29	17°39	0°52	n.a.	S 14
S 15	22 52 7	11° 7'44	11♉31	29°23	8°15	28°13	21°39	12°14	20°15	16°57	29°50	16°D27	17°35	0°59	n.a.	S 15
M16	22 56 4	12° 7'41	24°43	0♎49	9°31	28°53	21°49	12°18	20°14	16°56	29°49	16°27	17°32	1° 5	n.a.	M16
T 17	23 0 0	13° 7'39	8♊11	2°14	10°46	29°33	22° 0	12°23	20°13	16°54	29°47	16°R28	17°29	1°12	n.a.	T 17
W18	23 3 57	14° 7'41	21°59	3°38	12° 1	0♍13	22°10	12°27	20°11	16°53	29°46	16°28	17°26	1°19	n.a.	W18
T 19	23 7 53	15° 7'44	6♋ 6	5° 2	13°17	0°53	22°20	12°32	20°10	16°51	29°45	16°26	17°23	1°26	n.a.	T 19
F 20	23 11 50	16° 7'50	20°33	6°24	14°32	1°33	22°30	12°37	20° 9	16°50	29°44	16°22	17°20	1°32	n.a.	F 20
S 21	23 15 47	17° 7'58	5♌16	7°46	15°48	2°13	22°40	12°42	20° 8	16°48	29°43	16°15	17°16	1°39	n.a.	S 21
S 22	23 19 43	18° 8'08	20° 9	9° 6	17° 3	2°53	22°50	12°47	20° 7	16°47	29°42	16° 7	17°13	1°46	n.a.	S 22
M23	23 23 40	19° 8'20	5♍ 3	10°26	18°19	3°33	23° 0	12°52	20° 7	16°46	29°41	15°57	17°10	1°52	n.a.	M23
T 24	23 27 36	20° 8'35	19°51	11°44	19°34	4°13	23°10	12°57	20° 6	16°44	29°40	15°48	17° 7	1°59	n.a.	T 24
W25	23 31 33	21° 8'51	4♎24	13° 1	20°50	4°53	23°19	13° 2	20° 5	16°43	29°39	15°41	17° 4	2° 6	n.a.	W25
T 26	23 35 29	22° 9'09	18°34	14°17	22° 5	5°34	23°29	13° 7	20° 4	16°42	29°38	15°35	17° 1	2°13	n.a.	T 26
F 27	23 39 26	23° 9'29	2♏19	15°31	23°21	6°14	23°38	13°12	20° 3	16°40	29°36	15°32	16°57	2°19	n.a.	F 27
S 28	23 43 22	24° 9'50	15°37	16°43	24°36	6°54	23°48	13°18	20° 3	16°39	29°35	15°D32	16°54	2°26	n.a.	S 28
S 29	23 47 19	25°10'13	28°29	17°53	25°52	7°34	23°57	13°23	20° 2	16°38	29°34	15°32	16°51	2°33	n.a.	S 29
M30	23 51 16	26♍10'38	11♐ 0	19♎ 1	27♍ 7	8♍15	24♋ 6	13♏29	20♑ 2	16♒37	29♓33	15♉33	16♉48	2♒39	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n38	18s19	0s12	8n59	0n21	16n10	1n25	16n26	1n 7	23n 9	0n43	13s56	1n37	22s52	0s40	17s11	1s21	15s 2	16s30	17n31	17n34	25s22		n.a.
M 2	12 18	22 19	1 17	8 16	0 14	15 45	1 25	16 13	1 7	23 8	0 43	13 57	1 37	22 53	0 40	17 12	1 21	15 3	16 30	17 31	17 33	25 20		n.a.
T 3	11 57	25 14	2 17	7 33	0 8	15 21	1 25	16 1	1 7	23 6	0 43	13 58	1 37	22 53	0 40	17 12	1 21	15 3	16 30	17 30	17 32	25 19		n.a.
W 4	11 35	26 57	3 10	6 51	0 1	14 55	1 25	15 48	1 6	23 5	0 43	14 0	1 36	22 53	0 40	17 13	1 21	15 4	16 31	17 30	17 31	25 18		n.a.
T 5	11 14	27 25	3 54	6 8	0s 6	14 30	1 25	15 35	1 6	23 3	0 43	14 1	1 36	22 53	0 40	17 13	1 21	15 4	16 31	17 28	17 30	25 17		n.a.
F 6	10 52	26 37	4 28	5 25	0 13	14 3	1 25	15 21	1 6	23 2	0 44	14 2	1 36	22 54	0 40	17 14	1 21	15 5	16 31	17 26	17 29	25 16		n.a.
S 7	10 31	24 37	4 50	4 42	0 20	13 37	1 25	15 8	1 6	23 0	0 44	14 4	1 36	22 54	0 40	17 14	1 21	15 5	16 31	17 23	17 29	25 14		n.a.
S 8	10 9	21 32	5 0	4 0	0 27	13 10	1 25	14 55	1 6	22 59	0 44	14 5	1 36	22 54	0 40	17 15	1 21	15 6	16 31	17 19	17 28	25 13		n.a.
M 9	9 47	17 32	4 57	3 17	0 34	12 43	1 25	14 41	1 6	22 57	0 44	14 7	1 35	22 54	0 40	17 15	1 21	15 6	16 31	17 15	17 27	25 12		n.a.
T 10	9 24	12 47	4 40	2 35	0 41	12 15	1 24	14 27	1 5	22 56	0 44	14 8	1 35	22 55	0 40	17 16	1 21	15 7	16 31	17 11	17 26	25 11		n.a.
W11	9 2	7 29	4 10	1 52	0 48	11 47	1 24	14 14	1 5	22 54	0 44	14 10	1 35	22 55	0 40	17 16	1 21	15 7	16 32	17 8	17 25	25 9		n.a.
T 12	8 39	1 51	3 28	1 10	0 55	11 19	1 24	14 0	1 5	22 52	0 45	14 11	1 35	22 55	0 40	17 17	1 21	15 8	16 32	17 5	17 24	25 8		n.a.
F 13	8 16	3n57	2 35	0 29	1 2	10 50	1 23	13 46	1 5	22 51	0 45	14 13	1 35	22 55	0 40	17 17	1 21	15 8	16 32	17 3	17 23	25 7		n.a.
S 14	7 54	9 41	1 34	0s13	1 8	10 22	1 23	13 32	1 5	22 49	0 45	14 14	1 34	22 55	0 40	17 18	1 21	15 9	16 32	17 2	17 22	25 6		n.a.
S 15	7 30	15 7	0 26	0 54	1 15	9 52	1 22	13 17	1 4	22 48	0 45	14 16	1 34	22 55	0 39	17 18	1 21	15 9	16 32	17 2	17 21	25 4		n.a.
M16	7 7	19 58	0n44	1 35	1 22	9 23	1 21	13 3	1 4	22 46	0 45	14 17	1 34	22 56	0 39	17 18	1 21	15 10	16 32	17 2	17 20	25 3		n.a.
T 17	6 44	23 53	1 53	2 15	1 28	8 53	1 21	12 49	1 4	22 45	0 45	14 19	1 34	22 56	0 39	17 19	1 21	15 11	16 32	17 2	17 19	25 2		n.a.
W18	6 21	26 32	2 57	2 55	1 35	8 23	1 20	12 34	1 4	22 43	0 46	14 20	1 34	22 56	0 39	17 19	1 21	15 11	16 32	17 2	17 19	25 0		n.a.
T 19	5 57	27 33	3 53	3 35	1 41	7 53	1 19	12 20	1 4	22 42	0 46	14 22	1 34	22 56	0 39	17 20	1 21	15 12	16 32	17 1	17 18	24 59		n.a.
F 20	5 33	26 45	4 34	4 13	1 48	7 23	1 18	12 5	1 3	22 40	0 46	14 24	1 33	22 56	0 39	17 20	1 21	15 12	16 32	17 0	17 17	24 58		n.a.
S 21	5 10	24 5	4 59	4 52	1 54	6 52	1 17	11 50	1 3	22 39	0 46	14 25	1 33	22 56	0 39	17 21	1 21	15 13	16 32	16 58	17 16	24 56		n.a.
S 22	4 46	19 47	5 4	5 29	1 59	6 22	1 16	11 35	1 3	22 37	0 46	14 27	1 33	22 56	0 39	17 21	1 21	15 13	16 33	16 56	17 15	24 55		n.a.
M23	4 22	14 15	4 48	6 6	2 5	5 51	1 15	11 20	1 3	22 36	0 47	14 29	1 33	22 57	0 39	17 21	1 21	15 13	16 33	16 53	17 14	24 54		n.a.
T 24	3 58	7 57	4 13	6 43	2 11	5 19	1 14	11 5	1 3	22 34	0 47	14 30	1 33	22 57	0 39	17 22	1 21	15 14	16 33	16 50	17 13	24 52		n.a.
W25	3 34	1 18	3 22	7 18	2 16	4 48	1 13	10 50	1 2	22 33	0 47	14 32	1 32	22 57	0 39	17 22	1 21	15 14	16 33	16 48	17 12	24 51		n.a.
T 26	3 10	5s15	2 19	7 52	2 21	4 17	1 11	10 35	1 2	22 31	0 47	14 34	1 32	22 57	0 39	17 23	1 21	15 15	16 33	16 46	17 11	24 50		n.a.
F 27	2 46	11 22	1 10	8 26	2 25	3 45	1 10	10 20	1 2	22 30	0 47	14 36	1 32	22 57	0 39	17 23	1 21	15 15	16 33	16 46	17 10	24 48		n.a.
S 28	2 21	16 47	0s 0	8 58	2 30	3 14	1 9	10 4	1 2	22 29	0 48	14 37	1 32	22 57	0 39	17 23	1 21	15 16	16 33	16 45	17 9	24 47		n.a.
S 29	1 57	21 16	1 9	9 29	2 34	2 42	1 7	9 49	1 1	22 27	0 48	14 39	1 32	22 57	0 39	17 24	1 21	15 16	16 33	16 45	17 9	24 45		n.a.
M30	1n33	24s39	2s13	9s59	2s37	2n10	1n 6	9n33	1n 1	22n26	0n48	14s41	1n32	22s57	0s39	17s24	1s21	15s17	16s33	16n46	17n 8	24s44		n.a.

Julian Day Number = 1317699.5, Delta T = 07h35m46s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°20'01, Lahiri = -19°13'00 Julian Calendar 1 Sept. 1106 BCE == Greg. Calendar 21 Aug. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

OCTOBER 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 12	27♍11'05	23♐13	20♎ 7	28♍23	8♍55	24♋15	13♏34	20°R 1	16°R36	29°R32	15°R34	16♉45	2♒46	n.a.	T 1
W 2	23 59 9	28°11'32	5♑14	21°10	29°38	9°35	24°24	13°40	20♑ 1	16♒34	29♓31	15♉34	16°41	2°53	n.a.	W 2
T 3	0 3 5	29°12'02	17° 8	22°11	0♎54	10°16	24°32	13°45	20° 0	16°33	29°30	15°32	16°38	3° 0	n.a.	T 3
F 4	0 7 2	0♎12'33	28°59	23° 7	2° 9	10°56	24°41	13°51	20° 0	16°32	29°28	15°28	16°35	3° 6	n.a.	F 4
S 5	0 10 58	1°13'05	10♒52	24° 1	3°25	11°37	24°49	13°57	20° 0	16°31	29°27	15°22	16°32	3°13	n.a.	S 5
S 6	0 14 55	2°13'39	22°51	24°49	4°40	12°17	24°58	14° 2	19°59	16°30	29°26	15°15	16°29	3°20	n.a.	S 6
M 7	0 18 51	3°14'14	4♓58	25°34	5°56	12°58	25° 6	14° 8	19°59	16°29	29°25	15° 7	16°26	3°27	n.a.	M 7
T 8	0 22 48	4°14'51	17°16	26°12	7°11	13°38	25°14	14°14	19°59	16°28	29°24	14°59	16°22	3°33	n.a.	T 8
W 9	0 26 44	5°15'29	29°45	26°45	8°27	14°19	25°22	14°20	19°59	16°27	29°23	14°52	16°19	3°40	n.a.	W 9
T 10	0 30 41	6°16'09	12♈26	27°11	9°42	14°59	25°30	14°26	19°59	16°26	29°22	14°46	16°16	3°47	n.a.	T 10
F 11	0 34 38	7°16'51	25°19	27°30	10°58	15°40	25°37	14°32	19°D59	16°25	29°21	14°42	16°13	3°53	n.a.	F 11
S 12	0 38 34	8°17'34	8♉24	27°41	12°13	16°21	25°45	14°38	19°59	16°24	29°19	14°D41	16°10	4° 0	n.a.	S 12
S 13	0 42 31	9°18'19	21°40	27°R43	13°29	17° 2	25°52	14°44	19°59	16°23	29°18	14°41	16° 6	4° 7	n.a.	S 13
M14	0 46 27	10°19'05	5♊ 8	27°35	14°44	17°42	26° 0	14°50	19°59	16°23	29°17	14°42	16° 3	4°14	n.a.	M14
T 15	0 50 24	11°19'54	18°48	27°17	16° 0	18°23	26° 7	14°57	19°59	16°22	29°16	14°43	16° 0	4°20	n.a.	T 15
W16	0 54 20	12°20'44	2♋39	26°49	17°15	19° 4	26°14	15° 3	19°59	16°21	29°15	14°45	15°57	4°27	n.a.	W16
T 17	0 58 17	13°21'35	16°42	26°10	18°31	19°45	26°21	15° 9	20° 0	16°20	29°14	14°R45	15°54	4°34	n.a.	T 17
F 18	1 2 13	14°22'29	0♌55	25°20	19°46	20°26	26°28	15°15	20° 0	16°20	29°13	14°44	15°51	4°40	n.a.	F 18
S 19	1 6 10	15°23'24	15°16	24°21	21° 2	21° 7	26°34	15°22	20° 0	16°19	29°12	14°42	15°47	4°47	n.a.	S 19
S 20	1 10 7	16°24'20	29°42	23°13	22°17	21°47	26°41	15°28	20° 1	16°18	29°11	14°38	15°44	4°54	n.a.	S 20
M21	1 14 3	17°25'18	14♍ 8	21°57	23°33	22°28	26°47	15°35	20° 1	16°18	29°10	14°34	15°41	5° 1	n.a.	M21
T 22	1 18 0	18°26'18	28°29	20°38	24°48	23° 9	26°53	15°41	20° 2	16°17	29° 8	14°30	15°38	5° 7	n.a.	T 22
W23	1 21 56	19°27'18	12♎39	19°15	26° 4	23°51	26°59	15°48	20° 3	16°16	29° 7	14°26	15°35	5°14	n.a.	W23
T 24	1 25 53	20°28'20	26°33	17°53	27°19	24°32	27° 5	15°54	20° 3	16°16	29° 6	14°24	15°32	5°21	n.a.	T 24
F 25	1 29 49	21°29'23	10♏ 8	16°35	28°35	25°13	27°10	16° 1	20° 4	16°15	29° 5	14°D23	15°28	5°27	n.a.	F 25
S 26	1 33 46	22°30'27	23°21	15°22	29°50	25°54	27°16	16° 7	20° 5	16°15	29° 4	14°23	15°25	5°34	n.a.	S 26
S 27	1 37 42	23°31'32	6♐14	14°17	1♏ 6	26°35	27°21	16°14	20° 6	16°15	29° 3	14°24	15°22	5°41	n.a.	S 27
M28	1 41 39	24°32'38	18°46	13°22	2°21	27°16	27°26	16°21	20° 6	16°14	29° 2	14°26	15°19	5°48	n.a.	M28
T 29	1 45 36	25°33'45	1♑ 2	12°38	3°37	27°57	27°31	16°27	20° 7	16°14	29° 1	14°27	15°16	5°54	n.a.	T 29
W30	1 49 32	26°34'52	13° 6	12° 4	4°52	28°39	27°36	16°34	20° 8	16°13	29° 0	14°29	15°12	6° 1	n.a.	W30
T 31	1 53 29	27♎36'00	25♑ 2	11♎43	6♏ 8	29♍20	27♋41	16♏41	20♑ 9	16♒13	28♓59	14°R29	15♉ 9	6♒ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n 8	26s48	3s 9	10s27	2s40	1n38	1n 4	9n18	1n 1	22n24	0n48	14s43	1n31	22s57	0s39	17s24	1s21	15s17	16s33	16n46	17n 7	24s43		n.a.
W 2	0 44	27 39	3 55	10 54	2 43	1 6	1 3	9 2	1 1	22 23	0 48	14 45	1 31	22 57	0 39	17 25	1 21	15 18	16 33	16 46	17 6	24 41		n.a.
T 3	0 19	27 12	4 31	11 19	2 45	0 34	1 1	8 46	1 0	22 22	0 49	14 47	1 31	22 57	0 39	17 25	1 21	15 18	16 33	16 45	17 5	24 40		n.a.
F 4	0s 5	25 31	4 56	11 42	2 46	0 2	1 0	8 30	1 0	22 20	0 49	14 48	1 31	22 57	0 39	17 25	1 21	15 19	16 33	16 44	17 4	24 38		n.a.
S 5	0 30	22 42	5 7	12 2	2 47	0s30	0 58	8 15	1 0	22 19	0 49	14 50	1 31	22 57	0 39	17 26	1 21	15 19	16 33	16 43	17 3	24 37		n.a.
S 6	0 54	18 55	5 6	12 21	2 47	1 2	0 56	7 59	1 0	22 18	0 49	14 52	1 31	22 57	0 39	17 26	1 21	15 19	16 33	16 40	17 2	24 36		n.a.
M 7	1 18	14 19	4 50	12 36	2 46	1 34	0 54	7 43	0 59	22 16	0 50	14 54	1 31	22 57	0 39	17 26	1 21	15 20	16 33	16 38	17 1	24 34		n.a.
T 8	1 43	9 6	4 21	12 49	2 44	2 6	0 53	7 26	0 59	22 15	0 50	14 56	1 30	22 57	0 39	17 27	1 21	15 20	16 33	16 36	17 0	24 33		n.a.
W 9	2 7	3 27	3 39	12 58	2 41	2 38	0 51	7 10	0 59	22 14	0 50	14 58	1 30	22 57	0 39	17 27	1 21	15 21	16 32	16 33	16 59	24 31		n.a.
T 10	2 32	2n27	2 46	13 4	2 37	3 10	0 49	6 54	0 58	22 13	0 50	15 0	1 30	22 57	0 39	17 27	1 21	15 21	16 32	16 32	16 58	24 30		n.a.
F 11	2 56	8 21	1 43	13 6	2 32	3 41	0 47	6 38	0 58	22 11	0 50	15 2	1 30	22 57	0 39	17 27	1 21	15 21	16 32	16 31	16 57	24 28		n.a.
S 12	3 20	14 0	0 34	13 4	2 25	4 13	0 45	6 22	0 58	22 10	0 51	15 4	1 30	22 57	0 39	17 28	1 21	15 22	16 32	16 30	16 57	24 27		n.a.
S 13	3 45	19 5	0n38	12 57	2 17	4 45	0 43	6 5	0 58	22 9	0 51	15 6	1 30	22 57	0 39	17 28	1 21	15 22	16 32	16 30	16 56	24 25		n.a.
M14	4 9	23 18	1 49	12 45	2 7	5 16	0 41	5 49	0 57	22 8	0 51	15 8	1 30	22 57	0 39	17 28	1 21	15 23	16 32	16 31	16 55	24 24		n.a.
T 15	4 33	26 16	2 55	12 28	1 56	5 48	0 39	5 32	0 57	22 7	0 51	15 10	1 29	22 57	0 39	17 28	1 21	15 23	16 32	16 31	16 54	24 22		n.a.
W16	4 57	27 40	3 52	12 5	1 42	6 19	0 37	5 16	0 57	22 6	0 52	15 12	1 29	22 57	0 39	17 28	1 21	15 23	16 32	16 31	16 53	24 21		n.a.
T 17	5 21	27 20	4 36	11 37	1 28	6 50	0 34	4 59	0 56	22 4	0 52	15 13	1 29	22 57	0 39	17 29	1 21	15 24	16 32	16 31	16 52	24 19		n.a.
F 18	5 45	25 13	5 4	11 3	1 11	7 22	0 32	4 43	0 56	22 3	0 52	15 15	1 29	22 57	0 39	17 29	1 21	15 24	16 32	16 31	16 51	24 18		n.a.
S 19	6 9	21 29	5 13	10 25	0 53	7 52	0 30	4 26	0 56	22 2	0 52	15 17	1 29	22 57	0 39	17 29	1 21	15 24	16 32	16 30	16 50	24 16		n.a.
S 20	6 33	16 27	5 2	9 41	0 34	8 23	0 28	4 9	0 55	22 1	0 53	15 19	1 29	22 57	0 39	17 29	1 21	15 25	16 32	16 29	16 49	24 15		n.a.
M21	6 57	10 31	4 32	8 54	0 14	8 54	0 26	3 52	0 55	22 0	0 53	15 21	1 29	22 57	0 39	17 29	1 21	15 25	16 31	16 28	16 48	24 13		n.a.
T 22	7 20	4 3	3 46	8 5	0n 7	9 24	0 23	3 36	0 55	21 59	0 53	15 24	1 29	22 56	0 39	17 29	1 21	15 25	16 31	16 27	16 47	24 12		n.a.
W23	7 44	2s33	2 45	7 14	0 27	9 54	0 21	3 19	0 54	21 58	0 53	15 26	1 28	22 56	0 38	17 30	1 21	15 26	16 31	16 26	16 46	24 10		n.a.
T 24	8 7	8 55	1 36	6 24	0 47	10 24	0 19	3 2	0 54	21 58	0 54	15 28	1 28	22 56	0 38	17 30	1 21	15 26	16 31	16 25	16 45	24 9		n.a.
F 25	8 31	14 43	0 23	5 36	1 7	10 53	0 16	2 45	0 54	21 57	0 54	15 30	1 28	22 56	0 38	17 30	1 20	15 26	16 31	16 25	16 44	24 7		n.a.
S 26	8 54	19 42	0s49	4 51	1 24	11 23	0 14	2 28	0 53	21 56	0 54	15 32	1 28	22 56	0 38	17 30	1 20	15 27	16 31	16 25	16 43	24 5		n.a.
S 27	9 17	23 37	1 57	4 11	1 41	11 52	0 12	2 11	0 53	21 55	0 54	15 34	1 28	22 56	0 38	17 30	1 20	15 27	16 31	16 25	16 42	24 4		n.a.
M28	9 40	26 18	2 58	3 36	1 55	12 20	0 9	1 54	0 53	21 54	0 55	15 36	1 28	22 56	0 38	17 30	1 20	15 27	16 30	16 26	16 42	24 2		n.a.
T 29	10 2	27 39	3 50	3 7	2 7	12 49	0 7	1 37	0 52	21 53	0 55	15 38	1 28	22 55	0 38	17 30	1 20	15 27	16 30	16 26	16 41	24 1		n.a.
W30	10 25	27 39	4 30	2 45	2 17	13 17	0 5	1 20	0 52	21 53	0 55	15 40	1 28	22 55	0 38	17 30	1 20	15 28	16 30	16 27	16 40	23 59		n.a.
T 31	10s47	26s21	4s58	2s29	2n25	13s45	0n 2	1n 3	0n51	21n52	0n55	15s42	1n28	22s55	0s38	17s30	1s20	15s28	16s30	16n27	16n39	23s57		n.a.

Julian Day Number = 1317729.5, Delta T = 07h35m44s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'57, Lahiri = -19°12'56 Julian Calendar 1 Oct. 1106 BCE == Greg. Calendar 20 Sept. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

NOVEMBER 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 57 25	28♎37'09	6♒54	11°D32	7♏23	0♎ 1	27♋45	16♏48	20♑10	16°R13	28°R58	14°R29	15♉ 6	6♒15	n.a.	F 1
S 2	2 1 22	29°38'18	18°48	11♎32	8°39	0°43	27°50	16°54	20°11	16♒13	28♓57	14♉28	15° 3	6°21	n.a.	S 2
S 3	2 5 18	0♏39'27	0♓47	11°42	9°54	1°24	27°54	17° 1	20°13	16°12	28°56	14°27	15° 0	6°28	n.a.	S 3
M 4	2 9 15	1°40'37	12°57	12° 1	11° 9	2° 6	27°58	17° 8	20°14	16°12	28°55	14°25	14°57	6°35	n.a.	M 4
T 5	2 13 12	2°41'48	25°21	12°29	12°25	2°47	28° 2	17°15	20°15	16°12	28°54	14°23	14°53	6°41	n.a.	T 5
W 6	2 17 8	3°42'59	8♈ 0	13° 4	13°40	3°28	28° 5	17°22	20°16	16°12	28°54	14°21	14°50	6°48	n.a.	W 6
T 7	2 21 5	4°44'11	20°56	13°46	14°55	4°10	28° 9	17°29	20°18	16°12	28°53	14°20	14°47	6°55	n.a.	T 7
F 8	2 25 1	5°45'23	4♉ 9	14°33	16°11	4°52	28°12	17°36	20°19	16°D12	28°52	14°19	14°44	7° 2	n.a.	F 8
S 9	2 28 58	6°46'36	17°39	15°26	17°26	5°33	28°15	17°43	20°21	16°12	28°51	14°D19	14°41	7° 8	n.a.	S 9
S 10	2 32 54	7°47'49	1♊23	16°24	18°42	6°15	28°18	17°50	20°22	16°12	28°50	14°20	14°38	7°15	n.a.	S 10
M11	2 36 51	8°49'03	15°18	17°25	19°57	6°56	28°21	17°57	20°24	16°12	28°49	14°20	14°34	7°22	n.a.	M11
T 12	2 40 47	9°50'18	29°22	18°30	21°12	7°38	28°23	18° 3	20°25	16°12	28°48	14°21	14°31	7°29	n.a.	T 12
W13	2 44 44	10°51'34	13♋31	19°38	22°27	8°20	28°26	18°10	20°27	16°13	28°48	14°21	14°28	7°35	n.a.	W13
T 14	2 48 41	11°52'50	27°43	20°49	23°43	9° 2	28°28	18°17	20°29	16°13	28°47	14°21	14°25	7°42	n.a.	T 14
F 15	2 52 37	12°54'06	11♌55	22° 2	24°58	9°43	28°30	18°24	20°30	16°13	28°46	14°R21	14°22	7°49	n.a.	F 15
S 16	2 56 34	13°55'24	26° 5	23°18	26°13	10°25	28°32	18°31	20°32	16°13	28°45	14°D21	14°18	7°55	n.a.	S 16
S 17	3 0 30	14°56'41	10♍11	24°35	27°29	11° 7	28°33	18°38	20°34	16°14	28°44	14°21	14°15	8° 2	n.a.	S 17
M18	3 4 27	15°58'00	24°10	25°54	28°44	11°49	28°35	18°45	20°36	16°14	28°44	14°21	14°12	8° 9	n.a.	M18
T 19	3 8 23	16°59'18	8♎ 1	27°14	29°59	12°31	28°36	18°53	20°38	16°14	28°43	14°22	14° 9	8°16	n.a.	T 19
W20	3 12 20	18° 0'37	21°41	28°35	1♐14	13°13	28°37	19° 0	20°40	16°15	28°42	14°22	14° 6	8°22	n.a.	W20
T 21	3 16 16	19° 1'56	5♏ 9	29°58	2°30	13°55	28°38	19° 7	20°42	16°15	28°42	14°22	14° 3	8°29	n.a.	T 21
F 22	3 20 13	20° 3'15	18°23	1♏21	3°45	14°37	28°38	19°14	20°44	16°16	28°41	14°R22	13°59	8°36	n.a.	F 22
S 23	3 24 10	21° 4'35	1♐22	2°46	5° 0	15°19	28°39	19°21	20°46	16°16	28°40	14°22	13°56	8°42	n.a.	S 23
S 24	3 28 6	22° 5'54	14° 5	4°11	6°15	16° 1	28°39	19°28	20°48	16°17	28°40	14°21	13°53	8°49	n.a.	S 24
M25	3 32 3	23° 7'13	26°34	5°37	7°31	16°43	28°R39	19°35	20°50	16°17	28°39	14°20	13°50	8°56	n.a.	M25
T 26	3 35 59	24° 8'32	8♑49	7° 4	8°46	17°25	28°39	19°42	20°52	16°18	28°38	14°19	13°47	9° 3	n.a.	T 26
W27	3 39 56	25° 9'51	20°52	8°31	10° 1	18° 7	28°38	19°49	20°54	16°18	28°38	14°17	13°44	9° 9	n.a.	W27
T 28	3 43 52	26°11'09	2♒49	9°59	11°16	18°49	28°38	19°56	20°57	16°19	28°37	14°16	13°40	9°16	n.a.	T 28
F 29	3 47 49	27°12'26	14°41	11°27	12°31	19°32	28°37	20° 3	20°59	16°20	28°37	14°15	13°37	9°23	n.a.	F 29
S 30	3 51 46	28♏13'43	26♒34	12♏56	13♐46	20♎14	28♋36	20♏10	21♑ 1	16♒21	28♓36	14°D14	13♉34	9♒30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 9	23s53	5s13	2s19	2n31	14s12	0s 0	0n46	0n51	21n51	0n56	15s44	1n27	22s55	0s38	17s30	1s20	15s28	16s30	16n27	16n38	23s56		n.a.
S 2	11 31	20 24	5 15	2 15	2 36	14 39	0 3	0 29	0 51	21 51	0 56	15 46	1 27	22 55	0 38	17 30	1 20	15 28	16 29	16 26	16 37	23 54		n.a.
S 3	11 53	16 5	5 3	2 17	2 38	15 6	0 5	0 12	0 50	21 50	0 56	15 48	1 27	22 55	0 38	17 30	1 20	15 28	16 29	16 26	16 36	23 53		n.a.
M 4	12 15	11 4	4 38	2 23	2 40	15 32	0 7	0s 5	0 50	21 50	0 57	15 50	1 27	22 54	0 38	17 30	1 20	15 29	16 29	16 25	16 35	23 51		n.a.
T 5	12 36	5 31	3 59	2 34	2 40	15 58	0 10	0 22	0 50	21 49	0 57	15 52	1 27	22 54	0 38	17 30	1 20	15 29	16 29	16 25	16 34	23 49		n.a.
W 6	12 58	0n21	3 8	2 49	2 39	16 24	0 12	0 39	0 49	21 49	0 57	15 54	1 27	22 54	0 38	17 30	1 20	15 29	16 29	16 24	16 33	23 48		n.a.
T 7	13 19	6 22	2 6	3 7	2 37	16 49	0 15	0 56	0 49	21 48	0 57	15 56	1 27	22 54	0 38	17 30	1 20	15 29	16 28	16 24	16 32	23 46		n.a.
F 8	13 39	12 14	0 56	3 28	2 34	17 13	0 17	1 13	0 48	21 48	0 58	15 58	1 27	22 53	0 38	17 30	1 20	15 29	16 28	16 24	16 31	23 44		n.a.
S 9	14 0	17 40	0n18	3 52	2 30	17 37	0 19	1 31	0 48	21 48	0 58	16 0	1 27	22 53	0 38	17 30	1 20	15 29	16 28	16 24	16 30	23 43		n.a.
S 10	14 20	22 17	1 33	4 19	2 25	18 1	0 22	1 48	0 47	21 47	0 58	16 2	1 27	22 53	0 38	17 30	1 20	15 30	16 28	16 24	16 29	23 41		n.a.
M11	14 40	25 42	2 43	4 47	2 21	18 24	0 24	2 5	0 47	21 47	0 58	16 4	1 27	22 53	0 38	17 30	1 20	15 30	16 27	16 24	16 28	23 39		n.a.
T 12	15 0	27 34	3 45	5 17	2 15	18 47	0 27	2 22	0 47	21 47	0 59	16 6	1 26	22 52	0 38	17 30	1 20	15 30	16 27	16 24	16 27	23 38		n.a.
W13	15 19	27 39	4 32	5 49	2 9	19 9	0 29	2 39	0 46	21 46	0 59	16 8	1 26	22 52	0 38	17 30	1 20	15 30	16 27	16 24	16 26	23 36		n.a.
T 14	15 39	25 55	5 4	6 21	2 3	19 31	0 31	2 56	0 46	21 46	0 59	16 10	1 26	22 52	0 38	17 30	1 20	15 30	16 27	16 24	16 25	23 34		n.a.
F 15	15 58	22 33	5 17	6 55	1 57	19 52	0 34	3 13	0 45	21 46	1 0	16 12	1 26	22 52	0 38	17 30	1 20	15 30	16 26	16 24	16 24	23 32		n.a.
S 16	16 16	17 53	5 10	7 30	1 50	20 12	0 36	3 30	0 45	21 46	1 0	16 14	1 26	22 51	0 38	17 30	1 20	15 30	16 26	16 24	16 23	23 31		n.a.
S 17	16 35	12 16	4 46	8 5	1 43	20 32	0 38	3 47	0 44	21 46	1 0	16 16	1 26	22 51	0 38	17 30	1 20	15 30	16 26	16 24	16 23	23 29		n.a.
M18	16 53	6 4	4 4	8 40	1 36	20 51	0 40	4 4	0 44	21 46	1 0	16 18	1 26	22 51	0 38	17 30	1 20	15 30	16 26	16 24	16 22	23 27		n.a.
T 19	17 11	0s21	3 8	9 16	1 29	21 10	0 43	4 21	0 43	21 46	1 1	16 20	1 26	22 50	0 38	17 29	1 20	15 30	16 25	16 24	16 21	23 26		n.a.
W20	17 28	6 42	2 2	9 53	1 22	21 28	0 45	4 39	0 43	21 46	1 1	16 22	1 26	22 50	0 38	17 29	1 20	15 30	16 25	16 25	16 20	23 24		n.a.
T 21	17 46	12 39	0 51	10 29	1 14	21 46	0 47	4 55	0 42	21 46	1 1	16 24	1 26	22 50	0 38	17 29	1 20	15 30	16 25	16 25	16 19	23 22		n.a.
F 22	18 3	17 56	0s22	11 6	1 7	22 3	0 49	5 12	0 42	21 46	1 2	16 26	1 26	22 49	0 38	17 29	1 19	15 30	16 25	16 25	16 18	23 20		n.a.
S 23	18 19	22 17	1 33	11 42	0 59	22 19	0 51	5 29	0 41	21 47	1 2	16 28	1 26	22 49	0 38	17 29	1 19	15 30	16 24	16 25	16 17	23 19		n.a.
S 24	18 35	25 28	2 37	12 18	0 52	22 35	0 53	5 46	0 41	21 47	1 2	16 30	1 26	22 49	0 38	17 28	1 19	15 30	16 24	16 24	16 16	23 17		n.a.
M25	18 51	27 20	3 33	12 55	0 44	22 50	0 55	6 3	0 40	21 47	1 2	16 32	1 26	22 48	0 38	17 28	1 19	15 30	16 24	16 24	16 15	23 15		n.a.
T 26	19 7	27 49	4 18	13 31	0 37	23 4	0 57	6 20	0 40	21 47	1 3	16 34	1 26	22 48	0 38	17 28	1 19	15 30	16 23	16 24	16 14	23 13		n.a.
W27	19 22	26 57	4 50	14 6	0 30	23 17	0 59	6 37	0 39	21 48	1 3	16 36	1 26	22 47	0 38	17 28	1 19	15 30	16 23	16 23	16 13	23 11		n.a.
T 28	19 37	24 52	5 10	14 42	0 22	23 30	1 1	6 54	0 39	21 48	1 3	16 38	1 25	22 47	0 38	17 28	1 19	15 30	16 23	16 23	16 12	23 10		n.a.
F 29	19 51	21 43	5 16	15 17	0 15	23 42	1 3	7 10	0 38	21 49	1 4	16 40	1 25	22 47	0 38	17 27	1 19	15 30	16 22	16 22	16 11	23 8		n.a.
S 30	20s 5	17s41	5s 9	15s51	0n 8	23s54	1s 5	7s27	0n38	21n49	1n 4	16s42	1n25	22s46	0s38	17s27	1s19	15s30	16s22	16n22	16n10	23s 6		n.a.

Julian Day Number = 1317760.5, Delta T = 07h35m43s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'53, Lahiri = -19°12'52 Julian Calendar 1 Nov. 1106 BCE == Greg. Calendar 21 Oct. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1106 BCE
geocentric

DECEMBER 1106 BCE (-1105) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 42	29♏15'00	8♓32	14♏26	15♐ 2	20♎56	28°R35	20♏17	21♑ 4	16♒21	28°R36	14♉15	13♉31	9♒36	n.a.	S 1
M 2	3 59 39	0♐16'15	20°40	15°56	16°17	21°39	28♋34	20°24	21° 6	16°22	28♓35	14°15	13°28	9°43	n.a.	M 2
T 3	4 3 35	1°17'30	3♈ 3	17°26	17°32	22°21	28°32	20°31	21° 9	16°23	28°35	14°17	13°24	9°50	n.a.	T 3
W 4	4 7 32	2°18'45	15°44	18°57	18°47	23° 3	28°30	20°38	21°11	16°24	28°34	14°18	13°21	9°56	n.a.	W 4
T 5	4 11 28	3°19'58	28°47	20°29	20° 2	23°46	28°29	20°44	21°14	16°25	28°34	14°20	13°18	10° 3	n.a.	T 5
F 6	4 15 25	4°21'11	12♉13	22° 1	21°17	24°28	28°26	20°51	21°16	16°26	28°34	14°R20	13°15	10°10	n.a.	F 6
S 7	4 19 21	5°22'24	26° 2	23°33	22°32	25°11	28°24	20°58	21°19	16°27	28°33	14°20	13°12	10°17	n.a.	S 7
S 8	4 23 18	6°23'36	10♊11	25° 6	23°47	25°53	28°22	21° 5	21°22	16°28	28°33	14°18	13° 9	10°23	n.a.	S 8
M 9	4 27 15	7°24'47	24°36	26°39	25° 2	26°36	28°19	21°12	21°24	16°29	28°33	14°16	13° 5	10°30	n.a.	M 9
T 10	4 31 11	8°25'57	9♋10	28°13	26°17	27°18	28°16	21°19	21°27	16°30	28°32	14°12	13° 2	10°37	n.a.	T 10
W11	4 35 8	9°27'07	23°48	29°48	27°32	28° 1	28°13	21°26	21°30	16°31	28°32	14° 9	12°59	10°44	n.a.	W11
T 12	4 39 4	10°28'17	8♌23	1♐22	28°47	28°43	28°10	21°32	21°32	16°32	28°32	14° 5	12°56	10°50	n.a.	T 12
F 13	4 43 1	11°29'26	22°49	2°58	0♑ 2	29°26	28° 7	21°39	21°35	16°33	28°32	14° 3	12°53	10°57	n.a.	F 13
S 14	4 46 57	12°30'34	7♍ 3	4°34	1°17	0♏ 9	28° 3	21°46	21°38	16°34	28°31	14°D 2	12°50	11° 4	n.a.	S 14
S 15	4 50 54	13°31'42	21° 2	6°10	2°31	0°51	27°59	21°53	21°41	16°36	28°31	14° 2	12°46	11°10	n.a.	S 15
M16	4 54 51	14°32'49	4♎45	7°47	3°46	1°34	27°55	21°59	21°44	16°37	28°31	14° 3	12°43	11°17	n.a.	M16
T 17	4 58 47	15°33'55	18°14	9°25	5° 1	2°17	27°51	22° 6	21°47	16°38	28°31	14° 4	12°40	11°24	n.a.	T 17
W18	5 2 44	16°35'01	1♏29	11° 3	6°16	3° 0	27°47	22°13	21°50	16°40	28°31	14° 6	12°37	11°31	n.a.	W18
T 19	5 6 40	17°36'06	14°32	12°42	7°31	3°43	27°42	22°19	21°53	16°41	28°31	14°R 7	12°34	11°37	n.a.	T 19
F 20	5 10 37	18°37'10	27°22	14°22	8°45	4°25	27°38	22°26	21°56	16°42	28°30	14° 6	12°30	11°44	n.a.	F 20
S 21	5 14 33	19°38'14	10♐ 1	16° 2	10° 0	5° 8	27°33	22°32	21°59	16°44	28°30	14° 3	12°27	11°51	n.a.	S 21
S 22	5 18 30	20°39'16	22°29	17°43	11°15	5°51	27°28	22°39	22° 2	16°45	28°30	13°58	12°24	11°58	n.a.	S 22
M23	5 22 27	21°40'17	4♑47	19°24	12°30	6°34	27°23	22°45	22° 5	16°47	28°D30	13°52	12°21	12° 4	n.a.	M23
T 24	5 26 23	22°41'16	16°56	21° 6	13°44	7°17	27°18	22°52	22° 8	16°48	28°30	13°45	12°18	12°11	n.a.	T 24
W25	5 30 20	23°42'15	28°57	22°49	14°59	8° 0	27°12	22°58	22°11	16°50	28°30	13°37	12°15	12°18	n.a.	W25
T 26	5 34 16	24°43'12	10♒52	24°33	16°14	8°43	27° 7	23° 4	22°14	16°51	28°30	13°29	12°11	12°24	n.a.	T 26
F 27	5 38 13	25°44'07	22°43	26°17	17°28	9°26	27° 1	23°11	22°17	16°53	28°30	13°23	12° 8	12°31	n.a.	F 27
S 28	5 42 9	26°45'01	4♓35	28° 2	18°43	10° 9	26°55	23°17	22°20	16°54	28°31	13°18	12° 5	12°38	n.a.	S 28
S 29	5 46 6	27°45'53	16°30	29°47	19°58	10°52	26°49	23°23	22°24	16°56	28°31	13°16	12° 2	12°45	n.a.	S 29
M30	5 50 2	28°46'43	28°35	1♑34	21°12	11°36	26°43	23°29	22°27	16°57	28°31	13°D15	11°59	12°51	n.a.	M30
T 31	5 53 59	29♐47'32	10♈53	3♑20	22♑27	12♏19	26♋37	23♏36	22♑30	16♒59	28♓31	13♉15	11♉56	12♒58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s19	12s56	4s48	16s25	0n 1	24s 5	1s 7	7s44	0n37	21n50	1n 4	16s44	1n25	22s46	0s38	17s27	1s19	15s30	16s22	16n22	16n 9	23s 4			n.a.
M 2	20 32	7 39	4 15	16 59	0s 6	24 15	1 9	8 0	0 37	21 50	1 5	16 46	1 25	22 46	0 38	17 27	1 19	15 30	16 21	16 23	16 8	23 2			n.a.
T 3	20 45	1 57	3 29	17 31	0 13	24 24	1 10	8 17	0 36	21 51	1 5	16 48	1 25	22 45	0 37	17 26	1 19	15 30	16 21	16 23	16 7	23 1			n.a.
W 4	20 58	3n58	2 31	18 4	0 20	24 32	1 12	8 33	0 36	21 51	1 5	16 50	1 25	22 45	0 37	17 26	1 19	15 30	16 21	16 23	16 6	22 59			n.a.
T 5	21 10	9 54	1 25	18 35	0 27	24 40	1 14	8 50	0 35	21 52	1 5	16 52	1 25	22 44	0 37	17 26	1 19	15 29	16 20	16 24	16 5	22 57			n.a.
F 6	21 21	15 34	0 12	19 6	0 33	24 47	1 15	9 6	0 34	21 53	1 6	16 53	1 25	22 44	0 37	17 25	1 19	15 29	16 20	16 24	16 4	22 55			n.a.
S 7	21 33	20 37	1n 4	19 36	0 40	24 53	1 17	9 22	0 34	21 53	1 6	16 55	1 25	22 43	0 37	17 25	1 19	15 29	16 20	16 24	16 3	22 53			n.a.
S 8	21 44	24 36	2 17	20 5	0 46	24 59	1 18	9 39	0 33	21 54	1 6	16 57	1 25	22 43	0 37	17 25	1 19	15 29	16 19	16 23	16 2	22 51			n.a.
M 9	21 54	27 6	3 23	20 34	0 52	25 3	1 20	9 55	0 33	21 55	1 6	16 59	1 25	22 43	0 37	17 24	1 19	15 29	16 19	16 23	16 1	22 49			n.a.
T 10	22 4	27 47	4 17	21 1	0 58	25 7	1 21	10 11	0 32	21 56	1 7	17 1	1 25	22 42	0 37	17 24	1 19	15 29	16 19	16 22	16 0	22 48			n.a.
W11	22 14	26 31	4 54	21 28	1 3	25 11	1 22	10 27	0 31	21 57	1 7	17 3	1 25	22 42	0 37	17 24	1 19	15 28	16 18	16 21	15 59	22 46			n.a.
T 12	22 23	23 28	5 12	21 54	1 9	25 13	1 23	10 43	0 31	21 58	1 7	17 4	1 25	22 41	0 37	17 23	1 19	15 28	16 18	16 20	15 58	22 44			n.a.
F 13	22 32	19 0	5 10	22 18	1 14	25 14	1 25	10 59	0 30	21 59	1 8	17 6	1 25	22 41	0 37	17 23	1 19	15 28	16 18	16 19	15 57	22 42			n.a.
S 14	22 40	13 31	4 49	22 42	1 19	25 15	1 26	11 15	0 30	22 0	1 8	17 8	1 25	22 40	0 37	17 22	1 19	15 28	16 17	16 18	15 56	22 40			n.a.
S 15	22 48	7 26	4 11	23 4	1 24	25 15	1 27	11 30	0 29	22 1	1 8	17 10	1 25	22 40	0 37	17 22	1 19	15 28	16 17	16 18	15 55	22 38			n.a.
M16	22 55	1 7	3 19	23 25	1 29	25 14	1 28	11 46	0 28	22 2	1 8	17 12	1 25	22 39	0 37	17 22	1 19	15 27	16 17	16 19	15 54	22 36			n.a.
T 17	23 2	5s10	2 17	23 45	1 33	25 13	1 29	12 2	0 28	22 3	1 9	17 13	1 25	22 39	0 37	17 21	1 19	15 27	16 16	16 19	15 53	22 34			n.a.
W18	23 8	11 7	1 8	24 4	1 37	25 10	1 30	12 17	0 27	22 4	1 9	17 15	1 25	22 38	0 37	17 21	1 19	15 27	16 16	16 20	15 52	22 32			n.a.
T 19	23 14	16 30	0s 2	24 21	1 41	25 7	1 31	12 33	0 26	22 5	1 9	17 17	1 25	22 38	0 37	17 20	1 19	15 26	16 16	16 20	15 51	22 30			n.a.
F 20	23 20	21 3	1 12	24 37	1 44	25 3	1 31	12 48	0 26	22 6	1 9	17 18	1 25	22 37	0 37	17 20	1 19	15 26	16 15	16 20	15 50	22 29			n.a.
S 21	23 25	24 34	2 16	24 52	1 48	24 59	1 32	13 3	0 25	22 8	1 10	17 20	1 25	22 37	0 37	17 19	1 19	15 26	16 15	16 19	15 49	22 27			n.a.
S 22	23 30	26 50	3 13	25 5	1 51	24 53	1 33	13 18	0 24	22 9	1 10	17 22	1 25	22 36	0 37	17 19	1 18	15 26	16 15	16 17	15 49	22 25			n.a.
M23	23 34	27 45	4 1	25 17	1 53	24 47	1 33	13 33	0 24	22 10	1 10	17 23	1 25	22 36	0 37	17 18	1 18	15 25	16 14	16 16	15 48	22 23			n.a.
T 24	23 37	27 18	4 36	25 26	1 55	24 40	1 34	13 48	0 23	22 11	1 11	17 25	1 25	22 35	0 37	17 18	1 18	15 25	16 14	16 13	15 47	22 21			n.a.
W25	23 41	25 34	4 59	25 35	1 57	24 32	1 34	14 3	0 22	22 13	1 11	17 27	1 25	22 35	0 37	17 17	1 18	15 25	16 14	16 11	15 46	22 19			n.a.
T 26	23 43	22 43	5 8	25 41	1 59	24 23	1 35	14 18	0 22	22 14	1 11	17 28	1 25	22 34	0 37	17 17	1 18	15 24	16 13	16 9	15 45	22 17			n.a.
F 27	23 45	18 57	5 5	25 46	2 0	24 14	1 35	14 32	0 21	22 15	1 11	17 30	1 25	22 34	0 37	17 16	1 18	15 24	16 13	16 7	15 44	22 15			n.a.
S 28	23 47	14 26	4 48	25 49	2 0	24 4	1 35	14 47	0 20	22 17	1 11	17 32	1 25	22 33	0 37	17 16	1 18	15 24	16 13	16 5	15 43	22 13			n.a.
S 29	23 49	9 22	4 19	25 50	2 0	23 53	1 35	15 1	0 19	22 18	1 12	17 33	1 25	22 33	0 37	17 15	1 18	15 23	16 12	16 4	15 42	22 11			n.a.
M30	23 49	3 54	3 38	25 49	2 0	23 42	1 35	15 16	0 19	22 20	1 12	17 35	1 25	22 32	0 37	17 15	1 18	15 23	16 12	16 4	15 41	22 9			n.a.
T 31	23s50	1n50	2s46	25s46	1s59	23s30	1s36	15s30	0n18	22n21	1n12	17s36	1n25	22s32	0s37	17s14	1s18	15s22	16s11	16n 4	15n40	22s 7			n.a.

Julian Day Number = 1317790.5, Delta T = 07h35m41s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'49, Lahiri = -19°12'48 Julian Calendar 1 Dec. 1106 BCE == Greg. Calendar 20 Nov. 1106 BCE

The year -1105 astronomical counting style corresponds to year 1106 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

JANUARY 1105 BCE (-1104) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 57 56	0♉48'19	23♈30	5♉ 8	23♉41	13♏ 2	26°R31	23♏42	22♉33	17♒ 1	28♓31	13♉17	11♉52	13♒ 5	n.a.	W 1
T 2	6 1 52	1°49'04	6♉30	6°56	24°55	13°45	26♋24	23°48	22°37	17° 3	28°31	13°R18	11°49	13°11	n.a.	T 2
F 3	6 5 49	2°49'48	19°56	8°45	26°10	14°28	26°17	23°54	22°40	17° 4	28°32	13°18	11°46	13°18	n.a.	F 3
S 4	6 9 45	3°50'30	3♊51	10°34	27°24	15°12	26°11	24° 0	22°43	17° 6	28°32	13°16	11°43	13°25	n.a.	S 4
S 5	6 13 42	4°51'10	18°13	12°23	28°39	15°55	26° 4	24° 6	22°46	17° 8	28°32	13°12	11°40	13°32	n.a.	S 5
M 6	6 17 38	5°51'49	2♋57	14°12	29°53	16°38	25°57	24°11	22°50	17°10	28°32	13° 5	11°36	13°38	n.a.	M 6
T 7	6 21 35	6°52'26	17°57	16° 2	1♒ 7	17°22	25°50	24°17	22°53	17°11	28°33	12°57	11°33	13°45	n.a.	T 7
W 8	6 25 31	7°53'01	3♌ 2	17°51	2°21	18° 5	25°43	24°23	22°56	17°13	28°33	12°48	11°30	13°52	n.a.	W 8
T 9	6 29 28	8°53'35	18° 4	19°41	3°36	18°48	25°36	24°29	23° 0	17°15	28°33	12°40	11°27	13°59	n.a.	T 9
F 10	6 33 25	9°54'07	2♍52	21°29	4°50	19°32	25°28	24°34	23° 3	17°17	28°34	12°33	11°24	14° 5	n.a.	F 10
S 11	6 37 21	10°54'38	17°22	23°17	6° 4	20°15	25°21	24°40	23° 6	17°19	28°34	12°28	11°21	14°12	n.a.	S 11
S 12	6 41 18	11°55'07	1♎28	25° 4	7°18	20°59	25°14	24°45	23°10	17°21	28°34	12°26	11°17	14°19	n.a.	S 12
M13	6 45 14	12°55'35	15°11	26°49	8°32	21°42	25° 6	24°51	23°13	17°23	28°35	12°D25	11°14	14°25	n.a.	M13
T 14	6 49 11	13°56'01	28°32	28°32	9°46	22°26	24°59	24°56	23°17	17°25	28°35	12°26	11°11	14°32	n.a.	T 14
W15	6 53 7	14°56'26	11♏33	0♒13	11° 0	23° 9	24°51	25° 2	23°20	17°27	28°36	12°R27	11° 8	14°39	n.a.	W15
T 16	6 57 4	15°56'49	24°19	1°51	12°14	23°53	24°43	25° 7	23°23	17°29	28°36	12°26	11° 5	14°46	n.a.	T 16
F 17	7 1 0	16°57'10	6♐51	3°25	13°28	24°36	24°36	25°12	23°27	17°31	28°37	12°23	11° 2	14°52	n.a.	F 17
S 18	7 4 57	17°57'30	19°13	4°55	14°42	25°20	24°28	25°17	23°30	17°33	28°37	12°17	10°58	14°59	n.a.	S 18
S 19	7 8 54	18°57'49	1♑26	6°21	15°56	26° 4	24°20	25°22	23°34	17°35	28°38	12° 9	10°55	15° 6	n.a.	S 19
M20	7 12 50	19°58'05	13°33	7°42	17° 9	26°47	24°12	25°27	23°37	17°37	28°39	11°58	10°52	15°13	n.a.	M20
T 21	7 16 47	20°58'19	25°33	8°56	18°23	27°31	24° 4	25°32	23°41	17°39	28°39	11°45	10°49	15°19	n.a.	T 21
W22	7 20 43	21°58'32	7♒29	10° 4	19°37	28°15	23°57	25°37	23°44	17°41	28°40	11°31	10°46	15°26	n.a.	W22
T 23	7 24 40	22°58'42	19°22	11° 6	20°50	28°58	23°49	25°42	23°48	17°43	28°40	11°18	10°42	15°33	n.a.	T 23
F 24	7 28 36	23°58'50	1♓13	11°59	22° 4	29°42	23°41	25°47	23°51	17°45	28°41	11° 6	10°39	15°39	n.a.	F 24
S 25	7 32 33	24°58'56	13° 5	12°44	23°18	0♐26	23°33	25°52	23°54	17°47	28°42	10°56	10°36	15°46	n.a.	S 25
S 26	7 36 29	25°59'00	25° 0	13°21	24°31	1°10	23°25	25°56	23°58	17°49	28°42	10°50	10°33	15°53	n.a.	S 26
M27	7 40 26	26°59'01	7♈ 3	13°49	25°45	1°53	23°17	26° 1	24° 1	17°52	28°43	10°46	10°30	16° 0	n.a.	M27
T 28	7 44 23	27°59'00	19°17	14° 8	26°58	2°37	23° 9	26° 5	24° 5	17°54	28°44	10°44	10°27	16° 6	n.a.	T 28
W29	7 48 19	28°58'57	1♉49	14°18	28°11	3°21	23° 2	26°10	24° 8	17°56	28°45	10°D44	10°23	16°13	n.a.	W29
T 30	7 52 16	29°58'52	14°42	14°R18	29°25	4° 5	22°54	26°14	24°12	17°58	28°45	10°R44	10°20	16°20	n.a.	T 30
F 31	7 56 12	0♒58'44	28♉ 2	14♒10	0♓38	4♐49	22♋46	26♏18	24♉15	18♒ 0	28♓46	10♉43	10♉17	16♒27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s50	7n39	1 s45	25 s42	1 s58	23 s17	1 s35	15 s44	0n17	22n23	1n12	17 s38	1n25	22 s31	0 s37	17 s14	1 s18	15 s22	16 s11	16n 5	15n39	22 s 5			n.a.
T 2	23 49	13 20	0 37	25 35	1 56	23 3	1 35	15 58	0 17	22 24	1 13	17 39	1 25	22 30	0 37	17 13	1 18	15 22	16 11	16 5	15 38	22 3			n.a.
F 3	23 48	18 35	0n36	25 26	1 54	22 49	1 35	16 11	0 16	22 26	1 13	17 41	1 25	22 30	0 37	17 13	1 18	15 21	16 10	16 5	15 37	22 1			n.a.
S 4	23 46	23 2	1 48	25 14	1 51	22 34	1 35	16 25	0 15	22 27	1 13	17 42	1 25	22 29	0 37	17 12	1 18	15 21	16 10	16 4	15 36	21 59			n.a.
S 5	23 44	26 13	2 56	25 1	1 47	22 18	1 35	16 39	0 14	22 29	1 13	17 44	1 25	22 29	0 37	17 12	1 18	15 20	16 10	16 3	15 35	21 57			n.a.
M 6	23 42	27 42	3 54	24 46	1 43	22 2	1 34	16 52	0 14	22 30	1 13	17 45	1 25	22 28	0 37	17 11	1 18	15 20	16 9	16 1	15 34	21 55			n.a.
T 7	23 39	27 10	4 37	24 28	1 38	21 45	1 34	17 5	0 13	22 32	1 14	17 46	1 25	22 28	0 37	17 10	1 18	15 20	16 9	15 59	15 33	21 53			n.a.
W 8	23 35	24 40	5 1	24 8	1 32	21 28	1 33	17 18	0 12	22 33	1 14	17 48	1 25	22 27	0 37	17 10	1 18	15 19	16 9	15 56	15 32	21 51			n.a.
T 9	23 31	20 28	5 4	23 47	1 26	21 10	1 32	17 31	0 11	22 35	1 14	17 49	1 25	22 26	0 37	17 9	1 18	15 19	16 8	15 53	15 31	21 49			n.a.
F 10	23 27	15 3	4 46	23 23	1 19	20 51	1 32	17 44	0 10	22 36	1 14	17 51	1 25	22 26	0 37	17 9	1 18	15 18	16 8	15 51	15 30	21 46			n.a.
S 11	23 22	8 54	4 11	22 57	1 11	20 32	1 31	17 57	0 10	22 38	1 14	17 52	1 25	22 25	0 37	17 8	1 18	15 18	16 8	15 50	15 29	21 44			n.a.
S 12	23 17	2 28	3 21	22 30	1 3	20 12	1 30	18 9	0 9	22 39	1 15	17 53	1 25	22 25	0 37	17 7	1 18	15 17	16 7	15 49	15 28	21 42			n.a.
M13	23 11	3 s55	2 20	22 0	0 53	19 51	1 29	18 21	0 8	22 41	1 15	17 54	1 25	22 24	0 37	17 7	1 18	15 17	16 7	15 49	15 27	21 40			n.a.
T 14	23 5	9 59	1 14	21 30	0 43	19 30	1 28	18 34	0 7	22 43	1 15	17 56	1 25	22 24	0 37	17 6	1 18	15 16	16 7	15 49	15 26	21 38			n.a.
W15	22 59	15 28	0 5	20 58	0 32	19 9	1 27	18 46	0 6	22 44	1 15	17 57	1 25	22 23	0 37	17 6	1 18	15 16	16 6	15 49	15 25	21 36			n.a.
T 16	22 51	20 10	1 s 3	20 24	0 21	18 47	1 26	18 58	0 5	22 46	1 15	17 58	1 26	22 22	0 37	17 5	1 18	15 15	16 6	15 49	15 24	21 34			n.a.
F 17	22 44	23 53	2 6	19 51	0 8	18 24	1 25	19 9	0 5	22 47	1 15	18 0	1 26	22 22	0 37	17 4	1 18	15 15	16 6	15 48	15 23	21 32			n.a.
S 18	22 36	26 25	3 2	19 16	0n 5	18 1	1 24	19 21	0 4	22 49	1 15	18 1	1 26	22 21	0 37	17 4	1 18	15 14	16 5	15 46	15 22	21 30			n.a.
S 19	22 28	27 38	3 49	18 42	0 18	17 38	1 22	19 32	0 3	22 50	1 16	18 2	1 26	22 21	0 37	17 3	1 18	15 14	16 5	15 44	15 21	21 28			n.a.
M20	22 19	27 31	4 25	18 7	0 32	17 14	1 21	19 43	0 2	22 52	1 16	18 3	1 26	22 20	0 37	17 2	1 18	15 13	16 5	15 40	15 20	21 26			n.a.
T 21	22 10	26 6	4 49	17 33	0 47	16 49	1 19	19 54	0 1	22 53	1 16	18 4	1 26	22 19	0 37	17 2	1 18	15 13	16 4	15 36	15 19	21 23			n.a.
W22	22 0	23 31	5 0	17 1	1 2	16 24	1 18	20 5	0 0	22 55	1 16	18 5	1 26	22 19	0 37	17 1	1 18	15 12	16 4	15 32	15 18	21 21			n.a.
T 23	21 50	19 57	4 58	16 29	1 18	15 59	1 16	20 16	0 s 1	22 56	1 16	18 6	1 26	22 18	0 37	17 0	1 18	15 11	16 4	15 28	15 17	21 19			n.a.
F 24	21 40	15 36	4 43	15 59	1 33	15 33	1 14	20 26	0 2	22 58	1 16	18 8	1 26	22 18	0 37	17 0	1 18	15 11	16 3	15 24	15 16	21 17			n.a.
S 25	21 29	10 40	4 15	15 32	1 49	15 7	1 13	20 37	0 2	22 59	1 16	18 9	1 26	22 17	0 37	16 59	1 18	15 10	16 3	15 21	15 15	21 15			n.a.
S 26	21 18	5 20	3 37	15 6	2 4	14 40	1 11	20 47	0 3	23 1	1 16	18 10	1 26	22 16	0 37	16 58	1 18	15 10	16 3	15 19	15 14	21 13			n.a.
M27	21 6	0n16	2 48	14 44	2 19	14 14	1 9	20 57	0 4	23 2	1 17	18 11	1 26	22 16	0 37	16 58	1 18	15 9	16 2	15 18	15 13	21 10			n.a.
T 28	20 54	5 58	1 51	14 25	2 33	13 46	1 7	21 7	0 5	23 4	1 17	18 12	1 26	22 15	0 37	16 57	1 18	15 9	16 2	15 17	15 12	21 8			n.a.
W29	20 42	11 34	0 47	14 9	2 47	13 19	1 5	21 16	0 6	23 5	1 17	18 13	1 26	22 15	0 37	16 56	1 18	15 8	16 2	15 17	15 11	21 6			n.a.
T 30	20 29	16 51	0n21	13 56	3 0	12 51	1 3	21 25	0 7	23 7	1 17	18 14	1 26	22 14	0 37	16 56	1 18	15 7	16 1	15 17	15 10	21 4			n.a.
F 31	20 s16	21n30	1n30	13 s47	3n12	12 s22	1 s 1	21 s35	0 s 8	23n 8	1n17	18 s15	1n26	22 s13	0 s37	16 s55	1 s18	15 s 7	16 s 1	15n17	15n 9	21 s 2			n.a.

Julian Day Number = 1317821.5, Delta T = 07h35m40s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'44, Lahiri = -19°12'44 Julian Calendar 1 Jan. 1105 BCE == Greg. Calendar 21 Dec. 1106 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

FEBRUARY 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 9	1♒58'34	11♊51	13°R53	1♓51	5♐33	22°R38	26♏22	24♉18	18♒ 2	28♓47	10°R40	10♉14	16♒33	n.a.	S 1
S 2	8 4 5	2°58'21	26°10	13♒28	3° 4	6°17	22♋31	26°27	24°22	18° 5	28°48	10♉34	10°11	16°40	n.a.	S 2
M 3	8 8 2	3°58'07	10♋57	12°55	4°17	7° 0	22°23	26°31	24°25	18° 7	28°49	10°26	10° 8	16°47	n.a.	M 3
T 4	8 11 58	4°57'50	26° 5	12°15	5°30	7°44	22°16	26°34	24°29	18° 9	28°50	10°16	10° 4	16°53	n.a.	T 4
W 5	8 15 55	5°57'30	11♌24	11°30	6°43	8°28	22° 8	26°38	24°32	18°11	28°50	10° 5	10° 1	17° 0	n.a.	W 5
T 6	8 19 52	6°57'09	26°43	10°41	7°56	9°12	22° 1	26°42	24°35	18°13	28°51	9°54	9°58	17° 7	n.a.	T 6
F 7	8 23 48	7°56'45	11♍51	9°48	9° 9	9°56	21°53	26°46	24°39	18°16	28°52	9°44	9°55	17°14	n.a.	F 7
S 8	8 27 45	8°56'20	26°38	8°52	10°21	10°40	21°46	26°49	24°42	18°18	28°53	9°37	9°52	17°20	n.a.	S 8
S 9	8 31 41	9°55'52	10♎59	7°56	11°34	11°24	21°39	26°53	24°45	18°20	28°54	9°33	9°48	17°27	n.a.	S 9
M10	8 35 38	10°55'23	24°51	7° 0	12°47	12° 8	21°32	26°56	24°49	18°22	28°55	9°31	9°45	17°34	n.a.	M10
T 11	8 39 34	11°54'52	8♏16	6° 5	13°59	12°52	21°25	27° 0	24°52	18°25	28°56	9°31	9°42	17°41	n.a.	T 11
W12	8 43 31	12°54'19	21°16	5°13	15°12	13°36	21°18	27° 3	24°55	18°27	28°57	9°31	9°39	17°47	n.a.	W12
T 13	8 47 27	13°53'44	3♐57	4°24	16°24	14°20	21°11	27° 6	24°59	18°29	28°58	9°30	9°36	17°54	n.a.	T 13
F 14	8 51 24	14°53'07	16°21	3°40	17°37	15° 4	21° 4	27° 9	25° 2	18°32	28°59	9°27	9°33	18° 1	n.a.	F 14
S 15	8 55 21	15°52'28	28°33	3° 0	18°49	15°49	20°58	27°12	25° 5	18°34	29° 0	9°21	9°29	18° 7	n.a.	S 15
S 16	8 59 17	16°51'47	10♑36	2°25	20° 1	16°33	20°51	27°15	25° 9	18°36	29° 1	9°12	9°26	18°14	n.a.	S 16
M17	9 3 14	17°51'05	22°34	1°56	21°13	17°17	20°45	27°18	25°12	18°38	29° 2	9° 0	9°23	18°21	n.a.	M17
T 18	9 7 10	18°50'20	4♒28	1°32	22°25	18° 1	20°39	27°21	25°15	18°41	29° 3	8°47	9°20	18°28	n.a.	T 18
W19	9 11 7	19°49'33	16°21	1°15	23°37	18°45	20°33	27°24	25°18	18°43	29° 4	8°32	9°17	18°34	n.a.	W19
T 20	9 15 3	20°48'43	28°12	1° 3	24°49	19°29	20°27	27°26	25°21	18°45	29° 5	8°18	9°13	18°41	n.a.	T 20
F 21	9 19 0	21°47'52	10♓ 5	0°57	26° 1	20°13	20°21	27°29	25°25	18°47	29° 7	8° 6	9°10	18°48	n.a.	F 21
S 22	9 22 56	22°46'58	22° 0	0°D57	27°13	20°57	20°15	27°31	25°28	18°50	29° 8	7°55	9° 7	18°54	n.a.	S 22
S 23	9 26 53	23°46'02	4♈ 0	1° 2	28°24	21°41	20°10	27°33	25°31	18°52	29° 9	7°48	9° 4	19° 1	n.a.	S 23
M24	9 30 49	24°45'03	16° 6	1°13	29°36	22°26	20° 4	27°36	25°34	18°54	29°10	7°44	9° 1	19° 8	n.a.	M24
T 25	9 34 46	25°44'03	28°24	1°28	0♈48	23°10	19°59	27°38	25°37	18°56	29°11	7°42	8°58	19°15	n.a.	T 25
W26	9 38 43	26°42'59	10♉55	1°49	1°59	23°54	19°54	27°40	25°40	18°59	29°12	7°D41	8°54	19°21	n.a.	W26
T 27	9 42 39	27°41'54	23°46	2°14	3°10	24°38	19°49	27°42	25°43	19° 1	29°13	7°R42	8°51	19°28	n.a.	T 27
F 28	9 46 36	28°40'46	7♊ 0	2°44	4°22	25°22	19°44	27°44	25°46	19° 3	29°15	7°41	8°48	19°35	n.a.	F 28
S 29	9 50 32	29♒39'35	20♊40	3♒18	5♈33	26♐ 6	19♋39	27♏45	25♉49	19♒ 5	29♓16	7♉40	8♉45	19♒42	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 2	25n 9	2n36	13s42	3n23	11s54	0s59	21s43	0s 9	23n 9	1n17	18s16	1n26	22s13	0s37	16s54	1s18	15s 6	16s 1	15n16	15n 8	21s 0		n.a.
S 2	19 49	27 21	3 35	13 40	3 32	11 25	0 56	21 52	0 10	23 11	1 17	18 16	1 26	22 12	0 37	16 54	1 18	15 6	16 0	15 14	15 7	20 57		n.a.
M 3	19 35	27 43	4 22	13 42	3 40	10 56	0 54	22 1	0 11	23 12	1 17	18 17	1 26	22 12	0 37	16 53	1 18	15 5	16 0	15 11	15 5	20 55		n.a.
T 4	19 20	26 2	4 51	13 47	3 46	10 26	0 52	22 9	0 12	23 13	1 17	18 18	1 27	22 11	0 37	16 52	1 18	15 4	16 0	15 8	15 4	20 53		n.a.
W 5	19 5	22 26	5 0	13 56	3 50	9 57	0 49	22 17	0 13	23 15	1 17	18 19	1 27	22 10	0 37	16 51	1 18	15 4	16 0	15 5	15 3	20 51		n.a.
T 6	18 50	17 18	4 47	14 7	3 52	9 27	0 47	22 25	0 14	23 16	1 17	18 20	1 27	22 10	0 37	16 51	1 18	15 3	15 59	15 1	15 2	20 49		n.a.
F 7	18 35	11 8	4 15	14 22	3 52	8 57	0 44	22 33	0 15	23 17	1 17	18 21	1 27	22 9	0 37	16 50	1 18	15 3	15 59	14 58	15 1	20 46		n.a.
S 8	18 19	4 30	3 25	14 38	3 50	8 27	0 41	22 40	0 16	23 18	1 17	18 21	1 27	22 9	0 37	16 49	1 18	15 2	15 59	14 56	15 0	20 44		n.a.
S 9	18 3	2s12	2 24	14 57	3 46	7 56	0 39	22 48	0 17	23 20	1 17	18 22	1 27	22 8	0 37	16 49	1 18	15 1	15 59	14 54	14 59	20 42		n.a.
M10	17 46	8 35	1 17	15 16	3 40	7 25	0 36	22 55	0 18	23 21	1 17	18 23	1 27	22 7	0 37	16 48	1 18	15 1	15 58	14 54	14 58	20 40		n.a.
T 11	17 30	14 23	0 7	15 37	3 33	6 55	0 33	23 1	0 19	23 22	1 17	18 24	1 27	22 7	0 37	16 47	1 18	15 0	15 58	14 54	14 57	20 37		n.a.
W12	17 13	19 22	1s 2	15 59	3 24	6 23	0 30	23 8	0 20	23 23	1 17	18 24	1 27	22 6	0 37	16 46	1 18	14 59	15 58	14 54	14 56	20 35		n.a.
T 13	16 56	23 20	2 5	16 20	3 13	5 52	0 28	23 14	0 21	23 24	1 17	18 25	1 27	22 6	0 37	16 46	1 18	14 59	15 57	14 53	14 55	20 33		n.a.
F 14	16 38	26 7	3 1	16 42	3 2	5 21	0 25	23 20	0 22	23 25	1 17	18 26	1 27	22 5	0 37	16 45	1 18	14 58	15 57	14 52	14 54	20 31		n.a.
S 15	16 20	27 37	3 48	17 4	2 49	4 50	0 22	23 26	0 23	23 26	1 17	18 26	1 27	22 4	0 37	16 44	1 18	14 58	15 57	14 50	14 53	20 28		n.a.
S 16	16 2	27 47	4 24	17 25	2 36	4 18	0 19	23 32	0 24	23 27	1 17	18 27	1 27	22 4	0 37	16 44	1 18	14 57	15 57	14 48	14 52	20 26		n.a.
M17	15 44	26 38	4 48	17 45	2 22	3 46	0 16	23 38	0 25	23 28	1 17	18 27	1 27	22 3	0 37	16 43	1 18	14 56	15 56	14 44	14 51	20 24		n.a.
T 18	15 25	24 17	4 59	18 4	2 8	3 15	0 13	23 43	0 26	23 29	1 17	18 28	1 28	22 3	0 37	16 42	1 18	14 56	15 56	14 39	14 50	20 21		n.a.
W19	15 6	20 54	4 57	18 22	1 53	2 43	0 9	23 48	0 27	23 30	1 17	18 29	1 28	22 2	0 37	16 41	1 18	14 55	15 56	14 35	14 49	20 19		n.a.
T 20	14 47	16 41	4 42	18 39	1 39	2 11	0 6	23 52	0 28	23 31	1 17	18 29	1 28	22 1	0 37	16 41	1 18	14 54	15 56	14 30	14 48	20 17		n.a.
F 21	14 28	11 50	4 15	18 54	1 24	1 39	0 3	23 57	0 29	23 32	1 17	18 30	1 28	22 1	0 37	16 40	1 18	14 54	15 56	14 26	14 47	20 15		n.a.
S 22	14 9	6 32	3 37	19 9	1 9	1 7	0n 0	24 1	0 31	23 33	1 17	18 30	1 28	22 0	0 37	16 39	1 18	14 53	15 55	14 23	14 46	20 12		n.a.
S 23	13 49	0 57	2 48	19 22	0 55	0 36	0 3	24 5	0 32	23 33	1 17	18 31	1 28	22 0	0 37	16 39	1 18	14 52	15 55	14 20	14 45	20 10		n.a.
M24	13 29	4n43	1 52	19 33	0 41	0 4	0 7	24 9	0 33	23 34	1 17	18 31	1 28	21 59	0 37	16 38	1 18	14 52	15 55	14 19	14 44	20 8		n.a.
T 25	13 9	10 19	0 49	19 43	0 27	0n28	0 10	24 13	0 34	23 35	1 17	18 31	1 28	21 59	0 37	16 37	1 18	14 51	15 55	14 18	14 43	20 5		n.a.
W26	12 49	15 37	0n17	19 51	0 14	1 0	0 13	24 16	0 35	23 36	1 17	18 32	1 28	21 58	0 37	16 37	1 18	14 50	15 55	14 18	14 42	20 3		n.a.
T 27	12 28	20 23	1 24	19 58	0 1	1 32	0 17	24 19	0 36	23 36	1 17	18 32	1 28	21 57	0 37	16 36	1 18	14 50	15 54	14 18	14 41	20 1		n.a.
F 28	12 7	24 17	2 29	20 3	0s12	2 4	0 20	24 22	0 37	23 37	1 17	18 32	1 28	21 57	0 38	16 35	1 18	14 49	15 54	14 18	14 40	19 58		n.a.
S 29	11s47	26n56	3n27	20s 7	0s24	2n36	0n23	24s24	0s38	23n38	1n17	18s33	1n28	21s56	0s38	16s34	1s18	14s49	15s54	14n17	14n39	19s56		n.a.

Julian Day Number = 1317852.5, Delta T = 07h35m38s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'40, Lahiri = -19°12'40 Julian Calendar 1 Feb. 1105 BCE == Greg. Calendar 21 Jan. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

MARCH 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 29	0♓38'23	4♋48	3♒56	6♈44	26♐50	19°R35	27♏47	25♑52	19♒ 8	29♓17	7°R36	8♉42	19♒48	n.a.	S 1
M 2	9 58 25	1°37'07	19°24	4°38	7°55	27°34	19♋31	27°49	25°55	19°10	29°18	7♉29	8°39	19°55	n.a.	M 2
T 3	10 2 22	2°35'50	4♌22	5°24	9° 6	28°19	19°26	27°50	25°58	19°12	29°20	7°21	8°35	20° 2	n.a.	T 3
W 4	10 6 18	3°34'30	19°36	6°13	10°16	29° 3	19°22	27°51	26° 1	19°14	29°21	7°11	8°32	20° 8	n.a.	W 4
T 5	10 10 15	4°33'08	4♍55	7° 5	11°27	29°47	19°19	27°53	26° 4	19°17	29°22	7° 2	8°29	20°15	n.a.	T 5
F 6	10 14 11	5°31'44	20° 7	8° 0	12°38	0♑31	19°15	27°54	26° 7	19°19	29°23	6°54	8°26	20°22	n.a.	F 6
S 7	10 18 8	6°30'17	5♎ 2	8°58	13°48	1°15	19°11	27°55	26°10	19°21	29°25	6°48	8°23	20°29	n.a.	S 7
S 8	10 22 5	7°28'49	19°33	10° 0	14°59	1°59	19° 8	27°56	26°12	19°23	29°26	6°45	8°19	20°35	n.a.	S 8
M 9	10 26 1	8°27'19	3♏36	11° 3	16° 9	2°43	19° 5	27°57	26°15	19°25	29°27	6°D43	8°16	20°42	n.a.	M 9
T 10	10 29 58	9°25'47	17°10	12°10	17°19	3°27	19° 2	27°58	26°18	19°27	29°28	6°44	8°13	20°49	n.a.	T 10
W11	10 33 54	10°24'14	0♐16	13°19	18°29	4°12	18°59	27°58	26°21	19°30	29°30	6°45	8°10	20°55	n.a.	W11
T 12	10 37 51	11°22'39	13° 0	14°30	19°39	4°56	18°57	27°59	26°23	19°32	29°31	6°R45	8° 7	21° 2	n.a.	T 12
F 13	10 41 47	12°21'02	25°25	15°44	20°49	5°40	18°54	27°59	26°26	19°34	29°32	6°44	8° 4	21° 9	n.a.	F 13
S 14	10 45 44	13°19'23	7♑35	17° 0	21°58	6°24	18°52	28° 0	26°28	19°36	29°34	6°41	8° 0	21°16	n.a.	S 14
S 15	10 49 40	14°17'43	19°35	18°18	23° 8	7° 8	18°50	28° 0	26°31	19°38	29°35	6°36	7°57	21°22	n.a.	S 15
M16	10 53 37	15°16'01	1♒29	19°38	24°18	7°52	18°48	28° 0	26°34	19°40	29°36	6°29	7°54	21°29	n.a.	M16
T 17	10 57 34	16°14'17	13°20	21° 0	25°27	8°36	18°46	28° 0	26°36	19°42	29°38	6°20	7°51	21°36	n.a.	T 17
W18	11 1 30	17°12'32	25°12	22°24	26°36	9°20	18°45	28°R 0	26°39	19°44	29°39	6°10	7°48	21°43	n.a.	W18
T 19	11 5 27	18°10'44	7♓ 5	23°50	27°45	10° 4	18°44	28° 0	26°41	19°46	29°40	6° 1	7°45	21°49	n.a.	T 19
F 20	11 9 23	19° 8'55	19° 2	25°19	28°54	10°48	18°42	28° 0	26°43	19°49	29°42	5°53	7°41	21°56	n.a.	F 20
S 21	11 13 20	20° 7'04	1♈ 4	26°49	0♉ 3	11°32	18°41	28° 0	26°46	19°51	29°43	5°46	7°38	22° 3	n.a.	S 21
S 22	11 17 16	21° 5'10	13°13	28°21	1°12	12°16	18°41	27°59	26°48	19°53	29°44	5°41	7°35	22° 9	n.a.	S 22
M23	11 21 13	22° 3'15	25°30	29°55	2°21	13° 0	18°40	27°59	26°50	19°55	29°46	5°39	7°32	22°16	n.a.	M23
T 24	11 25 9	23° 1'19	7♉58	1♓30	3°29	13°44	18°40	27°58	26°53	19°57	29°47	5°D39	7°29	22°23	n.a.	T 24
W25	11 29 6	23°59'20	20°39	3° 8	4°37	14°28	18°40	27°58	26°55	19°58	29°48	5°39	7°25	22°30	n.a.	W25
T 26	11 33 2	24°57'19	3♊36	4°47	5°46	15°12	18°D40	27°57	26°57	20° 0	29°50	5°41	7°22	22°36	n.a.	T 26
F 27	11 36 59	25°55'16	16°51	6°29	6°54	15°56	18°40	27°56	26°59	20° 2	29°51	5°42	7°19	22°43	n.a.	F 27
S 28	11 40 56	26°53'11	0♋28	8°12	8° 2	16°39	18°40	27°55	27° 1	20° 4	29°52	5°R42	7°16	22°50	n.a.	S 28
S 29	11 44 52	27°51'05	14°26	9°57	9° 9	17°23	18°41	27°54	27° 3	20° 6	29°54	5°41	7°13	22°56	n.a.	S 29
M30	11 48 49	28°48'56	28°48	11°44	10°17	18° 7	18°41	27°53	27° 5	20° 8	29°55	5°38	7°10	23° 3	n.a.	M30
T 31	11 52 45	29♓46'45	13♌28	13♓33	11♉24	18♑51	18♋42	27♏52	27♑ 7	20♒10	29♓57	5♉34	7♉ 6	23♒10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s25	27n59	4n15	20s 9	0s35	3n 7	0n27	24s27	0s39	23n38	1n17	18s33	1n28	21s56	0s38	16s34	1s18	14s48	15s54	14n16	14n38	19s54			n.a.
M 2	11 4	27 9	4 48	20 10	0 46	3 39	0 30	24 29	0 41	23 39	1 17	18 33	1 29	21 55	0 38	16 33	1 18	14 47	15 54	14 14	14 37	19 51			n.a.
T 3	10 43	24 22	5 3	20 9	0 57	4 11	0 34	24 31	0 42	23 39	1 16	18 34	1 29	21 55	0 38	16 32	1 18	14 47	15 53	14 11	14 36	19 49			n.a.
W 4	10 21	19 51	4 56	20 6	1 7	4 42	0 37	24 32	0 43	23 40	1 16	18 34	1 29	21 54	0 38	16 32	1 18	14 46	15 53	14 8	14 35	19 46			n.a.
T 5	10 0	14 1	4 28	20 2	1 16	5 13	0 41	24 34	0 44	23 40	1 16	18 34	1 29	21 54	0 38	16 31	1 18	14 45	15 53	14 5	14 34	19 44			n.a.
F 6	9 38	7 22	3 42	19 56	1 25	5 45	0 44	24 35	0 45	23 41	1 16	18 34	1 29	21 53	0 38	16 30	1 18	14 45	15 53	14 2	14 33	19 42			n.a.
S 7	9 16	0 25	2 41	19 48	1 33	6 16	0 48	24 36	0 46	23 41	1 16	18 34	1 29	21 53	0 38	16 30	1 18	14 44	15 53	14 0	14 32	19 39			n.a.
S 8	8 54	6s23	1 30	19 39	1 41	6 47	0 51	24 36	0 47	23 41	1 16	18 35	1 29	21 52	0 38	16 29	1 18	14 43	15 53	13 59	14 31	19 37			n.a.
M 9	8 32	12 39	0 17	19 28	1 48	7 17	0 55	24 37	0 49	23 42	1 16	18 35	1 29	21 52	0 38	16 28	1 18	14 43	15 53	13 59	14 29	19 34			n.a.
T 10	8 10	18 7	0s56	19 15	1 55	7 48	0 58	24 37	0 50	23 42	1 16	18 35	1 29	21 51	0 38	16 28	1 18	14 42	15 52	13 59	14 28	19 32			n.a.
W11	7 47	22 32	2 3	19 1	2 1	8 18	1 2	24 37	0 51	23 42	1 16	18 35	1 29	21 51	0 38	16 27	1 18	14 41	15 52	13 59	14 27	19 30			n.a.
T 12	7 25	25 44	3 2	18 45	2 6	8 48	1 5	24 36	0 52	23 43	1 16	18 35	1 29	21 50	0 38	16 26	1 18	14 41	15 52	13 59	14 26	19 27			n.a.
F 13	7 2	27 35	3 50	18 28	2 11	9 18	1 8	24 36	0 53	23 43	1 15	18 35	1 29	21 50	0 38	16 26	1 18	14 40	15 52	13 59	14 25	19 25			n.a.
S 14	6 39	28 4	4 28	18 9	2 16	9 48	1 12	24 35	0 55	23 43	1 15	18 35	1 29	21 49	0 38	16 25	1 18	14 39	15 52	13 58	14 24	19 22			n.a.
S 15	6 17	27 12	4 53	17 48	2 20	10 18	1 15	24 34	0 56	23 43	1 15	18 35	1 30	21 49	0 38	16 24	1 18	14 39	15 52	13 56	14 23	19 20			n.a.
M16	5 54	25 6	5 5	17 25	2 23	10 47	1 19	24 32	0 57	23 43	1 15	18 35	1 30	21 48	0 38	16 24	1 18	14 38	15 52	13 54	14 22	19 18			n.a.
T 17	5 31	21 55	5 4	17 1	2 26	11 16	1 22	24 31	0 58	23 44	1 15	18 35	1 30	21 48	0 38	16 23	1 18	14 38	15 52	13 51	14 21	19 15			n.a.
W18	5 8	17 52	4 49	16 36	2 28	11 45	1 26	24 29	0 59	23 44	1 15	18 35	1 30	21 47	0 38	16 22	1 18	14 37	15 52	13 48	14 20	19 13			n.a.
T 19	4 45	13 6	4 23	16 8	2 29	12 14	1 29	24 27	1 1	23 44	1 15	18 35	1 30	21 47	0 38	16 22	1 18	14 36	15 51	13 45	14 19	19 10			n.a.
F 20	4 22	7 50	3 44	15 39	2 30	12 42	1 32	24 25	1 2	23 44	1 15	18 35	1 30	21 46	0 38	16 21	1 18	14 36	15 51	13 42	14 18	19 8			n.a.
S 21	3 59	2 15	2 55	15 8	2 31	13 10	1 36	24 22	1 3	23 44	1 15	18 34	1 30	21 46	0 38	16 20	1 19	14 35	15 51	13 40	14 17	19 5			n.a.
S 22	3 35	3n29	1 58	14 36	2 31	13 37	1 39	24 19	1 4	23 44	1 14	18 34	1 30	21 46	0 38	16 20	1 19	14 35	15 51	13 38	14 16	19 3			n.a.
M23	3 12	9 10	0 55	14 1	2 30	14 5	1 42	24 16	1 6	23 44	1 14	18 34	1 30	21 45	0 38	16 19	1 19	14 34	15 51	13 37	14 15	19 0			n.a.
T 24	2 49	14 35	0n13	13 26	2 29	14 32	1 45	24 13	1 7	23 44	1 14	18 34	1 30	21 45	0 38	16 19	1 19	14 33	15 51	13 37	14 14	18 58			n.a.
W25	2 25	19 30	1 20	12 48	2 27	14 58	1 49	24 9	1 8	23 44	1 14	18 34	1 30	21 44	0 38	16 18	1 19	14 33	15 51	13 37	14 13	18 55			n.a.
T 26	2 2	23 36	2 26	12 9	2 25	15 25	1 52	24 6	1 9	23 43	1 14	18 33	1 30	21 44	0 38	16 17	1 19	14 32	15 51	13 38	14 12	18 53			n.a.
F 27	1 39	26 34	3 25	11 28	2 22	15 50	1 55	24 2	1 11	23 43	1 14	18 33	1 30	21 44	0 38	16 17	1 19	14 32	15 51	13 38	14 11	18 50			n.a.
S 28	1 15	28 4	4 14	10 46	2 19	16 16	1 58	23 58	1 12	23 43	1 14	18 33	1 31	21 43	0 38	16 16	1 19	14 31	15 51	13 38	14 10	18 48			n.a.
S 29	0 52	27 50	4 50	10 2	2 15	16 41	2 1	23 53	1 13	23 43	1 14	18 33	1 31	21 43	0 38	16 16	1 19	14 30	15 51	13 38	14 9	18 45			n.a.
M30	0 29	25 46	5 9	9 17	2 10	17 6	2 4	23 48	1 14	23 43	1 13	18 32	1 31	21 42	0 38	16 15	1 19	14 30	15 51	13 37	14 7	18 43			n.a.
T 31	0s 5	21n57	5n 8	8s30	2s 5	17n30	2n 7	23s44	1s16	23n42	1n13	18s32	1n31	21s42	0s38	16s15	1s19	14s29	15s51	13n36	14n 6	18s40			n.a.

Julian Day Number = 1317881.5, Delta T = 07h35m37s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'36, Lahiri = -19°12'36 Julian Calendar 1 March 1105 BCE == Greg. Calendar 19 Feb. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

APRIL 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 56 42	0♈44'32	28♌23	15♓24	12♉32	19♑34	18♋43	27°R50	27♑ 9	20♒12	29♓58	5°R29	7♉ 3	23♒17	n.a.	W 1
T 2	12 0 38	1°42'18	13♍24	17°16	13°39	20°18	18°44	27♏49	27°11	20°14	29°59	5♉25	7° 0	23°23	n.a.	T 2
F 3	12 4 35	2°40'02	28°23	19°11	14°46	21° 2	18°46	27°47	27°13	20°15	0♈ 1	5°20	6°57	23°30	n.a.	F 3
S 4	12 8 31	3°37'44	13♎10	21° 7	15°52	21°45	18°48	27°46	27°15	20°17	0° 2	5°17	6°54	23°37	n.a.	S 4
S 5	12 12 28	4°35'25	27°39	23° 5	16°59	22°29	18°49	27°44	27°17	20°19	0° 3	5°16	6°50	23°43	n.a.	S 5
M 6	12 16 25	5°33'04	11♏44	25° 5	18° 5	23°12	18°51	27°42	27°19	20°21	0° 5	5°D16	6°47	23°50	n.a.	M 6
T 7	12 20 21	6°30'42	25°23	27° 7	19°11	23°56	18°53	27°40	27°20	20°22	0° 6	5°17	6°44	23°57	n.a.	T 7
W 8	12 24 18	7°28'19	8♐35	29°10	20°17	24°39	18°56	27°39	27°22	20°24	0° 8	5°18	6°41	24° 4	n.a.	W 8
T 9	12 28 14	8°25'55	21°25	1♈15	21°23	25°23	18°58	27°37	27°24	20°26	0° 9	5°20	6°38	24°10	n.a.	T 9
F 10	12 32 11	9°23'30	3♑53	3°21	22°29	26° 6	19° 1	27°34	27°25	20°27	0°10	5°R21	6°35	24°17	n.a.	F 10
S 11	12 36 7	10°21'04	16° 6	5°29	23°34	26°49	19° 4	27°32	27°27	20°29	0°12	5°21	6°31	24°24	n.a.	S 11
S 12	12 40 4	11°18'36	28° 7	7°37	24°39	27°33	19° 7	27°30	27°28	20°31	0°13	5°20	6°28	24°30	n.a.	S 12
M13	12 44 0	12°16'08	10♒ 2	9°47	25°44	28°16	19°10	27°28	27°30	20°32	0°14	5°18	6°25	24°37	n.a.	M13
T 14	12 47 57	13°13'38	21°53	11°58	26°49	28°59	19°13	27°25	27°31	20°34	0°16	5°15	6°22	24°44	n.a.	T 14
W15	12 51 54	14°11'08	3♓46	14° 9	27°54	29°42	19°17	27°23	27°32	20°35	0°17	5°11	6°19	24°51	n.a.	W15
T 16	12 55 50	15° 8'36	15°42	16°20	28°58	0♒25	19°20	27°20	27°34	20°37	0°18	5° 8	6°16	24°57	n.a.	T 16
F 17	12 59 47	16° 6'03	27°45	18°32	0♊ 2	1° 8	19°24	27°17	27°35	20°38	0°20	5° 5	6°12	25° 4	n.a.	F 17
S 18	13 3 43	17° 3'29	9♈57	20°43	1° 6	1°51	19°28	27°14	27°36	20°40	0°21	5° 3	6° 9	25°11	n.a.	S 18
S 19	13 7 40	18° 0'54	22°19	22°53	2°10	2°34	19°32	27°12	27°37	20°41	0°22	5° 2	6° 6	25°17	n.a.	S 19
M20	13 11 36	18°58'18	4♉52	25° 3	3°13	3°17	19°37	27° 9	27°38	20°42	0°24	5°D 1	6° 3	25°24	n.a.	M20
T 21	13 15 33	19°55'40	17°38	27°12	4°16	4° 0	19°41	27° 6	27°39	20°44	0°25	5° 2	6° 0	25°31	n.a.	T 21
W22	13 19 29	20°53'02	0♊37	29°19	5°19	4°43	19°46	27° 3	27°41	20°45	0°26	5° 2	5°56	25°38	n.a.	W22
T 23	13 23 26	21°50'23	13°49	1♉25	6°21	5°25	19°51	27° 0	27°42	20°47	0°27	5° 3	5°53	25°44	n.a.	T 23
F 24	13 27 23	22°47'42	27°17	3°29	7°24	6° 8	19°56	26°56	27°42	20°48	0°29	5° 5	5°50	25°51	n.a.	F 24
S 25	13 31 19	23°45'00	11♋ 0	5°31	8°26	6°50	20° 1	26°53	27°43	20°49	0°30	5° 5	5°47	25°58	n.a.	S 25
S 26	13 35 16	24°42'17	24°57	7°31	9°27	7°33	20° 6	26°50	27°44	20°50	0°31	5°R 5	5°44	26° 4	n.a.	S 26
M27	13 39 12	25°39'32	9♌ 9	9°29	10°29	8°15	20°11	26°46	27°45	20°52	0°33	5° 5	5°41	26°11	n.a.	M27
T 28	13 43 9	26°36'47	23°33	11°25	11°30	8°58	20°17	26°43	27°46	20°53	0°34	5° 5	5°37	26°18	n.a.	T 28
W29	13 47 5	27°34'00	8♍ 5	13°18	12°31	9°40	20°23	26°39	27°46	20°54	0°35	5° 4	5°34	26°25	n.a.	W29
T 30	13 51 2	28♈31'12	22♍41	15♉ 9	13♊31	10♒22	20♋29	26♏36	27♑47	20♒55	0♈36	5♉ 3	5♉31	26♒31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n18	16n41	4n47	7s41	2s 0	17n54	2n10	23s38	1s17	23n42	1n13	18s32	1n31	21s42	0s38	16s14	1s19	14s29	15s51	13n34	14n 5	18s38		n.a.
T 2	0 41	10 23	4 5	6 51	1 54	18 18	2 13	23 33	1 18	23 42	1 13	18 31	1 31	21 41	0 38	16 13	1 19	14 28	15 51	13 32	14 4	18 35		n.a.
F 3	1 5	3 31	3 8	5 59	1 47	18 41	2 15	23 28	1 19	23 42	1 13	18 31	1 31	21 41	0 38	16 13	1 19	14 28	15 51	13 31	14 3	18 33		n.a.
S 4	1 28	3s29	1 58	5 6	1 40	19 3	2 18	23 22	1 21	23 41	1 13	18 30	1 31	21 41	0 39	16 12	1 19	14 27	15 51	13 30	14 2	18 30		n.a.
S 5	1 51	10 10	0 42	4 12	1 32	19 25	2 21	23 16	1 22	23 41	1 13	18 30	1 31	21 40	0 39	16 12	1 19	14 26	15 51	13 29	14 1	18 28		n.a.
M 6	2 14	16 10	0s35	3 16	1 24	19 47	2 23	23 10	1 23	23 40	1 12	18 29	1 31	21 40	0 39	16 11	1 19	14 26	15 51	13 29	14 0	18 25		n.a.
T 7	2 38	21 10	1 48	2 19	1 16	20 8	2 26	23 3	1 24	23 40	1 12	18 29	1 31	21 40	0 39	16 11	1 19	14 25	15 51	13 30	13 59	18 23		n.a.
W 8	3 1	24 56	2 52	1 21	1 7	20 29	2 28	22 57	1 26	23 39	1 12	18 29	1 31	21 39	0 39	16 10	1 19	14 25	15 51	13 30	13 58	18 20		n.a.
T 9	3 24	27 19	3 46	0 22	0 57	20 49	2 30	22 50	1 27	23 39	1 12	18 28	1 31	21 39	0 39	16 10	1 19	14 24	15 51	13 31	13 57	18 18		n.a.
F 10	3 47	28 14	4 28	0n38	0 48	21 9	2 33	22 43	1 28	23 38	1 12	18 27	1 31	21 39	0 39	16 9	1 19	14 24	15 51	13 31	13 56	18 15		n.a.
S 11	4 10	27 44	4 56	1 38	0 38	21 28	2 35	22 36	1 30	23 38	1 12	18 27	1 31	21 39	0 39	16 9	1 19	14 23	15 51	13 31	13 55	18 12		n.a.
S 12	4 33	25 57	5 11	2 39	0 27	21 46	2 37	22 28	1 31	23 37	1 12	18 26	1 31	21 38	0 39	16 8	1 19	14 23	15 51	13 31	13 54	18 10		n.a.
M13	4 55	23 2	5 13	3 41	0 17	22 4	2 39	22 21	1 32	23 37	1 11	18 26	1 31	21 38	0 39	16 8	1 19	14 22	15 51	13 30	13 53	18 7		n.a.
T 14	5 18	19 10	5 1	4 42	0 7	22 22	2 41	22 13	1 33	23 36	1 11	18 25	1 31	21 38	0 39	16 7	1 19	14 22	15 51	13 29	13 52	18 5		n.a.
W15	5 41	14 34	4 36	5 44	0n 4	22 39	2 43	22 5	1 35	23 35	1 11	18 25	1 31	21 38	0 39	16 7	1 19	14 21	15 51	13 28	13 51	18 2		n.a.
T 16	6 3	9 23	3 59	6 45	0 15	22 55	2 44	21 57	1 36	23 35	1 11	18 24	1 32	21 37	0 39	16 6	1 20	14 21	15 51	13 27	13 49	18 0		n.a.
F 17	6 26	3 49	3 11	7 46	0 25	23 11	2 46	21 49	1 37	23 34	1 11	18 23	1 32	21 37	0 39	16 6	1 20	14 20	15 51	13 26	13 48	17 57		n.a.
S 18	6 48	1n57	2 14	8 46	0 35	23 27	2 48	21 40	1 39	23 33	1 11	18 23	1 32	21 37	0 39	16 6	1 20	14 20	15 51	13 25	13 47	17 54		n.a.
S 19	7 11	7 45	1 10	9 44	0 45	23 41	2 49	21 31	1 40	23 33	1 11	18 22	1 32	21 37	0 39	16 5	1 20	14 19	15 51	13 24	13 46	17 52		n.a.
M20	7 33	13 20	0 1	10 42	0 55	23 55	2 50	21 23	1 41	23 32	1 11	18 21	1 32	21 37	0 39	16 5	1 20	14 19	15 51	13 24	13 45	17 49		n.a.
T 21	7 55	18 28	1n 9	11 38	1 5	24 9	2 52	21 14	1 42	23 31	1 10	18 21	1 32	21 36	0 39	16 4	1 20	14 19	15 51	13 24	13 44	17 47		n.a.
W22	8 17	22 50	2 17	12 33	1 14	24 22	2 53	21 4	1 44	23 30	1 10	18 20	1 32	21 36	0 39	16 4	1 20	14 18	15 52	13 25	13 43	17 44		n.a.
T 23	8 39	26 7	3 18	13 26	1 22	24 34	2 54	20 55	1 45	23 29	1 10	18 19	1 32	21 36	0 39	16 4	1 20	14 18	15 52	13 25	13 42	17 41		n.a.
F 24	9 0	27 58	4 10	14 17	1 30	24 46	2 55	20 46	1 46	23 29	1 10	18 18	1 32	21 36	0 39	16 3	1 20	14 17	15 52	13 25	13 41	17 39		n.a.
S 25	9 22	28 10	4 49	15 6	1 37	24 57	2 55	20 36	1 48	23 28	1 10	18 18	1 32	21 36	0 39	16 3	1 20	14 17	15 52	13 26	13 40	17 36		n.a.
S 26	9 43	26 35	5 11	15 53	1 44	25 8	2 56	20 26	1 49	23 27	1 10	18 17	1 32	21 36	0 39	16 3	1 20	14 16	15 52	13 26	13 39	17 33		n.a.
M27	10 5	23 19	5 16	16 38	1 50	25 18	2 57	20 16	1 50	23 26	1 10	18 16	1 32	21 35	0 39	16 2	1 20	14 16	15 52	13 26	13 38	17 31		n.a.
T 28	10 26	18 36	5 0	17 20	1 56	25 27	2 57	20 6	1 52	23 25	1 10	18 15	1 32	21 35	0 39	16 2	1 20	14 16	15 52	13 25	13 37	17 28		n.a.
W29	10 47	12 46	4 26	18 0	2 1	25 35	2 57	19 56	1 53	23 24	1 9	18 14	1 32	21 35	0 39	16 2	1 20	14 15	15 52	13 25	13 36	17 25		n.a.
T 30	11n 7	6n13	3n34	18n38	2n 5	25n44	2n57	19s45	1s54	23n23	1n 9	18s13	1n32	21s35	0s39	16s 1	1s20	14s15	15s52	13n25	13n34	17s23		n.a.

Julian Day Number = 1317912.5, Delta T = 07h35m35s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'32, Lahiri = -19°12'31 Julian Calendar 1 Apr. 1105 BCE == Greg. Calendar 21 March 1105 BCE

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

MAY 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 54 58	29♈28'23	7♎15	16♉58	14♊31	11♒ 4	20♋35	26°R32	27♑48	20♒56	0♈37	5°R 2	5♉28	26♒38	n.a.	F 1
S 2	13 58 55	0♉25'34	21°41	18°44	15°31	11°46	20°41	26♏29	27°48	20°57	0°39	5♉ 2	5°25	26°45	n.a.	S 2
S 3	14 2 52	1°22'43	5♏53	20°27	16°30	12°28	20°47	26°25	27°49	20°58	0°40	5°D 2	5°22	26°51	n.a.	S 3
M 4	14 6 48	2°19'52	19°48	22° 8	17°29	13°10	20°53	26°21	27°49	20°59	0°41	5° 2	5°18	26°58	n.a.	M 4
T 5	14 10 45	3°17'01	3♐22	23°46	18°27	13°52	21° 0	26°17	27°50	21° 0	0°42	5° 2	5°15	27° 5	n.a.	T 5
W 6	14 14 41	4°14'09	16°34	25°22	19°25	14°33	21° 7	26°13	27°50	21° 1	0°43	5° 2	5°12	27°12	n.a.	W 6
T 7	14 18 38	5°11'17	29°25	26°55	20°23	15°15	21°13	26°10	27°50	21° 2	0°45	5°R 2	5° 9	27°18	n.a.	T 7
F 8	14 22 34	6° 8'24	11♑57	28°25	21°20	15°56	21°20	26° 6	27°51	21° 3	0°46	5° 2	5° 6	27°25	n.a.	F 8
S 9	14 26 31	7° 5'31	24°12	29°53	22°17	16°38	21°28	26° 2	27°51	21° 4	0°47	5° 2	5° 2	27°32	n.a.	S 9
S 10	14 30 28	8° 2'38	6♒15	1♊18	23°13	17°19	21°35	25°58	27°51	21° 5	0°48	5°D 2	4°59	27°38	n.a.	S 10
M11	14 34 24	8°59'45	18°11	2°40	24° 9	18° 0	21°42	25°53	27°51	21° 5	0°49	5° 2	4°56	27°45	n.a.	M11
T 12	14 38 21	9°56'52	0♓ 3	3°59	25° 4	18°42	21°50	25°49	27°51	21° 6	0°50	5° 2	4°53	27°52	n.a.	T 12
W13	14 42 17	10°53'58	11°57	5°16	25°59	19°23	21°57	25°45	27°R51	21° 7	0°51	5° 3	4°50	27°59	n.a.	W13
T 14	14 46 14	11°51'05	23°57	6°30	26°54	20° 3	22° 5	25°41	27°51	21° 8	0°52	5° 4	4°47	28° 5	n.a.	T 14
F 15	14 50 10	12°48'11	6♈ 5	7°41	27°47	20°44	22°13	25°37	27°51	21° 8	0°54	5° 4	4°43	28°12	n.a.	F 15
S 16	14 54 7	13°45'17	18°26	8°49	28°41	21°25	22°21	25°33	27°51	21° 9	0°55	5° 5	4°40	28°19	n.a.	S 16
S 17	14 58 3	14°42'23	1♉ 1	9°53	29°33	22° 6	22°29	25°28	27°51	21°10	0°56	5°R 5	4°37	28°25	n.a.	S 17
M18	15 2 0	15°39'29	13°52	10°55	0♋25	22°46	22°37	25°24	27°51	21°10	0°57	5° 5	4°34	28°32	n.a.	M18
T 19	15 5 57	16°36'35	27° 0	11°54	1°17	23°26	22°45	25°20	27°50	21°11	0°58	5° 5	4°31	28°39	n.a.	T 19
W20	15 9 53	17°33'40	10♊22	12°49	2° 8	24° 6	22°54	25°15	27°50	21°11	0°59	5° 3	4°27	28°46	n.a.	W20
T 21	15 13 50	18°30'46	23°59	13°41	2°58	24°47	23° 2	25°11	27°50	21°12	1° 0	5° 2	4°24	28°52	n.a.	T 21
F 22	15 17 46	19°27'51	7♋49	14°29	3°47	25°26	23°11	25° 7	27°49	21°12	1° 1	5° 0	4°21	28°59	n.a.	F 22
S 23	15 21 43	20°24'57	21°48	15°14	4°36	26° 6	23°20	25° 2	27°49	21°12	1° 2	4°58	4°18	29° 6	n.a.	S 23
S 24	15 25 39	21°22'01	5♌55	15°55	5°24	26°46	23°28	24°58	27°48	21°13	1° 3	4°57	4°15	29°12	n.a.	S 24
M25	15 29 36	22°19'06	20° 6	16°32	6°11	27°25	23°37	24°53	27°48	21°13	1° 3	4°D57	4°12	29°19	n.a.	M25
T 26	15 33 32	23°16'10	4♍21	17° 5	6°57	28° 5	23°47	24°49	27°47	21°14	1° 4	4°57	4° 8	29°26	n.a.	T 26
W27	15 37 29	24°13'14	18°35	17°34	7°43	28°44	23°56	24°45	27°47	21°14	1° 5	4°58	4° 5	29°33	n.a.	W27
T 28	15 41 26	25°10'18	2♎47	17°58	8°27	29°23	24° 5	24°40	27°46	21°14	1° 6	4°59	4° 2	29°39	n.a.	T 28
F 29	15 45 22	26° 7'22	16°54	18°18	9°11	0♓ 2	24°14	24°36	27°45	21°14	1° 7	5° 0	3°59	29°46	n.a.	F 29
S 30	15 49 19	27° 4'26	0♏53	18°34	9°54	0°41	24°24	24°31	27°44	21°14	1° 8	5°R 1	3°56	29°53	n.a.	S 30
S 31	15 53 15	28♉ 1'30	14♏42	18♊45	10♋36	1♓19	24♋33	24♏27	27♑44	21♒15	1♈ 9	5♉ 1	3♉53	29♒59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n28	0s40	2n28	19n13	2n 8	25n51	2n57	19s35	1s55	23n22	1n 9	18s13	1n32	21s35	0s39	16s 1	1s20	14s14	15s53	13n25	13n33	17s20		n.a.
S 2	11 48	7 27	1 13	19 46	2 11	25 58	2 57	19 24	1 57	23 21	1 9	18 12	1 32	21 35	0 40	16 1	1 20	14 14	15 53	13 25	13 32	17 17		n.a.
S 3	12 9	13 46	0s 5	20 17	2 13	26 4	2 57	19 13	1 58	23 20	1 9	18 11	1 32	21 35	0 40	16 0	1 20	14 14	15 53	13 25	13 31	17 15		n.a.
M 4	12 29	19 16	1 21	20 45	2 14	26 9	2 56	19 2	1 59	23 18	1 9	18 10	1 32	21 35	0 40	16 0	1 20	14 13	15 53	13 25	13 30	17 12		n.a.
T 5	12 49	23 38	2 31	21 11	2 14	26 14	2 56	18 51	2 1	23 17	1 9	18 9	1 32	21 35	0 40	16 0	1 20	14 13	15 53	13 25	13 29	17 9		n.a.
W 6	13 8	26 38	3 30	21 35	2 14	26 19	2 55	18 40	2 2	23 16	1 9	18 8	1 32	21 35	0 40	15 59	1 20	14 13	15 53	13 25	13 28	17 7		n.a.
T 7	13 28	28 7	4 18	21 56	2 13	26 22	2 54	18 29	2 3	23 15	1 8	18 7	1 32	21 35	0 40	15 59	1 21	14 12	15 53	13 25	13 27	17 4		n.a.
F 8	13 47	28 7	4 52	22 16	2 11	26 25	2 53	18 17	2 4	23 14	1 8	18 6	1 32	21 35	0 40	15 59	1 21	14 12	15 54	13 25	13 26	17 1		n.a.
S 9	14 6	26 43	5 11	22 33	2 9	26 28	2 52	18 6	2 6	23 12	1 8	18 5	1 32	21 35	0 40	15 59	1 21	14 12	15 54	13 25	13 25	16 59		n.a.
S 10	14 25	24 7	5 17	22 48	2 6	26 29	2 51	17 54	2 7	23 11	1 8	18 4	1 32	21 35	0 40	15 59	1 21	14 11	15 54	13 25	13 24	16 56		n.a.
M11	14 44	20 30	5 9	23 2	2 2	26 31	2 49	17 43	2 8	23 10	1 8	18 4	1 32	21 35	0 40	15 58	1 21	14 11	15 54	13 25	13 23	16 53		n.a.
T 12	15 2	16 6	4 47	23 13	1 58	26 31	2 47	17 31	2 10	23 9	1 8	18 3	1 32	21 35	0 40	15 58	1 21	14 11	15 54	13 25	13 22	16 51		n.a.
W13	15 20	11 5	4 14	23 22	1 52	26 31	2 45	17 19	2 11	23 7	1 8	18 2	1 32	21 35	0 40	15 58	1 21	14 11	15 54	13 25	13 20	16 48		n.a.
T 14	15 38	5 38	3 29	23 30	1 47	26 31	2 43	17 7	2 12	23 6	1 8	18 1	1 32	21 35	0 40	15 58	1 21	14 10	15 55	13 25	13 19	16 45		n.a.
F 15	15 56	0n 7	2 34	23 35	1 40	26 30	2 41	16 55	2 13	23 4	1 8	18 0	1 32	21 35	0 40	15 58	1 21	14 10	15 55	13 25	13 18	16 42		n.a.
S 16	16 13	5 57	1 31	23 40	1 33	26 28	2 39	16 43	2 15	23 3	1 7	17 59	1 31	21 35	0 40	15 57	1 21	14 10	15 55	13 26	13 17	16 40		n.a.
S 17	16 31	11 40	0 22	23 42	1 25	26 26	2 36	16 30	2 16	23 2	1 7	17 58	1 31	21 35	0 40	15 57	1 21	14 10	15 55	13 26	13 16	16 37		n.a.
M18	16 48	17 2	0n48	23 43	1 17	26 23	2 33	16 18	2 17	23 0	1 7	17 57	1 31	21 35	0 40	15 57	1 21	14 9	15 55	13 26	13 15	16 34		n.a.
T 19	17 4	21 43	1 58	23 42	1 8	26 19	2 30	16 6	2 18	22 59	1 7	17 56	1 31	21 35	0 40	15 57	1 21	14 9	15 56	13 25	13 14	16 31		n.a.
W20	17 21	25 23	3 3	23 40	0 58	26 16	2 27	15 53	2 20	22 57	1 7	17 55	1 31	21 35	0 40	15 57	1 21	14 9	15 56	13 25	13 13	16 29		n.a.
T 21	17 37	27 39	3 58	23 36	0 48	26 11	2 23	15 41	2 21	22 56	1 7	17 54	1 31	21 35	0 40	15 57	1 21	14 9	15 56	13 25	13 12	16 26		n.a.
F 22	17 53	28 16	4 41	23 31	0 37	26 6	2 20	15 28	2 22	22 54	1 7	17 53	1 31	21 36	0 40	15 57	1 21	14 9	15 56	13 24	13 11	16 23		n.a.
S 23	18 8	27 5	5 7	23 25	0 25	26 1	2 16	15 16	2 23	22 52	1 7	17 52	1 31	21 36	0 40	15 57	1 21	14 8	15 57	13 23	13 10	16 20		n.a.
S 24	18 24	24 11	5 15	23 17	0 13	25 55	2 12	15 3	2 25	22 51	1 7	17 51	1 31	21 36	0 40	15 57	1 21	14 8	15 57	13 23	13 8	16 18		n.a.
M25	18 39	19 49	5 4	23 9	0 0	25 48	2 7	14 50	2 26	22 49	1 7	17 50	1 31	21 36	0 40	15 56	1 22	14 8	15 57	13 23	13 7	16 15		n.a.
T 26	18 54	14 20	4 35	22 59	0s13	25 41	2 3	14 38	2 27	22 47	1 6	17 49	1 31	21 36	0 40	15 56	1 22	14 8	15 57	13 23	13 6	16 12		n.a.
W27	19 8	8 5	3 49	22 48	0 26	25 34	1 58	14 25	2 28	22 46	1 6	17 48	1 31	21 36	0 40	15 56	1 22	14 8	15 57	13 23	13 5	16 9		n.a.
T 28	19 22	1 26	2 48	22 36	0 40	25 26	1 53	14 12	2 29	22 44	1 6	17 47	1 31	21 36	0 40	15 56	1 22	14 8	15 58	13 24	13 4	16 7		n.a.
F 29	19 36	5s14	1 38	22 24	0 55	25 18	1 48	13 59	2 31	22 42	1 6	17 46	1 31	21 37	0 41	15 56	1 22	14 8	15 58	13 24	13 3	16 4		n.a.
S 30	19 49	11 37	0 23	22 11	1 9	25 9	1 42	13 46	2 32	22 40	1 6	17 45	1 31	21 37	0 41	15 56	1 22	14 7	15 58	13 24	13 2	16 1		n.a.
S 31	20n 2	17s21	0s53	21n57	1s24	25n 0	1n36	13s33	2s33	22n39	1n 6	17s44	1n31	21s37	0s41	15s56	1s22	14s 7	15s58	13n24	13n 1	15s58		n.a.

Julian Day Number = 1317942.5, Delta T = 07h35m33s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'28, Lahiri = -19°12'27 Julian Calendar 1 May 1105 BCE == Greg. Calendar 20 Apr. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

JUNE 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 57 12	28♉58'34	28♏17	18♊52	11♋16	1♓58	24♋43	24°R23	27°R43	21♒15	1♈10	4°R59	3♉49	0♓ 6	n.a.	M 1
T 2	16 1 8	29°55'38	11♐36	18°R53	11°56	2°36	24°53	24♏18	27♑42	21°15	1°10	4♉57	3°46	0°13	n.a.	T 2
W 3	16 5 5	0♊52'43	24°39	18°50	12°35	3°14	25° 3	24°14	27°41	21°15	1°11	4°53	3°43	0°20	n.a.	W 3
T 4	16 9 2	1°49'49	7♑25	18°43	13°12	3°52	25°13	24°10	27°40	21°R15	1°12	4°49	3°40	0°26	n.a.	T 4
F 5	16 12 58	2°46'55	19°54	18°30	13°48	4°30	25°23	24° 5	27°39	21°15	1°13	4°45	3°37	0°33	n.a.	F 5
S 6	16 16 55	3°44'02	2♒ 9	18°13	14°23	5° 8	25°33	24° 1	27°38	21°15	1°13	4°41	3°33	0°40	n.a.	S 6
S 7	16 20 51	4°41'09	14°12	17°52	14°57	5°45	25°43	23°57	27°37	21°15	1°14	4°38	3°30	0°46	n.a.	S 7
M 8	16 24 48	5°38'18	26° 7	17°26	15°30	6°23	25°53	23°52	27°35	21°15	1°15	4°36	3°27	0°53	n.a.	M 8
T 9	16 28 44	6°35'27	8♓ 0	16°57	16° 1	7° 0	26° 4	23°48	27°34	21°15	1°15	4°D36	3°24	1° 0	n.a.	T 9
W10	16 32 41	7°32'36	19°54	16°24	16°30	7°37	26°14	23°44	27°33	21°14	1°16	4°37	3°21	1° 7	n.a.	W10
T 11	16 36 37	8°29'47	1♈54	15°48	16°58	8°13	26°25	23°40	27°32	21°14	1°17	4°38	3°18	1°13	n.a.	T 11
F 12	16 40 34	9°26'59	14° 5	15°10	17°25	8°50	26°35	23°36	27°30	21°14	1°17	4°40	3°14	1°20	n.a.	F 12
S 13	16 44 31	10°24'11	26°31	14°30	17°50	9°26	26°46	23°31	27°29	21°14	1°18	4°41	3°11	1°27	n.a.	S 13
S 14	16 48 27	11°21'25	9♉16	13°48	18°14	10° 2	26°57	23°27	27°28	21°13	1°19	4°R41	3° 8	1°33	n.a.	S 14
M15	16 52 24	12°18'39	22°22	13° 6	18°35	10°38	27° 8	23°23	27°26	21°13	1°19	4°40	3° 5	1°40	n.a.	M15
T 16	16 56 20	13°15'54	5♊49	12°25	18°55	11°14	27°19	23°19	27°25	21°13	1°20	4°37	3° 2	1°47	n.a.	T 16
W17	17 0 17	14°13'11	19°37	11°44	19°13	11°49	27°30	23°15	27°23	21°12	1°20	4°32	2°59	1°53	n.a.	W17
T 18	17 4 13	15°10'28	3♋41	11° 5	19°30	12°24	27°41	23°11	27°22	21°12	1°21	4°26	2°55	2° 0	n.a.	T 18
F 19	17 8 10	16° 7'46	17°57	10°28	19°44	12°59	27°52	23° 8	27°20	21°11	1°21	4°20	2°52	2° 7	n.a.	F 19
S 20	17 12 7	17° 5'04	2♌21	9°55	19°56	13°34	28° 3	23° 4	27°18	21°11	1°22	4°14	2°49	2°14	n.a.	S 20
S 21	17 16 3	18° 2'24	16°46	9°25	20° 7	14° 8	28°14	23° 0	27°17	21°10	1°22	4° 9	2°46	2°20	n.a.	S 21
M22	17 20 0	18°59'44	1♍ 8	9° 0	20°15	14°43	28°26	22°56	27°15	21°10	1°22	4° 6	2°43	2°27	n.a.	M22
T 23	17 23 56	19°57'04	15°23	8°39	20°21	15°17	28°37	22°53	27°13	21° 9	1°23	4°D 4	2°39	2°34	n.a.	T 23
W24	17 27 53	20°54'26	29°30	8°24	20°24	15°50	28°48	22°49	27°11	21° 9	1°23	4° 4	2°36	2°40	n.a.	W24
T 25	17 31 49	21°51'48	13♎26	8°15	20°R26	16°24	29° 0	22°45	27°10	21° 8	1°24	4° 5	2°33	2°47	n.a.	T 25
F 26	17 35 46	22°49'11	27°11	8°D11	20°25	16°57	29°12	22°42	27° 8	21° 7	1°24	4°R 6	2°30	2°54	n.a.	F 26
S 27	17 39 42	23°46'35	10♏45	8°14	20°22	17°30	29°23	22°38	27° 6	21° 7	1°24	4° 6	2°27	3° 1	n.a.	S 27
S 28	17 43 39	24°43'59	24° 9	8°24	20°16	18° 2	29°35	22°35	27° 4	21° 6	1°25	4° 5	2°24	3° 7	n.a.	S 28
M29	17 47 36	25°41'25	7♐21	8°40	20° 8	18°34	29°47	22°32	27° 2	21° 5	1°25	4° 1	2°20	3°14	n.a.	M29
T 30	17 51 32	26♊38'52	20♐21	9♊ 2	19♋58	19♓ 6	29♋58	22♏28	27♑ 0	21♒ 4	1♈25	3♉54	2♉17	3♓21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n15	22s 7	2s 4	21n42	1s39	24n51	1n30	13s20	2s34	22n37	1n 6	17s43	1n30	21s37	0s41	15s56	1s22	14s 7	15s59	13n24	13n 0	15s55		n.a.
T 2	20 28	25 38	3 7	21 27	1 55	24 41	1 24	13 7	2 36	22 35	1 6	17 42	1 30	21 37	0 41	15 56	1 22	14 7	15 59	13 23	12 59	15 53		n.a.
W 3	20 40	27 42	3 59	21 12	2 10	24 30	1 18	12 55	2 37	22 33	1 6	17 41	1 30	21 38	0 41	15 56	1 22	14 7	15 59	13 22	12 58	15 50		n.a.
T 4	20 52	28 14	4 38	20 56	2 25	24 20	1 11	12 42	2 38	22 31	1 6	17 40	1 30	21 38	0 41	15 56	1 22	14 7	16 0	13 20	12 56	15 47		n.a.
F 5	21 3	27 18	5 2	20 40	2 40	24 9	1 4	12 29	2 39	22 29	1 6	17 39	1 30	21 38	0 41	15 57	1 22	14 7	16 0	13 19	12 55	15 44		n.a.
S 6	21 14	25 4	5 12	20 24	2 55	23 58	0 56	12 16	2 40	22 27	1 6	17 38	1 30	21 38	0 41	15 57	1 22	14 7	16 0	13 17	12 54	15 41		n.a.
S 7	21 25	21 44	5 8	20 8	3 9	23 47	0 48	12 3	2 41	22 25	1 6	17 37	1 30	21 39	0 41	15 57	1 22	14 7	16 0	13 16	12 53	15 38		n.a.
M 8	21 36	17 34	4 51	19 52	3 23	23 35	0 40	11 50	2 43	22 23	1 5	17 36	1 30	21 39	0 41	15 57	1 22	14 7	16 1	13 16	12 52	15 36		n.a.
T 9	21 46	12 44	4 21	19 36	3 36	23 23	0 32	11 37	2 44	22 21	1 5	17 35	1 30	21 39	0 41	15 57	1 22	14 7	16 1	13 16	12 51	15 33		n.a.
W10	21 55	7 26	3 40	19 21	3 48	23 11	0 24	11 24	2 45	22 19	1 5	17 34	1 30	21 39	0 41	15 57	1 22	14 7	16 1	13 16	12 50	15 30		n.a.
T 11	22 5	1 49	2 49	19 6	3 58	22 58	0 15	11 11	2 46	22 17	1 5	17 33	1 29	21 40	0 41	15 57	1 22	14 7	16 1	13 16	12 49	15 27		n.a.
F 12	22 14	3n57	1 50	18 53	4 8	22 46	0 5	10 58	2 47	22 15	1 5	17 32	1 29	21 40	0 41	15 57	1 23	14 7	16 2	13 17	12 48	15 24		n.a.
S 13	22 22	9 42	0 44	18 40	4 17	22 33	0s 4	10 45	2 48	22 13	1 5	17 31	1 29	21 40	0 41	15 57	1 23	14 7	16 2	13 17	12 47	15 21		n.a.
S 14	22 30	15 13	0n25	18 28	4 24	22 20	0 14	10 32	2 50	22 10	1 5	17 30	1 29	21 41	0 41	15 57	1 23	14 7	16 2	13 17	12 45	15 19		n.a.
M15	22 38	20 11	1 35	18 18	4 29	22 7	0 24	10 19	2 51	22 8	1 5	17 29	1 29	21 41	0 41	15 58	1 23	14 7	16 3	13 17	12 44	15 16		n.a.
T 16	22 46	24 16	2 41	18 9	4 33	21 54	0 34	10 7	2 52	22 6	1 5	17 28	1 29	21 41	0 41	15 58	1 23	14 7	16 3	13 16	12 43	15 13		n.a.
W17	22 53	27 3	3 39	18 1	4 35	21 41	0 45	9 54	2 53	22 4	1 5	17 28	1 29	21 42	0 41	15 58	1 23	14 7	16 3	13 14	12 42	15 10		n.a.
T 18	22 59	28 12	4 26	17 55	4 35	21 28	0 56	9 41	2 54	22 1	1 5	17 27	1 29	21 42	0 41	15 58	1 23	14 7	16 3	13 12	12 41	15 7		n.a.
F 19	23 6	27 30	4 56	17 52	4 34	21 14	1 8	9 29	2 55	21 59	1 5	17 26	1 28	21 42	0 41	15 58	1 23	14 7	16 4	13 10	12 40	15 4		n.a.
S 20	23 11	24 57	5 8	17 50	4 31	21 1	1 19	9 16	2 56	21 57	1 5	17 25	1 28	21 43	0 41	15 59	1 23	14 7	16 4	13 8	12 39	15 1		n.a.
S 21	23 17	20 50	5 1	17 50	4 27	20 48	1 31	9 4	2 57	21 54	1 5	17 24	1 28	21 43	0 41	15 59	1 23	14 7	16 4	13 6	12 38	14 59		n.a.
M22	23 22	15 31	4 35	17 52	4 21	20 34	1 43	8 51	2 59	21 52	1 5	17 23	1 28	21 43	0 41	15 59	1 23	14 7	16 5	13 5	12 37	14 56		n.a.
T 23	23 26	9 24	3 52	17 56	4 13	20 21	1 56	8 39	3 0	21 50	1 5	17 23	1 28	21 44	0 41	15 59	1 23	14 8	16 5	13 5	12 36	14 53		n.a.
W24	23 31	2 53	2 56	18 2	4 5	20 8	2 9	8 26	3 1	21 47	1 5	17 22	1 28	21 44	0 41	16 0	1 23	14 8	16 5	13 5	12 34	14 50		n.a.
T 25	23 34	3s43	1 49	18 11	3 55	19 55	2 22	8 14	3 2	21 45	1 5	17 21	1 28	21 45	0 41	16 0	1 23	14 8	16 6	13 5	12 33	14 47		n.a.
F 26	23 38	10 3	0 37	18 21	3 44	19 42	2 35	8 2	3 3	21 42	1 5	17 20	1 27	21 45	0 41	16 0	1 23	14 8	16 6	13 6	12 32	14 44		n.a.
S 27	23 41	15 51	0s36	18 33	3 32	19 29	2 49	7 50	3 4	21 40	1 4	17 20	1 27	21 45	0 41	16 0	1 23	14 8	16 6	13 6	12 31	14 41		n.a.
S 28	23 43	20 49	1 46	18 48	3 19	19 16	3 2	7 38	3 5	21 37	1 4	17 19	1 27	21 46	0 41	16 1	1 23	14 8	16 7	13 5	12 30	14 38		n.a.
M29	23 45	24 40	2 49	19 3	3 5	19 4	3 16	7 26	3 6	21 35	1 4	17 18	1 27	21 46	0 41	16 1	1 23	14 8	16 7	13 4	12 29	14 35		n.a.
T 30	23n47	27s 9	3s42	19n21	2s51	18n51	3s30	7s14	3s 7	21n32	1n 4	17s17	1n27	21s47	0s41	16s 1	1s23	14s 9	16s 7	13n 1	12n28	14s32		n.a.

Julian Day Number = 1317973.5, Delta T = 07h35m32s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'24, Lahiri = -19°12'23 Julian Calendar 1 June 1105 BCE == Greg. Calendar 21 May 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

JULY 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 55 29	27♊36'21	3♉ 8	9♊31	19°R45	19♓38	0♌10	22°R25	26°R58	21°R 4	1♈25	3°R46	2♉14	3♓27	n.a.	W 1
T 2	17 59 25	28°33'50	15°42	10° 7	19♋30	20°10	0°22	22♏22	26♉56	21♒ 3	1°26	3♉36	2°11	3°34	n.a.	T 2
F 3	18 3 22	29°31'21	28° 4	10°50	19°13	20°41	0°34	22°19	26°54	21° 2	1°26	3°26	2° 8	3°41	n.a.	F 3
S 4	18 7 18	0♋28'54	10♒14	11°39	18°53	21°11	0°46	22°16	26°52	21° 1	1°26	3°17	2° 5	3°47	n.a.	S 4
S 5	18 11 15	1°26'28	22°15	12°34	18°32	21°42	0°58	22°13	26°50	21° 0	1°26	3° 9	2° 1	3°54	n.a.	S 5
M 6	18 15 12	2°24'03	4♓ 8	13°36	18° 8	22°12	1°10	22°10	26°48	20°59	1°26	3° 3	1°58	4° 1	n.a.	M 6
T 7	18 19 8	3°21'40	15°59	14°44	17°42	22°42	1°23	22° 7	26°46	20°58	1°26	2°59	1°55	4° 8	n.a.	T 7
W 8	18 23 5	4°19'19	27°51	15°57	17°14	23°11	1°35	22° 5	26°44	20°57	1°27	2°57	1°52	4°14	n.a.	W 8
T 9	18 27 1	5°16'59	9♈49	17°17	16°44	23°40	1°47	22° 2	26°42	20°56	1°27	2°D57	1°49	4°21	n.a.	T 9
F 10	18 30 58	6°14'42	21°59	18°41	16°13	24° 9	1°59	22° 0	26°39	20°55	1°27	2°58	1°45	4°28	n.a.	F 10
S 11	18 34 54	7°12'26	4♉26	20°11	15°40	24°37	2°12	21°57	26°37	20°54	1°27	2°R58	1°42	4°34	n.a.	S 11
S 12	18 38 51	8°10'11	17°15	21°45	15° 7	25° 5	2°24	21°55	26°35	20°53	1°R27	2°57	1°39	4°41	n.a.	S 12
M13	18 42 47	9° 7'59	0♊28	23°23	14°32	25°33	2°37	21°53	26°33	20°52	1°27	2°54	1°36	4°48	n.a.	M13
T 14	18 46 44	10° 5'49	14° 7	25° 5	13°56	26° 0	2°49	21°50	26°30	20°51	1°27	2°49	1°33	4°55	n.a.	T 14
W15	18 50 41	11° 3'40	28°12	26°51	13°20	26°26	3° 2	21°48	26°28	20°49	1°27	2°41	1°30	5° 1	n.a.	W15
T 16	18 54 37	12° 1'33	12♋39	28°40	12°43	26°53	3°14	21°46	26°26	20°48	1°27	2°31	1°26	5° 8	n.a.	T 16
F 17	18 58 34	12°59'28	27°21	0♋31	12° 6	27°18	3°27	21°44	26°24	20°47	1°26	2°21	1°23	5°15	n.a.	F 17
S 18	19 2 30	13°57'24	12♌11	2°24	11°29	27°44	3°39	21°42	26°21	20°46	1°26	2°11	1°20	5°21	n.a.	S 18
S 19	19 6 27	14°55'22	27° 0	4°19	10°53	28° 9	3°52	21°41	26°19	20°44	1°26	2° 2	1°17	5°28	n.a.	S 19
M20	19 10 23	15°53'21	11♍40	6°16	10°17	28°33	4° 5	21°39	26°17	20°43	1°26	1°56	1°14	5°35	n.a.	M20
T 21	19 14 20	16°51'22	26° 6	8°13	9°42	28°57	4°17	21°37	26°14	20°42	1°26	1°52	1°11	5°41	n.a.	T 21
W22	19 18 16	17°49'24	10♎16	10°11	9° 8	29°20	4°30	21°36	26°12	20°41	1°26	1°51	1° 7	5°48	n.a.	W22
T 23	19 22 13	18°47'28	24° 7	12° 9	8°35	29°43	4°43	21°34	26°10	20°39	1°25	1°51	1° 4	5°55	n.a.	T 23
F 24	19 26 10	19°45'33	7♏40	14° 8	8° 3	0♈ 6	4°56	21°33	26° 7	20°38	1°25	1°51	1° 1	6° 2	n.a.	F 24
S 25	19 30 6	20°43'40	20°58	16° 6	7°33	0°28	5° 8	21°32	26° 5	20°36	1°25	1°50	0°58	6° 8	n.a.	S 25
S 26	19 34 3	21°41'48	4♐ 2	18° 4	7° 5	0°49	5°21	21°31	26° 2	20°35	1°25	1°46	0°55	6°15	n.a.	S 26
M27	19 37 59	22°39'59	16°54	20° 1	6°39	1°10	5°34	21°30	26° 0	20°34	1°24	1°40	0°51	6°22	n.a.	M27
T 28	19 41 56	23°38'11	29°35	21°58	6°14	1°31	5°47	21°29	25°58	20°32	1°24	1°31	0°48	6°28	n.a.	T 28
W29	19 45 52	24°36'24	12♑ 5	23°53	5°52	1°50	6° 0	21°28	25°55	20°31	1°24	1°20	0°45	6°35	n.a.	W29
T 30	19 49 49	25°34'40	24°26	25°48	5°32	2°10	6°13	21°27	25°53	20°29	1°23	1° 7	0°42	6°42	n.a.	T 30
F 31	19 53 45	26♋32'57	6♒37	27♋42	5♋14	2♈28	6♌26	21♏26	25♑50	20♒28	1♈23	0♉53	0♉39	6♓48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n48	28s10	4s23	19n40	2s36	18n39	3s44	7s 2	3s 8	21n29	1n 4	17s17	1n27	21s47	0s42	16s 2	1s24	14s 9	16s 7	12n59	12n27	14s30		n.a.	W 1
T 2	23 49	27 41	4 50	20 0	2 21	18 27	3 58	6 51	3 9	21 27	1 4	17 16	1 26	21 47	0 42	16 2	1 24	14 9	16 8	12 55	12 26	14 27		n.a.	T 2
F 3	23 50	25 50	5 3	20 21	2 6	18 16	4 12	6 39	3 10	21 24	1 4	17 16	1 26	21 48	0 42	16 2	1 24	14 9	16 8	12 52	12 24	14 24		n.a.	F 3
S 4	23 50	22 48	5 2	20 43	1 51	18 5	4 26	6 28	3 11	21 21	1 4	17 15	1 26	21 48	0 42	16 3	1 24	14 9	16 8	12 49	12 23	14 21		n.a.	S 4
S 5	23 49	18 51	4 48	21 6	1 35	17 54	4 40	6 17	3 12	21 19	1 4	17 14	1 26	21 49	0 42	16 3	1 24	14 10	16 9	12 46	12 22	14 18		n.a.	S 5
M 6	23 48	14 12	4 21	21 29	1 20	17 43	4 54	6 5	3 13	21 16	1 4	17 14	1 26	21 49	0 42	16 3	1 24	14 10	16 9	12 44	12 21	14 15		n.a.	M 6
T 7	23 47	9 2	3 44	21 52	1 5	17 33	5 8	5 54	3 14	21 13	1 4	17 13	1 26	21 49	0 42	16 4	1 24	14 10	16 9	12 42	12 20	14 12		n.a.	T 7
W 8	23 45	3 33	2 56	22 15	0 50	17 23	5 21	5 43	3 15	21 10	1 4	17 13	1 25	21 50	0 42	16 4	1 24	14 10	16 10	12 42	12 19	14 9		n.a.	W 8
T 9	23 43	2n 7	2 0	22 37	0 35	17 14	5 34	5 33	3 16	21 8	1 4	17 12	1 25	21 50	0 42	16 4	1 24	14 11	16 10	12 42	12 18	14 6		n.a.	T 9
F 10	23 41	7 48	0 58	22 59	0 21	17 5	5 47	5 22	3 17	21 5	1 4	17 12	1 25	21 51	0 42	16 5	1 24	14 11	16 10	12 42	12 17	14 3		n.a.	F 10
S 11	23 38	13 20	0n 8	23 20	0 8	16 57	5 59	5 11	3 18	21 2	1 4	17 11	1 25	21 51	0 42	16 5	1 24	14 11	16 11	12 42	12 16	14 0		n.a.	S 11
S 12	23 34	18 27	1 15	23 39	0n 5	16 49	6 11	5 1	3 19	20 59	1 4	17 11	1 25	21 52	0 42	16 5	1 24	14 11	16 11	12 42	12 14	13 57		n.a.	S 12
M13	23 30	22 52	2 21	23 57	0 18	16 41	6 22	4 51	3 20	20 56	1 4	17 10	1 24	21 52	0 42	16 6	1 24	14 12	16 11	12 41	12 13	13 54		n.a.	M13
T 14	23 26	26 11	3 20	24 13	0 29	16 35	6 33	4 41	3 21	20 53	1 4	17 10	1 24	21 53	0 42	16 6	1 24	14 12	16 12	12 39	12 12	13 51		n.a.	T 14
W15	23 22	27 58	4 9	24 28	0 40	16 28	6 43	4 31	3 22	20 50	1 4	17 10	1 24	21 53	0 42	16 7	1 24	14 12	16 12	12 36	12 11	13 48		n.a.	W15
T 16	23 16	27 56	4 44	24 40	0 50	16 22	6 52	4 21	3 23	20 47	1 4	17 9	1 24	21 54	0 42	16 7	1 24	14 13	16 12	12 33	12 10	13 45		n.a.	T 16
F 17	23 11	25 56	5 1	24 49	1 0	16 17	7 1	4 11	3 23	20 44	1 4	17 9	1 24	21 54	0 42	16 8	1 24	14 13	16 12	12 29	12 9	13 42		n.a.	F 17
S 18	23 5	22 10	4 57	24 57	1 8	16 12	7 8	4 2	3 24	20 41	1 4	17 9	1 24	21 54	0 42	16 8	1 24	14 13	16 13	12 25	12 8	13 39		n.a.	S 18
S 19	22 59	16 59	4 34	25 1	1 16	16 8	7 16	3 53	3 25	20 38	1 4	17 8	1 23	21 55	0 42	16 8	1 24	14 14	16 13	12 22	12 7	13 36		n.a.	S 19
M20	22 52	10 52	3 53	25 3	1 23	16 5	7 22	3 44	3 26	20 35	1 4	17 8	1 23	21 55	0 42	16 9	1 24	14 14	16 13	12 20	12 5	13 33		n.a.	M20
T 21	22 45	4 16	2 57	25 3	1 29	16 2	7 27	3 35	3 27	20 32	1 4	17 8	1 23	21 56	0 42	16 9	1 24	14 14	16 14	12 19	12 4	13 30		n.a.	T 21
W22	22 37	2s25	1 52	24 59	1 34	16 0	7 32	3 26	3 28	20 29	1 4	17 8	1 23	21 56	0 42	16 10	1 24	14 15	16 14	12 19	12 3	13 27		n.a.	W22
T 23	22 29	8 52	0 41	24 53	1 38	15 58	7 36	3 17	3 28	20 26	1 4	17 7	1 23	21 57	0 42	16 10	1 24	14 15	16 14	12 19	12 2	13 24		n.a.	T 23
F 24	22 21	14 47	0s31	24 45	1 41	15 57	7 38	3 9	3 29	20 23	1 4	17 7	1 22	21 57	0 42	16 11	1 24	14 15	16 15	12 19	12 1	13 21		n.a.	F 24
S 25	22 12	19 53	1 39	24 34	1 44	15 57	7 41	3 1	3 30	20 20	1 4	17 7	1 22	21 58	0 42	16 11	1 25	14 16	16 15	12 18	12 0	13 18		n.a.	S 25
S 26	22 3	23 56	2 41	24 20	1 46	15 57	7 42	2 53	3 31	20 16	1 4	17 7	1 22	21 58	0 42	16 12	1 25	14 16	16 15	12 17	11 59	13 15		n.a.	S 26
M27	21 53	26 43	3 34	24 5	1 47	15 58	7 42	2 45	3 31	20 13	1 4	17 7	1 22	21 59	0 42	16 12	1 25	14 17	16 15	12 15	11 58	13 12		n.a.	M27
T 28	21 43	28 5	4 15	23 47	1 48	15 59	7 42	2 38	3 32	20 10	1 4	17 7	1 22	21 59	0 42	16 13	1 25	14 17	16 16	12 12	11 56	13 9		n.a.	T 28
W29	21 33	27 58	4 43	23 27	1 48	16 1	7 41	2 30	3 33	20 7	1 4	17 7	1 21	22 0	0 42	16 13	1 25	14 17	16 16	12 8	11 55	13 6		n.a.	W29
T 30	21 22	26 27	4 58	23 5	1 47	16 3	7 40	2 23	3 34	20 4	1 4	17 7	1 21	22 0	0 42	16 14	1 25	14 18	16 16	12 3	11 54	13 3		n.a.	T 30
F 31	21n11	23s43	4s58	22n41	1n46	16n 6	7s38	2s16	3s34	20n 0	1n 4	17s 7	1n21	22s 0	0s42	16s14	1s25	14s18	16s17	11n58	11n53	13s 0		n.a.	F 31

Julian Day Number = 1318003.5, Delta T = 07h35m30s
Ecliptic obliquity = 23°49'42, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'20, Lahiri = -19°12'19 Julian Calendar 1 July 1105 BCE == Greg. Calendar 20 June 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

AUGUST 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 42	27♋31'17	18♒40	29♋35	4°R59	2♈46	6♌39	21°R26	25°R48	20°R26	1°R23	0°R39	0♉36	6♓55	n.a.	S 1
S 2	20 1 39	28°29'38	0♓36	1♌27	4♋46	3° 4	6°52	21♏25	25♑46	20♒25	1♈22	0♉28	0°32	7° 2	n.a.	S 2
M 3	20 5 35	29°28'02	12°27	3°18	4°35	3°21	7° 5	21°25	25°43	20°23	1°22	0°19	0°29	7° 9	n.a.	M 3
T 4	20 9 32	0♌26'28	24°16	5° 8	4°27	3°37	7°18	21°25	25°41	20°22	1°21	0°12	0°26	7°15	n.a.	T 4
W 5	20 13 28	1°24'56	6♈ 6	6°57	4°21	3°52	7°31	21°24	25°38	20°20	1°21	0° 8	0°23	7°22	n.a.	W 5
T 6	20 17 25	2°23'26	18° 3	8°45	4°18	4° 7	7°44	21°D24	25°36	20°19	1°20	0° 7	0°20	7°29	n.a.	T 6
F 7	20 21 21	3°21'58	0♉10	10°31	4°D17	4°22	7°57	21°24	25°34	20°17	1°20	0° 7	0°17	7°35	n.a.	F 7
S 8	20 25 18	4°20'33	12°34	12°17	4°18	4°35	8°10	21°25	25°31	20°15	1°19	0° 6	0°13	7°42	n.a.	S 8
S 9	20 29 14	5°19'11	25°19	14° 1	4°22	4°48	8°23	21°25	25°29	20°14	1°19	0° 5	0°10	7°49	n.a.	S 9
M10	20 33 11	6°17'51	8♊31	15°44	4°28	5° 0	8°36	21°25	25°27	20°12	1°18	0° 2	0° 7	7°55	n.a.	M10
T 11	20 37 7	7°16'33	22°11	17°27	4°36	5°11	8°49	21°25	25°24	20°11	1°17	29♈57	0° 4	8° 2	n.a.	T 11
W12	20 41 4	8°15'17	6♋21	19° 8	4°47	5°22	9° 2	21°26	25°22	20° 9	1°17	29°49	0° 1	8° 9	n.a.	W12
T 13	20 45 1	9°14'04	20°58	20°48	4°59	5°32	9°15	21°27	25°20	20° 7	1°16	29°38	29♈57	8°15	n.a.	T 13
F 14	20 48 57	10°12'53	5♌56	22°27	5°14	5°41	9°28	21°27	25°17	20° 6	1°16	29°27	29°54	8°22	n.a.	F 14
S 15	20 52 54	11°11'44	21° 5	24° 6	5°31	5°49	9°41	21°28	25°15	20° 4	1°15	29°16	29°51	8°29	n.a.	S 15
S 16	20 56 50	12°10'37	6♍15	25°43	5°49	5°57	9°54	21°29	25°13	20° 2	1°14	29° 7	29°48	8°36	n.a.	S 16
M17	21 0 47	13° 9'32	21°15	27°19	6° 9	6° 4	10° 7	21°30	25°11	20° 1	1°14	29° 0	29°45	8°42	n.a.	M17
T 18	21 4 43	14° 8'29	5♎59	28°55	6°32	6° 9	10°20	21°31	25° 8	19°59	1°13	28°56	29°42	8°49	n.a.	T 18
W19	21 8 40	15° 7'28	20°20	0♍29	6°56	6°14	10°33	21°32	25° 6	19°58	1°12	28°54	29°38	8°56	n.a.	W19
T 20	21 12 36	16° 6'29	4♏18	2° 3	7°21	6°19	10°46	21°33	25° 4	19°56	1°11	28°D54	29°35	9° 2	n.a.	T 20
F 21	21 16 33	17° 5'32	17°51	3°35	7°48	6°22	10°59	21°35	25° 2	19°54	1°11	28°R54	29°32	9° 9	n.a.	F 21
S 22	21 20 30	18° 4'37	1♐ 4	5° 7	8°17	6°25	11°12	21°36	25° 0	19°53	1°10	28°54	29°29	9°16	n.a.	S 22
S 23	21 24 26	19° 3'43	13°58	6°38	8°48	6°26	11°25	21°38	24°57	19°51	1° 9	28°51	29°26	9°22	n.a.	S 23
M24	21 28 23	20° 2'52	26°37	8° 7	9°20	6°R27	11°38	21°40	24°55	19°49	1° 8	28°46	29°23	9°29	n.a.	M24
T 25	21 32 19	21° 2'02	9♑ 3	9°36	9°53	6°27	11°51	21°41	24°53	19°48	1° 7	28°38	29°19	9°36	n.a.	T 25
W26	21 36 16	22° 1'15	21°20	11° 4	10°28	6°26	12° 4	21°43	24°51	19°46	1° 7	28°28	29°16	9°42	n.a.	W26
T 27	21 40 12	23° 0'29	3♒28	12°32	11° 4	6°24	12°17	21°45	24°49	19°44	1° 6	28°16	29°13	9°49	n.a.	T 27
F 28	21 44 9	23°59'46	15°30	13°58	11°41	6°21	12°30	21°47	24°47	19°43	1° 5	28° 4	29°10	9°56	n.a.	F 28
S 29	21 48 5	24°59'05	27°26	15°23	12°19	6°18	12°43	21°49	24°45	19°41	1° 4	27°52	29° 7	10° 3	n.a.	S 29
S 30	21 52 2	25°58'26	9♓18	16°47	12°59	6°13	12°56	21°52	24°43	19°39	1° 3	27°41	29° 3	10° 9	n.a.	S 30
M31	21 55 58	26♌57'49	21♓ 7	18♍10	13♋40	6♈ 8	13♌ 9	21♏54	24♑41	19♒38	1♈ 2	27♈33	29♈ 0	10♓16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 0	19s59	4s45	22n16	1n44	16n 9	7s35	2s 9	3s35	19n57	1n 4	17s 7	1n21	22s 1	0s42	16s15	1s25	14s19	16s17	11n53	11n52	12s57		n.a.
S 2	20 48	15 28	4 20	21 49	1 42	16 13	7 31	2 3	3 36	19 54	1 4	17 7	1 21	22 1	0 42	16 15	1 25	14 19	16 17	11 49	11 51	12 54		n.a.
M 3	20 36	10 25	3 43	21 21	1 39	16 18	7 28	1 57	3 36	19 50	1 4	17 7	1 20	22 2	0 42	16 16	1 25	14 19	16 18	11 46	11 50	12 51		n.a.
T 4	20 23	5 1	2 57	20 51	1 36	16 22	7 23	1 51	3 37	19 47	1 4	17 7	1 20	22 2	0 42	16 16	1 25	14 20	16 18	11 44	11 49	12 48		n.a.
W 5	20 10	0n35	2 3	20 20	1 33	16 27	7 18	1 45	3 37	19 44	1 4	17 7	1 20	22 3	0 42	16 17	1 25	14 20	16 18	11 42	11 47	12 45		n.a.
T 6	19 57	6 13	1 3	19 48	1 29	16 33	7 13	1 39	3 38	19 40	1 5	17 8	1 20	22 3	0 42	16 17	1 25	14 21	16 18	11 42	11 46	12 42		n.a.
F 7	19 43	11 43	0n 0	19 15	1 25	16 38	7 7	1 34	3 38	19 37	1 5	17 8	1 20	22 4	0 42	16 18	1 25	14 21	16 19	11 42	11 45	12 39		n.a.
S 8	19 29	16 54	1 5	18 40	1 20	16 44	7 1	1 29	3 39	19 34	1 5	17 8	1 19	22 4	0 42	16 18	1 25	14 22	16 19	11 42	11 44	12 36		n.a.
S 9	19 15	21 29	2 9	18 5	1 15	16 50	6 55	1 24	3 39	19 30	1 5	17 8	1 19	22 5	0 42	16 19	1 25	14 22	16 19	11 41	11 43	12 33		n.a.
M10	19 0	25 11	3 8	17 29	1 10	16 57	6 48	1 20	3 40	19 27	1 5	17 8	1 19	22 5	0 42	16 20	1 25	14 23	16 19	11 40	11 42	12 30		n.a.
T 11	18 45	27 34	3 59	16 53	1 5	17 3	6 42	1 16	3 40	19 23	1 5	17 9	1 19	22 5	0 42	16 20	1 25	14 23	16 20	11 38	11 41	12 27		n.a.
W12	18 30	28 16	4 36	16 16	0 59	17 10	6 34	1 12	3 40	19 20	1 5	17 9	1 19	22 6	0 42	16 21	1 25	14 24	16 20	11 35	11 39	12 24		n.a.
T 13	18 14	27 3	4 57	15 38	0 53	17 17	6 27	1 8	3 41	19 16	1 5	17 9	1 18	22 6	0 42	16 21	1 25	14 24	16 20	11 32	11 38	12 21		n.a.
F 14	17 58	23 55	4 59	15 0	0 47	17 24	6 20	1 5	3 41	19 13	1 5	17 10	1 18	22 7	0 42	16 22	1 25	14 24	16 20	11 28	11 37	12 18		n.a.
S 15	17 42	19 6	4 40	14 21	0 41	17 31	6 12	1 2	3 41	19 9	1 5	17 10	1 18	22 7	0 42	16 22	1 25	14 25	16 21	11 24	11 36	12 14		n.a.
S 16	17 25	13 5	4 1	13 42	0 34	17 38	6 4	0 59	3 41	19 6	1 5	17 11	1 18	22 8	0 42	16 23	1 25	14 25	16 21	11 20	11 35	12 11		n.a.
M17	17 8	6 21	3 5	13 2	0 28	17 45	5 56	0 56	3 42	19 2	1 5	17 11	1 18	22 8	0 42	16 23	1 25	14 26	16 21	11 18	11 34	12 8		n.a.
T 18	16 51	0s37	1 58	12 22	0 21	17 52	5 48	0 54	3 42	18 59	1 5	17 12	1 17	22 8	0 42	16 24	1 25	14 26	16 21	11 16	11 33	12 5		n.a.
W19	16 34	7 22	0 45	11 42	0 14	17 59	5 40	0 52	3 42	18 55	1 5	17 12	1 17	22 9	0 42	16 24	1 25	14 27	16 22	11 16	11 32	12 2		n.a.
T 20	16 16	13 36	0s29	11 2	0 7	18 6	5 32	0 50	3 42	18 52	1 5	17 13	1 17	22 9	0 42	16 25	1 25	14 27	16 22	11 16	11 30	11 59		n.a.
F 21	15 58	19 1	1 39	10 21	0 0	18 12	5 24	0 49	3 42	18 48	1 5	17 13	1 17	22 10	0 42	16 26	1 25	14 28	16 22	11 16	11 29	11 56		n.a.
S 22	15 40	23 21	2 42	9 41	0s 7	18 19	5 15	0 48	3 42	18 45	1 5	17 14	1 17	22 10	0 42	16 26	1 25	14 28	16 22	11 15	11 28	11 53		n.a.
S 23	15 21	26 24	3 35	9 0	0 14	18 25	5 7	0 47	3 42	18 41	1 5	17 14	1 16	22 10	0 42	16 27	1 25	14 29	16 22	11 15	11 27	11 50		n.a.
M24	15 2	28 4	4 17	8 19	0 22	18 32	4 59	0 47	3 41	18 37	1 6	17 15	1 16	22 11	0 42	16 27	1 25	14 30	16 23	11 13	11 26	11 47		n.a.
T 25	14 43	28 15	4 45	7 39	0 29	18 38	4 50	0 47	3 41	18 34	1 6	17 16	1 16	22 11	0 42	16 28	1 25	14 30	16 23	11 10	11 25	11 43		n.a.
W26	14 24	27 2	5 0	6 58	0 36	18 43	4 42	0 47	3 41	18 30	1 6	17 16	1 16	22 11	0 42	16 28	1 25	14 31	16 23	11 6	11 24	11 40		n.a.
T 27	14 4	24 34	5 1	6 18	0 44	18 49	4 34	0 47	3 41	18 26	1 6	17 17	1 16	22 12	0 42	16 29	1 25	14 31	16 23	11 2	11 22	11 37		n.a.
F 28	13 44	21 2	4 49	5 37	0 51	18 54	4 25	0 48	3 40	18 23	1 6	17 18	1 15	22 12	0 42	16 29	1 25	14 32	16 23	10 57	11 21	11 34		n.a.
S 29	13 24	16 40	4 24	4 57	0 59	18 59	4 17	0 49	3 40	18 19	1 6	17 19	1 15	22 12	0 42	16 30	1 25	14 32	16 24	10 53	11 20	11 31		n.a.
S 30	13 4	11 43	3 47	4 17	1 6	19 4	4 8	0 50	3 39	18 16	1 6	17 19	1 15	22 13	0 42	16 30	1 25	14 33	16 24	10 49	11 19	11 28		n.a.
M31	12n43	6s20	3s 1	3n38	1s13	19n 8	4s 0	0s52	3s38	18n12	1n 6	17s20	1n15	22s13	0s42	16s31	1s25	14s33	16s24	10n46	11n18	11s25		n.a.

Julian Day Number = 1318034.5, Delta T = 07h35m29s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'15, Lahiri = -19°12'15 Julian Calendar 1 Aug. 1105 BCE == Greg. Calendar 21 July 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

SEPTEMBER 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 55	27♌57'14	2♈56	19♍32	14♋22	6°R 2	13♌22	21♏56	24°R39	19°R36	1°R 1	27°R27	28♈57	10♓23	n.a.	T 1
W 2	22 3 52	28°56'42	14°48	20°54	15° 5	5♈55	13°34	21°59	24♑38	19♒34	1♈ 0	27♈24	28°54	10°29	n.a.	W 2
T 3	22 7 48	29°56'12	26°45	22°13	15°49	5°47	13°47	22° 1	24°36	19°33	0°59	27°D23	28°51	10°36	n.a.	T 3
F 4	22 11 45	0♍55'44	8♉53	23°32	16°34	5°38	14° 0	22° 4	24°34	19°31	0°58	27°24	28°48	10°43	n.a.	F 4
S 5	22 15 41	1°55'19	21°15	24°50	17°21	5°28	14°13	22° 7	24°32	19°29	0°58	27°25	28°44	10°49	n.a.	S 5
S 6	22 19 38	2°54'57	3♊56	26° 6	18° 8	5°17	14°25	22°10	24°30	19°28	0°57	27°R25	28°41	10°56	n.a.	S 6
M 7	22 23 34	3°54'37	17° 2	27°21	18°56	5° 6	14°38	22°13	24°29	19°26	0°56	27°24	28°38	11° 3	n.a.	M 7
T 8	22 27 31	4°54'19	0♋35	28°34	19°44	4°53	14°51	22°16	24°27	19°24	0°55	27°21	28°35	11° 9	n.a.	T 8
W 9	22 31 27	5°54'04	14°38	29°45	20°34	4°40	15° 3	22°19	24°25	19°23	0°54	27°16	28°32	11°16	n.a.	W 9
T 10	22 35 24	6°53'51	29° 9	0♎55	21°24	4°26	15°16	22°22	24°24	19°21	0°53	27°10	28°29	11°23	n.a.	T 10
F 11	22 39 21	7°53'41	14♌ 5	2° 3	22°15	4°12	15°29	22°26	24°22	19°20	0°52	27° 2	28°25	11°30	n.a.	F 11
S 12	22 43 17	8°53'32	29°17	3° 9	23° 7	3°56	15°41	22°29	24°21	19°18	0°50	26°54	28°22	11°36	n.a.	S 12
S 13	22 47 14	9°53'26	14♍35	4°12	24° 0	3°40	15°54	22°32	24°19	19°17	0°49	26°48	28°19	11°43	n.a.	S 13
M14	22 51 10	10°53'22	29°48	5°13	24°53	3°23	16° 6	22°36	24°18	19°15	0°48	26°43	28°16	11°50	n.a.	M14
T 15	22 55 7	11°53'20	14♎47	6°11	25°47	3° 6	16°19	22°40	24°17	19°14	0°47	26°40	28°13	11°56	n.a.	T 15
W16	22 59 3	12°53'19	29°23	7° 6	26°42	2°47	16°31	22°43	24°15	19°12	0°46	26°D40	28° 9	12° 3	n.a.	W16
T 17	23 3 0	13°53'21	13♏33	7°57	27°37	2°29	16°43	22°47	24°14	19°11	0°45	26°41	28° 6	12°10	n.a.	T 17
F 18	23 6 56	14°53'24	27°16	8°45	28°33	2° 9	16°55	22°51	24°13	19° 9	0°44	26°42	28° 3	12°16	n.a.	F 18
S 19	23 10 53	15°53'30	10♐33	9°28	29°29	1°50	17° 8	22°55	24°11	19° 8	0°43	26°R43	28° 0	12°23	n.a.	S 19
S 20	23 14 49	16°53'36	23°27	10° 6	0♑26	1°30	17°20	22°59	24°10	19° 6	0°42	26°43	27°57	12°30	n.a.	S 20
M21	23 18 46	17°53'45	6♑ 2	10°40	1°24	1° 9	17°32	23° 3	24° 9	19° 5	0°41	26°41	27°54	12°36	n.a.	M21
T 22	23 22 43	18°53'55	18°22	11° 7	2°22	0°48	17°44	23° 8	24° 8	19° 3	0°40	26°38	27°50	12°43	n.a.	T 22
W23	23 26 39	19°54'07	0♒30	11°28	3°20	0°27	17°56	23°12	24° 7	19° 2	0°39	26°33	27°47	12°50	n.a.	W23
T 24	23 30 36	20°54'21	12°30	11°42	4°19	0° 5	18° 8	23°16	24° 6	19° 1	0°37	26°26	27°44	12°56	n.a.	T 24
F 25	23 34 32	21°54'37	24°25	11°R49	5°19	29♓44	18°20	23°21	24° 5	18°59	0°36	26°20	27°41	13° 3	n.a.	F 25
S 26	23 38 29	22°54'54	6♓16	11°47	6°19	29°22	18°32	23°25	24° 4	18°58	0°35	26°13	27°38	13°10	n.a.	S 26
S 27	23 42 25	23°55'13	18° 7	11°37	7°19	29° 0	18°44	23°30	24° 3	18°57	0°34	26° 8	27°34	13°16	n.a.	S 27
M28	23 46 22	24°55'34	29°58	11°17	8°20	28°38	18°55	23°34	24° 2	18°55	0°33	26° 4	27°31	13°23	n.a.	M28
T 29	23 50 18	25°55'56	11♈51	10°47	9°21	28°16	19° 7	23°39	24° 2	18°54	0°32	26° 1	27°28	13°30	n.a.	T 29
W30	23 54 15	26♍56'21	23♈49	10♎ 8	10♑23	27♓54	19♑19	23♏44	24♑ 1	18♒53	0♈31	26°D 0	27♈25	13♓37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n23	0s45	2s 7	2n58	1s21	19n12	3s52	0s53	3s38	18n 8	1n 6	17s21	1n15	22s13	0s42	16s32	1s25	14s34	16s24	10n44	11n17	11s22		n.a.
W 2	12 2	4n54	1 7	2 19	1 28	19 16	3 43	0 56	3 37	18 5	1 6	17 22	1 14	22 14	0 42	16 32	1 25	14 34	16 24	10 43	11 16	11 19		n.a.
T 3	11 41	10 26	0 3	1 41	1 35	19 19	3 35	0 58	3 36	18 1	1 6	17 23	1 14	22 14	0 42	16 33	1 25	14 35	16 25	10 43	11 14	11 15		n.a.
F 4	11 19	15 39	1n 1	1 3	1 42	19 21	3 27	1 1	3 35	17 57	1 6	17 23	1 14	22 14	0 42	16 33	1 25	14 35	16 25	10 43	11 13	11 12		n.a.
S 5	10 58	20 22	2 5	0 25	1 49	19 24	3 19	1 4	3 34	17 54	1 7	17 24	1 14	22 15	0 42	16 34	1 25	14 36	16 25	10 43	11 12	11 9		n.a.
S 6	10 36	24 17	3 3	0s12	1 56	19 26	3 11	1 7	3 33	17 50	1 7	17 25	1 14	22 15	0 42	16 34	1 25	14 36	16 25	10 43	11 11	11 6		n.a.
M 7	10 14	27 4	3 55	0 48	2 3	19 27	3 3	1 11	3 32	17 46	1 7	17 26	1 13	22 15	0 42	16 35	1 25	14 37	16 25	10 43	11 10	11 3		n.a.
T 8	9 52	28 24	4 35	1 24	2 9	19 28	2 55	1 14	3 31	17 43	1 7	17 27	1 13	22 16	0 42	16 35	1 25	14 37	16 25	10 42	11 9	11 0		n.a.
W 9	9 30	27 58	5 0	1 58	2 16	19 28	2 47	1 18	3 29	17 39	1 7	17 28	1 13	22 16	0 42	16 36	1 25	14 38	16 25	10 40	11 7	10 57		n.a.
T 10	9 7	25 39	5 7	2 32	2 22	19 28	2 39	1 23	3 28	17 35	1 7	17 29	1 13	22 16	0 42	16 36	1 25	14 38	16 25	10 38	11 6	10 53		n.a.
F 11	8 45	21 33	4 54	3 5	2 28	19 28	2 31	1 27	3 26	17 32	1 7	17 30	1 13	22 16	0 42	16 37	1 25	14 39	16 26	10 35	11 5	10 50		n.a.
S 12	8 22	15 57	4 20	3 36	2 33	19 27	2 24	1 32	3 25	17 28	1 7	17 31	1 13	22 17	0 42	16 37	1 25	14 39	16 26	10 32	11 4	10 47		n.a.
S 13	7 59	9 20	3 27	4 7	2 39	19 25	2 16	1 37	3 23	17 24	1 7	17 32	1 12	22 17	0 41	16 38	1 25	14 40	16 26	10 30	11 3	10 44		n.a.
M14	7 36	2 13	2 20	4 36	2 44	19 23	2 9	1 42	3 21	17 20	1 8	17 34	1 12	22 17	0 41	16 38	1 25	14 40	16 26	10 28	11 2	10 41		n.a.
T 15	7 13	4s56	1 4	5 3	2 48	19 21	2 1	1 47	3 19	17 17	1 8	17 35	1 12	22 17	0 41	16 39	1 25	14 41	16 26	10 27	11 1	10 38		n.a.
W16	6 50	11 40	0s15	5 29	2 52	19 18	1 54	1 53	3 17	17 13	1 8	17 36	1 12	22 18	0 41	16 39	1 25	14 41	16 26	10 27	10 59	10 34		n.a.
T 17	6 26	17 36	1 30	5 53	2 56	19 14	1 47	1 59	3 15	17 9	1 8	17 37	1 12	22 18	0 41	16 40	1 25	14 42	16 26	10 27	10 58	10 31		n.a.
F 18	6 3	22 26	2 38	6 15	2 59	19 10	1 40	2 4	3 13	17 6	1 8	17 38	1 11	22 18	0 41	16 40	1 25	14 42	16 26	10 28	10 57	10 28		n.a.
S 19	5 39	25 57	3 35	6 34	3 1	19 5	1 32	2 10	3 11	17 2	1 8	17 39	1 11	22 18	0 41	16 40	1 25	14 43	16 26	10 28	10 56	10 25		n.a.
S 20	5 15	28 0	4 20	6 51	3 3	19 0	1 26	2 16	3 8	16 58	1 8	17 40	1 11	22 18	0 41	16 41	1 25	14 43	16 26	10 28	10 55	10 22		n.a.
M21	4 52	28 32	4 51	7 5	3 4	18 54	1 19	2 22	3 6	16 55	1 8	17 42	1 11	22 19	0 41	16 41	1 25	14 44	16 26	10 27	10 54	10 18		n.a.
T 22	4 28	27 37	5 7	7 16	3 3	18 47	1 12	2 28	3 3	16 51	1 9	17 43	1 11	22 19	0 41	16 42	1 25	14 44	16 27	10 26	10 53	10 15		n.a.
W23	4 4	25 24	5 10	7 24	3 2	18 40	1 5	2 34	3 1	16 48	1 9	17 44	1 11	22 19	0 41	16 42	1 25	14 45	16 27	10 24	10 51	10 12		n.a.
T 24	3 40	22 5	4 59	7 27	3 0	18 33	0 59	2 41	2 58	16 44	1 9	17 45	1 10	22 19	0 41	16 43	1 25	14 45	16 27	10 22	10 50	10 9		n.a.
F 25	3 16	17 54	4 34	7 27	2 57	18 25	0 52	2 47	2 55	16 40	1 9	17 47	1 10	22 19	0 41	16 43	1 25	14 46	16 27	10 19	10 49	10 6		n.a.
S 26	2 51	13 2	3 59	7 22	2 52	18 16	0 46	2 53	2 52	16 37	1 9	17 48	1 10	22 19	0 41	16 43	1 25	14 46	16 27	10 17	10 48	10 3		n.a.
S 27	2 27	7 43	3 12	7 12	2 45	18 7	0 39	2 59	2 49	16 33	1 9	17 49	1 10	22 19	0 41	16 44	1 25	14 47	16 27	10 15	10 47	9 59		n.a.
M28	2 3	2 7	2 18	6 56	2 37	17 57	0 33	3 5	2 46	16 30	1 10	17 51	1 10	22 20	0 41	16 44	1 25	14 47	16 27	10 13	10 46	9 56		n.a.
T 29	1 39	3n35	1 17	6 35	2 28	17 46	0 27	3 11	2 43	16 26	1 10	17 52	1 10	22 20	0 41	16 45	1 25	14 48	16 27	10 12	10 44	9 53		n.a.
W30	1n14	9n12	0s12	6s 9	2s16	17n35	0s21	3s17	2s40	16n22	1n10	17s53	1n 9	22s20	0s41	16s45	1s25	14s48	16s27	10n12	10n43	9s50		n.a.

Julian Day Number = 1318065.5, Delta T = 07h35m27s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'11, Lahiri = -19°12'11 Julian Calendar 1 Sept. 1105 BCE == Greg. Calendar 21 Aug. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

OCTOBER 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 11	27♍56'47	5♉54	9°R18	11♌25	27°R32	19♌30	23♏49	24°R 0	18°R52	0°R30	26♈ 0	27♈22	13♓43	n.a.	T 1
F 2	0 2 8	28°57'16	18° 8	8♎20	12°27	27♓10	19°42	23°54	24♉ 0	18♒50	0♈28	26° 2	27°19	13°50	n.a.	F 2
S 3	0 6 5	29°57'46	0♊36	7°14	13°30	26°49	19°53	23°59	23°59	18°49	0°27	26° 3	27°15	13°57	n.a.	S 3
S 4	0 10 1	0♎58'19	13°19	6° 1	14°34	26°28	20° 5	24° 4	23°59	18°48	0°26	26° 5	27°12	14° 3	n.a.	S 4
M 5	0 13 58	1°58'53	26°22	4°43	15°37	26° 7	20°16	24° 9	23°58	18°47	0°25	26°R 6	27° 9	14°10	n.a.	M 5
T 6	0 17 54	2°59'30	9♋48	3°23	16°41	25°46	20°27	24°14	23°58	18°46	0°24	26° 6	27° 6	14°17	n.a.	T 6
W 7	0 21 51	4° 0'08	23°39	2° 3	17°45	25°26	20°38	24°19	23°57	18°45	0°23	26° 5	27° 3	14°23	n.a.	W 7
T 8	0 25 47	5° 0'49	7♌55	0°46	18°50	25° 6	20°49	24°25	23°57	18°44	0°22	26° 3	27° 0	14°30	n.a.	T 8
F 9	0 29 44	6° 1'31	22°34	29♍34	19°55	24°46	21° 0	24°30	23°57	18°43	0°20	26° 0	26°56	14°37	n.a.	F 9
S 10	0 33 40	7° 2'15	7♍31	28°30	21° 0	24°27	21°11	24°36	23°56	18°42	0°19	25°57	26°53	14°43	n.a.	S 10
S 11	0 37 37	8° 3'01	22°38	27°34	22° 5	24° 9	21°22	24°41	23°56	18°41	0°18	25°55	26°50	14°50	n.a.	S 11
M12	0 41 34	9° 3'48	7♎46	26°50	23°11	23°51	21°33	24°47	23°56	18°40	0°17	25°54	26°47	14°57	n.a.	M12
T 13	0 45 30	10° 4'37	22°46	26°17	24°17	23°34	21°43	24°52	23°56	18°39	0°16	25°D53	26°44	15° 3	n.a.	T 13
W14	0 49 27	11° 5'27	7♏29	25°55	25°24	23°17	21°54	24°58	23°D56	18°38	0°15	25°53	26°40	15°10	n.a.	W14
T 15	0 53 23	12° 6'18	21°49	25°D45	26°30	23° 2	22° 4	25° 4	23°56	18°37	0°14	25°54	26°37	15°17	n.a.	T 15
F 16	0 57 20	13° 7'11	5♐43	25°47	27°37	22°46	22°15	25° 9	23°56	18°36	0°13	25°55	26°34	15°23	n.a.	F 16
S 17	1 1 16	14° 8'05	19°10	25°59	28°44	22°32	22°25	25°15	23°56	18°36	0°12	25°56	26°31	15°30	n.a.	S 17
S 18	1 5 13	15° 9'00	2♑11	26°20	29°51	22°18	22°35	25°21	23°56	18°35	0°10	25°57	26°28	15°37	n.a.	S 18
M19	1 9 9	16° 9'56	14°50	26°51	0♍59	22° 5	22°45	25°27	23°57	18°34	0° 9	25°R57	26°25	15°43	n.a.	M19
T 20	1 13 6	17°10'53	27°10	27°29	2° 6	21°53	22°55	25°33	23°57	18°33	0° 8	25°57	26°21	15°50	n.a.	T 20
W21	1 17 3	18°11'51	9♒17	28°15	3°14	21°42	23° 5	25°39	23°57	18°33	0° 7	25°57	26°18	15°57	n.a.	W21
T 22	1 20 59	19°12'50	21°13	29° 7	4°23	21°31	23°15	25°45	23°58	18°32	0° 6	25°56	26°15	16° 4	n.a.	T 22
F 23	1 24 56	20°13'50	3♓ 4	0♎ 4	5°31	21°22	23°25	25°51	23°58	18°32	0° 5	25°55	26°12	16°10	n.a.	F 23
S 24	1 28 52	21°14'50	14°54	1° 6	6°39	21°13	23°34	25°58	23°59	18°31	0° 4	25°54	26° 9	16°17	n.a.	S 24
S 25	1 32 49	22°15'52	26°44	2°13	7°48	21° 5	23°44	26° 4	23°59	18°30	0° 3	25°54	26° 6	16°24	n.a.	S 25
M26	1 36 45	23°16'54	8♈39	3°23	8°57	20°57	23°53	26°10	24° 0	18°30	0° 2	25°53	26° 2	16°30	n.a.	M26
T 27	1 40 42	24°17'58	20°41	4°36	10° 6	20°51	24° 3	26°16	24° 0	18°29	0° 1	25°53	25°59	16°37	n.a.	T 27
W28	1 44 38	25°19'02	2♉50	5°51	11°15	20°45	24°12	26°23	24° 1	18°29	29♓59	25°53	25°56	16°44	n.a.	W28
T 29	1 48 35	26°20'08	15° 9	7°10	12°25	20°41	24°21	26°29	24° 2	18°29	29°59	25°53	25°53	16°50	n.a.	T 29
F 30	1 52 32	27°21'14	27°39	8°30	13°35	20°37	24°30	26°36	24° 3	18°28	29°58	25°53	25°50	16°57	n.a.	F 30
S 31	1 56 28	28♎22'22	10♊22	9♎51	14♍44	20♓33	24♌39	26♏42	24♉ 4	18♒28	29♓57	25♈53	25♈46	17♓ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n50	14n33	0n54	5s37	2s 3	17n24	0s15	3s23	2s37	16n19	1n10	17s55	1n 9	22s20	0s41	16s45	1s25	14s49	16s27	10n12	10n42	9s46			n.a.
F 2	0 25	19 25	1 59	5 0	1 47	17 12	0 9	3 29	2 34	16 15	1 10	17 56	1 9	22 20	0 41	16 46	1 25	14 49	16 27	10 13	10 41	9 43			n.a.
S 3	0 1	23 31	2 59	4 18	1 30	16 59	0 4	3 35	2 30	16 12	1 10	17 58	1 9	22 20	0 41	16 46	1 25	14 50	16 27	10 13	10 40	9 40			n.a.
S 4	0s24	26 36	3 52	3 32	1 12	16 46	0n 2	3 40	2 27	16 8	1 10	17 59	1 9	22 20	0 41	16 46	1 25	14 50	16 27	10 14	10 39	9 37			n.a.
M 5	0 48	28 20	4 34	2 42	0 53	16 32	0 7	3 46	2 24	16 5	1 11	18 0	1 9	22 20	0 41	16 47	1 25	14 50	16 27	10 14	10 37	9 34			n.a.
T 6	1 12	28 29	5 3	1 51	0 32	16 17	0 13	3 51	2 20	16 1	1 11	18 2	1 9	22 20	0 41	16 47	1 25	14 51	16 27	10 14	10 36	9 30			n.a.
W 7	1 37	26 53	5 15	1 0	0 11	16 3	0 18	3 56	2 17	15 58	1 11	18 3	1 8	22 20	0 41	16 47	1 25	14 51	16 27	10 14	10 35	9 27			n.a.
T 8	2 1	23 32	5 8	0 10	0n 9	15 47	0 23	4 1	2 13	15 55	1 11	18 5	1 8	22 20	0 41	16 48	1 25	14 52	16 27	10 13	10 34	9 24			n.a.
F 9	2 26	18 39	4 42	0n37	0 29	15 31	0 28	4 6	2 10	15 51	1 11	18 6	1 8	22 20	0 41	16 48	1 25	14 52	16 27	10 12	10 33	9 21			n.a.
S 10	2 50	12 32	3 56	1 21	0 48	15 15	0 33	4 10	2 6	15 48	1 12	18 8	1 8	22 20	0 41	16 48	1 25	14 53	16 26	10 11	10 32	9 17			n.a.
S 11	3 15	5 37	2 54	1 59	1 6	14 58	0 38	4 14	2 3	15 44	1 12	18 9	1 8	22 20	0 41	16 49	1 25	14 53	16 26	10 10	10 30	9 14			n.a.
M12	3 39	1s38	1 39	2 31	1 22	14 40	0 42	4 18	1 59	15 41	1 12	18 11	1 8	22 20	0 41	16 49	1 25	14 53	16 26	10 10	10 29	9 11			n.a.
T 13	4 3	8 44	0 17	2 58	1 36	14 22	0 47	4 22	1 56	15 38	1 12	18 12	1 7	22 20	0 41	16 49	1 25	14 54	16 26	10 9	10 28	9 8			n.a.
W14	4 27	15 14	1s 4	3 18	1 48	14 4	0 51	4 25	1 52	15 34	1 12	18 14	1 7	22 20	0 41	16 49	1 25	14 54	16 26	10 10	10 27	9 5			n.a.
T 15	4 52	20 45	2 19	3 31	1 58	13 45	0 55	4 28	1 49	15 31	1 12	18 15	1 7	22 20	0 41	16 50	1 25	14 54	16 26	10 10	10 26	9 1			n.a.
F 16	5 16	24 56	3 23	3 38	2 7	13 26	0 59	4 31	1 45	15 28	1 13	18 17	1 7	22 20	0 41	16 50	1 24	14 55	16 26	10 10	10 25	8 58			n.a.
S 17	5 40	27 36	4 14	3 40	2 14	13 6	1 4	4 34	1 42	15 25	1 13	18 18	1 7	22 20	0 41	16 50	1 24	14 55	16 26	10 11	10 23	8 55			n.a.
S 18	6 4	28 39	4 50	3 36	2 19	12 45	1 7	4 36	1 38	15 21	1 13	18 20	1 7	22 20	0 41	16 50	1 24	14 55	16 26	10 11	10 22	8 51			n.a.
M19	6 28	28 8	5 11	3 27	2 23	12 25	1 11	4 38	1 35	15 18	1 13	18 22	1 7	22 20	0 41	16 50	1 24	14 56	16 26	10 11	10 21	8 48			n.a.
T 20	6 51	26 14	5 17	3 13	2 25	12 3	1 15	4 40	1 31	15 15	1 14	18 23	1 7	22 20	0 40	16 51	1 24	14 56	16 26	10 11	10 20	8 45			n.a.
W21	7 15	23 10	5 9	2 56	2 26	11 42	1 18	4 41	1 28	15 12	1 14	18 25	1 6	22 20	0 40	16 51	1 24	14 56	16 25	10 11	10 19	8 42			n.a.
T 22	7 38	19 10	4 47	2 35	2 26	11 20	1 22	4 42	1 25	15 9	1 14	18 26	1 6	22 20	0 40	16 51	1 24	14 57	16 25	10 11	10 18	8 38			n.a.
F 23	8 2	14 28	4 13	2 11	2 25	10 57	1 25	4 43	1 21	15 6	1 14	18 28	1 6	22 20	0 40	16 51	1 24	14 57	16 25	10 10	10 16	8 35			n.a.
S 24	8 25	9 14	3 28	1 44	2 23	10 35	1 28	4 44	1 18	15 3	1 14	18 29	1 6	22 19	0 40	16 51	1 24	14 57	16 25	10 10	10 15	8 32			n.a.
S 25	8 48	3 41	2 35	1 15	2 21	10 11	1 32	4 44	1 15	15 0	1 15	18 31	1 6	22 19	0 40	16 51	1 24	14 58	16 25	10 10	10 14	8 29			n.a.
M26	9 11	2n 3	1 34	0 44	2 18	9 48	1 34	4 44	1 11	14 57	1 15	18 33	1 6	22 19	0 40	16 52	1 24	14 58	16 25	10 10	10 13	8 25			n.a.
T 27	9 34	7 45	0 29	0 11	2 14	9 24	1 37	4 44	1 8	14 54	1 15	18 34	1 6	22 19	0 40	16 52	1 24	14 58	16 25	10 10	10 12	8 22			n.a.
W28	9 57	13 15	0n38	0s23	2 9	9 0	1 40	4 43	1 5	14 51	1 15	18 36	1 6	22 19	0 40	16 52	1 24	14 58	16 24	10 10	10 11	8 19			n.a.
T 29	10 19	18 19	1 45	0 59	2 5	8 35	1 43	4 42	1 2	14 48	1 15	18 37	1 5	22 19	0 40	16 52	1 24	14 59	16 24	10 10	10 9	8 16			n.a.
F 30	10 42	22 40	2 47	1 36	1 59	8 10	1 45	4 41	0 59	14 45	1 16	18 39	1 5	22 19	0 40	16 52	1 24	14 59	16 24	10 10	10 8	8 12			n.a.
S 31	11s 4	26n 2	3n43	2s13	1n54	7n45	1n47	4s39	0s56	14n43	1n16	18s41	1n 5	22s18	0s40	16s52	1s24	14s59	16s24	10n 9	10n 7	8s 9			n.a.

Julian Day Number = 1318095.5, Delta T = 07h35m25s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'07, Lahiri = -19°12'07 Julian Calendar 1 Oct. 1105 BCE == Greg. Calendar 20 Sept. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

NOVEMBER 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 25	29♎23'31	23♊18	11♎14	15♍54	20°R31	24♌47	26♏49	24♑ 4	18°R28	29°R56	25°R52	25♈43	17♓10	n.a.	S 1
M 2	2 4 21	0♏24'40	6♋29	12°39	17° 4	20♓29	24°56	26°55	24° 5	18♒27	29♓55	25♈52	25°40	17°17	n.a.	M 2
T 3	2 8 18	1°25'51	19°57	14° 4	18°15	20°D29	25° 4	27° 2	24° 6	18°27	29°54	25°52	25°37	17°24	n.a.	T 3
W 4	2 12 14	2°27'03	3♌42	15°31	19°25	20°29	25°13	27° 8	24° 7	18°27	29°53	25°D52	25°34	17°30	n.a.	W 4
T 5	2 16 11	3°28'16	17°44	16°58	20°36	20°30	25°21	27°15	24° 9	18°27	29°52	25°52	25°31	17°37	n.a.	T 5
F 6	2 20 8	4°29'29	2♍ 2	18°26	21°46	20°31	25°29	27°22	24°10	18°27	29°51	25°52	25°27	17°44	n.a.	F 6
S 7	2 24 4	5°30'44	16°34	19°55	22°57	20°34	25°37	27°28	24°11	18°26	29°50	25°53	25°24	17°50	n.a.	S 7
S 8	2 28 1	6°31'59	1♎16	21°24	24° 8	20°37	25°45	27°35	24°12	18°26	29°49	25°54	25°21	17°57	n.a.	S 8
M 9	2 31 57	7°33'15	16° 2	22°53	25°19	20°40	25°53	27°42	24°13	18°D26	29°49	25°55	25°18	18° 4	n.a.	M 9
T 10	2 35 54	8°34'32	0♏45	24°23	26°30	20°45	26° 0	27°49	24°15	18°26	29°48	25°R55	25°15	18°10	n.a.	T 10
W11	2 39 50	9°35'49	15°18	25°54	27°42	20°50	26° 8	27°55	24°16	18°26	29°47	25°54	25°11	18°17	n.a.	W11
T 12	2 43 47	10°37'07	29°36	27°24	28°53	20°56	26°15	28° 2	24°18	18°26	29°46	25°53	25° 8	18°24	n.a.	T 12
F 13	2 47 43	11°38'25	13♐32	28°55	0♎ 5	21° 3	26°22	28° 9	24°19	18°27	29°45	25°51	25° 5	18°30	n.a.	F 13
S 14	2 51 40	12°39'43	27° 4	0♏27	1°16	21°11	26°29	28°16	24°21	18°27	29°44	25°48	25° 2	18°37	n.a.	S 14
S 15	2 55 37	13°41'02	10♑12	1°58	2°28	21°19	26°36	28°23	24°22	18°27	29°44	25°46	24°59	18°44	n.a.	S 15
M16	2 59 33	14°42'20	22°56	3°30	3°40	21°28	26°43	28°30	24°24	18°27	29°43	25°44	24°56	18°50	n.a.	M16
T 17	3 3 30	15°43'38	5♒21	5° 2	4°52	21°37	26°49	28°37	24°26	18°27	29°42	25°42	24°52	18°57	n.a.	T 17
W18	3 7 26	16°44'56	17°29	6°34	6° 4	21°47	26°56	28°44	24°27	18°28	29°41	25°D42	24°49	19° 4	n.a.	W18
T 19	3 11 23	17°46'14	29°26	8° 7	7°16	21°58	27° 2	28°51	24°29	18°28	29°41	25°42	24°46	19°10	n.a.	T 19
F 20	3 15 19	18°47'32	11♓17	9°40	8°28	22° 9	27° 8	28°58	24°31	18°28	29°40	25°44	24°43	19°17	n.a.	F 20
S 21	3 19 16	19°48'49	23° 6	11°13	9°40	22°21	27°14	29° 5	24°33	18°29	29°39	25°46	24°40	19°24	n.a.	S 21
S 22	3 23 13	20°50'06	4♈57	12°46	10°52	22°34	27°20	29°12	24°35	18°29	29°39	25°47	24°37	19°30	n.a.	S 22
M23	3 27 9	21°51'23	16°56	14°20	12° 5	22°47	27°25	29°19	24°37	18°30	29°38	25°49	24°33	19°37	n.a.	M23
T 24	3 31 6	22°52'40	29° 5	15°54	13°17	23° 0	27°31	29°26	24°39	18°30	29°37	25°R49	24°30	19°44	n.a.	T 24
W25	3 35 2	23°53'57	11♉27	17°28	14°30	23°14	27°36	29°33	24°41	18°31	29°37	25°48	24°27	19°50	n.a.	W25
T 26	3 38 59	24°55'13	24° 4	19° 3	15°42	23°29	27°41	29°40	24°43	18°31	29°36	25°45	24°24	19°57	n.a.	T 26
F 27	3 42 55	25°56'29	6♊55	20°38	16°55	23°44	27°46	29°47	24°45	18°32	29°35	25°41	24°21	20° 4	n.a.	F 27
S 28	3 46 52	26°57'46	20° 1	22°13	18° 7	24° 0	27°51	29°54	24°47	18°32	29°35	25°36	24°17	20°10	n.a.	S 28
S 29	3 50 48	27°59'02	3♋20	23°49	19°20	24°16	27°56	0♐ 1	24°49	18°33	29°34	25°31	24°14	20°17	n.a.	S 29
M30	3 54 45	29♏ 0'17	16♋52	25♏25	20♎33	24♓33	28♌ 0	0♐ 8	24♑51	18♒34	29♓34	25♈25	24♈11	20♓24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s26	28n 7	4n28	2s52	1n48	7n20	1n50	4s37	0s53	14n40	1n16	18s42	1n 5	22s18	0s40	16s52	1s24	14s59	16s24	10n 9	10n 6	8s 6		n.a.
M 2	11 48	28 39	4 59	3 31	1 42	6 54	1 52	4 35	0 50	14 37	1 16	18 44	1 5	22 18	0 40	16 52	1 24	15 0	16 23	10 9	10 5	8 2		n.a.
T 3	12 10	27 31	5 16	4 10	1 36	6 28	1 54	4 33	0 47	14 35	1 17	18 46	1 5	22 18	0 40	16 52	1 24	15 0	16 23	10 9	10 4	7 59		n.a.
W 4	12 31	24 44	5 14	4 50	1 29	6 1	1 56	4 30	0 44	14 32	1 17	18 47	1 5	22 18	0 40	16 52	1 24	15 0	16 23	10 9	10 2	7 56		n.a.
T 5	12 52	20 26	4 55	5 30	1 23	5 35	1 58	4 28	0 41	14 29	1 17	18 49	1 5	22 17	0 40	16 52	1 24	15 0	16 23	10 9	10 1	7 53		n.a.
F 6	13 14	14 54	4 16	6 10	1 16	5 8	1 59	4 24	0 39	14 27	1 17	18 51	1 5	22 17	0 40	16 52	1 24	15 0	16 23	10 9	10 0	7 49		n.a.
S 7	13 34	8 28	3 21	6 51	1 9	4 41	2 1	4 21	0 36	14 24	1 18	18 52	1 4	22 17	0 40	16 52	1 24	15 1	16 22	10 10	9 59	7 46		n.a.
S 8	13 55	1 31	2 12	7 31	1 2	4 14	2 2	4 17	0 33	14 22	1 18	18 54	1 4	22 17	0 40	16 52	1 24	15 1	16 22	10 10	9 58	7 43		n.a.
M 9	14 15	5s34	0 55	8 11	0 55	3 46	2 3	4 13	0 31	14 19	1 18	18 55	1 4	22 16	0 40	16 52	1 24	15 1	16 22	10 10	9 56	7 39		n.a.
T 10	14 35	12 20	0s27	8 51	0 48	3 19	2 5	4 9	0 28	14 17	1 18	18 57	1 4	22 16	0 40	16 52	1 24	15 1	16 22	10 10	9 55	7 36		n.a.
W11	14 55	18 22	1 45	9 31	0 41	2 51	2 6	4 5	0 26	14 15	1 19	18 59	1 4	22 16	0 40	16 52	1 24	15 1	16 22	10 10	9 54	7 33		n.a.
T 12	15 15	23 15	2 56	10 11	0 34	2 23	2 7	4 0	0 23	14 12	1 19	19 0	1 4	22 16	0 40	16 52	1 24	15 1	16 21	10 9	9 53	7 29		n.a.
F 13	15 34	26 40	3 54	10 50	0 27	1 55	2 8	3 55	0 21	14 10	1 19	19 2	1 4	22 15	0 40	16 52	1 23	15 1	16 21	10 9	9 52	7 26		n.a.
S 14	15 53	28 25	4 37	11 30	0 20	1 27	2 8	3 50	0 19	14 8	1 19	19 4	1 4	22 15	0 40	16 52	1 23	15 1	16 21	10 8	9 51	7 23		n.a.
S 15	16 12	28 29	5 4	12 8	0 14	0 58	2 9	3 45	0 16	14 6	1 20	19 5	1 4	22 15	0 40	16 52	1 23	15 1	16 21	10 7	9 49	7 19		n.a.
M16	16 31	27 1	5 15	12 47	0 7	0 30	2 9	3 39	0 14	14 4	1 20	19 7	1 4	22 14	0 40	16 52	1 23	15 2	16 20	10 6	9 48	7 16		n.a.
T 17	16 49	24 16	5 11	13 25	0s 0	0 1	2 10	3 33	0 12	14 2	1 20	19 9	1 3	22 14	0 40	16 52	1 23	15 2	16 20	10 6	9 47	7 13		n.a.
W18	17 7	20 29	4 53	14 2	0 7	0s27	2 10	3 27	0 10	14 0	1 21	19 10	1 3	22 14	0 40	16 51	1 23	15 2	16 20	10 5	9 46	7 10		n.a.
T 19	17 24	15 57	4 23	14 39	0 14	0 56	2 10	3 21	0 7	13 58	1 21	19 12	1 3	22 13	0 40	16 51	1 23	15 2	16 19	10 6	9 45	7 6		n.a.
F 20	17 42	10 51	3 41	15 16	0 20	1 25	2 11	3 15	0 5	13 56	1 21	19 13	1 3	22 13	0 40	16 51	1 23	15 2	16 19	10 6	9 43	7 3		n.a.
S 21	17 59	5 23	2 51	15 52	0 27	1 54	2 11	3 8	0 3	13 54	1 21	19 15	1 3	22 13	0 40	16 51	1 23	15 2	16 19	10 7	9 42	7 0		n.a.
S 22	18 15	0n17	1 52	16 27	0 33	2 22	2 10	3 1	0 1	13 52	1 22	19 17	1 3	22 12	0 40	16 51	1 23	15 2	16 19	10 7	9 41	6 56		n.a.
M23	18 32	6 1	0 49	17 1	0 39	2 51	2 10	2 54	0n 1	13 51	1 22	19 18	1 3	22 12	0 40	16 51	1 23	15 2	16 18	10 8	9 40	6 53		n.a.
T 24	18 48	11 36	0n18	17 35	0 45	3 20	2 10	2 47	0 2	13 49	1 22	19 20	1 3	22 11	0 39	16 50	1 23	15 2	16 18	10 8	9 39	6 50		n.a.
W25	19 3	16 51	1 25	18 8	0 51	3 49	2 10	2 40	0 4	13 47	1 23	19 22	1 3	22 11	0 39	16 50	1 23	15 2	16 18	10 8	9 38	6 46		n.a.
T 26	19 18	21 29	2 29	18 41	0 57	4 18	2 9	2 32	0 6	13 46	1 23	19 23	1 3	22 11	0 39	16 50	1 23	15 2	16 17	10 7	9 36	6 43		n.a.
F 27	19 33	25 12	3 26	19 12	1 3	4 47	2 9	2 24	0 8	13 44	1 23	19 25	1 3	22 10	0 39	16 50	1 23	15 2	16 17	10 5	9 35	6 40		n.a.
S 28	19 48	27 40	4 14	19 43	1 8	5 15	2 8	2 16	0 10	13 43	1 23	19 26	1 3	22 10	0 39	16 50	1 23	15 2	16 17	10 3	9 34	6 36		n.a.
S 29	20 2	28 36	4 49	20 13	1 13	5 44	2 7	2 8	0 11	13 42	1 24	19 28	1 3	22 9	0 39	16 49	1 23	15 2	16 17	10 1	9 33	6 33		n.a.
M30	20s16	27n50	5n 8	20s42	1s19	6s12	2n 6	2s 0	0n13	13n40	1n24	19s29	1n 2	22s 9	0s39	16s49	1s23	15s 1	16s16	9n59	9n32	6s30		n.a.

Julian Day Number = 1318126.5, Delta T = 07h35m24s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°19'03, Lahiri = -19°12'02 Julian Calendar 1 Nov. 1105 BCE == Greg. Calendar 21 Oct. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1105 BCE
geocentric

DECEMBER 1105 BCE (-1104) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 42	0♐ 1'33	0♌35	27♏ 1	21♎46	24♓50	28♌ 5	0♐15	24♑54	18♒35	29°R33	25°R21	24♈ 8	20♓30	n.a.	T 1
W 2	4 2 38	1° 2'49	14°27	28°38	22°59	25° 8	28° 9	0°22	24°56	18°35	29♓33	25♈18	24° 5	20°37	n.a.	W 2
T 3	4 6 35	2° 4'04	28°26	0♐15	24°12	25°26	28°13	0°29	24°58	18°36	29°32	25°D17	24° 2	20°44	n.a.	T 3
F 4	4 10 31	3° 5'19	12♍33	1°53	25°25	25°44	28°17	0°36	25° 1	18°37	29°32	25°17	23°58	20°50	n.a.	F 4
S 5	4 14 28	4° 6'34	26°45	3°31	26°38	26° 3	28°20	0°43	25° 3	18°38	29°32	25°18	23°55	20°57	n.a.	S 5
S 6	4 18 24	5° 7'48	11♎ 1	5°10	27°51	26°22	28°24	0°50	25° 6	18°39	29°31	25°20	23°52	21° 4	n.a.	S 6
M 7	4 22 21	6° 9'03	25°18	6°49	29° 4	26°42	28°27	0°57	25° 8	18°40	29°31	25°R20	23°49	21°10	n.a.	M 7
T 8	4 26 18	7°10'17	9♏33	8°29	0♏18	27° 2	28°30	1° 4	25°11	18°41	29°30	25°20	23°46	21°17	n.a.	T 8
W 9	4 30 14	8°11'30	23°42	10° 9	1°31	27°23	28°33	1°11	25°13	18°42	29°30	25°17	23°43	21°24	n.a.	W 9
T 10	4 34 11	9°12'43	7♐41	11°49	2°44	27°44	28°36	1°18	25°16	18°43	29°30	25°11	23°39	21°31	n.a.	T 10
F 11	4 38 7	10°13'55	21°25	13°31	3°57	28° 5	28°39	1°25	25°18	18°44	29°30	25° 4	23°36	21°37	n.a.	F 11
S 12	4 42 4	11°15'06	4♑51	15°12	5°11	28°27	28°41	1°32	25°21	18°45	29°29	24°56	23°33	21°44	n.a.	S 12
S 13	4 46 0	12°16'17	17°57	16°54	6°24	28°49	28°43	1°39	25°24	18°46	29°29	24°47	23°30	21°51	n.a.	S 13
M14	4 49 57	13°17'26	0♒42	18°37	7°38	29°11	28°45	1°46	25°26	18°47	29°29	24°39	23°27	21°57	n.a.	M14
T 15	4 53 53	14°18'34	13° 8	20°20	8°51	29°34	28°47	1°53	25°29	18°48	29°29	24°33	23°23	22° 4	n.a.	T 15
W16	4 57 50	15°19'41	25°18	22° 3	10° 5	29°57	28°49	2° 0	25°32	18°49	29°28	24°28	23°20	22°11	n.a.	W16
T 17	5 1 47	16°20'46	7♓16	23°47	11°18	0♈20	28°50	2° 7	25°35	18°51	29°28	24°26	23°17	22°17	n.a.	T 17
F 18	5 5 43	17°21'51	19° 7	25°31	12°32	0°44	28°51	2°14	25°38	18°52	29°28	24°D25	23°14	22°24	n.a.	F 18
S 19	5 9 40	18°22'54	0♈56	27°15	13°45	1° 8	28°52	2°21	25°41	18°53	29°28	24°26	23°11	22°31	n.a.	S 19
S 20	5 13 36	19°23'55	12°48	29° 0	14°59	1°32	28°53	2°28	25°43	18°55	29°28	24°27	23° 8	22°37	n.a.	S 20
M21	5 17 33	20°24'55	24°48	0♑44	16°12	1°57	28°54	2°35	25°46	18°56	29°28	24°R28	23° 4	22°44	n.a.	M21
T 22	5 21 29	21°25'54	7♉ 2	2°29	17°26	2°22	28°54	2°42	25°49	18°57	29°28	24°27	23° 1	22°51	n.a.	T 22
W23	5 25 26	22°26'52	19°33	4°13	18°40	2°47	28°55	2°48	25°52	18°59	29°28	24°24	22°58	22°57	n.a.	W23
T 24	5 29 23	23°27'48	2♊23	5°56	19°53	3°12	28°R55	2°55	25°55	19° 0	29°D28	24°18	22°55	23° 4	n.a.	T 24
F 25	5 33 19	24°28'43	15°34	7°39	21° 7	3°38	28°55	3° 2	25°58	19° 2	29°28	24°10	22°52	23°11	n.a.	F 25
S 26	5 37 16	25°29'37	29° 4	9°21	22°21	4° 4	28°55	3° 9	26° 1	19° 3	29°28	24° 0	22°49	23°17	n.a.	S 26
S 27	5 41 12	26°30'29	12♋51	11° 1	23°34	4°30	28°54	3°15	26° 4	19° 5	29°28	23°49	22°45	23°24	n.a.	S 27
M28	5 45 9	27°31'20	26°51	12°40	24°48	4°56	28°53	3°22	26° 8	19° 6	29°28	23°38	22°42	23°31	n.a.	M28
T 29	5 49 5	28°32'10	10♌59	14°16	26° 2	5°23	28°53	3°29	26°11	19° 8	29°28	23°29	22°39	23°37	n.a.	T 29
W30	5 53 2	29°32'58	25°11	15°51	27°15	5°49	28°52	3°35	26°14	19° 9	29°28	23°22	22°36	23°44	n.a.	W30
T 31	5 56 58	0♑33'45	9♍24	17♑21	28♏29	6♈16	28♌50	3♐42	26♑17	19♒11	29♓28	23♈18	22♈33	23♓51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s29	25n24	5n10	21s10	1s23	6s41	2n 5	1s52	0n15	13n39	1n24	19s31	1n 2	22s 9	0s39	16s49	1s23	15s 1	16s16	9n58	9n30	6s26			n.a.
W 2	20 42	21 27	4 54	21 37	1 28	7 9	2 4	1 43	0 16	13 38	1 25	19 33	1 2	22 8	0 39	16 49	1 23	15 1	16 16	9 57	9 29	6 23			n.a.
T 3	20 55	16 17	4 21	22 2	1 33	7 38	2 3	1 34	0 18	13 37	1 25	19 34	1 2	22 8	0 39	16 48	1 23	15 1	16 15	9 56	9 28	6 19			n.a.
F 4	21 7	10 13	3 32	22 27	1 37	8 6	2 2	1 26	0 19	13 36	1 25	19 36	1 2	22 7	0 39	16 48	1 23	15 1	16 15	9 56	9 27	6 16			n.a.
S 5	21 19	3 35	2 29	22 51	1 41	8 34	2 1	1 17	0 21	13 35	1 26	19 37	1 2	22 7	0 39	16 48	1 23	15 1	16 15	9 57	9 26	6 13			n.a.
S 6	21 30	3s15	1 17	23 13	1 44	9 2	1 59	1 7	0 22	13 34	1 26	19 39	1 2	22 6	0 39	16 47	1 23	15 1	16 14	9 57	9 25	6 9			n.a.
M 7	21 41	9 56	0 0	23 34	1 48	9 29	1 58	0 58	0 24	13 33	1 26	19 40	1 2	22 6	0 39	16 47	1 23	15 1	16 14	9 57	9 23	6 6			n.a.
T 8	21 52	16 7	1s16	23 54	1 51	9 57	1 56	0 49	0 25	13 32	1 26	19 42	1 2	22 5	0 39	16 47	1 23	15 0	16 14	9 57	9 22	6 3			n.a.
W 9	22 2	21 23	2 28	24 12	1 53	10 24	1 55	0 39	0 26	13 31	1 27	19 43	1 2	22 5	0 39	16 46	1 22	15 0	16 13	9 56	9 21	5 59			n.a.
T 10	22 11	25 23	3 29	24 29	1 56	10 51	1 53	0 30	0 28	13 31	1 27	19 45	1 2	22 4	0 39	16 46	1 22	15 0	16 13	9 54	9 20	5 56			n.a.
F 11	22 21	27 49	4 17	24 44	1 58	11 18	1 52	0 20	0 29	13 30	1 27	19 46	1 2	22 4	0 39	16 46	1 22	15 0	16 13	9 51	9 19	5 53			n.a.
S 12	22 30	28 33	4 49	24 58	2 0	11 44	1 50	0 10	0 30	13 29	1 28	19 48	1 2	22 3	0 39	16 45	1 22	15 0	16 12	9 48	9 17	5 49			n.a.
S 13	22 38	27 39	5 5	25 11	2 1	12 11	1 48	0n 0	0 32	13 29	1 28	19 49	1 2	22 3	0 39	16 45	1 22	15 0	16 12	9 45	9 16	5 46			n.a.
M14	22 46	25 18	5 6	25 21	2 2	12 37	1 46	0 10	0 33	13 28	1 28	19 51	1 2	22 2	0 39	16 44	1 22	14 59	16 12	9 42	9 15	5 43			n.a.
T 15	22 53	21 48	4 52	25 30	2 2	13 2	1 44	0 21	0 34	13 28	1 29	19 52	1 2	22 2	0 39	16 44	1 22	14 59	16 11	9 40	9 14	5 39			n.a.
W16	23 0	17 26	4 24	25 37	2 2	13 28	1 42	0 31	0 35	13 28	1 29	19 54	1 2	22 1	0 39	16 44	1 22	14 59	16 11	9 38	9 13	5 36			n.a.
T 17	23 7	12 28	3 46	25 42	2 1	13 53	1 40	0 41	0 36	13 28	1 29	19 55	1 2	22 1	0 39	16 43	1 22	14 59	16 11	9 37	9 11	5 32			n.a.
F 18	23 13	7 6	2 58	25 45	2 0	14 18	1 38	0 52	0 37	13 27	1 30	19 57	1 1	22 0	0 39	16 43	1 22	14 58	16 10	9 37	9 10	5 29			n.a.
S 19	23 19	1 30	2 3	25 47	1 59	14 42	1 36	1 3	0 39	13 27	1 30	19 58	1 1	21 59	0 39	16 42	1 22	14 58	16 10	9 37	9 9	5 26			n.a.
S 20	23 24	4n11	1 2	25 46	1 56	15 6	1 33	1 13	0 40	13 27	1 30	19 59	1 1	21 59	0 39	16 42	1 22	14 58	16 9	9 38	9 8	5 22			n.a.
M21	23 29	9 47	0n 2	25 43	1 54	15 30	1 31	1 24	0 41	13 27	1 31	20 1	1 1	21 58	0 39	16 41	1 22	14 57	16 9	9 38	9 7	5 19			n.a.
T 22	23 33	15 8	1 7	25 38	1 50	15 54	1 29	1 35	0 42	13 28	1 31	20 2	1 1	21 58	0 39	16 41	1 22	14 57	16 9	9 37	9 5	5 16			n.a.
W23	23 37	19 59	2 10	25 31	1 46	16 17	1 26	1 46	0 43	13 28	1 31	20 4	1 1	21 57	0 39	16 40	1 22	14 57	16 8	9 36	9 4	5 12			n.a.
T 24	23 40	24 3	3 8	25 22	1 41	16 39	1 24	1 57	0 44	13 28	1 32	20 5	1 1	21 57	0 39	16 40	1 22	14 57	16 8	9 34	9 3	5 9			n.a.
F 25	23 43	26 58	3 58	25 11	1 35	17 1	1 21	2 9	0 45	13 28	1 32	20 6	1 1	21 56	0 39	16 39	1 22	14 56	16 8	9 31	9 2	5 5			n.a.
S 26	23 45	28 25	4 35	24 58	1 29	17 23	1 19	2 20	0 46	13 29	1 32	20 8	1 1	21 55	0 39	16 39	1 22	14 56	16 7	9 27	9 1	5 2			n.a.
S 27	23 47	28 8	4 58	24 43	1 22	17 44	1 16	2 31	0 46	13 29	1 33	20 9	1 1	21 55	0 39	16 38	1 22	14 56	16 7	9 23	8 59	4 59			n.a.
M28	23 48	26 4	5 3	24 26	1 14	18 5	1 14	2 43	0 47	13 30	1 33	20 10	1 1	21 54	0 39	16 38	1 22	14 55	16 7	9 19	8 58	4 55			n.a.
T 29	23 49	22 23	4 49	24 7	1 5	18 25	1 11	2 54	0 48	13 30	1 33	20 12	1 1	21 54	0 39	16 37	1 22	14 55	16 6	9 16	8 57	4 52			n.a.
W30	23 50	17 22	4 18	23 47	0 55	18 45	1 8	3 6	0 49	13 31	1 33	20 13	1 1	21 53	0 39	16 37	1 22	14 54	16 6	9 13	8 56	4 48			n.a.
T 31	23s50	11n25	3n31	23s25	0s44	19s 5	1n 6	3n17	0n50	13n32	1n34	20s14	1n 1	21s52	0s39	16s36	1s22	14s54	16s 6	9n12	8n55	4s45			n.a.

Julian Day Number = 1318156.5, Delta T = 07h35m22s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'59, Lahiri = -19°11'58 Julian Calendar 1 Dec. 1105 BCE == Greg. Calendar 20 Nov. 1105 BCE

The year -1104 astronomical counting style corresponds to year 1105 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

JANUARY 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 0 55	1♉34'31	23♍34	18♉49	29♏43	6♈44	28°R49	3♐48	26♉20	19♒13	29♓29	23°R16	22♈29	23♓57	n.a.	F 1
S 2	6 4 52	2°35'16	7♎39	20°12	0♐57	7°11	28♌47	3°55	26°23	19°14	29°29	23°D16	22°26	24° 4	n.a.	S 2
S 3	6 8 48	3°36'00	21°40	21°30	2°11	7°39	28°46	4° 1	26°27	19°16	29°29	23°R16	22°23	24°11	n.a.	S 3
M 4	6 12 45	4°36'42	5♏35	22°42	3°24	8° 7	28°44	4° 8	26°30	19°18	29°29	23♈16	22°20	24°17	n.a.	M 4
T 5	6 16 41	5°37'23	19°23	23°48	4°38	8°35	28°41	4°14	26°33	19°19	29°29	23°13	22°17	24°24	n.a.	T 5
W 6	6 20 38	6°38'03	3♐ 5	24°46	5°52	9° 3	28°39	4°21	26°36	19°21	29°30	23° 8	22°14	24°30	n.a.	W 6
T 7	6 24 34	7°38'41	16°38	25°37	7° 6	9°31	28°37	4°27	26°40	19°23	29°30	23° 0	22°10	24°37	n.a.	T 7
F 8	6 28 31	8°39'18	29°59	26°19	8°20	10° 0	28°34	4°33	26°43	19°25	29°30	22°48	22° 7	24°44	n.a.	F 8
S 9	6 32 28	9°39'53	13♑ 8	26°52	9°33	10°29	28°31	4°39	26°46	19°27	29°31	22°36	22° 4	24°50	n.a.	S 9
S 10	6 36 24	10°40'26	26° 1	27°15	10°47	10°58	28°28	4°46	26°50	19°29	29°31	22°22	22° 1	24°57	n.a.	S 10
M11	6 40 21	11°40'58	8♒38	27°28	12° 1	11°27	28°25	4°52	26°53	19°30	29°31	22° 9	21°58	25° 4	n.a.	M11
T 12	6 44 17	12°41'27	21° 0	27°R31	13°15	11°56	28°21	4°58	26°56	19°32	29°32	21°58	21°55	25°10	n.a.	T 12
W13	6 48 14	13°41'55	3♓ 8	27°24	14°29	12°26	28°17	5° 4	27° 0	19°34	29°32	21°49	21°51	25°17	n.a.	W13
T 14	6 52 10	14°42'20	15° 5	27° 6	15°43	12°55	28°14	5°10	27° 3	19°36	29°33	21°43	21°48	25°24	n.a.	T 14
F 15	6 56 7	15°42'43	26°55	26°39	16°57	13°25	28°10	5°16	27° 6	19°38	29°33	21°40	21°45	25°30	n.a.	F 15
S 16	7 0 3	16°43'05	8♈42	26° 3	18°10	13°55	28° 6	5°22	27°10	19°40	29°34	21°39	21°42	25°37	n.a.	S 16
S 17	7 4 0	17°43'24	20°33	25°20	19°24	14°25	28° 1	5°28	27°13	19°42	29°34	21°39	21°39	25°44	n.a.	S 17
M18	7 7 56	18°43'41	2♉33	24°29	20°38	14°56	27°57	5°33	27°16	19°44	29°35	21°39	21°35	25°50	n.a.	M18
T 19	7 11 53	19°43'56	14°47	23°32	21°52	15°26	27°52	5°39	27°20	19°46	29°35	21°37	21°32	25°57	n.a.	T 19
W20	7 15 50	20°44'08	27°20	22°32	23° 6	15°57	27°47	5°45	27°23	19°48	29°36	21°34	21°29	26° 4	n.a.	W20
T 21	7 19 46	21°44'19	10♊16	21°29	24°20	16°27	27°42	5°50	27°27	19°50	29°36	21°27	21°26	26°10	n.a.	T 21
F 22	7 23 43	22°44'27	23°37	20°25	25°34	16°58	27°37	5°56	27°30	19°52	29°37	21°18	21°23	26°17	n.a.	F 22
S 23	7 27 39	23°44'33	7♋24	19°22	26°47	17°29	27°32	6° 2	27°34	19°54	29°38	21° 7	21°20	26°24	n.a.	S 23
S 24	7 31 36	24°44'38	21°32	18°21	28° 1	18° 0	27°27	6° 7	27°37	19°56	29°38	20°55	21°16	26°30	n.a.	S 24
M25	7 35 32	25°44'40	5♌58	17°23	29°15	18°31	27°21	6°12	27°40	19°58	29°39	20°43	21°13	26°37	n.a.	M25
T 26	7 39 29	26°44'40	20°34	16°29	0♑29	19° 2	27°16	6°18	27°44	20° 1	29°40	20°32	21°10	26°44	n.a.	T 26
W27	7 43 26	27°44'38	5♍14	15°41	1°43	19°34	27°10	6°23	27°47	20° 3	29°40	20°24	21° 7	26°50	n.a.	W27
T 28	7 47 22	28°44'34	19°49	14°58	2°57	20° 5	27° 4	6°28	27°51	20° 5	29°41	20°19	21° 4	26°57	n.a.	T 28
F 29	7 51 19	29°44'28	4♎15	14°22	4°10	20°37	26°58	6°33	27°54	20° 7	29°42	20°16	21° 1	27° 4	n.a.	F 29
S 30	7 55 15	0♒44'21	18°29	13°52	5°24	21° 8	26°52	6°38	27°58	20° 9	29°43	20°D15	20°57	27°10	n.a.	S 30
S 31	7 59 12	1♒44'12	2♏30	13♑29	6♑38	21♈40	26♌45	6♐43	28♑ 1	20♒11	29♓43	20°R15	20♈54	27♓17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	4n54	2n31	23s 2	0s33	19s23	1n 3	3n29	0n51	13n32	1n34	20s15	1n 1	21s52	0s39	16s36	1s22	14s54	16s 5	9n11	8n53	4s42		n.a.
S 2	23 48	1s50	1 22	22 37	0 21	19 42	1 0	3 41	0 51	13 33	1 34	20 17	1 1	21 51	0 39	16 35	1 22	14 53	16 5	9 11	8 52	4 38		n.a.
S 3	23 47	8 27	0 9	22 12	0 7	20 0	0 58	3 53	0 52	13 34	1 35	20 18	1 1	21 50	0 39	16 35	1 22	14 53	16 5	9 11	8 51	4 35		n.a.
M 4	23 45	14 37	1s 5	21 46	0n 7	20 17	0 55	4 5	0 53	13 35	1 35	20 19	1 1	21 50	0 39	16 34	1 22	14 52	16 4	9 11	8 50	4 31		n.a.
T 5	23 42	20 0	2 14	21 20	0 22	20 34	0 52	4 17	0 54	13 36	1 35	20 20	1 1	21 49	0 39	16 33	1 22	14 52	16 4	9 10	8 49	4 28		n.a.
W 6	23 40	24 17	3 14	20 55	0 37	20 50	0 49	4 29	0 55	13 37	1 36	20 22	1 1	21 49	0 39	16 33	1 22	14 52	16 3	9 8	8 47	4 25		n.a.
T 7	23 36	27 10	4 3	20 30	0 53	21 5	0 46	4 41	0 55	13 39	1 36	20 23	1 1	21 48	0 39	16 32	1 22	14 51	16 3	9 5	8 46	4 21		n.a.
F 8	23 32	28 27	4 37	20 6	1 10	21 20	0 44	4 53	0 56	13 40	1 36	20 24	1 1	21 47	0 39	16 32	1 22	14 51	16 3	9 1	8 45	4 18		n.a.
S 9	23 28	28 5	4 56	19 43	1 26	21 34	0 41	5 5	0 57	13 41	1 36	20 25	1 1	21 47	0 39	16 31	1 22	14 50	16 2	8 56	8 44	4 14		n.a.
S 10	23 23	26 11	5 0	19 22	1 43	21 48	0 38	5 17	0 57	13 42	1 37	20 26	1 1	21 46	0 39	16 30	1 22	14 50	16 2	8 51	8 43	4 11		n.a.
M11	23 18	23 1	4 48	19 2	2 0	22 1	0 35	5 29	0 58	13 44	1 37	20 27	1 1	21 45	0 39	16 30	1 22	14 49	16 2	8 46	8 41	4 8		n.a.
T 12	23 13	18 53	4 23	18 46	2 17	22 14	0 32	5 41	0 59	13 45	1 37	20 29	1 1	21 45	0 39	16 29	1 22	14 49	16 1	8 41	8 40	4 4		n.a.
W13	23 7	14 2	3 47	18 31	2 33	22 26	0 29	5 54	0 59	13 47	1 38	20 30	1 1	21 44	0 39	16 29	1 22	14 48	16 1	8 38	8 39	4 1		n.a.
T 14	23 0	8 44	3 1	18 20	2 48	22 37	0 26	6 6	1 0	13 49	1 38	20 31	1 1	21 43	0 39	16 28	1 21	14 48	16 1	8 36	8 38	3 57		n.a.
F 15	22 53	3 11	2 7	18 11	3 3	22 47	0 23	6 18	1 0	13 50	1 38	20 32	1 1	21 43	0 39	16 27	1 21	14 47	16 0	8 35	8 37	3 54		n.a.
S 16	22 46	2n28	1 8	18 5	3 15	22 57	0 21	6 31	1 1	13 52	1 38	20 33	1 1	21 42	0 39	16 27	1 21	14 47	16 0	8 34	8 35	3 51		n.a.
S 17	22 38	8 4	0 6	18 2	3 27	23 6	0 18	6 43	1 2	13 54	1 39	20 34	1 1	21 41	0 39	16 26	1 21	14 46	16 0	8 34	8 34	3 47		n.a.
M18	22 30	13 27	0n57	18 1	3 36	23 15	0 15	6 56	1 2	13 56	1 39	20 35	1 1	21 41	0 39	16 25	1 21	14 46	15 59	8 34	8 33	3 44		n.a.
T 19	22 21	18 26	1 59	18 4	3 44	23 22	0 12	7 8	1 3	13 57	1 39	20 36	1 1	21 40	0 39	16 25	1 21	14 45	15 59	8 34	8 32	3 40		n.a.
W20	22 12	22 45	2 57	18 8	3 49	23 30	0 9	7 20	1 3	13 59	1 40	20 37	1 1	21 39	0 39	16 24	1 21	14 45	15 59	8 32	8 31	3 37		n.a.
T 21	22 2	26 5	3 47	18 15	3 53	23 36	0 6	7 33	1 4	14 1	1 40	20 38	1 1	21 39	0 39	16 23	1 21	14 44	15 58	8 30	8 29	3 33		n.a.
F 22	21 53	28 6	4 26	18 24	3 54	23 42	0 4	7 45	1 4	14 3	1 40	20 39	1 1	21 38	0 39	16 23	1 21	14 44	15 58	8 26	8 28	3 30		n.a.
S 23	21 42	28 28	4 52	18 34	3 53	23 47	0 1	7 58	1 5	14 5	1 40	20 40	1 1	21 37	0 39	16 22	1 21	14 43	15 58	8 22	8 27	3 27		n.a.
S 24	21 31	27 1	5 0	18 45	3 50	23 51	0s 2	8 10	1 5	14 7	1 41	20 41	1 1	21 36	0 39	16 21	1 21	14 43	15 57	8 18	8 26	3 23		n.a.
M25	21 20	23 45	4 50	18 58	3 45	23 54	0 5	8 23	1 6	14 10	1 41	20 42	1 1	21 36	0 39	16 21	1 21	14 42	15 57	8 13	8 25	3 20		n.a.
T 26	21 9	18 58	4 20	19 11	3 38	23 57	0 7	8 35	1 6	14 12	1 41	20 43	1 1	21 35	0 39	16 20	1 21	14 41	15 57	8 9	8 23	3 16		n.a.
W27	20 57	13 3	3 34	19 25	3 29	23 59	0 10	8 48	1 7	14 14	1 41	20 44	1 1	21 34	0 39	16 19	1 21	14 41	15 56	8 6	8 22	3 13		n.a.
T 28	20 45	6 26	2 33	19 40	3 20	24 1	0 13	9 0	1 7	14 16	1 41	20 45	1 1	21 34	0 39	16 19	1 21	14 40	15 56	8 4	8 21	3 10		n.a.
F 29	20 32	0s27	1 24	19 54	3 9	24 1	0 16	9 13	1 7	14 19	1 42	20 46	1 1	21 33	0 39	16 18	1 21	14 40	15 56	8 3	8 20	3 6		n.a.
S 30	20 19	7 13	0 9	20 9	2 58	24 1	0 18	9 26	1 8	14 21	1 42	20 46	1 1	21 32	0 39	16 17	1 21	14 39	15 56	8 2	8 18	3 3		n.a.
S 31	20s 6	13s32	1s 4	20s23	2n45	24s 0	0s21	9n38	1n 8	14n23	1n42	20s47	1n 1	21s32	0s39	16s16	1s21	14s39	15s55	8n 2	8n17	2s59		n.a.

Julian Day Number = 1318187.5, Delta T = 07h35m21s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'55, Lahiri = -19°11'54 Julian Calendar 1 Jan. 1104 BCE == Greg. Calendar 21 Dec. 1105 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

FEBRUARY 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 3 8	2♒44'01	16♏16	13°R13	7♑52	22♈12	26°R39	6♐48	28♑ 4	20♒13	29♓44	20°R15	20♈51	27♓24	n.a.	M 1
T 2	8 7 5	3°43'48	29°50	13♑ 3	9° 6	22°44	26♎32	6°53	28° 8	20°16	29°45	20♈12	20°48	27°30	n.a.	T 2
W 3	8 11 1	4°43'33	13♐11	13°D 0	10°20	23°16	26°26	6°58	28°11	20°18	29°46	20° 7	20°45	27°37	n.a.	W 3
T 4	8 14 58	5°43'17	26°21	13° 2	11°34	23°49	26°19	7° 3	28°15	20°20	29°47	20° 0	20°41	27°44	n.a.	T 4
F 5	8 18 54	6°42'58	9♑20	13°11	12°47	24°21	26°12	7° 8	28°18	20°22	29°48	19°49	20°38	27°50	n.a.	F 5
S 6	8 22 51	7°42'38	22° 6	13°25	14° 1	24°53	26° 5	7°12	28°22	20°24	29°49	19°37	20°35	27°57	n.a.	S 6
S 7	8 26 48	8°42'15	4♒42	13°45	15°15	25°26	25°58	7°17	28°25	20°27	29°49	19°24	20°32	28° 4	n.a.	S 7
M 8	8 30 44	9°41'51	17° 5	14° 9	16°29	25°58	25°51	7°21	28°28	20°29	29°50	19°11	20°29	28°10	n.a.	M 8
T 9	8 34 41	10°41'24	29°17	14°39	17°43	26°31	25°44	7°26	28°32	20°31	29°51	19° 0	20°26	28°17	n.a.	T 9
W10	8 38 37	11°40'54	11♓18	15°12	18°57	27° 4	25°37	7°30	28°35	20°33	29°52	18°52	20°22	28°24	n.a.	W10
T 11	8 42 34	12°40'23	23°11	15°50	20°10	27°37	25°29	7°34	28°38	20°36	29°53	18°46	20°19	28°30	n.a.	T 11
F 12	8 46 30	13°39'49	5♈ 0	16°32	21°24	28° 9	25°22	7°38	28°42	20°38	29°54	18°43	20°16	28°37	n.a.	F 12
S 13	8 50 27	14°39'12	16°46	17°17	22°38	28°42	25°14	7°42	28°45	20°40	29°55	18°D42	20°13	28°44	n.a.	S 13
S 14	8 54 23	15°38'33	28°36	18° 6	23°52	29°16	25° 7	7°46	28°48	20°42	29°56	18°42	20°10	28°50	n.a.	S 14
M15	8 58 20	16°37'52	10♉34	18°58	25° 6	29°49	24°59	7°50	28°52	20°45	29°57	18°43	20° 7	28°57	n.a.	M15
T 16	9 2 16	17°37'08	22°46	19°53	26°19	0♉22	24°52	7°54	28°55	20°47	29°58	18°R43	20° 3	29° 4	n.a.	T 16
W17	9 6 13	18°36'22	5♊17	20°51	27°33	0°55	24°44	7°58	28°58	20°49	29°59	18°41	20° 0	29°10	n.a.	W17
T 18	9 10 10	19°35'34	18°12	21°52	28°47	1°29	24°37	8° 2	29° 2	20°52	0♈ 0	18°38	19°57	29°17	n.a.	T 18
F 19	9 14 6	20°34'43	1♋33	22°56	0♒ 1	2° 2	24°29	8° 5	29° 5	20°54	0° 2	18°32	19°54	29°24	n.a.	F 19
S 20	9 18 3	21°33'50	15°23	24° 2	1°14	2°36	24°21	8° 9	29° 8	20°56	0° 3	18°24	19°51	29°30	n.a.	S 20
S 21	9 21 59	22°32'54	29°40	25°10	2°28	3° 9	24°13	8°12	29°11	20°58	0° 4	18°15	19°47	29°37	n.a.	S 21
M22	9 25 56	23°31'56	14♌20	26°20	3°42	3°43	24° 6	8°16	29°15	21° 1	0° 5	18° 7	19°44	29°43	n.a.	M22
T 23	9 29 52	24°30'56	29°15	27°33	4°56	4°16	23°58	8°19	29°18	21° 3	0° 6	17°59	19°41	29°50	n.a.	T 23
W24	9 33 49	25°29'53	14♍17	28°48	6° 9	4°50	23°50	8°22	29°21	21° 5	0° 7	17°53	19°38	29°57	n.a.	W24
T 25	9 37 45	26°28'48	29°16	0♒ 5	7°23	5°24	23°43	8°25	29°24	21° 7	0° 8	17°49	19°35	0♈ 3	n.a.	T 25
F 26	9 41 42	27°27'42	14♎ 4	1°23	8°37	5°58	23°35	8°28	29°27	21°10	0° 9	17°D48	19°32	0°10	n.a.	F 26
S 27	9 45 39	28°26'33	28°36	2°44	9°51	6°32	23°27	8°31	29°30	21°12	0°11	17°48	19°28	0°17	n.a.	S 27
S 28	9 49 35	29♒25'23	12♏48	4♒ 6	11♒ 4	7♉ 6	23♌20	8♐34	29♑33	21♒14	0♈12	17♈49	19♈25	0♈23	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s52	19s 6	2s13	20s38	2n33	23s59	0s23	9n51	1n 9	14n26	1n42	20s48	1n 1	21s31	0s39	16s16	1s21	14s38	15s55	8n 2	8n16	2s56		n.a.
T 2	19 38	23 35	3 13	20 52	2 19	23 56	0 26	10 3	1 9	14 28	1 42	20 49	1 1	21 30	0 39	16 15	1 21	14 37	15 55	8 1	8 15	2 52		n.a.
W 3	19 24	26 45	4 2	21 5	2 6	23 53	0 28	10 15	1 10	14 31	1 43	20 50	1 1	21 30	0 39	16 14	1 21	14 37	15 54	7 59	8 14	2 49		n.a.
T 4	19 9	28 23	4 36	21 19	1 53	23 50	0 31	10 28	1 10	14 33	1 43	20 51	1 1	21 29	0 39	16 14	1 21	14 36	15 54	7 56	8 12	2 46		n.a.
F 5	18 54	28 25	4 56	21 31	1 39	23 45	0 33	10 40	1 10	14 36	1 43	20 51	1 1	21 28	0 39	16 13	1 21	14 36	15 54	7 52	8 11	2 42		n.a.
S 6	18 38	26 56	5 1	21 43	1 26	23 40	0 36	10 53	1 11	14 38	1 43	20 52	1 1	21 27	0 39	16 12	1 21	14 35	15 53	7 48	8 10	2 39		n.a.
S 7	18 23	24 6	4 51	21 54	1 13	23 34	0 38	11 5	1 11	14 41	1 43	20 53	1 1	21 27	0 39	16 11	1 21	14 34	15 53	7 43	8 9	2 35		n.a.
M 8	18 7	20 12	4 27	22 4	1 0	23 28	0 40	11 18	1 11	14 44	1 43	20 54	1 1	21 26	0 39	16 11	1 21	14 34	15 53	7 38	8 8	2 32		n.a.
T 9	17 50	15 30	3 51	22 14	0 47	23 20	0 43	11 30	1 12	14 46	1 44	20 54	1 1	21 25	0 39	16 10	1 21	14 33	15 53	7 34	8 6	2 28		n.a.
W10	17 34	10 17	3 5	22 22	0 35	23 12	0 45	11 42	1 12	14 49	1 44	20 55	1 1	21 25	0 39	16 9	1 21	14 32	15 52	7 30	8 5	2 25		n.a.
T 11	17 17	4 45	2 12	22 30	0 22	23 4	0 47	11 55	1 12	14 51	1 44	20 56	1 1	21 24	0 39	16 9	1 21	14 32	15 52	7 28	8 4	2 21		n.a.
F 12	17 0	0n55	1 12	22 37	0 11	22 54	0 49	12 7	1 13	14 54	1 44	20 56	1 1	21 23	0 39	16 8	1 21	14 31	15 52	7 27	8 3	2 18		n.a.
S 13	16 42	6 32	0 10	22 42	0s 1	22 44	0 51	12 19	1 13	14 57	1 44	20 57	1 1	21 23	0 39	16 7	1 21	14 31	15 52	7 26	8 1	2 15		n.a.
S 14	16 24	11 58	0n53	22 46	0 12	22 33	0 53	12 32	1 13	14 59	1 44	20 58	1 1	21 22	0 39	16 6	1 21	14 30	15 51	7 27	8 0	2 11		n.a.
M15	16 6	17 2	1 54	22 50	0 22	22 22	0 55	12 44	1 14	15 2	1 44	20 58	1 1	21 21	0 39	16 6	1 21	14 29	15 51	7 27	7 59	2 8		n.a.
T 16	15 48	21 32	2 52	22 52	0 32	22 10	0 57	12 56	1 14	15 5	1 44	20 59	1 1	21 21	0 39	16 5	1 21	14 29	15 51	7 27	7 58	2 4		n.a.
W17	15 30	25 11	3 43	22 52	0 42	21 57	0 59	13 8	1 14	15 8	1 44	20 59	1 1	21 20	0 39	16 4	1 21	14 28	15 51	7 26	7 57	2 1		n.a.
T 18	15 11	27 40	4 24	22 52	0 51	21 44	1 1	13 20	1 14	15 10	1 45	21 0	1 1	21 19	0 39	16 3	1 21	14 27	15 50	7 25	7 55	1 57		n.a.
F 19	14 52	28 41	4 52	22 50	1 0	21 30	1 3	13 32	1 15	15 13	1 45	21 1	1 1	21 19	0 39	16 3	1 21	14 27	15 50	7 23	7 54	1 54		n.a.
S 20	14 33	27 58	5 5	22 47	1 9	21 15	1 4	13 44	1 15	15 16	1 45	21 1	1 1	21 18	0 39	16 2	1 21	14 26	15 50	7 20	7 53	1 50		n.a.
S 21	14 13	25 25	4 59	22 42	1 17	21 0	1 6	13 56	1 15	15 18	1 45	21 2	1 1	21 17	0 39	16 1	1 21	14 25	15 50	7 16	7 52	1 47		n.a.
M22	13 54	21 10	4 34	22 36	1 24	20 44	1 8	14 8	1 15	15 21	1 45	21 2	1 1	21 17	0 39	16 0	1 21	14 25	15 50	7 13	7 51	1 44		n.a.
T 23	13 34	15 30	3 50	22 29	1 31	20 28	1 9	14 20	1 16	15 24	1 45	21 3	1 1	21 16	0 39	16 0	1 21	14 24	15 49	7 10	7 49	1 40		n.a.
W24	13 14	8 54	2 50	22 20	1 38	20 11	1 11	14 32	1 16	15 26	1 45	21 3	1 1	21 15	0 39	15 59	1 21	14 23	15 49	7 8	7 48	1 37		n.a.
T 25	12 53	1 48	1 38	22 9	1 44	19 53	1 12	14 44	1 16	15 29	1 45	21 4	1 1	21 15	0 39	15 58	1 21	14 23	15 49	7 6	7 47	1 33		n.a.
F 26	12 33	5s20	0 20	21 57	1 50	19 35	1 14	14 55	1 16	15 32	1 45	21 4	1 1	21 14	0 39	15 58	1 21	14 22	15 49	7 6	7 46	1 30		n.a.
S 27	12 12	12 3	0s58	21 44	1 55	19 16	1 15	15 7	1 16	15 34	1 45	21 5	1 1	21 13	0 39	15 57	1 21	14 22	15 49	7 6	7 44	1 26		n.a.
S 28	11s52	18s 0	2s11	21s29	2s 0	18s57	1s16	15n18	1n17	15n37	1n45	21s 5	1n 1	21s13	0s39	15s56	1s21	14s21	15s48	7n 6	7n43	1s23		n.a.

Julian Day Number = 1318218.5, Delta T = 07h35m19s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'50, Lahiri = -19°11'50 Julian Calendar 1 Feb. 1104 BCE == Greg. Calendar 21 Jan. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

MARCH 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 53 32	0♓24'11	26♏40	5♒31	12♒18	7♉40	23°R12	8♐37	29♋36	21♒16	0♈13	17°R50	19♈22	0♈30	n.a.	M 1
T 2	9 57 28	1°22'57	10♐11	6°57	13°32	8°14	23♌ 4	8°39	29°39	21°19	0°14	17♈50	19°19	0°37	n.a.	T 2
W 3	10 1 25	2°21'41	23°24	8°24	14°46	8°48	22°57	8°42	29°43	21°21	0°15	17°48	19°16	0°43	n.a.	W 3
T 4	10 5 21	3°20'24	6♋20	9°54	15°59	9°22	22°49	8°44	29°46	21°23	0°17	17°44	19°13	0°50	n.a.	T 4
F 5	10 9 18	4°19'04	19° 2	11°25	17°13	9°56	22°42	8°47	29°48	21°25	0°18	17°38	19° 9	0°57	n.a.	F 5
S 6	10 13 14	5°17'43	1♒32	12°58	18°27	10°31	22°34	8°49	29°51	21°28	0°19	17°31	19° 6	1° 3	n.a.	S 6
S 7	10 17 11	6°16'19	13°50	14°32	19°41	11° 5	22°27	8°51	29°54	21°30	0°20	17°23	19° 3	1°10	n.a.	S 7
M 8	10 21 8	7°14'54	25°59	16° 8	20°54	11°39	22°20	8°54	29°57	21°32	0°22	17°16	19° 0	1°17	n.a.	M 8
T 9	10 25 4	8°13'27	8♓ 0	17°45	22° 8	12°14	22°12	8°56	0♒ 0	21°34	0°23	17° 9	18°57	1°23	n.a.	T 9
W10	10 29 1	9°11'57	19°54	19°25	23°22	12°48	22° 5	8°57	0° 3	21°36	0°24	17° 4	18°53	1°30	n.a.	W10
T 11	10 32 57	10°10'26	1♈43	21° 6	24°35	13°23	21°58	8°59	0° 6	21°39	0°26	17° 1	18°50	1°37	n.a.	T 11
F 12	10 36 54	11° 8'52	13°30	22°48	25°49	13°58	21°51	9° 1	0° 9	21°41	0°27	17°D 0	18°47	1°43	n.a.	F 12
S 13	10 40 50	12° 7'16	25°17	24°32	27° 3	14°32	21°44	9° 3	0°11	21°43	0°28	17° 0	18°44	1°50	n.a.	S 13
S 14	10 44 47	13° 5'38	7♉ 8	26°18	28°17	15° 7	21°37	9° 4	0°14	21°45	0°29	17° 1	18°41	1°57	n.a.	S 14
M15	10 48 43	14° 3'58	19° 7	28° 5	29°30	15°42	21°31	9° 6	0°17	21°47	0°31	17° 3	18°38	2° 3	n.a.	M15
T 16	10 52 40	15° 2'16	1♊19	29°54	0♓44	16°16	21°24	9° 7	0°19	21°49	0°32	17° 5	18°34	2°10	n.a.	T 16
W17	10 56 36	16° 0'32	13°48	1♓45	1°58	16°51	21°18	9° 8	0°22	21°51	0°33	17°R 5	18°31	2°16	n.a.	W17
T 18	11 0 33	16°58'45	26°39	3°37	3°11	17°26	21°11	9° 9	0°25	21°54	0°35	17° 5	18°28	2°23	n.a.	T 18
F 19	11 4 30	17°56'56	9♋55	5°31	4°25	18° 1	21° 5	9°11	0°27	21°56	0°36	17° 3	18°25	2°30	n.a.	F 19
S 20	11 8 26	18°55'05	23°40	7°27	5°39	18°36	20°59	9°12	0°30	21°58	0°37	17° 0	18°22	2°36	n.a.	S 20
S 21	11 12 23	19°53'12	7♌52	9°24	6°52	19°11	20°53	9°12	0°32	22° 0	0°39	16°57	18°18	2°43	n.a.	S 21
M22	11 16 19	20°51'17	22°30	11°23	8° 6	19°46	20°47	9°13	0°35	22° 2	0°40	16°53	18°15	2°50	n.a.	M22
T 23	11 20 16	21°49'20	7♍28	13°24	9°19	20°21	20°41	9°14	0°37	22° 4	0°41	16°50	18°12	2°56	n.a.	T 23
W24	11 24 12	22°47'21	22°38	15°26	10°33	20°56	20°36	9°14	0°40	22° 6	0°43	16°48	18° 9	3° 3	n.a.	W24
T 25	11 28 9	23°45'20	7♎50	17°29	11°47	21°31	20°30	9°15	0°42	22° 8	0°44	16°46	18° 6	3°10	n.a.	T 25
F 26	11 32 5	24°43'17	22°55	19°34	13° 0	22° 6	20°25	9°15	0°44	22°10	0°46	16°D46	18° 3	3°16	n.a.	F 26
S 27	11 36 2	25°41'13	7♏45	21°40	14°14	22°42	20°19	9°16	0°47	22°12	0°47	16°47	17°59	3°23	n.a.	S 27
S 28	11 39 58	26°39'07	22°13	23°48	15°28	23°17	20°14	9°16	0°49	22°14	0°48	16°48	17°56	3°30	n.a.	S 28
M29	11 43 55	27°37'00	6♐17	25°56	16°41	23°52	20° 9	9°16	0°51	22°16	0°50	16°49	17°53	3°36	n.a.	M29
T 30	11 47 52	28°34'52	19°55	28° 5	17°55	24°27	20° 5	9°R16	0°53	22°18	0°51	16°50	17°50	3°43	n.a.	T 30
W31	11 51 48	29♓32'42	3♑10	0♈15	19♓ 9	25♉ 3	20♌ 0	9♐16	0♒56	22♒20	0♈52	16°R51	17♈47	3♈50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s31	22s52	3s14	21s12	2s 4	18s37	1s17	15n30	1n17	15n39	1n45	21s 5	1n 1	21s12	0s39	15s55	1s21	14s20	15s48	7n 7	7n42	1s19			n.a.
T 2	11 9	26 22	4 5	20 54	2 8	18 17	1 18	15 41	1 17	15 42	1 45	21 6	1 1	21 11	0 39	15 55	1 21	14 20	15 48	7 6	7 41	1 16			n.a.
W 3	10 48	28 21	4 41	20 34	2 11	17 56	1 19	15 53	1 17	15 44	1 45	21 6	1 1	21 11	0 39	15 54	1 21	14 19	15 48	7 6	7 40	1 12			n.a.
T 4	10 27	28 43	5 3	20 12	2 14	17 35	1 20	16 4	1 17	15 47	1 45	21 7	1 1	21 10	0 39	15 53	1 21	14 18	15 48	7 4	7 38	1 9			n.a.
F 5	10 5	27 32	5 9	19 49	2 16	17 13	1 21	16 15	1 18	15 49	1 45	21 7	1 1	21 10	0 39	15 52	1 21	14 18	15 47	7 2	7 37	1 6			n.a.
S 6	9 43	25 0	5 0	19 24	2 18	16 51	1 22	16 27	1 18	15 52	1 45	21 7	1 1	21 9	0 39	15 52	1 22	14 17	15 47	6 59	7 36	1 2			n.a.
S 7	9 21	21 21	4 37	18 57	2 19	16 28	1 23	16 38	1 18	15 54	1 45	21 8	1 1	21 8	0 39	15 51	1 22	14 16	15 47	6 56	7 35	0 59			n.a.
M 8	8 59	16 50	4 2	18 29	2 20	16 5	1 24	16 49	1 18	15 57	1 45	21 8	1 1	21 8	0 39	15 50	1 22	14 16	15 47	6 53	7 33	0 55			n.a.
T 9	8 37	11 44	3 16	17 59	2 20	15 41	1 25	17 0	1 18	15 59	1 45	21 8	1 1	21 7	0 39	15 50	1 22	14 15	15 47	6 51	7 32	0 52			n.a.
W10	8 15	6 14	2 22	17 27	2 20	15 17	1 25	17 11	1 18	16 1	1 45	21 8	1 1	21 7	0 39	15 49	1 22	14 14	15 47	6 49	7 31	0 48			n.a.
T 11	7 53	0 34	1 22	16 54	2 20	14 53	1 26	17 21	1 19	16 3	1 45	21 9	1 2	21 6	0 39	15 48	1 22	14 14	15 47	6 47	7 30	0 45			n.a.
F 12	7 30	5n 7	0 19	16 19	2 18	14 28	1 26	17 32	1 19	16 6	1 45	21 9	1 2	21 5	0 39	15 48	1 22	14 13	15 46	6 47	7 29	0 41			n.a.
S 13	7 7	10 38	0n45	15 42	2 16	14 3	1 27	17 43	1 19	16 8	1 44	21 9	1 2	21 5	0 39	15 47	1 22	14 13	15 46	6 47	7 27	0 38			n.a.
S 14	6 45	15 49	1 48	15 3	2 14	13 37	1 27	17 53	1 19	16 10	1 44	21 9	1 2	21 4	0 39	15 46	1 22	14 12	15 46	6 48	7 26	0 34			n.a.
M15	6 22	20 27	2 47	14 23	2 11	13 11	1 27	18 4	1 19	16 12	1 44	21 10	1 2	21 4	0 39	15 46	1 22	14 11	15 46	6 48	7 25	0 31			n.a.
T 16	5 59	24 20	3 39	13 41	2 8	12 45	1 27	18 14	1 19	16 14	1 44	21 10	1 2	21 3	0 39	15 45	1 22	14 11	15 46	6 49	7 24	0 28			n.a.
W17	5 36	27 10	4 23	12 57	2 4	12 19	1 28	18 25	1 19	16 16	1 44	21 10	1 2	21 3	0 40	15 44	1 22	14 10	15 46	6 49	7 22	0 24			n.a.
T 18	5 13	28 41	4 54	12 11	1 59	11 52	1 28	18 35	1 19	16 18	1 44	21 10	1 2	21 2	0 40	15 44	1 22	14 9	15 46	6 49	7 21	0 21			n.a.
F 19	4 50	28 37	5 11	11 24	1 54	11 24	1 28	18 45	1 20	16 20	1 44	21 10	1 2	21 1	0 40	15 43	1 22	14 9	15 46	6 48	7 20	0 17			n.a.
S 20	4 27	26 50	5 12	10 35	1 49	10 57	1 28	18 55	1 20	16 22	1 44	21 10	1 2	21 1	0 40	15 42	1 22	14 8	15 46	6 47	7 19	0 14			n.a.
S 21	4 4	23 19	4 53	9 45	1 43	10 29	1 28	19 5	1 20	16 24	1 44	21 10	1 2	21 0	0 40	15 42	1 22	14 8	15 45	6 46	7 17	0 10			n.a.
M22	3 41	18 15	4 15	8 53	1 36	10 1	1 27	19 15	1 20	16 26	1 43	21 11	1 2	21 0	0 40	15 41	1 22	14 7	15 45	6 44	7 16	0 7			n.a.
T 23	3 18	11 59	3 20	7 59	1 29	9 33	1 27	19 24	1 20	16 27	1 43	21 11	1 2	20 59	0 40	15 40	1 22	14 6	15 45	6 43	7 15	0 3			n.a.
W24	2 54	4 56	2 9	7 5	1 21	9 4	1 27	19 34	1 20	16 29	1 43	21 11	1 2	20 59	0 40	15 40	1 22	14 6	15 45	6 42	7 14	0n 0			n.a.
T 25	2 31	2s25	0 49	6 8	1 13	8 35	1 27	19 43	1 20	16 31	1 43	21 11	1 2	20 58	0 40	15 39	1 22	14 5	15 45	6 42	7 13	0 4			n.a.
F 26	2 8	9 35	0s34	5 11	1 4	8 6	1 26	19 53	1 20	16 32	1 43	21 11	1 2	20 58	0 40	15 38	1 22	14 5	15 45	6 42	7 11	0 7			n.a.
S 27	1 44	16 6	1 53	4 12	0 55	7 37	1 26	20 2	1 20	16 34	1 43	21 11	1 2	20 57	0 40	15 38	1 22	14 4	15 45	6 42	7 10	0 11			n.a.
S 28	1 21	21 34	3 3	3 12	0 46	7 8	1 25	20 11	1 20	16 35	1 42	21 11	1 2	20 57	0 40	15 37	1 22	14 3	15 45	6 42	7 9	0 14			n.a.
M29	0 58	25 39	4 0	2 12	0 36	6 38	1 25	20 20	1 20	16 37	1 42	21 11	1 2	20 56	0 40	15 36	1 22	14 3	15 45	6 43	7 8	0 17			n.a.
T 30	0 34	28 7	4 42	1 10	0 26	6 8	1 24	20 29	1 20	16 38	1 42	21 11	1 2	20 56	0 40	15 36	1 22	14 2	15 45	6 43	7 6	0 21			n.a.
W31	0s11	28s54	5s 7	0s 9	0s16	5s38	1s23	20n38	1n21	16n40	1n42	21s11	1n 2	20s56	0s40	15s35	1s22	14s 2	15s45	6n43	7n 5	0n24			n.a.

Julian Day Number = 1318246.5, Delta T = 07h35m18s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'47, Lahiri = -19°11'46 Julian Calendar 1 March 1104 BCE == Greg. Calendar 18 Feb. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

APRIL 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 45	0♈30'31	16♉ 3	2♈25	20♓22	25♉38	19°R56	9°R16	0♒58	22♒21	0♈54	16°R50	17♈44	3♈56	n.a.	T 1
F 2	11 59 41	1°28'19	28°37	4°35	21°36	26°13	19♌51	9♐15	1° 0	22°23	0°55	16♈49	17°40	4° 3	n.a.	F 2
S 3	12 3 38	2°26'05	10♒57	6°45	22°49	26°49	19°47	9°15	1° 2	22°25	0°56	16°47	17°37	4°10	n.a.	S 3
S 4	12 7 34	3°23'50	23° 4	8°55	24° 3	27°24	19°43	9°14	1° 4	22°27	0°58	16°45	17°34	4°16	n.a.	S 4
M 5	12 11 31	4°21'33	5♓ 3	11° 3	25°17	28° 0	19°39	9°14	1° 6	22°29	0°59	16°43	17°31	4°23	n.a.	M 5
T 6	12 15 27	5°19'15	16°55	13°11	26°30	28°35	19°36	9°13	1° 8	22°31	1° 1	16°41	17°28	4°29	n.a.	T 6
W 7	12 19 24	6°16'56	28°43	15°18	27°44	29°11	19°32	9°12	1°10	22°32	1° 2	16°40	17°24	4°36	n.a.	W 7
T 8	12 23 21	7°14'35	10♈30	17°23	28°58	29°47	19°29	9°12	1°11	22°34	1° 3	16°40	17°21	4°43	n.a.	T 8
F 9	12 27 17	8°12'12	22°18	19°26	0♈11	0♊22	19°26	9°11	1°13	22°36	1° 5	16°D40	17°18	4°49	n.a.	F 9
S 10	12 31 14	9° 9'49	4♉ 9	21°28	1°25	0°58	19°23	9°10	1°15	22°37	1° 6	16°40	17°15	4°56	n.a.	S 10
S 11	12 35 10	10° 7'24	16° 6	23°27	2°38	1°34	19°20	9° 8	1°17	22°39	1° 7	16°41	17°12	5° 3	n.a.	S 11
M12	12 39 7	11° 4'57	28°12	25°23	3°52	2° 9	19°17	9° 7	1°18	22°41	1° 9	16°41	17° 9	5° 9	n.a.	M12
T 13	12 43 3	12° 2'29	10♊29	27°17	5° 6	2°45	19°15	9° 6	1°20	22°42	1°10	16°42	17° 5	5°16	n.a.	T 13
W14	12 47 0	12°59'59	23° 1	29° 9	6°19	3°21	19°13	9° 4	1°22	22°44	1°11	16°42	17° 2	5°23	n.a.	W14
T 15	12 50 56	13°57'28	5♋51	0♉58	7°33	3°57	19°10	9° 3	1°23	22°46	1°13	16°42	16°59	5°29	n.a.	T 15
F 16	12 54 53	14°54'56	19° 4	2°43	8°46	4°33	19° 9	9° 1	1°25	22°47	1°14	16°R42	16°56	5°36	n.a.	F 16
S 17	12 58 50	15°52'21	2♌40	4°26	10° 0	5° 9	19° 7	9° 0	1°26	22°49	1°15	16°42	16°53	5°43	n.a.	S 17
S 18	13 2 46	16°49'46	16°41	6° 6	11°14	5°45	19° 5	8°58	1°28	22°50	1°17	16°D42	16°50	5°49	n.a.	S 18
M19	13 6 43	17°47'09	1♍ 7	7°43	12°27	6°20	19° 4	8°56	1°29	22°52	1°18	16°42	16°46	5°56	n.a.	M19
T 20	13 10 39	18°44'30	15°54	9°17	13°41	6°56	19° 3	8°54	1°30	22°53	1°19	16°43	16°43	6° 3	n.a.	T 20
W21	13 14 36	19°41'50	0♎56	10°48	14°54	7°32	19° 2	8°52	1°31	22°55	1°21	16°43	16°40	6° 9	n.a.	W21
T 22	13 18 32	20°39'09	16° 6	12°16	16° 8	8° 8	19° 1	8°50	1°33	22°56	1°22	16°R43	16°37	6°16	n.a.	T 22
F 23	13 22 29	21°36'27	1♏14	13°40	17°22	8°44	19° 0	8°48	1°34	22°57	1°23	16°43	16°34	6°23	n.a.	F 23
S 24	13 26 25	22°33'44	16°11	15° 2	18°35	9°21	19° 0	8°45	1°35	22°59	1°25	16°42	16°30	6°29	n.a.	S 24
S 25	13 30 22	23°31'01	0♐50	16°20	19°49	9°57	18°59	8°43	1°36	23° 0	1°26	16°42	16°27	6°36	n.a.	S 25
M26	13 34 19	24°28'16	15° 4	17°34	21° 2	10°33	18°D59	8°41	1°37	23° 1	1°27	16°41	16°24	6°42	n.a.	M26
T 27	13 38 15	25°25'31	28°52	18°46	22°16	11° 9	18°59	8°38	1°38	23° 3	1°28	16°40	16°21	6°49	n.a.	T 27
W28	13 42 12	26°22'46	12♑13	19°54	23°30	11°45	19° 0	8°35	1°39	23° 4	1°30	16°39	16°18	6°56	n.a.	W28
T 29	13 46 8	27°20'00	25° 9	20°59	24°43	12°21	19° 0	8°33	1°40	23° 5	1°31	16°D39	16°15	7° 2	n.a.	T 29
F 30	13 50 5	28♈17'13	7♒43	22♉ 0	25♈57	12♊58	19♌ 1	8♐30	1♒41	23♒ 6	1♈32	16♈39	16♈11	7♈ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n12	28s 4	5s16	0n54	0s 5	5s 8	1s22	20n47	1n21	16n41	1n42	21s11	1n 2	20s55	0s40	15s35	1s22	14s 1	15s45	6n43	7n 4	0n28		n.a.
F 2	0 36	25 49	5 9	1 56	0n 5	4 38	1 22	20 56	1 21	16 42	1 42	21 11	1 2	20 55	0 40	15 34	1 22	14 0	15 45	6 43	7 3	0 31		n.a.
S 3	0 59	22 23	4 49	2 58	0 16	4 7	1 21	21 4	1 21	16 43	1 41	21 11	1 2	20 54	0 40	15 34	1 22	14 0	15 45	6 42	7 1	0 35		n.a.
S 4	1 22	18 3	4 15	4 0	0 27	3 37	1 20	21 13	1 21	16 44	1 41	21 10	1 2	20 54	0 40	15 33	1 22	13 59	15 45	6 41	7 0	0 38		n.a.
M 5	1 46	13 4	3 31	5 1	0 37	3 6	1 19	21 21	1 21	16 45	1 41	21 10	1 2	20 53	0 40	15 32	1 22	13 59	15 45	6 40	6 59	0 42		n.a.
T 6	2 9	7 40	2 38	6 1	0 48	2 36	1 18	21 29	1 21	16 46	1 41	21 10	1 2	20 53	0 40	15 32	1 22	13 58	15 45	6 40	6 58	0 45		n.a.
W 7	2 32	2 1	1 38	7 0	0 58	2 5	1 16	21 37	1 21	16 47	1 41	21 10	1 2	20 53	0 40	15 31	1 22	13 58	15 45	6 39	6 57	0 49		n.a.
T 8	2 55	3n42	0 34	7 58	1 8	1 34	1 15	21 45	1 21	16 48	1 40	21 10	1 2	20 52	0 40	15 31	1 23	13 57	15 45	6 39	6 55	0 52		n.a.
F 9	3 18	9 18	0n31	8 55	1 17	1 3	1 14	21 53	1 21	16 49	1 40	21 10	1 2	20 52	0 40	15 30	1 23	13 57	15 45	6 39	6 54	0 56		n.a.
S 10	3 41	14 36	1 36	9 50	1 26	0 32	1 13	22 0	1 21	16 50	1 40	21 10	1 2	20 52	0 40	15 30	1 23	13 56	15 45	6 39	6 53	0 59		n.a.
S 11	4 4	19 25	2 36	10 43	1 35	0 1	1 11	22 8	1 21	16 50	1 40	21 9	1 2	20 51	0 40	15 29	1 23	13 56	15 45	6 39	6 52	1 3		n.a.
M12	4 27	23 30	3 31	11 34	1 43	0n30	1 10	22 15	1 21	16 51	1 39	21 9	1 2	20 51	0 40	15 29	1 23	13 55	15 45	6 40	6 50	1 6		n.a.
T 13	4 50	26 37	4 17	12 23	1 50	1 1	1 9	22 22	1 21	16 52	1 39	21 9	1 2	20 51	0 40	15 28	1 23	13 55	15 45	6 40	6 49	1 9		n.a.
W14	5 13	28 29	4 51	13 10	1 57	1 32	1 7	22 29	1 21	16 52	1 39	21 9	1 2	20 50	0 40	15 28	1 23	13 54	15 45	6 40	6 48	1 13		n.a.
T 15	5 36	28 54	5 12	13 55	2 3	2 3	1 5	22 36	1 21	16 52	1 39	21 8	1 2	20 50	0 40	15 27	1 23	13 54	15 45	6 40	6 47	1 16		n.a.
F 16	5 58	27 41	5 17	14 37	2 8	2 33	1 4	22 43	1 21	16 53	1 38	21 8	1 2	20 50	0 40	15 27	1 23	13 53	15 45	6 40	6 45	1 20		n.a.
S 17	6 21	24 50	5 6	15 18	2 13	3 4	1 2	22 50	1 21	16 53	1 38	21 8	1 2	20 49	0 40	15 26	1 23	13 53	15 45	6 40	6 44	1 23		n.a.
S 18	6 43	20 27	4 35	15 55	2 17	3 35	1 1	22 56	1 21	16 53	1 38	21 8	1 2	20 49	0 41	15 26	1 23	13 52	15 45	6 40	6 43	1 27		n.a.
M19	7 5	14 47	3 47	16 31	2 20	4 6	0 59	23 3	1 21	16 54	1 38	21 7	1 2	20 49	0 41	15 25	1 23	13 52	15 45	6 40	6 42	1 30		n.a.
T 20	7 28	8 9	2 43	17 4	2 23	4 37	0 57	23 9	1 21	16 54	1 38	21 7	1 2	20 48	0 41	15 25	1 23	13 51	15 45	6 40	6 40	1 34		n.a.
W21	7 50	0 56	1 27	17 35	2 25	5 7	0 55	23 15	1 21	16 54	1 37	21 7	1 2	20 48	0 41	15 24	1 23	13 51	15 45	6 40	6 39	1 37		n.a.
T 22	8 12	6s23	0 3	18 4	2 26	5 38	0 53	23 21	1 21	16 54	1 37	21 6	1 2	20 48	0 41	15 24	1 23	13 50	15 46	6 40	6 38	1 41		n.a.
F 23	8 33	13 20	1s20	18 31	2 26	6 8	0 52	23 27	1 21	16 54	1 37	21 6	1 2	20 48	0 41	15 24	1 23	13 50	15 46	6 40	6 37	1 44		n.a.
S 24	8 55	19 27	2 37	18 55	2 25	6 38	0 50	23 33	1 21	16 54	1 37	21 6	1 2	20 48	0 41	15 23	1 23	13 49	15 46	6 40	6 36	1 48		n.a.
S 25	9 17	24 16	3 41	19 17	2 24	7 8	0 48	23 38	1 21	16 54	1 36	21 5	1 2	20 47	0 41	15 23	1 23	13 49	15 46	6 40	6 34	1 51		n.a.
M26	9 38	27 27	4 30	19 36	2 21	7 38	0 46	23 43	1 21	16 53	1 36	21 5	1 2	20 47	0 41	15 22	1 23	13 49	15 46	6 40	6 33	1 55		n.a.
T 27	9 59	28 52	5 2	19 54	2 18	8 8	0 44	23 49	1 21	16 53	1 36	21 5	1 2	20 47	0 41	15 22	1 23	13 48	15 46	6 39	6 32	1 58		n.a.
W28	10 20	28 30	5 16	20 9	2 14	8 38	0 42	23 54	1 21	16 53	1 36	21 4	1 2	20 47	0 41	15 22	1 23	13 48	15 46	6 39	6 31	2 1		n.a.
T 29	10 41	26 35	5 14	20 23	2 10	9 7	0 40	23 59	1 21	16 53	1 35	21 4	1 2	20 47	0 41	15 21	1 23	13 47	15 46	6 39	6 29	2 5		n.a.
F 30	11n 2	23s24	4s56	20n34	2n 4	9n36	0s37	24n 3	1n21	16n52	1n35	21s 3	1n 2	20s46	0s41	15s21	1s24	13s47	15s46	6n39	6n28	2n 8		n.a.

Julian Day Number = 1318277.5, Delta T = 07h35m16s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'42, Lahiri = -19°11'42 Julian Calendar 1 Apr. 1104 BCE == Greg. Calendar 21 March 1104 BCE

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

MAY 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 1	29♈14'26	19♒59	22♉57	27♈10	13♊34	19♌ 1	8°R27	1♒42	23♒ 8	1♈33	16♈40	16♈ 8	7♈16	n.a.	S 1
S 2	13 57 58	0♉11'38	2♓ 2	23°51	28°24	14°10	19° 2	8♐24	1°42	23° 9	1°35	16°41	16° 5	7°22	n.a.	S 2
M 3	14 1 54	1° 8'50	13°56	24°41	29°38	14°47	19° 3	8°21	1°43	23°10	1°36	16°42	16° 2	7°29	n.a.	M 3
T 4	14 5 51	2° 6'01	25°44	25°27	0♉51	15°23	19° 5	8°18	1°44	23°11	1°37	16°43	15°59	7°36	n.a.	T 4
W 5	14 9 48	3° 3'12	7♈30	26°10	2° 5	15°59	19° 6	8°15	1°44	23°12	1°38	16°44	15°55	7°42	n.a.	W 5
T 6	14 13 44	4° 0'22	19°19	26°48	3°19	16°36	19° 8	8°12	1°45	23°13	1°39	16°R44	15°52	7°49	n.a.	T 6
F 7	14 17 41	4°57'31	1♉11	27°22	4°32	17°12	19°10	8° 9	1°46	23°14	1°41	16°44	15°49	7°56	n.a.	F 7
S 8	14 21 37	5°54'41	13°10	27°52	5°46	17°49	19°12	8° 5	1°46	23°15	1°42	16°42	15°46	8° 2	n.a.	S 8
S 9	14 25 34	6°51'49	25°17	28°18	7° 0	18°25	19°14	8° 2	1°46	23°16	1°43	16°40	15°43	8° 9	n.a.	S 9
M10	14 29 30	7°48'58	7♊34	28°39	8°13	19° 2	19°16	7°58	1°47	23°17	1°44	16°37	15°40	8°16	n.a.	M10
T 11	14 33 27	8°46'05	20° 4	28°56	9°27	19°38	19°19	7°55	1°47	23°18	1°45	16°33	15°36	8°22	n.a.	T 11
W12	14 37 24	9°43'13	2♋46	29° 8	10°41	20°15	19°22	7°51	1°47	23°19	1°46	16°30	15°33	8°29	n.a.	W12
T 13	14 41 20	10°40'19	15°44	29°16	11°54	20°51	19°25	7°48	1°48	23°19	1°47	16°28	15°30	8°35	n.a.	T 13
F 14	14 45 17	11°37'25	28°59	29°R19	13° 8	21°28	19°28	7°44	1°48	23°20	1°49	16°26	15°27	8°42	n.a.	F 14
S 15	14 49 13	12°34'30	12♌32	29°17	14°22	22° 5	19°31	7°40	1°48	23°21	1°50	16°D25	15°24	8°49	n.a.	S 15
S 16	14 53 10	13°31'35	26°24	29°12	15°35	22°41	19°34	7°36	1°48	23°22	1°51	16°26	15°21	8°55	n.a.	S 16
M17	14 57 6	14°28'39	10♍35	29° 1	16°49	23°18	19°38	7°33	1°R48	23°22	1°52	16°27	15°17	9° 2	n.a.	M17
T 18	15 1 3	15°25'43	25° 5	28°47	18° 3	23°55	19°41	7°29	1°48	23°23	1°53	16°28	15°14	9° 9	n.a.	T 18
W19	15 4 59	16°22'46	9♎49	28°28	19°16	24°32	19°45	7°25	1°48	23°24	1°54	16°R29	15°11	9°15	n.a.	W19
T 20	15 8 56	17°19'49	24°42	28° 6	20°30	25° 9	19°49	7°21	1°48	23°24	1°55	16°29	15° 8	9°22	n.a.	T 20
F 21	15 12 53	18°16'52	9♏37	27°40	21°44	25°45	19°54	7°17	1°48	23°25	1°56	16°28	15° 5	9°29	n.a.	F 21
S 22	15 16 49	19°13'54	24°28	27°11	22°57	26°22	19°58	7°13	1°48	23°25	1°57	16°25	15° 1	9°35	n.a.	S 22
S 23	15 20 46	20°10'57	9♐ 4	26°39	24°11	26°59	20° 2	7° 9	1°47	23°26	1°58	16°20	14°58	9°42	n.a.	S 23
M24	15 24 42	21° 8'00	23°21	26° 6	25°25	27°36	20° 7	7° 5	1°47	23°26	1°59	16°15	14°55	9°49	n.a.	M24
T 25	15 28 39	22° 5'03	7♑13	25°30	26°38	28°13	20°12	7° 0	1°47	23°27	2° 0	16°10	14°52	9°55	n.a.	T 25
W26	15 32 35	23° 2'06	20°38	24°54	27°52	28°50	20°17	6°56	1°46	23°27	2° 1	16° 6	14°49	10° 2	n.a.	W26
T 27	15 36 32	23°59'10	3♒38	24°17	29° 6	29°27	20°22	6°52	1°46	23°27	2° 2	16° 2	14°46	10° 9	n.a.	T 27
F 28	15 40 29	24°56'14	16°15	23°41	0♊20	0♋ 4	20°27	6°48	1°45	23°28	2° 2	16° 0	14°42	10°15	n.a.	F 28
S 29	15 44 25	25°53'18	28°31	23° 5	1°33	0°41	20°33	6°43	1°45	23°28	2° 3	16°D 0	14°39	10°22	n.a.	S 29
S 30	15 48 22	26°50'23	10♓33	22°31	2°47	1°18	20°38	6°39	1°44	23°28	2° 4	16° 1	14°36	10°28	n.a.	S 30
M31	15 52 18	27♉47'28	22♓26	21♉59	4♊ 1	1♋55	20♌44	6♐35	1♒44	23♒29	2♈ 5	16♈ 2	14♈33	10♈35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n23	19s14	4s25	20n43	1n58	10n 5	0s35	24n 8	1n21	16n52	1n35	21s 3	1n 2	20s46	0s41	15s21	1s24	13s47	15s46	6n39	6n27	2n12		n.a.
S 2	11 43	14 23	3 43	20 50	1 51	10 34	0 33	24 12	1 21	16 51	1 34	21 2	1 2	20 46	0 41	15 20	1 24	13 46	15 47	6 40	6 26	2 15		n.a.
M 3	12 4	9 4	2 52	20 55	1 43	11 2	0 31	24 17	1 20	16 50	1 34	21 2	1 2	20 46	0 41	15 20	1 24	13 46	15 47	6 40	6 24	2 19		n.a.
T 4	12 24	3 28	1 54	20 58	1 35	11 31	0 29	24 21	1 20	16 50	1 34	21 1	1 2	20 46	0 41	15 20	1 24	13 45	15 47	6 41	6 23	2 22		n.a.
W 5	12 44	2n15	0 51	20 59	1 25	11 59	0 26	24 25	1 20	16 49	1 34	21 1	1 2	20 46	0 41	15 19	1 24	13 45	15 47	6 41	6 22	2 26		n.a.
T 6	13 4	7 54	0n14	20 58	1 15	12 26	0 24	24 28	1 20	16 48	1 33	21 1	1 2	20 46	0 41	15 19	1 24	13 45	15 47	6 41	6 21	2 29		n.a.
F 7	13 23	13 18	1 19	20 56	1 4	12 54	0 22	24 32	1 20	16 47	1 33	21 0	1 2	20 46	0 41	15 19	1 24	13 44	15 47	6 41	6 19	2 33		n.a.
S 8	13 42	18 17	2 21	20 51	0 52	13 21	0 20	24 35	1 20	16 47	1 33	20 59	1 2	20 46	0 41	15 18	1 24	13 44	15 47	6 40	6 18	2 36		n.a.
S 9	14 2	22 35	3 17	20 45	0 40	13 48	0 17	24 39	1 20	16 46	1 33	20 59	1 2	20 46	0 41	15 18	1 24	13 44	15 48	6 39	6 17	2 40		n.a.
M10	14 21	25 57	4 5	20 37	0 27	14 14	0 15	24 42	1 20	16 45	1 32	20 58	1 2	20 45	0 41	15 18	1 24	13 43	15 48	6 38	6 16	2 43		n.a.
T 11	14 39	28 8	4 42	20 27	0 13	14 40	0 13	24 45	1 20	16 44	1 32	20 58	1 2	20 45	0 41	15 18	1 24	13 43	15 48	6 37	6 14	2 47		n.a.
W12	14 58	28 53	5 5	20 16	0s 1	15 6	0 10	24 47	1 20	16 42	1 32	20 57	1 2	20 45	0 41	15 17	1 24	13 43	15 48	6 35	6 13	2 50		n.a.
T 13	15 16	28 5	5 14	20 3	0 16	15 32	0 8	24 50	1 20	16 41	1 32	20 57	1 2	20 45	0 41	15 17	1 24	13 43	15 48	6 34	6 12	2 53		n.a.
F 14	15 34	25 42	5 7	19 49	0 32	15 57	0 6	24 52	1 20	16 40	1 31	20 56	1 2	20 45	0 42	15 17	1 24	13 42	15 49	6 34	6 11	2 57		n.a.
S 15	15 52	21 50	4 42	19 33	0 47	16 21	0 3	24 55	1 20	16 39	1 31	20 56	1 2	20 45	0 42	15 17	1 24	13 42	15 49	6 34	6 9	3 0		n.a.
S 16	16 9	16 41	4 1	19 16	1 3	16 46	0 1	24 57	1 20	16 38	1 31	20 55	1 2	20 45	0 42	15 17	1 24	13 42	15 49	6 34	6 8	3 4		n.a.
M17	16 27	10 33	3 4	18 58	1 20	17 9	0n 1	24 59	1 19	16 36	1 31	20 54	1 2	20 45	0 42	15 16	1 24	13 42	15 49	6 34	6 7	3 7		n.a.
T 18	16 44	3 44	1 55	18 39	1 36	17 33	0 4	25 0	1 19	16 35	1 30	20 54	1 2	20 45	0 42	15 16	1 25	13 41	15 49	6 35	6 6	3 11		n.a.
W19	17 0	3s23	0 37	18 19	1 52	17 56	0 6	25 2	1 19	16 33	1 30	20 53	1 2	20 46	0 42	15 16	1 25	13 41	15 49	6 35	6 4	3 14		n.a.
T 20	17 17	10 25	0s45	17 58	2 8	18 18	0 9	25 3	1 19	16 32	1 30	20 53	1 2	20 46	0 42	15 16	1 25	13 41	15 50	6 35	6 3	3 18		n.a.
F 21	17 33	16 53	2 3	17 37	2 24	18 40	0 11	25 5	1 19	16 30	1 30	20 52	1 2	20 46	0 42	15 16	1 25	13 41	15 50	6 34	6 2	3 21		n.a.
S 22	17 49	22 18	3 13	17 16	2 40	19 2	0 13	25 6	1 19	16 28	1 29	20 51	1 2	20 46	0 42	15 16	1 25	13 40	15 50	6 33	6 1	3 25		n.a.
S 23	18 5	26 15	4 8	16 54	2 55	19 23	0 16	25 6	1 19	16 27	1 29	20 51	1 2	20 46	0 42	15 16	1 25	13 40	15 50	6 32	5 59	3 28		n.a.
M24	18 20	28 26	4 47	16 32	3 9	19 43	0 18	25 7	1 19	16 25	1 29	20 50	1 2	20 46	0 42	15 15	1 25	13 40	15 51	6 30	5 58	3 32		n.a.
T 25	18 35	28 45	5 8	16 11	3 22	20 3	0 20	25 8	1 19	16 23	1 29	20 49	1 1	20 46	0 42	15 15	1 25	13 40	15 51	6 28	5 57	3 35		n.a.
W26	18 50	27 20	5 10	15 51	3 34	20 22	0 23	25 8	1 18	16 21	1 28	20 49	1 1	20 46	0 42	15 15	1 25	13 40	15 51	6 26	5 56	3 38		n.a.
T 27	19 4	24 28	4 57	15 31	3 45	20 41	0 25	25 8	1 18	16 20	1 28	20 48	1 1	20 46	0 42	15 15	1 25	13 40	15 51	6 25	5 54	3 42		n.a.
F 28	19 19	20 30	4 29	15 13	3 55	21 0	0 27	25 8	1 18	16 18	1 28	20 47	1 1	20 46	0 42	15 15	1 25	13 39	15 51	6 24	5 53	3 45		n.a.
S 29	19 32	15 46	3 50	14 56	4 3	21 17	0 29	25 8	1 18	16 16	1 28	20 47	1 1	20 47	0 42	15 15	1 25	13 39	15 52	6 24	5 52	3 49		n.a.
S 30	19 46	10 31	3 1	14 40	4 10	21 34	0 32	25 7	1 18	16 14	1 28	20 46	1 1	20 47	0 42	15 15	1 25	13 39	15 52	6 24	5 51	3 52		n.a.
M31	19n59	4s58	2s 5	14n27	4s15	21n51	0n34	25n 7	1n18	16n11	1n27	20s45	1n 1	20s47	0s42	15s15	1s25	13s39	15s52	6n25	5n49	3n56		n.a.

Julian Day Number = 1318307.5, Delta T = 07h35m14s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'38, Lahiri = -19°11'38 Julian Calendar 1 May 1104 BCE == Greg. Calendar 20 Apr. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

JUNE 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 15	28♉44'34	4♈13	21°R30	5♊15	2♋32	20♌50	6°R30	1°R43	23♒29	2♈ 6	16♈ 4	14♈30	10♈42	n.a.	T 1
W 2	16 0 11	29°41'41	16° 1	21♉ 3	6°28	3° 9	20°56	6♐26	1♒42	23°29	2° 7	16°R 4	14°27	10°48	n.a.	W 2
T 3	16 4 8	0♊38'48	27°52	20°41	7°42	3°47	21° 2	6°22	1°42	23°29	2° 7	16° 4	14°23	10°55	n.a.	T 3
F 4	16 8 4	1°35'55	9♉51	20°22	8°56	4°24	21° 8	6°17	1°41	23°29	2° 8	16° 1	14°20	11° 2	n.a.	F 4
S 5	16 12 1	2°33'03	22° 1	20° 8	10°10	5° 1	21°15	6°13	1°40	23°29	2° 9	15°56	14°17	11° 8	n.a.	S 5
S 6	16 15 58	3°30'12	4♊22	19°59	11°23	5°38	21°21	6° 8	1°39	23°29	2°10	15°50	14°14	11°15	n.a.	S 6
M 7	16 19 54	4°27'21	16°56	19°D54	12°37	6°16	21°28	6° 4	1°38	23°R29	2°11	15°42	14°11	11°22	n.a.	M 7
T 8	16 23 51	5°24'30	29°44	19°55	13°51	6°53	21°35	6° 0	1°37	23°29	2°11	15°33	14° 7	11°28	n.a.	T 8
W 9	16 27 47	6°21'41	12♋44	20° 2	15° 5	7°30	21°42	5°55	1°36	23°29	2°12	15°25	14° 4	11°35	n.a.	W 9
T 10	16 31 44	7°18'51	25°58	20°13	16°19	8° 8	21°49	5°51	1°35	23°29	2°13	15°17	14° 1	11°42	n.a.	T 10
F 11	16 35 40	8°16'02	9♌24	20°31	17°33	8°45	21°56	5°46	1°34	23°29	2°13	15°12	13°58	11°48	n.a.	F 11
S 12	16 39 37	9°13'13	23° 3	20°53	18°46	9°23	22° 4	5°42	1°33	23°29	2°14	15° 9	13°55	11°55	n.a.	S 12
S 13	16 43 34	10°10'25	6♍53	21°22	20° 0	10° 0	22°11	5°38	1°32	23°29	2°15	15°D 8	13°52	12° 1	n.a.	S 13
M14	16 47 30	11° 7'36	20°56	21°56	21°14	10°38	22°19	5°33	1°30	23°28	2°15	15° 8	13°48	12° 8	n.a.	M14
T 15	16 51 27	12° 4'49	5♎ 9	22°36	22°28	11°15	22°26	5°29	1°29	23°28	2°16	15° 9	13°45	12°15	n.a.	T 15
W16	16 55 23	13° 2'02	19°33	23°21	23°42	11°53	22°34	5°24	1°28	23°28	2°16	15°R 9	13°42	12°21	n.a.	W16
T 17	16 59 20	13°59'15	4♏ 4	24°12	24°56	12°31	22°42	5°20	1°26	23°28	2°17	15° 7	13°39	12°28	n.a.	T 17
F 18	17 3 16	14°56'29	18°37	25° 8	26° 9	13° 8	22°50	5°16	1°25	23°27	2°17	15° 4	13°36	12°35	n.a.	F 18
S 19	17 7 13	15°53'44	3♐ 7	26°10	27°23	13°46	22°59	5°11	1°24	23°27	2°18	14°58	13°33	12°41	n.a.	S 19
S 20	17 11 9	16°51'00	17°29	27°16	28°37	14°24	23° 7	5° 7	1°22	23°26	2°18	14°49	13°29	12°48	n.a.	S 20
M21	17 15 6	17°48'17	1♑35	28°28	29°51	15° 1	23°15	5° 3	1°21	23°26	2°19	14°40	13°26	12°55	n.a.	M21
T 22	17 19 3	18°45'34	15°21	29°45	1♋ 5	15°39	23°24	4°59	1°19	23°26	2°19	14°30	13°23	13° 1	n.a.	T 22
W23	17 22 59	19°42'53	28°44	1♊ 7	2°19	16°17	23°33	4°54	1°17	23°25	2°20	14°20	13°20	13° 8	n.a.	W23
T 24	17 26 56	20°40'13	11♒43	2°34	3°33	16°55	23°41	4°50	1°16	23°25	2°20	14°13	13°17	13°15	n.a.	T 24
F 25	17 30 52	21°37'35	24°20	4° 5	4°47	17°33	23°50	4°46	1°14	23°24	2°21	14° 7	13°13	13°21	n.a.	F 25
S 26	17 34 49	22°34'57	6♓37	5°41	6° 0	18°10	23°59	4°42	1°13	23°23	2°21	14° 4	13°10	13°28	n.a.	S 26
S 27	17 38 45	23°32'21	18°40	7°20	7°14	18°48	24° 8	4°38	1°11	23°23	2°21	14°D 3	13° 7	13°35	n.a.	S 27
M28	17 42 42	24°29'47	0♈32	9° 3	8°28	19°26	24°18	4°34	1° 9	23°22	2°22	14° 3	13° 4	13°41	n.a.	M28
T 29	17 46 39	25°27'14	12°21	10°50	9°42	20° 4	24°27	4°30	1° 7	23°21	2°22	14°R 3	13° 1	13°48	n.a.	T 29
W30	17 50 35	26♊24'42	24♈10	12♊40	10♋56	20♋42	24♌36	4♐26	1♒ 5	23♒21	2♈22	14♈ 2	12♈58	13♈54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n12	0n44	1s 4	14n16	4s19	22n 7	0n36	25n 6	1n18	16n 9	1n27	20s45	1n 1	20s47	0s42	15s15	1s25	13s39	15s52	6n25	5n48	3n59		n.a.
W 2	20 25	6 24	0 0	14 6	4 22	22 22	0 38	25 5	1 18	16 7	1 27	20 44	1 1	20 47	0 42	15 15	1 25	13 39	15 53	6 25	5 47	4 3		n.a.
T 3	20 37	11 52	1n 4	14 0	4 23	22 37	0 40	25 4	1 17	16 5	1 27	20 43	1 1	20 48	0 42	15 15	1 25	13 39	15 53	6 25	5 46	4 6		n.a.
F 4	20 49	16 59	2 5	13 55	4 22	22 51	0 43	25 2	1 17	16 3	1 26	20 43	1 1	20 48	0 42	15 15	1 25	13 39	15 53	6 24	5 44	4 10		n.a.
S 5	21 1	21 29	3 2	13 53	4 20	23 4	0 45	25 1	1 17	16 0	1 26	20 42	1 1	20 48	0 42	15 15	1 26	13 39	15 53	6 22	5 43	4 13		n.a.
S 6	21 12	25 8	3 51	13 54	4 17	23 17	0 47	24 59	1 17	15 58	1 26	20 41	1 1	20 48	0 42	15 15	1 26	13 39	15 54	6 20	5 42	4 16		n.a.
M 7	21 23	27 38	4 29	13 57	4 12	23 29	0 49	24 57	1 17	15 56	1 26	20 41	1 1	20 48	0 42	15 15	1 26	13 39	15 54	6 16	5 41	4 20		n.a.
T 8	21 33	28 45	4 55	14 3	4 7	23 40	0 51	24 55	1 17	15 53	1 26	20 40	1 0	20 49	0 42	15 15	1 26	13 39	15 54	6 13	5 39	4 23		n.a.
W 9	21 43	28 17	5 6	14 11	4 0	23 51	0 53	24 53	1 17	15 51	1 25	20 39	1 0	20 49	0 42	15 15	1 26	13 38	15 55	6 10	5 38	4 27		n.a.
T 10	21 53	26 14	5 1	14 22	3 52	24 1	0 55	24 51	1 16	15 48	1 25	20 39	1 0	20 49	0 43	15 15	1 26	13 38	15 55	6 7	5 37	4 30		n.a.
F 11	22 3	22 41	4 40	14 35	3 43	24 10	0 57	24 48	1 16	15 46	1 25	20 38	1 0	20 50	0 43	15 16	1 26	13 38	15 55	6 5	5 36	4 34		n.a.
S 12	22 12	17 52	4 2	14 51	3 33	24 19	0 58	24 45	1 16	15 43	1 25	20 37	1 0	20 50	0 43	15 16	1 26	13 38	15 55	6 4	5 34	4 37		n.a.
S 13	22 20	12 4	3 10	15 8	3 23	24 27	1 0	24 42	1 16	15 40	1 24	20 36	1 0	20 50	0 43	15 16	1 26	13 38	15 56	6 3	5 33	4 41		n.a.
M14	22 29	5 35	2 6	15 28	3 11	24 34	1 2	24 39	1 16	15 37	1 24	20 36	1 0	20 50	0 43	15 16	1 26	13 38	15 56	6 3	5 32	4 44		n.a.
T 15	22 36	1s16	0 53	15 50	3 0	24 40	1 4	24 36	1 16	15 35	1 24	20 35	1 0	20 51	0 43	15 16	1 26	13 38	15 56	6 3	5 31	4 47		n.a.
W16	22 44	8 8	0s24	16 13	2 47	24 46	1 5	24 32	1 15	15 32	1 24	20 34	1 0	20 51	0 43	15 16	1 26	13 39	15 57	6 4	5 29	4 51		n.a.
T 17	22 51	14 38	1 39	16 38	2 34	24 51	1 7	24 29	1 15	15 29	1 24	20 34	1 0	20 51	0 43	15 16	1 26	13 39	15 57	6 3	5 28	4 54		n.a.
F 18	22 58	20 21	2 49	17 5	2 21	24 55	1 9	24 25	1 15	15 26	1 23	20 33	1 0	20 52	0 43	15 16	1 26	13 39	15 57	6 2	5 27	4 58		n.a.
S 19	23 4	24 50	3 47	17 32	2 8	24 58	1 10	24 21	1 15	15 23	1 23	20 32	0 59	20 52	0 43	15 17	1 26	13 39	15 57	5 59	5 26	5 1		n.a.
S 20	23 10	27 43	4 30	18 1	1 54	25 1	1 12	24 16	1 15	15 20	1 23	20 32	0 59	20 52	0 43	15 17	1 26	13 39	15 58	5 56	5 24	5 5		n.a.
M21	23 16	28 45	4 56	18 31	1 40	25 3	1 13	24 12	1 14	15 17	1 23	20 31	0 59	20 53	0 43	15 17	1 26	13 39	15 58	5 52	5 23	5 8		n.a.
T 22	23 21	27 57	5 4	19 1	1 26	25 4	1 14	24 7	1 14	15 14	1 23	20 30	0 59	20 53	0 43	15 17	1 26	13 39	15 58	5 48	5 22	5 12		n.a.
W23	23 25	25 33	4 54	19 32	1 12	25 4	1 16	24 3	1 14	15 11	1 22	20 30	0 59	20 54	0 43	15 17	1 27	13 39	15 59	5 45	5 21	5 15		n.a.
T 24	23 30	21 52	4 30	20 3	0 59	25 4	1 17	23 58	1 14	15 8	1 22	20 29	0 59	20 54	0 43	15 18	1 27	13 39	15 59	5 41	5 19	5 18		n.a.
F 25	23 34	17 16	3 53	20 34	0 45	25 3	1 18	23 52	1 14	15 5	1 22	20 28	0 59	20 54	0 43	15 18	1 27	13 39	15 59	5 39	5 18	5 22		n.a.
S 26	23 37	12 5	3 5	21 5	0 32	25 1	1 20	23 47	1 13	15 2	1 22	20 28	0 59	20 55	0 43	15 18	1 27	13 39	15 59	5 38	5 17	5 25		n.a.
S 27	23 40	6 33	2 11	21 35	0 18	24 58	1 21	23 42	1 13	14 58	1 22	20 27	0 59	20 55	0 43	15 18	1 27	13 40	16 0	5 38	5 16	5 29		n.a.
M28	23 43	0 52	1 11	22 4	0 6	24 55	1 22	23 36	1 13	14 55	1 22	20 26	0 58	20 56	0 43	15 19	1 27	13 40	16 0	5 38	5 14	5 32		n.a.
T 29	23 45	4n49	0 9	22 32	0n 6	24 50	1 23	23 30	1 13	14 52	1 21	20 26	0 58	20 56	0 43	15 19	1 27	13 40	16 0	5 38	5 13	5 36		n.a.
W30	23n47	10n21	0n54	22n59	0n18	24n46	1n24	23n24	1n13	14n48	1n21	20s25	0n58	20s57	0s43	15s19	1s27	13s40	16s 1	5n38	5n12	5n39		n.a.

Julian Day Number = 1318338.5, Delta T = 07h35m13s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'34, Lahiri = -19°11'34 Julian Calendar 1 June 1104 BCE == Greg. Calendar 21 May 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

JULY 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 54 32	27♊22'12	6♉ 5	14♊33	12♋10	21♋20	24♌46	4°R22	1°R 4	23°R20	2♈22	14°R 0	12♈54	14♈ 1	n.a.	T 1
F 2	17 58 28	28°19'43	18°10	16°28	13°24	21°59	24°55	4♐18	1♒ 2	23♒19	2°23	13♈56	12°51	14° 8	n.a.	F 2
S 3	18 2 25	29°17'16	0♊29	18°26	14°38	22°37	25° 5	4°14	1° 0	23°18	2°23	13°49	12°48	14°14	n.a.	S 3
S 4	18 6 21	0♋14'50	13° 4	20°25	15°52	23°15	25°15	4°11	0°58	23°18	2°23	13°39	12°45	14°21	n.a.	S 4
M 5	18 10 18	1°12'26	25°57	22°25	17° 6	23°53	25°25	4° 7	0°56	23°17	2°23	13°28	12°42	14°28	n.a.	M 5
T 6	18 14 14	2°10'03	9♋ 5	24°26	18°20	24°31	25°35	4° 3	0°54	23°16	2°23	13°16	12°39	14°34	n.a.	T 6
W 7	18 18 11	3° 7'42	22°29	26°28	19°34	25°10	25°45	4° 0	0°52	23°15	2°24	13° 4	12°35	14°41	n.a.	W 7
T 8	18 22 8	4° 5'22	6♌ 6	28°31	20°48	25°48	25°55	3°56	0°50	23°14	2°24	12°53	12°32	14°48	n.a.	T 8
F 9	18 26 4	5° 3'03	19°52	0♋33	22° 1	26°26	26° 5	3°53	0°48	23°13	2°24	12°45	12°29	14°54	n.a.	F 9
S 10	18 30 1	6° 0'46	3♍46	2°35	23°15	27° 5	26°16	3°49	0°46	23°12	2°24	12°39	12°26	15° 1	n.a.	S 10
S 11	18 33 57	6°58'29	17°46	4°37	24°29	27°43	26°26	3°46	0°44	23°11	2°24	12°37	12°23	15° 8	n.a.	S 11
M12	18 37 54	7°56'14	1♎49	6°39	25°43	28°21	26°37	3°43	0°41	23°10	2°24	12°36	12°19	15°14	n.a.	M12
T 13	18 41 50	8°54'00	15°56	8°39	26°57	29° 0	26°47	3°40	0°39	23° 9	2°R24	12°36	12°16	15°21	n.a.	T 13
W14	18 45 47	9°51'48	0♏ 5	10°39	28°11	29°38	26°58	3°36	0°37	23° 8	2°24	12°35	12°13	15°28	n.a.	W14
T 15	18 49 43	10°49'37	14°15	12°37	29°25	0♌17	27° 9	3°33	0°35	23° 7	2°24	12°33	12°10	15°34	n.a.	T 15
F 16	18 53 40	11°47'27	28°25	14°35	0♌39	0°56	27°19	3°30	0°33	23° 6	2°24	12°28	12° 7	15°41	n.a.	F 16
S 17	18 57 37	12°45'19	12♐30	16°31	1°53	1°34	27°30	3°27	0°30	23° 4	2°24	12°21	12° 4	15°47	n.a.	S 17
S 18	19 1 33	13°43'12	26°27	18°27	3° 7	2°13	27°41	3°25	0°28	23° 3	2°24	12°10	12° 0	15°54	n.a.	S 18
M19	19 5 30	14°41'07	10♑12	20°21	4°21	2°51	27°52	3°22	0°26	23° 2	2°24	11°59	11°57	16° 1	n.a.	M19
T 20	19 9 26	15°39'04	23°42	22°13	5°35	3°30	28° 4	3°19	0°24	23° 1	2°24	11°46	11°54	16° 7	n.a.	T 20
W21	19 13 23	16°37'02	6♒53	24° 5	6°48	4° 9	28°15	3°17	0°21	23° 0	2°23	11°34	11°51	16°14	n.a.	W21
T 22	19 17 19	17°35'02	19°44	25°55	8° 2	4°48	28°26	3°14	0°19	22°58	2°23	11°24	11°48	16°21	n.a.	T 22
F 23	19 21 16	18°33'04	2♓16	27°44	9°16	5°27	28°37	3°12	0°17	22°57	2°23	11°17	11°45	16°27	n.a.	F 23
S 24	19 25 12	19°31'08	14°32	29°32	10°30	6° 5	28°49	3° 9	0°14	22°56	2°23	11°12	11°41	16°34	n.a.	S 24
S 25	19 29 9	20°29'15	26°33	1♌18	11°44	6°44	29° 0	3° 7	0°12	22°54	2°23	11°10	11°38	16°41	n.a.	S 25
M26	19 33 6	21°27'23	8♈26	3° 3	12°58	7°23	29°12	3° 5	0°10	22°53	2°22	11°D 9	11°35	16°47	n.a.	M26
T 27	19 37 2	22°25'33	20°14	4°47	14°12	8° 2	29°23	3° 3	0° 7	22°52	2°22	11°R 9	11°32	16°54	n.a.	T 27
W28	19 40 59	23°23'46	2♉ 3	6°30	15°26	8°41	29°35	3° 1	0° 5	22°50	2°22	11° 9	11°29	17° 1	n.a.	W28
T 29	19 44 55	24°22'00	14° 0	8°11	16°40	9°20	29°47	2°59	0° 2	22°49	2°21	11° 7	11°25	17° 7	n.a.	T 29
F 30	19 48 52	25°20'17	26° 9	9°52	17°53	9°59	29°59	2°57	0° 0	22°47	2°21	11° 4	11°22	17°14	n.a.	F 30
S 31	19 52 48	26♋18'36	8♊33	11♌31	19♌ 7	10♌39	0♍10	2♐55	29♑58	22♒46	2♈21	10♈57	11♈19	17♈21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n48	15n33	1n54	23n24	0n29	24n40	1n25	23n18	1n12	14n45	1n21	20s25	0n58	20s57	0s43	15s20	1s27	13s40	16s 1	5n37	5n11	5n42			n.a.
F 2	23 49	20 15	2 51	23 47	0 40	24 33	1 25	23 11	1 12	14 42	1 21	20 24	0 58	20 57	0 43	15 20	1 27	13 40	16 1	5 35	5 9	5 46			n.a.
S 3	23 50	24 10	3 40	24 8	0 50	24 26	1 26	23 5	1 12	14 38	1 21	20 23	0 58	20 58	0 43	15 20	1 27	13 41	16 2	5 32	5 8	5 49			n.a.
S 4	23 50	27 2	4 20	24 27	0 59	24 18	1 27	22 58	1 12	14 35	1 21	20 23	0 58	20 58	0 43	15 21	1 27	13 41	16 2	5 28	5 7	5 53			n.a.
M 5	23 49	28 33	4 47	24 43	1 7	24 10	1 27	22 51	1 12	14 31	1 20	20 22	0 58	20 59	0 43	15 21	1 27	13 41	16 2	5 24	5 6	5 56			n.a.
T 6	23 49	28 30	5 0	24 57	1 14	24 0	1 28	22 44	1 11	14 27	1 20	20 22	0 57	20 59	0 43	15 21	1 27	13 41	16 3	5 19	5 4	6 0			n.a.
W 7	23 47	26 48	4 57	25 8	1 21	23 50	1 28	22 37	1 11	14 24	1 20	20 21	0 57	21 0	0 43	15 22	1 27	13 41	16 3	5 14	5 3	6 3			n.a.
T 8	23 46	23 31	4 37	25 16	1 27	23 39	1 29	22 29	1 11	14 20	1 20	20 21	0 57	21 0	0 43	15 22	1 27	13 42	16 3	5 10	5 2	6 6			n.a.
F 9	23 44	18 53	4 1	25 22	1 32	23 28	1 29	22 22	1 11	14 16	1 20	20 20	0 57	21 1	0 43	15 22	1 27	13 42	16 4	5 7	5 1	6 10			n.a.
S 10	23 41	13 14	3 10	25 25	1 37	23 15	1 30	22 14	1 10	14 13	1 20	20 20	0 57	21 1	0 43	15 23	1 27	13 42	16 4	5 5	4 59	6 13			n.a.
S 11	23 38	6 52	2 7	25 25	1 40	23 3	1 30	22 6	1 10	14 9	1 19	20 19	0 57	21 2	0 43	15 23	1 27	13 42	16 4	5 4	4 58	6 17			n.a.
M12	23 35	0 8	0 57	25 23	1 43	22 49	1 30	21 58	1 10	14 5	1 19	20 19	0 57	21 2	0 43	15 23	1 27	13 43	16 4	5 3	4 57	6 20			n.a.
T 13	23 31	6s38	0s18	25 18	1 45	22 35	1 30	21 50	1 10	14 1	1 19	20 18	0 56	21 3	0 43	15 24	1 28	13 43	16 5	5 3	4 56	6 24			n.a.
W14	23 27	13 6	1 31	25 10	1 47	22 20	1 30	21 41	1 9	13 58	1 19	20 18	0 56	21 3	0 43	15 24	1 28	13 43	16 5	5 3	4 54	6 27			n.a.
T 15	23 23	18 54	2 39	25 0	1 48	22 4	1 30	21 33	1 9	13 54	1 19	20 17	0 56	21 4	0 43	15 25	1 28	13 44	16 5	5 2	4 53	6 30			n.a.
F 16	23 18	23 39	3 37	24 48	1 48	21 48	1 30	21 24	1 9	13 50	1 19	20 17	0 56	21 4	0 43	15 25	1 28	13 44	16 6	5 0	4 52	6 34			n.a.
S 17	23 12	26 58	4 21	24 34	1 48	21 31	1 30	21 15	1 9	13 46	1 19	20 16	0 56	21 5	0 43	15 25	1 28	13 44	16 6	4 57	4 51	6 37			n.a.
S 18	23 6	28 36	4 49	24 18	1 47	21 14	1 29	21 6	1 8	13 42	1 19	20 16	0 56	21 5	0 43	15 26	1 28	13 44	16 6	4 53	4 49	6 41			n.a.
M19	23 0	28 25	5 0	23 59	1 45	20 56	1 29	20 57	1 8	13 38	1 18	20 16	0 56	21 6	0 44	15 26	1 28	13 45	16 7	4 49	4 48	6 44			n.a.
T 20	22 54	26 32	4 54	23 39	1 43	20 37	1 29	20 47	1 8	13 34	1 18	20 15	0 55	21 6	0 44	15 27	1 28	13 45	16 7	4 44	4 47	6 47			n.a.
W21	22 47	23 14	4 32	23 18	1 41	20 18	1 28	20 38	1 8	13 30	1 18	20 15	0 55	21 7	0 44	15 27	1 28	13 45	16 7	4 39	4 45	6 51			n.a.
T 22	22 39	18 52	3 57	22 54	1 38	19 58	1 28	20 28	1 7	13 26	1 18	20 15	0 55	21 7	0 44	15 28	1 28	13 46	16 8	4 35	4 44	6 54			n.a.
F 23	22 31	13 47	3 10	22 29	1 34	19 37	1 27	20 18	1 7	13 21	1 18	20 14	0 55	21 8	0 44	15 28	1 28	13 46	16 8	4 32	4 43	6 58			n.a.
S 24	22 23	8 16	2 16	22 3	1 30	19 17	1 26	20 8	1 7	13 17	1 18	20 14	0 55	21 8	0 44	15 29	1 28	13 46	16 8	4 30	4 42	7 1			n.a.
S 25	22 14	2 34	1 17	21 36	1 26	18 55	1 26	19 58	1 7	13 13	1 18	20 14	0 55	21 9	0 44	15 29	1 28	13 47	16 8	4 29	4 40	7 5			n.a.
M26	22 5	3n10	0 14	21 7	1 22	18 33	1 25	19 47	1 6	13 9	1 18	20 13	0 54	21 9	0 44	15 30	1 28	13 47	16 9	4 29	4 39	7 8			n.a.
T 27	21 56	8 46	0n48	20 37	1 17	18 11	1 24	19 37	1 6	13 5	1 17	20 13	0 54	21 10	0 44	15 30	1 28	13 48	16 9	4 29	4 38	7 11			n.a.
W28	21 46	14 5	1 49	20 6	1 12	17 48	1 23	19 26	1 6	13 0	1 17	20 13	0 54	21 10	0 44	15 31	1 28	13 48	16 9	4 29	4 37	7 15			n.a.
T 29	21 36	18 55	2 45	19 35	1 6	17 24	1 22	19 15	1 5	12 56	1 17	20 13	0 54	21 11	0 44	15 31	1 28	13 48	16 10	4 28	4 35	7 18			n.a.
F 30	21 25	23 5	3 35	19 2	1 0	17 0	1 21	19 5	1 5	12 52	1 17	20 12	0 54	21 11	0 44	15 32	1 28	13 49	16 10	4 27	4 34	7 22			n.a.
S 31	21n14	26n18	4n16	18n29	0n54	16n36	1n20	18n53	1n 5	12n47	1n17	20s12	0n54	21s12	0s44	15s32	1s28	13s49	16s10	4n24	4n33	7n25			n.a.

Julian Day Number = 1318368.5, Delta T = 07h35m11s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'30, Lahiri = -19°11'30 Julian Calendar 1 July 1104 BCE == Greg. Calendar 20 June 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

AUGUST 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 45	27♋16'58	21♊18	13♌ 9	20♌21	11♌18	0♍22	2°R53	29°R55	22°R44	2°R20	10°R49	11♈16	17♈27	n.a.	S 1
M 2	20 0 41	28°15'21	4♋24	14°45	21°35	11°57	0°34	2♐52	29♑53	22♒43	2♈20	10♈38	11°13	17°34	n.a.	M 2
T 3	20 4 38	29°13'47	17°51	16°21	22°49	12°36	0°46	2°50	29°51	22°42	2°20	10°27	11°10	17°40	n.a.	T 3
W 4	20 8 35	0♌12'15	1♌37	17°55	24° 3	13°15	0°58	2°49	29°48	22°40	2°19	10°15	11° 6	17°47	n.a.	W 4
T 5	20 12 31	1°10'44	15°38	19°29	25°16	13°55	1°10	2°48	29°46	22°39	2°19	10° 5	11° 3	17°54	n.a.	T 5
F 6	20 16 28	2° 9'16	29°51	21° 1	26°30	14°34	1°23	2°46	29°43	22°37	2°18	9°57	11° 0	18° 0	n.a.	F 6
S 7	20 20 24	3° 7'49	14♍ 9	22°32	27°44	15°14	1°35	2°45	29°41	22°35	2°18	9°52	10°57	18° 7	n.a.	S 7
S 8	20 24 21	4° 6'25	28°28	24° 2	28°58	15°53	1°47	2°44	29°39	22°34	2°17	9°50	10°54	18°14	n.a.	S 8
M 9	20 28 17	5° 5'02	12♎44	25°31	0♍12	16°33	1°59	2°43	29°36	22°32	2°17	9°D50	10°51	18°20	n.a.	M 9
T 10	20 32 14	6° 3'41	26°56	26°59	1°25	17°12	2°12	2°42	29°34	22°31	2°16	9°50	10°47	18°27	n.a.	T 10
W11	20 36 10	7° 2'21	11♏ 1	28°25	2°39	17°52	2°24	2°42	29°31	22°29	2°16	9°R50	10°44	18°34	n.a.	W11
T 12	20 40 7	8° 1'04	25° 0	29°51	3°53	18°31	2°37	2°41	29°29	22°28	2°15	9°49	10°41	18°40	n.a.	T 12
F 13	20 44 3	8°59'48	8♐51	1♍15	5° 7	19°11	2°49	2°40	29°27	22°26	2°14	9°45	10°38	18°47	n.a.	F 13
S 14	20 48 0	9°58'35	22°33	2°38	6°20	19°51	3° 2	2°40	29°24	22°24	2°14	9°40	10°35	18°54	n.a.	S 14
S 15	20 51 57	10°57'23	6♑ 4	4° 0	7°34	20°30	3°14	2°40	29°22	22°23	2°13	9°31	10°31	19° 0	n.a.	S 15
M16	20 55 53	11°56'13	19°25	5°20	8°48	21°10	3°27	2°39	29°20	22°21	2°12	9°22	10°28	19° 7	n.a.	M16
T 17	20 59 50	12°55'05	2♒32	6°39	10° 1	21°50	3°39	2°39	29°17	22°19	2°12	9°12	10°25	19°14	n.a.	T 17
W18	21 3 46	13°54'00	15°24	7°57	11°15	22°30	3°52	2°D39	29°15	22°18	2°11	9° 2	10°22	19°20	n.a.	W18
T 19	21 7 43	14°52'56	28° 2	9°13	12°29	23°10	4° 5	2°39	29°13	22°16	2°10	8°54	10°19	19°27	n.a.	T 19
F 20	21 11 39	15°51'55	10♓24	10°28	13°42	23°50	4°17	2°39	29°10	22°14	2°10	8°48	10°16	19°33	n.a.	F 20
S 21	21 15 36	16°50'55	22°33	11°41	14°56	24°30	4°30	2°40	29° 8	22°13	2° 9	8°44	10°12	19°40	n.a.	S 21
S 22	21 19 32	17°49'59	4♈31	12°52	16°10	25°10	4°43	2°40	29° 6	22°11	2° 8	8°D43	10° 9	19°47	n.a.	S 22
M23	21 23 29	18°49'04	16°22	14° 2	17°23	25°50	4°56	2°40	29° 4	22° 9	2° 7	8°43	10° 6	19°53	n.a.	M23
T 24	21 27 26	19°48'12	28° 9	15°10	18°37	26°30	5° 9	2°41	29° 2	22° 8	2° 7	8°44	10° 3	20° 0	n.a.	T 24
W25	21 31 22	20°47'23	9♉58	16°16	19°50	27°10	5°22	2°42	28°59	22° 6	2° 6	8°45	10° 0	20° 7	n.a.	W25
T 26	21 35 19	21°46'35	21°54	17°19	21° 4	27°50	5°35	2°42	28°57	22° 4	2° 5	8°R46	9°56	20°13	n.a.	T 26
F 27	21 39 15	22°45'51	4♊ 2	18°20	22°17	28°30	5°47	2°43	28°55	22° 3	2° 4	8°45	9°53	20°20	n.a.	F 27
S 28	21 43 12	23°45'09	16°27	19°19	23°31	29°11	6° 0	2°44	28°53	22° 1	2° 3	8°43	9°50	20°27	n.a.	S 28
S 29	21 47 8	24°44'29	29°13	20°14	24°44	29°51	6°13	2°45	28°51	21°59	2° 2	8°38	9°47	20°33	n.a.	S 29
M30	21 51 5	25°43'52	12♋23	21° 7	25°58	0♍31	6°26	2°46	28°49	21°58	2° 2	8°32	9°44	20°40	n.a.	M30
T 31	21 55 1	26♌43'17	25♋59	21♍56	27♍11	1♍12	6♍39	2♐48	28♑47	21♒56	2♈ 1	8♈26	9♈41	20♈47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n 3	28n16	4n45	17n55	0n48	16n11	1n19	18n42	1n 5	12n43	1n17	20s12	0n54	21s12	0s44	15s33	1s28	13s50	16s10	4n21	4n32	7n28			n.a.
M 2	20 51	28 45	5 0	17 20	0 42	15 45	1 17	18 31	1 4	12 39	1 17	20 12	0 53	21 13	0 44	15 33	1 28	13 50	16 11	4 17	4 30	7 32			n.a.
T 3	20 39	27 34	4 59	16 45	0 35	15 20	1 16	18 19	1 4	12 34	1 17	20 12	0 53	21 13	0 44	15 34	1 28	13 50	16 11	4 12	4 29	7 35			n.a.
W 4	20 26	24 41	4 42	16 9	0 28	14 54	1 15	18 8	1 4	12 30	1 17	20 12	0 53	21 14	0 44	15 34	1 28	13 51	16 11	4 7	4 28	7 38			n.a.
T 5	20 13	20 19	4 6	15 33	0 21	14 27	1 13	17 56	1 3	12 25	1 17	20 12	0 53	21 15	0 44	15 35	1 28	13 51	16 12	4 3	4 27	7 42			n.a.
F 6	20 0	14 45	3 16	14 57	0 14	14 0	1 12	17 44	1 3	12 21	1 16	20 12	0 53	21 15	0 44	15 35	1 28	13 52	16 12	4 0	4 25	7 45			n.a.
S 7	19 46	8 22	2 12	14 20	0 7	13 33	1 10	17 32	1 3	12 16	1 16	20 11	0 53	21 16	0 44	15 36	1 28	13 52	16 12	3 58	4 24	7 49			n.a.
S 8	19 33	1 32	1 0	13 43	0s 1	13 5	1 8	17 20	1 2	12 12	1 16	20 11	0 52	21 16	0 44	15 36	1 28	13 53	16 12	3 57	4 23	7 52			n.a.
M 9	19 18	5s21	0s16	13 5	0 8	12 37	1 6	17 7	1 2	12 7	1 16	20 11	0 52	21 17	0 44	15 37	1 28	13 53	16 13	3 57	4 21	7 55			n.a.
T 10	19 4	11 56	1 30	12 28	0 16	12 9	1 5	16 55	1 2	12 3	1 16	20 11	0 52	21 17	0 44	15 38	1 29	13 54	16 13	3 57	4 20	7 59			n.a.
W11	18 49	17 53	2 38	11 50	0 24	11 40	1 3	16 42	1 1	11 58	1 16	20 11	0 52	21 18	0 44	15 38	1 29	13 54	16 13	3 57	4 19	8 2			n.a.
T 12	18 34	22 49	3 37	11 13	0 32	11 11	1 1	16 29	1 1	11 53	1 16	20 11	0 52	21 18	0 44	15 39	1 29	13 54	16 13	3 57	4 18	8 6			n.a.
F 13	18 18	26 26	4 22	10 35	0 40	10 42	0 59	16 16	1 1	11 49	1 16	20 11	0 52	21 19	0 44	15 39	1 29	13 55	16 14	3 56	4 16	8 9			n.a.
S 14	18 2	28 28	4 51	9 58	0 48	10 13	0 57	16 3	1 1	11 44	1 16	20 12	0 51	21 19	0 44	15 40	1 29	13 55	16 14	3 53	4 15	8 12			n.a.
S 15	17 46	28 45	5 4	9 20	0 56	9 43	0 55	15 50	1 0	11 39	1 16	20 12	0 51	21 20	0 44	15 40	1 29	13 56	16 14	3 50	4 14	8 16			n.a.
M16	17 29	27 21	5 0	8 43	1 4	9 13	0 53	15 37	1 0	11 35	1 16	20 12	0 51	21 20	0 44	15 41	1 29	13 56	16 14	3 46	4 13	8 19			n.a.
T 17	17 13	24 27	4 40	8 6	1 12	8 43	0 50	15 24	1 0	11 30	1 16	20 12	0 51	21 21	0 44	15 41	1 29	13 57	16 15	3 42	4 11	8 22			n.a.
W18	16 55	20 23	4 6	7 30	1 20	8 12	0 48	15 10	0 59	11 25	1 16	20 12	0 51	21 21	0 44	15 42	1 29	13 57	16 15	3 38	4 10	8 26			n.a.
T 19	16 38	15 29	3 21	6 53	1 28	7 41	0 46	14 57	0 59	11 20	1 16	20 12	0 51	21 22	0 44	15 43	1 29	13 58	16 15	3 35	4 9	8 29			n.a.
F 20	16 20	10 2	2 26	6 17	1 36	7 11	0 44	14 43	0 58	11 16	1 15	20 12	0 50	21 22	0 44	15 43	1 29	13 58	16 15	3 33	4 8	8 33			n.a.
S 21	16 2	4 19	1 26	5 42	1 44	6 39	0 41	14 29	0 58	11 11	1 15	20 13	0 50	21 22	0 44	15 44	1 29	13 59	16 16	3 31	4 6	8 36			n.a.
S 22	15 44	1n29	0 23	5 7	1 52	6 8	0 39	14 15	0 58	11 6	1 15	20 13	0 50	21 23	0 44	15 44	1 29	13 59	16 16	3 31	4 5	8 39			n.a.
M23	15 26	7 10	0n41	4 33	2 0	5 37	0 36	14 1	0 57	11 1	1 15	20 13	0 50	21 23	0 44	15 45	1 29	14 0	16 16	3 31	4 4	8 43			n.a.
T 24	15 7	12 35	1 43	3 59	2 7	5 5	0 34	13 47	0 57	10 56	1 15	20 13	0 50	21 24	0 44	15 45	1 29	14 0	16 16	3 31	4 3	8 46			n.a.
W25	14 48	17 35	2 41	3 27	2 15	4 34	0 31	13 32	0 57	10 52	1 15	20 14	0 50	21 24	0 44	15 46	1 29	14 1	16 16	3 32	4 1	8 49			n.a.
T 26	14 29	21 57	3 32	2 55	2 22	4 2	0 28	13 18	0 56	10 47	1 15	20 14	0 49	21 25	0 44	15 46	1 29	14 1	16 17	3 32	4 0	8 53			n.a.
F 27	14 9	25 28	4 15	2 24	2 29	3 30	0 26	13 3	0 56	10 42	1 15	20 14	0 49	21 25	0 44	15 47	1 29	14 2	16 17	3 32	3 59	8 56			n.a.
S 28	13 49	27 53	4 47	1 55	2 36	2 58	0 23	12 49	0 56	10 37	1 15	20 15	0 49	21 26	0 44	15 48	1 29	14 2	16 17	3 30	3 57	8 59			n.a.
S 29	13 29	28 55	5 5	1 26	2 43	2 26	0 20	12 34	0 55	10 32	1 15	20 15	0 49	21 26	0 44	15 48	1 29	14 3	16 17	3 29	3 56	9 3			n.a.
M30	13 9	28 22	5 9	0 59	2 49	1 54	0 17	12 19	0 55	10 27	1 15	20 15	0 49	21 26	0 44	15 49	1 29	14 3	16 17	3 26	3 55	9 6			n.a.
T 31	12n48	26n 7	4n55	0n34	2s55	1n21	0n15	12n 4	0n54	10n22	1n15	20s16	0n49	21s27	0s44	15s49	1s29	14s 4	16s18	3n24	3n54	9n 9			n.a.

Julian Day Number = 1318399.5, Delta T = 07h35m10s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'26, Lahiri = -19°11'25 Julian Calendar 1 Aug. 1104 BCE == Greg. Calendar 21 July 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

SEPTEMBER 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 58 58	27♌42'45	9♌59	22♍42	28♍25	1♍52	6♍52	2♐49	28°R45	21°R54	2°R 0	8°R19	9♈37	20♈53	n.a.	W 1
T 2	22 2 54	28°42'14	24°19	23°24	29°38	2°33	7° 5	2°50	28♑43	21♒53	1♈59	8♈13	9°34	21° 0	n.a.	T 2
F 3	22 6 51	29°41'46	8♍55	24° 1	0♎51	3°13	7°19	2°52	28°41	21°51	1°58	8° 8	9°31	21° 7	n.a.	F 3
S 4	22 10 48	0♍41'20	23°38	24°34	2° 5	3°54	7°32	2°53	28°39	21°49	1°57	8° 5	9°28	21°13	n.a.	S 4
S 5	22 14 44	1°40'56	8♎23	25° 1	3°18	4°34	7°45	2°55	28°37	21°48	1°56	8°D 5	9°25	21°20	n.a.	S 5
M 6	22 18 41	2°40'34	23° 2	25°23	4°32	5°15	7°58	2°57	28°35	21°46	1°55	8° 5	9°22	21°26	n.a.	M 6
T 7	22 22 37	3°40'14	7♏30	25°38	5°45	5°56	8°11	2°59	28°33	21°45	1°54	8° 7	9°18	21°33	n.a.	T 7
W 8	22 26 34	4°39'56	21°45	25°47	6°58	6°36	8°24	3° 1	28°31	21°43	1°53	8° 8	9°15	21°40	n.a.	W 8
T 9	22 30 30	5°39'40	5♐44	25°R49	8°11	7°17	8°37	3° 3	28°30	21°41	1°52	8°R 9	9°12	21°46	n.a.	T 9
F 10	22 34 27	6°39'26	19°27	25°43	9°25	7°58	8°50	3° 5	28°28	21°40	1°51	8° 8	9° 9	21°53	n.a.	F 10
S 11	22 38 23	7°39'13	2♑55	25°28	10°38	8°39	9° 4	3° 8	28°26	21°38	1°50	8° 6	9° 6	22° 0	n.a.	S 11
S 12	22 42 20	8°39'02	16° 7	25° 5	11°51	9°20	9°17	3°10	28°25	21°36	1°49	8° 2	9° 2	22° 6	n.a.	S 12
M13	22 46 17	9°38'53	29° 6	24°33	13° 4	10° 1	9°30	3°12	28°23	21°35	1°48	7°58	8°59	22°13	n.a.	M13
T 14	22 50 13	10°38'46	11♒51	23°53	14°17	10°42	9°43	3°15	28°21	21°33	1°47	7°53	8°56	22°20	n.a.	T 14
W15	22 54 10	11°38'41	24°23	23° 4	15°30	11°23	9°56	3°18	28°20	21°32	1°46	7°49	8°53	22°26	n.a.	W15
T 16	22 58 6	12°38'38	6♓44	22° 6	16°44	12° 4	10° 9	3°21	28°18	21°30	1°45	7°45	8°50	22°33	n.a.	T 16
F 17	23 2 3	13°38'37	18°53	21° 2	17°57	12°45	10°22	3°23	28°17	21°29	1°44	7°43	8°47	22°40	n.a.	F 17
S 18	23 5 59	14°38'38	0♈54	19°52	19°10	13°26	10°36	3°26	28°15	21°27	1°43	7°41	8°43	22°46	n.a.	S 18
S 19	23 9 56	15°38'41	12°47	18°37	20°23	14° 8	10°49	3°29	28°14	21°26	1°42	7°D41	8°40	22°53	n.a.	S 19
M20	23 13 52	16°38'46	24°36	17°21	21°36	14°49	11° 2	3°32	28°13	21°24	1°41	7°42	8°37	23° 0	n.a.	M20
T 21	23 17 49	17°38'53	6♉23	16° 4	22°48	15°30	11°15	3°36	28°11	21°23	1°39	7°44	8°34	23° 6	n.a.	T 21
W22	23 21 45	18°39'03	18°12	14°50	24° 1	16°12	11°28	3°39	28°10	21°21	1°38	7°45	8°31	23°13	n.a.	W22
T 23	23 25 42	19°39'15	0♊ 7	13°41	25°14	16°53	11°41	3°42	28° 9	21°20	1°37	7°47	8°28	23°20	n.a.	T 23
F 24	23 29 39	20°39'29	12°13	12°38	26°27	17°34	11°54	3°46	28° 8	21°18	1°36	7°48	8°24	23°26	n.a.	F 24
S 25	23 33 35	21°39'45	24°35	11°45	27°40	18°16	12° 7	3°49	28° 6	21°17	1°35	7°R48	8°21	23°33	n.a.	S 25
S 26	23 37 32	22°40'04	7♋16	11° 1	28°53	18°57	12°20	3°53	28° 5	21°16	1°34	7°47	8°18	23°39	n.a.	S 26
M27	23 41 28	23°40'24	20°22	10°29	0♏ 5	19°39	12°33	3°57	28° 4	21°14	1°33	7°46	8°15	23°46	n.a.	M27
T 28	23 45 25	24°40'47	3♌54	10° 8	1°18	20°21	12°46	4° 1	28° 3	21°13	1°32	7°44	8°12	23°53	n.a.	T 28
W29	23 49 21	25°41'12	17°54	9°D59	2°31	21° 2	12°59	4° 4	28° 2	21°12	1°31	7°43	8° 8	23°59	n.a.	W29
T 30	23 53 18	26♍41'39	2♍19	10♍ 1	3♏43	21♍44	13♍12	4♐ 8	28♑ 1	21♒10	1♈29	7♈41	8♈ 5	24♈ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n28	22n16	4n24	0n11	3s 1	0n49	0n12	11n49	0n54	10n17	1n15	20s16	0n48	21s27	0s43	15s50	1s29	14s 4	16s18	3n21	3n52	9n13		n.a.
T 2	12 7	17 0	3 35	0s11	3 6	0 17	0 9	11 34	0 54	10 12	1 15	20 17	0 48	21 28	0 43	15 50	1 29	14 5	16 18	3 18	3 51	9 16		n.a.
F 3	11 46	10 42	2 32	0 30	3 11	0s15	0 6	11 19	0 53	10 7	1 15	20 17	0 48	21 28	0 43	15 51	1 29	14 5	16 18	3 17	3 50	9 19		n.a.
S 4	11 24	3 45	1 18	0 47	3 15	0 48	0 3	11 4	0 53	10 2	1 15	20 18	0 48	21 28	0 43	15 51	1 29	14 6	16 18	3 16	3 49	9 23		n.a.
S 5	11 3	3s24	0s 2	1 1	3 18	1 20	0s 0	10 48	0 53	9 57	1 15	20 18	0 48	21 29	0 43	15 52	1 29	14 7	16 18	3 15	3 47	9 26		n.a.
M 6	10 41	10 20	1 21	1 12	3 21	1 52	0 3	10 33	0 52	9 52	1 15	20 19	0 48	21 29	0 43	15 53	1 29	14 7	16 19	3 16	3 46	9 29		n.a.
T 7	10 19	16 39	2 34	1 20	3 22	2 25	0 6	10 17	0 52	9 47	1 15	20 19	0 48	21 30	0 43	15 53	1 29	14 8	16 19	3 16	3 45	9 33		n.a.
W 8	9 57	21 58	3 36	1 24	3 23	2 57	0 9	10 1	0 51	9 42	1 15	20 20	0 47	21 30	0 43	15 54	1 29	14 8	16 19	3 17	3 43	9 36		n.a.
T 9	9 35	25 57	4 24	1 24	3 22	3 29	0 12	9 46	0 51	9 37	1 15	20 20	0 47	21 30	0 43	15 54	1 29	14 9	16 19	3 17	3 42	9 39		n.a.
F 10	9 13	28 20	4 57	1 20	3 21	4 1	0 15	9 30	0 50	9 32	1 15	20 21	0 47	21 31	0 43	15 55	1 29	14 9	16 19	3 17	3 41	9 43		n.a.
S 11	8 50	28 59	5 12	1 11	3 18	4 33	0 18	9 14	0 50	9 27	1 15	20 21	0 47	21 31	0 43	15 55	1 29	14 10	16 19	3 16	3 40	9 46		n.a.
S 12	8 27	27 58	5 10	0 58	3 13	5 5	0 21	8 58	0 50	9 22	1 15	20 22	0 47	21 31	0 43	15 56	1 29	14 10	16 19	3 14	3 38	9 49		n.a.
M13	8 5	25 26	4 52	0 39	3 6	5 37	0 25	8 42	0 49	9 17	1 15	20 23	0 47	21 32	0 43	15 56	1 29	14 11	16 19	3 13	3 37	9 53		n.a.
T 14	7 42	21 40	4 20	0 15	2 58	6 9	0 28	8 26	0 49	9 12	1 15	20 23	0 46	21 32	0 43	15 57	1 29	14 11	16 20	3 11	3 36	9 56		n.a.
W15	7 19	17 0	3 36	0n14	2 48	6 40	0 31	8 9	0 48	9 7	1 15	20 24	0 46	21 32	0 43	15 57	1 29	14 12	16 20	3 9	3 35	9 59		n.a.
T 16	6 55	11 41	2 42	0 48	2 36	7 12	0 34	7 53	0 48	9 2	1 15	20 25	0 46	21 32	0 43	15 58	1 29	14 12	16 20	3 7	3 33	10 3		n.a.
F 17	6 32	6 1	1 42	1 26	2 22	7 43	0 37	7 37	0 48	8 57	1 15	20 25	0 46	21 33	0 43	15 58	1 29	14 13	16 20	3 6	3 32	10 6		n.a.
S 18	6 9	0 12	0 37	2 9	2 6	8 14	0 40	7 20	0 47	8 52	1 15	20 26	0 46	21 33	0 43	15 59	1 29	14 13	16 20	3 6	3 31	10 9		n.a.
S 19	5 45	5n34	0n28	2 54	1 49	8 45	0 43	7 4	0 47	8 47	1 15	20 27	0 46	21 33	0 43	15 59	1 29	14 14	16 20	3 6	3 30	10 13		n.a.
M20	5 21	11 6	1 32	3 42	1 30	9 16	0 47	6 47	0 46	8 42	1 15	20 28	0 46	21 34	0 43	16 0	1 29	14 14	16 20	3 6	3 28	10 16		n.a.
T 21	4 57	16 15	2 32	4 30	1 10	9 47	0 50	6 30	0 46	8 37	1 15	20 28	0 45	21 34	0 43	16 0	1 29	14 15	16 20	3 7	3 27	10 19		n.a.
W22	4 34	20 49	3 26	5 18	0 50	10 17	0 53	6 14	0 45	8 32	1 15	20 29	0 45	21 34	0 43	16 1	1 29	14 15	16 20	3 7	3 26	10 23		n.a.
T 23	4 10	24 35	4 11	6 4	0 29	10 47	0 56	5 57	0 45	8 27	1 15	20 30	0 45	21 34	0 43	16 1	1 29	14 16	16 20	3 8	3 24	10 26		n.a.
F 24	3 46	27 21	4 46	6 47	0 9	11 17	0 59	5 40	0 44	8 22	1 15	20 31	0 45	21 34	0 43	16 2	1 29	14 16	16 20	3 8	3 23	10 29		n.a.
S 25	3 22	28 51	5 8	7 26	0n11	11 46	1 2	5 23	0 44	8 17	1 15	20 32	0 45	21 35	0 43	16 2	1 29	14 17	16 20	3 8	3 22	10 32		n.a.
S 26	2 57	28 54	5 17	8 0	0 30	12 16	1 5	5 6	0 43	8 12	1 15	20 32	0 45	21 35	0 43	16 2	1 29	14 17	16 20	3 8	3 21	10 36		n.a.
M27	2 33	27 21	5 9	8 29	0 47	12 45	1 8	4 49	0 43	8 7	1 15	20 33	0 45	21 35	0 43	16 3	1 29	14 18	16 20	3 8	3 19	10 39		n.a.
T 28	2 9	24 12	4 45	8 52	1 3	13 14	1 11	4 32	0 43	8 2	1 15	20 34	0 44	21 35	0 43	16 3	1 29	14 18	16 20	3 7	3 18	10 42		n.a.
W29	1 44	19 33	4 2	9 8	1 17	13 42	1 14	4 15	0 42	7 57	1 15	20 35	0 44	21 35	0 43	16 4	1 29	14 19	16 20	3 6	3 17	10 46		n.a.
T 30	1n20	13n40	3n 4	9n19	1n30	14s10	1s17	3n58	0n42	7n51	1n15	20s36	0n44	21s36	0s43	16s 4	1s29	14s19	16s20	3n 6	3n16	10n49		n.a.

Julian Day Number = 1318430.5, Delta T = 07h35m08s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'22, Lahiri = -19°11'21 Julian Calendar 1 Sept. 1104 BCE == Greg. Calendar 21 Aug. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

OCTOBER 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 57 14	27♍42'07	17♍ 5	10♍14	4♏56	22♍26	13♍25	4♐12	28°R 0	21°R 9	1°R28	7°R40	8♈ 2	24♈13	n.a.	F 1
S 2	0 1 11	28°42'38	2♎ 5	10°37	6° 8	23° 8	13°38	4°17	28♑ 0	21♒ 8	1♈27	7°D40	7°59	24°19	n.a.	S 2
S 3	0 5 8	29°43'10	17°12	11°10	7°21	23°50	13°51	4°21	27°59	21° 7	1°26	7♈40	7°56	24°26	n.a.	S 3
M 4	0 9 4	0♎43'44	2♏14	11°51	8°33	24°32	14° 4	4°25	27°58	21° 5	1°25	7°40	7°53	24°33	n.a.	M 4
T 5	0 13 1	1°44'20	17° 6	12°40	9°46	25°14	14°17	4°29	27°57	21° 4	1°24	7°41	7°49	24°39	n.a.	T 5
W 6	0 16 57	2°44'57	1♐39	13°35	10°58	25°56	14°30	4°34	27°57	21° 3	1°23	7°41	7°46	24°46	n.a.	W 6
T 7	0 20 54	3°45'35	15°51	14°37	12°11	26°38	14°43	4°38	27°56	21° 2	1°21	7°42	7°43	24°53	n.a.	T 7
F 8	0 24 50	4°46'15	29°39	15°43	13°23	27°20	14°56	4°43	27°56	21° 1	1°20	7°R42	7°40	24°59	n.a.	F 8
S 9	0 28 47	5°46'56	13♑ 4	16°54	14°35	28° 2	15° 8	4°48	27°55	21° 0	1°19	7°42	7°37	25° 6	n.a.	S 9
S 10	0 32 43	6°47'39	26° 7	18° 9	15°47	28°44	15°21	4°52	27°55	20°59	1°18	7°42	7°34	25°13	n.a.	S 10
M11	0 36 40	7°48'22	8♒52	19°27	17° 0	29°26	15°34	4°57	27°54	20°58	1°17	7°D42	7°30	25°19	n.a.	M11
T 12	0 40 37	8°49'07	21°21	20°47	18°12	0♎ 9	15°46	5° 2	27°54	20°57	1°16	7°42	7°27	25°26	n.a.	T 12
W13	0 44 33	9°49'53	3♓37	22°10	19°24	0°51	15°59	5° 7	27°54	20°56	1°15	7°42	7°24	25°33	n.a.	W13
T 14	0 48 30	10°50'41	15°43	23°35	20°36	1°33	16°12	5°12	27°53	20°55	1°14	7°42	7°21	25°39	n.a.	T 14
F 15	0 52 26	11°51'29	27°42	25° 2	21°48	2°16	16°24	5°17	27°53	20°54	1°12	7°43	7°18	25°46	n.a.	F 15
S 16	0 56 23	12°52'20	9♈34	26°30	23° 0	2°58	16°37	5°22	27°53	20°53	1°11	7°R43	7°14	25°53	n.a.	S 16
S 17	1 0 19	13°53'11	21°24	27°59	24°11	3°41	16°49	5°28	27°53	20°52	1°10	7°42	7°11	25°59	n.a.	S 17
M18	1 4 16	14°54'04	3♉12	29°29	25°23	4°23	17° 1	5°33	27°D53	20°51	1° 9	7°42	7° 8	26° 6	n.a.	M18
T 19	1 8 12	15°54'58	15° 1	0♎59	26°35	5° 6	17°14	5°38	27°53	20°50	1° 8	7°41	7° 5	26°12	n.a.	T 19
W20	1 12 9	16°55'54	26°53	2°31	27°46	5°48	17°26	5°44	27°53	20°50	1° 7	7°40	7° 2	26°19	n.a.	W20
T 21	1 16 6	17°56'51	8♊51	4° 3	28°58	6°31	17°38	5°49	27°53	20°49	1° 6	7°38	6°59	26°26	n.a.	T 21
F 22	1 20 2	18°57'49	20°59	5°35	0♐ 9	7°14	17°50	5°55	27°53	20°48	1° 5	7°37	6°55	26°32	n.a.	F 22
S 23	1 23 59	19°58'49	3♋20	7° 8	1°21	7°57	18° 3	6° 0	27°54	20°47	1° 4	7°36	6°52	26°39	n.a.	S 23
S 24	1 27 55	20°59'51	15°57	8°40	2°32	8°39	18°15	6° 6	27°54	20°47	1° 3	7°D35	6°49	26°46	n.a.	S 24
M25	1 31 52	22° 0'54	28°55	10°13	3°43	9°22	18°27	6°12	27°54	20°46	1° 2	7°35	6°46	26°52	n.a.	M25
T 26	1 35 48	23° 1'58	12♌17	11°47	4°54	10° 5	18°39	6°17	27°55	20°46	1° 0	7°36	6°43	26°59	n.a.	T 26
W27	1 39 45	24° 3'03	26° 4	13°20	6° 6	10°48	18°51	6°23	27°55	20°45	0°59	7°37	6°39	27° 6	n.a.	W27
T 28	1 43 41	25° 4'10	10♍19	14°53	7°17	11°31	19° 3	6°29	27°56	20°45	0°58	7°38	6°36	27°12	n.a.	T 28
F 29	1 47 38	26° 5'18	24°58	16°27	8°28	12°14	19°14	6°35	27°56	20°44	0°57	7°39	6°33	27°19	n.a.	F 29
S 30	1 51 35	27° 6'27	9♎58	18° 1	9°38	12°57	19°26	6°41	27°57	20°44	0°56	7°R39	6°30	27°26	n.a.	S 30
S 31	1 55 31	28♎ 7'37	25♎10	19♎34	10♐49	13♎40	19♍38	6♐47	27♑57	20♒43	0♈55	7♈39	6♈27	27♈32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n56	6n54	1n52	9n24	1n40	14s38	1s20	3n41	0n41	7n46	1n15	20s37	0n44	21s36	0s43	16s 4	1s29	14s20	16s20	3n 6	3n14	10n52		n.a.
S 2	0 31	0s22	0 31	9 23	1 50	15 5	1 23	3 23	0 41	7 41	1 15	20 38	0 44	21 36	0 43	16 5	1 28	14 20	16 20	3 5	3 13	10 55		n.a.
S 3	0 7	7 40	0s53	9 18	1 57	15 32	1 26	3 6	0 40	7 36	1 15	20 39	0 44	21 36	0 43	16 5	1 28	14 20	16 20	3 5	3 12	10 59		n.a.
M 4	0s18	14 31	2 12	9 7	2 3	15 59	1 29	2 49	0 40	7 31	1 15	20 39	0 44	21 36	0 43	16 6	1 28	14 21	16 20	3 6	3 10	11 2		n.a.
T 5	0 42	20 26	3 22	8 53	2 8	16 25	1 32	2 31	0 39	7 26	1 16	20 40	0 43	21 36	0 43	16 6	1 28	14 21	16 20	3 6	3 9	11 5		n.a.
W 6	1 7	25 1	4 17	8 34	2 11	16 51	1 35	2 14	0 39	7 21	1 16	20 41	0 43	21 36	0 43	16 6	1 28	14 22	16 20	3 6	3 8	11 9		n.a.
T 7	1 31	27 57	4 55	8 12	2 14	17 17	1 37	1 57	0 38	7 16	1 16	20 42	0 43	21 36	0 43	16 7	1 28	14 22	16 20	3 6	3 7	11 12		n.a.
F 8	1 56	29 4	5 15	7 47	2 15	17 42	1 40	1 39	0 38	7 12	1 16	20 43	0 43	21 37	0 43	16 7	1 28	14 23	16 20	3 6	3 5	11 15		n.a.
S 9	2 20	28 25	5 16	7 19	2 15	18 6	1 43	1 22	0 37	7 7	1 16	20 44	0 43	21 37	0 43	16 7	1 28	14 23	16 20	3 6	3 4	11 18		n.a.
S 10	2 44	26 12	5 2	6 49	2 14	18 31	1 45	1 4	0 37	7 2	1 16	20 45	0 43	21 37	0 43	16 8	1 28	14 23	16 20	3 6	3 3	11 22		n.a.
M11	3 9	22 42	4 32	6 17	2 13	18 54	1 48	0 47	0 36	6 57	1 16	20 46	0 43	21 37	0 43	16 8	1 28	14 24	16 20	3 6	3 2	11 25		n.a.
T 12	3 33	18 14	3 50	5 42	2 11	19 17	1 50	0 29	0 36	6 52	1 16	20 47	0 42	21 37	0 42	16 8	1 28	14 24	16 20	3 6	3 0	11 28		n.a.
W13	3 57	13 6	2 58	5 6	2 8	19 40	1 53	0 12	0 35	6 47	1 16	20 48	0 42	21 37	0 42	16 9	1 28	14 25	16 20	3 6	2 59	11 31		n.a.
T 14	4 22	7 33	1 59	4 29	2 5	20 2	1 55	0s 6	0 35	6 42	1 16	20 49	0 42	21 37	0 42	16 9	1 28	14 25	16 20	3 6	2 58	11 35		n.a.
F 15	4 46	1 47	0 55	3 51	2 1	20 24	1 57	0 24	0 34	6 37	1 16	20 50	0 42	21 37	0 42	16 9	1 28	14 25	16 20	3 6	2 56	11 38		n.a.
S 16	5 10	4n 1	0n10	3 12	1 57	20 45	2 0	0 41	0 34	6 32	1 16	20 52	0 42	21 37	0 42	16 9	1 28	14 26	16 20	3 6	2 55	11 41		n.a.
S 17	5 34	9 38	1 15	2 31	1 52	21 6	2 2	0 59	0 33	6 27	1 16	20 53	0 42	21 37	0 42	16 10	1 28	14 26	16 20	3 6	2 54	11 44		n.a.
M18	5 58	14 55	2 17	1 50	1 47	21 26	2 4	1 16	0 33	6 23	1 16	20 54	0 42	21 37	0 42	16 10	1 28	14 26	16 20	3 6	2 53	11 48		n.a.
T 19	6 22	19 40	3 13	1 9	1 42	21 45	2 6	1 34	0 32	6 18	1 17	20 55	0 42	21 37	0 42	16 10	1 28	14 27	16 20	3 6	2 51	11 51		n.a.
W20	6 45	23 40	4 0	0 27	1 36	22 4	2 8	1 52	0 31	6 13	1 17	20 56	0 41	21 37	0 42	16 10	1 28	14 27	16 19	3 5	2 50	11 54		n.a.
T 21	7 9	26 43	4 38	0s15	1 30	22 22	2 10	2 9	0 31	6 8	1 17	20 57	0 41	21 37	0 42	16 11	1 28	14 27	16 19	3 5	2 49	11 57		n.a.
F 22	7 33	28 34	5 4	0 58	1 24	22 40	2 12	2 27	0 30	6 3	1 17	20 58	0 41	21 37	0 42	16 11	1 28	14 28	16 19	3 4	2 47	12 1		n.a.
S 23	7 56	29 3	5 16	1 41	1 18	22 57	2 14	2 45	0 30	5 59	1 17	20 59	0 41	21 36	0 42	16 11	1 28	14 28	16 19	3 4	2 46	12 4		n.a.
S 24	8 19	28 3	5 13	2 24	1 12	23 13	2 15	3 2	0 29	5 54	1 17	21 0	0 41	21 36	0 42	16 11	1 28	14 28	16 19	3 3	2 45	12 7		n.a.
M25	8 43	25 31	4 55	3 7	1 6	23 29	2 17	3 20	0 29	5 49	1 17	21 1	0 41	21 36	0 42	16 11	1 28	14 29	16 19	3 3	2 44	12 10		n.a.
T 26	9 6	21 33	4 21	3 50	0 59	23 44	2 19	3 38	0 28	5 45	1 17	21 2	0 41	21 36	0 42	16 11	1 28	14 29	16 19	3 4	2 42	12 14		n.a.
W27	9 29	16 19	3 30	4 33	0 52	23 58	2 20	3 55	0 28	5 40	1 17	21 4	0 41	21 36	0 42	16 12	1 28	14 29	16 18	3 4	2 41	12 17		n.a.
T 28	9 51	10 4	2 26	5 15	0 46	24 12	2 21	4 13	0 27	5 35	1 17	21 5	0 40	21 36	0 42	16 12	1 28	14 29	16 18	3 5	2 40	12 20		n.a.
F 29	10 14	3 6	1 10	5 58	0 39	24 25	2 23	4 30	0 26	5 31	1 18	21 6	0 40	21 36	0 42	16 12	1 28	14 30	16 18	3 5	2 39	12 23		n.a.
S 30	10 36	4s12	0s13	6 41	0 32	24 38	2 24	4 48	0 26	5 26	1 18	21 7	0 40	21 36	0 42	16 12	1 28	14 30	16 18	3 5	2 37	12 26		n.a.
S 31	10s59	11s22	1s35	7s23	0n26	24s49	2s25	5s 6	0n25	5n22	1n18	21s 8	0n40	21s35	0s42	16s12	1s28	14s30	16s18	3n 5	2n36	12n30		n.a.

Julian Day Number = 1318460.5, Delta T = 07h35m06s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'17, Lahiri = -19°11'17 Julian Calendar 1 Oct. 1104 BCE == Greg. Calendar 20 Sept. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

NOVEMBER 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 59 28	29♎ 8'47	10♏25	21♎ 8	12♐ 0	14♎24	19♍49	6♐53	27♑58	20°R43	0°R54	7°R37	6♈24	27♈39	n.a.	M 1
T 2	2 3 24	0♏ 9'59	25°34	22°42	13°10	15° 7	20° 1	6°59	27°59	20♒42	0♈53	7♈34	6°20	27°46	n.a.	T 2
W 3	2 7 21	1°11'11	10♐26	24°15	14°21	15°50	20°12	7° 5	28° 0	20°42	0°52	7°31	6°17	27°52	n.a.	W 3
T 4	2 11 17	2°12'24	24°54	25°49	15°31	16°33	20°24	7°12	28° 0	20°42	0°51	7°27	6°14	27°59	n.a.	T 4
F 5	2 15 14	3°13'38	8♑55	27°23	16°42	17°17	20°35	7°18	28° 1	20°42	0°51	7°25	6°11	28° 6	n.a.	F 5
S 6	2 19 10	4°14'51	22°27	28°57	17°52	18° 0	20°46	7°24	28° 2	20°41	0°50	7°23	6° 8	28°12	n.a.	S 6
S 7	2 23 7	5°16'05	5♒33	0♏31	19° 2	18°44	20°57	7°30	28° 3	20°41	0°49	7°D22	6° 5	28°19	n.a.	S 7
M 8	2 27 4	6°17'20	18°15	2° 5	20°12	19°27	21° 9	7°37	28° 4	20°41	0°48	7°23	6° 1	28°26	n.a.	M 8
T 9	2 31 0	7°18'34	0♓38	3°39	21°21	20°11	21°20	7°43	28° 5	20°41	0°47	7°24	5°58	28°32	n.a.	T 9
W10	2 34 57	8°19'49	12°45	5°13	22°31	20°54	21°30	7°50	28° 7	20°41	0°46	7°26	5°55	28°39	n.a.	W10
T 11	2 38 53	9°21'04	24°42	6°48	23°41	21°38	21°41	7°56	28° 8	20°41	0°45	7°28	5°52	28°46	n.a.	T 11
F 12	2 42 50	10°22'19	6♈33	8°22	24°50	22°21	21°52	8° 3	28° 9	20°D41	0°44	7°R28	5°49	28°52	n.a.	F 12
S 13	2 46 46	11°23'34	18°21	9°57	25°59	23° 5	22° 3	8° 9	28°10	20°41	0°43	7°28	5°45	28°59	n.a.	S 13
S 14	2 50 43	12°24'50	0♉ 9	11°32	27° 8	23°49	22°13	8°16	28°12	20°41	0°43	7°25	5°42	29° 6	n.a.	S 14
M15	2 54 40	13°26'06	11°59	13° 7	28°17	24°33	22°24	8°23	28°13	20°41	0°42	7°21	5°39	29°12	n.a.	M15
T 16	2 58 36	14°27'22	23°53	14°43	29°26	25°16	22°34	8°29	28°14	20°41	0°41	7°15	5°36	29°19	n.a.	T 16
W17	3 2 33	15°28'38	5♊53	16°18	0♑35	26° 0	22°45	8°36	28°16	20°41	0°40	7° 8	5°33	29°26	n.a.	W17
T 18	3 6 29	16°29'55	18° 1	17°54	1°43	26°44	22°55	8°43	28°17	20°41	0°40	7° 0	5°30	29°32	n.a.	T 18
F 19	3 10 26	17°31'12	0♋17	19°30	2°52	27°28	23° 5	8°50	28°19	20°42	0°39	6°53	5°26	29°39	n.a.	F 19
S 20	3 14 22	18°32'30	12°44	21° 6	4° 0	28°12	23°15	8°56	28°21	20°42	0°38	6°46	5°23	29°45	n.a.	S 20
S 21	3 18 19	19°33'47	25°25	22°43	5° 8	28°56	23°25	9° 3	28°22	20°42	0°37	6°42	5°20	29°52	n.a.	S 21
M22	3 22 15	20°35'05	8♌21	24°20	6°15	29°40	23°35	9°10	28°24	20°43	0°37	6°39	5°17	29°59	n.a.	M22
T 23	3 26 12	21°36'24	21°35	25°57	7°23	0♏24	23°44	9°17	28°26	20°43	0°36	6°D38	5°14	0♉ 5	n.a.	T 23
W24	3 30 9	22°37'42	5♍11	27°34	8°30	1° 9	23°54	9°24	28°28	20°43	0°35	6°39	5°11	0°12	n.a.	W24
T 25	3 34 5	23°39'00	19° 9	29°12	9°37	1°53	24° 3	9°31	28°29	20°44	0°35	6°40	5° 7	0°19	n.a.	T 25
F 26	3 38 2	24°40'19	3♎30	0♐50	10°44	2°37	24°13	9°38	28°31	20°44	0°34	6°R41	5° 4	0°25	n.a.	F 26
S 27	3 41 58	25°41'38	18°12	2°28	11°51	3°21	24°22	9°45	28°33	20°45	0°34	6°40	5° 1	0°32	n.a.	S 27
S 28	3 45 55	26°42'56	3♏11	4° 7	12°58	4° 6	24°31	9°52	28°35	20°45	0°33	6°37	4°58	0°39	n.a.	S 28
M29	3 49 51	27°44'15	18°19	5°46	14° 4	4°50	24°40	9°59	28°37	20°46	0°32	6°32	4°55	0°45	n.a.	M29
T 30	3 53 48	28♏45'33	3♐27	7♐25	15♑10	5♏34	24♍49	10♐ 6	28♑39	20♒46	0♈32	6♈25	4♈51	0♉52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s21	17s53	2s51	8s 5	0n19	25s 0	2s26	5s23	0n25	5n17	1n18	21s 9	0n40	21s35	0s42	16s12	1s28	14s30	16s18	3n 4	2n35	12n33		n.a.
T 2	11 43	23 15	3 54	8 47	0 12	25 11	2 27	5 41	0 24	5 13	1 18	21 10	0 40	21 35	0 42	16 12	1 27	14 31	16 17	3 3	2 33	12 36		n.a.
W 3	12 5	27 0	4 40	9 28	0 6	25 20	2 28	5 58	0 23	5 8	1 18	21 12	0 40	21 35	0 42	16 12	1 27	14 31	16 17	3 2	2 32	12 39		n.a.
T 4	12 26	28 51	5 7	10 9	0s 1	25 29	2 29	6 16	0 23	5 4	1 18	21 13	0 40	21 35	0 42	16 12	1 27	14 31	16 17	3 0	2 31	12 42		n.a.
F 5	12 47	28 45	5 14	10 50	0 8	25 37	2 29	6 33	0 22	4 59	1 18	21 14	0 40	21 35	0 42	16 12	1 27	14 31	16 17	2 59	2 30	12 46		n.a.
S 6	13 9	26 55	5 4	11 30	0 14	25 45	2 30	6 50	0 22	4 55	1 19	21 15	0 39	21 34	0 42	16 12	1 27	14 31	16 17	2 58	2 28	12 49		n.a.
S 7	13 29	23 40	4 37	12 9	0 21	25 52	2 30	7 8	0 21	4 51	1 19	21 16	0 39	21 34	0 42	16 12	1 27	14 32	16 16	2 58	2 27	12 52		n.a.
M 8	13 50	19 22	3 58	12 49	0 27	25 57	2 30	7 25	0 20	4 46	1 19	21 17	0 39	21 34	0 42	16 12	1 27	14 32	16 16	2 58	2 26	12 55		n.a.
T 9	14 10	14 22	3 9	13 27	0 33	26 3	2 30	7 42	0 20	4 42	1 19	21 19	0 39	21 34	0 42	16 12	1 27	14 32	16 16	2 59	2 24	12 58		n.a.
W10	14 31	8 54	2 11	14 6	0 39	26 7	2 31	7 59	0 19	4 38	1 19	21 20	0 39	21 33	0 42	16 12	1 27	14 32	16 16	3 0	2 23	13 2		n.a.
T 11	14 51	3 12	1 9	14 43	0 45	26 11	2 31	8 17	0 19	4 34	1 19	21 21	0 39	21 33	0 42	16 12	1 27	14 32	16 16	3 0	2 22	13 5		n.a.
F 12	15 10	2n34	0 5	15 20	0 51	26 14	2 30	8 34	0 18	4 29	1 19	21 22	0 39	21 33	0 42	16 12	1 27	14 32	16 15	3 1	2 21	13 8		n.a.
S 13	15 30	8 13	0n59	15 56	0 57	26 16	2 30	8 51	0 17	4 25	1 20	21 23	0 39	21 32	0 41	16 12	1 27	14 33	16 15	3 0	2 19	13 11		n.a.
S 14	15 49	13 35	2 1	16 32	1 3	26 17	2 30	9 8	0 17	4 21	1 20	21 24	0 39	21 32	0 41	16 12	1 27	14 33	16 15	3 0	2 18	13 14		n.a.
M15	16 8	18 29	2 57	17 7	1 8	26 18	2 29	9 25	0 16	4 17	1 20	21 26	0 39	21 32	0 41	16 12	1 27	14 33	16 15	2 58	2 17	13 17		n.a.
T 16	16 26	22 41	3 46	17 41	1 14	26 18	2 29	9 42	0 16	4 13	1 20	21 27	0 38	21 31	0 41	16 12	1 27	14 33	16 14	2 55	2 16	13 21		n.a.
W17	16 44	25 59	4 25	18 14	1 19	26 17	2 28	9 58	0 15	4 9	1 20	21 28	0 38	21 31	0 41	16 12	1 27	14 33	16 14	2 53	2 14	13 24		n.a.
T 18	17 2	28 8	4 53	18 47	1 24	26 16	2 27	10 15	0 14	4 5	1 20	21 29	0 38	21 31	0 41	16 12	1 27	14 33	16 14	2 49	2 13	13 27		n.a.
F 19	17 20	28 57	5 7	19 19	1 29	26 14	2 26	10 32	0 14	4 1	1 21	21 30	0 38	21 30	0 41	16 12	1 27	14 33	16 14	2 46	2 12	13 30		n.a.
S 20	17 37	28 19	5 8	19 49	1 33	26 11	2 25	10 48	0 13	3 57	1 21	21 31	0 38	21 30	0 41	16 12	1 27	14 33	16 13	2 44	2 10	13 33		n.a.
S 21	17 54	26 12	4 53	20 19	1 38	26 7	2 23	11 5	0 12	3 53	1 21	21 32	0 38	21 30	0 41	16 12	1 27	14 33	16 13	2 42	2 9	13 36		n.a.
M22	18 11	22 42	4 24	20 48	1 42	26 3	2 22	11 21	0 12	3 50	1 21	21 34	0 38	21 29	0 41	16 11	1 27	14 33	16 13	2 41	2 8	13 40		n.a.
T 23	18 28	17 59	3 39	21 16	1 45	25 57	2 20	11 38	0 11	3 46	1 21	21 35	0 38	21 29	0 41	16 11	1 27	14 33	16 12	2 40	2 7	13 43		n.a.
W24	18 44	12 16	2 42	21 42	1 49	25 52	2 19	11 54	0 10	3 42	1 21	21 36	0 38	21 29	0 41	16 11	1 27	14 33	16 12	2 41	2 5	13 46		n.a.
T 25	18 59	5 47	1 33	22 8	1 52	25 45	2 17	12 10	0 10	3 39	1 22	21 37	0 38	21 28	0 41	16 11	1 27	14 33	16 12	2 41	2 4	13 49		n.a.
F 26	19 15	1s 9	0 17	22 32	1 55	25 38	2 15	12 26	0 9	3 35	1 22	21 38	0 38	21 28	0 41	16 11	1 27	14 33	16 12	2 42	2 3	13 52		n.a.
S 27	19 30	8 12	1s 2	22 55	1 58	25 30	2 13	12 42	0 8	3 31	1 22	21 39	0 37	21 27	0 41	16 10	1 26	14 33	16 11	2 41	2 1	13 55		n.a.
S 28	19 44	14 56	2 18	23 17	2 0	25 21	2 11	12 58	0 8	3 28	1 22	21 40	0 37	21 27	0 41	16 10	1 26	14 33	16 11	2 40	2 0	13 58		n.a.
M29	19 59	20 50	3 25	23 37	2 2	25 12	2 8	13 14	0 7	3 24	1 22	21 42	0 37	21 26	0 41	16 10	1 26	14 33	16 11	2 38	1 59	14 1		n.a.
T 30	20s12	25s23	4s17	23s56	2s 3	25s 2	2s 6	13s30	0n 6	3n21	1n23	21s43	0n37	21s26	0s41	16s10	1s26	14s33	16s10	2n35	1n58	14n 5		n.a.

Julian Day Number = 1318491.5, Delta T = 07h35m05s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'13, Lahiri = -19°11'13 Julian Calendar 1 Nov. 1104 BCE == Greg. Calendar 21 Oct. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1104 BCE
geocentric

DECEMBER 1104 BCE (-1103) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 57 45	29♏46'51	18♐24	9♐ 4	16♑16	6♏19	24♍58	10♐13	28♑41	20♒47	0°R31	6°R16	4♈48	0♉59	n.a.	W 1
T 2	4 1 41	0♐48'09	3♑ 1	10°44	17°21	7° 3	25° 7	10°20	28°43	20°48	0♈31	6♈ 7	4°45	1° 5	n.a.	T 2
F 3	4 5 38	1°49'26	17°13	12°23	18°27	7°48	25°15	10°27	28°46	20°49	0°30	5°59	4°42	1°12	n.a.	F 3
S 4	4 9 34	2°50'42	0♒55	14° 2	19°32	8°32	25°24	10°34	28°48	20°49	0°30	5°52	4°39	1°19	n.a.	S 4
S 5	4 13 31	3°51'58	14° 8	15°42	20°37	9°17	25°32	10°41	28°50	20°50	0°29	5°48	4°36	1°25	n.a.	S 5
M 6	4 17 27	4°53'12	26°55	17°21	21°41	10° 2	25°40	10°48	28°52	20°51	0°29	5°46	4°32	1°32	n.a.	M 6
T 7	4 21 24	5°54'26	9♓19	19° 0	22°45	10°46	25°48	10°55	28°55	20°52	0°29	5°D46	4°29	1°39	n.a.	T 7
W 8	4 25 20	6°55'39	21°25	20°38	23°49	11°31	25°56	11° 2	28°57	20°53	0°28	5°46	4°26	1°45	n.a.	W 8
T 9	4 29 17	7°56'50	3♈20	22°15	24°52	12°16	26° 4	11° 9	29° 0	20°54	0°28	5°R47	4°23	1°52	n.a.	T 9
F 10	4 33 14	8°58'01	15° 9	23°52	25°56	13° 0	26°12	11°16	29° 2	20°54	0°28	5°47	4°20	1°59	n.a.	F 10
S 11	4 37 10	9°59'11	26°55	25°27	26°58	13°45	26°19	11°23	29° 5	20°55	0°27	5°44	4°17	2° 5	n.a.	S 11
S 12	4 41 7	11° 0'20	8♉44	27° 1	28° 1	14°30	26°27	11°31	29° 7	20°56	0°27	5°39	4°13	2°12	n.a.	S 12
M13	4 45 3	12° 1'28	20°38	28°33	29° 3	15°15	26°34	11°38	29°10	20°58	0°27	5°31	4°10	2°19	n.a.	M13
T 14	4 49 0	13° 2'35	2♊40	0♑ 2	0♒ 4	16° 0	26°41	11°45	29°12	20°59	0°26	5°21	4° 7	2°25	n.a.	T 14
W15	4 52 56	14° 3'41	14°51	1°29	1° 6	16°45	26°48	11°52	29°15	21° 0	0°26	5° 8	4° 4	2°32	n.a.	W15
T 16	4 56 53	15° 4'46	27°13	2°52	2° 6	17°30	26°55	11°59	29°17	21° 1	0°26	4°55	4° 1	2°39	n.a.	T 16
F 17	5 0 50	16° 5'51	9♋45	4°12	3° 7	18°15	27° 2	12° 6	29°20	21° 2	0°26	4°42	3°57	2°45	n.a.	F 17
S 18	5 4 46	17° 6'54	22°28	5°26	4° 7	19° 0	27° 8	12°13	29°23	21° 3	0°26	4°30	3°54	2°52	n.a.	S 18
S 19	5 8 43	18° 7'57	5♌22	6°36	5° 6	19°45	27°15	12°20	29°26	21° 4	0°26	4°21	3°51	2°59	n.a.	S 19
M20	5 12 39	19° 8'58	18°28	7°39	6° 5	20°30	27°21	12°27	29°28	21° 6	0°25	4°15	3°48	3° 5	n.a.	M20
T 21	5 16 36	20° 9'59	1♍46	8°35	7° 3	21°15	27°27	12°34	29°31	21° 7	0°25	4°11	3°45	3°12	n.a.	T 21
W22	5 20 32	21°10'59	15°19	9°23	8° 1	22° 0	27°33	12°41	29°34	21° 8	0°25	4°10	3°42	3°19	n.a.	W22
T 23	5 24 29	22°11'58	29° 7	10° 3	8°59	22°45	27°39	12°49	29°37	21°10	0°25	4°10	3°38	3°25	n.a.	T 23
F 24	5 28 25	23°12'56	13♎12	10°33	9°56	23°31	27°44	12°56	29°40	21°11	0°25	4°10	3°35	3°32	n.a.	F 24
S 25	5 32 22	24°13'53	27°34	10°53	10°52	24°16	27°50	13° 3	29°43	21°12	0°D25	4° 8	3°32	3°39	n.a.	S 25
S 26	5 36 19	25°14'49	12♏ 9	11°R 3	11°48	25° 1	27°55	13°10	29°46	21°14	0°25	4° 4	3°29	3°45	n.a.	S 26
M27	5 40 15	26°15'44	26°54	11° 2	12°43	25°47	28° 0	13°17	29°49	21°15	0°25	3°57	3°26	3°52	n.a.	M27
T 28	5 44 12	27°16'38	11♐43	10°49	13°37	26°32	28° 5	13°24	29°52	21°17	0°25	3°47	3°23	3°59	n.a.	T 28
W29	5 48 8	28°17'30	26°25	10°25	14°31	27°17	28°10	13°31	29°55	21°18	0°25	3°35	3°19	4° 5	n.a.	W29
T 30	5 52 5	29°18'22	10♑55	9°51	15°24	28° 3	28°15	13°38	29°58	21°20	0°25	3°23	3°16	4°12	n.a.	T 30
F 31	5 56 1	0♑19'11	25♑ 3	9♑ 8	16♒16	28♏48	28♍19	13♐44	0♒ 1	21♒21	0♈26	3♈11	3♈13	4♉19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20s26	28s 9	4s51	24s13	2s 5	24s52	2s 3	13s45	0n 6	3n18	1n23	21s44	0n37	21s26	0s41	16s10	1s26	14s33	16s10	2n32	1n56	14n 8			n.a.
T 2	20 39	28 53	5 5	24 29	2 5	24 40	2 0	14 1	0 5	3 14	1 23	21 45	0 37	21 25	0 41	16 9	1 26	14 33	16 10	2 28	1 55	14 11			n.a.
F 3	20 52	27 39	5 0	24 43	2 5	24 28	1 58	14 16	0 4	3 11	1 23	21 46	0 37	21 25	0 41	16 9	1 26	14 33	16 9	2 25	1 54	14 14			n.a.
S 4	21 4	24 47	4 37	24 55	2 5	24 16	1 54	14 31	0 4	3 8	1 23	21 47	0 37	21 24	0 41	16 9	1 26	14 33	16 9	2 22	1 53	14 17			n.a.
S 5	21 16	20 41	4 1	25 6	2 4	24 3	1 51	14 46	0 3	3 5	1 24	21 48	0 37	21 24	0 41	16 8	1 26	14 32	16 9	2 20	1 51	14 20			n.a.
M 6	21 27	15 45	3 13	25 15	2 3	23 49	1 48	15 1	0 2	3 2	1 24	21 49	0 37	21 23	0 41	16 8	1 26	14 32	16 8	2 20	1 50	14 23			n.a.
T 7	21 39	10 19	2 17	25 22	2 0	23 35	1 44	15 16	0 2	2 58	1 24	21 50	0 37	21 23	0 41	16 8	1 26	14 32	16 8	2 19	1 49	14 26			n.a.
W 8	21 49	4 37	1 16	25 27	1 58	23 20	1 41	15 31	0 1	2 55	1 24	21 52	0 37	21 22	0 41	16 7	1 26	14 32	16 8	2 20	1 47	14 29			n.a.
T 9	21 59	1n 9	0 13	25 30	1 54	23 5	1 37	15 46	0 0	2 52	1 24	21 53	0 36	21 21	0 41	16 7	1 26	14 32	16 7	2 20	1 46	14 33			n.a.
F 10	22 9	6 49	0n50	25 31	1 50	22 49	1 33	16 0	0s 1	2 50	1 25	21 54	0 36	21 21	0 41	16 7	1 26	14 32	16 7	2 20	1 45	14 36			n.a.
S 11	22 19	12 15	1 50	25 30	1 45	22 33	1 29	16 15	0 1	2 47	1 25	21 55	0 36	21 20	0 41	16 6	1 26	14 31	16 7	2 19	1 44	14 39			n.a.
S 12	22 27	17 15	2 46	25 27	1 40	22 16	1 24	16 29	0 2	2 44	1 25	21 56	0 36	21 20	0 41	16 6	1 26	14 31	16 6	2 17	1 42	14 42			n.a.
M13	22 36	21 39	3 35	25 22	1 33	21 59	1 20	16 43	0 3	2 41	1 25	21 57	0 36	21 19	0 41	16 6	1 26	14 31	16 6	2 14	1 41	14 45			n.a.
T 14	22 44	25 11	4 14	25 15	1 26	21 41	1 15	16 57	0 3	2 39	1 26	21 58	0 36	21 19	0 41	16 5	1 26	14 31	16 6	2 9	1 40	14 48			n.a.
W15	22 52	27 38	4 43	25 6	1 17	21 23	1 10	17 11	0 4	2 36	1 26	21 59	0 36	21 18	0 41	16 5	1 26	14 31	16 5	2 4	1 38	14 51			n.a.
T 16	22 59	28 46	4 59	24 56	1 8	21 4	1 6	17 24	0 5	2 33	1 26	22 0	0 36	21 18	0 41	16 5	1 26	14 30	16 5	1 59	1 37	14 54			n.a.
F 17	23 5	28 27	5 0	24 43	0 58	20 45	1 0	17 38	0 6	2 31	1 26	22 1	0 36	21 17	0 41	16 4	1 26	14 30	16 5	1 54	1 36	14 57			n.a.
S 18	23 12	26 38	4 47	24 29	0 46	20 26	0 55	17 51	0 6	2 29	1 26	22 2	0 36	21 16	0 41	16 4	1 26	14 30	16 4	1 49	1 35	15 0			n.a.
S 19	23 17	23 25	4 19	24 13	0 34	20 6	0 50	18 4	0 7	2 26	1 27	22 3	0 36	21 16	0 41	16 3	1 26	14 30	16 4	1 45	1 33	15 3			n.a.
M20	23 23	18 58	3 37	23 57	0 20	19 46	0 44	18 17	0 8	2 24	1 27	22 4	0 36	21 15	0 41	16 3	1 26	14 29	16 4	1 43	1 32	15 6			n.a.
T 21	23 27	13 32	2 43	23 39	0 6	19 26	0 38	18 30	0 9	2 22	1 27	22 5	0 36	21 15	0 41	16 2	1 26	14 29	16 3	1 41	1 31	15 9			n.a.
W22	23 32	7 23	1 38	23 20	0n 9	19 5	0 32	18 43	0 9	2 19	1 27	22 6	0 36	21 14	0 41	16 2	1 26	14 29	16 3	1 41	1 29	15 12			n.a.
T 23	23 36	0 46	0 27	23 1	0 25	18 44	0 26	18 55	0 10	2 17	1 28	22 7	0 36	21 13	0 40	16 1	1 25	14 29	16 3	1 41	1 28	15 16			n.a.
F 24	23 39	6s 2	0s48	22 42	0 42	18 22	0 20	19 8	0 11	2 15	1 28	22 8	0 35	21 13	0 40	16 1	1 25	14 28	16 2	1 41	1 27	15 19			n.a.
S 25	23 42	12 39	2 0	22 23	1 0	18 1	0 14	19 20	0 11	2 13	1 28	22 9	0 35	21 12	0 40	16 0	1 25	14 28	16 2	1 40	1 26	15 22			n.a.
S 26	23 44	18 41	3 6	22 4	1 18	17 39	0 7	19 32	0 12	2 11	1 28	22 10	0 35	21 11	0 40	16 0	1 25	14 28	16 2	1 39	1 24	15 25			n.a.
M27	23 46	23 41	4 0	21 46	1 36	17 17	0 0	19 43	0 13	2 10	1 29	22 11	0 35	21 11	0 40	15 59	1 25	14 27	16 1	1 36	1 23	15 28			n.a.
T 28	23 48	27 9	4 38	21 29	1 54	16 54	0n 6	19 55	0 14	2 8	1 29	22 12	0 35	21 10	0 40	15 59	1 25	14 27	16 1	1 32	1 22	15 31			n.a.
W29	23 49	28 44	4 58	21 13	2 12	16 32	0 14	20 6	0 14	2 6	1 29	22 13	0 35	21 9	0 40	15 58	1 25	14 27	16 1	1 27	1 20	15 34			n.a.
T 30	23 50	28 19	4 58	20 58	2 30	16 9	0 21	20 18	0 15	2 4	1 29	22 14	0 35	21 9	0 40	15 58	1 25	14 26	16 0	1 22	1 19	15 37			n.a.
F 31	23s50	26s 2	4s39	20s45	2n46	15s46	0n28	20s29	0s16	2n 3	1n30	22s14	0n35	21s 8	0s40	15s57	1s25	14s26	16s 0	1n17	1n18	15n40			n.a.

Julian Day Number = 1318521.5, Delta T = 07h35m03s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'09, Lahiri = -19°11'09 Julian Calendar 1 Dec. 1104 BCE == Greg. Calendar 20 Nov. 1104 BCE

The year -1103 astronomical counting style corresponds to year 1104 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

JANUARY 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 58	1♉19'59	8♒47	8°R15	17♒ 8	29♏34	28♍23	13♐51	0♒ 4	21♒23	0♈26	3°R 1	3♈10	4♉25	n.a.	S 1
S 2	6 3 55	2°20'46	22° 3	7♉15	17°59	0♐19	28°27	13°58	0° 7	21°25	0°26	2♈54	3° 7	4°32	n.a.	S 2
M 3	6 7 51	3°21'30	4♓54	6°10	18°49	1° 5	28°31	14° 5	0°10	21°26	0°26	2°49	3° 3	4°39	n.a.	M 3
T 4	6 11 48	4°22'13	17°22	5° 2	19°38	1°50	28°35	14°12	0°13	21°28	0°26	2°47	3° 0	4°45	n.a.	T 4
W 5	6 15 44	5°22'54	29°32	3°51	20°26	2°36	28°39	14°19	0°16	21°30	0°26	2°47	2°57	4°52	n.a.	W 5
T 6	6 19 41	6°23'33	11♈29	2°41	21°14	3°21	28°42	14°26	0°20	21°31	0°27	2°47	2°54	4°59	n.a.	T 6
F 7	6 23 37	7°24'10	23°18	1°33	22° 0	4° 7	28°46	14°32	0°23	21°33	0°27	2°46	2°51	5° 5	n.a.	F 7
S 8	6 27 34	8°24'45	5♉ 6	0°29	22°46	4°53	28°49	14°39	0°26	21°35	0°27	2°43	2°48	5°12	n.a.	S 8
S 9	6 31 30	9°25'18	16°57	29♐29	23°30	5°38	28°51	14°46	0°29	21°37	0°28	2°38	2°44	5°19	n.a.	S 9
M10	6 35 27	10°25'49	28°55	28°36	24°14	6°24	28°54	14°52	0°33	21°38	0°28	2°30	2°41	5°25	n.a.	M10
T 11	6 39 24	11°26'19	11♊ 4	27°49	24°56	7°10	28°57	14°59	0°36	21°40	0°28	2°20	2°38	5°32	n.a.	T 11
W12	6 43 20	12°26'46	23°27	27° 9	25°37	7°56	28°59	15° 6	0°39	21°42	0°29	2° 7	2°35	5°39	n.a.	W12
T 13	6 47 17	13°27'12	6♋ 3	26°37	26°17	8°41	29° 1	15°12	0°42	21°44	0°29	1°54	2°32	5°45	n.a.	T 13
F 14	6 51 13	14°27'36	18°54	26°13	26°56	9°27	29° 3	15°19	0°46	21°46	0°30	1°40	2°29	5°52	n.a.	F 14
S 15	6 55 10	15°27'58	1♌58	25°56	27°33	10°13	29° 5	15°25	0°49	21°48	0°30	1°28	2°25	5°59	n.a.	S 15
S 16	6 59 6	16°28'18	15°13	25°46	28° 9	10°59	29° 7	15°32	0°52	21°50	0°30	1°19	2°22	6° 5	n.a.	S 16
M17	7 3 3	17°28'36	28°40	25°D44	28°44	11°45	29° 8	15°38	0°56	21°52	0°31	1°12	2°19	6°12	n.a.	M17
T 18	7 6 59	18°28'53	12♍16	25°48	29°17	12°30	29° 9	15°45	0°59	21°53	0°31	1° 8	2°16	6°19	n.a.	T 18
W19	7 10 56	19°29'08	26° 0	25°58	29°49	13°16	29°10	15°51	1° 2	21°55	0°32	1°D 7	2°13	6°25	n.a.	W19
T 20	7 14 53	20°29'21	9♎53	26°15	0♓19	14° 2	29°11	15°57	1° 6	21°57	0°33	1° 7	2° 9	6°32	n.a.	T 20
F 21	7 18 49	21°29'33	23°54	26°37	0°47	14°48	29°12	16° 3	1° 9	21°59	0°33	1°R 7	2° 6	6°39	n.a.	F 21
S 22	7 22 46	22°29'43	8♏ 3	27° 4	1°14	15°34	29°12	16°10	1°13	22° 1	0°34	1° 6	2° 3	6°45	n.a.	S 22
S 23	7 26 42	23°29'51	22°18	27°36	1°39	16°20	29°13	16°16	1°16	22° 3	0°34	1° 3	2° 0	6°52	n.a.	S 23
M24	7 30 39	24°29'58	6♐38	28°12	2° 3	17° 6	29°R13	16°22	1°19	22° 6	0°35	0°58	1°57	6°59	n.a.	M24
T 25	7 34 35	25°30'03	20°59	28°53	2°24	17°52	29°13	16°28	1°23	22° 8	0°36	0°49	1°54	7° 5	n.a.	T 25
W26	7 38 32	26°30'06	5♑15	29°38	2°44	18°38	29°13	16°34	1°26	22°10	0°36	0°39	1°50	7°12	n.a.	W26
T 27	7 42 28	27°30'08	19°21	0♑26	3° 1	19°24	29°12	16°40	1°30	22°12	0°37	0°29	1°47	7°19	n.a.	T 27
F 28	7 46 25	28°30'07	3♒11	1°17	3°17	20°10	29°11	16°46	1°33	22°14	0°38	0°18	1°44	7°25	n.a.	F 28
S 29	7 50 22	29°30'04	16°42	2°12	3°30	20°56	29°11	16°52	1°37	22°16	0°38	0°10	1°41	7°32	n.a.	S 29
S 30	7 54 18	0♒29'59	29°52	3° 9	3°42	21°42	29°10	16°58	1°40	22°18	0°39	0° 3	1°38	7°39	n.a.	S 30
M31	7 58 15	1♒29'51	12♓40	4♑ 9	3♓51	22♐28	29♍ 8	17♐ 3	1♒43	22♒20	0♈40	29♓59	1♈35	7♉45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	22s17	4s 4	20s34	3n 1	15s23	0n36	20s39	0s17	2n 1	1n30	22s15	0n35	21s 7	0s40	15s57	1s25	14s25	15s59	1n13	1n17	15n43		n.a.
S 2	23 48	17 29	3 17	20 24	3 14	15 0	0 44	20 50	0 18	2 0	1 30	22 16	0 35	21 7	0 40	15 56	1 25	14 25	15 59	1 10	1 15	15 46		n.a.
M 3	23 47	12 3	2 22	20 16	3 25	14 37	0 52	21 0	0 18	1 58	1 30	22 17	0 35	21 6	0 40	15 56	1 25	14 25	15 59	1 8	1 14	15 49		n.a.
T 4	23 45	6 18	1 21	20 10	3 34	14 13	1 0	21 11	0 19	1 57	1 31	22 18	0 35	21 5	0 40	15 55	1 25	14 24	15 58	1 7	1 13	15 52		n.a.
W 5	23 43	0 27	0 17	20 5	3 41	13 50	1 8	21 21	0 20	1 56	1 31	22 19	0 35	21 5	0 40	15 55	1 25	14 24	15 58	1 7	1 12	15 55		n.a.
T 6	23 40	5n19	0n46	20 2	3 46	13 27	1 16	21 30	0 21	1 55	1 31	22 20	0 35	21 4	0 40	15 54	1 25	14 23	15 58	1 7	1 10	15 58		n.a.
F 7	23 37	10 50	1 46	20 1	3 48	13 4	1 25	21 40	0 21	1 54	1 31	22 21	0 35	21 3	0 40	15 53	1 25	14 23	15 57	1 7	1 9	16 1		n.a.
S 8	23 33	15 58	2 42	20 2	3 48	12 40	1 34	21 49	0 22	1 53	1 32	22 21	0 35	21 2	0 40	15 53	1 25	14 23	15 57	1 6	1 8	16 4		n.a.
S 9	23 29	20 32	3 31	20 4	3 46	12 17	1 43	21 58	0 23	1 52	1 32	22 22	0 35	21 2	0 40	15 52	1 25	14 22	15 57	1 4	1 6	16 7		n.a.
M10	23 25	24 19	4 11	20 8	3 42	11 54	1 52	22 7	0 24	1 51	1 32	22 23	0 34	21 1	0 40	15 52	1 25	14 22	15 56	1 1	1 5	16 10		n.a.
T 11	23 20	27 5	4 40	20 13	3 36	11 31	2 1	22 16	0 24	1 50	1 33	22 24	0 34	21 0	0 40	15 51	1 25	14 21	15 56	0 56	1 4	16 13		n.a.
W12	23 14	28 36	4 57	20 19	3 29	11 8	2 11	22 24	0 25	1 49	1 33	22 25	0 34	21 0	0 40	15 50	1 25	14 21	15 56	0 51	1 3	16 16		n.a.
T 13	23 8	28 40	4 59	20 27	3 20	10 46	2 20	22 32	0 26	1 49	1 33	22 25	0 34	20 59	0 40	15 50	1 25	14 20	15 55	0 46	1 1	16 19		n.a.
F 14	23 2	27 12	4 47	20 36	3 11	10 23	2 30	22 40	0 27	1 48	1 33	22 26	0 34	20 58	0 40	15 49	1 25	14 20	15 55	0 41	1 0	16 22		n.a.
S 15	22 55	24 15	4 19	20 45	3 1	10 1	2 40	22 48	0 27	1 48	1 34	22 27	0 34	20 57	0 40	15 48	1 25	14 19	15 55	0 36	0 59	16 25		n.a.
S 16	22 48	19 59	3 37	20 56	2 50	9 39	2 50	22 55	0 28	1 47	1 34	22 28	0 34	20 57	0 40	15 48	1 25	14 19	15 54	0 32	0 57	16 28		n.a.
M17	22 40	14 40	2 43	21 7	2 38	9 17	3 1	23 2	0 29	1 47	1 34	22 28	0 34	20 56	0 40	15 47	1 25	14 18	15 54	0 29	0 56	16 31		n.a.
T 18	22 32	8 35	1 38	21 19	2 27	8 56	3 11	23 9	0 30	1 47	1 34	22 29	0 34	20 55	0 40	15 46	1 25	14 18	15 54	0 28	0 55	16 34		n.a.
W19	22 23	2 2	0 27	21 31	2 15	8 35	3 22	23 16	0 31	1 47	1 35	22 30	0 34	20 54	0 40	15 46	1 25	14 17	15 53	0 27	0 54	16 36		n.a.
T 20	22 14	4s41	0s46	21 44	2 3	8 14	3 32	23 23	0 31	1 46	1 35	22 31	0 34	20 54	0 40	15 45	1 25	14 17	15 53	0 27	0 52	16 39		n.a.
F 21	22 5	11 14	1 58	21 57	1 50	7 54	3 43	23 29	0 32	1 46	1 35	22 31	0 34	20 53	0 40	15 44	1 25	14 16	15 53	0 27	0 51	16 42		n.a.
S 22	21 55	17 18	3 3	22 9	1 38	7 34	3 54	23 35	0 33	1 46	1 35	22 32	0 34	20 52	0 40	15 44	1 25	14 16	15 52	0 27	0 50	16 45		n.a.
S 23	21 45	22 27	3 57	22 22	1 26	7 15	4 5	23 40	0 34	1 47	1 36	22 33	0 34	20 51	0 40	15 43	1 25	14 15	15 52	0 26	0 48	16 48		n.a.
M24	21 34	26 18	4 36	22 34	1 15	6 56	4 16	23 46	0 35	1 47	1 36	22 33	0 34	20 51	0 40	15 42	1 25	14 15	15 52	0 23	0 47	16 51		n.a.
T 25	21 23	28 29	4 58	22 46	1 3	6 38	4 28	23 51	0 35	1 47	1 36	22 34	0 34	20 50	0 40	15 42	1 25	14 14	15 51	0 20	0 46	16 54		n.a.
W26	21 12	28 45	5 2	22 58	0 52	6 20	4 39	23 56	0 36	1 47	1 36	22 35	0 34	20 49	0 40	15 41	1 25	14 14	15 51	0 16	0 45	16 57		n.a.
T 27	21 0	27 8	4 47	23 9	0 40	6 3	4 50	24 1	0 37	1 48	1 37	22 35	0 34	20 48	0 40	15 40	1 25	14 13	15 51	0 12	0 43	17 0		n.a.
F 28	20 48	23 53	4 15	23 20	0 29	5 47	5 2	24 5	0 38	1 48	1 37	22 36	0 34	20 47	0 40	15 39	1 25	14 12	15 50	0 7	0 42	17 3		n.a.
S 29	20 35	19 24	3 29	23 30	0 19	5 31	5 13	24 9	0 38	1 49	1 37	22 37	0 34	20 47	0 40	15 39	1 25	14 12	15 50	0 4	0 41	17 6		n.a.
S 30	20 22	14 6	2 34	23 39	0 8	5 17	5 25	24 13	0 39	1 50	1 38	22 37	0 34	20 46	0 40	15 38	1 25	14 11	15 50	0 1	0 39	17 9		n.a.
M31	20s 9	8s19	1s31	23s48	0s 2	5s 3	5n36	24s17	0s40	1n50	1n38	22s38	0n34	20s45	0s40	15s37	1s25	14s11	15s49	0s 0	0n38	17n12		n.a.

Julian Day Number = 1318552.5, Delta T = 07h35m02s
Ecliptic obliquity = 23°49'43, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'05, Lahiri = -19°11'05 Julian Calendar 1 Jan. 1103 BCE == Greg. Calendar 21 Dec. 1104 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

FEBRUARY 1103 BCE (-1102) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s55	2s22	0s26	23s55	0s12	4s50	5n48	24s20	0s41	1n51	1n38	22s38	0n33	20s44	0s40	15s37	1s25	14s10	15s49	0s 1	0n37	17n14		n.a.
W 2	19 41	3n33	0n39	24 2	0 21	4 37	5 59	24 23	0 42	1 52	1 38	22 39	0 33	20 44	0 40	15 36	1 25	14 9	15 49	0 1	0 36	17 17		n.a.
T 3	19 27	9 14	1 42	24 7	0 30	4 26	6 10	24 26	0 42	1 53	1 39	22 40	0 33	20 43	0 40	15 35	1 25	14 9	15 49	0 1	0 34	17 20		n.a.
F 4	19 12	14 33	2 39	24 12	0 39	4 16	6 21	24 28	0 43	1 54	1 39	22 40	0 33	20 42	0 40	15 34	1 25	14 8	15 48	0 0	0 33	17 23		n.a.
S 5	18 57	19 19	3 30	24 15	0 47	4 7	6 32	24 30	0 44	1 55	1 39	22 41	0 33	20 41	0 40	15 34	1 25	14 8	15 48	0 0	0 32	17 26		n.a.
S 6	18 42	23 21	4 12	24 17	0 55	3 59	6 43	24 32	0 45	1 56	1 39	22 41	0 33	20 40	0 40	15 33	1 25	14 7	15 48	0 1	0 30	17 29		n.a.
M 7	18 26	26 27	4 43	24 18	1 3	3 52	6 54	24 34	0 45	1 57	1 39	22 42	0 33	20 40	0 40	15 32	1 25	14 6	15 47	0 3	0 29	17 32		n.a.
T 8	18 11	28 23	5 2	24 18	1 10	3 46	7 4	24 35	0 46	1 59	1 40	22 42	0 33	20 39	0 40	15 31	1 25	14 6	15 47	0 5	0 28	17 35		n.a.
W 9	17 54	28 56	5 7	24 16	1 17	3 42	7 14	24 37	0 47	2 0	1 40	22 43	0 33	20 38	0 40	15 31	1 25	14 5	15 47	0 8	0 27	17 38		n.a.
T 10	17 38	27 57	4 57	24 13	1 24	3 38	7 23	24 37	0 48	2 1	1 40	22 43	0 33	20 37	0 40	15 30	1 25	14 5	15 47	0 12	0 25	17 40		n.a.
F 11	17 21	25 26	4 31	24 8	1 30	3 36	7 32	24 38	0 48	2 3	1 40	22 44	0 33	20 37	0 40	15 29	1 25	14 4	15 46	0 15	0 24	17 43		n.a.
S 12	17 4	21 29	3 51	24 2	1 36	3 36	7 41	24 38	0 49	2 5	1 41	22 44	0 33	20 36	0 40	15 28	1 25	14 3	15 46	0 18	0 23	17 46		n.a.
S 13	16 46	16 20	2 56	23 55	1 41	3 36	7 49	24 38	0 50	2 6	1 41	22 45	0 33	20 35	0 40	15 28	1 25	14 3	15 46	0 21	0 21	17 49		n.a.
M14	16 29	10 16	1 50	23 46	1 46	3 38	7 56	24 38	0 51	2 8	1 41	22 45	0 33	20 34	0 40	15 27	1 25	14 2	15 46	0 22	0 20	17 52		n.a.
T 15	16 11	3 37	0 36	23 36	1 51	3 41	8 3	24 38	0 52	2 10	1 41	22 46	0 33	20 33	0 40	15 26	1 25	14 1	15 45	0 23	0 19	17 55		n.a.
W16	15 53	3s14	0s40	23 24	1 55	3 46	8 9	24 37	0 52	2 11	1 41	22 46	0 33	20 33	0 40	15 25	1 25	14 1	15 45	0 23	0 18	17 57		n.a.
T 17	15 34	9 58	1 55	23 10	1 59	3 52	8 14	24 36	0 53	2 13	1 42	22 47	0 33	20 32	0 40	15 25	1 25	14 0	15 45	0 22	0 16	18 0		n.a.
F 18	15 16	16 13	3 2	22 55	2 2	3 59	8 19	24 34	0 54	2 15	1 42	22 47	0 33	20 31	0 40	15 24	1 25	14 0	15 45	0 22	0 15	18 3		n.a.
S 19	14 57	21 35	3 58	22 38	2 5	4 7	8 23	24 33	0 55	2 17	1 42	22 48	0 33	20 30	0 40	15 23	1 25	13 59	15 44	0 22	0 14	18 6		n.a.
S 20	14 37	25 42	4 40	22 19	2 7	4 17	8 25	24 31	0 55	2 19	1 42	22 48	0 33	20 30	0 40	15 22	1 25	13 58	15 44	0 22	0 13	18 9		n.a.
M21	14 18	28 15	5 4	21 59	2 9	4 27	8 27	24 29	0 56	2 22	1 42	22 48	0 33	20 29	0 40	15 22	1 25	13 58	15 44	0 23	0 11	18 12		n.a.
T 22	13 58	29 0	5 11	21 37	2 11	4 39	8 28	24 26	0 57	2 24	1 43	22 49	0 33	20 28	0 40	15 21	1 25	13 57	15 44	0 24	0 10	18 14		n.a.
W23	13 39	27 55	4 59	21 13	2 12	4 51	8 28	24 23	0 58	2 26	1 43	22 49	0 33	20 27	0 40	15 20	1 25	13 56	15 43	0 26	0 9	18 17		n.a.
T 24	13 19	25 10	4 30	20 47	2 13	5 5	8 28	24 20	0 58	2 28	1 43	22 50	0 33	20 27	0 40	15 19	1 25	13 56	15 43	0 29	0 7	18 20		n.a.
F 25	12 58	21 5	3 47	20 19	2 13	5 19	8 26	24 17	0 59	2 31	1 43	22 50	0 33	20 26	0 40	15 19	1 25	13 55	15 43	0 31	0 6	18 23		n.a.
S 26	12 38	16 2	2 52	19 50	2 12	5 34	8 23	24 13	1 0	2 33	1 43	22 50	0 33	20 25	0 40	15 18	1 25	13 54	15 43	0 32	0 5	18 26		n.a.
S 27	12 17	10 22	1 50	19 19	2 11	5 50	8 19	24 10	1 0	2 35	1 43	22 51	0 33	20 24	0 40	15 17	1 25	13 54	15 43	0 34	0 4	18 28		n.a.
M28	11s57	4s25	0s43	18s46	2s10	6s 6	8n15	24s 6	1s 1	2n38	1n44	22s51	0n33	20s24	0s41	15s16	1s25	13s53	15s42	0s34	0n 2	18n31		n.a.

Julian Day Number = 1318583.5, Delta T = 07h35m00s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°18'01, Lahiri = -19°11'00 Julian Calendar 1 Feb. 1103 BCE == Greg. Calendar 21 Jan. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

MARCH 1103 BCE (-1102) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 35	0♓10'02	3♈ 2	16♒28	22°R57	14♉47	27°R18	19♐23	3♒20	23♒25	1♈ 9	28°D35	0♈ 2	10♉59	n.a.	T 1
W 2	9 56 31	1° 8'49	15°10	18°18	22♒22	15°33	27♍11	19°27	3°23	23°27	1°10	28♓36	29♓59	11° 6	n.a.	W 2
T 3	10 0 28	2° 7'34	27° 8	20° 9	21°49	16°19	27° 5	19°30	3°26	23°30	1°11	28°37	29°56	11°12	n.a.	T 3
F 4	10 4 24	3° 6'17	9♉ 0	22° 2	21°17	17° 5	26°59	19°34	3°29	23°32	1°13	28°39	29°53	11°19	n.a.	F 4
S 5	10 8 21	4° 4'58	20°51	23°56	20°46	17°51	26°52	19°37	3°32	23°34	1°14	28°40	29°50	11°26	n.a.	S 5
S 6	10 12 17	5° 3'36	2♊44	25°52	20°18	18°37	26°46	19°41	3°36	23°36	1°15	28°R41	29°46	11°33	n.a.	S 6
M 7	10 16 14	6° 2'12	14°45	27°50	19°51	19°23	26°39	19°44	3°39	23°39	1°16	28°41	29°43	11°39	n.a.	M 7
T 8	10 20 10	7° 0'46	26°58	29°48	19°27	20° 9	26°33	19°47	3°42	23°41	1°17	28°39	29°40	11°46	n.a.	T 8
W 9	10 24 7	7°59'17	9♋28	1♓48	19° 5	20°55	26°26	19°50	3°45	23°43	1°19	28°37	29°37	11°53	n.a.	W 9
T 10	10 28 4	8°57'46	22°19	3°50	18°45	21°41	26°19	19°53	3°47	23°45	1°20	28°35	29°34	11°59	n.a.	T 10
F 11	10 32 0	9°56'13	5♌31	5°53	18°28	22°27	26°12	19°56	3°50	23°47	1°21	28°32	29°31	12° 6	n.a.	F 11
S 12	10 35 57	10°54'37	19° 6	7°57	18°13	23°13	26° 5	19°59	3°53	23°50	1°23	28°29	29°27	12°13	n.a.	S 12
S 13	10 39 53	11°53'00	3♍ 2	10° 2	18° 0	23°59	25°58	20° 2	3°56	23°52	1°24	28°28	29°24	12°19	n.a.	S 13
M14	10 43 50	12°51'20	17°17	12° 8	17°50	24°45	25°50	20° 5	3°59	23°54	1°25	28°27	29°21	12°26	n.a.	M14
T 15	10 47 46	13°49'38	1♎44	14°15	17°42	25°31	25°43	20° 7	4° 2	23°56	1°26	28°D26	29°18	12°33	n.a.	T 15
W16	10 51 43	14°47'55	16°19	16°22	17°37	26°17	25°36	20°10	4° 5	23°58	1°28	28°27	29°15	12°39	n.a.	W16
T 17	10 55 39	15°46'10	0♏56	18°30	17°34	27° 3	25°28	20°12	4° 7	24° 0	1°29	28°28	29°12	12°46	n.a.	T 17
F 18	10 59 36	16°44'23	15°29	20°38	17°D33	27°49	25°21	20°14	4°10	24° 3	1°30	28°29	29° 8	12°53	n.a.	F 18
S 19	11 3 32	17°42'34	29°53	22°46	17°35	28°35	25°13	20°17	4°13	24° 5	1°32	28°29	29° 5	12°59	n.a.	S 19
S 20	11 7 29	18°40'44	14♐ 6	24°54	17°40	29°20	25° 6	20°19	4°16	24° 7	1°33	28°R30	29° 2	13° 6	n.a.	S 20
M21	11 11 26	19°38'53	28° 5	27° 1	17°46	0♒ 6	24°58	20°21	4°18	24° 9	1°34	28°30	28°59	13°13	n.a.	M21
T 22	11 15 22	20°37'00	11♉49	29° 7	17°55	0°52	24°51	20°23	4°21	24°11	1°36	28°29	28°56	13°19	n.a.	T 22
W23	11 19 19	21°35'05	25°18	1♈12	18° 6	1°38	24°43	20°25	4°23	24°13	1°37	28°29	28°52	13°26	n.a.	W23
T 24	11 23 15	22°33'09	8♒32	3°15	18°19	2°23	24°35	20°26	4°26	24°15	1°38	28°28	28°49	13°33	n.a.	T 24
F 25	11 27 12	23°31'11	21°32	5°17	18°34	3° 9	24°28	20°28	4°28	24°17	1°40	28°27	28°46	13°39	n.a.	F 25
S 26	11 31 8	24°29'12	4♓18	7°16	18°51	3°55	24°20	20°30	4°31	24°19	1°41	28°27	28°43	13°46	n.a.	S 26
S 27	11 35 5	25°27'10	16°51	9°13	19°10	4°40	24°12	20°31	4°33	24°21	1°42	28°26	28°40	13°53	n.a.	S 27
M28	11 39 1	26°25'08	29°12	11° 7	19°31	5°26	24° 5	20°33	4°36	24°23	1°44	28°D26	28°37	14° 0	n.a.	M28
T 29	11 42 58	27°23'03	11♈23	12°59	19°53	6°12	23°57	20°34	4°38	24°25	1°45	28°26	28°33	14° 6	n.a.	T 29
W30	11 46 55	28°20'57	23°24	14°48	20°17	6°57	23°50	20°35	4°41	24°27	1°47	28°R26	28°30	14°13	n.a.	W30
T 31	11 50 51	29♓18'48	5♉19	16♈33	20♒43	7♒43	23♍42	20♐36	4♒43	24♒29	1♈48	28♓26	28♓27	14♉20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s36	1n36	0n24	18s11	2s 8	6s23	8n 9	24s 1	1s 2	2n41	1n44	22s51	0n33	20s23	0s41	15s16	1s25	13s52	15s42	0s34	0n 1	18n34			n.a.
W 2	11 15	7 27	1 30	17 35	2 5	6 40	8 3	23 57	1 3	2 43	1 44	22 52	0 33	20 22	0 41	15 15	1 25	13 52	15 42	0 34	0s 0	18 37			n.a.
T 3	10 53	12 57	2 30	16 56	2 2	6 57	7 56	23 52	1 3	2 46	1 44	22 52	0 33	20 22	0 41	15 14	1 25	13 51	15 42	0 33	0 2	18 40			n.a.
F 4	10 32	17 57	3 24	16 16	1 59	7 15	7 48	23 47	1 4	2 48	1 44	22 52	0 32	20 21	0 41	15 13	1 25	13 51	15 42	0 33	0 3	18 42			n.a.
S 5	10 10	22 15	4 9	15 34	1 55	7 32	7 40	23 41	1 5	2 51	1 44	22 53	0 32	20 20	0 41	15 13	1 25	13 50	15 42	0 32	0 4	18 45			n.a.
S 6	9 49	25 40	4 43	14 50	1 50	7 50	7 31	23 36	1 6	2 54	1 44	22 53	0 32	20 19	0 41	15 12	1 25	13 49	15 41	0 32	0 5	18 48			n.a.
M 7	9 27	28 0	5 6	14 4	1 45	8 7	7 21	23 30	1 6	2 57	1 44	22 53	0 32	20 19	0 41	15 11	1 25	13 49	15 41	0 32	0 7	18 51			n.a.
T 8	9 5	29 2	5 15	13 16	1 39	8 24	7 11	23 23	1 7	2 59	1 45	22 53	0 32	20 18	0 41	15 11	1 25	13 48	15 41	0 33	0 8	18 53			n.a.
W 9	8 43	28 37	5 9	12 27	1 33	8 41	7 0	23 17	1 8	3 2	1 45	22 54	0 32	20 17	0 41	15 10	1 25	13 47	15 41	0 33	0 9	18 56			n.a.
T 10	8 20	26 41	4 48	11 36	1 26	8 58	6 49	23 10	1 8	3 5	1 45	22 54	0 32	20 17	0 41	15 9	1 25	13 47	15 41	0 34	0 11	18 59			n.a.
F 11	7 58	23 16	4 12	10 43	1 19	9 14	6 38	23 3	1 9	3 8	1 45	22 54	0 32	20 16	0 41	15 8	1 25	13 46	15 41	0 36	0 12	19 2			n.a.
S 12	7 36	18 30	3 20	9 49	1 11	9 30	6 26	22 56	1 10	3 11	1 45	22 54	0 32	20 15	0 41	15 8	1 25	13 45	15 40	0 37	0 13	19 4			n.a.
S 13	7 13	12 40	2 16	8 54	1 3	9 45	6 15	22 49	1 10	3 14	1 45	22 55	0 32	20 15	0 41	15 7	1 25	13 45	15 40	0 37	0 14	19 7			n.a.
M14	6 50	6 3	1 1	7 57	0 54	9 59	6 2	22 41	1 11	3 17	1 45	22 55	0 32	20 14	0 41	15 6	1 25	13 44	15 40	0 38	0 16	19 10			n.a.
T 15	6 28	0s59	0s18	6 59	0 45	10 13	5 50	22 33	1 12	3 20	1 45	22 55	0 32	20 13	0 41	15 6	1 25	13 44	15 40	0 38	0 17	19 12			n.a.
W16	6 5	8 1	1 37	6 0	0 35	10 27	5 38	22 25	1 12	3 23	1 45	22 55	0 32	20 13	0 41	15 5	1 25	13 43	15 40	0 38	0 18	19 15			n.a.
T 17	5 42	14 38	2 50	5 0	0 25	10 39	5 25	22 17	1 13	3 26	1 45	22 56	0 32	20 12	0 41	15 4	1 25	13 42	15 40	0 37	0 20	19 18			n.a.
F 18	5 19	20 26	3 52	4 0	0 15	10 51	5 13	22 8	1 14	3 29	1 45	22 56	0 32	20 11	0 41	15 3	1 25	13 42	15 40	0 37	0 21	19 21			n.a.
S 19	4 56	24 59	4 38	2 59	0 4	11 3	5 1	22 0	1 14	3 32	1 45	22 56	0 32	20 11	0 41	15 3	1 25	13 41	15 40	0 37	0 22	19 23			n.a.
S 20	4 33	27 56	5 7	1 57	0n 7	11 13	4 48	21 51	1 15	3 35	1 45	22 56	0 32	20 10	0 41	15 2	1 25	13 40	15 40	0 36	0 23	19 26			n.a.
M21	4 10	29 6	5 17	0 56	0 18	11 23	4 36	21 41	1 16	3 38	1 45	22 56	0 32	20 10	0 41	15 1	1 25	13 40	15 39	0 36	0 25	19 29			n.a.
T 22	3 47	28 25	5 8	0n 5	0 29	11 32	4 23	21 32	1 16	3 41	1 45	22 57	0 32	20 9	0 41	15 1	1 25	13 39	15 39	0 37	0 26	19 31			n.a.
W23	3 23	26 3	4 43	1 5	0 40	11 40	4 11	21 22	1 17	3 44	1 45	22 57	0 32	20 8	0 41	15 0	1 25	13 39	15 39	0 37	0 27	19 34			n.a.
T 24	3 0	22 19	4 3	2 5	0 50	11 48	3 59	21 12	1 18	3 47	1 45	22 57	0 32	20 8	0 41	14 59	1 25	13 38	15 39	0 37	0 29	19 37			n.a.
F 25	2 37	17 33	3 11	3 4	1 1	11 54	3 47	21 2	1 18	3 50	1 45	22 57	0 32	20 7	0 41	14 59	1 25	13 37	15 39	0 38	0 30	19 39			n.a.
S 26	2 13	12 6	2 10	4 1	1 12	12 0	3 36	20 52	1 19	3 53	1 45	22 57	0 32	20 7	0 41	14 58	1 25	13 37	15 39	0 38	0 31	19 42			n.a.
S 27	1 50	6 15	1 4	4 58	1 22	12 6	3 24	20 41	1 19	3 56	1 45	22 57	0 32	20 6	0 41	14 57	1 25	13 36	15 39	0 38	0 32	19 45			n.a.
M28	1 27	0 15	0n 4	5 52	1 31	12 10	3 12	20 31	1 20	3 59	1 45	22 57	0 32	20 5	0 41	14 57	1 25	13 36	15 39	0 38	0 34	19 47			n.a.
T 29	1 3	5n40	1 11	6 45	1 41	12 14	3 1	20 20	1 21	4 3	1 45	22 58	0 32	20 5	0 41	14 56	1 25	13 35	15 39	0 38	0 35	19 50			n.a.
W30	0 40	11 18	2 14	7 36	1 49	12 17	2 50	20 9	1 21	4 6	1 45	22 58	0 32	20 4	0 41	14 55	1 25	13 34	15 39	0 38	0 36	19 53			n.a.
T 31	0s17	16n30	3n11	8n25	1n58	12s19	2n39	19s57	1s22	4n 9	1n45	22s58	0n32	20s 4	0s41	14s55	1s25	13s34	15s39	0s38	0s38	19n55			n.a.

Julian Day Number = 1318611.5, Delta T = 07h34m59s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'57, Lahiri = -19°10'56 Julian Calendar 1 March 1103 BCE == Greg. Calendar 18 Feb. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

APRIL 1103 BCE (-1102) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 54 48	0♈16'38	17♉10	18♈15	21♒10	8♒28	23°R34	20♐37	4♒45	24♒31	1♈49	28°R26	28♓24	14♉26	n.a.	F 1
S 2	11 58 44	1°14'27	29° 0	19°54	21°39	9°13	23♍27	20°38	4°47	24°33	1°51	28♓26	28°21	14°33	n.a.	S 2
S 3	12 2 41	2°12'14	10♊53	21°29	22°10	9°59	23°19	20°39	4°50	24°35	1°52	28°26	28°18	14°40	n.a.	S 3
M 4	12 6 37	3° 9'58	22°53	23° 0	22°41	10°44	23°12	20°39	4°52	24°37	1°53	28°25	28°14	14°46	n.a.	M 4
T 5	12 10 34	4° 7'41	5♋ 5	24°28	23°15	11°29	23° 4	20°40	4°54	24°39	1°55	28°D25	28°11	14°53	n.a.	T 5
W 6	12 14 30	5° 5'23	17°33	25°52	23°49	12°15	22°57	20°41	4°56	24°40	1°56	28°25	28° 8	15° 0	n.a.	W 6
T 7	12 18 27	6° 3'02	0♌20	27°13	24°25	13° 0	22°50	20°41	4°58	24°42	1°57	28°26	28° 5	15° 6	n.a.	T 7
F 8	12 22 24	7° 0'40	13°31	28°29	25° 2	13°45	22°43	20°41	5° 0	24°44	1°59	28°27	28° 2	15°13	n.a.	F 8
S 9	12 26 20	7°58'16	27° 8	29°42	25°40	14°30	22°35	20°42	5° 2	24°46	2° 0	28°27	27°58	15°20	n.a.	S 9
S 10	12 30 17	8°55'50	11♍10	0♉50	26°19	15°15	22°28	20°42	5° 4	24°48	2° 2	28°28	27°55	15°26	n.a.	S 10
M11	12 34 13	9°53'23	25°36	1°55	26°59	16° 0	22°21	20°R42	5° 6	24°49	2° 3	28°R28	27°52	15°33	n.a.	M11
T 12	12 38 10	10°50'55	10♎21	2°55	27°40	16°45	22°14	20°42	5° 8	24°51	2° 4	28°28	27°49	15°40	n.a.	T 12
W13	12 42 6	11°48'25	25°18	3°52	28°23	17°30	22° 7	20°41	5° 9	24°53	2° 6	28°27	27°46	15°47	n.a.	W13
T 14	12 46 3	12°45'54	10♏19	4°44	29° 6	18°15	22° 1	20°41	5°11	24°54	2° 7	28°26	27°43	15°53	n.a.	T 14
F 15	12 49 59	13°43'21	25°15	5°31	29°50	19° 0	21°54	20°41	5°13	24°56	2° 8	28°24	27°39	16° 0	n.a.	F 15
S 16	12 53 56	14°40'48	10♐ 0	6°15	0♓35	19°45	21°47	20°40	5°15	24°58	2°10	28°22	27°36	16° 7	n.a.	S 16
S 17	12 57 53	15°38'14	24°26	6°54	1°21	20°30	21°41	20°40	5°16	24°59	2°11	28°21	27°33	16°13	n.a.	S 17
M18	13 1 49	16°35'40	8♑31	7°29	2° 8	21°15	21°35	20°39	5°18	25° 1	2°12	28°20	27°30	16°20	n.a.	M18
T 19	13 5 46	17°33'04	22°13	7°59	2°56	21°59	21°28	20°38	5°19	25° 2	2°14	28°D20	27°27	16°27	n.a.	T 19
W20	13 9 42	18°30'27	5♒34	8°24	3°44	22°44	21°22	20°38	5°21	25° 4	2°15	28°21	27°23	16°33	n.a.	W20
T 21	13 13 39	19°27'50	18°34	8°45	4°33	23°28	21°16	20°37	5°22	25° 5	2°16	28°22	27°20	16°40	n.a.	T 21
F 22	13 17 35	20°25'11	1♓17	9° 1	5°23	24°13	21°10	20°36	5°24	25° 7	2°18	28°23	27°17	16°47	n.a.	F 22
S 23	13 21 32	21°22'32	13°45	9°13	6°13	24°58	21° 4	20°34	5°25	25° 8	2°19	28°25	27°14	16°53	n.a.	S 23
S 24	13 25 28	22°19'52	26° 2	9°20	7° 4	25°42	20°59	20°33	5°27	25°10	2°20	28°R25	27°11	17° 0	n.a.	S 24
M25	13 29 25	23°17'11	8♈ 9	9°R22	7°56	26°26	20°53	20°32	5°28	25°11	2°22	28°25	27° 8	17° 7	n.a.	M25
T 26	13 33 22	24°14'29	20° 9	9°20	8°48	27°11	20°48	20°30	5°29	25°13	2°23	28°23	27° 4	17°14	n.a.	T 26
W27	13 37 18	25°11'47	2♉ 3	9°13	9°41	27°55	20°42	20°29	5°30	25°14	2°24	28°20	27° 1	17°20	n.a.	W27
T 28	13 41 15	26° 9'03	13°54	9° 2	10°34	28°39	20°37	20°27	5°31	25°15	2°25	28°16	26°58	17°27	n.a.	T 28
F 29	13 45 11	27° 6'19	25°44	8°47	11°28	29°23	20°32	20°26	5°33	25°17	2°27	28°12	26°55	17°34	n.a.	F 29
S 30	13 49 8	28♈ 3'34	7♊35	8♉28	12♓23	0♓ 7	20♍28	20♐24	5♒34	25♒18	2♈28	28♓ 6	26♓52	17♉40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n 7	21n 2	3n59	9n12	2n 5	12s20	2n28	19s46	1s22	4n12	1n45	22s58	0n32	20s 3	0s41	14s54	1s25	13s33	15s39	0s38	0s39	19n58		n.a.
S 2	0 30	24 45	4 36	9 56	2 12	12 21	2 18	19 34	1 23	4 14	1 45	22 58	0 32	20 3	0 41	14 54	1 26	13 33	15 39	0 38	0 40	20 0		n.a.
S 3	0 53	27 26	5 2	10 38	2 18	12 20	2 8	19 22	1 23	4 17	1 45	22 58	0 32	20 2	0 41	14 53	1 26	13 32	15 39	0 38	0 41	20 3		n.a.
M 4	1 17	28 53	5 16	11 18	2 24	12 20	1 57	19 10	1 24	4 20	1 45	22 58	0 32	20 2	0 41	14 52	1 26	13 31	15 39	0 38	0 43	20 6		n.a.
T 5	1 40	28 58	5 15	11 56	2 29	12 18	1 48	18 58	1 25	4 23	1 44	22 58	0 32	20 1	0 41	14 52	1 26	13 31	15 39	0 38	0 44	20 8		n.a.
W 6	2 3	27 36	5 0	12 31	2 33	12 16	1 38	18 46	1 25	4 26	1 44	22 58	0 32	20 1	0 41	14 51	1 26	13 30	15 39	0 38	0 45	20 11		n.a.
T 7	2 26	24 47	4 29	13 4	2 36	12 13	1 28	18 33	1 26	4 29	1 44	22 58	0 32	20 0	0 41	14 51	1 26	13 30	15 39	0 38	0 47	20 14		n.a.
F 8	2 50	20 36	3 44	13 34	2 38	12 9	1 19	18 20	1 26	4 32	1 44	22 58	0 31	20 0	0 42	14 50	1 26	13 29	15 39	0 38	0 48	20 16		n.a.
S 9	3 13	15 15	2 45	14 2	2 40	12 5	1 10	18 8	1 27	4 34	1 44	22 58	0 31	19 59	0 42	14 49	1 26	13 29	15 39	0 37	0 49	20 19		n.a.
S 10	3 36	8 57	1 34	14 27	2 40	12 0	1 1	17 55	1 27	4 37	1 44	22 58	0 31	19 59	0 42	14 49	1 26	13 28	15 39	0 37	0 50	20 21		n.a.
M11	3 59	2 1	0 16	14 49	2 40	11 54	0 52	17 41	1 28	4 40	1 44	22 58	0 31	19 58	0 42	14 48	1 26	13 28	15 39	0 37	0 52	20 24		n.a.
T 12	4 22	5s 9	1s 5	15 10	2 39	11 47	0 44	17 28	1 28	4 43	1 44	22 59	0 31	19 58	0 42	14 48	1 26	13 27	15 39	0 37	0 53	20 27		n.a.
W13	4 44	12 9	2 23	15 27	2 36	11 40	0 36	17 15	1 29	4 45	1 43	22 59	0 31	19 58	0 42	14 47	1 26	13 27	15 39	0 37	0 54	20 29		n.a.
T 14	5 7	18 29	3 31	15 42	2 33	11 33	0 28	17 1	1 29	4 48	1 43	22 59	0 31	19 57	0 42	14 47	1 26	13 26	15 39	0 38	0 56	20 32		n.a.
F 15	5 30	23 40	4 25	15 55	2 29	11 24	0 20	16 47	1 30	4 50	1 43	22 59	0 31	19 57	0 42	14 46	1 26	13 26	15 39	0 39	0 57	20 34		n.a.
S 16	5 53	27 15	5 0	16 5	2 24	11 15	0 12	16 33	1 30	4 53	1 43	22 59	0 31	19 56	0 42	14 46	1 26	13 25	15 39	0 39	0 58	20 37		n.a.
S 17	6 15	28 57	5 15	16 13	2 18	11 6	0 5	16 19	1 31	4 55	1 43	22 59	0 31	19 56	0 42	14 45	1 26	13 25	15 39	0 40	0 59	20 39		n.a.
M18	6 38	28 43	5 11	16 18	2 12	10 55	0s 2	16 5	1 31	4 58	1 43	22 59	0 31	19 56	0 42	14 45	1 26	13 24	15 39	0 40	1 1	20 42		n.a.
T 19	7 0	26 42	4 49	16 20	2 4	10 44	0 9	15 51	1 32	5 0	1 42	22 59	0 31	19 55	0 42	14 44	1 26	13 24	15 39	0 40	1 2	20 44		n.a.
W20	7 22	23 15	4 12	16 21	1 55	10 33	0 16	15 36	1 32	5 2	1 42	22 58	0 31	19 55	0 42	14 44	1 26	13 23	15 39	0 40	1 3	20 47		n.a.
T 21	7 44	18 42	3 22	16 18	1 45	10 21	0 23	15 22	1 32	5 4	1 42	22 58	0 31	19 55	0 42	14 43	1 26	13 23	15 39	0 40	1 4	20 50		n.a.
F 22	8 6	13 26	2 24	16 13	1 34	10 9	0 29	15 7	1 33	5 7	1 42	22 58	0 31	19 54	0 42	14 43	1 26	13 22	15 39	0 39	1 6	20 52		n.a.
S 23	8 28	7 43	1 20	16 6	1 23	9 55	0 35	14 52	1 33	5 9	1 42	22 58	0 31	19 54	0 42	14 42	1 26	13 22	15 39	0 39	1 7	20 55		n.a.
S 24	8 50	1 48	0 13	15 57	1 10	9 42	0 42	14 38	1 34	5 11	1 41	22 58	0 31	19 54	0 42	14 42	1 26	13 21	15 39	0 38	1 8	20 57		n.a.
M25	9 11	4n 6	0n53	15 45	0 57	9 28	0 47	14 23	1 34	5 13	1 41	22 58	0 31	19 53	0 42	14 41	1 27	13 21	15 40	0 38	1 10	21 0		n.a.
T 26	9 33	9 47	1 56	15 31	0 43	9 13	0 53	14 8	1 34	5 15	1 41	22 58	0 31	19 53	0 42	14 41	1 27	13 21	15 40	0 39	1 11	21 2		n.a.
W27	9 54	15 6	2 54	15 14	0 28	8 58	0 59	13 52	1 35	5 17	1 41	22 58	0 31	19 53	0 42	14 41	1 27	13 20	15 40	0 40	1 12	21 5		n.a.
T 28	10 15	19 49	3 44	14 56	0 13	8 42	1 4	13 37	1 35	5 18	1 40	22 58	0 31	19 53	0 42	14 40	1 27	13 20	15 40	0 42	1 13	21 7		n.a.
F 29	10 36	23 46	4 24	14 36	0s 3	8 26	1 9	13 22	1 36	5 20	1 40	22 58	0 31	19 52	0 42	14 40	1 27	13 19	15 40	0 44	1 15	21 10		n.a.
S 30	10n57	26n44	4n52	14n15	0s20	8s10	1s14	13s 6	1s36	5n22	1n40	22s58	0n31	19s52	0s42	14s39	1s27	13s19	15s40	0s46	1s16	21n12		n.a.

Julian Day Number = 1318642.5, Delta T = 07h34m57s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'53, Lahiri = -19°10'52 Julian Calendar 1 Apr. 1103 BCE == Greg. Calendar 21 March 1103 BCE

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

MAY 1103 BCE (-1102) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 4	29♈ 0'47	19♊30	8°R 6	13♓18	0♓51	20°R23	20°R22	5♒35	25♒19	2♈29	28°R 2	26♓49	17♉47	n.a.	S 1
M 2	13 57 1	29°58'00	1♋31	7♉41	14°13	1°35	20♍18	20♐20	5°36	25°20	2°30	27♓58	26°45	17°54	n.a.	M 2
T 3	14 0 57	0♉55'12	13°42	7°13	15° 9	2°19	20°14	20°18	5°37	25°21	2°32	27°55	26°42	18° 0	n.a.	T 3
W 4	14 4 54	1°52'23	26° 8	6°42	16° 6	3° 3	20°10	20°16	5°37	25°23	2°33	27°D53	26°39	18° 7	n.a.	W 4
T 5	14 8 51	2°49'33	8♌51	6°10	17° 2	3°47	20° 6	20°14	5°38	25°24	2°34	27°53	26°36	18°14	n.a.	T 5
F 6	14 12 47	3°46'43	21°56	5°37	18° 0	4°30	20° 2	20°12	5°39	25°25	2°35	27°54	26°33	18°20	n.a.	F 6
S 7	14 16 44	4°43'51	5♍27	5° 3	18°57	5°14	19°58	20° 9	5°40	25°26	2°36	27°56	26°29	18°27	n.a.	S 7
S 8	14 20 40	5°40'58	19°25	4°29	19°55	5°57	19°55	20° 7	5°40	25°27	2°38	27°57	26°26	18°34	n.a.	S 8
M 9	14 24 37	6°38'05	3♎49	3°56	20°54	6°41	19°51	20° 4	5°41	25°28	2°39	27°R57	26°23	18°41	n.a.	M 9
T 10	14 28 33	7°35'11	18°38	3°24	21°53	7°24	19°48	20° 2	5°42	25°29	2°40	27°56	26°20	18°47	n.a.	T 10
W11	14 32 30	8°32'16	3♏44	2°53	22°52	8° 7	19°45	19°59	5°42	25°30	2°41	27°52	26°17	18°54	n.a.	W11
T 12	14 36 26	9°29'21	18°59	2°25	23°51	8°51	19°42	19°56	5°43	25°31	2°42	27°48	26°14	19° 1	n.a.	T 12
F 13	14 40 23	10°26'26	4♐12	2° 0	24°51	9°34	19°40	19°53	5°43	25°32	2°43	27°42	26°10	19° 7	n.a.	F 13
S 14	14 44 20	11°23'31	19°14	1°37	25°51	10°17	19°37	19°50	5°44	25°33	2°44	27°35	26° 7	19°14	n.a.	S 14
S 15	14 48 16	12°20'35	3♑56	1°18	26°52	11° 0	19°35	19°47	5°44	25°33	2°45	27°30	26° 4	19°21	n.a.	S 15
M16	14 52 13	13°17'40	18°11	1° 3	27°53	11°43	19°33	19°44	5°44	25°34	2°47	27°26	26° 1	19°27	n.a.	M16
T 17	14 56 9	14°14'44	1♒59	0°52	28°54	12°26	19°31	19°41	5°44	25°35	2°48	27°23	25°58	19°34	n.a.	T 17
W18	15 0 6	15°11'49	15°20	0°45	29°55	13° 9	19°29	19°38	5°45	25°36	2°49	27°D22	25°55	19°41	n.a.	W18
T 19	15 4 2	16° 8'54	28°16	0°D43	0♈57	13°51	19°27	19°35	5°45	25°36	2°50	27°23	25°51	19°47	n.a.	T 19
F 20	15 7 59	17° 5'58	10♓51	0°45	1°59	14°34	19°26	19°31	5°45	25°37	2°51	27°24	25°48	19°54	n.a.	F 20
S 21	15 11 56	18° 3'03	23°10	0°52	3° 1	15°17	19°24	19°28	5°45	25°38	2°52	27°R25	25°45	20° 1	n.a.	S 21
S 22	15 15 52	19° 0'08	5♈16	1° 4	4° 4	15°59	19°23	19°25	5°R45	25°38	2°53	27°25	25°42	20° 8	n.a.	S 22
M23	15 19 49	19°57'13	17°14	1°21	5° 6	16°41	19°22	19°21	5°45	25°39	2°54	27°23	25°39	20°14	n.a.	M23
T 24	15 23 45	20°54'18	29° 6	1°43	6° 9	17°24	19°22	19°17	5°45	25°39	2°55	27°18	25°35	20°21	n.a.	T 24
W25	15 27 42	21°51'24	10♉57	2° 9	7°13	18° 6	19°21	19°14	5°45	25°40	2°56	27°12	25°32	20°28	n.a.	W25
T 26	15 31 38	22°48'30	22°46	2°41	8°16	18°48	19°21	19°10	5°44	25°40	2°57	27° 3	25°29	20°34	n.a.	T 26
F 27	15 35 35	23°45'35	4♊38	3°17	9°20	19°30	19°20	19° 6	5°44	25°41	2°58	26°53	25°26	20°41	n.a.	F 27
S 28	15 39 31	24°42'41	16°32	3°58	10°24	20°12	19°D20	19° 3	5°44	25°41	2°59	26°42	25°23	20°48	n.a.	S 28
S 29	15 43 28	25°39'47	28°32	4°44	11°28	20°54	19°21	18°59	5°44	25°42	2°59	26°31	25°20	20°54	n.a.	S 29
M30	15 47 25	26°36'53	10♋38	5°34	12°32	21°36	19°21	18°55	5°43	25°42	3° 0	26°22	25°16	21° 1	n.a.	M30
T 31	15 51 21	27♉33'59	22♋53	6♉29	13♈37	22♓17	19♍21	18♐51	5♒43	25♒42	3♈ 1	26♓15	25♓13	21♉ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n18	28n32	5n 9	13n51	0s37	7s53	1s19	12s51	1s36	5n24	1n40	22s58	0n31	19s52	0s42	14s39	1s27	13s19	15s40	0s48	1s17	21n15			n.a.
M 2	11 39	29 1	5 11	13 27	0 54	7 35	1 23	12 35	1 37	5 25	1 39	22 58	0 31	19 52	0 42	14 39	1 27	13 18	15 40	0 49	1 19	21 17			n.a.
T 3	11 59	28 5	5 0	13 2	1 10	7 17	1 28	12 19	1 37	5 27	1 39	22 58	0 31	19 52	0 42	14 38	1 27	13 18	15 40	0 51	1 20	21 19			n.a.
W 4	12 19	25 46	4 35	12 36	1 27	6 59	1 32	12 4	1 37	5 28	1 39	22 58	0 30	19 51	0 42	14 38	1 27	13 17	15 41	0 51	1 21	21 22			n.a.
T 5	12 39	22 8	3 56	12 10	1 44	6 40	1 36	11 48	1 38	5 29	1 39	22 57	0 30	19 51	0 43	14 38	1 27	13 17	15 41	0 51	1 22	21 24			n.a.
F 6	12 59	17 19	3 4	11 43	2 0	6 21	1 40	11 32	1 38	5 31	1 38	22 57	0 30	19 51	0 43	14 37	1 27	13 17	15 41	0 51	1 24	21 27			n.a.
S 7	13 18	11 31	1 59	11 17	2 16	6 2	1 44	11 16	1 38	5 32	1 38	22 57	0 30	19 51	0 43	14 37	1 27	13 16	15 41	0 50	1 25	21 29			n.a.
S 8	13 38	4 58	0 46	10 52	2 31	5 42	1 48	11 0	1 39	5 33	1 38	22 57	0 30	19 51	0 43	14 37	1 27	13 16	15 41	0 50	1 26	21 32			n.a.
M 9	13 57	2s 2	0s32	10 27	2 45	5 22	1 51	10 44	1 39	5 34	1 37	22 57	0 30	19 51	0 43	14 36	1 27	13 16	15 41	0 50	1 28	21 34			n.a.
T 10	14 16	9 6	1 50	10 4	2 58	5 1	1 54	10 28	1 39	5 35	1 37	22 57	0 30	19 51	0 43	14 36	1 27	13 15	15 41	0 50	1 29	21 37			n.a.
W11	14 35	15 48	3 2	9 42	3 10	4 40	1 58	10 11	1 39	5 36	1 37	22 57	0 30	19 51	0 43	14 36	1 27	13 15	15 42	0 52	1 30	21 39			n.a.
T 12	14 53	21 36	4 1	9 22	3 21	4 19	2 1	9 55	1 40	5 37	1 37	22 56	0 30	19 50	0 43	14 36	1 27	13 15	15 42	0 53	1 31	21 41			n.a.
F 13	15 12	25 58	4 43	9 4	3 30	3 58	2 3	9 39	1 40	5 38	1 36	22 56	0 30	19 50	0 43	14 35	1 27	13 14	15 42	0 56	1 33	21 44			n.a.
S 14	15 30	28 28	5 6	8 49	3 39	3 36	2 6	9 23	1 40	5 39	1 36	22 56	0 30	19 50	0 43	14 35	1 28	13 14	15 42	0 58	1 34	21 46			n.a.
S 15	15 47	28 53	5 7	8 35	3 46	3 14	2 9	9 6	1 40	5 39	1 36	22 56	0 30	19 50	0 43	14 35	1 28	13 14	15 42	1 1	1 35	21 49			n.a.
M16	16 5	27 20	4 49	8 25	3 52	2 51	2 11	8 50	1 41	5 40	1 35	22 56	0 30	19 50	0 43	14 35	1 28	13 14	15 42	1 2	1 37	21 51			n.a.
T 17	16 22	24 10	4 15	8 17	3 56	2 29	2 13	8 33	1 41	5 40	1 35	22 56	0 30	19 50	0 43	14 34	1 28	13 13	15 43	1 3	1 38	21 53			n.a.
W18	16 39	19 48	3 27	8 11	3 59	2 6	2 15	8 17	1 41	5 41	1 35	22 55	0 30	19 50	0 43	14 34	1 28	13 13	15 43	1 4	1 39	21 56			n.a.
T 19	16 56	14 37	2 31	8 9	4 1	1 43	2 17	8 0	1 41	5 41	1 35	22 55	0 30	19 50	0 43	14 34	1 28	13 13	15 43	1 3	1 40	21 58			n.a.
F 20	17 13	8 58	1 28	8 9	4 2	1 19	2 19	7 44	1 41	5 42	1 34	22 55	0 30	19 50	0 43	14 34	1 28	13 13	15 43	1 3	1 42	22 1			n.a.
S 21	17 29	3 6	0 23	8 12	4 1	0 56	2 21	7 27	1 42	5 42	1 34	22 55	0 30	19 50	0 43	14 34	1 28	13 12	15 43	1 3	1 43	22 3			n.a.
S 22	17 45	2n46	0n42	8 18	4 0	0 32	2 22	7 10	1 42	5 42	1 34	22 55	0 29	19 50	0 43	14 33	1 28	13 12	15 44	1 3	1 44	22 5			n.a.
M23	18 1	8 29	1 44	8 26	3 57	0 8	2 24	6 54	1 42	5 42	1 33	22 54	0 29	19 50	0 43	14 33	1 28	13 12	15 44	1 4	1 46	22 8			n.a.
T 24	18 16	13 51	2 42	8 37	3 53	0n16	2 25	6 37	1 42	5 42	1 33	22 54	0 29	19 50	0 43	14 33	1 28	13 12	15 44	1 5	1 47	22 10			n.a.
W25	18 32	18 41	3 31	8 51	3 49	0 40	2 26	6 21	1 42	5 42	1 33	22 54	0 29	19 50	0 43	14 33	1 28	13 12	15 44	1 8	1 48	22 12			n.a.
T 26	18 46	22 49	4 12	9 7	3 43	1 5	2 27	6 4	1 42	5 42	1 32	22 54	0 29	19 50	0 43	14 33	1 28	13 11	15 45	1 12	1 49	22 15			n.a.
F 27	19 1	26 1	4 42	9 25	3 36	1 29	2 28	5 47	1 43	5 42	1 32	22 53	0 29	19 51	0 43	14 33	1 28	13 11	15 45	1 16	1 51	22 17			n.a.
S 28	19 15	28 6	4 59	9 46	3 29	1 54	2 29	5 31	1 43	5 41	1 32	22 53	0 29	19 51	0 43	14 33	1 28	13 11	15 45	1 20	1 52	22 19			n.a.
S 29	19 29	28 53	5 4	10 9	3 21	2 19	2 30	5 14	1 43	5 41	1 32	22 53	0 29	19 51	0 43	14 33	1 28	13 11	15 45	1 24	1 53	22 22			n.a.
M30	19 43	28 17	4 55	10 34	3 12	2 44	2 30	4 57	1 43	5 41	1 31	22 53	0 29	19 51	0 43	14 33	1 28	13 11	15 45	1 28	1 54	22 24			n.a.
T 31	19n56	26n19	4n32	11n 1	3s 3	3n 9	2s31	4s41	1s43	5n40	1n31	22s52	0n29	19s51	0s44	14s33	1s29	13s11	15s46	1s31	1s56	22n26			n.a.

Julian Day Number = 1318672.5, Delta T = 07h34m55s
Ecliptic obliquity = 23°49'44, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'49, Lahiri = -19°10'48 Julian Calendar 1 May 1103 BCE == Greg. Calendar 20 Apr. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

JUNE 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 55 18	28♉31'05	5♌20	7♉28	14♈41	22♓59	19♍22	18°R47	5°R42	25♒43	3♈ 2	26°R10	25♓10	21♉15	n.a.	W 1
T 2	15 59 14	29°28'11	18° 2	8°32	15°46	23°40	19°23	18♐43	5♒42	25°43	3° 3	26♓ 8	25° 7	21°21	n.a.	T 2
F 3	16 3 11	0♊25'18	1♍ 4	9°40	16°51	24°22	19°24	18°39	5°41	25°43	3° 4	26°D 7	25° 4	21°28	n.a.	F 3
S 4	16 7 7	1°22'24	14°27	10°52	17°57	25° 3	19°25	18°35	5°41	25°43	3° 5	26° 8	25° 1	21°35	n.a.	S 4
S 5	16 11 4	2°19'30	28°15	12° 9	19° 2	25°44	19°27	18°30	5°40	25°44	3° 5	26°R 8	24°57	21°41	n.a.	S 5
M 6	16 15 1	3°16'36	12♎30	13°30	20° 8	26°25	19°28	18°26	5°39	25°44	3° 6	26° 7	24°54	21°48	n.a.	M 6
T 7	16 18 57	4°13'43	27°10	14°55	21°13	27° 6	19°30	18°22	5°39	25°44	3° 7	26° 4	24°51	21°55	n.a.	T 7
W 8	16 22 54	5°10'50	12♏10	16°25	22°19	27°47	19°32	18°18	5°38	25°44	3° 8	25°58	24°48	22° 1	n.a.	W 8
T 9	16 26 50	6° 7'58	27°24	17°58	23°25	28°28	19°34	18°14	5°37	25°R44	3° 8	25°50	24°45	22° 8	n.a.	T 9
F 10	16 30 47	7° 5'06	12♐40	19°35	24°32	29° 8	19°37	18° 9	5°36	25°44	3° 9	25°41	24°41	22°15	n.a.	F 10
S 11	16 34 43	8° 2'15	27°48	21°15	25°38	29°49	19°39	18° 5	5°35	25°44	3°10	25°31	24°38	22°22	n.a.	S 11
S 12	16 38 40	8°59'24	12♑38	22°59	26°45	0♈29	19°42	18° 1	5°34	25°44	3°10	25°22	24°35	22°28	n.a.	S 12
M13	16 42 36	9°56'35	27° 3	24°47	27°52	1°10	19°45	17°56	5°33	25°44	3°11	25°14	24°32	22°35	n.a.	M13
T 14	16 46 33	10°53'46	10♒58	26°37	28°59	1°50	19°48	17°52	5°32	25°43	3°12	25° 9	24°29	22°42	n.a.	T 14
W15	16 50 30	11°50'58	24°23	28°31	0♉ 6	2°30	19°51	17°47	5°31	25°43	3°12	25° 6	24°26	22°48	n.a.	W15
T 16	16 54 26	12°48'11	7♓21	0♊27	1°13	3°10	19°54	17°43	5°30	25°43	3°13	25° 5	24°22	22°55	n.a.	T 16
F 17	16 58 23	13°45'25	19°55	2°26	2°20	3°50	19°58	17°39	5°29	25°43	3°13	25° 5	24°19	23° 2	n.a.	F 17
S 18	17 2 19	14°42'41	2♈11	4°26	3°28	4°29	20° 1	17°34	5°28	25°43	3°14	25° 4	24°16	23° 9	n.a.	S 18
S 19	17 6 16	15°39'57	14°14	6°28	4°35	5° 9	20° 5	17°30	5°26	25°42	3°14	25° 3	24°13	23°15	n.a.	S 19
M20	17 10 12	16°37'15	26° 8	8°32	5°43	5°49	20° 9	17°25	5°25	25°42	3°15	25° 0	24°10	23°22	n.a.	M20
T 21	17 14 9	17°34'34	7♉58	10°36	6°51	6°28	20°13	17°21	5°24	25°42	3°15	24°54	24° 6	23°29	n.a.	T 21
W22	17 18 6	18°31'54	19°47	12°42	7°59	7° 7	20°18	17°16	5°22	25°41	3°16	24°45	24° 3	23°35	n.a.	W22
T 23	17 22 2	19°29'15	1♊39	14°48	9° 7	7°46	20°22	17°12	5°21	25°41	3°16	24°34	24° 0	23°42	n.a.	T 23
F 24	17 25 59	20°26'37	13°35	16°53	10°16	8°25	20°27	17° 7	5°19	25°40	3°17	24°21	23°57	23°49	n.a.	F 24
S 25	17 29 55	21°24'00	25°36	18°59	11°24	9° 4	20°32	17° 3	5°18	25°40	3°17	24° 7	23°54	23°55	n.a.	S 25
S 26	17 33 52	22°21'25	7♋45	21° 4	12°33	9°43	20°37	16°59	5°16	25°39	3°18	23°53	23°51	24° 2	n.a.	S 26
M27	17 37 48	23°18'50	20° 1	23° 9	13°41	10°21	20°42	16°54	5°15	25°39	3°18	23°42	23°47	24° 9	n.a.	M27
T 28	17 41 45	24°16'17	2♌26	25°13	14°50	11° 0	20°47	16°50	5°13	25°38	3°18	23°32	23°44	24°16	n.a.	T 28
W29	17 45 41	25°13'44	15° 2	27°16	15°59	11°38	20°52	16°45	5°12	25°38	3°19	23°25	23°41	24°22	n.a.	W29
T 30	17 49 38	26♊11'13	27♌51	29♊18	17♉ 8	12♈16	20♍58	16♐41	5♒10	25♒37	3♈19	23♓21	23♓38	24♉29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 9	23n 3	3n56	11n30	2s53	3n34	2s31	4s24	1s43	5n40	1n31	22s52	0n29	19s51	0s44	14s33	1s29	13s11	15s46	1s33	1s57	22n29		n.a.
T 2	20 22	18 39	3 8	12 1	2 42	3 59	2 31	4 8	1 43	5 39	1 30	22 52	0 29	19 51	0 44	14 32	1 29	13 10	15 46	1 34	1 58	22 31		n.a.
F 3	20 34	13 17	2 9	12 33	2 31	4 24	2 31	3 51	1 43	5 38	1 30	22 51	0 29	19 52	0 44	14 32	1 29	13 10	15 46	1 34	2 0	22 33		n.a.
S 4	20 46	7 10	1 2	13 7	2 20	4 50	2 31	3 34	1 43	5 37	1 30	22 51	0 29	19 52	0 44	14 32	1 29	13 10	15 47	1 34	2 1	22 36		n.a.
S 5	20 58	0 32	0s11	13 42	2 8	5 15	2 31	3 18	1 43	5 37	1 29	22 51	0 29	19 52	0 44	14 32	1 29	13 10	15 47	1 34	2 2	22 38		n.a.
M 6	21 9	6s20	1 26	14 18	1 56	5 40	2 31	3 1	1 43	5 36	1 29	22 51	0 28	19 52	0 44	14 32	1 29	13 10	15 47	1 34	2 3	22 40		n.a.
T 7	21 20	13 4	2 37	14 55	1 44	6 6	2 30	2 45	1 43	5 35	1 29	22 50	0 28	19 52	0 44	14 32	1 29	13 10	15 47	1 35	2 5	22 42		n.a.
W 8	21 31	19 12	3 39	15 33	1 31	6 31	2 30	2 28	1 43	5 34	1 28	22 50	0 28	19 53	0 44	14 33	1 29	13 10	15 48	1 38	2 6	22 45		n.a.
T 9	21 41	24 12	4 26	16 12	1 19	6 56	2 29	2 12	1 43	5 32	1 28	22 50	0 28	19 53	0 44	14 33	1 29	13 10	15 48	1 41	2 7	22 47		n.a.
F 10	21 51	27 33	4 54	16 51	1 6	7 21	2 29	1 55	1 43	5 31	1 28	22 49	0 28	19 53	0 44	14 33	1 29	13 10	15 48	1 45	2 9	22 49		n.a.
S 11	22 0	28 50	5 1	17 31	0 53	7 47	2 28	1 39	1 43	5 30	1 27	22 49	0 28	19 53	0 44	14 33	1 29	13 10	15 49	1 49	2 10	22 51		n.a.
S 12	22 9	28 0	4 48	18 10	0 41	8 12	2 27	1 23	1 43	5 29	1 27	22 49	0 28	19 54	0 44	14 33	1 29	13 10	15 49	1 52	2 11	22 54		n.a.
M13	22 18	25 17	4 17	18 49	0 28	8 37	2 26	1 6	1 43	5 27	1 27	22 48	0 28	19 54	0 44	14 33	1 29	13 10	15 49	1 55	2 12	22 56		n.a.
T 14	22 27	21 8	3 31	19 27	0 16	9 2	2 25	0 50	1 43	5 26	1 27	22 48	0 28	19 54	0 44	14 33	1 29	13 10	15 49	1 58	2 14	22 58		n.a.
W15	22 35	16 2	2 35	20 5	0 4	9 27	2 24	0 34	1 43	5 24	1 26	22 48	0 28	19 55	0 44	14 33	1 29	13 10	15 50	1 59	2 15	23 0		n.a.
T 16	22 42	10 23	1 33	20 42	0n 8	9 52	2 22	0 18	1 43	5 23	1 26	22 48	0 28	19 55	0 44	14 33	1 29	13 10	15 50	1 59	2 16	23 3		n.a.
F 17	22 49	4 28	0 27	21 17	0 19	10 17	2 21	0 2	1 43	5 21	1 26	22 47	0 28	19 55	0 44	14 33	1 29	13 10	15 50	1 59	2 17	23 5		n.a.
S 18	22 56	1n27	0n38	21 51	0 29	10 41	2 20	0n15	1 43	5 19	1 25	22 47	0 27	19 56	0 44	14 33	1 30	13 10	15 50	1 59	2 19	23 7		n.a.
S 19	23 3	7 14	1 40	22 23	0 40	11 6	2 18	0 31	1 43	5 17	1 25	22 47	0 27	19 56	0 44	14 34	1 30	13 10	15 51	2 0	2 20	23 9		n.a.
M20	23 9	12 40	2 36	22 54	0 49	11 30	2 16	0 47	1 43	5 15	1 25	22 46	0 27	19 56	0 44	14 34	1 30	13 10	15 51	2 1	2 21	23 11		n.a.
T 21	23 14	17 38	3 26	23 21	0 58	11 54	2 15	1 2	1 43	5 13	1 24	22 46	0 27	19 57	0 44	14 34	1 30	13 10	15 51	2 4	2 23	23 14		n.a.
W22	23 19	21 55	4 6	23 47	1 6	12 18	2 13	1 18	1 43	5 11	1 24	22 46	0 27	19 57	0 44	14 34	1 30	13 10	15 52	2 7	2 24	23 16		n.a.
T 23	23 24	25 20	4 36	24 10	1 14	12 42	2 11	1 34	1 42	5 9	1 24	22 45	0 27	19 57	0 44	14 34	1 30	13 10	15 52	2 12	2 25	23 18		n.a.
F 24	23 29	27 40	4 54	24 30	1 21	13 6	2 9	1 50	1 42	5 7	1 24	22 45	0 27	19 58	0 44	14 35	1 30	13 10	15 52	2 17	2 26	23 20		n.a.
S 25	23 33	28 44	4 59	24 48	1 27	13 29	2 7	2 5	1 42	5 5	1 23	22 45	0 27	19 58	0 44	14 35	1 30	13 11	15 53	2 22	2 28	23 22		n.a.
S 26	23 36	28 26	4 51	25 3	1 32	13 52	2 5	2 21	1 42	5 3	1 23	22 44	0 27	19 59	0 44	14 35	1 30	13 11	15 53	2 28	2 29	23 24		n.a.
M27	23 39	26 44	4 29	25 15	1 36	14 15	2 3	2 37	1 42	5 1	1 23	22 44	0 27	19 59	0 44	14 35	1 30	13 11	15 53	2 33	2 30	23 27		n.a.
T 28	23 42	23 44	3 54	25 25	1 40	14 37	2 1	2 52	1 42	4 58	1 22	22 43	0 27	19 59	0 44	14 36	1 30	13 11	15 53	2 37	2 32	23 29		n.a.
W29	23 44	19 34	3 7	25 31	1 43	15 0	1 59	3 7	1 41	4 56	1 22	22 43	0 26	20 0	0 45	14 36	1 30	13 11	15 54	2 39	2 33	23 31		n.a.
T 30	23n46	14n27	2n10	25n35	1n46	15n22	1s57	3n23	1s41	4n53	1n22	22s43	0n26	20s 0	0s45	14s36	1s30	13s11	15s54	2s41	2s34	23n33		n.a.

Julian Day Number = 1318703.5, Delta T = 07h34m54s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'44, Lahiri = -19°10'44 Julian Calendar 1 June 1103 BCE == Greg. Calendar 21 May 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

JULY 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 53 35	27♊ 8'42	10♍55	1♋19	18♉17	12♈54	21♍ 4	16°R37	5°R 8	25°R36	3♈19	23°R20	23♓35	24♉36	n.a.	F 1
S 2	17 57 31	28° 6'12	24°16	3°18	19°26	13°32	21°10	16♐32	5♒ 6	25♒36	3°20	23♓19	23°32	24°42	n.a.	S 2
S 3	18 1 28	29° 3'44	7♎58	5°17	20°36	14°10	21°16	16°28	5° 5	25°35	3°20	23°19	23°28	24°49	n.a.	S 3
M 4	18 5 24	0♋ 1'16	22° 1	7°14	21°45	14°48	21°22	16°24	5° 3	25°34	3°20	23°18	23°25	24°56	n.a.	M 4
T 5	18 9 21	0°58'49	6♏26	9° 9	22°55	15°25	21°28	16°20	5° 1	25°33	3°20	23°15	23°22	25° 3	n.a.	T 5
W 6	18 13 17	1°56'24	21°11	11° 3	24° 4	16° 2	21°34	16°15	4°59	25°33	3°20	23° 9	23°19	25° 9	n.a.	W 6
T 7	18 17 14	2°54'00	6♐ 8	12°56	25°14	16°39	21°41	16°11	4°57	25°32	3°21	23° 1	23°16	25°16	n.a.	T 7
F 8	18 21 10	3°51'37	21°12	14°47	26°24	17°16	21°48	16° 7	4°55	25°31	3°21	22°50	23°12	25°23	n.a.	F 8
S 9	18 25 7	4°49'16	6♑10	16°36	27°34	17°53	21°55	16° 3	4°53	25°30	3°21	22°40	23° 9	25°29	n.a.	S 9
S 10	18 29 4	5°46'56	20°56	18°25	28°44	18°30	22° 2	15°59	4°51	25°29	3°21	22°29	23° 6	25°36	n.a.	S 10
M11	18 33 0	6°44'37	5♒19	20°11	29°54	19° 6	22° 9	15°55	4°49	25°28	3°21	22°21	23° 3	25°43	n.a.	M11
T 12	18 36 57	7°42'21	19°16	21°57	1♊ 4	19°42	22°16	15°51	4°47	25°27	3°21	22°15	23° 0	25°50	n.a.	T 12
W13	18 40 53	8°40'06	2♓44	23°41	2°15	20°19	22°23	15°47	4°45	25°26	3°21	22°11	22°57	25°56	n.a.	W13
T 14	18 44 50	9°37'52	15°46	25°23	3°25	20°55	22°31	15°43	4°43	25°25	3°R21	22°10	22°53	26° 3	n.a.	T 14
F 15	18 48 46	10°35'41	28°23	27° 4	4°36	21°30	22°39	15°39	4°41	25°24	3°21	22°D10	22°50	26°10	n.a.	F 15
S 16	18 52 43	11°33'31	10♈41	28°44	5°47	22° 6	22°46	15°35	4°39	25°23	3°21	22°R10	22°47	26°16	n.a.	S 16
S 17	18 56 39	12°31'24	22°45	0♌22	6°57	22°41	22°54	15°32	4°37	25°22	3°21	22°10	22°44	26°23	n.a.	S 17
M18	19 0 36	13°29'18	4♉39	1°59	8° 8	23°17	23° 2	15°28	4°35	25°21	3°21	22° 7	22°41	26°30	n.a.	M18
T 19	19 4 33	14°27'14	16°30	3°35	9°19	23°52	23°11	15°24	4°32	25°20	3°21	22° 3	22°38	26°36	n.a.	T 19
W20	19 8 29	15°25'13	28°20	5° 9	10°30	24°27	23°19	15°21	4°30	25°18	3°21	21°56	22°34	26°43	n.a.	W20
T 21	19 12 26	16°23'13	10♊15	6°42	11°41	25° 1	23°27	15°17	4°28	25°17	3°21	21°47	22°31	26°50	n.a.	T 21
F 22	19 16 22	17°21'15	22°17	8°14	12°53	25°36	23°36	15°14	4°26	25°16	3°21	21°36	22°28	26°57	n.a.	F 22
S 23	19 20 19	18°19'19	4♋27	9°44	14° 4	26°10	23°44	15°11	4°23	25°15	3°20	21°24	22°25	27° 3	n.a.	S 23
S 24	19 24 15	19°17'25	16°47	11°13	15°15	26°44	23°53	15° 7	4°21	25°13	3°20	21°13	22°22	27°10	n.a.	S 24
M25	19 28 12	20°15'33	29°18	12°41	16°27	27°18	24° 2	15° 4	4°19	25°12	3°20	21° 2	22°18	27°17	n.a.	M25
T 26	19 32 9	21°13'43	12♌ 0	14° 7	17°38	27°52	24°11	15° 1	4°16	25°11	3°20	20°54	22°15	27°23	n.a.	T 26
W27	19 36 5	22°11'54	24°53	15°32	18°50	28°25	24°20	14°58	4°14	25°10	3°20	20°49	22°12	27°30	n.a.	W27
T 28	19 40 2	23°10'07	7♍57	16°55	20° 2	28°58	24°29	14°55	4°12	25° 8	3°19	20°46	22° 9	27°37	n.a.	T 28
F 29	19 43 58	24° 8'22	21°14	18°17	21°13	29°31	24°39	14°52	4° 9	25° 7	3°19	20°D45	22° 6	27°44	n.a.	F 29
S 30	19 47 55	25° 6'38	4♎43	19°37	22°25	0♉ 4	24°48	14°49	4° 7	25° 5	3°19	20°46	22° 3	27°50	n.a.	S 30
S 31	19 51 51	26♋ 4'56	18♎27	20♌56	23♊37	0♉37	24♍58	14♐46	4♒ 5	25♒ 4	3♈18	20♓47	21♓59	27♉57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	8n36	1n 5	25n37	1n48	15n44	1s54	3n38	1s41	4n51	1n22	22s42	0n26	20s 1	0s45	14s36	1s30	13s11	15s54	2s41	2s35	23n35		n.a.
S 2	23 49	2 14	0s 5	25 36	1 49	16 5	1 52	3 53	1 41	4 48	1 21	22 42	0 26	20 1	0 45	14 37	1 30	13 12	15 55	2 42	2 37	23 37		n.a.
S 3	23 49	4s23	1 17	25 32	1 49	16 26	1 49	4 8	1 41	4 45	1 21	22 42	0 26	20 2	0 45	14 37	1 30	13 12	15 55	2 42	2 38	23 39		n.a.
M 4	23 50	10 57	2 25	25 26	1 49	16 47	1 47	4 23	1 40	4 43	1 21	22 41	0 26	20 2	0 45	14 37	1 30	13 12	15 55	2 42	2 39	23 41		n.a.
T 5	23 49	17 8	3 27	25 18	1 48	17 7	1 44	4 38	1 40	4 40	1 20	22 41	0 26	20 3	0 45	14 38	1 30	13 12	15 56	2 43	2 40	23 44		n.a.
W 6	23 49	22 27	4 16	25 8	1 47	17 27	1 42	4 53	1 40	4 37	1 20	22 41	0 26	20 3	0 45	14 38	1 31	13 12	15 56	2 46	2 42	23 46		n.a.
T 7	23 48	26 24	4 48	24 56	1 45	17 47	1 39	5 7	1 40	4 34	1 20	22 40	0 26	20 4	0 45	14 38	1 31	13 13	15 56	2 49	2 43	23 48		n.a.
F 8	23 46	28 32	5 1	24 42	1 43	18 6	1 36	5 22	1 39	4 31	1 20	22 40	0 26	20 4	0 45	14 39	1 31	13 13	15 56	2 53	2 44	23 50		n.a.
S 9	23 44	28 33	4 52	24 26	1 40	18 25	1 34	5 36	1 39	4 28	1 19	22 40	0 25	20 5	0 45	14 39	1 31	13 13	15 57	2 57	2 46	23 52		n.a.
S 10	23 42	26 32	4 25	24 8	1 37	18 44	1 31	5 51	1 39	4 25	1 19	22 39	0 25	20 5	0 45	14 39	1 31	13 13	15 57	3 2	2 47	23 54		n.a.
M11	23 39	22 49	3 41	23 49	1 33	19 2	1 28	6 5	1 38	4 22	1 19	22 39	0 25	20 6	0 45	14 40	1 31	13 13	15 57	3 5	2 48	23 56		n.a.
T 12	23 36	17 53	2 45	23 28	1 29	19 19	1 25	6 19	1 38	4 19	1 19	22 39	0 25	20 6	0 45	14 40	1 31	13 14	15 58	3 7	2 49	23 58		n.a.
W13	23 32	12 14	1 41	23 6	1 24	19 36	1 22	6 33	1 38	4 16	1 18	22 39	0 25	20 7	0 45	14 40	1 31	13 14	15 58	3 9	2 51	24 0		n.a.
T 14	23 28	6 13	0 34	22 42	1 19	19 53	1 19	6 47	1 37	4 12	1 18	22 38	0 25	20 7	0 45	14 41	1 31	13 14	15 58	3 9	2 52	24 2		n.a.
F 15	23 24	0 9	0n33	22 18	1 14	20 9	1 16	7 1	1 37	4 9	1 18	22 38	0 25	20 8	0 45	14 41	1 31	13 15	15 59	3 9	2 53	24 4		n.a.
S 16	23 19	5n46	1 37	21 52	1 8	20 25	1 13	7 15	1 37	4 6	1 18	22 38	0 25	20 8	0 45	14 42	1 31	13 15	15 59	3 9	2 55	24 6		n.a.
S 17	23 14	11 22	2 35	21 25	1 3	20 40	1 10	7 29	1 36	4 2	1 17	22 37	0 25	20 9	0 45	14 42	1 31	13 15	15 59	3 10	2 56	24 8		n.a.
M18	23 8	16 30	3 25	20 57	0 56	20 55	1 7	7 42	1 36	3 59	1 17	22 37	0 24	20 9	0 45	14 42	1 31	13 15	16 0	3 10	2 57	24 10		n.a.
T 19	23 2	20 58	4 7	20 28	0 50	21 9	1 4	7 56	1 35	3 55	1 17	22 37	0 24	20 10	0 45	14 43	1 31	13 16	16 0	3 12	2 58	24 12		n.a.
W20	22 55	24 37	4 38	19 59	0 43	21 23	1 1	8 9	1 35	3 52	1 17	22 36	0 24	20 10	0 45	14 43	1 31	13 16	16 0	3 15	3 0	24 14		n.a.
T 21	22 48	27 14	4 57	19 29	0 36	21 36	0 58	8 23	1 35	3 48	1 16	22 36	0 24	20 11	0 45	14 44	1 31	13 16	16 0	3 19	3 1	24 16		n.a.
F 22	22 41	28 38	5 2	18 58	0 29	21 48	0 55	8 36	1 34	3 45	1 16	22 36	0 24	20 12	0 45	14 44	1 31	13 17	16 1	3 23	3 2	24 18		n.a.
S 23	22 33	28 40	4 55	18 27	0 21	22 0	0 52	8 49	1 34	3 41	1 16	22 36	0 24	20 12	0 45	14 45	1 31	13 17	16 1	3 28	3 3	24 20		n.a.
S 24	22 25	27 16	4 33	17 55	0 14	22 11	0 49	9 2	1 33	3 37	1 16	22 35	0 24	20 13	0 45	14 45	1 31	13 17	16 1	3 32	3 5	24 22		n.a.
M25	22 16	24 31	3 59	17 22	0 6	22 22	0 46	9 14	1 33	3 33	1 15	22 35	0 24	20 13	0 45	14 46	1 31	13 18	16 2	3 36	3 6	24 24		n.a.
T 26	22 7	20 32	3 11	16 50	0s 2	22 32	0 43	9 27	1 32	3 30	1 15	22 35	0 24	20 14	0 45	14 46	1 31	13 18	16 2	3 40	3 7	24 26		n.a.
W27	21 58	15 32	2 14	16 17	0 10	22 42	0 39	9 40	1 32	3 26	1 15	22 35	0 23	20 14	0 45	14 47	1 31	13 19	16 2	3 42	3 9	24 28		n.a.
T 28	21 48	9 46	1 8	15 44	0 18	22 51	0 36	9 52	1 31	3 22	1 15	22 34	0 23	20 15	0 45	14 47	1 32	13 19	16 3	3 43	3 10	24 30		n.a.
F 29	21 38	3 30	0s 3	15 10	0 27	22 59	0 33	10 4	1 31	3 18	1 15	22 34	0 23	20 16	0 45	14 48	1 32	13 19	16 3	3 43	3 11	24 32		n.a.
S 30	21 27	3s 2	1 14	14 37	0 35	23 6	0 30	10 16	1 30	3 14	1 14	22 34	0 23	20 16	0 45	14 48	1 32	13 20	16 3	3 43	3 12	24 34		n.a.
S 31	21n17	9s32	2s23	14n 3	0s44	23n13	0s27	10n29	1s30	3n10	1n14	22s34	0n23	20s17	0s45	14s49	1s32	13s20	16s 3	3s43	3s14	24n36		n.a.

Julian Day Number = 1318733.5, Delta T = 07h34m52s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'40, Lahiri = -19°10'40 Julian Calendar 1 July 1103 BCE == Greg. Calendar 20 June 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

AUGUST 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 55 48	27♋ 3'16	2♏25	22♌14	24♊49	1♉ 9	25♍ 7	14°R44	4°R 2	25°R 3	3°R18	20°R47	21♓56	28♉ 4	n.a.	M 1
T 2	19 59 44	28° 1'37	16°38	23°29	26° 1	1°41	25°17	14♐41	4♒ 0	25♒ 1	3♈18	20♓45	21°53	28°10	n.a.	T 2
W 3	20 3 41	29° 0'01	1♐ 3	24°43	27°14	2°13	25°27	14°38	3°58	25° 0	3°17	20°42	21°50	28°17	n.a.	W 3
T 4	20 7 37	29°58'26	15°39	25°55	28°26	2°44	25°37	14°36	3°55	24°58	3°17	20°36	21°47	28°24	n.a.	T 4
F 5	20 11 34	0♌56'52	0♑17	27° 5	29°38	3°16	25°47	14°34	3°53	24°57	3°16	20°29	21°44	28°31	n.a.	F 5
S 6	20 15 31	1°55'21	14°54	28°14	0♋51	3°47	25°57	14°31	3°50	24°55	3°16	20°21	21°40	28°37	n.a.	S 6
S 7	20 19 27	2°53'52	29°19	29°20	2° 3	4°17	26° 7	14°29	3°48	24°54	3°16	20°14	21°37	28°44	n.a.	S 7
M 8	20 23 24	3°52'24	13♒29	0♍24	3°16	4°48	26°17	14°27	3°46	24°52	3°15	20° 8	21°34	28°51	n.a.	M 8
T 9	20 27 20	4°50'59	27°17	1°25	4°28	5°18	26°28	14°25	3°43	24°51	3°15	20° 4	21°31	28°57	n.a.	T 9
W10	20 31 17	5°49'35	10♓42	2°24	5°41	5°48	26°38	14°23	3°41	24°49	3°14	20° 1	21°28	29° 4	n.a.	W10
T 11	20 35 13	6°48'14	23°43	3°21	6°54	6°18	26°49	14°21	3°38	24°48	3°13	20°D 1	21°24	29°11	n.a.	T 11
F 12	20 39 10	7°46'56	6♈22	4°15	8° 7	6°47	27° 0	14°19	3°36	24°46	3°13	20° 2	21°21	29°18	n.a.	F 12
S 13	20 43 6	8°45'39	18°42	5° 5	9°20	7°17	27°10	14°18	3°34	24°44	3°12	20° 4	21°18	29°24	n.a.	S 13
S 14	20 47 3	9°44'25	0♉48	5°52	10°33	7°45	27°21	14°16	3°31	24°43	3°12	20° 5	21°15	29°31	n.a.	S 14
M15	20 51 0	10°43'14	12°44	6°36	11°46	8°14	27°32	14°15	3°29	24°41	3°11	20°R 5	21°12	29°38	n.a.	M15
T 16	20 54 56	11°42'05	24°36	7°16	12°59	8°42	27°43	14°13	3°26	24°40	3°10	20° 4	21° 9	29°44	n.a.	T 16
W17	20 58 53	12°40'58	6♊29	7°51	14°12	9°10	27°54	14°12	3°24	24°38	3°10	20° 2	21° 5	29°51	n.a.	W17
T 18	21 2 49	13°39'54	18°26	8°22	15°26	9°38	28° 5	14°11	3°22	24°36	3° 9	19°57	21° 2	29°58	n.a.	T 18
F 19	21 6 46	14°38'52	0♋32	8°48	16°39	10° 5	28°17	14° 9	3°19	24°35	3° 8	19°52	20°59	0♊ 5	n.a.	F 19
S 20	21 10 42	15°37'52	12°50	9° 9	17°53	10°32	28°28	14° 8	3°17	24°33	3° 8	19°46	20°56	0°11	n.a.	S 20
S 21	21 14 39	16°36'55	25°21	9°25	19° 6	10°58	28°39	14° 8	3°15	24°31	3° 7	19°40	20°53	0°18	n.a.	S 21
M22	21 18 35	17°36'00	8♌ 7	9°34	20°20	11°25	28°51	14° 7	3°12	24°30	3° 6	19°35	20°50	0°25	n.a.	M22
T 23	21 22 32	18°35'07	21° 8	9°R37	21°33	11°50	29° 2	14° 6	3°10	24°28	3° 6	19°31	20°46	0°31	n.a.	T 23
W24	21 26 28	19°34'17	4♍23	9°32	22°47	12°16	29°14	14° 5	3° 8	24°26	3° 5	19°28	20°43	0°38	n.a.	W24
T 25	21 30 25	20°33'28	17°51	9°21	24° 1	12°41	29°26	14° 5	3° 6	24°25	3° 4	19°D27	20°40	0°45	n.a.	T 25
F 26	21 34 22	21°32'42	1♎30	9° 2	25°15	13° 6	29°37	14° 4	3° 3	24°23	3° 3	19°28	20°37	0°52	n.a.	F 26
S 27	21 38 18	22°31'57	15°19	8°35	26°28	13°30	29°49	14° 4	3° 1	24°21	3° 2	19°29	20°34	0°58	n.a.	S 27
S 28	21 42 15	23°31'14	29°17	8° 1	27°42	13°54	0♎ 1	14° 4	2°59	24°20	3° 2	19°31	20°30	1° 5	n.a.	S 28
M29	21 46 11	24°30'34	13♏21	7°18	28°56	14°17	0°13	14° 4	2°57	24°18	3° 1	19°32	20°27	1°12	n.a.	M29
T 30	21 50 8	25°29'55	27°31	6°29	0♌10	14°41	0°25	14°D 4	2°55	24°16	3° 0	19°R32	20°24	1°18	n.a.	T 30
W31	21 54 4	26♌29'18	11♐45	5♍32	1♌24	15♉ 3	0♎37	14♐ 4	2♒52	24♒15	2♈59	19♓31	20♓21	1♊25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n 5	15s42	3s24	13n30	0s53	23n20	0s24	10n40	1s29	3n 6	1n14	22s34	0n23	20s17	0s45	14s49	1s32	13s20	16s 4	3s43	3s15	24n38			n.a.
T 2	20 54	21 8	4 14	12 57	1 2	23 25	0 21	10 52	1 28	3 2	1 14	22 33	0 23	20 18	0 45	14 50	1 32	13 21	16 4	3 43	3 16	24 40			n.a.
W 3	20 42	25 25	4 49	12 23	1 10	23 30	0 18	11 4	1 28	2 57	1 13	22 33	0 23	20 19	0 45	14 50	1 32	13 21	16 4	3 45	3 17	24 42			n.a.
T 4	20 29	28 6	5 5	11 51	1 19	23 35	0 14	11 15	1 27	2 53	1 13	22 33	0 22	20 19	0 45	14 51	1 32	13 22	16 5	3 47	3 19	24 44			n.a.
F 5	20 16	28 52	5 2	11 18	1 28	23 38	0 11	11 27	1 27	2 49	1 13	22 33	0 22	20 20	0 45	14 51	1 32	13 22	16 5	3 50	3 20	24 45			n.a.
S 6	20 3	27 36	4 39	10 46	1 37	23 41	0 8	11 38	1 26	2 45	1 13	22 33	0 22	20 20	0 45	14 52	1 32	13 23	16 5	3 53	3 21	24 47			n.a.
S 7	19 50	24 31	3 59	10 14	1 46	23 43	0 5	11 49	1 25	2 40	1 13	22 33	0 22	20 21	0 45	14 52	1 32	13 23	16 5	3 56	3 23	24 49			n.a.
M 8	19 36	19 59	3 4	9 43	1 55	23 45	0 2	12 0	1 25	2 36	1 12	22 32	0 22	20 21	0 45	14 53	1 32	13 23	16 6	3 58	3 24	24 51			n.a.
T 9	19 22	14 29	2 0	9 13	2 4	23 46	0n 1	12 11	1 24	2 32	1 12	22 32	0 22	20 22	0 45	14 53	1 32	13 24	16 6	4 0	3 25	24 53			n.a.
W10	19 7	8 27	0 50	8 44	2 13	23 46	0 4	12 22	1 23	2 27	1 12	22 32	0 22	20 23	0 45	14 54	1 32	13 24	16 6	4 1	3 26	24 55			n.a.
T 11	18 52	2 14	0n20	8 15	2 21	23 45	0 7	12 32	1 23	2 23	1 12	22 32	0 22	20 23	0 45	14 55	1 32	13 25	16 6	4 1	3 28	24 57			n.a.
F 12	18 37	3n54	1 27	7 47	2 30	23 44	0 10	12 43	1 22	2 18	1 12	22 32	0 22	20 24	0 45	14 55	1 32	13 25	16 7	4 1	3 29	24 59			n.a.
S 13	18 22	9 44	2 29	7 21	2 38	23 42	0 12	12 53	1 21	2 14	1 11	22 32	0 21	20 24	0 45	14 56	1 32	13 26	16 7	4 0	3 30	25 0			n.a.
S 14	18 6	15 6	3 23	6 56	2 46	23 39	0 15	13 3	1 20	2 9	1 11	22 32	0 21	20 25	0 45	14 56	1 32	13 26	16 7	3 59	3 31	25 2			n.a.
M15	17 50	19 50	4 7	6 33	2 54	23 36	0 18	13 13	1 20	2 5	1 11	22 32	0 21	20 25	0 45	14 57	1 32	13 27	16 7	3 59	3 33	25 4			n.a.
T 16	17 33	23 45	4 41	6 11	3 2	23 32	0 21	13 23	1 19	2 0	1 11	22 32	0 21	20 26	0 45	14 57	1 32	13 27	16 8	4 0	3 34	25 6			n.a.
W17	17 17	26 42	5 2	5 51	3 9	23 27	0 24	13 33	1 18	1 56	1 11	22 32	0 21	20 27	0 45	14 58	1 32	13 28	16 8	4 1	3 35	25 8			n.a.
T 18	17 0	28 28	5 10	5 33	3 16	23 21	0 26	13 43	1 17	1 51	1 11	22 32	0 21	20 27	0 45	14 59	1 32	13 28	16 8	4 2	3 37	25 9			n.a.
F 19	16 42	28 55	5 5	5 17	3 22	23 15	0 29	13 52	1 16	1 46	1 10	22 32	0 21	20 28	0 45	14 59	1 32	13 29	16 8	4 5	3 38	25 11			n.a.
S 20	16 25	27 57	4 46	5 4	3 28	23 8	0 32	14 2	1 16	1 41	1 10	22 32	0 21	20 28	0 45	15 0	1 32	13 29	16 9	4 7	3 39	25 13			n.a.
S 21	16 7	25 33	4 13	4 53	3 33	23 0	0 34	14 11	1 15	1 37	1 10	22 32	0 20	20 29	0 45	15 0	1 32	13 30	16 9	4 9	3 40	25 15			n.a.
M22	15 49	21 51	3 27	4 46	3 37	22 52	0 37	14 20	1 14	1 32	1 10	22 32	0 20	20 29	0 45	15 1	1 32	13 30	16 9	4 11	3 42	25 17			n.a.
T 23	15 30	17 2	2 29	4 42	3 40	22 43	0 39	14 29	1 13	1 27	1 10	22 32	0 20	20 30	0 45	15 1	1 32	13 31	16 9	4 13	3 43	25 18			n.a.
W24	15 11	11 19	1 22	4 41	3 43	22 33	0 42	14 37	1 12	1 22	1 10	22 32	0 20	20 30	0 45	15 2	1 32	13 31	16 10	4 14	3 44	25 20			n.a.
T 25	14 52	5 1	0 9	4 44	3 44	22 23	0 44	14 46	1 11	1 17	1 9	22 32	0 20	20 31	0 45	15 3	1 32	13 32	16 10	4 14	3 45	25 22			n.a.
F 26	14 33	1s36	1s 6	4 52	3 44	22 12	0 47	14 55	1 10	1 13	1 9	22 32	0 20	20 31	0 45	15 3	1 32	13 32	16 10	4 14	3 47	25 24			n.a.
S 27	14 14	8 14	2 17	5 3	3 42	22 0	0 49	15 3	1 9	1 8	1 9	22 32	0 20	20 32	0 45	15 4	1 32	13 33	16 10	4 14	3 48	25 25			n.a.
S 28	13 54	14 31	3 21	5 19	3 39	21 48	0 51	15 11	1 8	1 3	1 9	22 32	0 20	20 32	0 45	15 4	1 32	13 33	16 10	4 13	3 49	25 27			n.a.
M29	13 34	20 8	4 14	5 40	3 34	21 34	0 53	15 19	1 7	0 58	1 9	22 32	0 19	20 33	0 45	15 5	1 32	13 34	16 11	4 13	3 50	25 29			n.a.
T 30	13 14	24 39	4 51	6 5	3 27	21 21	0 55	15 27	1 6	0 53	1 9	22 32	0 19	20 33	0 45	15 6	1 32	13 34	16 11	4 12	3 52	25 31			n.a.
W31	12n53	27s42	5s11	6n34	3s18	21n 6	0n58	15n35	1s 5	0n48	1n 8	22s32	0n19	20s34	0s45	15s 6	1s32	13s35	16s11	4s13	3s53	25n32			n.a.

Julian Day Number = 1318764.5, Delta T = 07h34m51s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'36, Lahiri = -19°10'36 Julian Calendar 1 Aug. 1103 BCE == Greg. Calendar 21 July 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

SEPTEMBER 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 58 1	27♌28'43	25♐59	4°R30	2♌38	15♉25	0♎49	14♐ 4	2°R50	24°R13	2°R58	19°R30	20♓18	1♊32	n.a.	T 1
F 2	22 1 57	28°28'10	10♑12	3♍22	3°53	15°47	1° 1	14° 4	2♒48	24♒11	2♈57	19♓27	20°15	1°39	n.a.	F 2
S 3	22 5 54	29°27'39	24°19	2°12	5° 7	16° 9	1°13	14° 5	2°46	24°10	2°56	19°24	20°11	1°45	n.a.	S 3
S 4	22 9 51	0♍27'10	8♒17	1° 0	6°21	16°30	1°26	14° 5	2°44	24° 8	2°55	19°22	20° 8	1°52	n.a.	S 4
M 5	22 13 47	1°26'43	22° 2	29♌48	7°36	16°50	1°38	14° 6	2°42	24° 6	2°54	19°19	20° 5	1°59	n.a.	M 5
T 6	22 17 44	2°26'18	5♓31	28°39	8°50	17°10	1°50	14° 6	2°40	24° 5	2°53	19°18	20° 2	2° 5	n.a.	T 6
W 7	22 21 40	3°25'55	18°43	27°35	10° 4	17°29	2° 3	14° 7	2°38	24° 3	2°52	19°D18	19°59	2°12	n.a.	W 7
T 8	22 25 37	4°25'35	1♈36	26°37	11°19	17°48	2°15	14° 8	2°36	24° 1	2°52	19°18	19°56	2°19	n.a.	T 8
F 9	22 29 33	5°25'16	14°11	25°47	12°33	18° 7	2°28	14° 9	2°34	24° 0	2°51	19°19	19°52	2°26	n.a.	F 9
S 10	22 33 30	6°25'00	26°30	25° 6	13°48	18°25	2°41	14°10	2°32	23°58	2°50	19°20	19°49	2°32	n.a.	S 10
S 11	22 37 26	7°24'46	8♉37	24°36	15° 3	18°42	2°53	14°11	2°30	23°57	2°49	19°21	19°46	2°39	n.a.	S 11
M12	22 41 23	8°24'35	20°35	24°17	16°17	18°59	3° 6	14°13	2°29	23°55	2°48	19°22	19°43	2°46	n.a.	M12
T 13	22 45 19	9°24'26	2♊27	24°D 9	17°32	19°15	3°19	14°14	2°27	23°53	2°46	19°23	19°40	2°52	n.a.	T 13
W14	22 49 16	10°24'20	14°20	24°12	18°47	19°31	3°31	14°15	2°25	23°52	2°45	19°R23	19°36	2°59	n.a.	W14
T 15	22 53 13	11°24'16	26°18	24°26	20° 1	19°46	3°44	14°17	2°23	23°50	2°44	19°23	19°33	3° 6	n.a.	T 15
F 16	22 57 9	12°24'14	8♋24	24°51	21°16	20° 1	3°57	14°19	2°22	23°49	2°43	19°22	19°30	3°13	n.a.	F 16
S 17	23 1 6	13°24'14	20°44	25°25	22°31	20°15	4°10	14°20	2°20	23°47	2°42	19°21	19°27	3°19	n.a.	S 17
S 18	23 5 2	14°24'17	3♌21	26° 8	23°46	20°28	4°23	14°22	2°18	23°45	2°41	19°20	19°24	3°26	n.a.	S 18
M19	23 8 59	15°24'22	16°17	26°59	25° 1	20°41	4°36	14°24	2°17	23°44	2°40	19°20	19°21	3°33	n.a.	M19
T 20	23 12 55	16°24'29	29°33	27°57	26°16	20°53	4°49	14°26	2°15	23°42	2°39	19°19	19°17	3°40	n.a.	T 20
W21	23 16 52	17°24'38	13♍ 8	29° 2	27°31	21° 4	5° 2	14°29	2°14	23°41	2°38	19°19	19°14	3°46	n.a.	W21
T 22	23 20 48	18°24'49	27° 2	0♍12	28°46	21°15	5°15	14°31	2°12	23°39	2°37	19°D19	19°11	3°53	n.a.	T 22
F 23	23 24 45	19°25'02	11♎ 9	1°27	0♍ 1	21°25	5°28	14°33	2°11	23°38	2°36	19°R19	19° 8	4° 0	n.a.	F 23
S 24	23 28 42	20°25'17	25°27	2°46	1°16	21°35	5°41	14°36	2°10	23°36	2°35	19°19	19° 5	4° 6	n.a.	S 24
S 25	23 32 38	21°25'33	9♏49	4° 8	2°31	21°43	5°54	14°38	2° 8	23°35	2°34	19°19	19° 1	4°13	n.a.	S 25
M26	23 36 35	22°25'52	24°13	5°34	3°47	21°51	6° 7	14°41	2° 7	23°34	2°32	19°19	18°58	4°20	n.a.	M26
T 27	23 40 31	23°26'12	8♐33	7° 2	5° 2	21°58	6°21	14°44	2° 6	23°32	2°31	19°19	18°55	4°27	n.a.	T 27
W28	23 44 28	24°26'34	22°47	8°31	6°17	22° 5	6°34	14°46	2° 5	23°31	2°30	19°D18	18°52	4°33	n.a.	W28
T 29	23 48 24	25°26'57	6♑51	10° 3	7°32	22°11	6°47	14°49	2° 3	23°29	2°29	19°19	18°49	4°40	n.a.	T 29
F 30	23 52 21	26♍27'22	20♑45	11♍36	8♍48	22♉16	7♎ 0	14♐52	2♒ 2	23♒28	2♈28	19♓19	18♓46	4♊47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n33	28s58	5s12	7n 7	3s 7	20n51	1n 0	15n42	1s 4	0n43	1n 8	22s33	0n19	20s34	0s45	15s 7	1s32	13s35	16s11	4s13	3s54	25n34		n.a.
F 2	12 12	28 19	4 54	7 44	2 54	20 36	1 2	15 50	1 3	0 38	1 8	22 33	0 19	20 35	0 45	15 7	1 32	13 36	16 11	4 14	3 56	25 36		n.a.
S 3	11 51	25 50	4 18	8 23	2 39	20 19	1 4	15 57	1 2	0 33	1 8	22 33	0 19	20 35	0 45	15 8	1 32	13 36	16 11	4 16	3 57	25 37		n.a.
S 4	11 30	21 49	3 27	9 5	2 23	20 3	1 5	16 4	1 1	0 27	1 8	22 33	0 19	20 36	0 45	15 8	1 32	13 37	16 12	4 17	3 58	25 39		n.a.
M 5	11 8	16 40	2 25	9 47	2 5	19 45	1 7	16 11	1 0	0 22	1 8	22 33	0 19	20 36	0 45	15 9	1 32	13 37	16 12	4 18	3 59	25 41		n.a.
T 6	10 46	10 48	1 15	10 29	1 46	19 27	1 9	16 18	0 58	0 17	1 8	22 33	0 19	20 37	0 45	15 9	1 32	13 38	16 12	4 18	4 1	25 43		n.a.
W 7	10 25	4 35	0 3	11 10	1 26	19 8	1 11	16 25	0 57	0 12	1 8	22 34	0 18	20 37	0 45	15 10	1 32	13 38	16 12	4 18	4 2	25 44		n.a.
T 8	10 3	1n40	1n 7	11 49	1 5	18 49	1 12	16 31	0 56	0 7	1 7	22 34	0 18	20 38	0 45	15 11	1 32	13 39	16 12	4 18	4 3	25 46		n.a.
F 9	9 40	7 43	2 13	12 26	0 45	18 29	1 14	16 38	0 55	0 2	1 7	22 34	0 18	20 38	0 45	15 11	1 32	13 39	16 12	4 18	4 4	25 47		n.a.
S 10	9 18	13 21	3 12	12 58	0 25	18 9	1 15	16 44	0 53	0s 3	1 7	22 34	0 18	20 38	0 45	15 12	1 32	13 40	16 12	4 17	4 6	25 49		n.a.
S 11	8 56	18 23	4 0	13 27	0 6	17 48	1 17	16 50	0 52	0 9	1 7	22 35	0 18	20 39	0 45	15 12	1 32	13 40	16 13	4 17	4 7	25 51		n.a.
M12	8 33	22 38	4 38	13 50	0n13	17 27	1 18	16 56	0 51	0 14	1 7	22 35	0 18	20 39	0 45	15 13	1 32	13 41	16 13	4 16	4 8	25 52		n.a.
T 13	8 10	25 56	5 3	14 9	0 30	17 5	1 19	17 2	0 49	0 19	1 7	22 35	0 18	20 40	0 45	15 13	1 32	13 41	16 13	4 16	4 9	25 54		n.a.
W14	7 47	28 7	5 15	14 23	0 45	16 43	1 21	17 8	0 48	0 24	1 7	22 35	0 18	20 40	0 45	15 14	1 32	13 42	16 13	4 16	4 11	25 56		n.a.
T 15	7 24	29 1	5 14	14 31	1 0	16 20	1 22	17 13	0 47	0 30	1 7	22 36	0 18	20 40	0 45	15 14	1 32	13 42	16 13	4 16	4 12	25 57		n.a.
F 16	7 1	28 32	4 59	14 35	1 12	15 57	1 23	17 18	0 45	0 35	1 6	22 36	0 17	20 41	0 45	15 15	1 32	13 43	16 13	4 17	4 13	25 59		n.a.
S 17	6 38	26 39	4 31	14 34	1 24	15 33	1 24	17 24	0 44	0 40	1 6	22 36	0 17	20 41	0 45	15 15	1 32	13 43	16 13	4 17	4 15	26 0		n.a.
S 18	6 14	23 25	3 48	14 28	1 33	15 9	1 25	17 29	0 42	0 45	1 6	22 37	0 17	20 41	0 45	15 16	1 32	13 44	16 13	4 17	4 16	26 2		n.a.
M19	5 51	18 58	2 53	14 18	1 42	14 44	1 26	17 34	0 41	0 51	1 6	22 37	0 17	20 42	0 45	15 16	1 32	13 44	16 13	4 17	4 17	26 4		n.a.
T 20	5 27	13 29	1 47	14 4	1 49	14 19	1 26	17 38	0 39	0 56	1 6	22 37	0 17	20 42	0 45	15 17	1 32	13 45	16 14	4 18	4 18	26 5		n.a.
W21	5 3	7 15	0 34	13 47	1 54	13 53	1 27	17 43	0 38	1 1	1 6	22 38	0 17	20 42	0 45	15 17	1 32	13 45	16 14	4 18	4 20	26 7		n.a.
T 22	4 39	0 33	0s43	13 26	1 59	13 28	1 28	17 47	0 36	1 7	1 6	22 38	0 17	20 43	0 45	15 18	1 32	13 46	16 14	4 18	4 21	26 8		n.a.
F 23	4 15	6s17	1 58	13 2	2 2	13 1	1 28	17 51	0 34	1 12	1 6	22 39	0 17	20 43	0 45	15 18	1 32	13 46	16 14	4 18	4 22	26 10		n.a.
S 24	3 51	12 53	3 7	12 35	2 4	12 35	1 29	17 56	0 33	1 17	1 6	22 39	0 17	20 43	0 45	15 19	1 32	13 47	16 14	4 18	4 23	26 11		n.a.
S 25	3 27	18 51	4 5	12 6	2 6	12 8	1 29	17 59	0 31	1 23	1 6	22 39	0 16	20 44	0 45	15 19	1 32	13 47	16 14	4 18	4 25	26 13		n.a.
M26	3 3	23 46	4 47	11 34	2 6	11 40	1 30	18 3	0 29	1 28	1 5	22 40	0 16	20 44	0 45	15 20	1 32	13 48	16 14	4 18	4 26	26 14		n.a.
T 27	2 39	27 12	5 11	11 1	2 6	11 13	1 30	18 7	0 28	1 34	1 5	22 40	0 16	20 44	0 45	15 20	1 32	13 48	16 14	4 18	4 27	26 16		n.a.
W28	2 15	28 53	5 16	10 26	2 5	10 45	1 30	18 10	0 26	1 39	1 5	22 41	0 16	20 44	0 44	15 21	1 32	13 49	16 14	4 18	4 28	26 18		n.a.
T 29	1 50	28 41	5 2	9 49	2 3	10 17	1 30	18 13	0 24	1 44	1 5	22 41	0 16	20 45	0 44	15 21	1 32	13 49	16 14	4 18	4 30	26 19		n.a.
F 30	1n26	26s39	4s31	9n11	2n 0	9n48	1n31	18n17	0s22	1s50	1n 5	22s42	0n16	20s45	0s44	15s22	1s32	13s50	16s14	4s18	4s31	26n21		n.a.

Julian Day Number = 1318795.5, Delta T = 07h34m49s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'32, Lahiri = -19°10'31 Julian Calendar 1 Sept. 1103 BCE == Greg. Calendar 21 Aug. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

OCTOBER 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 17	27♍27'48	4♒28	13♍10	10♍ 3	22♉20	7♎14	14♐55	2°R 1	23°R27	2°R27	19♓20	18♓42	4♊53	n.a.	S 1
S 2	0 0 14	28°28'15	17°58	14°45	11°18	22°23	7°27	14°59	2♒ 0	23♒25	2♈26	19°21	18°39	5° 0	n.a.	S 2
M 3	0 4 11	29°28'45	1♓15	16°20	12°33	22°26	7°40	15° 2	1°59	23°24	2°25	19°21	18°36	5° 7	n.a.	M 3
T 4	0 8 7	0♎29'15	14°20	17°56	13°49	22°28	7°53	15° 5	1°58	23°23	2°23	19°R22	18°33	5°14	n.a.	T 4
W 5	0 12 4	1°29'48	27°11	19°32	15° 4	22°29	8° 7	15° 9	1°57	23°22	2°22	19°22	18°30	5°20	n.a.	W 5
T 6	0 16 0	2°30'22	9♈49	21° 9	16°20	22°R29	8°20	15°12	1°57	23°20	2°21	19°21	18°27	5°27	n.a.	T 6
F 7	0 19 57	3°30'58	22°15	22°45	17°35	22°28	8°34	15°16	1°56	23°19	2°20	19°19	18°23	5°34	n.a.	F 7
S 8	0 23 53	4°31'35	4♉29	24°22	18°50	22°27	8°47	15°20	1°55	23°18	2°19	19°17	18°20	5°40	n.a.	S 8
S 9	0 27 50	5°32'15	16°33	25°59	20° 6	22°25	9° 0	15°23	1°54	23°17	2°18	19°15	18°17	5°47	n.a.	S 9
M10	0 31 46	6°32'56	28°30	27°35	21°21	22°21	9°14	15°27	1°54	23°16	2°17	19°12	18°14	5°54	n.a.	M10
T 11	0 35 43	7°33'39	10♊22	29°12	22°37	22°17	9°27	15°31	1°53	23°15	2°16	19°10	18°11	6° 1	n.a.	T 11
W12	0 39 39	8°34'23	22°14	0♎48	23°52	22°13	9°40	15°35	1°53	23°14	2°14	19° 8	18° 7	6° 7	n.a.	W12
T 13	0 43 36	9°35'10	4♋10	2°24	25° 8	22° 7	9°54	15°39	1°52	23°13	2°13	19° 7	18° 4	6°14	n.a.	T 13
F 14	0 47 33	10°35'58	16°14	4° 0	26°23	22° 0	10° 7	15°44	1°52	23°12	2°12	19°D 7	18° 1	6°21	n.a.	F 14
S 15	0 51 29	11°36'48	28°31	5°36	27°39	21°53	10°21	15°48	1°51	23°11	2°11	19° 8	17°58	6°28	n.a.	S 15
S 16	0 55 26	12°37'40	11♌ 5	7°12	28°54	21°44	10°34	15°52	1°51	23°10	2°10	19° 9	17°55	6°34	n.a.	S 16
M17	0 59 22	13°38'33	24° 1	8°48	0♎10	21°35	10°48	15°57	1°51	23° 9	2° 9	19°11	17°52	6°41	n.a.	M17
T 18	1 3 19	14°39'28	7♍22	10°23	1°26	21°25	11° 1	16° 1	1°50	23° 8	2° 8	19°12	17°48	6°48	n.a.	T 18
W19	1 7 15	15°40'24	21° 8	11°58	2°41	21°14	11°14	16° 6	1°50	23° 7	2° 7	19°R13	17°45	6°54	n.a.	W19
T 20	1 11 12	16°41'21	5♎18	13°34	3°57	21° 2	11°28	16°11	1°50	23° 6	2° 5	19°12	17°42	7° 1	n.a.	T 20
F 21	1 15 8	17°42'20	19°50	15° 9	5°12	20°50	11°41	16°15	1°50	23° 5	2° 4	19° 9	17°39	7° 8	n.a.	F 21
S 22	1 19 5	18°43'20	4♏35	16°43	6°28	20°36	11°55	16°20	1°D50	23° 4	2° 3	19° 6	17°36	7°15	n.a.	S 22
S 23	1 23 2	19°44'22	19°28	18°18	7°44	20°22	12° 8	16°25	1°50	23° 4	2° 2	19° 1	17°33	7°21	n.a.	S 23
M24	1 26 58	20°45'24	4♐19	19°53	8°59	20° 7	12°21	16°30	1°50	23° 3	2° 1	18°56	17°29	7°28	n.a.	M24
T 25	1 30 55	21°46'28	19° 0	21°27	10°15	19°51	12°35	16°35	1°50	23° 2	2° 0	18°52	17°26	7°35	n.a.	T 25
W26	1 34 51	22°47'32	3♑27	23° 2	11°31	19°35	12°48	16°40	1°50	23° 2	1°59	18°49	17°23	7°41	n.a.	W26
T 27	1 38 48	23°48'37	17°35	24°36	12°46	19°18	13° 1	16°45	1°50	23° 1	1°58	18°D48	17°20	7°48	n.a.	T 27
F 28	1 42 44	24°49'42	1♒24	26°10	14° 2	19° 0	13°15	16°51	1°51	23° 0	1°57	18°48	17°17	7°55	n.a.	F 28
S 29	1 46 41	25°50'48	14°53	27°45	15°17	18°41	13°28	16°56	1°51	23° 0	1°56	18°49	17°13	8° 2	n.a.	S 29
S 30	1 50 38	26°51'55	28° 4	29°19	16°33	18°22	13°41	17° 1	1°51	22°59	1°55	18°50	17°10	8° 8	n.a.	S 30
M31	1 54 34	27♎53'02	11♓ 0	0♏53	17♎49	18♉ 2	13♎54	17♐ 7	1♒52	22♒59	1♈54	18♓52	17♓ 7	8♊15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n 1	23s 4	3s44	8n31	1n58	9n19	1n31	18n20	0s20	1s55	1n 5	22s42	0n16	20s45	0s44	15s22	1s32	13s50	16s14	4s17	4s32	26n22		n.a.
S 2	0 37	18 19	2 45	7 51	1 54	8 50	1 31	18 22	0 18	2 1	1 5	22 42	0 16	20 45	0 44	15 22	1 32	13 51	16 14	4 17	4 34	26 24		n.a.
M 3	0 13	12 44	1 39	7 10	1 50	8 21	1 30	18 25	0 16	2 6	1 5	22 43	0 16	20 46	0 44	15 23	1 32	13 51	16 14	4 17	4 35	26 25		n.a.
T 4	0s12	6 41	0 28	6 28	1 46	7 51	1 30	18 27	0 14	2 11	1 5	22 43	0 15	20 46	0 44	15 23	1 32	13 52	16 14	4 17	4 36	26 26		n.a.
W 5	0 36	0 29	0n43	5 46	1 42	7 21	1 30	18 29	0 12	2 17	1 5	22 44	0 15	20 46	0 44	15 24	1 32	13 52	16 14	4 17	4 37	26 28		n.a.
T 6	1 1	5n39	1 51	5 3	1 37	6 51	1 30	18 32	0 10	2 22	1 5	22 44	0 15	20 46	0 44	15 24	1 32	13 52	16 14	4 17	4 39	26 29		n.a.
F 7	1 25	11 27	2 52	4 19	1 32	6 21	1 29	18 33	0 8	2 28	1 5	22 45	0 15	20 46	0 44	15 24	1 32	13 53	16 14	4 18	4 40	26 31		n.a.
S 8	1 50	16 44	3 44	3 35	1 26	5 51	1 29	18 35	0 6	2 33	1 5	22 45	0 15	20 46	0 44	15 25	1 32	13 53	16 14	4 18	4 41	26 32		n.a.
S 9	2 14	21 17	4 25	2 51	1 21	5 20	1 28	18 37	0 4	2 38	1 5	22 46	0 15	20 46	0 44	15 25	1 32	13 54	16 14	4 19	4 42	26 34		n.a.
M10	2 38	24 56	4 55	2 7	1 15	4 49	1 28	18 38	0 2	2 44	1 4	22 46	0 15	20 47	0 44	15 26	1 32	13 54	16 14	4 20	4 44	26 35		n.a.
T 11	3 3	27 30	5 11	1 23	1 9	4 18	1 27	18 39	0n 1	2 49	1 4	22 47	0 15	20 47	0 44	15 26	1 32	13 55	16 14	4 21	4 45	26 37		n.a.
W12	3 27	28 50	5 14	0 38	1 3	3 47	1 26	18 40	0 3	2 55	1 4	22 48	0 15	20 47	0 44	15 26	1 32	13 55	16 14	4 22	4 46	26 38		n.a.
T 13	3 51	28 50	5 4	0s 7	0 57	3 16	1 26	18 41	0 5	3 0	1 4	22 48	0 15	20 47	0 44	15 27	1 32	13 55	16 14	4 23	4 47	26 39		n.a.
F 14	4 16	27 28	4 40	0 51	0 50	2 45	1 25	18 41	0 8	3 5	1 4	22 49	0 14	20 47	0 44	15 27	1 32	13 56	16 14	4 23	4 49	26 41		n.a.
S 15	4 40	24 46	4 4	1 35	0 44	2 14	1 24	18 41	0 10	3 11	1 4	22 49	0 14	20 47	0 44	15 27	1 32	13 56	16 13	4 22	4 50	26 42		n.a.
S 16	5 4	20 50	3 14	2 20	0 37	1 42	1 23	18 42	0 12	3 16	1 4	22 50	0 14	20 47	0 44	15 27	1 32	13 56	16 13	4 22	4 51	26 43		n.a.
M17	5 28	15 50	2 14	3 4	0 31	1 11	1 22	18 41	0 15	3 22	1 4	22 50	0 14	20 47	0 44	15 28	1 32	13 57	16 13	4 21	4 52	26 45		n.a.
T 18	5 52	9 57	1 5	3 48	0 24	0 39	1 21	18 41	0 17	3 27	1 4	22 51	0 14	20 47	0 44	15 28	1 32	13 57	16 13	4 20	4 54	26 46		n.a.
W19	6 16	3 25	0s11	4 32	0 18	0 8	1 20	18 41	0 20	3 32	1 4	22 52	0 14	20 47	0 44	15 28	1 32	13 58	16 13	4 20	4 55	26 48		n.a.
T 20	6 40	3s28	1 27	5 16	0 11	0s24	1 19	18 40	0 22	3 38	1 4	22 52	0 14	20 47	0 44	15 29	1 31	13 58	16 13	4 21	4 56	26 49		n.a.
F 21	7 3	10 20	2 40	5 59	0 5	0 55	1 17	18 39	0 25	3 43	1 4	22 53	0 14	20 47	0 44	15 29	1 31	13 58	16 13	4 22	4 57	26 50		n.a.
S 22	7 27	16 45	3 43	6 42	0s 2	1 27	1 16	18 38	0 27	3 48	1 4	22 53	0 14	20 47	0 44	15 29	1 31	13 59	16 13	4 23	4 59	26 52		n.a.
S 23	7 51	22 14	4 32	7 25	0 8	1 58	1 15	18 36	0 30	3 54	1 4	22 54	0 14	20 47	0 44	15 29	1 31	13 59	16 13	4 25	5 0	26 53		n.a.
M24	8 14	26 17	5 2	8 7	0 15	2 30	1 13	18 35	0 32	3 59	1 4	22 55	0 13	20 47	0 44	15 29	1 31	13 59	16 13	4 27	5 1	26 54		n.a.
T 25	8 37	28 32	5 12	8 49	0 21	3 2	1 12	18 33	0 35	4 4	1 4	22 55	0 13	20 47	0 44	15 30	1 31	13 59	16 12	4 28	5 3	26 56		n.a.
W26	9 0	28 49	5 2	9 31	0 28	3 33	1 10	18 31	0 37	4 10	1 4	22 56	0 13	20 47	0 44	15 30	1 31	14 0	16 12	4 30	5 4	26 57		n.a.
T 27	9 23	27 10	4 33	10 12	0 34	4 4	1 9	18 28	0 40	4 15	1 4	22 56	0 13	20 47	0 44	15 30	1 31	14 0	16 12	4 30	5 5	26 58		n.a.
F 28	9 46	23 54	3 50	10 53	0 40	4 36	1 7	18 26	0 43	4 20	1 4	22 57	0 13	20 47	0 44	15 30	1 31	14 0	16 12	4 30	5 6	26 59		n.a.
S 29	10 9	19 24	2 54	11 33	0 46	5 7	1 5	18 23	0 45	4 25	1 4	22 58	0 13	20 47	0 44	15 30	1 31	14 1	16 12	4 30	5 8	27 1		n.a.
S 30	10 31	14 4	1 51	12 13	0 52	5 38	1 4	18 20	0 48	4 31	1 4	22 58	0 13	20 46	0 43	15 30	1 31	14 1	16 12	4 29	5 9	27 2		n.a.
M31	10s53	8s13	0s43	12s52	0s58	6s 9	1n 2	18n17	0n50	4s36	1n 4	22s59	0n13	20s46	0s43	15s31	1s31	14s 1	16s12	4s29	5s10	27n 3		n.a.

Julian Day Number = 1318825.5, Delta T = 07h34m47s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'28, Lahiri = -19°10'27 Julian Calendar 1 Oct. 1103 BCE == Greg. Calendar 20 Sept. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

NOVEMBER 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 31	28♎54'10	23♓42	2♏28	19♎ 4	17°R42	14♎ 8	17♐12	1♒52	22°R58	1°R53	18°R52	17♓ 4	8♊22	n.a.	T 1
W 2	2 2 27	29°55'19	6♈14	4° 2	20°20	17♉21	14°21	17°18	1°53	22♒58	1♈52	18♓50	17° 1	8°29	n.a.	W 2
T 3	2 6 24	0♏56'28	18°35	5°36	21°36	17° 0	14°34	17°23	1°53	22°57	1°51	18°47	16°58	8°35	n.a.	T 3
F 4	2 10 20	1°57'38	0♉48	7°11	22°51	16°38	14°47	17°29	1°54	22°57	1°50	18°41	16°54	8°42	n.a.	F 4
S 5	2 14 17	2°58'49	12°54	8°45	24° 7	16°15	15° 0	17°35	1°55	22°57	1°49	18°33	16°51	8°49	n.a.	S 5
S 6	2 18 13	4° 0'01	24°53	10°20	25°22	15°53	15°13	17°41	1°55	22°56	1°48	18°24	16°48	8°55	n.a.	S 6
M 7	2 22 10	5° 1'13	6♊48	11°55	26°38	15°30	15°26	17°46	1°56	22°56	1°47	18°14	16°45	9° 2	n.a.	M 7
T 8	2 26 7	6° 2'26	18°39	13°29	27°54	15° 7	15°39	17°52	1°57	22°56	1°46	18° 5	16°42	9° 9	n.a.	T 8
W 9	2 30 3	7° 3'40	0♋31	15° 4	29° 9	14°43	15°52	17°58	1°58	22°56	1°45	17°58	16°39	9°16	n.a.	W 9
T 10	2 34 0	8° 4'54	12°25	16°39	0♏25	14°20	16° 5	18° 4	1°59	22°56	1°44	17°52	16°35	9°22	n.a.	T 10
F 11	2 37 56	9° 6'10	24°26	18°14	1°41	13°56	16°18	18°10	2° 0	22°55	1°43	17°48	16°32	9°29	n.a.	F 11
S 12	2 41 53	10° 7'25	6♌38	19°49	2°56	13°32	16°31	18°16	2° 1	22°55	1°43	17°D47	16°29	9°36	n.a.	S 12
S 13	2 45 49	11° 8'42	19° 7	21°24	4°12	13° 8	16°44	18°23	2° 2	22°55	1°42	17°47	16°26	9°42	n.a.	S 13
M14	2 49 46	12° 9'59	1♍56	22°59	5°27	12°44	16°57	18°29	2° 3	22°D55	1°41	17°48	16°23	9°49	n.a.	M14
T 15	2 53 42	13°11'17	15°11	24°34	6°43	12°20	17°10	18°35	2° 4	22°55	1°40	17°R49	16°19	9°56	n.a.	T 15
W16	2 57 39	14°12'35	28°54	26° 9	7°59	11°56	17°22	18°41	2° 6	22°55	1°39	17°48	16°16	10° 3	n.a.	W16
T 17	3 1 36	15°13'54	13♎ 6	27°44	9°14	11°33	17°35	18°48	2° 7	22°55	1°38	17°46	16°13	10° 9	n.a.	T 17
F 18	3 5 32	16°15'13	27°45	29°19	10°30	11° 9	17°48	18°54	2° 8	22°55	1°38	17°40	16°10	10°16	n.a.	F 18
S 19	3 9 29	17°16'32	12♏46	0♐54	11°45	10°46	18° 0	19° 1	2°10	22°56	1°37	17°33	16° 7	10°23	n.a.	S 19
S 20	3 13 25	18°17'52	28° 0	2°28	13° 1	10°23	18°13	19° 7	2°11	22°56	1°36	17°23	16° 4	10°30	n.a.	S 20
M21	3 17 22	19°19'11	13♐15	4° 1	14°17	10° 1	18°25	19°14	2°12	22°56	1°35	17°13	16° 0	10°36	n.a.	M21
T 22	3 21 18	20°20'31	28°21	5°34	15°32	9°39	18°38	19°20	2°14	22°56	1°35	17° 4	15°57	10°43	n.a.	T 22
W23	3 25 15	21°21'50	13♑ 8	7° 7	16°48	9°17	18°50	19°27	2°16	22°57	1°34	16°57	15°54	10°50	n.a.	W23
T 24	3 29 12	22°23'09	27°31	8°38	18° 3	8°56	19° 2	19°33	2°17	22°57	1°33	16°52	15°51	10°56	n.a.	T 24
F 25	3 33 8	23°24'28	11♒26	10° 8	19°19	8°35	19°15	19°40	2°19	22°57	1°33	16°49	15°48	11° 3	n.a.	F 25
S 26	3 37 5	24°25'46	24°56	11°36	20°34	8°15	19°27	19°47	2°21	22°58	1°32	16°D48	15°44	11°10	n.a.	S 26
S 27	3 41 1	25°27'03	8♓ 2	13° 3	21°50	7°56	19°39	19°53	2°22	22°58	1°32	16°49	15°41	11°17	n.a.	S 27
M28	3 44 58	26°28'20	20°47	14°27	23° 5	7°37	19°51	20° 0	2°24	22°58	1°31	16°R49	15°38	11°23	n.a.	M28
T 29	3 48 54	27°29'37	3♈17	15°49	24°21	7°19	20° 3	20° 7	2°26	22°59	1°30	16°48	15°35	11°30	n.a.	T 29
W30	3 52 51	28♏30'53	15♈34	17♐ 8	25♏36	7♉ 1	20♎15	20♐14	2♒28	23♒ 0	1♈30	16♓44	15♓32	11♊37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s16	2s 8	0n26	13s31	1s 4	6s40	1n 0	18n14	0n53	4s41	1n 4	23s 0	0n13	20s46	0s43	15s31	1s31	14s 1	16s11	4s29	5s11	27n 5		n.a.
W 2	11 38	3n56	1 33	14 9	1 9	7 10	0 58	18 11	0 56	4 46	1 4	23 0	0 13	20 46	0 43	15 31	1 31	14 2	16 11	4 29	5 13	27 6		n.a.
T 3	11 59	9 46	2 34	14 47	1 15	7 41	0 56	18 7	0 58	4 51	1 4	23 1	0 12	20 46	0 43	15 31	1 31	14 2	16 11	4 31	5 14	27 7		n.a.
F 4	12 21	15 10	3 27	15 24	1 20	8 11	0 54	18 3	1 1	4 57	1 4	23 1	0 12	20 46	0 43	15 31	1 31	14 2	16 11	4 33	5 15	27 8		n.a.
S 5	12 42	19 55	4 10	16 0	1 25	8 41	0 53	17 59	1 4	5 2	1 4	23 2	0 12	20 46	0 43	15 31	1 31	14 2	16 11	4 36	5 16	27 9		n.a.
S 6	13 3	23 51	4 42	16 35	1 30	9 11	0 51	17 55	1 6	5 7	1 4	23 3	0 12	20 45	0 43	15 31	1 31	14 2	16 10	4 40	5 18	27 11		n.a.
M 7	13 24	26 44	5 1	17 10	1 35	9 41	0 49	17 50	1 9	5 12	1 4	23 3	0 12	20 45	0 43	15 31	1 31	14 3	16 10	4 43	5 19	27 12		n.a.
T 8	13 45	28 26	5 7	17 43	1 40	10 10	0 46	17 46	1 11	5 17	1 4	23 4	0 12	20 45	0 43	15 31	1 31	14 3	16 10	4 47	5 20	27 13		n.a.
W 9	14 5	28 49	4 59	18 16	1 44	10 40	0 44	17 41	1 14	5 22	1 4	23 5	0 12	20 45	0 43	15 31	1 31	14 3	16 10	4 50	5 21	27 14		n.a.
T 10	14 26	27 52	4 39	18 48	1 48	11 9	0 42	17 36	1 16	5 27	1 4	23 5	0 12	20 44	0 43	15 31	1 31	14 3	16 10	4 52	5 23	27 15		n.a.
F 11	14 46	25 37	4 7	19 19	1 52	11 37	0 40	17 31	1 18	5 32	1 4	23 6	0 12	20 44	0 43	15 31	1 31	14 3	16 9	4 54	5 24	27 17		n.a.
S 12	15 5	22 11	3 22	19 49	1 55	12 6	0 38	17 26	1 21	5 37	1 4	23 6	0 12	20 44	0 43	15 31	1 31	14 3	16 9	4 54	5 25	27 18		n.a.
S 13	15 25	17 40	2 28	20 18	1 58	12 34	0 36	17 21	1 23	5 42	1 4	23 7	0 12	20 44	0 43	15 31	1 31	14 4	16 9	4 54	5 26	27 19		n.a.
M14	15 44	12 16	1 24	20 46	2 1	13 2	0 34	17 16	1 25	5 47	1 4	23 8	0 11	20 43	0 43	15 31	1 30	14 4	16 9	4 54	5 28	27 20		n.a.
T 15	16 3	6 9	0 14	21 13	2 4	13 29	0 31	17 11	1 28	5 52	1 4	23 8	0 11	20 43	0 43	15 31	1 30	14 4	16 8	4 54	5 29	27 21		n.a.
W16	16 22	0s27	0s59	21 39	2 6	13 56	0 29	17 5	1 30	5 57	1 4	23 9	0 11	20 43	0 43	15 31	1 30	14 4	16 8	4 54	5 30	27 22		n.a.
T 17	16 40	7 15	2 11	22 3	2 8	14 23	0 27	17 0	1 32	6 2	1 4	23 10	0 11	20 42	0 43	15 31	1 30	14 4	16 8	4 55	5 31	27 24		n.a.
F 18	16 58	13 53	3 16	22 26	2 9	14 49	0 24	16 54	1 34	6 7	1 4	23 10	0 11	20 42	0 43	15 31	1 30	14 4	16 8	4 57	5 33	27 25		n.a.
S 19	17 16	19 53	4 10	22 47	2 10	15 15	0 22	16 49	1 36	6 12	1 4	23 11	0 11	20 42	0 43	15 31	1 30	14 4	16 7	5 0	5 34	27 26		n.a.
S 20	17 33	24 41	4 46	23 7	2 10	15 41	0 20	16 44	1 38	6 16	1 4	23 12	0 11	20 41	0 43	15 31	1 30	14 4	16 7	5 4	5 35	27 27		n.a.
M21	17 50	27 46	5 3	23 26	2 10	16 6	0 17	16 38	1 40	6 21	1 4	23 12	0 11	20 41	0 43	15 31	1 30	14 4	16 7	5 8	5 36	27 28		n.a.
T 22	18 7	28 47	4 57	23 42	2 9	16 31	0 15	16 33	1 42	6 26	1 4	23 13	0 11	20 41	0 43	15 31	1 30	14 4	16 7	5 11	5 38	27 29		n.a.
W23	18 24	27 41	4 32	23 57	2 8	16 55	0 13	16 28	1 44	6 31	1 4	23 13	0 11	20 40	0 43	15 30	1 30	14 4	16 6	5 14	5 39	27 30		n.a.
T 24	18 40	24 46	3 51	24 11	2 6	17 19	0 10	16 22	1 46	6 35	1 4	23 14	0 11	20 40	0 43	15 30	1 30	14 4	16 6	5 16	5 40	27 31		n.a.
F 25	18 56	20 27	2 56	24 22	2 4	17 43	0 8	16 17	1 47	6 40	1 4	23 15	0 11	20 39	0 43	15 30	1 30	14 4	16 6	5 17	5 41	27 32		n.a.
S 26	19 11	15 12	1 54	24 32	2 0	18 6	0 6	16 12	1 49	6 45	1 4	23 15	0 10	20 39	0 43	15 30	1 30	14 4	16 5	5 17	5 43	27 33		n.a.
S 27	19 26	9 25	0 47	24 39	1 56	18 28	0 3	16 7	1 51	6 49	1 4	23 16	0 10	20 38	0 43	15 30	1 30	14 4	16 5	5 17	5 44	27 34		n.a.
M28	19 41	3 23	0n21	24 45	1 51	18 50	0 1	16 2	1 52	6 54	1 4	23 16	0 10	20 38	0 43	15 30	1 30	14 4	16 5	5 17	5 45	27 35		n.a.
T 29	19 55	2n38	1 26	24 48	1 45	19 11	0s 1	15 58	1 54	6 59	1 4	23 17	0 10	20 38	0 43	15 29	1 30	14 4	16 5	5 18	5 46	27 36		n.a.
W30	20s 9	8n28	2n26	24s50	1s38	19s32	0s 4	15n53	1n55	7s 3	1n 4	23s18	0n10	20s37	0s42	15s29	1s30	14s 4	16s 4	5s19	5s48	27n38		n.a.

Julian Day Number = 1318856.5, Delta T = 07h34m46s
Ecliptic obliquity = 23°49'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'24, Lahiri = -19°10'23 Julian Calendar 1 Nov. 1103 BCE == Greg. Calendar 21 Oct. 1103 BCE

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ASTRODIENST EPHEMERIS for the year 1103 BCE
geocentric

DECEMBER 1103 BCE (-1102) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 47	29♏32'08	27♈42	18♐23	26♏52	6°R44	20♎27	20♐21	2♒30	23♒ 0	1°R29	16°R37	15♓29	11♊44	n.a.	T 1
F 2	4 0 44	0♐33'23	9♉44	19°34	28° 7	6♉28	20°39	20°27	2°32	23° 1	1♈29	16♓28	15°25	11°50	n.a.	F 2
S 3	4 4 41	1°34'37	21°42	20°40	29°23	6°13	20°50	20°34	2°34	23° 1	1°28	16°16	15°22	11°57	n.a.	S 3
S 4	4 8 37	2°35'51	3♊36	21°40	0♐38	5°58	21° 2	20°41	2°36	23° 2	1°28	16° 1	15°19	12° 4	n.a.	S 4
M 5	4 12 34	3°37'05	15°29	22°33	1°53	5°44	21°14	20°48	2°38	23° 3	1°27	15°47	15°16	12°10	n.a.	M 5
T 6	4 16 30	4°38'18	27°22	23°19	3° 9	5°31	21°25	20°55	2°40	23° 3	1°27	15°32	15°13	12°17	n.a.	T 6
W 7	4 20 27	5°39'30	9♋15	23°57	4°24	5°19	21°37	21° 2	2°42	23° 4	1°26	15°20	15°10	12°24	n.a.	W 7
T 8	4 24 23	6°40'42	21°12	24°25	5°40	5° 7	21°48	21° 9	2°44	23° 5	1°26	15° 9	15° 6	12°31	n.a.	T 8
F 9	4 28 20	7°41'54	3♌14	24°43	6°55	4°56	21°59	21°16	2°47	23° 6	1°26	15° 2	15° 3	12°37	n.a.	F 9
S 10	4 32 17	8°43'05	15°26	24°R51	8°10	4°46	22°11	21°23	2°49	23° 7	1°25	14°58	15° 0	12°44	n.a.	S 10
S 11	4 36 13	9°44'16	27°52	24°47	9°26	4°37	22°22	21°30	2°51	23° 8	1°25	14°56	14°57	12°51	n.a.	S 11
M12	4 40 10	10°45'26	10♍35	24°31	10°41	4°29	22°33	21°37	2°54	23° 9	1°25	14°56	14°54	12°58	n.a.	M12
T 13	4 44 6	11°46'35	23°41	24° 4	11°56	4°21	22°44	21°45	2°56	23° 9	1°24	14°56	14°50	13° 4	n.a.	T 13
W14	4 48 3	12°47'44	7♎14	23°26	13°12	4°14	22°55	21°52	2°58	23°10	1°24	14°55	14°47	13°11	n.a.	W14
T 15	4 51 59	13°48'52	21°15	22°37	14°27	4° 8	23° 5	21°59	3° 1	23°12	1°24	14°51	14°44	13°18	n.a.	T 15
F 16	4 55 56	14°50'00	5♏46	21°39	15°42	4° 3	23°16	22° 6	3° 3	23°13	1°24	14°45	14°41	13°24	n.a.	F 16
S 17	4 59 52	15°51'07	20°43	20°33	16°58	3°59	23°27	22°13	3° 6	23°14	1°23	14°36	14°38	13°31	n.a.	S 17
S 18	5 3 49	16°52'13	5♐58	19°22	18°13	3°55	23°37	22°20	3° 9	23°15	1°23	14°25	14°35	13°38	n.a.	S 18
M19	5 7 46	17°53'18	21°20	18° 7	19°28	3°52	23°48	22°27	3°11	23°16	1°23	14°13	14°31	13°45	n.a.	M19
T 20	5 11 42	18°54'23	6♑38	16°51	20°44	3°51	23°58	22°35	3°14	23°17	1°23	14° 2	14°28	13°51	n.a.	T 20
W21	5 15 39	19°55'26	21°40	15°36	21°59	3°49	24° 8	22°42	3°16	23°18	1°23	13°53	14°25	13°58	n.a.	W21
T 22	5 19 35	20°56'27	6♒18	14°24	23°14	3°D49	24°18	22°49	3°19	23°20	1°23	13°46	14°22	14° 5	n.a.	T 22
F 23	5 23 32	21°57'27	20°27	13°18	24°29	3°49	24°28	22°56	3°22	23°21	1°23	13°42	14°19	14°12	n.a.	F 23
S 24	5 27 28	22°58'26	4♓ 7	12°17	25°44	3°51	24°38	23° 3	3°25	23°22	1°22	13°40	14°16	14°18	n.a.	S 24
S 25	5 31 25	23°59'23	17°18	11°24	27° 0	3°52	24°48	23°10	3°28	23°24	1°22	13°40	14°12	14°25	n.a.	S 25
M26	5 35 22	25° 0'18	0♈ 5	10°39	28°15	3°55	24°58	23°18	3°30	23°25	1°D22	13°40	14° 9	14°32	n.a.	M26
T 27	5 39 18	26° 1'12	12°32	10° 2	29°30	3°58	25° 7	23°25	3°33	23°26	1°22	13°39	14° 6	14°38	n.a.	T 27
W28	5 43 15	27° 2'04	24°45	9°34	0♑45	4° 2	25°17	23°32	3°36	23°28	1°22	13°36	14° 3	14°45	n.a.	W28
T 29	5 47 11	28° 2'55	6♉47	9°15	2° 0	4° 7	25°26	23°39	3°39	23°29	1°22	13°30	14° 0	14°52	n.a.	T 29
F 30	5 51 8	29° 3'44	18°42	9° 4	3°15	4°13	25°35	23°46	3°42	23°31	1°23	13°21	13°56	14°59	n.a.	F 30
S 31	5 55 4	0♑ 4'31	0♊35	9°D 0	4♑31	4♉19	25♎45	23♐53	3♒45	23♒32	1♈23	13♓ 9	13♓53	15♊ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s23	13n54	3n18	24s49	1s31	19s52	0s 6	15n49	1n56	7s 8	1n 4	23s18	0n10	20s37	0s42	15s29	1s30	14s 4	16s 4	5s22	5s49	27n39			n.a.
F 2	20 36	18 46	4 1	24 46	1 22	20 12	0 9	15 44	1 58	7 12	1 4	23 19	0 10	20 36	0 42	15 29	1 30	14 4	16 4	5 26	5 50	27 40			n.a.
S 3	20 49	22 52	4 33	24 41	1 12	20 31	0 11	15 40	1 59	7 16	1 4	23 19	0 10	20 36	0 42	15 28	1 30	14 4	16 3	5 30	5 51	27 41			n.a.
S 4	21 1	26 0	4 53	24 34	1 1	20 50	0 13	15 37	2 0	7 21	1 4	23 20	0 10	20 35	0 42	15 28	1 30	14 4	16 3	5 36	5 53	27 42			n.a.
M 5	21 13	27 59	4 59	24 25	0 48	21 8	0 16	15 33	2 1	7 25	1 4	23 21	0 10	20 35	0 42	15 28	1 30	14 4	16 3	5 42	5 54	27 43			n.a.
T 6	21 25	28 41	4 53	24 14	0 35	21 25	0 18	15 29	2 2	7 29	1 4	23 21	0 10	20 34	0 42	15 28	1 30	14 4	16 2	5 47	5 55	27 44			n.a.
W 7	21 36	28 4	4 34	24 2	0 20	21 42	0 20	15 26	2 3	7 34	1 4	23 22	0 10	20 34	0 42	15 27	1 29	14 3	16 2	5 52	5 56	27 44			n.a.
T 8	21 47	26 8	4 3	23 47	0 5	21 58	0 22	15 23	2 4	7 38	1 5	23 22	0 9	20 33	0 42	15 27	1 29	14 3	16 2	5 56	5 58	27 45			n.a.
F 9	21 57	23 0	3 21	23 31	0n12	22 13	0 25	15 20	2 5	7 42	1 5	23 23	0 9	20 33	0 42	15 27	1 29	14 3	16 1	5 59	5 59	27 46			n.a.
S 10	22 7	18 50	2 29	23 14	0 30	22 28	0 27	15 17	2 6	7 46	1 5	23 23	0 9	20 32	0 42	15 26	1 29	14 3	16 1	6 1	6 0	27 47			n.a.
S 11	22 16	13 48	1 29	22 55	0 48	22 42	0 29	15 15	2 7	7 51	1 5	23 24	0 9	20 31	0 42	15 26	1 29	14 3	16 1	6 2	6 1	27 48			n.a.
M12	22 25	8 4	0 23	22 35	1 7	22 56	0 31	15 13	2 7	7 55	1 5	23 24	0 9	20 31	0 42	15 26	1 29	14 3	16 0	6 2	6 3	27 49			n.a.
T 13	22 34	1 51	0s46	22 15	1 27	23 9	0 34	15 11	2 8	7 59	1 5	23 25	0 9	20 30	0 42	15 25	1 29	14 3	16 0	6 2	6 4	27 50			n.a.
W14	22 42	4s40	1 55	21 54	1 46	23 21	0 36	15 9	2 9	8 3	1 5	23 25	0 9	20 30	0 42	15 25	1 29	14 2	16 0	6 2	6 5	27 51			n.a.
T 15	22 50	11 11	2 59	21 33	2 5	23 32	0 38	15 8	2 9	8 7	1 5	23 26	0 9	20 29	0 42	15 24	1 29	14 2	15 59	6 4	6 6	27 52			n.a.
F 16	22 57	17 20	3 54	21 11	2 22	23 43	0 40	15 6	2 10	8 11	1 5	23 26	0 9	20 28	0 42	15 24	1 29	14 2	15 59	6 6	6 8	27 53			n.a.
S 17	23 4	22 37	4 34	20 51	2 39	23 53	0 42	15 5	2 10	8 15	1 5	23 27	0 9	20 28	0 42	15 24	1 29	14 2	15 59	6 9	6 9	27 54			n.a.
S 18	23 10	26 31	4 57	20 30	2 54	24 2	0 44	15 5	2 11	8 18	1 5	23 27	0 9	20 27	0 42	15 23	1 29	14 1	15 58	6 14	6 10	27 55			n.a.
M19	23 16	28 29	4 57	20 11	3 7	24 10	0 46	15 4	2 11	8 22	1 5	23 28	0 9	20 27	0 42	15 23	1 29	14 1	15 58	6 18	6 11	27 55			n.a.
T 20	23 21	28 16	4 37	19 53	3 18	24 18	0 48	15 4	2 12	8 26	1 5	23 28	0 9	20 26	0 42	15 22	1 29	14 1	15 58	6 23	6 13	27 56			n.a.
W21	23 26	25 58	3 58	19 37	3 26	24 25	0 50	15 4	2 12	8 30	1 5	23 29	0 8	20 25	0 42	15 22	1 29	14 1	15 57	6 27	6 14	27 57			n.a.
T 22	23 31	21 57	3 3	19 23	3 32	24 31	0 52	15 4	2 12	8 33	1 6	23 29	0 8	20 25	0 42	15 22	1 29	14 0	15 57	6 29	6 15	27 58			n.a.
F 23	23 35	16 47	1 59	19 12	3 36	24 37	0 54	15 4	2 13	8 37	1 6	23 30	0 8	20 24	0 42	15 21	1 29	14 0	15 57	6 31	6 16	27 59			n.a.
S 24	23 38	10 56	0 50	19 3	3 37	24 41	0 56	15 5	2 13	8 41	1 6	23 30	0 8	20 23	0 42	15 21	1 29	14 0	15 56	6 31	6 18	28 0			n.a.
S 25	23 41	4 48	0n19	18 57	3 36	24 45	0 57	15 6	2 13	8 44	1 6	23 31	0 8	20 23	0 42	15 20	1 29	13 59	15 56	6 31	6 19	28 1			n.a.
M26	23 44	1n20	1 26	18 53	3 33	24 48	0 59	15 7	2 13	8 48	1 6	23 31	0 8	20 22	0 42	15 20	1 29	13 59	15 56	6 31	6 20	28 1			n.a.
T 27	23 46	7 16	2 26	18 52	3 29	24 51	1 1	15 8	2 14	8 51	1 6	23 32	0 8	20 21	0 42	15 19	1 29	13 59	15 55	6 32	6 21	28 2			n.a.
W28	23 48	12 49	3 19	18 54	3 23	24 52	1 3	15 10	2 14	8 55	1 6	23 32	0 8	20 20	0 42	15 19	1 29	13 59	15 55	6 33	6 23	28 3			n.a.
T 29	23 49	17 48	4 2	18 58	3 17	24 53	1 4	15 12	2 14	8 58	1 6	23 33	0 8	20 20	0 42	15 18	1 29	13 58	15 54	6 35	6 24	28 4			n.a.
F 30	23 49	22 3	4 34	19 4	3 9	24 53	1 6	15 14	2 14	9 1	1 6	23 33	0 8	20 19	0 42	15 18	1 29	13 58	15 54	6 39	6 25	28 5			n.a.
S 31	23s50	25n23	4n53	19s12	3n 0	24s52	1s 7	15n16	2n14	9s 5	1n 6	23s33	0n 8	20s18	0s42	15s17	1s29	13s57	15s54	6s43	6s26	28n 5			n.a.

Julian Day Number = 1318886.5, Delta T = 07h34m44s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'20, Lahiri = -19°10'19 Julian Calendar 1 Dec. 1103 BCE == Greg. Calendar 20 Nov. 1103 BCE

The year -1102 astronomical counting style corresponds to year 1103 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

JANUARY 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 1	1♉ 5'17	12♊27	9♐ 4	5♉46	4♉25	25♎54	24♐ 1	3♒48	23♒34	1♈23	12°R56	13♓50	15♊12	n.a.	S 1
M 2	6 2 57	2° 6'02	24°20	9°15	7° 1	4°33	26° 2	24° 8	3°51	23°35	1°23	12♓42	13°47	15°19	n.a.	M 2
T 3	6 6 54	3° 6'44	6♋15	9°32	8°16	4°41	26°11	24°15	3°54	23°37	1°23	12°29	13°44	15°25	n.a.	T 3
W 4	6 10 51	4° 7'26	18°14	9°56	9°31	4°50	26°20	24°22	3°57	23°38	1°23	12°17	13°41	15°32	n.a.	W 4
T 5	6 14 47	5° 8'05	0♌19	10°24	10°46	4°59	26°28	24°29	4° 0	23°40	1°23	12° 7	13°37	15°39	n.a.	T 5
F 6	6 18 44	6° 8'44	12°29	10°58	12° 1	5° 9	26°37	24°36	4° 3	23°42	1°24	12° 0	13°34	15°46	n.a.	F 6
S 7	6 22 40	7° 9'20	24°49	11°37	13°16	5°19	26°45	24°43	4° 6	23°43	1°24	11°56	13°31	15°52	n.a.	S 7
S 8	6 26 37	8° 9'55	7♍20	12°19	14°31	5°30	26°53	24°50	4° 9	23°45	1°24	11°D55	13°28	15°59	n.a.	S 8
M 9	6 30 33	9°10'29	20° 6	13° 6	15°46	5°42	27° 1	24°57	4°13	23°47	1°25	11°55	13°25	16° 6	n.a.	M 9
T 10	6 34 30	10°11'01	3♎10	13°56	17° 1	5°54	27° 9	25° 4	4°16	23°48	1°25	11°56	13°22	16°13	n.a.	T 10
W11	6 38 26	11°11'32	16°36	14°50	18°16	6° 6	27°17	25°11	4°19	23°50	1°25	11°R56	13°18	16°19	n.a.	W11
T 12	6 42 23	12°12'02	0♏26	15°47	19°30	6°19	27°24	25°18	4°22	23°52	1°26	11°54	13°15	16°26	n.a.	T 12
F 13	6 46 20	13°12'30	14°42	16°46	20°45	6°33	27°32	25°25	4°25	23°54	1°26	11°50	13°12	16°33	n.a.	F 13
S 14	6 50 16	14°12'56	29°21	17°48	22° 0	6°47	27°39	25°32	4°29	23°56	1°26	11°44	13° 9	16°39	n.a.	S 14
S 15	6 54 13	15°13'21	14♐19	18°53	23°15	7° 2	27°46	25°39	4°32	23°57	1°27	11°36	13° 6	16°46	n.a.	S 15
M16	6 58 9	16°13'44	29°28	20° 0	24°30	7°17	27°53	25°46	4°35	23°59	1°27	11°28	13° 2	16°53	n.a.	M16
T 17	7 2 6	17°14'06	14♑37	21° 9	25°45	7°33	28° 0	25°53	4°39	24° 1	1°28	11°19	12°59	17° 0	n.a.	T 17
W18	7 6 2	18°14'26	29°37	22°19	27° 0	7°49	28° 7	26° 0	4°42	24° 3	1°28	11°12	12°56	17° 6	n.a.	W18
T 19	7 9 59	19°14'43	14♒19	23°32	28°14	8° 5	28°14	26° 7	4°45	24° 5	1°29	11° 6	12°53	17°13	n.a.	T 19
F 20	7 13 56	20°14'59	28°35	24°47	29°29	8°22	28°20	26°13	4°49	24° 7	1°29	11° 4	12°50	17°20	n.a.	F 20
S 21	7 17 52	21°15'12	12♓23	26° 3	0♒44	8°40	28°26	26°20	4°52	24° 9	1°30	11°D 3	12°47	17°27	n.a.	S 21
S 22	7 21 49	22°15'23	25°42	27°21	1°59	8°57	28°33	26°27	4°55	24°11	1°30	11° 4	12°43	17°33	n.a.	S 22
M23	7 25 45	23°15'32	8♈37	28°40	3°13	9°16	28°39	26°34	4°59	24°13	1°31	11° 5	12°40	17°40	n.a.	M23
T 24	7 29 42	24°15'38	21° 9	0♑ 1	4°28	9°34	28°44	26°40	5° 2	24°15	1°31	11°R 6	12°37	17°47	n.a.	T 24
W25	7 33 38	25°15'43	3♉24	1°23	5°43	9°53	28°50	26°47	5° 5	24°17	1°32	11° 5	12°34	17°53	n.a.	W25
T 26	7 37 35	26°15'45	15°26	2°47	6°57	10°13	28°56	26°53	5° 9	24°19	1°33	11° 3	12°31	18° 0	n.a.	T 26
F 27	7 41 31	27°15'44	27°21	4°12	8°12	10°32	29° 1	27° 0	5°12	24°21	1°33	10°59	12°28	18° 7	n.a.	F 27
S 28	7 45 28	28°15'42	9♊13	5°38	9°27	10°52	29° 6	27° 7	5°16	24°23	1°34	10°53	12°24	18°14	n.a.	S 28
S 29	7 49 24	29°15'37	21° 4	7° 6	10°41	11°13	29°11	27°13	5°19	24°25	1°35	10°46	12°21	18°20	n.a.	S 29
M30	7 53 21	0♒15'30	2♋59	8°34	11°56	11°34	29°16	27°19	5°22	24°27	1°35	10°38	12°18	18°27	n.a.	M30
T 31	7 57 18	1♒15'21	14♋59	10♑ 4	13♒10	11♉55	29♎21	27♐26	5♒26	24♒29	1♈36	10♓30	12♓15	18♊34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s49	27n37	5n 0	19 s22	2n51	24 s51	1 s 9	15n18	2n14	9 s 8	1n 6	23 s34	0n 8	20 s18	0 s42	15 s16	1 s29	13 s57	15 s53	6 s48	6 s27	28n 6			n.a.
M 2	23 49	28 36	4 54	19 33	2 41	24 48	1 10	15 21	2 14	9 11	1 7	23 34	0 8	20 17	0 42	15 16	1 29	13 57	15 53	6 54	6 29	28 7			n.a.
T 3	23 47	28 16	4 36	19 46	2 31	24 45	1 12	15 23	2 14	9 14	1 7	23 35	0 7	20 16	0 42	15 15	1 28	13 56	15 53	6 59	6 30	28 8			n.a.
W 4	23 46	26 36	4 4	19 59	2 20	24 42	1 13	15 26	2 14	9 17	1 7	23 35	0 7	20 15	0 42	15 15	1 28	13 56	15 52	7 4	6 31	28 8			n.a.
T 5	23 44	23 42	3 22	20 14	2 9	24 37	1 14	15 30	2 14	9 20	1 7	23 35	0 7	20 15	0 42	15 14	1 28	13 56	15 52	7 8	6 32	28 9			n.a.
F 6	23 41	19 43	2 30	20 30	1 59	24 32	1 15	15 33	2 14	9 23	1 7	23 36	0 7	20 14	0 42	15 14	1 28	13 55	15 52	7 10	6 34	28 10			n.a.
S 7	23 38	14 52	1 30	20 46	1 48	24 25	1 17	15 36	2 14	9 26	1 7	23 36	0 7	20 13	0 42	15 13	1 28	13 55	15 51	7 12	6 35	28 11			n.a.
S 8	23 34	9 20	0 24	21 2	1 37	24 19	1 18	15 40	2 14	9 29	1 7	23 36	0 7	20 12	0 42	15 12	1 28	13 54	15 51	7 12	6 36	28 11			n.a.
M 9	23 30	3 19	0 s44	21 19	1 26	24 11	1 19	15 44	2 14	9 32	1 7	23 37	0 7	20 11	0 42	15 12	1 28	13 54	15 51	7 12	6 37	28 12			n.a.
T 10	23 26	2 s58	1 51	21 35	1 16	24 3	1 20	15 48	2 14	9 35	1 7	23 37	0 7	20 11	0 42	15 11	1 28	13 53	15 50	7 12	6 39	28 13			n.a.
W11	23 21	9 18	2 54	21 52	1 5	23 53	1 21	15 52	2 14	9 37	1 8	23 37	0 7	20 10	0 42	15 11	1 28	13 53	15 50	7 12	6 40	28 13			n.a.
T 12	23 15	15 22	3 49	22 9	0 55	23 44	1 21	15 56	2 13	9 40	1 8	23 38	0 7	20 9	0 42	15 10	1 28	13 53	15 50	7 13	6 41	28 14			n.a.
F 13	23 10	20 49	4 32	22 25	0 45	23 33	1 22	16 1	2 13	9 43	1 8	23 38	0 7	20 8	0 42	15 9	1 28	13 52	15 49	7 14	6 42	28 15			n.a.
S 14	23 3	25 10	4 58	22 41	0 35	23 22	1 23	16 6	2 13	9 45	1 8	23 38	0 7	20 8	0 42	15 9	1 28	13 52	15 49	7 16	6 44	28 15			n.a.
S 15	22 57	27 55	5 4	22 56	0 25	23 10	1 24	16 10	2 13	9 48	1 8	23 39	0 7	20 7	0 42	15 8	1 28	13 51	15 49	7 19	6 45	28 16			n.a.
M16	22 49	28 40	4 50	23 11	0 16	22 57	1 24	16 15	2 13	9 50	1 8	23 39	0 7	20 6	0 42	15 7	1 28	13 51	15 48	7 23	6 46	28 17			n.a.
T 17	22 42	27 14	4 15	23 25	0 6	22 44	1 25	16 20	2 13	9 53	1 8	23 39	0 6	20 5	0 42	15 7	1 28	13 50	15 48	7 26	6 47	28 17			n.a.
W18	22 34	23 52	3 23	23 39	0 s 3	22 30	1 25	16 25	2 12	9 55	1 8	23 40	0 6	20 4	0 42	15 6	1 28	13 50	15 48	7 29	6 49	28 18			n.a.
T 19	22 25	19 0	2 18	23 52	0 12	22 15	1 26	16 31	2 12	9 57	1 9	23 40	0 6	20 3	0 42	15 5	1 28	13 49	15 47	7 31	6 50	28 18			n.a.
F 20	22 16	13 12	1 7	24 3	0 20	22 0	1 26	16 36	2 12	9 59	1 9	23 40	0 6	20 3	0 42	15 5	1 28	13 49	15 47	7 32	6 51	28 19			n.a.
S 21	22 7	6 55	0n 7	24 14	0 28	21 44	1 27	16 42	2 12	10 1	1 9	23 40	0 6	20 2	0 42	15 4	1 28	13 48	15 47	7 32	6 52	28 20			n.a.
S 22	21 57	0 32	1 18	24 24	0 36	21 27	1 27	16 47	2 12	10 4	1 9	23 41	0 6	20 1	0 42	15 3	1 28	13 48	15 46	7 32	6 53	28 20			n.a.
M23	21 47	5n39	2 23	24 33	0 44	21 10	1 27	16 53	2 11	10 6	1 9	23 41	0 6	20 0	0 42	15 3	1 28	13 47	15 46	7 32	6 55	28 21			n.a.
T 24	21 37	11 27	3 19	24 41	0 51	20 52	1 27	16 59	2 11	10 8	1 9	23 41	0 6	19 59	0 42	15 2	1 28	13 47	15 46	7 31	6 56	28 21			n.a.
W25	21 26	16 40	4 4	24 48	0 59	20 33	1 27	17 5	2 11	10 9	1 9	23 41	0 6	19 58	0 42	15 1	1 28	13 46	15 45	7 31	6 57	28 22			n.a.
T 26	21 14	21 9	4 38	24 53	1 5	20 14	1 27	17 11	2 11	10 11	1 9	23 42	0 6	19 58	0 42	15 1	1 28	13 45	15 45	7 32	6 58	28 23			n.a.
F 27	21 3	24 45	5 0	24 58	1 12	19 55	1 27	17 17	2 10	10 13	1 10	23 42	0 6	19 57	0 42	15 0	1 28	13 45	15 45	7 34	7 0	28 23			n.a.
S 28	20 51	27 16	5 8	25 0	1 18	19 35	1 27	17 23	2 10	10 15	1 10	23 42	0 6	19 56	0 42	14 59	1 28	13 44	15 44	7 36	7 1	28 24			n.a.
S 29	20 38	28 34	5 3	25 2	1 24	19 14	1 27	17 29	2 10	10 17	1 10	23 42	0 6	19 55	0 42	14 58	1 28	13 44	15 44	7 39	7 2	28 24			n.a.
M30	20 25	28 33	4 46	25 2	1 30	18 53	1 27	17 36	2 9	10 18	1 10	23 43	0 6	19 54	0 42	14 58	1 28	13 43	15 44	7 42	7 3	28 25			n.a.
T 31	20 s12	27n11	4n15	25 s 1	1 s35	18 s31	1 s26	17n42	2n 9	10 s20	1n10	23 s43	0n 5	19 s53	0 s42	14 s57	1 s28	13 s43	15 s43	7 s45	7 s 5	28n25			n.a.

Julian Day Number = 1318917.5, Delta T = 07h34m43s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'15, Lahiri = -19°10'15 Julian Calendar 1 Jan. 1102 BCE == Greg. Calendar 21 Dec. 1103 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

FEBRUARY 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 1 14	2♒15'09	27♋ 6	11♉36	14♒25	12♉16	29♎25	27♐32	5♒29	24♒32	1♈37	10°R24	12♓12	18♊41	n.a.	W 1
T 2	8 5 11	3°14'56	9♌22	13° 8	15°39	12°38	29°30	27°38	5°33	24°34	1°38	10♓18	12° 8	18°47	n.a.	T 2
F 3	8 9 7	4°14'40	21°47	14°42	16°54	13° 0	29°34	27°45	5°36	24°36	1°39	10°15	12° 5	18°54	n.a.	F 3
S 4	8 13 4	5°14'22	4♍22	16°17	18° 8	13°23	29°38	27°51	5°39	24°38	1°39	10°D13	12° 2	19° 1	n.a.	S 4
S 5	8 17 0	6°14'02	17° 9	17°53	19°23	13°45	29°42	27°57	5°43	24°40	1°40	10°13	11°59	19° 7	n.a.	S 5
M 6	8 20 57	7°13'41	0♎ 8	19°30	20°37	14° 8	29°45	28° 3	5°46	24°42	1°41	10°15	11°56	19°14	n.a.	M 6
T 7	8 24 53	8°13'17	13°23	21° 9	21°51	14°32	29°49	28° 9	5°50	24°45	1°42	10°16	11°53	19°21	n.a.	T 7
W 8	8 28 50	9°12'51	26°53	22°48	23° 6	14°55	29°52	28°15	5°53	24°47	1°43	10°18	11°49	19°28	n.a.	W 8
T 9	8 32 47	10°12'24	10♏41	24°29	24°20	15°19	29°55	28°21	5°57	24°49	1°44	10°R18	11°46	19°34	n.a.	T 9
F 10	8 36 43	11°11'55	24°46	26°11	25°34	15°43	29°58	28°27	6° 0	24°51	1°45	10°17	11°43	19°41	n.a.	F 10
S 11	8 40 40	12°11'24	9♐ 8	27°55	26°49	16° 7	0♏ 1	28°33	6° 3	24°53	1°46	10°15	11°40	19°48	n.a.	S 11
S 12	8 44 36	13°10'51	23°43	29°40	28° 3	16°32	0° 4	28°39	6° 7	24°56	1°46	10°12	11°37	19°54	n.a.	S 12
M13	8 48 33	14°10'16	8♑26	1♒26	29°17	16°57	0° 6	28°45	6°10	24°58	1°47	10° 9	11°34	20° 1	n.a.	M13
T 14	8 52 29	15° 9'39	23°12	3°13	0♓31	17°22	0° 9	28°50	6°14	25° 0	1°48	10° 5	11°30	20° 8	n.a.	T 14
W15	8 56 26	16° 9'00	7♒52	5° 2	1°45	17°47	0°11	28°56	6°17	25° 2	1°49	10° 2	11°27	20°15	n.a.	W15
T 16	9 0 22	17° 8'19	22°19	6°52	3° 0	18°13	0°12	29° 2	6°20	25° 5	1°50	10° 0	11°24	20°21	n.a.	T 16
F 17	9 4 19	18° 7'36	6♓27	8°43	4°14	18°38	0°14	29° 7	6°24	25° 7	1°51	9°D59	11°21	20°28	n.a.	F 17
S 18	9 8 16	19° 6'50	20°13	10°35	5°28	19° 4	0°16	29°13	6°27	25° 9	1°52	9°59	11°18	20°35	n.a.	S 18
S 19	9 12 12	20° 6'02	3♈35	12°29	6°42	19°31	0°17	29°18	6°30	25°11	1°54	10° 0	11°14	20°42	n.a.	S 19
M20	9 16 9	21° 5'11	16°34	14°24	7°56	19°57	0°18	29°23	6°34	25°14	1°55	10° 2	11°11	20°48	n.a.	M20
T 21	9 20 5	22° 4'18	29°11	16°21	9°10	20°24	0°19	29°29	6°37	25°16	1°56	10° 3	11° 8	20°55	n.a.	T 21
W22	9 24 2	23° 3'23	11♉30	18°18	10°24	20°51	0°20	29°34	6°40	25°18	1°57	10° 4	11° 5	21° 2	n.a.	W22
T 23	9 27 58	24° 2'25	23°36	20°17	11°38	21°18	0°20	29°39	6°44	25°20	1°58	10°R 5	11° 2	21° 8	n.a.	T 23
F 24	9 31 55	25° 1'25	5♊33	22°17	12°52	21°45	0°21	29°44	6°47	25°23	1°59	10° 4	10°59	21°15	n.a.	F 24
S 25	9 35 51	26° 0'23	17°26	24°19	14° 6	22°13	0°21	29°49	6°50	25°25	2° 0	10° 3	10°55	21°22	n.a.	S 25
S 26	9 39 48	26°59'18	29°18	26°21	15°19	22°40	0°R21	29°54	6°54	25°27	2° 1	10° 2	10°52	21°29	n.a.	S 26
M27	9 43 44	27°58'11	11♋15	28°24	16°33	23° 8	0°21	29°59	6°57	25°30	2° 2	10° 0	10°49	21°35	n.a.	M27
T 28	9 47 41	28♒57'01	23♋20	0♓28	17♓47	23♉36	0♏20	0♑ 4	7♒ 0	25♒32	2♈ 4	9♓58	10♓46	21♊42	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s59	24n33	3n33	24s58	1s40	18s 8	1s26	17n48	2n 9	10s21	1n10	23s43	0n 5	19s53	0s42	14s56	1s28	13s42	15s43	7s47	7s 6	28n26		n.a.
T 2	19 45	20 46	2 40	24 54	1 44	17 46	1 25	17 55	2 9	10 23	1 10	23 43	0 5	19 52	0 42	14 55	1 28	13 41	15 43	7 49	7 7	28 26		n.a.
F 3	19 31	16 2	1 39	24 48	1 48	17 22	1 25	18 2	2 8	10 24	1 10	23 43	0 5	19 51	0 42	14 55	1 28	13 41	15 42	7 51	7 8	28 27		n.a.
S 4	19 16	10 34	0 32	24 40	1 52	16 59	1 24	18 8	2 8	10 25	1 11	23 44	0 5	19 50	0 42	14 54	1 28	13 40	15 42	7 51	7 9	28 27		n.a.
S 5	19 1	4 35	0s38	24 31	1 55	16 34	1 24	18 15	2 8	10 27	1 11	23 44	0 5	19 49	0 42	14 53	1 28	13 40	15 42	7 51	7 11	28 28		n.a.
M 6	18 46	1s41	1 47	24 20	1 58	16 10	1 23	18 22	2 7	10 28	1 11	23 44	0 5	19 48	0 42	14 52	1 28	13 39	15 42	7 51	7 12	28 28		n.a.
T 7	18 30	7 59	2 51	24 7	2 1	15 45	1 22	18 28	2 7	10 29	1 11	23 44	0 5	19 47	0 42	14 52	1 28	13 38	15 41	7 50	7 13	28 29		n.a.
W 8	18 14	14 3	3 48	23 53	2 3	15 19	1 21	18 35	2 7	10 30	1 11	23 44	0 5	19 47	0 42	14 51	1 28	13 38	15 41	7 50	7 14	28 29		n.a.
T 9	17 58	19 34	4 32	23 37	2 4	14 53	1 20	18 42	2 6	10 31	1 11	23 44	0 5	19 46	0 42	14 50	1 28	13 37	15 41	7 50	7 16	28 30		n.a.
F 10	17 42	24 8	5 2	23 19	2 6	14 27	1 19	18 49	2 6	10 32	1 11	23 44	0 5	19 45	0 42	14 49	1 28	13 37	15 41	7 50	7 17	28 30		n.a.
S 11	17 25	27 20	5 13	22 59	2 7	14 0	1 18	18 56	2 6	10 33	1 12	23 45	0 5	19 44	0 42	14 49	1 28	13 36	15 40	7 51	7 18	28 30		n.a.
S 12	17 8	28 45	5 4	22 37	2 7	13 33	1 17	19 3	2 5	10 34	1 12	23 45	0 5	19 43	0 42	14 48	1 28	13 35	15 40	7 52	7 19	28 31		n.a.
M13	16 51	28 9	4 36	22 13	2 7	13 6	1 16	19 10	2 5	10 34	1 12	23 45	0 4	19 42	0 42	14 47	1 28	13 35	15 40	7 53	7 21	28 31		n.a.
T 14	16 33	25 33	3 49	21 48	2 6	12 38	1 15	19 17	2 5	10 35	1 12	23 45	0 4	19 41	0 42	14 46	1 28	13 34	15 39	7 55	7 22	28 32		n.a.
W15	16 15	21 17	2 47	21 20	2 5	12 10	1 14	19 24	2 4	10 36	1 12	23 45	0 4	19 41	0 42	14 46	1 28	13 34	15 39	7 56	7 23	28 32		n.a.
T 16	15 57	15 48	1 36	20 51	2 3	11 42	1 12	19 31	2 4	10 36	1 12	23 45	0 4	19 40	0 42	14 45	1 28	13 33	15 39	7 57	7 24	28 32		n.a.
F 17	15 39	9 35	0 19	20 19	2 1	11 13	1 11	19 38	2 4	10 37	1 12	23 45	0 4	19 39	0 42	14 44	1 28	13 32	15 39	7 57	7 25	28 33		n.a.
S 18	15 20	3 5	0n56	19 46	1 59	10 44	1 10	19 45	2 3	10 37	1 13	23 45	0 4	19 38	0 42	14 43	1 28	13 32	15 38	7 57	7 27	28 33		n.a.
S 19	15 1	3n22	2 6	19 11	1 56	10 15	1 8	19 52	2 3	10 37	1 13	23 46	0 4	19 37	0 42	14 43	1 28	13 31	15 38	7 56	7 28	28 34		n.a.
M20	14 42	9 30	3 8	18 33	1 52	9 45	1 6	19 59	2 2	10 38	1 13	23 46	0 4	19 36	0 42	14 42	1 28	13 30	15 38	7 56	7 29	28 34		n.a.
T 21	14 23	15 4	3 59	17 54	1 48	9 16	1 5	20 6	2 2	10 38	1 13	23 46	0 4	19 36	0 42	14 41	1 28	13 30	15 38	7 55	7 30	28 34		n.a.
W22	14 3	19 55	4 37	17 13	1 43	8 46	1 3	20 13	2 2	10 38	1 13	23 46	0 4	19 35	0 42	14 40	1 28	13 29	15 38	7 55	7 32	28 35		n.a.
T 23	13 43	23 51	5 3	16 30	1 37	8 16	1 1	20 20	2 1	10 38	1 13	23 46	0 4	19 34	0 42	14 39	1 28	13 28	15 37	7 55	7 33	28 35		n.a.
F 24	13 23	26 44	5 15	15 45	1 31	7 45	1 0	20 27	2 1	10 38	1 13	23 46	0 4	19 33	0 42	14 39	1 28	13 28	15 37	7 55	7 34	28 35		n.a.
S 25	13 3	28 25	5 13	14 58	1 25	7 15	0 58	20 34	2 1	10 38	1 13	23 46	0 4	19 32	0 42	14 38	1 28	13 27	15 37	7 55	7 35	28 35		n.a.
S 26	12 43	28 48	4 58	14 9	1 18	6 44	0 56	20 40	2 0	10 38	1 14	23 46	0 4	19 31	0 42	14 37	1 28	13 26	15 37	7 56	7 36	28 36		n.a.
M27	12 22	27 50	4 30	13 19	1 10	6 13	0 54	20 47	2 0	10 38	1 14	23 46	0 3	19 31	0 42	14 36	1 28	13 26	15 36	7 56	7 38	28 36		n.a.
T 28	12s 2	25n33	3n50	12s27	1s 2	5s42	0s52	20n54	2n 0	10s37	1n14	23s46	0n 3	19s30	0s42	14s36	1s28	13s25	15s36	7s57	7s39	28n36		n.a.

Julian Day Number = 1318948.5, Delta T = 07h34m41s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'11, Lahiri = -19°10'11 Julian Calendar 1 Feb. 1102 BCE == Greg. Calendar 21 Jan. 1102 BCE

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

MARCH 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 51 38	29♒55'49	5♌35	2♓32	19♓ 1	24♉ 4	0°R20	0♋ 9	7♒ 3	25♒34	2♈ 5	9°R57	10♓43	21♊49	n.a.	W 1
T 2	9 55 34	0♓54'35	18° 2	4°37	20°14	24°32	0♏19	0°13	7° 7	25°36	2° 6	9♓56	10°40	21°56	n.a.	T 2
F 3	9 59 31	1°53'19	0♍43	6°43	21°28	25° 1	0°18	0°18	7°10	25°39	2° 7	9°55	10°36	22° 2	n.a.	F 3
S 4	10 3 27	2°52'00	13°38	8°48	22°42	25°30	0°17	0°22	7°13	25°41	2° 8	9°D55	10°33	22° 9	n.a.	S 4
S 5	10 7 24	3°50'39	26°47	10°53	23°55	25°58	0°16	0°27	7°16	25°43	2° 9	9°56	10°30	22°16	n.a.	S 5
M 6	10 11 20	4°49'17	10♎10	12°57	25° 9	26°27	0°14	0°31	7°19	25°45	2°11	9°56	10°27	22°22	n.a.	M 6
T 7	10 15 17	5°47'52	23°46	15° 1	26°22	26°56	0°13	0°36	7°22	25°48	2°12	9°56	10°24	22°29	n.a.	T 7
W 8	10 19 13	6°46'26	7♏33	17° 3	27°36	27°26	0°11	0°40	7°25	25°50	2°13	9°57	10°20	22°36	n.a.	W 8
T 9	10 23 10	7°44'58	21°31	19° 3	28°49	27°55	0° 9	0°44	7°28	25°52	2°14	9°57	10°17	22°43	n.a.	T 9
F 10	10 27 6	8°43'28	5♐37	21° 2	0♈ 3	28°25	0° 7	0°48	7°31	25°54	2°16	9°R57	10°14	22°49	n.a.	F 10
S 11	10 31 3	9°41'57	19°51	22°59	1°16	28°54	0° 4	0°52	7°35	25°56	2°17	9°D57	10°11	22°56	n.a.	S 11
S 12	10 35 0	10°40'24	4♑ 9	24°53	2°30	29°24	0° 2	0°56	7°38	25°59	2°18	9°57	10° 8	23° 3	n.a.	S 12
M13	10 38 56	11°38'49	18°28	26°44	3°43	29°54	29♎59	1° 0	7°41	26° 1	2°20	9°57	10° 5	23° 9	n.a.	M13
T 14	10 42 53	12°37'12	2♒45	28°32	4°56	0♊24	29°56	1° 4	7°43	26° 3	2°21	9°57	10° 1	23°16	n.a.	T 14
W15	10 46 49	13°35'34	16°56	0♈16	6°10	0°55	29°53	1° 7	7°46	26° 5	2°22	9°58	9°58	23°23	n.a.	W15
T 16	10 50 46	14°33'53	0♓58	1°57	7°23	1°25	29°50	1°11	7°49	26° 7	2°23	9°58	9°55	23°30	n.a.	T 16
F 17	10 54 42	15°32'11	14°46	3°34	8°36	1°55	29°46	1°15	7°52	26°10	2°25	9°R58	9°52	23°36	n.a.	F 17
S 18	10 58 39	16°30'27	28°17	5° 7	9°49	2°26	29°42	1°18	7°55	26°12	2°26	9°58	9°49	23°43	n.a.	S 18
S 19	11 2 35	17°28'41	11♈31	6°36	11° 2	2°57	29°39	1°21	7°58	26°14	2°27	9°57	9°46	23°50	n.a.	S 19
M20	11 6 32	18°26'53	24°25	8° 0	12°15	3°28	29°35	1°25	8° 1	26°16	2°29	9°56	9°42	23°56	n.a.	M20
T 21	11 10 29	19°25'03	7♉ 2	9°20	13°28	3°59	29°31	1°28	8° 3	26°18	2°30	9°55	9°39	24° 3	n.a.	T 21
W22	11 14 25	20°23'10	19°22	10°35	14°41	4°30	29°26	1°31	8° 6	26°20	2°31	9°54	9°36	24°10	n.a.	W22
T 23	11 18 22	21°21'16	1♊30	11°46	15°54	5° 1	29°22	1°34	8° 9	26°22	2°33	9°52	9°33	24°17	n.a.	T 23
F 24	11 22 18	22°19'20	13°28	12°52	17° 7	5°33	29°17	1°37	8°12	26°25	2°34	9°52	9°30	24°23	n.a.	F 24
S 25	11 26 15	23°17'22	25°22	13°53	18°20	6° 4	29°12	1°40	8°14	26°27	2°35	9°D52	9°26	24°30	n.a.	S 25
S 26	11 30 11	24°15'22	7♋15	14°50	19°33	6°36	29° 7	1°42	8°17	26°29	2°37	9°52	9°23	24°37	n.a.	S 26
M27	11 34 8	25°13'19	19°13	15°41	20°46	7° 7	29° 2	1°45	8°19	26°31	2°38	9°53	9°20	24°44	n.a.	M27
T 28	11 38 4	26°11'15	1♌19	16°27	21°58	7°39	28°57	1°48	8°22	26°33	2°39	9°54	9°17	24°50	n.a.	T 28
W29	11 42 1	27° 9'09	13°39	17° 8	23°11	8°11	28°52	1°50	8°25	26°35	2°41	9°56	9°14	24°57	n.a.	W29
T 30	11 45 57	28° 7'01	26°15	17°45	24°24	8°43	28°46	1°52	8°27	26°37	2°42	9°57	9°11	25° 4	n.a.	T 30
F 31	11 49 54	29♓ 4'51	9♍ 9	18♈15	25♈36	9♊15	28♎41	1♋55	8♒29	26♒39	2♈44	9°R57	9♓ 7	25♊10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s41	22n 4	2n59	11s34	0s53	5s11	0s50	21n 1	1n59	10s37	1n14	23s46	0n 3	19s29	0s42	14s35	1s28	13s25	15s36	7s58	7s40	28n37			n.a.
T 2	11 20	17 33	1 58	10 39	0 44	4 40	0 48	21 8	1 59	10 37	1 14	23 46	0 3	19 28	0 42	14 34	1 28	13 24	15 36	7 58	7 41	28 37			n.a.
F 3	10 58	12 11	0 51	9 43	0 34	4 8	0 46	21 15	1 58	10 36	1 14	23 47	0 3	19 27	0 42	14 33	1 28	13 23	15 36	7 58	7 43	28 37			n.a.
S 4	10 37	6 13	0s21	8 46	0 24	3 37	0 44	21 21	1 58	10 36	1 14	23 47	0 3	19 26	0 42	14 33	1 28	13 23	15 36	7 58	7 44	28 37			n.a.
S 5	10 16	0s 6	1 32	7 49	0 14	3 5	0 41	21 28	1 58	10 35	1 14	23 47	0 3	19 26	0 42	14 32	1 28	13 22	15 35	7 58	7 45	28 38			n.a.
M 6	9 54	6 32	2 40	6 51	0 3	2 33	0 39	21 35	1 57	10 35	1 15	23 47	0 3	19 25	0 42	14 31	1 28	13 21	15 35	7 58	7 46	28 38			n.a.
T 7	9 32	12 46	3 40	5 52	0n 8	2 2	0 37	21 41	1 57	10 34	1 15	23 47	0 3	19 24	0 42	14 30	1 28	13 21	15 35	7 58	7 47	28 38			n.a.
W 8	9 10	18 28	4 28	4 54	0 20	1 30	0 35	21 48	1 57	10 33	1 15	23 47	0 3	19 23	0 42	14 30	1 28	13 20	15 35	7 58	7 49	28 38			n.a.
T 9	8 48	23 16	5 1	3 55	0 31	0 58	0 32	21 54	1 56	10 32	1 15	23 47	0 3	19 23	0 42	14 29	1 28	13 19	15 35	7 58	7 50	28 38			n.a.
F 10	8 26	26 46	5 16	2 57	0 43	0 26	0 30	22 1	1 56	10 31	1 15	23 47	0 3	19 22	0 42	14 28	1 28	13 19	15 35	7 58	7 51	28 39			n.a.
S 11	8 3	28 37	5 12	2 0	0 54	0n 6	0 27	22 7	1 55	10 31	1 15	23 47	0 3	19 21	0 42	14 27	1 28	13 18	15 34	7 58	7 52	28 39			n.a.
S 12	7 41	28 35	4 49	1 4	1 5	0 38	0 25	22 13	1 55	10 30	1 15	23 47	0 2	19 20	0 42	14 26	1 28	13 17	15 34	7 58	7 54	28 39			n.a.
M13	7 19	26 38	4 8	0 9	1 17	1 10	0 22	22 20	1 55	10 28	1 15	23 47	0 2	19 19	0 42	14 26	1 28	13 17	15 34	7 58	7 55	28 39			n.a.
T 14	6 56	22 58	3 12	0n44	1 28	1 41	0 20	22 26	1 54	10 27	1 15	23 47	0 2	19 19	0 42	14 25	1 28	13 16	15 34	7 58	7 56	28 39			n.a.
W15	6 33	17 59	2 4	1 36	1 38	2 13	0 17	22 32	1 54	10 26	1 16	23 47	0 2	19 18	0 42	14 24	1 28	13 16	15 34	7 57	7 57	28 40			n.a.
T 16	6 10	12 5	0 50	2 26	1 48	2 45	0 15	22 38	1 54	10 25	1 16	23 47	0 2	19 17	0 42	14 24	1 28	13 15	15 34	7 57	7 58	28 40			n.a.
F 17	5 47	5 41	0n27	3 14	1 58	3 17	0 12	22 44	1 53	10 24	1 16	23 47	0 2	19 16	0 42	14 23	1 28	13 14	15 34	7 57	8 0	28 40			n.a.
S 18	5 25	0n50	1 40	4 0	2 7	3 48	0 9	22 50	1 53	10 22	1 16	23 47	0 2	19 16	0 42	14 22	1 28	13 14	15 33	7 57	8 1	28 40			n.a.
S 19	5 2	7 10	2 46	4 44	2 16	4 20	0 7	22 55	1 52	10 21	1 16	23 47	0 2	19 15	0 42	14 21	1 28	13 13	15 33	7 58	8 2	28 40			n.a.
M20	4 38	13 3	3 42	5 25	2 24	4 52	0 4	23 1	1 52	10 19	1 16	23 47	0 2	19 14	0 42	14 21	1 28	13 12	15 33	7 58	8 3	28 40			n.a.
T 21	4 15	18 15	4 26	6 4	2 31	5 23	0 1	23 7	1 52	10 18	1 16	23 47	0 2	19 14	0 42	14 20	1 28	13 12	15 33	7 59	8 5	28 40			n.a.
W22	3 52	22 35	4 56	6 40	2 37	5 54	0n 1	23 12	1 51	10 16	1 16	23 48	0 2	19 13	0 42	14 19	1 28	13 11	15 33	7 59	8 6	28 40			n.a.
T 23	3 29	25 53	5 13	7 13	2 43	6 25	0 4	23 18	1 51	10 14	1 16	23 48	0 2	19 12	0 42	14 19	1 28	13 11	15 33	7 59	8 7	28 40			n.a.
F 24	3 6	28 0	5 15	7 44	2 48	6 56	0 7	23 23	1 51	10 13	1 16	23 48	0 1	19 12	0 42	14 18	1 28	13 10	15 33	8 0	8 8	28 41			n.a.
S 25	2 42	28 49	5 5	8 11	2 52	7 27	0 10	23 29	1 50	10 11	1 16	23 48	0 1	19 11	0 42	14 17	1 28	13 9	15 33	8 0	8 9	28 41			n.a.
S 26	2 19	28 18	4 41	8 36	2 54	7 58	0 12	23 34	1 50	10 9	1 16	23 48	0 1	19 10	0 42	14 16	1 28	13 9	15 33	8 0	8 11	28 41			n.a.
M27	1 56	26 28	4 5	8 58	2 56	8 28	0 15	23 39	1 49	10 7	1 16	23 48	0 1	19 10	0 42	14 16	1 28	13 8	15 33	7 59	8 12	28 41			n.a.
T 28	1 32	23 24	3 17	9 17	2 57	8 58	0 18	23 44	1 49	10 5	1 16	23 48	0 1	19 9	0 42	14 15	1 28	13 8	15 33	7 59	8 13	28 41			n.a.
W29	1 9	19 14	2 20	9 34	2 57	9 28	0 21	23 49	1 49	10 3	1 17	23 48	0 1	19 8	0 42	14 14	1 28	13 7	15 33	7 58	8 14	28 41			n.a.
T 30	0 46	14 9	1 15	9 47	2 56	9 58	0 24	23 54	1 48	10 1	1 17	23 48	0 1	19 8	0 42	14 14	1 29	13 6	15 33	7 58	8 15	28 41			n.a.
F 31	0s22	8n20	0n 4	9n57	2n54	10n28	0n26	23n58	1n48	9s59	1n17	23s48	0n 1	19s 7	0s42	14s13	1s29	13s 6	15s32	7s58	8s17	28n41			n.a.

Julian Day Number = 1318976.5, Delta T = 07h34m40s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'07, Lahiri = -19°10'07 Julian Calendar 1 March 1102 BCE == Greg. Calendar 18 Feb. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

APRIL 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 51	0♈ 2'39	22♍22	18♈41	26♈49	9♊47	28°R35	1♑57	8♒32	26♒41	2♈45	9°R57	9♓ 4	25♊17	n.a.	S 1
S 2	11 57 47	1° 0'25	5♎55	19° 2	28° 1	10°19	28♎29	1°59	8°34	26°43	2°46	9♓55	9° 1	25°24	n.a.	S 2
M 3	12 1 44	1°58'11	19°44	19°17	29°14	10°52	28°23	2° 1	8°37	26°45	2°48	9°53	8°58	25°31	n.a.	M 3
T 4	12 5 40	2°55'54	3♏48	19°27	0♉26	11°24	28°17	2° 3	8°39	26°47	2°49	9°50	8°55	25°37	n.a.	T 4
W 5	12 9 37	3°53'36	18° 1	19°32	1°39	11°57	28°11	2° 5	8°41	26°48	2°50	9°47	8°51	25°44	n.a.	W 5
T 6	12 13 33	4°51'17	2♐19	19°R32	2°51	12°29	28° 4	2° 6	8°44	26°50	2°52	9°44	8°48	25°51	n.a.	T 6
F 7	12 17 30	5°48'57	16°38	19°28	4° 3	13° 2	27°58	2° 8	8°46	26°52	2°53	9°41	8°45	25°57	n.a.	F 7
S 8	12 21 26	6°46'36	0♑55	19°19	5°16	13°35	27°51	2°10	8°48	26°54	2°54	9°D40	8°42	26° 4	n.a.	S 8
S 9	12 25 23	7°44'14	15° 6	19° 5	6°28	14° 8	27°45	2°11	8°50	26°56	2°56	9°40	8°39	26°11	n.a.	S 9
M10	12 29 20	8°41'50	29°10	18°47	7°40	14°41	27°38	2°12	8°52	26°58	2°57	9°41	8°36	26°18	n.a.	M10
T 11	12 33 16	9°39'25	13♒ 5	18°26	8°52	15°14	27°31	2°14	8°54	26°59	2°58	9°43	8°32	26°24	n.a.	T 11
W12	12 37 13	10°37'00	26°51	18° 1	10° 4	15°47	27°24	2°15	8°56	27° 1	3° 0	9°44	8°29	26°31	n.a.	W12
T 13	12 41 9	11°34'33	10♓25	17°33	11°16	16°20	27°17	2°16	8°58	27° 3	3° 1	9°R45	8°26	26°38	n.a.	T 13
F 14	12 45 6	12°32'04	23°48	17° 3	12°28	16°53	27°10	2°17	9° 0	27° 5	3° 3	9°44	8°23	26°44	n.a.	F 14
S 15	12 49 2	13°29'35	6♈58	16°31	13°40	17°27	27° 3	2°18	9° 2	27° 6	3° 4	9°41	8°20	26°51	n.a.	S 15
S 16	12 52 59	14°27'04	19°55	15°57	14°52	18° 0	26°56	2°18	9° 4	27° 8	3° 5	9°37	8°17	26°58	n.a.	S 16
M17	12 56 55	15°24'33	2♉37	15°23	16° 4	18°34	26°48	2°19	9° 6	27°10	3° 7	9°32	8°13	27° 5	n.a.	M17
T 18	13 0 52	16°22'00	15° 6	14°49	17°16	19° 7	26°41	2°20	9° 8	27°11	3° 8	9°26	8°10	27°11	n.a.	T 18
W19	13 4 49	17°19'25	27°23	14°15	18°27	19°41	26°34	2°20	9° 9	27°13	3° 9	9°19	8° 7	27°18	n.a.	W19
T 20	13 8 45	18°16'50	9♊28	13°42	19°39	20°15	26°26	2°20	9°11	27°15	3°11	9°13	8° 4	27°25	n.a.	T 20
F 21	13 12 42	19°14'13	21°25	13°11	20°51	20°49	26°19	2°21	9°13	27°16	3°12	9° 8	8° 1	27°31	n.a.	F 21
S 22	13 16 38	20°11'35	3♋18	12°42	22° 2	21°23	26°11	2°21	9°14	27°18	3°13	9° 5	7°57	27°38	n.a.	S 22
S 23	13 20 35	21° 8'56	15°10	12°15	23°14	21°57	26° 4	2°R21	9°16	27°19	3°15	9° 3	7°54	27°45	n.a.	S 23
M24	13 24 31	22° 6'15	27° 7	11°52	24°25	22°31	25°56	2°21	9°17	27°21	3°16	9°D 3	7°51	27°52	n.a.	M24
T 25	13 28 28	23° 3'33	9♌13	11°31	25°36	23° 5	25°48	2°21	9°19	27°22	3°17	9° 4	7°48	27°58	n.a.	T 25
W26	13 32 24	24° 0'50	21°33	11°15	26°48	23°39	25°41	2°21	9°20	27°24	3°18	9° 6	7°45	28° 5	n.a.	W26
T 27	13 36 21	24°58'05	4♍12	11° 2	27°59	24°13	25°33	2°20	9°22	27°25	3°20	9°R 7	7°42	28°12	n.a.	T 27
F 28	13 40 18	25°55'20	17°13	10°54	29°10	24°48	25°25	2°20	9°23	27°26	3°21	9° 7	7°38	28°18	n.a.	F 28
S 29	13 44 14	26°52'33	0♎38	10°D49	0♊21	25°22	25°18	2°19	9°24	27°28	3°22	9° 5	7°35	28°25	n.a.	S 29
S 30	13 48 11	27♈49'46	14♎28	10♈50	1♊32	25♊57	25♎10	2♑19	9♒26	27♒29	3♈24	9♓ 1	7♓32	28♊32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 1	2n 2	1s 8	10n 3	2n51	10n57	0n29	24n 3	1n47	9s57	1n17	23s48	0n 1	19s 6	0s42	14s12	1s29	13s 5	15s32	7s58	8s18	28n41		n.a.
S 2	0 24	4s30	2 18	10 7	2 46	11 26	0 32	24 7	1 47	9 55	1 17	23 48	0 1	19 6	0 42	14 12	1 29	13 5	15 32	7 58	8 19	28 41		n.a.
M 3	0 48	10 57	3 22	10 8	2 40	11 55	0 35	24 12	1 47	9 53	1 17	23 48	0 1	19 5	0 43	14 11	1 29	13 4	15 32	7 59	8 20	28 41		n.a.
T 4	1 11	16 57	4 14	10 6	2 34	12 24	0 38	24 16	1 46	9 51	1 17	23 48	0 1	19 5	0 43	14 11	1 29	13 4	15 32	8 0	8 22	28 41		n.a.
W 5	1 34	22 7	4 51	10 0	2 26	12 52	0 40	24 20	1 46	9 48	1 17	23 48	0 1	19 4	0 43	14 10	1 29	13 3	15 32	8 2	8 23	28 41		n.a.
T 6	1 58	26 2	5 11	9 52	2 17	13 20	0 43	24 24	1 45	9 46	1 17	23 48	0 0	19 3	0 43	14 9	1 29	13 2	15 32	8 3	8 24	28 41		n.a.
F 7	2 21	28 18	5 11	9 41	2 6	13 48	0 46	24 28	1 45	9 44	1 17	23 48	0 0	19 3	0 43	14 9	1 29	13 2	15 32	8 4	8 25	28 41		n.a.
S 8	2 44	28 42	4 52	9 27	1 55	14 15	0 49	24 32	1 45	9 41	1 17	23 48	0 0	19 2	0 43	14 8	1 29	13 1	15 32	8 4	8 26	28 41		n.a.
S 9	3 7	27 11	4 16	9 10	1 43	14 42	0 51	24 36	1 44	9 39	1 17	23 48	0 0	19 2	0 43	14 7	1 29	13 1	15 32	8 4	8 28	28 41		n.a.
M10	3 30	23 59	3 24	8 51	1 29	15 9	0 54	24 39	1 44	9 37	1 17	23 49	0 0	19 1	0 43	14 7	1 29	13 0	15 32	8 4	8 29	28 41		n.a.
T 11	3 53	19 24	2 21	8 29	1 15	15 35	0 57	24 42	1 43	9 34	1 17	23 49	0s 0	19 1	0 43	14 6	1 29	13 0	15 32	8 3	8 30	28 41		n.a.
W12	4 16	13 52	1 10	8 6	1 0	16 1	0 59	24 46	1 43	9 32	1 17	23 49	0 0	19 0	0 43	14 6	1 29	12 59	15 32	8 3	8 31	28 40		n.a.
T 13	4 39	7 43	0n 4	7 41	0 44	16 26	1 2	24 49	1 43	9 29	1 17	23 49	0 0	19 0	0 43	14 5	1 29	12 59	15 32	8 2	8 32	28 40		n.a.
F 14	5 2	1 21	1 16	7 14	0 28	16 51	1 5	24 52	1 42	9 26	1 17	23 49	0 0	18 59	0 43	14 5	1 29	12 58	15 32	8 3	8 34	28 40		n.a.
S 15	5 25	4n59	2 23	6 46	0 11	17 16	1 7	24 55	1 42	9 24	1 17	23 49	0 0	18 59	0 43	14 4	1 29	12 58	15 32	8 4	8 35	28 40		n.a.
S 16	5 47	11 0	3 21	6 17	0s 6	17 40	1 10	24 58	1 41	9 21	1 17	23 49	0 0	18 58	0 43	14 3	1 29	12 57	15 32	8 5	8 36	28 40		n.a.
M17	6 10	16 27	4 8	5 48	0 23	18 4	1 12	25 0	1 41	9 19	1 17	23 49	0 1	18 58	0 43	14 3	1 29	12 57	15 33	8 7	8 37	28 40		n.a.
T 18	6 32	21 7	4 43	5 19	0 40	18 27	1 15	25 3	1 41	9 16	1 16	23 49	0 1	18 57	0 43	14 2	1 29	12 56	15 33	8 10	8 38	28 40		n.a.
W19	6 55	24 48	5 3	4 50	0 57	18 50	1 17	25 5	1 40	9 13	1 16	23 49	0 1	18 57	0 43	14 2	1 29	12 56	15 33	8 12	8 40	28 40		n.a.
T 20	7 17	27 20	5 10	4 22	1 13	19 12	1 20	25 7	1 40	9 11	1 16	23 49	0 1	18 56	0 43	14 1	1 29	12 55	15 33	8 14	8 41	28 39		n.a.
F 21	7 39	28 35	5 3	3 55	1 29	19 34	1 22	25 9	1 39	9 8	1 16	23 49	0 1	18 56	0 43	14 1	1 29	12 55	15 33	8 16	8 42	28 39		n.a.
S 22	8 1	28 30	4 43	3 30	1 45	19 56	1 24	25 11	1 39	9 5	1 16	23 49	0 1	18 56	0 43	14 0	1 29	12 54	15 33	8 18	8 43	28 39		n.a.
S 23	8 23	27 6	4 11	3 6	1 59	20 17	1 27	25 13	1 39	9 3	1 16	23 49	0 1	18 55	0 43	14 0	1 30	12 54	15 33	8 18	8 44	28 39		n.a.
M24	8 45	24 28	3 27	2 44	2 13	20 37	1 29	25 15	1 38	9 0	1 16	23 50	0 1	18 55	0 43	13 59	1 30	12 53	15 33	8 18	8 46	28 39		n.a.
T 25	9 6	20 43	2 35	2 24	2 26	20 57	1 31	25 16	1 38	8 57	1 16	23 50	0 1	18 55	0 43	13 59	1 30	12 53	15 33	8 18	8 47	28 39		n.a.
W26	9 28	16 1	1 34	2 6	2 38	21 16	1 33	25 18	1 37	8 54	1 16	23 50	0 1	18 54	0 43	13 58	1 30	12 52	15 33	8 17	8 48	28 38		n.a.
T 27	9 49	10 32	0 27	1 51	2 49	21 35	1 35	25 19	1 37	8 52	1 16	23 50	0 1	18 54	0 43	13 58	1 30	12 52	15 33	8 17	8 49	28 38		n.a.
F 28	10 10	4 28	0s44	1 39	2 58	21 53	1 37	25 20	1 37	8 49	1 16	23 50	0 1	18 54	0 43	13 58	1 30	12 52	15 33	8 17	8 50	28 38		n.a.
S 29	10 31	1s59	1 53	1 29	3 7	22 10	1 39	25 21	1 36	8 46	1 16	23 50	0 2	18 53	0 43	13 57	1 30	12 51	15 33	8 18	8 52	28 38		n.a.
S 30	10n52	8s32	2s58	1n22	3s15	22n27	1n41	25n22	1n36	8s44	1n15	23s50	0s 2	18s53	0s43	13s57	1s30	12s51	15s33	8s19	8s53	28n38		n.a.

Julian Day Number = 1319007.5, Delta T = 07h34m38s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°17'03, Lahiri = -19°10'03 Julian Calendar 1 Apr. 1102 BCE == Greg. Calendar 21 March 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

MAY 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 52 7	28♈46'57	28♎40	10♈54	2♊43	26♊31	25°R 3	2°R18	9♒27	27♒30	3♈25	8°R55	7♓29	28♊39	n.a.	M 1
T 2	13 56 4	29°44'08	13♏10	11° 4	3°54	27° 6	24♎55	2♑17	9°28	27°32	3°26	8♓47	7°26	28°45	n.a.	T 2
W 3	14 0 0	0♉41'19	27°50	11°17	5° 5	27°40	24°47	2°16	9°29	27°33	3°27	8°39	7°22	28°52	n.a.	W 3
T 4	14 3 57	1°38'29	12♐34	11°36	6°16	28°15	24°40	2°15	9°30	27°34	3°28	8°32	7°19	28°59	n.a.	T 4
F 5	14 7 53	2°35'38	27°14	11°58	7°27	28°50	24°32	2°14	9°31	27°35	3°30	8°26	7°16	29° 5	n.a.	F 5
S 6	14 11 50	3°32'47	11♑44	12°25	8°38	29°25	24°25	2°13	9°32	27°37	3°31	8°22	7°13	29°12	n.a.	S 6
S 7	14 15 47	4°29'56	26° 0	12°57	9°48	29°59	24°17	2°12	9°33	27°38	3°32	8°20	7°10	29°19	n.a.	S 7
M 8	14 19 43	5°27'05	10♒ 0	13°33	10°59	0♋35	24°10	2°10	9°34	27°39	3°33	8°D20	7° 7	29°26	n.a.	M 8
T 9	14 23 40	6°24'13	23°43	14°13	12° 9	1°10	24° 3	2° 9	9°35	27°40	3°34	8°21	7° 3	29°32	n.a.	T 9
W10	14 27 36	7°21'21	7♓11	14°57	13°20	1°45	23°55	2° 7	9°36	27°41	3°36	8°R21	7° 0	29°39	n.a.	W10
T 11	14 31 33	8°18'29	20°25	15°45	14°30	2°20	23°48	2° 6	9°36	27°42	3°37	8°21	6°57	29°46	n.a.	T 11
F 12	14 35 29	9°15'36	3♈25	16°37	15°40	2°55	23°41	2° 4	9°37	27°43	3°38	8°18	6°54	29°52	n.a.	F 12
S 13	14 39 26	10°12'44	16°15	17°33	16°50	3°31	23°34	2° 2	9°38	27°44	3°39	8°13	6°51	29°59	n.a.	S 13
S 14	14 43 23	11° 9'51	28°53	18°33	18° 1	4° 6	23°27	2° 0	9°38	27°45	3°40	8° 5	6°48	0♌ 6	n.a.	S 14
M15	14 47 19	12° 6'58	11♉20	19°37	19°11	4°42	23°20	1°58	9°39	27°46	3°41	7°55	6°44	0°13	n.a.	M15
T 16	14 51 16	13° 4'04	23°38	20°44	20°21	5°17	23°13	1°56	9°39	27°47	3°42	7°44	6°41	0°19	n.a.	T 16
W17	14 55 12	14° 1'11	5♊46	21°55	21°31	5°53	23° 6	1°54	9°40	27°48	3°44	7°32	6°38	0°26	n.a.	W17
T 18	14 59 9	14°58'17	17°47	23°10	22°40	6°28	23° 0	1°52	9°40	27°48	3°45	7°20	6°35	0°33	n.a.	T 18
F 19	15 3 5	15°55'23	29°41	24°28	23°50	7° 4	22°53	1°49	9°41	27°49	3°46	7°11	6°32	0°39	n.a.	F 19
S 20	15 7 2	16°52'28	11♋31	25°49	25° 0	7°40	22°47	1°47	9°41	27°50	3°47	7° 3	6°28	0°46	n.a.	S 20
S 21	15 10 58	17°49'33	23°22	27°15	26° 9	8°15	22°41	1°44	9°41	27°51	3°48	6°58	6°25	0°53	n.a.	S 21
M22	15 14 55	18°46'38	5♌17	28°43	27°19	8°51	22°34	1°42	9°41	27°51	3°49	6°55	6°22	1° 0	n.a.	M22
T 23	15 18 52	19°43'42	17°20	0♍15	28°28	9°27	22°28	1°39	9°42	27°52	3°50	6°D55	6°19	1° 6	n.a.	T 23
W24	15 22 48	20°40'47	29°38	1°50	29°38	10° 3	22°22	1°36	9°42	27°53	3°51	6°55	6°16	1°13	n.a.	W24
T 25	15 26 45	21°37'50	12♏15	3°29	0♋47	10°39	22°16	1°34	9°42	27°53	3°52	6°R55	6°13	1°20	n.a.	T 25
F 26	15 30 41	22°34'54	25°16	5°11	1°56	11°15	22°11	1°31	9°R42	27°54	3°53	6°54	6° 9	1°26	n.a.	F 26
S 27	15 34 38	23°31'57	8♎44	6°55	3° 5	11°51	22° 5	1°28	9°42	27°54	3°54	6°50	6° 6	1°33	n.a.	S 27
S 28	15 38 34	24°29'01	22°41	8°43	4°14	12°28	22° 0	1°25	9°42	27°55	3°55	6°45	6° 3	1°40	n.a.	S 28
M29	15 42 31	25°26'04	7♏ 5	10°34	5°23	13° 4	21°54	1°22	9°42	27°55	3°56	6°37	6° 0	1°47	n.a.	M29
T 30	15 46 28	26°23'08	21°52	12°28	6°31	13°40	21°49	1°18	9°41	27°56	3°56	6°27	5°57	1°53	n.a.	T 30
W31	15 50 24	27♉20'12	6♐53	14♉24	7♋40	14♋16	21♎44	1♑15	9♒41	27♒56	3♈57	6♓16	5♓54	2♋ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n13	14s49	3s54	1n18	3s21	22n44	1n43	25n22	1n35	8s41	1n15	23s50	0s 2	18s53	0s44	13s56	1s30	12s50	15s34	8s22	8s54	28n37			n.a.
T 2	11 34	20 25	4 36	1 17	3 26	22 59	1 45	25 23	1 35	8 38	1 15	23 50	0 2	18 52	0 44	13 56	1 30	12 50	15 34	8 24	8 55	28 37			n.a.
W 3	11 54	24 52	5 0	1 19	3 31	23 15	1 47	25 23	1 35	8 35	1 15	23 50	0 2	18 52	0 44	13 55	1 30	12 50	15 34	8 27	8 56	28 37			n.a.
T 4	12 14	27 43	5 5	1 23	3 34	23 29	1 48	25 23	1 34	8 33	1 15	23 51	0 2	18 52	0 44	13 55	1 30	12 49	15 34	8 30	8 58	28 36			n.a.
F 5	12 34	28 38	4 50	1 30	3 36	23 43	1 50	25 23	1 34	8 30	1 15	23 51	0 2	18 52	0 44	13 55	1 30	12 49	15 34	8 32	8 59	28 36			n.a.
S 6	12 54	27 33	4 16	1 40	3 37	23 56	1 52	25 23	1 33	8 28	1 15	23 51	0 2	18 51	0 44	13 54	1 30	12 48	15 34	8 34	9 0	28 36			n.a.
S 7	13 14	24 40	3 27	1 52	3 37	24 9	1 53	25 23	1 33	8 25	1 14	23 51	0 2	18 51	0 44	13 54	1 30	12 48	15 34	8 35	9 1	28 36			n.a.
M 8	13 33	20 22	2 26	2 7	3 37	24 21	1 54	25 22	1 32	8 22	1 14	23 51	0 2	18 51	0 44	13 54	1 30	12 48	15 35	8 35	9 2	28 35			n.a.
T 9	13 52	15 3	1 18	2 24	3 35	24 32	1 56	25 21	1 32	8 20	1 14	23 51	0 3	18 51	0 44	13 53	1 30	12 47	15 35	8 34	9 4	28 35			n.a.
W10	14 11	9 7	0 6	2 43	3 32	24 42	1 57	25 21	1 32	8 17	1 14	23 51	0 3	18 51	0 44	13 53	1 30	12 47	15 35	8 34	9 5	28 35			n.a.
T 11	14 30	2 53	1n 4	3 5	3 29	24 52	1 58	25 20	1 31	8 15	1 14	23 51	0 3	18 50	0 44	13 53	1 30	12 47	15 35	8 34	9 6	28 34			n.a.
F 12	14 49	3n22	2 10	3 29	3 25	25 1	1 59	25 18	1 31	8 12	1 14	23 52	0 3	18 50	0 44	13 52	1 31	12 46	15 35	8 35	9 7	28 34			n.a.
S 13	15 7	9 22	3 7	3 55	3 20	25 10	2 0	25 17	1 30	8 10	1 13	23 52	0 3	18 50	0 44	13 52	1 31	12 46	15 35	8 37	9 8	28 34			n.a.
S 14	15 25	14 54	3 55	4 24	3 14	25 18	2 1	25 16	1 30	8 7	1 13	23 52	0 3	18 50	0 44	13 52	1 31	12 46	15 35	8 40	9 10	28 33			n.a.
M15	15 43	19 45	4 31	4 54	3 8	25 25	2 2	25 14	1 29	8 5	1 13	23 52	0 3	18 50	0 44	13 52	1 31	12 46	15 36	8 44	9 11	28 33			n.a.
T 16	16 1	23 42	4 53	5 26	3 1	25 31	2 3	25 12	1 29	8 2	1 13	23 52	0 3	18 50	0 44	13 51	1 31	12 45	15 36	8 49	9 12	28 33			n.a.
W17	16 18	26 34	5 2	6 0	2 54	25 37	2 4	25 10	1 29	8 0	1 13	23 52	0 3	18 50	0 44	13 51	1 31	12 45	15 36	8 53	9 13	28 32			n.a.
T 18	16 35	28 11	4 57	6 35	2 46	25 41	2 4	25 8	1 28	7 58	1 12	23 52	0 3	18 50	0 44	13 51	1 31	12 45	15 36	8 57	9 14	28 32			n.a.
F 19	16 52	28 29	4 39	7 12	2 37	25 46	2 5	25 6	1 28	7 55	1 12	23 52	0 3	18 50	0 44	13 51	1 31	12 45	15 36	9 1	9 16	28 31			n.a.
S 20	17 9	27 28	4 10	7 51	2 28	25 49	2 5	25 3	1 27	7 53	1 12	23 53	0 4	18 49	0 44	13 50	1 31	12 44	15 37	9 4	9 17	28 31			n.a.
S 21	17 25	25 12	3 29	8 31	2 18	25 52	2 6	25 1	1 27	7 51	1 12	23 53	0 4	18 49	0 44	13 50	1 31	12 44	15 37	9 6	9 18	28 31			n.a.
M22	17 41	21 50	2 39	9 12	2 8	25 54	2 6	24 58	1 26	7 49	1 12	23 53	0 4	18 49	0 44	13 50	1 31	12 44	15 37	9 7	9 19	28 30			n.a.
T 23	17 57	17 30	1 42	9 55	1 57	25 55	2 6	24 55	1 26	7 47	1 11	23 53	0 4	18 49	0 44	13 50	1 31	12 44	15 37	9 7	9 20	28 30			n.a.
W24	18 13	12 23	0 39	10 39	1 47	25 56	2 6	24 52	1 26	7 45	1 11	23 53	0 4	18 49	0 44	13 50	1 31	12 43	15 37	9 7	9 22	28 29			n.a.
T 25	18 28	6 38	0s28	11 23	1 35	25 56	2 6	24 48	1 25	7 43	1 11	23 53	0 4	18 49	0 44	13 50	1 31	12 43	15 38	9 7	9 23	28 29			n.a.
F 26	18 43	0 27	1 36	12 8	1 24	25 55	2 6	24 45	1 25	7 41	1 11	23 53	0 4	18 49	0 44	13 49	1 31	12 43	15 38	9 7	9 24	28 28			n.a.
S 27	18 58	5s58	2 40	12 54	1 12	25 53	2 6	24 41	1 24	7 39	1 10	23 53	0 4	18 50	0 45	13 49	1 31	12 43	15 38	9 9	9 25	28 28			n.a.
S 28	19 12	12 18	3 37	13 41	1 1	25 51	2 5	24 38	1 24	7 37	1 10	23 54	0 4	18 50	0 45	13 49	1 31	12 43	15 38	9 11	9 26	28 28			n.a.
M29	19 26	18 13	4 22	14 28	0 49	25 48	2 5	24 34	1 23	7 35	1 10	23 54	0 4	18 50	0 45	13 49	1 31	12 43	15 38	9 14	9 28	28 27			n.a.
T 30	19 40	23 12	4 51	15 14	0 37	25 44	2 4	24 29	1 23	7 34	1 10	23 54	0 5	18 50	0 45	13 49	1 32	12 42	15 39	9 17	9 29	28 27			n.a.
W31	19n53	26s45	5s 0	16n 1	0s26	25n40	2n 4	24n25	1n23	7s32	1n 9	23s54	0s 5	18s50	0s45	13s49	1s32	12s42	15s39	9s21	9s30	28n26			n.a.

Julian Day Number = 1319037.5, Delta T = 07h34m36s
Ecliptic obliquity = 23°49'43, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'59, Lahiri = -19°09'59 Julian Calendar 1 May 1102 BCE == Greg. Calendar 20 Apr. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

JUNE 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 21	28♉17'16	22♐ 0	16♉23	8♋49	14♋53	21°R39	1°R12	9°R41	27♒57	3♈58	6°R 6	5♓50	2♋ 7	n.a.	T 1
F 2	15 58 17	29°14'20	7♑ 1	18°24	9°57	15°29	21♎35	1♑ 8	9♒41	27°57	3°59	5♓57	5°47	2°13	n.a.	F 2
S 3	16 2 14	0♊11'26	21°49	20°26	11° 5	16° 6	21°30	1° 5	9°40	27°57	4° 0	5°51	5°44	2°20	n.a.	S 3
S 4	16 6 10	1° 8'31	6♒17	22°31	12°13	16°42	21°26	1° 1	9°40	27°57	4° 1	5°47	5°41	2°27	n.a.	S 4
M 5	16 10 7	2° 5'38	20°23	24°37	13°21	17°19	21°21	0°58	9°39	27°58	4° 2	5°46	5°38	2°34	n.a.	M 5
T 6	16 14 3	3° 2'45	4♓ 5	26°44	14°29	17°56	21°17	0°54	9°39	27°58	4° 2	5°46	5°34	2°40	n.a.	T 6
W 7	16 18 0	3°59'52	17°27	28°52	15°37	18°32	21°13	0°50	9°38	27°58	4° 3	5°46	5°31	2°47	n.a.	W 7
T 8	16 21 57	4°57'01	0♈29	1♊ 0	16°45	19° 9	21° 9	0°47	9°38	27°58	4° 4	5°44	5°28	2°54	n.a.	T 8
F 9	16 25 53	5°54'10	13°16	3° 9	17°52	19°46	21° 6	0°43	9°37	27°58	4° 5	5°41	5°25	3° 0	n.a.	F 9
S 10	16 29 50	6°51'20	25°50	5°17	19° 0	20°23	21° 2	0°39	9°36	27°58	4° 5	5°34	5°22	3° 7	n.a.	S 10
S 11	16 33 46	7°48'31	8♉13	7°25	20° 7	21° 0	20°59	0°35	9°36	27°58	4° 6	5°25	5°19	3°14	n.a.	S 11
M12	16 37 43	8°45'43	20°27	9°33	21°14	21°37	20°56	0°31	9°35	27°R58	4° 7	5°14	5°15	3°20	n.a.	M12
T 13	16 41 39	9°42'55	2♊33	11°40	22°21	22°14	20°53	0°27	9°34	27°58	4° 7	5° 0	5°12	3°27	n.a.	T 13
W14	16 45 36	10°40'09	14°33	13°46	23°28	22°51	20°50	0°23	9°33	27°58	4° 8	4°47	5° 9	3°34	n.a.	W14
T 15	16 49 33	11°37'23	26°28	15°50	24°35	23°28	20°48	0°19	9°32	27°58	4° 9	4°33	5° 6	3°41	n.a.	T 15
F 16	16 53 29	12°34'37	8♋19	17°54	25°42	24° 5	20°45	0°15	9°31	27°58	4° 9	4°22	5° 3	3°47	n.a.	F 16
S 17	16 57 26	13°31'53	20° 8	19°56	26°48	24°43	20°43	0°11	9°30	27°58	4°10	4°13	5° 0	3°54	n.a.	S 17
S 18	17 1 22	14°29'09	1♌58	21°57	27°55	25°20	20°41	0° 7	9°29	27°58	4°10	4° 6	4°56	4° 1	n.a.	S 18
M19	17 5 19	15°26'25	13°53	23°56	29° 1	25°58	20°39	0° 2	9°28	27°58	4°11	4° 3	4°53	4° 7	n.a.	M19
T 20	17 9 15	16°23'43	25°56	25°54	0♌ 7	26°35	20°38	29♐58	9°27	27°57	4°12	4° 1	4°50	4°14	n.a.	T 20
W21	17 13 12	17°21'01	8♍12	27°50	1°12	27°12	20°36	29°54	9°26	27°57	4°12	4°D 1	4°47	4°21	n.a.	W21
T 22	17 17 8	18°18'19	20°46	29°45	2°18	27°50	20°35	29°49	9°25	27°57	4°13	4°R 1	4°44	4°28	n.a.	T 22
F 23	17 21 5	19°15'38	3♎43	1♋38	3°24	28°28	20°34	29°45	9°23	27°56	4°13	4° 0	4°40	4°34	n.a.	F 23
S 24	17 25 2	20°12'58	17° 7	3°29	4°29	29° 5	20°33	29°41	9°22	27°56	4°13	3°58	4°37	4°41	n.a.	S 24
S 25	17 28 58	21°10'19	1♏ 1	5°19	5°34	29°43	20°32	29°36	9°21	27°56	4°14	3°53	4°34	4°48	n.a.	S 25
M26	17 32 55	22° 7'41	15°24	7° 7	6°39	0♌21	20°31	29°32	9°19	27°55	4°14	3°46	4°31	4°54	n.a.	M26
T 27	17 36 51	23° 5'03	0♐14	8°53	7°43	0°59	20°31	29°27	9°18	27°55	4°15	3°37	4°28	5° 1	n.a.	T 27
W28	17 40 48	24° 2'27	15°22	10°38	8°48	1°36	20°31	29°23	9°17	27°54	4°15	3°27	4°25	5° 8	n.a.	W28
T 29	17 44 44	24°59'52	0♑40	12°21	9°52	2°14	20°D31	29°18	9°15	27°54	4°15	3°17	4°21	5°15	n.a.	T 29
F 30	17 48 41	25♊57'18	15♑56	14♋ 3	10♌56	2♌52	20♎31	29♐14	9♒14	27♒53	4♈16	3♓ 9	4♓18	5♋21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 6	28 s24	4 s49	16n47	0 s14	25n35	2n 3	24n21	1n22	7 s30	1n 9	23 s54	0 s 5	18 s50	0 s45	13 s49	1 s32	12 s42	15 s39	9 s25	9 s31	28n26		n.a.
F 2	20 19	27 56	4 18	17 33	0 3	25 29	2 2	24 16	1 22	7 29	1 9	23 54	0 5	18 50	0 45	13 49	1 32	12 42	15 39	9 28	9 32	28 25		n.a.
S 3	20 31	25 29	3 30	18 17	0n 9	25 22	2 1	24 11	1 21	7 27	1 9	23 54	0 5	18 50	0 45	13 49	1 32	12 42	15 40	9 31	9 33	28 25		n.a.
S 4	20 43	21 24	2 29	19 1	0 19	25 15	2 0	24 6	1 21	7 26	1 8	23 54	0 5	18 50	0 45	13 49	1 32	12 42	15 40	9 32	9 35	28 24		n.a.
M 5	20 55	16 12	1 20	19 43	0 30	25 7	1 59	24 1	1 20	7 25	1 8	23 55	0 5	18 50	0 45	13 49	1 32	12 42	15 40	9 33	9 36	28 24		n.a.
T 6	21 6	10 18	0 9	20 23	0 40	24 59	1 58	23 55	1 20	7 23	1 8	23 55	0 5	18 51	0 45	13 49	1 32	12 42	15 40	9 33	9 37	28 23		n.a.
W 7	21 17	4 6	1n 1	21 2	0 49	24 49	1 56	23 50	1 19	7 22	1 8	23 55	0 5	18 51	0 45	13 49	1 32	12 41	15 41	9 33	9 38	28 22		n.a.
T 8	21 28	2n 8	2 7	21 38	0 58	24 40	1 55	23 44	1 19	7 21	1 7	23 55	0 5	18 51	0 45	13 49	1 32	12 41	15 41	9 33	9 39	28 22		n.a.
F 9	21 38	8 8	3 4	22 13	1 6	24 29	1 53	23 38	1 19	7 20	1 7	23 55	0 5	18 51	0 45	13 49	1 32	12 41	15 41	9 35	9 41	28 21		n.a.
S 10	21 48	13 43	3 51	22 44	1 14	24 18	1 52	23 32	1 18	7 19	1 7	23 55	0 6	18 51	0 45	13 49	1 32	12 41	15 41	9 37	9 42	28 21		n.a.
S 11	21 58	18 40	4 27	23 14	1 21	24 6	1 50	23 26	1 18	7 18	1 7	23 55	0 6	18 52	0 45	13 49	1 32	12 41	15 42	9 40	9 43	28 20		n.a.
M12	22 7	22 48	4 50	23 41	1 27	23 54	1 48	23 20	1 17	7 17	1 6	23 55	0 6	18 52	0 45	13 49	1 32	12 41	15 42	9 45	9 44	28 20		n.a.
T 13	22 16	25 54	4 59	24 5	1 33	23 41	1 46	23 13	1 17	7 16	1 6	23 56	0 6	18 52	0 45	13 49	1 32	12 41	15 42	9 50	9 45	28 19		n.a.
W14	22 25	27 48	4 55	24 26	1 37	23 27	1 44	23 7	1 16	7 15	1 6	23 56	0 6	18 52	0 45	13 49	1 32	12 41	15 42	9 55	9 46	28 18		n.a.
T 15	22 33	28 25	4 38	24 44	1 41	23 13	1 41	23 0	1 16	7 14	1 5	23 56	0 6	18 53	0 45	13 49	1 33	12 41	15 43	10 0	9 48	28 18		n.a.
F 16	22 40	27 43	4 9	25 0	1 45	22 58	1 39	22 53	1 15	7 14	1 5	23 56	0 6	18 53	0 45	13 49	1 33	12 41	15 43	10 4	9 49	28 17		n.a.
S 17	22 48	25 45	3 30	25 14	1 47	22 43	1 36	22 45	1 15	7 13	1 5	23 56	0 6	18 53	0 45	13 49	1 33	12 41	15 43	10 7	9 50	28 16		n.a.
S 18	22 55	22 39	2 41	25 24	1 49	22 27	1 34	22 38	1 14	7 13	1 5	23 56	0 6	18 54	0 45	13 49	1 33	12 41	15 44	10 10	9 51	28 16		n.a.
M19	23 1	18 36	1 45	25 32	1 51	22 10	1 31	22 31	1 14	7 12	1 4	23 56	0 6	18 54	0 45	13 49	1 33	12 41	15 44	10 11	9 52	28 15		n.a.
T 20	23 7	13 45	0 43	25 37	1 52	21 53	1 28	22 23	1 13	7 12	1 4	23 56	0 7	18 54	0 45	13 50	1 33	12 41	15 44	10 12	9 54	28 15		n.a.
W21	23 13	8 17	0 s22	25 40	1 52	21 36	1 25	22 15	1 13	7 11	1 4	23 56	0 7	18 55	0 45	13 50	1 33	12 41	15 44	10 12	9 55	28 14		n.a.
T 22	23 18	2 23	1 28	25 41	1 51	21 18	1 22	22 7	1 13	7 11	1 3	23 56	0 7	18 55	0 46	13 50	1 33	12 41	15 45	10 12	9 56	28 13		n.a.
F 23	23 23	3 s48	2 31	25 39	1 50	20 59	1 19	21 59	1 12	7 11	1 3	23 57	0 7	18 55	0 46	13 50	1 33	12 42	15 45	10 12	9 57	28 13		n.a.
S 24	23 28	10 1	3 27	25 35	1 48	20 40	1 15	21 50	1 12	7 11	1 3	23 57	0 7	18 56	0 46	13 50	1 33	12 42	15 45	10 13	9 58	28 12		n.a.
S 25	23 32	15 59	4 14	25 29	1 46	20 21	1 12	21 42	1 11	7 11	1 3	23 57	0 7	18 56	0 46	13 50	1 33	12 42	15 46	10 15	9 59	28 11		n.a.
M26	23 35	21 17	4 47	25 21	1 43	20 1	1 8	21 33	1 11	7 11	1 2	23 57	0 7	18 57	0 46	13 51	1 33	12 42	15 46	10 17	10 1	28 10		n.a.
T 27	23 39	25 26	5 2	25 11	1 40	19 41	1 5	21 24	1 10	7 11	1 2	23 57	0 7	18 57	0 46	13 51	1 33	12 42	15 46	10 21	10 2	28 10		n.a.
W28	23 41	27 54	4 56	25 0	1 36	19 20	1 1	21 15	1 10	7 11	1 2	23 57	0 7	18 57	0 46	13 51	1 33	12 42	15 46	10 24	10 3	28 9		n.a.
T 29	23 44	28 18	4 29	24 47	1 32	18 59	0 57	21 6	1 9	7 12	1 1	23 57	0 7	18 58	0 46	13 51	1 33	12 42	15 47	10 28	10 4	28 8		n.a.
F 30	23n46	26 s33	3 s43	24n32	1n28	18n37	0n53	20n57	1n 9	7 s12	1n 1	23 s57	0 s 8	18 s58	0 s46	13 s52	1 s33	12 s42	15 s47	10 s31	10 s 5	28n 8		n.a.

Julian Day Number = 1319068.5, Delta T = 07h34m35s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'55, Lahiri = -19°09'54 Julian Calendar 1 June 1102 BCE == Greg. Calendar 21 May 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

JULY 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 38	26♊54'46	0♒59	15♋43	12♌ 0	3♌30	20♎31	29°R10	9°R12	27°R53	4♈16	3°R 4	4♓15	5♋28	n.a.	S 1
S 2	17 56 34	27°52'14	15°41	17°21	13° 4	4° 8	20°32	29♐ 5	9♒10	27♒52	4°16	3♓ 0	4°12	5°35	n.a.	S 2
M 3	18 0 31	28°49'45	29°57	18°58	14° 7	4°46	20°33	29° 1	9° 9	27°51	4°17	2°D59	4° 9	5°41	n.a.	M 3
T 4	18 4 27	29°47'16	13♓47	20°33	15°10	5°25	20°33	28°56	9° 7	27°51	4°17	2°59	4° 6	5°48	n.a.	T 4
W 5	18 8 24	0♋44'50	27°11	22° 7	16°13	6° 3	20°35	28°52	9° 5	27°50	4°17	3°R 0	4° 2	5°55	n.a.	W 5
T 6	18 12 20	1°42'25	10♈12	23°39	17°15	6°41	20°36	28°47	9° 4	27°49	4°17	3° 0	3°59	6° 1	n.a.	T 6
F 7	18 16 17	2°40'01	22°54	25°10	18°18	7°20	20°37	28°43	9° 2	27°48	4°18	2°58	3°56	6° 8	n.a.	F 7
S 8	18 20 13	3°37'40	5♉20	26°39	19°20	7°58	20°39	28°38	9° 0	27°48	4°18	2°53	3°53	6°15	n.a.	S 8
S 9	18 24 10	4°35'20	17°33	28° 6	20°22	8°36	20°41	28°34	8°58	27°47	4°18	2°47	3°50	6°22	n.a.	S 9
M10	18 28 7	5°33'02	29°38	29°32	21°23	9°15	20°43	28°29	8°56	27°46	4°18	2°38	3°46	6°28	n.a.	M10
T 11	18 32 3	6°30'45	11♊36	0♌56	22°24	9°53	20°45	28°25	8°55	27°45	4°18	2°28	3°43	6°35	n.a.	T 11
W12	18 36 0	7°28'31	23°30	2°18	23°25	10°32	20°47	28°20	8°53	27°44	4°18	2°17	3°40	6°42	n.a.	W12
T 13	18 39 56	8°26'17	5♋21	3°39	24°26	11°11	20°50	28°16	8°51	27°43	4°18	2° 7	3°37	6°48	n.a.	T 13
F 14	18 43 53	9°24'06	17°11	4°58	25°26	11°50	20°52	28°12	8°49	27°42	4°18	1°58	3°34	6°55	n.a.	F 14
S 15	18 47 49	10°21'56	29° 2	6°15	26°26	12°28	20°55	28° 7	8°47	27°41	4°18	1°51	3°31	7° 2	n.a.	S 15
S 16	18 51 46	11°19'47	10♌56	7°31	27°26	13° 7	20°58	28° 3	8°45	27°40	4°R18	1°47	3°27	7° 8	n.a.	S 16
M17	18 55 42	12°17'40	22°55	8°44	28°25	13°46	21° 2	27°59	8°43	27°39	4°18	1°45	3°24	7°15	n.a.	M17
T 18	18 59 39	13°15'34	5♍ 2	9°55	29°24	14°25	21° 5	27°54	8°41	27°38	4°18	1°D44	3°21	7°22	n.a.	T 18
W19	19 3 36	14°13'30	17°21	11° 5	0♍23	15° 4	21° 9	27°50	8°38	27°37	4°18	1°45	3°18	7°29	n.a.	W19
T 20	19 7 32	15°11'28	29°56	12°12	1°21	15°43	21°12	27°46	8°36	27°36	4°18	1°46	3°15	7°35	n.a.	T 20
F 21	19 11 29	16° 9'26	12♎52	13°17	2°18	16°22	21°16	27°42	8°34	27°35	4°18	1°R47	3°12	7°42	n.a.	F 21
S 22	19 15 25	17° 7'26	26°11	14°19	3°16	17° 1	21°20	27°38	8°32	27°34	4°18	1°47	3° 8	7°49	n.a.	S 22
S 23	19 19 22	18° 5'28	9♏56	15°19	4°12	17°41	21°25	27°34	8°30	27°32	4°18	1°45	3° 5	7°55	n.a.	S 23
M24	19 23 18	19° 3'32	24°10	16°16	5° 9	18°20	21°29	27°30	8°28	27°31	4°18	1°41	3° 2	8° 2	n.a.	M24
T 25	19 27 15	20° 1'37	8♐49	17°11	6° 5	18°59	21°34	27°26	8°25	27°30	4°17	1°36	2°59	8° 9	n.a.	T 25
W26	19 31 11	20°59'43	23°48	18° 2	7° 0	19°39	21°39	27°22	8°23	27°29	4°17	1°30	2°56	8°15	n.a.	W26
T 27	19 35 8	21°57'52	9♑ 0	18°50	7°55	20°18	21°44	27°18	8°21	27°28	4°17	1°24	2°52	8°22	n.a.	T 27
F 28	19 39 5	22°56'02	24°15	19°35	8°49	20°57	21°49	27°14	8°19	27°26	4°17	1°19	2°49	8°29	n.a.	F 28
S 29	19 43 1	23°54'14	9♒22	20°17	9°43	21°37	21°54	27°10	8°16	27°25	4°17	1°16	2°46	8°36	n.a.	S 29
S 30	19 46 58	24°52'28	24°12	20°54	10°36	22°17	21°59	27° 7	8°14	27°24	4°16	1°D14	2°43	8°42	n.a.	S 30
M31	19 50 54	25♋50'43	8♓38	21♌27	11♍29	22♌56	22♎ 5	27♐ 3	8♒12	27♒22	4♈16	1♓14	2♓40	8♋49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	22s53	2s42	24n15	1n23	18n15	0n49	20n47	1n 8	7s12	1n 1	23s57	0s 8	18s59	0s46	13s52	1s33	12s42	15s47	10s33	10s 6	28n 7		n.a.
S 2	23 49	17 50	1 31	23 58	1 17	17 53	0 44	20 38	1 8	7 13	1 1	23 57	0 8	18 59	0 46	13 52	1 34	12 43	15 48	10 34	10 8	28 6		n.a.
M 3	23 49	11 55	0 16	23 39	1 12	17 30	0 40	20 28	1 7	7 13	1 0	23 57	0 8	19 0	0 46	13 52	1 34	12 43	15 48	10 34	10 9	28 5		n.a.
T 4	23 50	5 36	0n57	23 18	1 6	17 7	0 35	20 18	1 7	7 14	1 0	23 57	0 8	19 0	0 46	13 53	1 34	12 43	15 48	10 34	10 10	28 4		n.a.
W 5	23 50	0n47	2 5	22 57	0 59	16 43	0 31	20 8	1 6	7 15	1 0	23 57	0 8	19 1	0 46	13 53	1 34	12 43	15 49	10 34	10 11	28 4		n.a.
T 6	23 49	6 56	3 5	22 35	0 52	16 20	0 26	19 58	1 6	7 15	0 59	23 57	0 8	19 1	0 46	13 53	1 34	12 43	15 49	10 34	10 12	28 3		n.a.
F 7	23 48	12 39	3 54	22 11	0 45	15 56	0 21	19 47	1 5	7 16	0 59	23 57	0 8	19 2	0 46	13 54	1 34	12 44	15 49	10 35	10 14	28 2		n.a.
S 8	23 47	17 45	4 30	21 47	0 38	15 31	0 16	19 37	1 5	7 17	0 59	23 58	0 8	19 2	0 46	13 54	1 34	12 44	15 50	10 37	10 15	28 1		n.a.
S 9	23 45	22 2	4 54	21 22	0 30	15 7	0 11	19 26	1 4	7 18	0 59	23 58	0 8	19 3	0 46	13 54	1 34	12 44	15 50	10 39	10 16	28 1		n.a.
M10	23 43	25 20	5 4	20 56	0 22	14 42	0 6	19 15	1 4	7 19	0 58	23 58	0 8	19 3	0 46	13 55	1 34	12 44	15 50	10 42	10 17	28 0		n.a.
T 11	23 40	27 30	5 1	20 30	0 14	14 16	0 0	19 4	1 3	7 20	0 58	23 58	0 9	19 4	0 46	13 55	1 34	12 44	15 50	10 46	10 18	27 59		n.a.
W12	23 37	28 24	4 44	20 3	0 5	13 51	0s 5	18 53	1 3	7 21	0 58	23 58	0 9	19 4	0 46	13 55	1 34	12 45	15 51	10 50	10 19	27 58		n.a.
T 13	23 33	27 58	4 15	19 36	0s 3	13 25	0 11	18 42	1 2	7 22	0 57	23 58	0 9	19 5	0 46	13 56	1 34	12 45	15 51	10 53	10 21	27 57		n.a.
F 14	23 29	26 16	3 36	19 8	0 12	13 0	0 16	18 31	1 2	7 24	0 57	23 58	0 9	19 5	0 46	13 56	1 34	12 45	15 51	10 57	10 22	27 56		n.a.
S 15	23 25	23 24	2 46	18 40	0 21	12 34	0 22	18 19	1 1	7 25	0 57	23 58	0 9	19 6	0 46	13 56	1 34	12 45	15 52	10 59	10 23	27 55		n.a.
S 16	23 20	19 32	1 50	18 12	0 30	12 7	0 28	18 7	1 1	7 27	0 57	23 58	0 9	19 6	0 46	13 57	1 34	12 46	15 52	11 1	10 24	27 55		n.a.
M17	23 15	14 51	0 47	17 44	0 40	11 41	0 34	17 55	1 0	7 28	0 56	23 58	0 9	19 7	0 46	13 57	1 34	12 46	15 52	11 2	10 25	27 54		n.a.
T 18	23 9	9 32	0s18	17 15	0 49	11 14	0 40	17 43	1 0	7 30	0 56	23 58	0 9	19 8	0 46	13 58	1 34	12 46	15 53	11 2	10 26	27 53		n.a.
W19	23 3	3 48	1 23	16 47	0 59	10 48	0 47	17 31	0 59	7 31	0 56	23 58	0 9	19 8	0 46	13 58	1 34	12 47	15 53	11 1	10 28	27 52		n.a.
T 20	22 57	2s13	2 26	16 19	1 9	10 21	0 53	17 19	0 59	7 33	0 55	23 58	0 9	19 9	0 46	13 59	1 34	12 47	15 53	11 1	10 29	27 51		n.a.
F 21	22 50	8 17	3 24	15 51	1 19	9 54	0 59	17 7	0 58	7 35	0 55	23 58	0 9	19 9	0 46	13 59	1 34	12 47	15 53	11 1	10 30	27 50		n.a.
S 22	22 43	14 10	4 12	15 23	1 29	9 27	1 6	16 54	0 58	7 36	0 55	23 58	0 10	19 10	0 46	13 59	1 35	12 48	15 54	11 1	10 31	27 49		n.a.
S 23	22 35	19 34	4 48	14 56	1 39	9 0	1 13	16 41	0 57	7 38	0 55	23 58	0 10	19 11	0 46	14 0	1 35	12 48	15 54	11 2	10 32	27 48		n.a.
M24	22 27	24 4	5 7	14 29	1 49	8 33	1 20	16 29	0 57	7 40	0 54	23 58	0 10	19 11	0 46	14 0	1 35	12 48	15 54	11 3	10 33	27 47		n.a.
T 25	22 18	27 11	5 7	14 3	1 59	8 5	1 26	16 16	0 56	7 42	0 54	23 58	0 10	19 12	0 46	14 1	1 35	12 49	15 55	11 5	10 35	27 46		n.a.
W26	22 10	28 27	4 47	13 38	2 9	7 38	1 34	16 3	0 56	7 44	0 54	23 58	0 10	19 12	0 46	14 1	1 35	12 49	15 55	11 7	10 36	27 46		n.a.
T 27	22 0	27 36	4 6	13 13	2 19	7 11	1 41	15 50	0 55	7 46	0 54	23 58	0 10	19 13	0 46	14 2	1 35	12 49	15 55	11 9	10 37	27 45		n.a.
F 28	21 51	24 41	3 7	12 50	2 29	6 44	1 48	15 36	0 55	7 49	0 53	23 58	0 10	19 14	0 46	14 2	1 35	12 50	15 56	11 11	10 38	27 44		n.a.
S 29	21 40	20 4	1 56	12 27	2 39	6 17	1 55	15 23	0 54	7 51	0 53	23 58	0 10	19 14	0 46	14 3	1 35	12 50	15 56	11 12	10 39	27 43		n.a.
S 30	21 30	14 16	0 38	12 6	2 49	5 49	2 3	15 9	0 54	7 53	0 53	23 58	0 10	19 15	0 46	14 3	1 35	12 50	15 56	11 13	10 40	27 42		n.a.
M31	21n19	7s51	0n40	11n46	2s58	5n22	2s10	14n56	0n53	7s55	0n53	23s58	0s10	19s16	0s46	14s 4	1s35	12s51	15s56	11s13	10s42	27n41		n.a.

Julian Day Number = 1319098.5, Delta T = 07h34m33s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'51, Lahiri = -19°09'50 Julian Calendar 1 July 1102 BCE == Greg. Calendar 20 June 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

AUGUST 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 51	26♋49'01	22♓37	21♌56	12♍21	23♌36	22♎11	26°R59	8°R 9	27°R21	4°R16	1♓15	2♓37	8♋56	n.a.	T 1
W 2	19 58 47	27°47'22	6♈ 9	22°20	13°12	24°16	22°16	26♐56	8♒ 7	27♒19	4♈15	1°17	2°33	9° 2	n.a.	W 2
T 3	20 2 44	28°45'44	19°15	22°40	14° 3	24°55	22°22	26°52	8° 5	27°18	4°15	1°18	2°30	9° 9	n.a.	T 3
F 4	20 6 40	29°44'09	1♉59	22°53	14°53	25°35	22°29	26°49	8° 2	27°17	4°15	1°R19	2°27	9°16	n.a.	F 4
S 5	20 10 37	0♌42'36	14°24	23° 2	15°42	26°15	22°35	26°46	8° 0	27°15	4°14	1°18	2°24	9°22	n.a.	S 5
S 6	20 14 34	1°41'06	26°35	23°R 4	16°31	26°55	22°41	26°42	7°57	27°14	4°14	1°15	2°21	9°29	n.a.	S 6
M 7	20 18 30	2°39'37	8♊35	23° 0	17°19	27°35	22°48	26°39	7°55	27°12	4°13	1°12	2°18	9°36	n.a.	M 7
T 8	20 22 27	3°38'11	20°29	22°49	18° 6	28°15	22°55	26°36	7°53	27°11	4°13	1° 8	2°14	9°43	n.a.	T 8
W 9	20 26 23	4°36'48	2♋20	22°32	18°52	28°56	23° 2	26°33	7°50	27° 9	4°12	1° 3	2°11	9°49	n.a.	W 9
T 10	20 30 20	5°35'26	14°10	22° 8	19°38	29°36	23° 9	26°30	7°48	27° 8	4°12	0°58	2° 8	9°56	n.a.	T 10
F 11	20 34 16	6°34'07	26° 2	21°37	20°23	0♍16	23°16	26°27	7°45	27° 6	4°11	0°54	2° 5	10° 3	n.a.	F 11
S 12	20 38 13	7°32'50	7♌58	20°59	21° 6	0°56	23°23	26°24	7°43	27° 5	4°11	0°52	2° 2	10° 9	n.a.	S 12
S 13	20 42 9	8°31'35	20° 0	20°15	21°49	1°37	23°31	26°21	7°41	27° 3	4°10	0°50	1°58	10°16	n.a.	S 13
M14	20 46 6	9°30'22	2♍10	19°24	22°31	2°17	23°39	26°19	7°38	27° 2	4°10	0°D50	1°55	10°23	n.a.	M14
T 15	20 50 2	10°29'11	14°28	18°28	23°11	2°58	23°46	26°16	7°36	27° 0	4° 9	0°50	1°52	10°29	n.a.	T 15
W16	20 53 59	11°28'01	26°59	17°28	23°51	3°38	23°54	26°14	7°33	26°58	4° 8	0°51	1°49	10°36	n.a.	W16
T 17	20 57 56	12°26'54	9♎43	16°24	24°29	4°19	24° 2	26°11	7°31	26°57	4° 8	0°53	1°46	10°43	n.a.	T 17
F 18	21 1 52	13°25'49	22°44	15°19	25° 7	4°59	24°10	26° 9	7°29	26°55	4° 7	0°54	1°43	10°49	n.a.	F 18
S 19	21 5 49	14°24'46	6♏ 3	14°13	25°43	5°40	24°19	26° 7	7°26	26°54	4° 6	0°55	1°39	10°56	n.a.	S 19
S 20	21 9 45	15°23'44	19°43	13° 8	26°18	6°21	24°27	26° 5	7°24	26°52	4° 6	0°R55	1°36	11° 3	n.a.	S 20
M21	21 13 42	16°22'45	3♐45	12° 6	26°51	7° 2	24°36	26° 3	7°22	26°50	4° 5	0°54	1°33	11°10	n.a.	M21
T 22	21 17 38	17°21'47	18° 7	11° 8	27°23	7°43	24°44	26° 1	7°19	26°49	4° 4	0°53	1°30	11°16	n.a.	T 22
W23	21 21 35	18°20'51	2♑47	10°17	27°54	8°24	24°53	25°59	7°17	26°47	4° 4	0°52	1°27	11°23	n.a.	W23
T 24	21 25 31	19°19'58	17°39	9°33	28°23	9° 5	25° 2	25°57	7°14	26°45	4° 3	0°50	1°24	11°30	n.a.	T 24
F 25	21 29 28	20°19'06	2♒36	8°58	28°51	9°46	25°11	25°55	7°12	26°44	4° 2	0°49	1°20	11°36	n.a.	F 25
S 26	21 33 25	21°18'16	17°31	8°32	29°17	10°27	25°20	25°54	7°10	26°42	4° 1	0°49	1°17	11°43	n.a.	S 26
S 27	21 37 21	22°17'29	2♓15	8°16	29°41	11° 8	25°29	25°52	7° 8	26°40	4° 1	0°D48	1°14	11°50	n.a.	S 27
M28	21 41 18	23°16'43	16°41	8°D11	0♎ 4	11°49	25°39	25°51	7° 5	26°39	4° 0	0°49	1°11	11°56	n.a.	M28
T 29	21 45 14	24°16'00	0♈44	8°17	0°25	12°30	25°48	25°49	7° 3	26°37	3°59	0°49	1° 8	12° 3	n.a.	T 29
W30	21 49 11	25°15'19	14°22	8°33	0°44	13°12	25°58	25°48	7° 1	26°35	3°58	0°50	1° 4	12°10	n.a.	W30
T 31	21 53 7	26♌14'41	27♈34	8♌59	1♎ 1	13♍53	26♎ 8	25♐47	6♒58	26♒34	3♈57	0♓50	1♓ 1	12♋16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n 8	1s14	1n54	11n28	3s 7	4n55	2s18	14n42	0n53	7s58	0n52	23s58	0s10	19s16	0s46	14s 4	1s35	12s51	15s57	11s12	10s43	27n40			n.a.
W 2	20 56	5n13	2 59	11 12	3 16	4 28	2 25	14 28	0 52	8 0	0 52	23 58	0 10	19 17	0 46	14 5	1 35	12 52	15 57	11 12	10 44	27 39			n.a.
T 3	20 44	11 14	3 53	10 58	3 25	4 1	2 33	14 14	0 51	8 3	0 52	23 58	0 11	19 17	0 46	14 5	1 35	12 52	15 57	11 11	10 45	27 38			n.a.
F 4	20 32	16 36	4 33	10 46	3 32	3 35	2 41	14 0	0 51	8 5	0 52	23 58	0 11	19 18	0 46	14 6	1 35	12 52	15 58	11 11	10 46	27 37			n.a.
S 5	20 19	21 10	4 59	10 36	3 40	3 8	2 49	13 45	0 50	8 8	0 51	23 58	0 11	19 19	0 46	14 6	1 35	12 53	15 58	11 11	10 47	27 36			n.a.
S 6	20 6	24 45	5 12	10 29	3 46	2 41	2 57	13 31	0 50	8 11	0 51	23 58	0 11	19 19	0 46	14 7	1 35	12 53	15 58	11 12	10 48	27 35			n.a.
M 7	19 53	27 12	5 10	10 25	3 52	2 15	3 5	13 17	0 49	8 13	0 51	23 58	0 11	19 20	0 46	14 8	1 35	12 54	15 58	11 13	10 50	27 34			n.a.
T 8	19 39	28 23	4 55	10 24	3 57	1 49	3 13	13 2	0 49	8 16	0 51	23 58	0 11	19 21	0 46	14 8	1 35	12 54	15 59	11 15	10 51	27 33			n.a.
W 9	19 25	28 16	4 28	10 26	4 1	1 23	3 22	12 47	0 48	8 19	0 50	23 58	0 11	19 21	0 46	14 9	1 35	12 54	15 59	11 17	10 52	27 31			n.a.
T 10	19 11	26 51	3 49	10 31	4 3	0 57	3 30	12 32	0 48	8 22	0 50	23 58	0 11	19 22	0 47	14 9	1 35	12 55	15 59	11 18	10 53	27 30			n.a.
F 11	18 56	24 13	3 0	10 40	4 5	0 32	3 38	12 17	0 47	8 25	0 50	23 58	0 11	19 22	0 47	14 10	1 35	12 55	15 59	11 20	10 54	27 29			n.a.
S 12	18 41	20 32	2 2	10 53	4 4	0 7	3 47	12 2	0 47	8 28	0 50	23 58	0 11	19 23	0 47	14 10	1 35	12 56	16 0	11 21	10 55	27 28			n.a.
S 13	18 25	15 59	0 59	11 9	4 2	0s18	3 56	11 47	0 46	8 31	0 49	23 58	0 11	19 24	0 47	14 11	1 35	12 56	16 0	11 21	10 57	27 27			n.a.
M14	18 10	10 46	0s 7	11 29	3 58	0 43	4 4	11 32	0 45	8 34	0 49	23 58	0 11	19 24	0 47	14 11	1 35	12 57	16 0	11 21	10 58	27 26			n.a.
T 15	17 54	5 4	1 15	11 52	3 52	1 7	4 13	11 17	0 45	8 37	0 49	23 58	0 11	19 25	0 47	14 12	1 35	12 57	16 0	11 21	10 59	27 25			n.a.
W16	17 37	0s54	2 19	12 18	3 44	1 31	4 21	11 1	0 44	8 40	0 49	23 58	0 12	19 26	0 47	14 13	1 35	12 58	16 1	11 21	11 0	27 24			n.a.
T 17	17 21	6 56	3 19	12 47	3 34	1 54	4 30	10 46	0 44	8 43	0 48	23 58	0 12	19 26	0 47	14 13	1 35	12 58	16 1	11 20	11 1	27 23			n.a.
F 18	17 4	12 49	4 9	13 18	3 22	2 17	4 39	10 30	0 43	8 47	0 48	23 58	0 12	19 27	0 47	14 14	1 35	12 59	16 1	11 20	11 2	27 22			n.a.
S 19	16 46	18 15	4 47	13 50	3 8	2 40	4 48	10 14	0 43	8 50	0 48	23 58	0 12	19 28	0 47	14 14	1 35	12 59	16 1	11 20	11 3	27 21			n.a.
S 20	16 29	22 55	5 10	14 24	2 52	3 2	4 57	9 59	0 42	8 53	0 48	23 58	0 12	19 28	0 47	14 15	1 35	13 0	16 2	11 19	11 5	27 19			n.a.
M21	16 11	26 24	5 16	14 58	2 35	3 23	5 5	9 43	0 42	8 57	0 48	23 58	0 12	19 29	0 47	14 16	1 35	13 0	16 2	11 20	11 6	27 18			n.a.
T 22	15 53	28 18	5 2	15 31	2 17	3 44	5 14	9 27	0 41	9 0	0 47	23 58	0 12	19 29	0 47	14 16	1 35	13 1	16 2	11 20	11 7	27 17			n.a.
W23	15 34	28 17	4 29	16 3	1 58	4 5	5 23	9 11	0 40	9 4	0 47	23 58	0 12	19 30	0 46	14 17	1 36	13 1	16 2	11 21	11 8	27 16			n.a.
T 24	15 16	26 13	3 37	16 34	1 38	4 24	5 32	8 55	0 40	9 7	0 47	23 58	0 12	19 31	0 46	14 17	1 36	13 2	16 3	11 21	11 9	27 15			n.a.
F 25	14 57	22 20	2 30	17 3	1 19	4 44	5 41	8 38	0 39	9 11	0 47	23 58	0 12	19 31	0 46	14 18	1 36	13 2	16 3	11 22	11 10	27 14			n.a.
S 26	14 38	16 59	1 13	17 29	0 59	5 2	5 49	8 22	0 39	9 14	0 46	23 58	0 12	19 32	0 46	14 19	1 36	13 3	16 3	11 22	11 12	27 12			n.a.
S 27	14 18	10 43	0n 8	17 51	0 40	5 20	5 58	8 6	0 38	9 18	0 46	23 58	0 12	19 32	0 46	14 19	1 36	13 3	16 3	11 22	11 13	27 11			n.a.
M28	13 59	4 1	1 27	18 11	0 21	5 37	6 7	7 49	0 38	9 21	0 46	23 58	0 12	19 33	0 46	14 20	1 36	13 4	16 3	11 22	11 14	27 10			n.a.
T 29	13 39	2n43	2 39	18 26	0 3	5 53	6 15	7 33	0 37	9 25	0 46	23 58	0 13	19 34	0 46	14 20	1 36	13 4	16 4	11 22	11 15	27 9			n.a.
W30	13 19	9 6	3 39	18 38	0n14	6 8	6 23	7 16	0 36	9 29	0 46	23 58	0 13	19 34	0 46	14 21	1 36	13 5	16 4	11 21	11 16	27 8			n.a.
T 31	12n58	14n54	4n26	18n46	0n29	6s23	6s32	6n59	0n36	9s33	0n45	23s58	0s13	19s35	0s46	14s21	1s36	13s 5	16s 4	11s21	11s17	27n 6			n.a.

Julian Day Number = 1319129.5, Delta T = 07h34m32s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'47, Lahiri = -19°09'46 Julian Calendar 1 Aug. 1102 BCE == Greg. Calendar 21 July 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

SEPTEMBER 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 57 4	27♌14'05	10♉23	9♌34	1♎16	14♍34	26♎17	25°R46	6°R56	26°R32	3°R56	0♓51	0♓58	12♋23	n.a.	F 1
S 2	22 1 0	28°13'31	22°52	10°19	1°29	15°16	26°27	25♐45	6♒54	26♒30	3♈55	0°51	0°55	12°30	n.a.	S 2
S 3	22 4 57	29°13'01	5♊ 4	11°12	1°40	15°57	26°37	25°44	6°52	26°29	3°55	0°R51	0°52	12°37	n.a.	S 3
M 4	22 8 53	0♍12'32	17° 4	12°12	1°49	16°39	26°48	25°44	6°50	26°27	3°54	0°51	0°49	12°43	n.a.	M 4
T 5	22 12 50	1°12'06	28°57	13°19	1°56	17°21	26°58	25°43	6°48	26°25	3°53	0°D51	0°45	12°50	n.a.	T 5
W 6	22 16 47	2°11'43	10♋47	14°32	2° 1	18° 2	27° 8	25°42	6°46	26°24	3°52	0°51	0°42	12°57	n.a.	W 6
T 7	22 20 43	3°11'21	22°38	15°50	2°R 3	18°44	27°19	25°42	6°43	26°22	3°51	0°51	0°39	13° 3	n.a.	T 7
F 8	22 24 40	4°11'02	4♌34	17°13	2° 3	19°26	27°29	25°42	6°41	26°20	3°50	0°51	0°36	13°10	n.a.	F 8
S 9	22 28 36	5°10'46	16°37	18°39	2° 1	20° 8	27°40	25°41	6°39	26°19	3°49	0°52	0°33	13°17	n.a.	S 9
S 10	22 32 33	6°10'31	28°50	20° 9	1°56	20°50	27°50	25°41	6°37	26°17	3°48	0°R52	0°29	13°23	n.a.	S 10
M11	22 36 29	7°10'19	11♍14	21°41	1°49	21°32	28° 1	25°D41	6°35	26°15	3°47	0°52	0°26	13°30	n.a.	M11
T 12	22 40 26	8°10'09	23°51	23°16	1°39	22°14	28°12	25°41	6°33	26°14	3°46	0°51	0°23	13°37	n.a.	T 12
W13	22 44 22	9°10'00	6♎41	24°52	1°27	22°56	28°23	25°42	6°31	26°12	3°45	0°50	0°20	13°43	n.a.	W13
T 14	22 48 19	10° 9'54	19°44	26°30	1°13	23°38	28°34	25°42	6°30	26°10	3°44	0°49	0°17	13°50	n.a.	T 14
F 15	22 52 15	11° 9'50	3♏ 1	28° 9	0°56	24°20	28°45	25°42	6°28	26° 9	3°43	0°48	0°14	13°57	n.a.	F 15
S 16	22 56 12	12° 9'47	16°32	29°49	0°37	25° 3	28°57	25°43	6°26	26° 7	3°42	0°47	0°10	14° 3	n.a.	S 16
S 17	23 0 9	13° 9'47	0♐16	1♍29	0°16	25°45	29° 8	25°43	6°24	26° 6	3°41	0°46	0° 7	14°10	n.a.	S 17
M18	23 4 5	14° 9'48	14°13	3°10	29♍52	26°28	29°20	25°44	6°22	26° 4	3°40	0°D45	0° 4	14°17	n.a.	M18
T 19	23 8 2	15° 9'51	28°22	4°51	29°27	27°10	29°31	25°45	6°21	26° 2	3°39	0°46	0° 1	14°24	n.a.	T 19
W20	23 11 58	16° 9'55	12♑41	6°32	28°59	27°52	29°43	25°46	6°19	26° 1	3°38	0°47	29♒58	14°30	n.a.	W20
T 21	23 15 55	17°10'02	27° 8	8°13	28°30	28°35	29°54	25°47	6°17	25°59	3°36	0°48	29°55	14°37	n.a.	T 21
F 22	23 19 51	18°10'10	11♒38	9°54	27°59	29°18	0♏ 6	25°48	6°16	25°58	3°35	0°49	29°51	14°44	n.a.	F 22
S 23	23 23 48	19°10'20	26° 8	11°35	27°27	0♎ 0	0°18	25°49	6°14	25°56	3°34	0°R50	29°48	14°50	n.a.	S 23
S 24	23 27 44	20°10'31	10♓31	13°16	26°53	0°43	0°30	25°50	6°13	25°55	3°33	0°49	29°45	14°57	n.a.	S 24
M25	23 31 41	21°10'45	24°42	14°56	26°18	1°26	0°42	25°52	6°11	25°53	3°32	0°48	29°42	15° 4	n.a.	M25
T 26	23 35 38	22°11'00	8♈37	16°36	25°43	2° 9	0°54	25°53	6°10	25°52	3°31	0°46	29°39	15°10	n.a.	T 26
W27	23 39 34	23°11'17	22°12	18°15	25° 6	2°52	1° 6	25°55	6° 8	25°50	3°30	0°43	29°35	15°17	n.a.	W27
T 28	23 43 31	24°11'37	5♉25	19°54	24°30	3°34	1°18	25°57	6° 7	25°49	3°29	0°39	29°32	15°24	n.a.	T 28
F 29	23 47 27	25°11'58	18°17	21°33	23°54	4°17	1°30	25°59	6° 5	25°48	3°28	0°35	29°29	15°30	n.a.	F 29
S 30	23 51 24	26♍12'22	0♊49	23♍12	23♍17	5♎ 1	1♏43	26♐ 0	6♒ 4	25♒46	3♈27	0♓32	29♒26	15♋37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n38	19n52	4n57	18n50	0n43	6s36	6s40	6n43	0n35	9s36	0n45	23s58	0s13	19s35	0s46	14s22	1s36	13s 6	16s 4	11s21	11s18	27n 5		n.a.
S 2	12 17	23 51	5 14	18 51	0 56	6 49	6 48	6 26	0 35	9 40	0 45	23 58	0 13	19 36	0 46	14 23	1 36	13 6	16 4	11 21	11 20	27 4		n.a.
S 3	11 56	26 40	5 16	18 47	1 8	7 0	6 55	6 9	0 34	9 44	0 45	23 58	0 13	19 36	0 46	14 23	1 36	13 7	16 4	11 21	11 21	27 3		n.a.
M 4	11 35	28 14	5 5	18 40	1 18	7 11	7 3	5 52	0 33	9 48	0 45	23 58	0 13	19 37	0 46	14 24	1 36	13 7	16 5	11 21	11 22	27 1		n.a.
T 5	11 13	28 30	4 40	18 29	1 27	7 20	7 10	5 35	0 33	9 52	0 44	23 58	0 13	19 37	0 46	14 24	1 36	13 8	16 5	11 21	11 23	27 0		n.a.
W 6	10 52	27 26	4 4	18 15	1 35	7 29	7 17	5 18	0 32	9 56	0 44	23 59	0 13	19 38	0 46	14 25	1 36	13 8	16 5	11 21	11 24	26 59		n.a.
T 7	10 30	25 7	3 17	17 58	1 42	7 36	7 24	5 1	0 32	10 0	0 44	23 59	0 13	19 38	0 46	14 26	1 36	13 9	16 5	11 21	11 25	26 58		n.a.
F 8	10 8	21 42	2 21	17 38	1 47	7 41	7 30	4 43	0 31	10 4	0 44	23 59	0 13	19 39	0 46	14 26	1 36	13 9	16 5	11 21	11 26	26 56		n.a.
S 9	9 46	17 21	1 18	17 15	1 51	7 46	7 36	4 26	0 30	10 8	0 44	23 59	0 13	19 39	0 46	14 27	1 36	13 10	16 5	11 21	11 28	26 55		n.a.
S 10	9 24	12 15	0 11	16 49	1 55	7 49	7 42	4 9	0 30	10 12	0 43	23 59	0 13	19 40	0 46	14 27	1 36	13 10	16 6	11 21	11 29	26 54		n.a.
M11	9 1	6 35	0s57	16 21	1 57	7 51	7 47	3 51	0 29	10 16	0 43	23 59	0 13	19 40	0 46	14 28	1 36	13 11	16 6	11 21	11 30	26 52		n.a.
T 12	8 38	0 35	2 4	15 51	1 59	7 51	7 51	3 34	0 29	10 20	0 43	23 59	0 13	19 41	0 46	14 28	1 36	13 11	16 6	11 21	11 31	26 51		n.a.
W13	8 16	5s32	3 6	15 19	1 59	7 50	7 55	3 17	0 28	10 24	0 43	23 59	0 14	19 41	0 46	14 29	1 36	13 12	16 6	11 21	11 32	26 50		n.a.
T 14	7 53	11 31	3 59	14 45	1 59	7 47	7 59	2 59	0 27	10 29	0 43	23 59	0 14	19 42	0 46	14 30	1 36	13 12	16 6	11 22	11 33	26 49		n.a.
F 15	7 30	17 5	4 40	14 9	1 58	7 43	8 2	2 42	0 27	10 33	0 43	23 59	0 14	19 42	0 46	14 30	1 36	13 13	16 6	11 22	11 34	26 47		n.a.
S 16	7 6	21 56	5 7	13 32	1 57	7 37	8 4	2 24	0 26	10 37	0 42	23 59	0 14	19 43	0 46	14 31	1 36	13 13	16 6	11 23	11 36	26 46		n.a.
S 17	6 43	25 41	5 16	12 54	1 55	7 30	8 5	2 6	0 26	10 41	0 42	23 59	0 14	19 43	0 46	14 31	1 36	13 14	16 6	11 23	11 37	26 45		n.a.
M18	6 20	27 58	5 8	12 15	1 52	7 21	8 6	1 49	0 25	10 46	0 42	23 59	0 14	19 44	0 46	14 32	1 36	13 14	16 6	11 23	11 38	26 43		n.a.
T 19	5 56	28 30	4 41	11 34	1 49	7 11	8 6	1 31	0 24	10 50	0 42	23 59	0 14	19 44	0 46	14 32	1 36	13 15	16 7	11 23	11 39	26 42		n.a.
W20	5 33	27 7	3 56	10 53	1 46	6 59	8 5	1 13	0 24	10 54	0 42	24 0	0 14	19 44	0 46	14 33	1 36	13 15	16 7	11 23	11 40	26 40		n.a.
T 21	5 9	23 56	2 56	10 11	1 42	6 45	8 3	0 55	0 23	10 58	0 41	24 0	0 14	19 45	0 46	14 33	1 36	13 16	16 7	11 22	11 41	26 39		n.a.
F 22	4 45	19 14	1 44	9 29	1 38	6 30	8 0	0 38	0 23	11 3	0 41	24 0	0 14	19 45	0 46	14 34	1 36	13 16	16 7	11 22	11 42	26 38		n.a.
S 23	4 21	13 25	0 26	8 46	1 33	6 14	7 57	0 20	0 22	11 7	0 41	24 0	0 14	19 46	0 46	14 34	1 36	13 17	16 7	11 21	11 43	26 36		n.a.
S 24	3 57	6 56	0n53	8 2	1 28	5 57	7 52	0 2	0 21	11 12	0 41	24 0	0 14	19 46	0 46	14 35	1 36	13 17	16 7	11 22	11 45	26 35		n.a.
M25	3 33	0 11	2 8	7 18	1 23	5 38	7 47	0s16	0 21	11 16	0 41	24 0	0 14	19 46	0 46	14 35	1 35	13 18	16 7	11 22	11 46	26 33		n.a.
T 26	3 9	6n25	3 13	6 34	1 18	5 18	7 41	0 34	0 20	11 20	0 41	24 0	0 14	19 47	0 46	14 36	1 35	13 18	16 7	11 23	11 47	26 32		n.a.
W27	2 45	12 35	4 6	5 50	1 12	4 57	7 34	0 52	0 19	11 25	0 40	24 0	0 14	19 47	0 46	14 36	1 35	13 19	16 7	11 24	11 48	26 31		n.a.
T 28	2 21	18 0	4 44	5 5	1 7	4 35	7 26	1 9	0 19	11 29	0 40	24 0	0 14	19 47	0 46	14 37	1 35	13 19	16 7	11 25	11 49	26 29		n.a.
F 29	1 56	22 27	5 7	4 20	1 1	4 12	7 17	1 27	0 18	11 34	0 40	24 0	0 15	19 48	0 46	14 37	1 35	13 20	16 7	11 27	11 50	26 28		n.a.
S 30	1n32	25n46	5n14	3n35	0n55	3s49	7s 7	1s45	0n18	11s38	0n40	24s 1	0s15	19s48	0s46	14s38	1s35	13s20	16s 7	11s28	11s51	26n26		n.a.

Julian Day Number = 1319160.5, Delta T = 07h34m30s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'42, Lahiri = -19°09'42 Julian Calendar 1 Sept. 1102 BCE == Greg. Calendar 21 Aug. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

OCTOBER 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 20	27♍12'48	13♊ 3	24♍50	22°R41	5♎44	1♏55	26♐ 3	6°R 3	25°R45	3°R25	0°R30	29♒23	15♋44	n.a.	S 1
M 2	23 59 17	28°13'16	25° 5	26°27	22♍ 6	6°27	2° 7	26° 5	6♒ 2	25♒43	3♈24	0°D29	29°20	15°50	n.a.	M 2
T 3	0 3 13	29°13'46	6♋58	28° 5	21°32	7°10	2°20	26° 7	6° 1	25°42	3°23	0♓29	29°16	15°57	n.a.	T 3
W 4	0 7 10	0♎14'17	18°48	29°42	20°59	7°53	2°32	26° 9	5°59	25°41	3°22	0°31	29°13	16° 4	n.a.	W 4
T 5	0 11 7	1°14'51	0♌39	1♎18	20°27	8°37	2°45	26°12	5°58	25°39	3°21	0°32	29°10	16°10	n.a.	T 5
F 6	0 15 3	2°15'27	12°37	2°54	19°57	9°20	2°58	26°14	5°57	25°38	3°20	0°34	29° 7	16°17	n.a.	F 6
S 7	0 19 0	3°16'05	24°46	4°30	19°28	10° 3	3°10	26°17	5°56	25°37	3°19	0°R35	29° 4	16°24	n.a.	S 7
S 8	0 22 56	4°16'44	7♍ 8	6° 6	19° 2	10°47	3°23	26°19	5°55	25°36	3°17	0°35	29° 1	16°31	n.a.	S 8
M 9	0 26 53	5°17'25	19°47	7°41	18°37	11°31	3°36	26°22	5°54	25°35	3°16	0°34	28°57	16°37	n.a.	M 9
T 10	0 30 49	6°18'08	2♎44	9°16	18°15	12°14	3°49	26°25	5°54	25°33	3°15	0°30	28°54	16°44	n.a.	T 10
W11	0 34 46	7°18'52	15°57	10°51	17°55	12°58	4° 2	26°28	5°53	25°32	3°14	0°25	28°51	16°51	n.a.	W11
T 12	0 38 42	8°19'38	29°27	12°25	17°37	13°42	4°15	26°31	5°52	25°31	3°13	0°19	28°48	16°57	n.a.	T 12
F 13	0 42 39	9°20'26	13♏10	14° 0	17°21	14°25	4°28	26°34	5°51	25°30	3°12	0°12	28°45	17° 4	n.a.	F 13
S 14	0 46 35	10°21'15	27° 4	15°34	17° 8	15° 9	4°41	26°38	5°51	25°29	3°11	0° 6	28°41	17°11	n.a.	S 14
S 15	0 50 32	11°22'05	11♐ 5	17° 7	16°57	15°53	4°54	26°41	5°50	25°28	3°10	0° 1	28°38	17°17	n.a.	S 15
M16	0 54 29	12°22'56	25°10	18°41	16°49	16°37	5° 7	26°44	5°50	25°27	3° 8	29♒57	28°35	17°24	n.a.	M16
T 17	0 58 25	13°23'48	9♑18	20°15	16°43	17°21	5°20	26°48	5°49	25°26	3° 7	29°D56	28°32	17°31	n.a.	T 17
W18	1 2 22	14°24'42	23°26	21°48	16°40	18° 5	5°34	26°51	5°49	25°25	3° 6	29°56	28°29	17°37	n.a.	W18
T 19	1 6 18	15°25'36	7♒33	23°21	16°D39	18°49	5°47	26°55	5°48	25°24	3° 5	29°57	28°26	17°44	n.a.	T 19
F 20	1 10 15	16°26'31	21°38	24°54	16°40	19°33	6° 0	26°59	5°48	25°23	3° 4	29°59	28°22	17°51	n.a.	F 20
S 21	1 14 11	17°27'28	5♓39	26°27	16°44	20°17	6°14	27° 3	5°48	25°22	3° 3	29°R59	28°19	17°57	n.a.	S 21
S 22	1 18 8	18°28'25	19°33	27°59	16°51	21° 1	6°27	27° 7	5°47	25°21	3° 2	29°57	28°16	18° 4	n.a.	S 22
M23	1 22 5	19°29'23	3♈20	29°32	16°59	21°46	6°40	27°11	5°47	25°20	3° 1	29°53	28°13	18°11	n.a.	M23
T 24	1 26 1	20°30'23	16°55	1♏ 4	17°10	22°30	6°54	27°15	5°47	25°19	3° 0	29°46	28°10	18°17	n.a.	T 24
W25	1 29 58	21°31'23	0♉15	2°37	17°23	23°14	7° 7	27°19	5°47	25°19	2°59	29°38	28° 6	18°24	n.a.	W25
T 26	1 33 54	22°32'25	13°20	4° 9	17°38	23°59	7°21	27°23	5°D47	25°18	2°57	29°28	28° 3	18°31	n.a.	T 26
F 27	1 37 51	23°33'28	26° 6	5°41	17°56	24°43	7°34	27°28	5°47	25°17	2°56	29°18	28° 0	18°37	n.a.	F 27
S 28	1 41 47	24°34'32	8♊36	7°13	18°15	25°28	7°48	27°32	5°47	25°17	2°55	29° 8	27°57	18°44	n.a.	S 28
S 29	1 45 44	25°35'37	20°50	8°44	18°36	26°12	8° 1	27°37	5°47	25°16	2°54	29° 1	27°54	18°51	n.a.	S 29
M30	1 49 40	26°36'44	2♋52	10°16	19° 0	26°57	8°15	27°41	5°47	25°15	2°53	28°55	27°51	18°57	n.a.	M30
T 31	1 53 37	27♎37'52	14♋45	11♏47	19♍25	27♎42	8♏29	27♐46	5♒47	25♒15	2♈52	28♒52	27♒47	19♋ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1n 8	27n48	5n 7	2n50	0n49	3s25	6s57	2s 3	0n17	11s43	0n40	24s 1	0s15	19s48	0s46	14s38	1s35	13s21	16s 7	11s28	11s53	26n25			n.a.
M 2	0 43	28 30	4 46	2 5	0 43	3 1	6 46	2 21	0 16	11 47	0 40	24 1	0 15	19 48	0 46	14 39	1 35	13 21	16 7	11 29	11 54	26 23			n.a.
T 3	0 19	27 51	4 13	1 20	0 36	2 36	6 34	2 39	0 16	11 52	0 40	24 1	0 15	19 49	0 46	14 39	1 35	13 22	16 7	11 29	11 55	26 22			n.a.
W 4	0s 6	25 56	3 29	0 35	0 30	2 12	6 22	2 57	0 15	11 56	0 39	24 1	0 15	19 49	0 46	14 39	1 35	13 22	16 7	11 28	11 56	26 21			n.a.
T 5	0 30	22 53	2 37	0s10	0 23	1 47	6 9	3 15	0 14	12 1	0 39	24 1	0 15	19 49	0 46	14 40	1 35	13 22	16 7	11 28	11 57	26 19			n.a.
F 6	0 55	18 50	1 37	0 55	0 17	1 23	5 55	3 33	0 14	12 5	0 39	24 1	0 15	19 49	0 46	14 40	1 35	13 23	16 7	11 27	11 58	26 18			n.a.
S 7	1 19	13 59	0 32	1 39	0 10	0 59	5 41	3 51	0 13	12 10	0 39	24 1	0 15	19 50	0 46	14 41	1 35	13 23	16 7	11 27	11 59	26 16			n.a.
S 8	1 44	8 29	0s36	2 24	0 4	0 36	5 27	4 9	0 12	12 14	0 39	24 2	0 15	19 50	0 46	14 41	1 35	13 24	16 7	11 27	12 0	26 15			n.a.
M 9	2 8	2 32	1 43	3 8	0s 3	0 13	5 13	4 27	0 12	12 19	0 39	24 2	0 15	19 50	0 46	14 42	1 35	13 24	16 7	11 27	12 2	26 13			n.a.
T 10	2 33	3s38	2 46	3 52	0 9	0n10	4 58	4 44	0 11	12 23	0 39	24 2	0 15	19 50	0 46	14 42	1 35	13 25	16 7	11 28	12 3	26 12			n.a.
W11	2 57	9 47	3 42	4 36	0 16	0 31	4 43	5 2	0 11	12 28	0 38	24 2	0 15	19 50	0 45	14 42	1 35	13 25	16 7	11 30	12 4	26 10			n.a.
T 12	3 21	15 36	4 26	5 19	0 22	0 52	4 28	5 20	0 10	12 33	0 38	24 2	0 15	19 51	0 45	14 43	1 35	13 25	16 7	11 33	12 5	26 9			n.a.
F 13	3 46	20 44	4 56	6 3	0 28	1 12	4 13	5 38	0 9	12 37	0 38	24 2	0 15	19 51	0 45	14 43	1 35	13 26	16 7	11 35	12 6	26 7			n.a.
S 14	4 10	24 49	5 9	6 45	0 35	1 31	3 58	5 56	0 9	12 42	0 38	24 2	0 15	19 51	0 45	14 43	1 35	13 26	16 7	11 37	12 7	26 5			n.a.
S 15	4 34	27 29	5 4	7 28	0 41	1 49	3 43	6 14	0 8	12 46	0 38	24 3	0 15	19 51	0 45	14 44	1 35	13 27	16 7	11 39	12 8	26 4			n.a.
M16	4 58	28 24	4 40	8 10	0 47	2 6	3 28	6 31	0 7	12 51	0 38	24 3	0 16	19 51	0 45	14 44	1 35	13 27	16 7	11 40	12 9	26 2			n.a.
T 17	5 22	27 29	4 0	8 52	0 53	2 22	3 13	6 49	0 7	12 55	0 38	24 3	0 16	19 51	0 45	14 44	1 35	13 27	16 7	11 41	12 10	26 1			n.a.
W18	5 46	24 47	3 5	9 33	1 0	2 37	2 58	7 7	0 6	13 0	0 37	24 3	0 16	19 51	0 45	14 45	1 35	13 28	16 7	11 41	12 12	25 59			n.a.
T 19	6 10	20 35	1 58	10 13	1 5	2 51	2 44	7 24	0 5	13 5	0 37	24 3	0 16	19 51	0 45	14 45	1 35	13 28	16 6	11 40	12 13	25 58			n.a.
F 20	6 34	15 14	0 45	10 54	1 11	3 3	2 30	7 42	0 5	13 9	0 37	24 3	0 16	19 51	0 45	14 45	1 35	13 28	16 6	11 40	12 14	25 56			n.a.
S 21	6 58	9 7	0n31	11 33	1 17	3 14	2 16	7 59	0 4	13 14	0 37	24 3	0 16	19 51	0 45	14 45	1 35	13 29	16 6	11 40	12 15	25 54			n.a.
S 22	7 21	2 37	1 44	12 13	1 22	3 24	2 2	8 17	0 3	13 18	0 37	24 4	0 16	19 51	0 45	14 46	1 35	13 29	16 6	11 40	12 16	25 53			n.a.
M23	7 45	3n56	2 50	12 51	1 28	3 33	1 48	8 34	0 3	13 23	0 37	24 4	0 16	19 52	0 45	14 46	1 35	13 29	16 6	11 42	12 17	25 51			n.a.
T 24	8 8	10 12	3 45	13 29	1 33	3 41	1 35	8 52	0 2	13 28	0 37	24 4	0 16	19 52	0 45	14 46	1 35	13 30	16 6	11 44	12 18	25 50			n.a.
W25	8 31	15 54	4 27	14 6	1 38	3 48	1 22	9 9	0 1	13 32	0 37	24 4	0 16	19 52	0 45	14 46	1 35	13 30	16 6	11 47	12 19	25 48			n.a.
T 26	8 55	20 45	4 54	14 43	1 43	3 53	1 10	9 26	0 1	13 37	0 37	24 4	0 16	19 51	0 45	14 47	1 35	13 30	16 6	11 51	12 21	25 46			n.a.
F 27	9 18	24 31	5 5	15 19	1 47	3 58	0 58	9 44	0 0	13 41	0 36	24 4	0 16	19 51	0 45	14 47	1 35	13 31	16 6	11 54	12 22	25 45			n.a.
S 28	9 40	27 3	5 1	15 54	1 52	4 1	0 46	10 1	0s 1	13 46	0 36	24 5	0 16	19 51	0 45	14 47	1 35	13 31	16 5	11 58	12 23	25 43			n.a.
S 29	10 3	28 13	4 44	16 28	1 56	4 3	0 34	10 18	0 1	13 50	0 36	24 5	0 16	19 51	0 45	14 47	1 34	13 31	16 5	12 0	12 24	25 42			n.a.
M30	10 26	28 2	4 14	17 1	2 0	4 4	0 23	10 35	0 2	13 55	0 36	24 5	0 16	19 51	0 45	14 47	1 34	13 32	16 5	12 2	12 25	25 40			n.a.
T 31	10s48	26n32	3n33	17s34	2s 3	4n 4	0s12	10s52	0s 3	14s 0	0n36	24s 5	0s16	19s51	0s45	14s48	1s34	13s32	16s 5	12s 3	12s26	25n38			n.a.

Julian Day Number = 1319190.5, Delta T = 07h34m28s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'38, Lahiri = -19°09'38 Julian Calendar 1 Oct. 1102 BCE == Greg. Calendar 20 Sept. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

NOVEMBER 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 57 34	28♎39'00	26♋34	13♏18	19♍51	28♎26	8♏42	27♐51	5♒48	25°R14	2°R51	28°D51	27♒44	19♋11	n.a.	W 1
T 2	2 1 30	29°40'10	8♌24	14°48	20°20	29°11	8°56	27°56	5°48	25♒14	2♈50	28♒51	27°41	19°18	n.a.	T 2
F 3	2 5 27	0♏41'21	20°22	16°18	20°50	29°56	9°10	28° 1	5°48	25°13	2°49	28°52	27°38	19°24	n.a.	F 3
S 4	2 9 23	1°42'33	2♍31	17°47	21°22	0♏41	9°23	28° 6	5°49	25°13	2°48	28°R52	27°35	19°31	n.a.	S 4
S 5	2 13 20	2°43'46	14°58	19°16	21°55	1°26	9°37	28°11	5°49	25°12	2°47	28°51	27°32	19°38	n.a.	S 5
M 6	2 17 16	3°45'00	27°45	20°44	22°30	2°11	9°51	28°16	5°50	25°12	2°46	28°47	27°28	19°44	n.a.	M 6
T 7	2 21 13	4°46'14	10♎55	22°11	23° 6	2°56	10° 5	28°21	5°50	25°12	2°45	28°41	27°25	19°51	n.a.	T 7
W 8	2 25 9	5°47'30	24°28	23°37	23°44	3°41	10°18	28°26	5°51	25°11	2°44	28°32	27°22	19°58	n.a.	W 8
T 9	2 29 6	6°48'46	8♏23	25° 2	24°22	4°26	10°32	28°31	5°51	25°11	2°44	28°21	27°19	20° 4	n.a.	T 9
F 10	2 33 3	7°50'02	22°35	26°25	25° 2	5°11	10°46	28°37	5°52	25°11	2°43	28° 9	27°16	20°11	n.a.	F 10
S 11	2 36 59	8°51'19	6♐58	27°47	25°44	5°56	11° 0	28°42	5°53	25°10	2°42	27°58	27°12	20°18	n.a.	S 11
S 12	2 40 56	9°52'37	21°26	29° 6	26°26	6°42	11°13	28°48	5°54	25°10	2°41	27°48	27° 9	20°24	n.a.	S 12
M13	2 44 52	10°53'54	5♑53	0♐22	27°10	7°27	11°27	28°53	5°55	25°10	2°40	27°41	27° 6	20°31	n.a.	M13
T 14	2 48 49	11°55'12	20°13	1°36	27°54	8°12	11°41	28°59	5°56	25°10	2°39	27°37	27° 3	20°38	n.a.	T 14
W15	2 52 45	12°56'30	4♒25	2°46	28°40	8°57	11°55	29° 5	5°57	25°10	2°38	27°35	27° 0	20°44	n.a.	W15
T 16	2 56 42	13°57'47	18°26	3°53	29°26	9°43	12° 9	29°11	5°58	25°10	2°37	27°D35	26°57	20°51	n.a.	T 16
F 17	3 0 39	14°59'05	2♓17	4°54	0♎14	10°28	12°22	29°16	5°59	25°D10	2°37	27°R35	26°53	20°58	n.a.	F 17
S 18	3 4 35	16° 0'22	15°57	5°50	1° 2	11°14	12°36	29°22	6° 0	25°10	2°36	27°34	26°50	21° 4	n.a.	S 18
S 19	3 8 32	17° 1'40	29°27	6°40	1°51	11°59	12°50	29°28	6° 1	25°10	2°35	27°31	26°47	21°11	n.a.	S 19
M20	3 12 28	18° 2'57	12♈48	7°23	2°41	12°45	13° 4	29°34	6° 2	25°10	2°34	27°24	26°44	21°18	n.a.	M20
T 21	3 16 25	19° 4'14	25°58	7°58	3°32	13°30	13°17	29°40	6° 3	25°10	2°34	27°15	26°41	21°24	n.a.	T 21
W22	3 20 21	20° 5'31	8♉57	8°25	4°24	14°16	13°31	29°46	6° 5	25°10	2°33	27° 3	26°38	21°31	n.a.	W22
T 23	3 24 18	21° 6'48	21°44	8°41	5°16	15° 2	13°45	29°52	6° 6	25°11	2°32	26°49	26°34	21°38	n.a.	T 23
F 24	3 28 14	22° 8'05	4♊19	8°R47	6°10	15°48	13°59	29°59	6° 8	25°11	2°31	26°34	26°31	21°44	n.a.	F 24
S 25	3 32 11	23° 9'22	16°40	8°42	7° 3	16°33	14°12	0♑ 5	6° 9	25°11	2°31	26°21	26°28	21°51	n.a.	S 25
S 26	3 36 8	24°10'39	28°49	8°25	7°58	17°19	14°26	0°11	6°11	25°11	2°30	26° 9	26°25	21°58	n.a.	S 26
M27	3 40 4	25°11'56	10♋48	7°57	8°53	18° 5	14°40	0°18	6°12	25°12	2°29	26° 0	26°22	22° 4	n.a.	M27
T 28	3 44 1	26°13'13	22°39	7°16	9°49	18°51	14°54	0°24	6°14	25°12	2°29	25°54	26°18	22°11	n.a.	T 28
W29	3 47 57	27°14'30	4♌27	6°25	10°45	19°37	15° 7	0°30	6°15	25°12	2°28	25°50	26°15	22°18	n.a.	W29
T 30	3 51 54	28♏15'47	16♌15	5♐24	11♎42	20♏23	15♏21	0♑37	6♒17	25♒13	2♈28	25♒49	26♒12	22♋24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s10	23n52	2n44	18s 5	2s 6	4n 3	0s 2	11s 9	0s 3	14s 4	0n36	24s 5	0s16	19s51	0s45	14s48	1s34	13s32	16s 5	12s 4	12s27	25n37		n.a.
T 2	11 32	20 11	1 47	18 36	2 9	4 1	0n 9	11 25	0 4	14 9	0 36	24 5	0 16	19 51	0 45	14 48	1 34	13 32	16 5	12 4	12 28	25 35		n.a.
F 3	11 54	15 39	0 45	19 5	2 12	3 58	0 18	11 42	0 5	14 13	0 36	24 5	0 17	19 51	0 45	14 48	1 34	13 33	16 4	12 3	12 29	25 33		n.a.
S 4	12 16	10 27	0s19	19 33	2 14	3 54	0 28	11 59	0 5	14 18	0 36	24 5	0 17	19 51	0 45	14 48	1 34	13 33	16 4	12 3	12 31	25 32		n.a.
S 5	12 37	4 43	1 25	20 0	2 15	3 49	0 37	12 15	0 6	14 22	0 35	24 6	0 17	19 51	0 45	14 48	1 34	13 33	16 4	12 4	12 32	25 30		n.a.
M 6	12 58	1s20	2 27	20 25	2 17	3 44	0 46	12 32	0 7	14 27	0 35	24 6	0 17	19 50	0 45	14 48	1 34	13 33	16 4	12 5	12 33	25 28		n.a.
T 7	13 19	7 30	3 24	20 49	2 17	3 37	0 55	12 48	0 7	14 31	0 35	24 6	0 17	19 50	0 45	14 48	1 34	13 33	16 4	12 7	12 34	25 26		n.a.
W 8	13 40	13 30	4 11	21 12	2 17	3 29	1 3	13 4	0 8	14 36	0 35	24 6	0 17	19 50	0 45	14 48	1 34	13 34	16 3	12 11	12 35	25 25		n.a.
T 9	14 1	19 0	4 44	21 33	2 17	3 21	1 11	13 20	0 9	14 40	0 35	24 6	0 17	19 50	0 44	14 49	1 34	13 34	16 3	12 14	12 36	25 23		n.a.
F 10	14 21	23 33	5 0	21 52	2 16	3 12	1 19	13 36	0 9	14 45	0 35	24 6	0 17	19 50	0 44	14 49	1 34	13 34	16 3	12 19	12 37	25 21		n.a.
S 11	14 41	26 43	4 58	22 9	2 14	3 2	1 26	13 52	0 10	14 49	0 35	24 6	0 17	19 49	0 44	14 49	1 34	13 34	16 3	12 23	12 38	25 20		n.a.
S 12	15 1	28 9	4 37	22 25	2 11	2 51	1 33	14 8	0 11	14 53	0 35	24 6	0 17	19 49	0 44	14 49	1 34	13 34	16 3	12 26	12 39	25 18		n.a.
M13	15 20	27 39	3 58	22 39	2 8	2 40	1 40	14 24	0 11	14 58	0 35	24 7	0 17	19 49	0 44	14 49	1 34	13 34	16 2	12 28	12 41	25 16		n.a.
T 14	15 40	25 19	3 4	22 50	2 4	2 28	1 46	14 39	0 12	15 2	0 35	24 7	0 17	19 49	0 44	14 49	1 34	13 34	16 2	12 30	12 42	25 14		n.a.
W15	15 59	21 24	1 59	22 59	1 59	2 15	1 52	14 55	0 13	15 7	0 34	24 7	0 17	19 48	0 44	14 49	1 34	13 35	16 2	12 30	12 43	25 13		n.a.
T 16	16 17	16 19	0 48	23 6	1 52	2 2	1 58	15 10	0 13	15 11	0 34	24 7	0 17	19 48	0 44	14 49	1 34	13 35	16 2	12 30	12 44	25 11		n.a.
F 17	16 36	10 27	0n25	23 11	1 45	1 48	2 4	15 25	0 14	15 15	0 34	24 7	0 17	19 48	0 44	14 49	1 34	13 35	16 1	12 30	12 45	25 9		n.a.
S 18	16 54	4 10	1 36	23 13	1 37	1 33	2 9	15 40	0 14	15 20	0 34	24 7	0 17	19 47	0 44	14 49	1 34	13 35	16 1	12 31	12 46	25 7		n.a.
S 19	17 12	2n13	2 40	23 12	1 27	1 18	2 14	15 55	0 15	15 24	0 34	24 7	0 17	19 47	0 44	14 48	1 34	13 35	16 1	12 32	12 47	25 6		n.a.
M20	17 29	8 25	3 35	23 9	1 16	1 2	2 19	16 10	0 16	15 28	0 34	24 7	0 18	19 47	0 44	14 48	1 34	13 35	16 1	12 34	12 48	25 4		n.a.
T 21	17 46	14 10	4 17	23 3	1 4	0 46	2 24	16 25	0 16	15 33	0 34	24 7	0 18	19 46	0 44	14 48	1 33	13 35	16 0	12 37	12 49	25 2		n.a.
W22	18 3	19 12	4 45	22 54	0 51	0 29	2 28	16 39	0 17	15 37	0 34	24 7	0 18	19 46	0 44	14 48	1 33	13 35	16 0	12 42	12 50	25 0		n.a.
T 23	18 20	23 17	4 58	22 42	0 36	0 12	2 32	16 53	0 18	15 41	0 34	24 7	0 18	19 46	0 44	14 48	1 33	13 35	16 0	12 47	12 52	24 58		n.a.
F 24	18 36	26 12	4 57	22 27	0 20	0s 6	2 36	17 8	0 18	15 45	0 34	24 7	0 18	19 45	0 44	14 48	1 33	13 35	16 0	12 52	12 53	24 56		n.a.
S 25	18 52	27 49	4 41	22 9	0 3	0 24	2 40	17 22	0 19	15 50	0 34	24 8	0 18	19 45	0 44	14 48	1 33	13 35	15 59	12 56	12 54	24 55		n.a.
S 26	19 7	28 2	4 13	21 49	0n16	0 43	2 43	17 36	0 20	15 54	0 33	24 8	0 18	19 44	0 44	14 48	1 33	13 35	15 59	13 0	12 55	24 53		n.a.
M27	19 22	26 56	3 34	21 25	0 35	1 2	2 46	17 49	0 20	15 58	0 33	24 8	0 18	19 44	0 44	14 48	1 33	13 35	15 59	13 3	12 56	24 51		n.a.
T 28	19 37	24 37	2 46	20 59	0 55	1 22	2 49	18 3	0 21	16 2	0 33	24 8	0 18	19 44	0 44	14 47	1 33	13 35	15 58	13 6	12 57	24 49		n.a.
W29	19 52	21 15	1 51	20 31	1 15	1 41	2 52	18 16	0 22	16 6	0 33	24 8	0 18	19 43	0 44	14 47	1 33	13 35	15 58	13 7	12 58	24 47		n.a.
T 30	20s 6	17n 1	0n50	20s 0	1n34	2s 2	2n55	18s29	0s22	16s10	0n33	24s 8	0s18	19s43	0s44	14s47	1s33	13s35	15s58	13s 7	12s59	24n45		n.a.

Julian Day Number = 1319221.5, Delta T = 07h34m27s
Ecliptic obliquity = 23°49'42, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'34, Lahiri = -19°09'34 Julian Calendar 1 Nov. 1102 BCE == Greg. Calendar 21 Oct. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1102 BCE
geocentric

DECEMBER 1102 BCE (-1101) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 50	29♏17'04	28♌10	4°R15	12♎40	21♏ 9	15♏34	0♑43	6♒19	25♒13	2°R27	25°R49	26♒ 9	22♋31	n.a.	F 1
S 2	3 59 47	0♐18'20	10♍17	2♐59	13°38	21°55	15°48	0°50	6°21	25°14	2♈27	25♒49	26° 6	22°38	n.a.	S 2
S 3	4 3 44	1°19'37	22°42	1°41	14°36	22°41	16° 2	0°57	6°22	25°14	2°26	25°47	26° 3	22°44	n.a.	S 3
M 4	4 7 40	2°20'53	5♎29	0°21	15°36	23°27	16°15	1° 3	6°24	25°15	2°26	25°44	25°59	22°51	n.a.	M 4
T 5	4 11 37	3°22'09	18°42	29♏ 2	16°35	24°13	16°29	1°10	6°26	25°16	2°25	25°37	25°56	22°58	n.a.	T 5
W 6	4 15 33	4°23'25	2♏23	27°48	17°35	24°59	16°42	1°17	6°28	25°16	2°25	25°28	25°53	23° 4	n.a.	W 6
T 7	4 19 30	5°24'40	16°31	26°39	18°35	25°45	16°56	1°23	6°30	25°17	2°24	25°17	25°50	23°11	n.a.	T 7
F 8	4 23 26	6°25'55	1♐ 2	25°37	19°36	26°32	17° 9	1°30	6°32	25°18	2°24	25° 5	25°47	23°18	n.a.	F 8
S 9	4 27 23	7°27'10	15°49	24°45	20°38	27°18	17°23	1°37	6°34	25°18	2°23	24°53	25°44	23°24	n.a.	S 9
S 10	4 31 19	8°28'24	0♑44	24° 1	21°39	28° 4	17°36	1°44	6°36	25°19	2°23	24°43	25°40	23°31	n.a.	S 10
M11	4 35 16	9°29'36	15°37	23°27	22°41	28°50	17°49	1°51	6°39	25°20	2°23	24°35	25°37	23°38	n.a.	M11
T 12	4 39 13	10°30'48	0♒21	23° 2	23°43	29°37	18° 3	1°58	6°41	25°21	2°22	24°31	25°34	23°44	n.a.	T 12
W13	4 43 9	11°31'59	14°50	22°47	24°46	0♐23	18°16	2° 4	6°43	25°22	2°22	24°29	25°31	23°51	n.a.	W13
T 14	4 47 6	12°33'09	29° 1	22°D40	25°49	1°10	18°29	2°11	6°45	25°23	2°22	24°D28	25°28	23°58	n.a.	T 14
F 15	4 51 2	13°34'17	12♓53	22°42	26°52	1°56	18°42	2°18	6°48	25°24	2°21	24°R29	25°24	24° 4	n.a.	F 15
S 16	4 54 59	14°35'24	26°26	22°52	27°56	2°42	18°55	2°25	6°50	25°25	2°21	24°28	25°21	24°11	n.a.	S 16
S 17	4 58 55	15°36'30	9♈44	23° 9	29° 0	3°29	19° 8	2°32	6°52	25°26	2°21	24°26	25°18	24°18	n.a.	S 17
M18	5 2 52	16°37'35	22°47	23°32	0♏ 4	4°15	19°22	2°39	6°55	25°27	2°21	24°20	25°15	24°24	n.a.	M18
T 19	5 6 49	17°38'38	5♉37	24° 1	1° 9	5° 2	19°35	2°47	6°57	25°28	2°20	24°12	25°12	24°31	n.a.	T 19
W20	5 10 45	18°39'40	18°16	24°36	2°13	5°49	19°47	2°54	7° 0	25°29	2°20	24° 2	25° 9	24°38	n.a.	W20
T 21	5 14 42	19°40'41	0♊45	25°16	3°18	6°35	20° 0	3° 1	7° 2	25°30	2°20	23°50	25° 5	24°44	n.a.	T 21
F 22	5 18 38	20°41'41	13° 3	26° 1	4°24	7°22	20°13	3° 8	7° 5	25°31	2°20	23°38	25° 2	24°51	n.a.	F 22
S 23	5 22 35	21°42'39	25°13	26°49	5°29	8° 8	20°26	3°15	7° 8	25°32	2°20	23°26	24°59	24°58	n.a.	S 23
S 24	5 26 31	22°43'37	7♋14	27°41	6°35	8°55	20°39	3°22	7°10	25°34	2°20	23°15	24°56	25° 4	n.a.	S 24
M25	5 30 28	23°44'33	19° 8	28°37	7°41	9°42	20°52	3°29	7°13	25°35	2°20	23° 7	24°53	25°11	n.a.	M25
T 26	5 34 24	24°45'28	0♌57	29°35	8°47	10°28	21° 4	3°37	7°16	25°36	2°20	23° 2	24°50	25°18	n.a.	T 26
W27	5 38 21	25°46'22	12°44	0♐37	9°53	11°15	21°17	3°44	7°18	25°38	2°D20	22°59	24°46	25°24	n.a.	W27
T 28	5 42 18	26°47'15	24°32	1°41	11° 0	12° 2	21°29	3°51	7°21	25°39	2°20	22°D59	24°43	25°31	n.a.	T 28
F 29	5 46 14	27°48'06	6♍26	2°47	12° 7	12°49	21°42	3°58	7°24	25°40	2°20	22°59	24°40	25°38	n.a.	F 29
S 30	5 50 11	28°48'56	18°31	3°56	13°14	13°35	21°54	4° 5	7°27	25°42	2°20	23° 0	24°37	25°44	n.a.	S 30
S 31	5 54 7	29♐49'46	0♎52	5♐ 6	14♏21	14♐22	22♏ 7	4♑13	7♒30	25♒43	2♈20	23°R 1	24♒34	25♋51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s19	12n 6	0s13	19s29	1n53	2s22	2n57	18s42	0s23	16s15	0n33	24s 8	0s18	19s42	0s44	14s47	1s33	13s35	15s57	13s 7	13s 0	24n44		n.a.
S 2	20 33	6 40	1 16	18 57	2 11	2 43	2 59	18 55	0 24	16 19	0 33	24 8	0 18	19 42	0 44	14 47	1 33	13 35	15 57	13 7	13 1	24 42		n.a.
S 3	20 46	0 51	2 17	18 25	2 28	3 4	3 1	19 8	0 24	16 23	0 33	24 8	0 18	19 41	0 44	14 46	1 33	13 35	15 57	13 8	13 2	24 40		n.a.
M 4	20 58	5s10	3 13	17 54	2 43	3 26	3 3	19 20	0 25	16 27	0 33	24 8	0 18	19 41	0 44	14 46	1 33	13 35	15 57	13 9	13 4	24 38		n.a.
T 5	21 10	11 9	4 1	17 25	2 55	3 47	3 4	19 33	0 26	16 31	0 33	24 8	0 18	19 40	0 44	14 46	1 33	13 35	15 56	13 11	13 5	24 36		n.a.
W 6	21 22	16 49	4 37	16 59	3 5	4 9	3 6	19 45	0 26	16 35	0 33	24 8	0 19	19 40	0 44	14 46	1 33	13 35	15 56	13 14	13 6	24 34		n.a.
T 7	21 33	21 47	4 57	16 36	3 13	4 31	3 7	19 57	0 27	16 39	0 33	24 8	0 19	19 39	0 44	14 45	1 33	13 35	15 56	13 18	13 7	24 32		n.a.
F 8	21 44	25 34	4 59	16 17	3 18	4 54	3 8	20 8	0 28	16 43	0 33	24 8	0 19	19 39	0 44	14 45	1 33	13 34	15 55	13 22	13 8	24 30		n.a.
S 9	21 54	27 43	4 41	16 1	3 21	5 16	3 9	20 20	0 28	16 46	0 32	24 8	0 19	19 38	0 44	14 45	1 33	13 34	15 55	13 26	13 9	24 29		n.a.
S 10	22 4	27 54	4 4	15 49	3 22	5 39	3 10	20 31	0 29	16 50	0 32	24 8	0 19	19 37	0 43	14 44	1 33	13 34	15 55	13 30	13 10	24 27		n.a.
M11	22 14	26 3	3 10	15 42	3 21	6 2	3 10	20 42	0 30	16 54	0 32	24 8	0 19	19 37	0 43	14 44	1 33	13 34	15 54	13 32	13 11	24 25		n.a.
T 12	22 23	22 25	2 4	15 38	3 18	6 25	3 11	20 53	0 30	16 58	0 32	24 8	0 19	19 36	0 43	14 44	1 33	13 34	15 54	13 34	13 12	24 23		n.a.
W13	22 32	17 27	0 51	15 38	3 15	6 48	3 11	21 4	0 31	17 2	0 32	24 8	0 19	19 36	0 43	14 43	1 33	13 34	15 54	13 35	13 13	24 21		n.a.
T 14	22 40	11 38	0n24	15 41	3 9	7 11	3 11	21 14	0 31	17 6	0 32	24 8	0 19	19 35	0 43	14 43	1 32	13 34	15 53	13 35	13 14	24 19		n.a.
F 15	22 48	5 21	1 36	15 48	3 3	7 34	3 11	21 24	0 32	17 9	0 32	24 8	0 19	19 34	0 43	14 43	1 32	13 33	15 53	13 35	13 16	24 17		n.a.
S 16	22 55	1n 1	2 41	15 57	2 56	7 57	3 10	21 34	0 33	17 13	0 32	24 8	0 19	19 34	0 43	14 42	1 32	13 33	15 53	13 35	13 17	24 15		n.a.
S 17	23 2	7 13	3 36	16 8	2 49	8 20	3 10	21 44	0 33	17 17	0 32	24 7	0 19	19 33	0 43	14 42	1 32	13 33	15 52	13 36	13 18	24 13		n.a.
M18	23 9	12 59	4 18	16 22	2 41	8 44	3 9	21 54	0 34	17 20	0 32	24 7	0 19	19 33	0 43	14 41	1 32	13 33	15 52	13 37	13 19	24 11		n.a.
T 19	23 15	18 6	4 47	16 38	2 32	9 7	3 9	22 3	0 35	17 24	0 32	24 7	0 19	19 32	0 43	14 41	1 32	13 32	15 52	13 40	13 20	24 9		n.a.
W20	23 20	22 21	5 1	16 55	2 23	9 30	3 8	22 12	0 35	17 28	0 32	24 7	0 19	19 31	0 43	14 41	1 32	13 32	15 51	13 44	13 21	24 7		n.a.
T 21	23 25	25 32	5 0	17 14	2 14	9 53	3 7	22 21	0 36	17 31	0 32	24 7	0 20	19 30	0 43	14 40	1 32	13 32	15 51	13 48	13 22	24 5		n.a.
F 22	23 30	27 27	4 46	17 33	2 4	10 17	3 6	22 30	0 36	17 35	0 32	24 7	0 20	19 30	0 43	14 40	1 32	13 32	15 51	13 52	13 23	24 3		n.a.
S 23	23 34	28 2	4 18	17 54	1 55	10 40	3 5	22 38	0 37	17 38	0 32	24 7	0 20	19 29	0 43	14 39	1 32	13 31	15 50	13 56	13 24	24 1		n.a.
S 24	23 37	27 16	3 39	18 15	1 45	11 3	3 3	22 46	0 38	17 42	0 32	24 7	0 20	19 28	0 43	14 39	1 32	13 31	15 50	13 59	13 25	23 59		n.a.
M25	23 41	25 15	2 51	18 37	1 36	11 26	3 2	22 54	0 38	17 45	0 31	24 7	0 20	19 28	0 43	14 38	1 32	13 31	15 50	14 2	13 26	23 57		n.a.
T 26	23 43	22 9	1 55	18 59	1 26	11 49	3 0	23 1	0 39	17 49	0 31	24 7	0 20	19 27	0 43	14 38	1 32	13 31	15 49	14 4	13 27	23 55		n.a.
W27	23 46	18 8	0 55	19 22	1 17	12 12	2 59	23 9	0 40	17 52	0 31	24 6	0 20	19 26	0 43	14 37	1 32	13 30	15 49	14 5	13 29	23 53		n.a.
T 28	23 47	13 25	0s 8	19 44	1 7	12 34	2 57	23 16	0 40	17 55	0 31	24 6	0 20	19 26	0 43	14 37	1 32	13 30	15 49	14 5	13 30	23 51		n.a.
F 29	23 49	8 11	1 12	20 6	0 58	12 57	2 55	23 23	0 41	17 59	0 31	24 6	0 20	19 25	0 43	14 36	1 32	13 30	15 48	14 5	13 31	23 49		n.a.
S 30	23 49	2 35	2 13	20 29	0 49	13 19	2 53	23 29	0 41	18 2	0 31	24 6	0 20	19 24	0 43	14 36	1 32	13 29	15 48	14 4	13 32	23 47		n.a.
S 31	23s50	3s14	3s 9	20s51	0n40	13s41	2n51	23s35	0s42	18s 5	0n31	24s 6	0s20	19s23	0s43	14s35	1s32	13s29	15s47	14s 4	13s33	23n45		n.a.

Julian Day Number = 1319251.5, Delta T = 07h34m25s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'30, Lahiri = -19°09'30 Julian Calendar 1 Dec. 1102 BCE == Greg. Calendar 20 Nov. 1102 BCE

The year -1101 astronomical counting style corresponds to year 1102 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

JANUARY 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 58 4	0♉50'34	13♎35	6♐19	15♏28	15♐ 9	22♏19	4♉20	7♒32	25♒45	2♈20	23°R 0	24♒30	25♋58	n.a.	M 1
T 2	6 2 0	1°51'20	26°42	7°33	16°36	15°56	22°31	4°27	7°35	25°46	2°20	22♒57	24°27	26° 4	n.a.	T 2
W 3	6 5 57	2°52'06	10♏19	8°48	17°44	16°43	22°43	4°34	7°38	25°48	2°20	22°52	24°24	26°11	n.a.	W 3
T 4	6 9 53	3°52'50	24°25	10° 6	18°51	17°30	22°55	4°42	7°41	25°49	2°20	22°45	24°21	26°18	n.a.	T 4
F 5	6 13 50	4°53'33	8♐58	11°24	19°59	18°16	23° 7	4°49	7°44	25°51	2°20	22°37	24°18	26°24	n.a.	F 5
S 6	6 17 47	5°54'15	23°53	12°44	21° 8	19° 3	23°19	4°56	7°47	25°52	2°21	22°30	24°15	26°31	n.a.	S 6
S 7	6 21 43	6°54'55	9♉ 2	14° 5	22°16	19°50	23°31	5° 3	7°50	25°54	2°21	22°23	24°11	26°38	n.a.	S 7
M 8	6 25 40	7°55'34	24°14	15°28	23°24	20°37	23°43	5°11	7°53	25°56	2°21	22°18	24° 8	26°44	n.a.	M 8
T 9	6 29 36	8°56'10	9♒20	16°51	24°33	21°24	23°55	5°18	7°56	25°57	2°21	22°16	24° 5	26°51	n.a.	T 9
W10	6 33 33	9°56'45	24°10	18°16	25°41	22°11	24° 6	5°25	7°59	25°59	2°22	22°D15	24° 2	26°58	n.a.	W10
T 11	6 37 29	10°57'18	8♓39	19°42	26°50	22°58	24°18	5°32	8° 3	26° 1	2°22	22°16	23°59	27° 4	n.a.	T 11
F 12	6 41 26	11°57'48	22°44	21° 9	27°59	23°45	24°29	5°40	8° 6	26° 2	2°22	22°17	23°56	27°11	n.a.	F 12
S 13	6 45 23	12°58'17	6♈24	22°37	29° 8	24°32	24°41	5°47	8° 9	26° 4	2°23	22°18	23°52	27°18	n.a.	S 13
S 14	6 49 19	13°58'43	19°42	24° 6	0♐17	25°19	24°52	5°54	8°12	26° 6	2°23	22°R18	23°49	27°24	n.a.	S 14
M15	6 53 16	14°59'07	2♉40	25°36	1°26	26° 6	25° 3	6° 1	8°15	26° 8	2°23	22°17	23°46	27°31	n.a.	M15
T 16	6 57 12	15°59'29	15°21	27° 7	2°36	26°53	25°14	6° 9	8°18	26° 9	2°24	22°13	23°43	27°38	n.a.	T 16
W17	7 1 9	16°59'49	27°47	28°39	3°45	27°40	25°25	6°16	8°22	26°11	2°24	22° 9	23°40	27°44	n.a.	W17
T 18	7 5 5	18° 0'07	10♊ 2	0♉12	4°55	28°27	25°36	6°23	8°25	26°13	2°25	22° 3	23°36	27°51	n.a.	T 18
F 19	7 9 2	19° 0'23	22° 7	1°47	6° 4	29°14	25°47	6°30	8°28	26°15	2°25	21°56	23°33	27°58	n.a.	F 19
S 20	7 12 58	20° 0'37	4♋ 6	3°22	7°14	0♉ 1	25°58	6°37	8°31	26°17	2°26	21°50	23°30	28° 4	n.a.	S 20
S 21	7 16 55	21° 0'49	15°59	4°58	8°24	0°48	26° 8	6°44	8°35	26°19	2°26	21°45	23°27	28°11	n.a.	S 21
M22	7 20 52	22° 0'59	27°48	6°35	9°34	1°35	26°19	6°51	8°38	26°21	2°27	21°42	23°24	28°18	n.a.	M22
T 23	7 24 48	23° 1'07	9♌37	8°13	10°44	2°22	26°29	6°58	8°41	26°23	2°27	21°39	23°21	28°24	n.a.	T 23
W24	7 28 45	24° 1'13	21°25	9°52	11°54	3° 9	26°40	7° 6	8°45	26°25	2°28	21°D39	23°17	28°31	n.a.	W24
T 25	7 32 41	25° 1'17	3♍17	11°32	13° 4	3°56	26°50	7°13	8°48	26°27	2°29	21°39	23°14	28°38	n.a.	T 25
F 26	7 36 38	26° 1'19	15°16	13°14	14°14	4°43	27° 0	7°20	8°51	26°29	2°29	21°41	23°11	28°44	n.a.	F 26
S 27	7 40 34	27° 1'20	27°24	14°56	15°24	5°30	27°10	7°27	8°55	26°31	2°30	21°42	23° 8	28°51	n.a.	S 27
S 28	7 44 31	28° 1'18	9♎46	16°40	16°35	6°17	27°20	7°34	8°58	26°33	2°30	21°44	23° 5	28°58	n.a.	S 28
M29	7 48 27	29° 1'15	22°27	18°24	17°45	7° 4	27°30	7°41	9° 1	26°35	2°31	21°45	23° 2	29° 4	n.a.	M29
T 30	7 52 24	0♒ 1'10	5♏29	20°10	18°56	7°51	27°40	7°47	9° 5	26°37	2°32	21°R45	22°58	29°11	n.a.	T 30
W31	7 56 20	1♒ 1'03	18♏57	21♉57	20♐ 6	8♉38	27♏49	7♉54	9♒ 8	26♒39	2♈33	21♒44	22♒55	29♋18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s49	9s 5	3s58	21s12	0n31	14s 3	2n49	23s41	0s43	18s 9	0n31	24s 6	0s20	19s22	0s43	14s35	1s32	13s29	15s47	14s 4	13s34	23n43			n.a.
T 2	23 49	14 44	4 36	21 34	0 22	14 25	2 47	23 47	0 43	18 12	0 31	24 6	0 20	19 22	0 43	14 34	1 32	13 28	15 47	14 5	13 35	23 41			n.a.
W 3	23 48	19 53	5 0	21 55	0 13	14 46	2 44	23 53	0 44	18 15	0 31	24 5	0 20	19 21	0 43	14 34	1 32	13 28	15 46	14 7	13 36	23 39			n.a.
T 4	23 46	24 8	5 8	22 15	0 5	15 7	2 42	23 58	0 44	18 18	0 31	24 5	0 21	19 20	0 43	14 33	1 32	13 27	15 46	14 9	13 37	23 37			n.a.
F 5	23 44	27 1	4 55	22 34	0s 3	15 28	2 39	24 3	0 45	18 21	0 31	24 5	0 21	19 19	0 43	14 33	1 32	13 27	15 46	14 12	13 38	23 35			n.a.
S 6	23 42	28 4	4 23	22 53	0 12	15 49	2 37	24 7	0 45	18 24	0 31	24 5	0 21	19 19	0 43	14 32	1 32	13 27	15 45	14 14	13 39	23 33			n.a.
S 7	23 39	27 2	3 32	23 11	0 19	16 9	2 34	24 12	0 46	18 27	0 31	24 5	0 21	19 18	0 43	14 31	1 32	13 26	15 45	14 17	13 40	23 31			n.a.
M 8	23 35	24 0	2 26	23 28	0 27	16 29	2 31	24 16	0 47	18 31	0 31	24 4	0 21	19 17	0 43	14 31	1 32	13 26	15 45	14 18	13 41	23 29			n.a.
T 9	23 31	19 20	1 10	23 44	0 35	16 49	2 28	24 20	0 47	18 34	0 31	24 4	0 21	19 16	0 43	14 30	1 31	13 25	15 44	14 19	13 43	23 26			n.a.
W10	23 27	13 31	0n10	24 0	0 42	17 8	2 26	24 23	0 48	18 36	0 31	24 4	0 21	19 15	0 43	14 30	1 31	13 25	15 44	14 19	13 44	23 24			n.a.
T 11	23 22	7 6	1 28	24 14	0 49	17 27	2 23	24 26	0 48	18 39	0 31	24 4	0 21	19 14	0 43	14 29	1 31	13 25	15 44	14 19	13 45	23 22			n.a.
F 12	23 17	0 31	2 38	24 27	0 55	17 46	2 20	24 29	0 49	18 42	0 31	24 3	0 21	19 14	0 43	14 28	1 31	13 24	15 43	14 18	13 46	23 20			n.a.
S 13	23 11	5n54	3 37	24 39	1 2	18 4	2 17	24 32	0 49	18 45	0 31	24 3	0 21	19 13	0 43	14 28	1 31	13 24	15 43	14 18	13 47	23 18			n.a.
S 14	23 5	11 52	4 22	24 50	1 8	18 22	2 13	24 34	0 50	18 48	0 31	24 3	0 21	19 12	0 43	14 27	1 31	13 23	15 43	14 18	13 48	23 16			n.a.
M15	22 58	17 10	4 53	24 59	1 14	18 40	2 10	24 37	0 50	18 51	0 30	24 3	0 21	19 11	0 43	14 26	1 31	13 23	15 42	14 19	13 49	23 14			n.a.
T 16	22 51	21 37	5 9	25 7	1 19	18 57	2 7	24 38	0 51	18 53	0 30	24 2	0 22	19 10	0 43	14 26	1 31	13 22	15 42	14 20	13 50	23 12			n.a.
W17	22 44	25 0	5 10	25 14	1 25	19 13	2 4	24 40	0 51	18 56	0 30	24 2	0 22	19 9	0 43	14 25	1 31	13 22	15 42	14 21	13 51	23 9			n.a.
T 18	22 36	27 12	4 56	25 20	1 30	19 29	2 0	24 41	0 52	18 59	0 30	24 2	0 22	19 8	0 43	14 24	1 31	13 21	15 41	14 23	13 52	23 7			n.a.
F 19	22 27	28 4	4 29	25 23	1 35	19 45	1 57	24 42	0 53	19 2	0 30	24 2	0 22	19 8	0 43	14 24	1 31	13 21	15 41	14 25	13 53	23 5			n.a.
S 20	22 19	27 37	3 51	25 26	1 39	20 0	1 54	24 43	0 53	19 4	0 30	24 1	0 22	19 7	0 43	14 23	1 31	13 20	15 41	14 27	13 54	23 3			n.a.
S 21	22 9	25 53	3 3	25 27	1 43	20 15	1 50	24 43	0 54	19 7	0 30	24 1	0 22	19 6	0 43	14 22	1 31	13 20	15 40	14 29	13 55	23 1			n.a.
M22	22 0	23 1	2 7	25 26	1 47	20 29	1 47	24 43	0 54	19 9	0 30	24 1	0 22	19 5	0 43	14 22	1 31	13 19	15 40	14 30	13 56	22 59			n.a.
T 23	21 50	19 11	1 6	25 24	1 50	20 43	1 43	24 43	0 55	19 12	0 30	24 1	0 22	19 4	0 43	14 21	1 31	13 19	15 40	14 31	13 57	22 57			n.a.
W24	21 39	14 37	0 1	25 20	1 53	20 56	1 40	24 42	0 55	19 14	0 30	24 0	0 22	19 3	0 43	14 20	1 31	13 18	15 39	14 31	13 58	22 54			n.a.
T 25	21 28	9 28	1s 4	25 14	1 56	21 9	1 36	24 42	0 56	19 17	0 30	24 0	0 22	19 2	0 43	14 20	1 31	13 18	15 39	14 31	14 0	22 52			n.a.
F 26	21 17	3 58	2 6	25 7	1 58	21 21	1 33	24 41	0 56	19 19	0 30	24 0	0 22	19 1	0 43	14 19	1 31	13 17	15 39	14 30	14 1	22 50			n.a.
S 27	21 6	1s46	3 4	24 58	2 0	21 32	1 29	24 39	0 57	19 21	0 30	23 59	0 22	19 0	0 43	14 18	1 31	13 17	15 38	14 30	14 2	22 48			n.a.
S 28	20 54	7 31	3 55	24 47	2 1	21 43	1 25	24 38	0 57	19 24	0 30	23 59	0 23	18 59	0 43	14 17	1 31	13 16	15 38	14 29	14 3	22 46			n.a.
M29	20 41	13 7	4 35	24 34	2 2	21 54	1 22	24 36	0 58	19 26	0 30	23 59	0 23	18 59	0 43	14 17	1 31	13 15	15 38	14 29	14 4	22 43			n.a.
T 30	20 28	18 19	5 3	24 19	2 3	22 4	1 18	24 33	0 58	19 28	0 30	23 58	0 23	18 58	0 43	14 16	1 31	13 15	15 37	14 29	14 5	22 41			n.a.
W31	20s15	22s47	5s15	24s 2	2s 3	22s13	1n14	24s31	0s58	19s31	0n30	23s58	0s23	18s57	0s43	14s15	1s31	13s14	15s37	14s29	14s 6	22n39			n.a.

Julian Day Number = 1319282.5, Delta T = 07h34m24s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'26, Lahiri = -19°09'25 Julian Calendar 1 Jan. 1101 BCE == Greg. Calendar 21 Dec. 1102 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

FEBRUARY 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 17	2♒ 0'54	2♐52	23♑45	21♐17	9♑25	27♏59	8♑ 1	9♒12	26♒41	2♈33	21°R42	22♒52	29♋24	n.a.	T 1
F 2	8 4 14	3° 0'44	17°14	25°34	22°27	10°12	28° 8	8° 8	9°15	26°43	2°34	21♒40	22°49	29°31	n.a.	F 2
S 3	8 8 10	4° 0'32	2♑ 0	27°24	23°38	10°59	28°17	8°15	9°18	26°45	2°35	21°37	22°46	29°38	n.a.	S 3
S 4	8 12 7	5° 0'17	17° 3	29°15	24°49	11°46	28°26	8°22	9°22	26°47	2°36	21°35	22°42	29°44	n.a.	S 4
M 5	8 16 3	6° 0'01	2♒16	1♒ 8	26° 0	12°33	28°35	8°28	9°25	26°50	2°36	21°34	22°39	29°51	n.a.	M 5
T 6	8 20 0	6°59'43	17°28	3° 2	27°11	13°20	28°44	8°35	9°29	26°52	2°37	21°D33	22°36	29°58	n.a.	T 6
W 7	8 23 56	7°59'22	2♓30	4°56	28°22	14° 7	28°53	8°42	9°32	26°54	2°38	21°33	22°33	0♌ 4	n.a.	W 7
T 8	8 27 53	8°58'59	17°14	6°52	29°33	14°54	29° 2	8°48	9°36	26°56	2°39	21°34	22°30	0°11	n.a.	T 8
F 9	8 31 49	9°58'33	1♈34	8°49	0♑44	15°41	29°10	8°55	9°39	26°58	2°40	21°35	22°27	0°17	n.a.	F 9
S 10	8 35 46	10°58'05	15°28	10°47	1°55	16°27	29°19	9° 1	9°42	27° 0	2°41	21°36	22°23	0°24	n.a.	S 10
S 11	8 39 43	11°57'35	28°55	12°46	3° 6	17°14	29°27	9° 8	9°46	27° 3	2°42	21°37	22°20	0°31	n.a.	S 11
M12	8 43 39	12°57'02	11♉57	14°46	4°17	18° 1	29°35	9°14	9°49	27° 5	2°43	21°R37	22°17	0°37	n.a.	M12
T 13	8 47 36	13°56'27	24°37	16°46	5°28	18°48	29°43	9°21	9°53	27° 7	2°44	21°37	22°14	0°44	n.a.	T 13
W14	8 51 32	14°55'49	7♊ 0	18°47	6°39	19°35	29°51	9°27	9°56	27° 9	2°44	21°36	22°11	0°51	n.a.	W14
T 15	8 55 29	15°55'09	19° 8	20°49	7°50	20°22	29°59	9°34	9°59	27°11	2°45	21°36	22° 8	0°57	n.a.	T 15
F 16	8 59 25	16°54'26	1♋ 6	22°50	9° 2	21° 9	0♐ 6	9°40	10° 3	27°14	2°46	21°35	22° 4	1° 4	n.a.	F 16
S 17	9 3 22	17°53'41	12°58	24°52	10°13	21°55	0°14	9°46	10° 6	27°16	2°47	21°34	22° 1	1°11	n.a.	S 17
S 18	9 7 18	18°52'54	24°47	26°53	11°24	22°42	0°21	9°52	10°10	27°18	2°48	21°34	21°58	1°17	n.a.	S 18
M19	9 11 15	19°52'05	6♌35	28°54	12°36	23°29	0°28	9°58	10°13	27°20	2°49	21°34	21°55	1°24	n.a.	M19
T 20	9 15 12	20°51'13	18°25	0♓54	13°47	24°16	0°35	10° 5	10°16	27°23	2°51	21°34	21°52	1°31	n.a.	T 20
W21	9 19 8	21°50'19	0♍19	2°52	14°59	25° 2	0°42	10°11	10°20	27°25	2°52	21°34	21°48	1°37	n.a.	W21
T 22	9 23 5	22°49'22	12°19	4°49	16°10	25°49	0°49	10°17	10°23	27°27	2°53	21°34	21°45	1°44	n.a.	T 22
F 23	9 27 1	23°48'24	24°27	6°44	17°22	26°36	0°55	10°23	10°26	27°29	2°54	21°34	21°42	1°51	n.a.	F 23
S 24	9 30 58	24°47'23	6♎46	8°37	18°33	27°23	1° 2	10°28	10°30	27°32	2°55	21°33	21°39	1°57	n.a.	S 24
S 25	9 34 54	25°46'21	19°18	10°27	19°45	28° 9	1° 8	10°34	10°33	27°34	2°56	21°33	21°36	2° 4	n.a.	S 25
M26	9 38 51	26°45'17	2♏ 5	12°14	20°57	28°56	1°14	10°40	10°36	27°36	2°57	21°32	21°33	2°11	n.a.	M26
T 27	9 42 47	27°44'10	15° 9	13°57	22° 8	29°42	1°20	10°46	10°40	27°39	2°58	21°32	21°29	2°17	n.a.	T 27
W28	9 46 44	28°43'02	28°33	15°37	23°20	0♒29	1°26	10°52	10°43	27°41	2°59	21°D32	21°26	2°24	n.a.	W28
T 29	9 50 40	29♒41'53	12♐19	17♓12	24♑32	1♒16	1♐31	10♑57	10♒46	27♒43	3♈ 0	21♒32	21♒23	2♌31	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 2	26s 8	5s10	23s43	2s 3	22s22	1n11	24s28	0s59	19s33	0n30	23s58	0s23	18s56	0s43	14s15	1s31	13s14	15s37	14s30	14s 7	22n37		n.a.
F 2	19 48	27 56	4 45	23 22	2 2	22 30	1 7	24 25	0 59	19 35	0 30	23 57	0 23	18 55	0 43	14 14	1 31	13 13	15 36	14 31	14 8	22 35		n.a.
S 3	19 34	27 50	4 1	22 59	2 1	22 37	1 3	24 22	1 0	19 37	0 30	23 57	0 23	18 54	0 43	14 13	1 31	13 13	15 36	14 32	14 9	22 32		n.a.
S 4	19 19	25 41	3 0	22 34	1 59	22 44	1 0	24 18	1 0	19 39	0 30	23 57	0 23	18 53	0 43	14 12	1 31	13 12	15 36	14 32	14 10	22 30		n.a.
M 5	19 5	21 40	1 45	22 7	1 56	22 50	0 56	24 14	1 1	19 41	0 30	23 56	0 23	18 52	0 43	14 12	1 31	13 11	15 36	14 33	14 11	22 28		n.a.
T 6	18 49	16 12	0 23	21 38	1 54	22 55	0 52	24 10	1 1	19 43	0 30	23 56	0 23	18 51	0 43	14 11	1 31	13 11	15 35	14 33	14 12	22 26		n.a.
W 7	18 34	9 49	1n 0	21 7	1 50	23 0	0 49	24 5	1 2	19 45	0 30	23 56	0 23	18 50	0 43	14 10	1 31	13 10	15 35	14 33	14 13	22 23		n.a.
T 8	18 18	3 1	2 18	20 34	1 46	23 5	0 45	24 0	1 2	19 47	0 30	23 55	0 24	18 49	0 43	14 9	1 31	13 10	15 35	14 33	14 14	22 21		n.a.
F 9	18 2	3n45	3 24	19 59	1 42	23 8	0 41	23 55	1 2	19 49	0 30	23 55	0 24	18 48	0 43	14 8	1 31	13 9	15 34	14 32	14 15	22 19		n.a.
S 10	17 46	10 7	4 17	19 21	1 36	23 11	0 38	23 50	1 3	19 51	0 29	23 55	0 24	18 47	0 43	14 8	1 31	13 8	15 34	14 32	14 16	22 17		n.a.
S 11	17 29	15 49	4 53	18 42	1 31	23 13	0 34	23 44	1 3	19 53	0 29	23 54	0 24	18 47	0 43	14 7	1 31	13 8	15 34	14 32	14 17	22 14		n.a.
M12	17 12	20 37	5 13	18 1	1 24	23 15	0 31	23 39	1 4	19 55	0 29	23 54	0 24	18 46	0 43	14 6	1 31	13 7	15 34	14 32	14 19	22 12		n.a.
T 13	16 55	24 21	5 17	17 17	1 17	23 16	0 27	23 32	1 4	19 56	0 29	23 54	0 24	18 45	0 43	14 5	1 31	13 7	15 33	14 32	14 20	22 10		n.a.
W14	16 37	26 51	5 6	16 32	1 10	23 16	0 23	23 26	1 4	19 58	0 29	23 53	0 24	18 44	0 43	14 5	1 31	13 6	15 33	14 32	14 21	22 7		n.a.
T 15	16 19	28 3	4 42	15 46	1 2	23 16	0 20	23 19	1 5	20 0	0 29	23 53	0 24	18 43	0 43	14 4	1 31	13 5	15 33	14 32	14 22	22 5		n.a.
F 16	16 1	27 55	4 5	14 57	0 53	23 15	0 16	23 12	1 5	20 1	0 29	23 52	0 24	18 42	0 43	14 3	1 31	13 5	15 33	14 32	14 23	22 3		n.a.
S 17	15 43	26 28	3 18	14 8	0 44	23 13	0 13	23 5	1 5	20 3	0 29	23 52	0 24	18 41	0 43	14 2	1 31	13 4	15 32	14 33	14 24	22 1		n.a.
S 18	15 24	23 52	2 23	13 17	0 34	23 10	0 9	22 58	1 6	20 5	0 29	23 52	0 25	18 40	0 43	14 1	1 31	13 3	15 32	14 33	14 25	21 58		n.a.
M19	15 6	20 15	1 22	12 25	0 23	23 7	0 6	22 50	1 6	20 6	0 29	23 51	0 25	18 39	0 43	14 1	1 31	13 3	15 32	14 33	14 26	21 56		n.a.
T 20	14 47	15 50	0 18	11 32	0 13	23 3	0 3	22 42	1 7	20 8	0 29	23 51	0 25	18 38	0 43	14 0	1 31	13 2	15 32	14 33	14 27	21 54		n.a.
W21	14 27	10 47	0s48	10 38	0 1	22 59	0s 1	22 34	1 7	20 9	0 29	23 51	0 25	18 37	0 43	13 59	1 31	13 2	15 31	14 33	14 28	21 51		n.a.
T 22	14 8	5 19	1 53	9 44	0n10	22 54	0 4	22 26	1 7	20 11	0 29	23 50	0 25	18 36	0 43	13 58	1 31	13 1	15 31	14 33	14 29	21 49		n.a.
F 23	13 48	0s24	2 53	8 50	0 22	22 48	0 7	22 17	1 8	20 12	0 29	23 50	0 25	18 35	0 43	13 58	1 31	13 0	15 31	14 33	14 30	21 47		n.a.
S 24	13 28	6 10	3 46	7 57	0 34	22 42	0 11	22 8	1 8	20 13	0 29	23 50	0 25	18 35	0 43	13 57	1 31	13 0	15 31	14 33	14 31	21 44		n.a.
S 25	13 8	11 48	4 29	7 3	0 46	22 35	0 14	21 59	1 8	20 15	0 29	23 49	0 25	18 34	0 43	13 56	1 31	12 59	15 30	14 33	14 32	21 42		n.a.
M26	12 48	17 3	4 59	6 11	0 59	22 27	0 17	21 49	1 8	20 16	0 29	23 49	0 25	18 33	0 43	13 55	1 31	12 58	15 30	14 33	14 33	21 40		n.a.
T 27	12 27	21 39	5 15	5 20	1 11	22 18	0 20	21 40	1 9	20 17	0 29	23 48	0 25	18 32	0 43	13 54	1 31	12 58	15 30	14 33	14 34	21 37		n.a.
W28	12 7	25 16	5 15	4 29	1 23	22 9	0 23	21 30	1 9	20 19	0 29	23 48	0 26	18 31	0 43	13 54	1 31	12 57	15 30	14 33	14 35	21 35		n.a.
T 29	11s46	27s32	4s57	3s41	1n35	22s 0	0s26	21s20	1s 9	20s20	0n29	23s48	0s26	18s30	0s43	13s53	1s31	12s56	15s30	14s33	14s36	21n32		n.a.

Julian Day Number = 1319313.5, Delta T = 07h34m22s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'22, Lahiri = -19°09'21 Julian Calendar 1 Feb. 1101 BCE == Greg. Calendar 21 Jan. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

MARCH 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 54 37	0♓40'41	26♐26	18♓43	25♑43	2♒ 2	1♐37	11♑ 3	10♒50	27♒45	3♈ 2	21♒32	21♒20	2♌37	n.a.	F 1
S 2	9 58 34	1°39'28	10♑54	20° 9	26°55	2°49	1°42	11° 8	10°53	27°48	3° 3	21°33	21°17	2°44	n.a.	S 2
S 3	10 2 30	2°38'12	25°39	21°30	28° 7	3°35	1°47	11°14	10°56	27°50	3° 4	21°34	21°13	2°51	n.a.	S 3
M 4	10 6 27	3°36'55	10♒36	22°45	29°19	4°22	1°52	11°19	10°59	27°52	3° 5	21°35	21°10	2°57	n.a.	M 4
T 5	10 10 23	4°35'36	25°37	23°56	0♒31	5° 8	1°57	11°24	11° 3	27°54	3° 6	21°R35	21° 7	3° 4	n.a.	T 5
W 6	10 14 20	5°34'14	10♓34	25° 0	1°43	5°54	2° 2	11°30	11° 6	27°57	3° 8	21°34	21° 4	3°11	n.a.	W 6
T 7	10 18 16	6°32'51	25°19	25°59	2°54	6°41	2° 6	11°35	11° 9	27°59	3° 9	21°33	21° 1	3°17	n.a.	T 7
F 8	10 22 13	7°31'25	9♈44	26°53	4° 6	7°27	2°10	11°40	11°12	28° 1	3°10	21°31	20°58	3°24	n.a.	F 8
S 9	10 26 9	8°29'57	23°46	27°40	5°18	8°13	2°15	11°45	11°15	28° 3	3°11	21°29	20°54	3°30	n.a.	S 9
S 10	10 30 6	9°28'27	7♉21	28°21	6°30	9° 0	2°18	11°50	11°18	28° 6	3°13	21°27	20°51	3°37	n.a.	S 10
M11	10 34 2	10°26'54	20°30	28°56	7°42	9°46	2°22	11°55	11°21	28° 8	3°14	21°25	20°48	3°44	n.a.	M11
T 12	10 37 59	11°25'20	3♊15	29°25	8°54	10°32	2°26	12° 0	11°25	28°10	3°15	21°24	20°45	3°50	n.a.	T 12
W13	10 41 56	12°23'43	15°39	29°48	10° 6	11°18	2°29	12° 4	11°28	28°12	3°16	21°D24	20°42	3°57	n.a.	W13
T 14	10 45 52	13°22'04	27°47	0♈ 5	11°18	12° 4	2°33	12° 9	11°31	28°14	3°18	21°24	20°39	4° 4	n.a.	T 14
F 15	10 49 49	14°20'22	9♋43	0°16	12°30	12°50	2°36	12°14	11°34	28°17	3°19	21°26	20°35	4°10	n.a.	F 15
S 16	10 53 45	15°18'39	21°33	0°R21	13°42	13°36	2°38	12°18	11°37	28°19	3°20	21°27	20°32	4°17	n.a.	S 16
S 17	10 57 42	16°16'53	3♌20	0°20	14°54	14°22	2°41	12°23	11°40	28°21	3°22	21°29	20°29	4°24	n.a.	S 17
M18	11 1 38	17°15'05	15° 9	0°14	16° 7	15° 8	2°44	12°27	11°42	28°23	3°23	21°30	20°26	4°30	n.a.	M18
T 19	11 5 35	18°13'15	27° 3	0° 2	17°19	15°54	2°46	12°32	11°45	28°25	3°24	21°R30	20°23	4°37	n.a.	T 19
W20	11 9 31	19°11'23	9♍ 5	29♓45	18°31	16°40	2°48	12°36	11°48	28°28	3°26	21°29	20°19	4°44	n.a.	W20
T 21	11 13 28	20° 9'29	21°17	29°24	19°43	17°26	2°50	12°40	11°51	28°30	3°27	21°26	20°16	4°50	n.a.	T 21
F 22	11 17 25	21° 7'33	3♎41	28°59	20°55	18°12	2°52	12°44	11°54	28°32	3°28	21°22	20°13	4°57	n.a.	F 22
S 23	11 21 21	22° 5'36	16°16	28°29	22° 7	18°58	2°54	12°48	11°57	28°34	3°30	21°17	20°10	5° 4	n.a.	S 23
S 24	11 25 18	23° 3'37	29° 5	27°57	23°20	19°43	2°55	12°52	12° 0	28°36	3°31	21°12	20° 7	5°10	n.a.	S 24
M25	11 29 14	24° 1'36	12♏ 8	27°22	24°32	20°29	2°56	12°56	12° 2	28°38	3°32	21° 7	20° 4	5°17	n.a.	M25
T 26	11 33 11	24°59'34	25°24	26°46	25°44	21°15	2°57	13° 0	12° 5	28°40	3°34	21° 3	20° 0	5°24	n.a.	T 26
W27	11 37 7	25°57'30	8♐54	26° 8	26°56	22° 0	2°58	13° 3	12° 8	28°42	3°35	21° 0	19°57	5°30	n.a.	W27
T 28	11 41 4	26°55'25	22°39	25°30	28° 9	22°46	2°59	13° 7	12°10	28°44	3°36	20°D59	19°54	5°37	n.a.	T 28
F 29	11 45 0	27°53'19	6♑38	24°52	29°21	23°31	2°59	13°11	12°13	28°46	3°38	20°59	19°51	5°43	n.a.	F 29
S 30	11 48 57	28°51'11	20°50	24°15	0♓33	24°17	3° 0	13°14	12°16	28°48	3°39	21° 1	19°48	5°50	n.a.	S 30
S 31	11 52 54	29♓49'02	5♒15	23♓39	1♓46	25♒ 2	3°R 0	13♑17	12♒18	28♒50	3♈40	21♒ 2	19♒45	5♌57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s25	28s 7	4s21	2s54	1n47	21s49	0s29	21s 9	1s10	20s21	0n29	23s47	0s26	18s29	0s43	13s52	1s31	12s56	15s29	14s33	14s37	21n30		n.a.
S 2	11 3	26 49	3 27	2 10	1 58	21 38	0 32	20 59	1 10	20 22	0 29	23 47	0 26	18 28	0 43	13 51	1 31	12 55	15 29	14 33	14 38	21 28		n.a.
S 3	10 42	23 38	2 19	1 28	2 9	21 27	0 35	20 48	1 10	20 23	0 29	23 47	0 26	18 27	0 43	13 50	1 31	12 55	15 29	14 33	14 39	21 25		n.a.
M 4	10 21	18 50	1 1	0 48	2 19	21 14	0 38	20 37	1 10	20 24	0 29	23 46	0 26	18 26	0 43	13 50	1 31	12 54	15 29	14 32	14 40	21 23		n.a.
T 5	9 59	12 50	0n22	0 11	2 29	21 2	0 40	20 26	1 11	20 25	0 29	23 46	0 26	18 26	0 43	13 49	1 31	12 53	15 29	14 32	14 41	21 21		n.a.
W 6	9 37	6 8	1 43	0n23	2 38	20 48	0 43	20 15	1 11	20 26	0 29	23 46	0 26	18 25	0 43	13 48	1 31	12 53	15 29	14 33	14 42	21 18		n.a.
T 7	9 15	0n48	2 56	0 55	2 46	20 34	0 46	20 3	1 11	20 27	0 29	23 45	0 26	18 24	0 43	13 47	1 31	12 52	15 28	14 33	14 43	21 16		n.a.
F 8	8 53	7 31	3 56	1 23	2 53	20 19	0 48	19 51	1 11	20 28	0 29	23 45	0 27	18 23	0 43	13 46	1 31	12 51	15 28	14 34	14 44	21 13		n.a.
S 9	8 31	13 41	4 40	1 48	3 0	20 4	0 51	19 39	1 12	20 29	0 29	23 45	0 27	18 22	0 43	13 46	1 31	12 51	15 28	14 34	14 46	21 11		n.a.
S 10	8 9	19 0	5 6	2 10	3 5	19 49	0 53	19 27	1 12	20 30	0 28	23 44	0 27	18 21	0 43	13 45	1 31	12 50	15 28	14 35	14 47	21 9		n.a.
M11	7 46	23 13	5 16	2 28	3 10	19 32	0 56	19 15	1 12	20 31	0 28	23 44	0 27	18 20	0 43	13 44	1 31	12 49	15 28	14 36	14 48	21 6		n.a.
T 12	7 24	26 12	5 9	2 43	3 13	19 15	0 58	19 2	1 12	20 31	0 28	23 44	0 27	18 20	0 43	13 43	1 31	12 49	15 28	14 36	14 49	21 4		n.a.
W13	7 1	27 49	4 48	2 54	3 15	18 58	1 0	18 50	1 12	20 32	0 28	23 43	0 27	18 19	0 43	13 43	1 31	12 48	15 27	14 36	14 50	21 1		n.a.
T 14	6 38	28 3	4 15	3 2	3 16	18 40	1 3	18 37	1 13	20 33	0 28	23 43	0 27	18 18	0 43	13 42	1 31	12 47	15 27	14 36	14 51	20 59		n.a.
F 15	6 16	26 58	3 30	3 6	3 16	18 22	1 5	18 24	1 13	20 33	0 28	23 43	0 27	18 17	0 43	13 41	1 31	12 47	15 27	14 35	14 52	20 56		n.a.
S 16	5 53	24 40	2 38	3 6	3 15	18 3	1 7	18 10	1 13	20 34	0 28	23 42	0 28	18 16	0 43	13 40	1 31	12 46	15 27	14 35	14 53	20 54		n.a.
S 17	5 30	21 19	1 38	3 3	3 12	17 43	1 9	17 57	1 13	20 35	0 28	23 42	0 28	18 15	0 43	13 40	1 31	12 46	15 27	14 34	14 54	20 52		n.a.
M18	5 7	17 6	0 35	2 57	3 7	17 23	1 11	17 43	1 13	20 35	0 28	23 42	0 28	18 15	0 43	13 39	1 31	12 45	15 27	14 34	14 55	20 49		n.a.
T 19	4 44	12 13	0s31	2 47	3 2	17 3	1 13	17 30	1 13	20 36	0 28	23 41	0 28	18 14	0 43	13 38	1 31	12 44	15 27	14 34	14 56	20 47		n.a.
W20	4 21	6 49	1 35	2 34	2 55	16 42	1 15	17 16	1 14	20 36	0 28	23 41	0 28	18 13	0 43	13 37	1 31	12 44	15 27	14 34	14 57	20 44		n.a.
T 21	3 58	1 7	2 36	2 18	2 46	16 21	1 16	17 2	1 14	20 36	0 28	23 41	0 28	18 12	0 43	13 37	1 31	12 43	15 27	14 35	14 58	20 42		n.a.
F 22	3 34	4s42	3 31	1 59	2 37	15 59	1 18	16 47	1 14	20 37	0 28	23 41	0 28	18 11	0 43	13 36	1 31	12 42	15 26	14 36	14 59	20 39		n.a.
S 23	3 11	10 26	4 16	1 37	2 26	15 37	1 20	16 33	1 14	20 37	0 28	23 40	0 28	18 11	0 43	13 35	1 31	12 42	15 26	14 38	15 0	20 37		n.a.
S 24	2 48	15 49	4 49	1 13	2 14	15 14	1 21	16 19	1 14	20 38	0 28	23 40	0 29	18 10	0 43	13 34	1 31	12 41	15 26	14 40	15 1	20 34		n.a.
M25	2 25	20 36	5 8	0 47	2 0	14 51	1 23	16 4	1 14	20 38	0 28	23 40	0 29	18 9	0 43	13 34	1 31	12 41	15 26	14 41	15 2	20 32		n.a.
T 26	2 1	24 27	5 11	0 19	1 46	14 28	1 24	15 49	1 14	20 38	0 28	23 40	0 29	18 8	0 43	13 33	1 31	12 40	15 26	14 43	15 3	20 29		n.a.
W27	1 38	27 2	4 57	0s10	1 31	14 4	1 25	15 34	1 14	20 38	0 28	23 39	0 29	18 8	0 43	13 32	1 31	12 39	15 26	14 44	15 4	20 27		n.a.
T 28	1 15	28 3	4 26	0 40	1 15	13 40	1 26	15 19	1 14	20 39	0 28	23 39	0 29	18 7	0 43	13 32	1 31	12 39	15 26	14 44	15 5	20 24		n.a.
F 29	0 51	27 18	3 38	1 10	0 59	13 15	1 28	15 4	1 14	20 39	0 28	23 39	0 29	18 6	0 43	13 31	1 32	12 38	15 26	14 44	15 6	20 22		n.a.
S 30	0 28	24 46	2 37	1 40	0 43	12 50	1 29	14 49	1 15	20 39	0 28	23 39	0 29	18 5	0 43	13 30	1 32	12 38	15 26	14 44	15 7	20 19		n.a.
S 31	0s 4	20s38	1s25	2s10	0n26	12s25	1s30	14s33	1s15	20s39	0n28	23s38	0s29	18s 5	0s43	13s30	1s32	12s37	15s26	14s43	15s 8	20n17		n.a.

Julian Day Number = 1319342.5, Delta T = 07h34m21s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'18, Lahiri = -19°09'17 Julian Calendar 1 March 1101 BCE == Greg. Calendar 19 Feb. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

APRIL 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 56 50	0♈46'51	19♒49	23°R 6	2♓58	25♒48	3°R 0	13♉21	12♒21	28♒52	3♈42	21°R 3	19♒41	6♌ 3	n.a.	M 1
T 2	12 0 47	1°44'39	4♓27	22♓35	4°10	26°33	3♐ 0	13°24	12°23	28°54	3°43	21♒ 2	19°38	6°10	n.a.	T 2
W 3	12 4 43	2°42'25	19° 5	22° 7	5°23	27°18	2°59	13°27	12°26	28°56	3°44	20°59	19°35	6°17	n.a.	W 3
T 4	12 8 40	3°40'10	3♈35	21°43	6°35	28° 4	2°58	13°30	12°28	28°58	3°46	20°55	19°32	6°23	n.a.	T 4
F 5	12 12 36	4°37'54	17°52	21°22	7°48	28°49	2°58	13°33	12°31	29° 0	3°47	20°49	19°29	6°30	n.a.	F 5
S 6	12 16 33	5°35'36	1♉49	21° 6	9° 0	29°34	2°57	13°36	12°33	29° 2	3°49	20°42	19°25	6°37	n.a.	S 6
S 7	12 20 29	6°33'16	15°24	20°53	10°12	0♓19	2°55	13°38	12°35	29° 4	3°50	20°34	19°22	6°43	n.a.	S 7
M 8	12 24 26	7°30'55	28°35	20°45	11°25	1° 4	2°54	13°41	12°38	29° 6	3°51	20°28	19°19	6°50	n.a.	M 8
T 9	12 28 22	8°28'32	11♊22	20°D42	12°37	1°49	2°52	13°44	12°40	29° 8	3°53	20°23	19°16	6°57	n.a.	T 9
W10	12 32 19	9°26'07	23°48	20°43	13°50	2°34	2°51	13°46	12°42	29°10	3°54	20°19	19°13	7° 3	n.a.	W10
T 11	12 36 16	10°23'41	5♋58	20°49	15° 2	3°19	2°49	13°48	12°44	29°11	3°55	20°D18	19°10	7°10	n.a.	T 11
F 12	12 40 12	11°21'14	17°55	20°59	16°15	4° 4	2°46	13°51	12°46	29°13	3°57	20°18	19° 6	7°17	n.a.	F 12
S 13	12 44 9	12°18'44	29°45	21°14	17°27	4°49	2°44	13°53	12°48	29°15	3°58	20°19	19° 3	7°23	n.a.	S 13
S 14	12 48 5	13°16'13	11♌33	21°34	18°40	5°33	2°42	13°55	12°51	29°17	3°59	20°20	19° 0	7°30	n.a.	S 14
M15	12 52 2	14°13'41	23°24	21°57	19°52	6°18	2°39	13°57	12°53	29°19	4° 1	20°R20	18°57	7°37	n.a.	M15
T 16	12 55 58	15°11'07	5♍23	22°25	21° 5	7° 3	2°36	13°59	12°55	29°20	4° 2	20°19	18°54	7°43	n.a.	T 16
W17	12 59 55	16° 8'32	17°33	22°57	22°18	7°47	2°33	14° 1	12°56	29°22	4° 3	20°16	18°50	7°50	n.a.	W17
T 18	13 3 51	17° 5'55	29°57	23°33	23°30	8°32	2°30	14° 2	12°58	29°24	4° 5	20°10	18°47	7°56	n.a.	T 18
F 19	13 7 48	18° 3'17	12♎37	24°13	24°43	9°16	2°26	14° 4	13° 0	29°25	4° 6	20° 2	18°44	8° 3	n.a.	F 19
S 20	13 11 45	19° 0'39	25°33	24°57	25°55	10° 1	2°23	14° 6	13° 2	29°27	4° 7	19°53	18°41	8°10	n.a.	S 20
S 21	13 15 41	19°57'59	8♏44	25°45	27° 8	10°45	2°19	14° 7	13° 4	29°29	4° 9	19°43	18°38	8°16	n.a.	S 21
M22	13 19 38	20°55'18	22° 9	26°36	28°21	11°29	2°15	14° 8	13° 6	29°30	4°10	19°33	18°35	8°23	n.a.	M22
T 23	13 23 34	21°52'36	5♐46	27°31	29°33	12°14	2°11	14°10	13° 7	29°32	4°11	19°25	18°31	8°30	n.a.	T 23
W24	13 27 31	22°49'54	19°32	28°29	0♈46	12°58	2° 7	14°11	13° 9	29°33	4°13	19°18	18°28	8°36	n.a.	W24
T 25	13 31 27	23°47'11	3♑27	29°30	1°59	13°42	2° 3	14°12	13°11	29°35	4°14	19°14	18°25	8°43	n.a.	T 25
F 26	13 35 24	24°44'27	17°28	0♈35	3°12	14°26	1°58	14°13	13°12	29°36	4°15	19°13	18°22	8°50	n.a.	F 26
S 27	13 39 20	25°41'43	1♒34	1°43	4°24	15°10	1°53	14°14	13°14	29°38	4°17	19°D13	18°19	8°56	n.a.	S 27
S 28	13 43 17	26°38'58	15°45	2°54	5°37	15°54	1°49	14°14	13°15	29°39	4°18	19°R13	18°16	9° 3	n.a.	S 28
M29	13 47 14	27°36'13	29°59	4° 8	6°50	16°38	1°44	14°15	13°17	29°40	4°19	19°13	18°12	9°10	n.a.	M29
T 30	13 51 10	28♈33'26	14♓13	5♈25	8♈ 3	17♓22	1♐38	14♑15	13♒18	29♒42	4♈20	19♒11	18♒ 9	9♌16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n19	15s13	0s 7	2s39	0n 9	11s59	1s31	14s18	1s15	20s39	0n27	23s38	0s30	18s 4	0s43	13s29	1s32	12s36	15s26	14s43	15s 9	20n14		n.a.
T 2	0 42	8 55	1n12	3 6	0s 8	11 33	1 32	14 2	1 15	20 39	0 27	23 38	0 30	18 3	0 43	13 28	1 32	12 36	15 26	14 43	15 10	20 12		n.a.
W 3	1 6	2 9	2 26	3 33	0 24	11 7	1 32	13 46	1 15	20 39	0 27	23 38	0 30	18 3	0 44	13 28	1 32	12 35	15 26	14 44	15 11	20 9		n.a.
T 4	1 29	4n39	3 30	3 57	0 40	10 41	1 33	13 30	1 15	20 39	0 27	23 38	0 30	18 2	0 44	13 27	1 32	12 35	15 26	14 45	15 12	20 7		n.a.
F 5	1 52	11 6	4 19	4 20	0 56	10 14	1 34	13 14	1 15	20 39	0 27	23 37	0 30	18 1	0 44	13 26	1 32	12 34	15 26	14 47	15 13	20 4		n.a.
S 6	2 15	16 51	4 52	4 40	1 11	9 47	1 34	12 58	1 15	20 39	0 27	23 37	0 30	18 1	0 44	13 26	1 32	12 34	15 26	14 50	15 14	20 2		n.a.
S 7	2 39	21 36	5 7	4 58	1 25	9 19	1 35	12 42	1 15	20 38	0 27	23 37	0 30	18 0	0 44	13 25	1 32	12 33	15 26	14 52	15 15	19 59		n.a.
M 8	3 2	25 7	5 5	5 13	1 38	8 52	1 35	12 26	1 15	20 38	0 27	23 37	0 30	17 59	0 44	13 24	1 32	12 33	15 26	14 54	15 16	19 57		n.a.
T 9	3 25	27 16	4 48	5 26	1 51	8 24	1 36	12 10	1 15	20 38	0 27	23 37	0 31	17 59	0 44	13 24	1 32	12 32	15 26	14 56	15 17	19 54		n.a.
W10	3 48	27 58	4 18	5 37	2 3	7 56	1 36	11 53	1 15	20 38	0 27	23 37	0 31	17 58	0 44	13 23	1 32	12 31	15 26	14 57	15 18	19 52		n.a.
T 11	4 11	27 17	3 36	5 44	2 14	7 28	1 36	11 37	1 15	20 37	0 27	23 37	0 31	17 58	0 44	13 22	1 32	12 31	15 26	14 57	15 19	19 49		n.a.
F 12	4 34	25 21	2 46	5 49	2 24	6 59	1 36	11 20	1 15	20 37	0 27	23 37	0 31	17 57	0 44	13 22	1 32	12 30	15 26	14 57	15 20	19 46		n.a.
S 13	4 57	22 18	1 49	5 52	2 33	6 31	1 36	11 3	1 15	20 37	0 27	23 36	0 31	17 56	0 44	13 21	1 32	12 30	15 26	14 57	15 21	19 44		n.a.
S 14	5 19	18 21	0 47	5 51	2 41	6 2	1 36	10 47	1 15	20 36	0 27	23 36	0 31	17 56	0 44	13 21	1 32	12 29	15 26	14 57	15 22	19 41		n.a.
M15	5 42	13 41	0s16	5 48	2 48	5 33	1 36	10 30	1 15	20 36	0 27	23 36	0 31	17 55	0 44	13 20	1 32	12 29	15 26	14 57	15 23	19 39		n.a.
T 16	6 4	8 27	1 20	5 43	2 54	5 4	1 36	10 13	1 14	20 35	0 26	23 36	0 32	17 55	0 44	13 20	1 32	12 28	15 26	14 57	15 24	19 36		n.a.
W17	6 27	2 51	2 21	5 35	3 0	4 34	1 36	9 56	1 14	20 35	0 26	23 36	0 32	17 54	0 44	13 19	1 32	12 28	15 26	14 58	15 25	19 34		n.a.
T 18	6 49	2s58	3 16	5 25	3 4	4 5	1 36	9 39	1 14	20 34	0 26	23 36	0 32	17 54	0 44	13 18	1 32	12 27	15 26	15 0	15 26	19 31		n.a.
F 19	7 12	8 46	4 2	5 12	3 8	3 35	1 35	9 22	1 14	20 34	0 26	23 36	0 32	17 53	0 44	13 18	1 32	12 27	15 26	15 2	15 27	19 28		n.a.
S 20	7 34	14 19	4 37	4 57	3 11	3 6	1 35	9 5	1 14	20 33	0 26	23 36	0 32	17 53	0 44	13 17	1 32	12 26	15 26	15 5	15 28	19 26		n.a.
S 21	7 56	19 20	4 59	4 39	3 13	2 36	1 34	8 48	1 14	20 32	0 26	23 36	0 32	17 52	0 44	13 17	1 32	12 26	15 26	15 9	15 29	19 23		n.a.
M22	8 18	23 29	5 4	4 20	3 14	2 6	1 34	8 30	1 14	20 32	0 26	23 36	0 32	17 52	0 44	13 16	1 32	12 25	15 26	15 12	15 30	19 21		n.a.
T 23	8 39	26 24	4 52	3 58	3 14	1 36	1 33	8 13	1 14	20 31	0 26	23 36	0 33	17 51	0 44	13 16	1 33	12 25	15 26	15 14	15 31	19 18		n.a.
W24	9 1	27 47	4 23	3 34	3 14	1 6	1 33	7 56	1 14	20 30	0 26	23 36	0 33	17 51	0 44	13 15	1 33	12 25	15 26	15 16	15 32	19 15		n.a.
T 25	9 23	27 25	3 39	3 8	3 12	0 36	1 32	7 38	1 14	20 29	0 26	23 36	0 33	17 50	0 44	13 15	1 33	12 24	15 26	15 18	15 33	19 13		n.a.
F 26	9 44	25 19	2 41	2 40	3 11	0 6	1 31	7 21	1 13	20 28	0 26	23 36	0 33	17 50	0 44	13 14	1 33	12 24	15 26	15 18	15 34	19 10		n.a.
S 27	10 5	21 38	1 33	2 10	3 8	0n24	1 30	7 4	1 13	20 28	0 26	23 36	0 33	17 50	0 44	13 14	1 33	12 23	15 26	15 18	15 35	19 7		n.a.
S 28	10 26	16 40	0 18	1 39	3 5	0 54	1 29	6 46	1 13	20 27	0 25	23 36	0 33	17 49	0 44	13 13	1 33	12 23	15 27	15 18	15 36	19 5		n.a.
M29	10 47	10 46	0n57	1 5	3 1	1 24	1 28	6 29	1 13	20 26	0 25	23 36	0 33	17 49	0 44	13 13	1 33	12 22	15 27	15 18	15 37	19 2		n.a.
T 30	11n 8	4s20	2n 9	0s30	2s56	1n55	1s27	6s11	1s13	20s25	0n25	23s36	0s34	17s48	0s44	13s12	1s33	12s22	15s27	15s19	15s38	19n 0		n.a.

Julian Day Number = 1319373.5, Delta T = 07h34m19s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'13, Lahiri = -19°09'13 Julian Calendar 1 Apr. 1101 BCE == Greg. Calendar 22 March 1101 BCE

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

MAY 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 55 7	29♈30'40	28♓26	6♈45	9♈15	18♓ 5	1°R33	14♑16	13♒19	29♒43	4♈22	19°R 6	18♒ 6	9♌23	n.a.	W 1
T 2	13 59 3	0♉27'53	12♈33	8° 8	10°28	18°49	1♐28	14°16	13°21	29°45	4°23	18♒59	18° 3	9°30	n.a.	T 2
F 3	14 3 0	1°25'05	26°29	9°34	11°41	19°33	1°22	14°17	13°22	29°46	4°24	18°49	18° 0	9°36	n.a.	F 3
S 4	14 6 56	2°22'16	10♉11	11° 3	12°54	20°16	1°16	14°17	13°23	29°47	4°25	18°38	17°56	9°43	n.a.	S 4
S 5	14 10 53	3°19'27	23°34	12°35	14° 7	21° 0	1°10	14°R17	13°24	29°48	4°27	18°26	17°53	9°49	n.a.	S 5
M 6	14 14 49	4°16'38	6♊38	14° 9	15°20	21°43	1° 4	14°17	13°26	29°50	4°28	18°15	17°50	9°56	n.a.	M 6
T 7	14 18 46	5°13'48	19°21	15°46	16°33	22°27	0°58	14°17	13°27	29°51	4°29	18° 6	17°47	10° 3	n.a.	T 7
W 8	14 22 43	6°10'57	1♋45	17°26	17°46	23°10	0°52	14°16	13°28	29°52	4°30	18° 0	17°44	10° 9	n.a.	W 8
T 9	14 26 39	7° 8'05	13°54	19° 9	18°59	23°53	0°46	14°16	13°29	29°53	4°31	17°55	17°41	10°16	n.a.	T 9
F 10	14 30 36	8° 5'12	25°51	20°55	20°12	24°37	0°39	14°16	13°30	29°54	4°33	17°53	17°37	10°23	n.a.	F 10
S 11	14 34 32	9° 2'19	7♌41	22°43	21°25	25°20	0°33	14°15	13°31	29°55	4°34	17°D53	17°34	10°29	n.a.	S 11
S 12	14 38 29	9°59'25	19°30	24°34	22°37	26° 3	0°26	14°14	13°31	29°56	4°35	17°R53	17°31	10°36	n.a.	S 12
M13	14 42 25	10°56'31	1♍22	26°27	23°50	26°46	0°19	14°14	13°32	29°57	4°36	17°52	17°28	10°43	n.a.	M13
T 14	14 46 22	11°53'35	13°24	28°23	25° 4	27°29	0°12	14°13	13°33	29°58	4°37	17°50	17°25	10°49	n.a.	T 14
W15	14 50 19	12°50'40	25°40	0♉21	26°17	28°11	0° 5	14°12	13°34	29°59	4°38	17°46	17°22	10°56	n.a.	W15
T 16	14 54 15	13°47'43	8♎13	2°21	27°30	28°54	29♏58	14°11	13°34	0♓ 0	4°39	17°39	17°18	11° 3	n.a.	T 16
F 17	14 58 12	14°44'47	21° 7	4°24	28°43	29°37	29°51	14°10	13°35	0° 1	4°40	17°30	17°15	11° 9	n.a.	F 17
S 18	15 2 8	15°41'50	4♏20	6°28	29°56	0♈20	29°44	14° 9	13°36	0° 2	4°42	17°19	17°12	11°16	n.a.	S 18
S 19	15 6 5	16°38'53	17°53	8°34	1♉ 9	1° 2	29°37	14° 7	13°36	0° 3	4°43	17° 7	17° 9	11°23	n.a.	S 19
M20	15 10 1	17°35'56	1♐43	10°41	2°22	1°45	29°30	14° 6	13°37	0° 4	4°44	16°55	17° 6	11°29	n.a.	M20
T 21	15 13 58	18°32'59	15°45	12°50	3°35	2°27	29°22	14° 4	13°37	0° 4	4°45	16°45	17° 2	11°36	n.a.	T 21
W22	15 17 54	19°30'02	29°55	14°59	4°48	3°10	29°15	14° 3	13°37	0° 5	4°46	16°37	16°59	11°42	n.a.	W22
T 23	15 21 51	20°27'05	14♑ 9	17° 9	6° 2	3°52	29° 7	14° 1	13°38	0° 6	4°47	16°32	16°56	11°49	n.a.	T 23
F 24	15 25 48	21°24'09	28°23	19°20	7°15	4°34	29° 0	13°59	13°38	0° 6	4°48	16°30	16°53	11°56	n.a.	F 24
S 25	15 29 44	22°21'13	12♒35	21°30	8°28	5°16	28°52	13°57	13°38	0° 7	4°49	16°29	16°50	12° 2	n.a.	S 25
S 26	15 33 41	23°18'17	26°42	23°40	9°41	5°58	28°44	13°56	13°38	0° 8	4°50	16°29	16°47	12° 9	n.a.	S 26
M27	15 37 37	24°15'21	10♓45	25°50	10°55	6°40	28°37	13°53	13°39	0° 8	4°51	16°28	16°43	12°16	n.a.	M27
T 28	15 41 34	25°12'26	24°42	27°59	12° 8	7°22	28°29	13°51	13°39	0° 9	4°52	16°26	16°40	12°22	n.a.	T 28
W29	15 45 30	26° 9'31	8♈33	0♊ 7	13°21	8° 4	28°21	13°49	13°R39	0° 9	4°52	16°21	16°37	12°29	n.a.	W29
T 30	15 49 27	27° 6'37	22°15	2°14	14°35	8°46	28°14	13°47	13°39	0°10	4°53	16°13	16°34	12°36	n.a.	T 30
F 31	15 53 24	28♉ 3'43	5♉46	4♊20	15♉48	9♈28	28♏ 6	13♑44	13♒39	0♓10	4♈54	16♒ 3	16♒31	12♌42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n29	2n18	3n12	0n 7	2s51	2n25	1s26	5s54	1s13	20s24	0n25	23s36	0s34	17s48	0s44	13s12	1s33	12s22	15s27	15s20	15s39	18n57			n.a.
T 2	11 49	8 46	4 4	0 46	2 45	2 55	1 25	5 36	1 12	20 23	0 25	23 37	0 34	17 48	0 45	13 12	1 33	12 21	15 27	15 23	15 40	18 54			n.a.
F 3	12 9	14 42	4 39	1 26	2 38	3 25	1 24	5 18	1 12	20 22	0 25	23 37	0 34	17 47	0 45	13 11	1 33	12 21	15 27	15 26	15 41	18 52			n.a.
S 4	12 30	19 49	4 58	2 8	2 31	3 55	1 22	5 1	1 12	20 21	0 25	23 37	0 34	17 47	0 45	13 11	1 33	12 20	15 27	15 29	15 42	18 49			n.a.
S 5	12 49	23 48	5 0	2 51	2 24	4 25	1 21	4 43	1 12	20 19	0 25	23 37	0 34	17 47	0 45	13 10	1 33	12 20	15 27	15 33	15 43	18 46			n.a.
M 6	13 9	26 28	4 46	3 35	2 16	4 55	1 20	4 26	1 12	20 18	0 25	23 37	0 34	17 46	0 45	13 10	1 33	12 20	15 28	15 36	15 44	18 44			n.a.
T 7	13 29	27 41	4 19	4 21	2 7	5 24	1 18	4 8	1 11	20 17	0 24	23 37	0 35	17 46	0 45	13 10	1 33	12 19	15 28	15 39	15 45	18 41			n.a.
W 8	13 48	27 28	3 39	5 8	1 58	5 54	1 17	3 50	1 11	20 16	0 24	23 37	0 35	17 46	0 45	13 9	1 33	12 19	15 28	15 41	15 46	18 38			n.a.
T 9	14 7	25 54	2 50	5 57	1 49	6 24	1 15	3 33	1 11	20 15	0 24	23 38	0 35	17 46	0 45	13 9	1 33	12 19	15 28	15 42	15 47	18 36			n.a.
F 10	14 26	23 11	1 54	6 46	1 39	6 53	1 13	3 15	1 11	20 14	0 24	23 38	0 35	17 45	0 45	13 9	1 33	12 18	15 28	15 43	15 48	18 33			n.a.
S 11	14 44	19 31	0 54	7 36	1 29	7 22	1 12	2 58	1 10	20 12	0 24	23 38	0 35	17 45	0 45	13 8	1 33	12 18	15 28	15 43	15 49	18 30			n.a.
S 12	15 3	15 5	0s 9	8 27	1 18	7 52	1 10	2 40	1 10	20 11	0 24	23 38	0 35	17 45	0 45	13 8	1 34	12 18	15 28	15 43	15 50	18 28			n.a.
M13	15 21	10 3	1 11	9 19	1 7	8 21	1 8	2 22	1 10	20 10	0 24	23 38	0 35	17 45	0 45	13 8	1 34	12 17	15 29	15 43	15 51	18 25			n.a.
T 14	15 39	4 37	2 11	10 12	0 57	8 49	1 7	2 5	1 10	20 8	0 24	23 39	0 36	17 45	0 45	13 7	1 34	12 17	15 29	15 44	15 52	18 22			n.a.
W15	15 57	1s 5	3 6	11 4	0 46	9 18	1 5	1 47	1 9	20 7	0 24	23 39	0 36	17 44	0 45	13 7	1 34	12 17	15 29	15 45	15 53	18 20			n.a.
T 16	16 14	6 52	3 53	11 57	0 34	9 46	1 3	1 30	1 9	20 6	0 23	23 39	0 36	17 44	0 45	13 7	1 34	12 17	15 29	15 47	15 54	18 17			n.a.
F 17	16 31	12 31	4 30	12 50	0 23	10 15	1 1	1 12	1 9	20 4	0 23	23 39	0 36	17 44	0 45	13 6	1 34	12 16	15 29	15 50	15 55	18 14			n.a.
S 18	16 48	17 45	4 53	13 42	0 12	10 43	0 59	0 55	1 8	20 3	0 23	23 40	0 36	17 44	0 45	13 6	1 34	12 16	15 29	15 54	15 56	18 11			n.a.
S 19	17 5	22 14	5 0	14 34	0 1	11 10	0 57	0 37	1 8	20 1	0 23	23 40	0 36	17 44	0 45	13 6	1 34	12 16	15 30	15 57	15 57	18 9			n.a.
M20	17 21	25 35	4 51	15 25	0n10	11 38	0 55	0 20	1 8	20 0	0 23	23 40	0 36	17 44	0 45	13 6	1 34	12 15	15 30	16 1	15 58	18 6			n.a.
T 21	17 38	27 25	4 23	16 16	0 20	12 5	0 53	0 2	1 7	19 58	0 23	23 41	0 37	17 44	0 45	13 5	1 34	12 15	15 30	16 4	15 59	18 3			n.a.
W22	17 53	27 29	3 40	17 5	0 31	12 32	0 51	0n15	1 7	19 57	0 23	23 41	0 37	17 44	0 45	13 5	1 34	12 15	15 30	16 7	16 0	18 1			n.a.
T 23	18 9	25 45	2 42	17 52	0 40	12 59	0 49	0 32	1 7	19 55	0 22	23 41	0 37	17 44	0 45	13 5	1 34	12 15	15 30	16 8	16 1	17 58			n.a.
F 24	18 24	22 21	1 34	18 38	0 50	13 25	0 47	0 50	1 6	19 54	0 22	23 42	0 37	17 44	0 45	13 5	1 34	12 15	15 31	16 9	16 2	17 55			n.a.
S 25	18 39	17 38	0 21	19 22	0 59	13 51	0 44	1 7	1 6	19 52	0 22	23 42	0 37	17 43	0 45	13 5	1 34	12 14	15 31	16 9	16 3	17 52			n.a.
S 26	18 54	11 58	0n54	20 4	1 7	14 17	0 42	1 24	1 6	19 51	0 22	23 42	0 37	17 43	0 45	13 5	1 34	12 14	15 31	16 9	16 4	17 50			n.a.
M27	19 8	5 44	2 5	20 44	1 15	14 43	0 40	1 42	1 5	19 49	0 22	23 43	0 37	17 43	0 46	13 4	1 34	12 14	15 31	16 9	16 5	17 47			n.a.
T 28	19 23	0n43	3 7	21 22	1 22	15 8	0 38	1 59	1 5	19 48	0 22	23 43	0 38	17 43	0 46	13 4	1 34	12 14	15 31	16 10	16 6	17 44			n.a.
W29	19 36	7 5	3 59	21 56	1 28	15 32	0 35	2 16	1 5	19 46	0 22	23 43	0 38	17 43	0 46	13 4	1 35	12 14	15 32	16 12	16 7	17 41			n.a.
T 30	19 50	13 3	4 35	22 29	1 34	15 57	0 33	2 33	1 4	19 44	0 21	23 44	0 38	17 44	0 46	13 4	1 35	12 14	15 32	16 14	16 8	17 39			n.a.
F 31	20n 3	18n18	4n56	22n59	1n39	16n21	0s31	2n50	1s 4	19s43	0n21	23s44	0s38	17s44	0s46	13s 4	1s35	12s13	15s32	16s17	16s 9	17n36			n.a.

Julian Day Number = 1319403.5, Delta T = 07h34m17s
Ecliptic obliquity = 23°49'41, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'09, Lahiri = -19°09'09 Julian Calendar 1 May 1101 BCE == Greg. Calendar 21 Apr. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

JUNE 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 20	29♉ 0'50	19♉ 6	6♊24	17♉ 1	10♈ 9	27°R58	13°R42	13°R39	0♓11	4♈55	15°R52	16♒27	12♌49	n.a.	S 1
S 2	16 1 17	29°57'57	2♊10	8°27	18°15	10°51	27♏51	13♑39	13♒38	0°11	4°56	15♒39	16°24	12°56	n.a.	S 2
M 3	16 5 13	0♊55'05	14°59	10°28	19°28	11°33	27°43	13°37	13°38	0°12	4°57	15°28	16°21	13° 2	n.a.	M 3
T 4	16 9 10	1°52'13	27°32	12°28	20°42	12°14	27°35	13°34	13°38	0°12	4°58	15°18	16°18	13° 9	n.a.	T 4
W 5	16 13 6	2°49'21	9♋50	14°25	21°55	12°55	27°28	13°31	13°38	0°12	4°59	15°11	16°15	13°16	n.a.	W 5
T 6	16 17 3	3°46'29	21°54	16°21	23° 9	13°37	27°20	13°28	13°37	0°12	4°59	15° 6	16°12	13°22	n.a.	T 6
F 7	16 20 59	4°43'38	3♌48	18°16	24°22	14°18	27°12	13°25	13°37	0°13	5° 0	15° 4	16° 8	13°29	n.a.	F 7
S 8	16 24 56	5°40'47	15°37	20° 8	25°36	14°59	27° 5	13°22	13°36	0°13	5° 1	15°D 3	16° 5	13°35	n.a.	S 8
S 9	16 28 53	6°37'56	27°25	21°59	26°49	15°40	26°57	13°19	13°36	0°13	5° 2	15° 4	16° 2	13°42	n.a.	S 9
M10	16 32 49	7°35'06	9♍18	23°48	28° 3	16°21	26°50	13°16	13°35	0°13	5° 2	15°R 4	15°59	13°49	n.a.	M10
T 11	16 36 46	8°32'15	21°20	25°35	29°17	17° 2	26°42	13°13	13°35	0°13	5° 3	15° 3	15°56	13°55	n.a.	T 11
W12	16 40 42	9°29'26	3♎38	27°20	0♊30	17°43	26°35	13°10	13°34	0°13	5° 4	15° 0	15°53	14° 2	n.a.	W12
T 13	16 44 39	10°26'36	16°15	29° 3	1°44	18°23	26°28	13° 6	13°34	0°R13	5° 4	14°56	15°49	14° 9	n.a.	T 13
F 14	16 48 35	11°23'48	29°15	0♋45	2°58	19° 4	26°21	13° 3	13°33	0°13	5° 5	14°48	15°46	14°15	n.a.	F 14
S 15	16 52 32	12°20'59	12♏39	2°24	4°11	19°44	26°13	12°59	13°32	0°13	5° 6	14°40	15°43	14°22	n.a.	S 15
S 16	16 56 29	13°18'12	26°27	4° 2	5°25	20°25	26° 6	12°56	13°31	0°13	5° 6	14°30	15°40	14°29	n.a.	S 16
M17	17 0 25	14°15'25	10♐37	5°38	6°39	21° 5	25°59	12°52	13°30	0°13	5° 7	14°21	15°37	14°35	n.a.	M17
T 18	17 4 22	15°12'39	25° 2	7°12	7°53	21°46	25°52	12°48	13°30	0°13	5° 7	14°12	15°33	14°42	n.a.	T 18
W19	17 8 18	16° 9'54	9♑37	8°45	9° 6	22°26	25°46	12°45	13°29	0°13	5° 8	14° 6	15°30	14°49	n.a.	W19
T 20	17 12 15	17° 7'11	24°16	10°15	10°20	23° 6	25°39	12°41	13°28	0°13	5° 9	14° 2	15°27	14°55	n.a.	T 20
F 21	17 16 11	18° 4'28	8♒50	11°44	11°34	23°46	25°32	12°37	13°27	0°12	5° 9	14°D 1	15°24	15° 2	n.a.	F 21
S 22	17 20 8	19° 1'46	23°17	13°11	12°48	24°26	25°26	12°33	13°26	0°12	5°10	14° 1	15°21	15° 9	n.a.	S 22
S 23	17 24 4	19°59'06	7♓33	14°36	14° 2	25° 6	25°19	12°29	13°24	0°12	5°10	14° 2	15°18	15°15	n.a.	S 23
M24	17 28 1	20°56'27	21°36	15°59	15°16	25°46	25°13	12°25	13°23	0°11	5°11	14°R 2	15°14	15°22	n.a.	M24
T 25	17 31 58	21°53'49	5♈25	17°20	16°30	26°25	25° 7	12°21	13°22	0°11	5°11	14° 2	15°11	15°28	n.a.	T 25
W26	17 35 54	22°51'13	19° 1	18°39	17°44	27° 5	25° 1	12°17	13°21	0°11	5°11	13°59	15° 8	15°35	n.a.	W26
T 27	17 39 51	23°48'38	2♉24	19°57	18°58	27°44	24°55	12°13	13°20	0°10	5°12	13°54	15° 5	15°42	n.a.	T 27
F 28	17 43 47	24°46'04	15°34	21°12	20°12	28°24	24°49	12° 9	13°18	0°10	5°12	13°47	15° 2	15°48	n.a.	F 28
S 29	17 47 44	25°43'32	28°31	22°24	21°26	29° 3	24°44	12° 4	13°17	0° 9	5°13	13°39	14°59	15°55	n.a.	S 29
S 30	17 51 40	26♊41'02	11♊15	23♋35	22♊40	29♈43	24♏38	12♑ 0	13♒15	0♓ 9	5♈13	13♒31	14♒55	16♌ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n16	22n35	5n 1	23n26	1n44	16n44	0s28	3n 7	1s 3	19s41	0n21	23s45	0s38	17s44	0s46	13s 4	1s35	12s13	15s32	16s20	16s10	17n33		n.a.
S 2	20 28	25 39	4 49	23 50	1 47	17 7	0 26	3 24	1 3	19 40	0 21	23 45	0 38	17 44	0 46	13 4	1 35	12 13	15 33	16 24	16 10	17 30		n.a.
M 3	20 40	27 19	4 23	24 12	1 50	17 30	0 24	3 41	1 3	19 38	0 21	23 45	0 38	17 44	0 46	13 4	1 35	12 13	15 33	16 28	16 11	17 28		n.a.
T 4	20 52	27 32	3 44	24 31	1 53	17 52	0 21	3 58	1 2	19 36	0 21	23 46	0 39	17 44	0 46	13 4	1 35	12 13	15 33	16 30	16 12	17 25		n.a.
W 5	21 4	26 23	2 56	24 48	1 54	18 14	0 19	4 14	1 2	19 35	0 20	23 46	0 39	17 44	0 46	13 4	1 35	12 13	15 33	16 33	16 13	17 22		n.a.
T 6	21 15	23 59	2 0	25 2	1 55	18 36	0 17	4 31	1 1	19 33	0 20	23 47	0 39	17 44	0 46	13 3	1 35	12 13	15 34	16 34	16 14	17 19		n.a.
F 7	21 26	20 35	1 0	25 13	1 56	18 56	0 14	4 48	1 1	19 32	0 20	23 47	0 39	17 44	0 46	13 3	1 35	12 13	15 34	16 35	16 15	17 17		n.a.
S 8	21 36	16 22	0s 3	25 22	1 55	19 17	0 12	5 4	1 0	19 30	0 20	23 47	0 39	17 45	0 46	13 3	1 35	12 13	15 34	16 35	16 16	17 14		n.a.
S 9	21 46	11 32	1 5	25 29	1 54	19 37	0 9	5 21	1 0	19 28	0 20	23 48	0 39	17 45	0 46	13 3	1 35	12 13	15 34	16 35	16 17	17 11		n.a.
M10	21 56	6 17	2 6	25 34	1 53	19 56	0 7	5 37	1 0	19 27	0 20	23 48	0 39	17 45	0 46	13 3	1 35	12 12	15 35	16 35	16 18	17 8		n.a.
T 11	22 5	0 44	3 1	25 36	1 51	20 15	0 5	5 53	0 59	19 25	0 19	23 49	0 39	17 45	0 46	13 3	1 35	12 12	15 35	16 35	16 19	17 5		n.a.
W12	22 14	4s57	3 49	25 36	1 48	20 33	0 2	6 10	0 59	19 24	0 19	23 49	0 40	17 45	0 46	13 4	1 35	12 12	15 35	16 36	16 20	17 3		n.a.
T 13	22 23	10 35	4 27	25 35	1 45	20 51	0n 0	6 26	0 58	19 22	0 19	23 50	0 40	17 46	0 46	13 4	1 35	12 12	15 35	16 37	16 21	17 0		n.a.
F 14	22 31	15 56	4 53	25 31	1 42	21 8	0 3	6 42	0 58	19 21	0 19	23 50	0 40	17 46	0 46	13 4	1 36	12 12	15 36	16 39	16 22	16 57		n.a.
S 15	22 38	20 42	5 4	25 26	1 37	21 25	0 5	6 58	0 57	19 19	0 19	23 51	0 40	17 46	0 46	13 4	1 36	12 12	15 36	16 42	16 23	16 54		n.a.
S 16	22 46	24 30	4 58	25 19	1 33	21 41	0 7	7 14	0 57	19 18	0 19	23 51	0 40	17 46	0 46	13 4	1 36	12 12	15 36	16 45	16 24	16 51		n.a.
M17	22 53	26 54	4 33	25 10	1 28	21 56	0 10	7 30	0 56	19 16	0 18	23 52	0 40	17 47	0 46	13 4	1 36	12 12	15 36	16 48	16 25	16 49		n.a.
T 18	22 59	27 35	3 51	25 0	1 22	22 11	0 12	7 45	0 56	19 15	0 18	23 52	0 40	17 47	0 46	13 4	1 36	12 12	15 37	16 50	16 26	16 46		n.a.
W19	23 6	26 21	2 53	24 48	1 16	22 25	0 15	8 1	0 55	19 13	0 18	23 53	0 41	17 47	0 46	13 4	1 36	12 12	15 37	16 52	16 27	16 43		n.a.
T 20	23 12	23 19	1 44	24 35	1 10	22 38	0 17	8 17	0 54	19 12	0 18	23 53	0 41	17 48	0 46	13 4	1 36	12 12	15 37	16 53	16 28	16 40		n.a.
F 21	23 17	18 47	0 28	24 20	1 3	22 51	0 19	8 32	0 54	19 10	0 18	23 54	0 41	17 48	0 46	13 4	1 36	12 13	15 38	16 53	16 29	16 37		n.a.
S 22	23 22	13 12	0n50	24 5	0 56	23 3	0 22	8 48	0 53	19 9	0 17	23 54	0 41	17 48	0 47	13 4	1 36	12 13	15 38	16 53	16 30	16 34		n.a.
S 23	23 27	6 59	2 3	23 48	0 48	23 15	0 24	9 3	0 53	19 8	0 17	23 55	0 41	17 49	0 47	13 5	1 36	12 13	15 38	16 53	16 31	16 32		n.a.
M24	23 31	0 31	3 8	23 31	0 40	23 26	0 26	9 18	0 52	19 6	0 17	23 55	0 41	17 49	0 47	13 5	1 36	12 13	15 38	16 53	16 32	16 29		n.a.
T 25	23 35	5n51	4 1	23 12	0 32	23 36	0 28	9 33	0 52	19 5	0 17	23 56	0 41	17 49	0 47	13 5	1 36	12 13	15 39	16 53	16 33	16 26		n.a.
W26	23 38	11 51	4 39	22 53	0 23	23 45	0 31	9 48	0 51	19 4	0 17	23 56	0 41	17 50	0 47	13 5	1 36	12 13	15 39	16 54	16 33	16 23		n.a.
T 27	23 41	17 12	5 1	22 33	0 14	23 54	0 33	10 3	0 51	19 2	0 17	23 57	0 41	17 50	0 47	13 5	1 36	12 13	15 39	16 55	16 34	16 20		n.a.
F 28	23 43	21 39	5 7	22 12	0 5	24 2	0 35	10 18	0 50	19 1	0 16	23 57	0 42	17 51	0 47	13 6	1 36	12 13	15 40	16 57	16 35	16 17		n.a.
S 29	23 45	24 59	4 57	21 51	0s 5	24 10	0 37	10 33	0 49	19 0	0 16	23 58	0 42	17 51	0 47	13 6	1 36	12 13	15 40	17 0	16 36	16 15		n.a.
S 30	23n47	26n59	4n32	21n30	0s15	24n16	0n39	10n47	0s49	18s59	0n16	23s58	0s42	17s51	0s47	13s 6	1s36	12s13	15s40	17s 2	16s37	16n12		n.a.

Julian Day Number = 1319434.5, Delta T = 07h34m16s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'05, Lahiri = -19°09'05 Julian Calendar 1 June 1101 BCE == Greg. Calendar 22 May 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

JULY 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 55 37	27♊38'32	23♊46	24♋43	23♊54	0♉22	24°R33	11°R56	13°R14	0°R 8	5♈13	13°R23	14♒52	16♌ 8	n.a.	M 1
T 2	17 59 34	28°36'04	6♋ 5	25°49	25° 8	1° 1	24♏28	11♑51	13♒13	0♓ 8	5°14	13♒16	14°49	16°15	n.a.	T 2
W 3	18 3 30	29°33'37	18°13	26°53	26°22	1°40	24°22	11°47	13°11	0° 7	5°14	13°11	14°46	16°22	n.a.	W 3
T 4	18 7 27	0♋31'12	0♌10	27°54	27°36	2°19	24°18	11°43	13° 9	0° 7	5°14	13° 8	14°43	16°28	n.a.	T 4
F 5	18 11 23	1°28'48	12° 1	28°52	28°50	2°57	24°13	11°38	13° 8	0° 6	5°14	13°D 7	14°39	16°35	n.a.	F 5
S 6	18 15 20	2°26'24	23°48	29°47	0♋ 5	3°36	24° 8	11°34	13° 6	0° 5	5°15	13° 8	14°36	16°42	n.a.	S 6
S 7	18 19 16	3°24'02	5♍35	0♌39	1°19	4°15	24° 4	11°29	13° 5	0° 4	5°15	13° 9	14°33	16°48	n.a.	S 7
M 8	18 23 13	4°21'41	17°27	1°29	2°33	4°53	23°59	11°25	13° 3	0° 4	5°15	13°11	14°30	16°55	n.a.	M 8
T 9	18 27 9	5°19'22	29°28	2°14	3°47	5°31	23°55	11°20	13° 1	0° 3	5°15	13°12	14°27	17° 1	n.a.	T 9
W10	18 31 6	6°17'03	11♎44	2°57	5° 2	6°10	23°51	11°16	12°59	0° 2	5°15	13°R12	14°24	17° 8	n.a.	W10
T 11	18 35 3	7°14'46	24°20	3°35	6°16	6°48	23°48	11°11	12°58	0° 1	5°15	13°11	14°20	17°15	n.a.	T 11
F 12	18 38 59	8°12'30	7♏19	4°10	7°30	7°26	23°44	11° 7	12°56	0° 0	5°15	13° 8	14°17	17°21	n.a.	F 12
S 13	18 42 56	9°10'16	20°45	4°40	8°44	8° 4	23°41	11° 2	12°54	29♒59	5°15	13° 4	14°14	17°28	n.a.	S 13
S 14	18 46 52	10° 8'03	4♐37	5° 6	9°59	8°42	23°37	10°58	12°52	29°59	5°15	12°59	14°11	17°35	n.a.	S 14
M15	18 50 49	11° 5'51	18°55	5°27	11°13	9°20	23°34	10°53	12°50	29°58	5°16	12°54	14° 8	17°41	n.a.	M15
T 16	18 54 45	12° 3'41	3♑34	5°44	12°28	9°57	23°31	10°49	12°48	29°57	5°R16	12°50	14° 5	17°48	n.a.	T 16
W17	18 58 42	13° 1'33	18°28	5°55	13°42	10°35	23°29	10°44	12°46	29°56	5°16	12°47	14° 1	17°55	n.a.	W17
T 18	19 2 38	13°59'26	3♒27	6° 1	14°56	11°12	23°26	10°40	12°44	29°55	5°15	12°45	13°58	18° 1	n.a.	T 18
F 19	19 6 35	14°57'21	18°25	6°R 2	16°11	11°50	23°24	10°35	12°42	29°54	5°15	12°D45	13°55	18° 8	n.a.	F 19
S 20	19 10 32	15°55'18	3♓12	5°56	17°25	12°27	23°22	10°31	12°40	29°53	5°15	12°46	13°52	18°15	n.a.	S 20
S 21	19 14 28	16°53'17	17°45	5°45	18°40	13° 4	23°20	10°26	12°38	29°51	5°15	12°48	13°49	18°21	n.a.	S 21
M22	19 18 25	17°51'18	1♈58	5°28	19°54	13°41	23°18	10°22	12°36	29°50	5°15	12°49	13°45	18°28	n.a.	M22
T 23	19 22 21	18°49'21	15°51	5° 4	21° 9	14°18	23°16	10°17	12°34	29°49	5°15	12°R50	13°42	18°35	n.a.	T 23
W24	19 26 18	19°47'26	29°23	4°35	22°23	14°55	23°15	10°13	12°32	29°48	5°15	12°49	13°39	18°41	n.a.	W24
T 25	19 30 14	20°45'33	12♉36	3°59	23°38	15°31	23°14	10° 8	12°30	29°47	5°15	12°48	13°36	18°48	n.a.	T 25
F 26	19 34 11	21°43'42	25°31	3°18	24°53	16° 8	23°13	10° 4	12°27	29°46	5°14	12°46	13°33	18°54	n.a.	F 26
S 27	19 38 7	22°41'54	8♊11	2°32	26° 7	16°44	23°12	9°59	12°25	29°44	5°14	12°43	13°30	19° 1	n.a.	S 27
S 28	19 42 4	23°40'08	20°38	1°41	27°22	17°21	23°11	9°55	12°23	29°43	5°14	12°40	13°26	19° 8	n.a.	S 28
M29	19 46 1	24°38'23	2♋53	0°47	28°36	17°57	23°11	9°51	12°21	29°42	5°14	12°37	13°23	19°14	n.a.	M29
T 30	19 49 57	25°36'41	14°58	29♋50	29°51	18°33	23°10	9°46	12°18	29°40	5°13	12°35	13°20	19°21	n.a.	T 30
W31	19 53 54	26♋35'01	26♋55	28♋51	1♌ 6	19♉ 9	23°D10	9♑42	12♒16	29♒39	5♈13	12♒33	13♒17	19♌28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	27n35	3n55	21n 7	0s25	24n22	0n41	11n 2	0s48	18s58	0n16	23s59	0s42	17s52	0s47	13s 6	1s37	12s14	15s40	17s 5	16s38	16n 9			n.a.
T 2	23 49	26 48	3 7	20 45	0 35	24 27	0 43	11 16	0 48	18 56	0 16	23 59	0 42	17 52	0 47	13 7	1 37	12 14	15 41	17 6	16 39	16 6			n.a.
W 3	23 50	24 44	2 11	20 23	0 45	24 32	0 45	11 31	0 47	18 55	0 15	24 0	0 42	17 53	0 47	13 7	1 37	12 14	15 41	17 8	16 40	16 3			n.a.
T 4	23 50	21 35	1 10	20 0	0 56	24 36	0 47	11 45	0 46	18 54	0 15	24 0	0 42	17 53	0 47	13 7	1 37	12 14	15 41	17 9	16 41	16 0			n.a.
F 5	23 49	17 34	0 6	19 38	1 7	24 39	0 49	11 59	0 46	18 53	0 15	24 1	0 42	17 54	0 47	13 7	1 37	12 14	15 42	17 9	16 42	15 57			n.a.
S 6	23 48	12 54	0s58	19 15	1 18	24 41	0 51	12 13	0 45	18 52	0 15	24 1	0 42	17 54	0 47	13 8	1 37	12 14	15 42	17 9	16 43	15 54			n.a.
S 7	23 47	7 46	1 59	18 53	1 29	24 42	0 53	12 27	0 44	18 51	0 15	24 2	0 43	17 55	0 47	13 8	1 37	12 15	15 42	17 8	16 44	15 52			n.a.
M 8	23 45	2 20	2 56	18 31	1 41	24 43	0 55	12 40	0 44	18 50	0 14	24 2	0 43	17 55	0 47	13 8	1 37	12 15	15 43	17 8	16 45	15 49			n.a.
T 9	23 43	3s14	3 46	18 10	1 52	24 43	0 57	12 54	0 43	18 50	0 14	24 3	0 43	17 56	0 47	13 9	1 37	12 15	15 43	17 8	16 46	15 46			n.a.
W10	23 41	8 48	4 27	17 49	2 4	24 42	0 58	13 8	0 42	18 49	0 14	24 3	0 43	17 56	0 47	13 9	1 37	12 15	15 43	17 8	16 47	15 43			n.a.
T 11	23 38	14 9	4 56	17 29	2 15	24 40	1 0	13 21	0 42	18 48	0 14	24 4	0 43	17 57	0 47	13 9	1 37	12 15	15 44	17 8	16 48	15 40			n.a.
F 12	23 34	19 3	5 11	17 9	2 27	24 38	1 2	13 34	0 41	18 47	0 14	24 4	0 43	17 57	0 47	13 10	1 37	12 16	15 44	17 9	16 49	15 37			n.a.
S 13	23 30	23 11	5 9	16 51	2 38	24 35	1 3	13 47	0 40	18 47	0 14	24 5	0 43	17 58	0 47	13 10	1 37	12 16	15 44	17 10	16 50	15 34			n.a.
S 14	23 26	26 10	4 50	16 34	2 49	24 31	1 5	14 0	0 40	18 46	0 13	24 5	0 43	17 59	0 47	13 11	1 37	12 16	15 44	17 11	16 50	15 31			n.a.
M15	23 21	27 34	4 13	16 18	3 0	24 27	1 6	14 13	0 39	18 45	0 13	24 6	0 43	17 59	0 47	13 11	1 37	12 16	15 45	17 13	16 51	15 29			n.a.
T 16	23 16	27 5	3 18	16 3	3 11	24 21	1 8	14 26	0 38	18 45	0 13	24 6	0 43	18 0	0 47	13 11	1 37	12 17	15 45	17 14	16 52	15 26			n.a.
W17	23 11	24 40	2 9	15 50	3 22	24 15	1 9	14 39	0 37	18 44	0 13	24 7	0 44	18 0	0 47	13 12	1 37	12 17	15 45	17 15	16 53	15 23			n.a.
T 18	23 5	20 31	0 51	15 39	3 32	24 8	1 10	14 51	0 37	18 44	0 13	24 7	0 44	18 1	0 47	13 12	1 37	12 17	15 46	17 15	16 54	15 20			n.a.
F 19	22 58	15 4	0n31	15 30	3 41	24 1	1 12	15 3	0 36	18 43	0 12	24 7	0 44	18 1	0 47	13 13	1 37	12 18	15 46	17 15	16 55	15 17			n.a.
S 20	22 52	8 47	1 50	15 23	3 50	23 53	1 13	15 16	0 35	18 43	0 12	24 8	0 44	18 2	0 47	13 13	1 38	12 18	15 46	17 15	16 56	15 14			n.a.
S 21	22 44	2 9	3 1	15 18	3 58	23 44	1 14	15 28	0 35	18 43	0 12	24 8	0 44	18 3	0 47	13 13	1 38	12 18	15 47	17 15	16 57	15 11			n.a.
M22	22 37	4n26	3 59	15 15	4 5	23 34	1 15	15 40	0 34	18 42	0 12	24 9	0 44	18 3	0 47	13 14	1 38	12 19	15 47	17 14	16 58	15 8			n.a.
T 23	22 29	10 38	4 41	15 15	4 12	23 23	1 16	15 52	0 33	18 42	0 12	24 9	0 44	18 4	0 47	13 14	1 38	12 19	15 47	17 14	16 59	15 5			n.a.
W24	22 20	16 12	5 6	15 17	4 16	23 12	1 17	16 4	0 32	18 42	0 12	24 10	0 44	18 5	0 47	13 15	1 38	12 19	15 47	17 14	17 0	15 2			n.a.
T 25	22 12	20 51	5 15	15 22	4 20	23 0	1 18	16 15	0 31	18 42	0 11	24 10	0 44	18 5	0 47	13 15	1 38	12 20	15 48	17 15	17 1	14 59			n.a.
F 26	22 2	24 25	5 7	15 29	4 22	22 48	1 19	16 27	0 31	18 42	0 11	24 11	0 44	18 6	0 47	13 16	1 38	12 20	15 48	17 15	17 2	14 56			n.a.
S 27	21 53	26 42	4 45	15 39	4 22	22 35	1 20	16 38	0 30	18 42	0 11	24 11	0 44	18 7	0 47	13 16	1 38	12 20	15 48	17 16	17 3	14 54			n.a.
S 28	21 43	27 38	4 9	15 52	4 21	22 21	1 21	16 49	0 29	18 42	0 11	24 11	0 44	18 7	0 47	13 17	1 38	12 21	15 49	17 17	17 3	14 51			n.a.
M29	21 33	27 10	3 22	16 7	4 18	22 6	1 21	17 0	0 28	18 42	0 11	24 12	0 45	18 8	0 47	13 17	1 38	12 21	15 49	17 18	17 4	14 48			n.a.
T 30	21 22	25 24	2 27	16 25	4 12	21 51	1 22	17 11	0 27	18 42	0 10	24 12	0 45	18 9	0 47	13 18	1 38	12 21	15 49	17 18	17 5	14 45			n.a.
W31	21n11	22n31	1n25	16n44	4s 5	21n35	1n23	17n22	0s27	18s42	0n10	24s13	0s45	18s 9	0s47	13s18	1s38	12s22	15s49	17s19	17s 6	14n42			n.a.

Julian Day Number = 1319464.5, Delta T = 07h34m14s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°16'01, Lahiri = -19°09'01 Julian Calendar 1 July 1101 BCE == Greg. Calendar 21 June 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

AUGUST 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 50	27♋33'23	8♌47	27°R51	2♌20	19♉45	23♏10	9°R38	12°R14	29°R38	5°R13	12°D33	13♒14	19♌34	n.a.	T 1
F 2	20 1 47	28°31'46	20°34	26♋52	3°35	20°20	23°11	9♑34	12♒12	29♒36	5♈13	12♒33	13°11	19°41	n.a.	F 2
S 3	20 5 43	29°30'11	2♍21	25°56	4°50	20°56	23°11	9°30	12° 9	29°35	5°12	12°33	13° 7	19°48	n.a.	S 3
S 4	20 9 40	0♌28'39	14° 9	25° 3	6° 5	21°31	23°12	9°26	12° 7	29°34	5°12	12°35	13° 4	19°54	n.a.	S 4
M 5	20 13 36	1°27'08	26° 2	24°15	7°19	22° 6	23°13	9°22	12° 5	29°32	5°11	12°36	13° 1	20° 1	n.a.	M 5
T 6	20 17 33	2°25'39	8♎ 4	23°32	8°34	22°42	23°14	9°18	12° 2	29°31	5°11	12°37	12°58	20° 8	n.a.	T 6
W 7	20 21 29	3°24'11	20°19	22°57	9°49	23°17	23°15	9°14	12° 0	29°29	5°10	12°37	12°55	20°14	n.a.	W 7
T 8	20 25 26	4°22'46	2♏52	22°30	11° 4	23°51	23°17	9°10	11°57	29°28	5°10	12°R38	12°51	20°21	n.a.	T 8
F 9	20 29 23	5°21'22	15°46	22°11	12°18	24°26	23°18	9° 6	11°55	29°26	5°10	12°37	12°48	20°28	n.a.	F 9
S 10	20 33 19	6°20'00	29° 5	22°D 2	13°33	25° 1	23°20	9° 2	11°53	29°25	5° 9	12°37	12°45	20°34	n.a.	S 10
S 11	20 37 16	7°18'40	12♐51	22° 2	14°48	25°35	23°22	8°58	11°50	29°23	5° 9	12°36	12°42	20°41	n.a.	S 11
M12	20 41 12	8°17'22	27° 4	22°12	16° 3	26° 9	23°24	8°55	11°48	29°22	5° 8	12°36	12°39	20°47	n.a.	M12
T 13	20 45 9	9°16'06	11♑42	22°31	17°18	26°43	23°27	8°51	11°45	29°20	5° 7	12°36	12°36	20°54	n.a.	T 13
W14	20 49 5	10°14'52	26°40	22°59	18°32	27°17	23°29	8°48	11°43	29°19	5° 7	12°35	12°32	21° 1	n.a.	W14
T 15	20 53 2	11°13'40	11♒49	23°37	19°47	27°51	23°32	8°44	11°41	29°17	5° 6	12°D35	12°29	21° 7	n.a.	T 15
F 16	20 56 58	12°12'30	27° 2	24°23	21° 2	28°25	23°35	8°41	11°38	29°16	5° 6	12°R35	12°26	21°14	n.a.	F 16
S 17	21 0 55	13°11'22	12♓ 7	25°18	22°17	28°58	23°38	8°37	11°36	29°14	5° 5	12°35	12°23	21°21	n.a.	S 17
S 18	21 4 52	14°10'16	26°58	26°20	23°32	29°32	23°41	8°34	11°33	29°12	5° 4	12°35	12°20	21°27	n.a.	S 18
M19	21 8 48	15° 9'13	11♈27	27°29	24°47	0♊ 5	23°45	8°31	11°31	29°11	5° 4	12°35	12°17	21°34	n.a.	M19
T 20	21 12 45	16° 8'12	25°31	28°44	26° 1	0°38	23°49	8°28	11°29	29° 9	5° 3	12°35	12°13	21°41	n.a.	T 20
W21	21 16 41	17° 7'14	9♉ 8	0♌ 4	27°16	1°11	23°53	8°25	11°26	29° 8	5° 2	12°34	12°10	21°47	n.a.	W21
T 22	21 20 38	18° 6'18	22°21	1°30	28°31	1°44	23°57	8°22	11°24	29° 6	5° 2	12°D34	12° 7	21°54	n.a.	T 22
F 23	21 24 34	19° 5'25	5♊11	2°59	29°46	2°16	24° 1	8°19	11°21	29° 4	5° 1	12°35	12° 4	22° 1	n.a.	F 23
S 24	21 28 31	20° 4'34	17°42	4°33	1♍ 1	2°49	24° 5	8°16	11°19	29° 3	5° 0	12°35	12° 1	22° 7	n.a.	S 24
S 25	21 32 27	21° 3'45	29°58	6° 9	2°16	3°21	24°10	8°13	11°17	29° 1	4°59	12°36	11°57	22°14	n.a.	S 25
M26	21 36 24	22° 2'59	12♋ 1	7°48	3°31	3°53	24°14	8°11	11°14	28°59	4°59	12°37	11°54	22°21	n.a.	M26
T 27	21 40 21	23° 2'16	23°57	9°29	4°46	4°25	24°19	8° 8	11°12	28°58	4°58	12°38	11°51	22°27	n.a.	T 27
W28	21 44 17	24° 1'34	5♌47	11°12	6° 1	4°56	24°24	8° 6	11°10	28°56	4°57	12°38	11°48	22°34	n.a.	W28
T 29	21 48 14	25° 0'55	17°34	12°56	7°15	5°28	24°30	8° 3	11° 7	28°54	4°56	12°R38	11°45	22°40	n.a.	T 29
F 30	21 52 10	26° 0'18	29°21	14°40	8°30	5°59	24°35	8° 1	11° 5	28°53	4°55	12°38	11°42	22°47	n.a.	F 30
S 31	21 56 7	26♌59'44	11♍11	16♌26	9♍45	6♊30	24♏41	7♑59	11♒ 3	28♒51	4♈55	12♒36	11♒38	22♌54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n59	18n42	0n21	17n 5	3s56	21n18	1n23	17n33	0s26	18s42	0n10	24s13	0s45	18s10	0s48	13s19	1s38	12s22	15s50	17s19	17s 7	14n39			n.a.
F 2	20 47	14 10	0s44	17 27	3 44	21 1	1 24	17 43	0 25	18 43	0 10	24 13	0 45	18 11	0 48	13 19	1 38	12 22	15 50	17 19	17 8	14 36			n.a.
S 3	20 35	9 8	1 48	17 51	3 31	20 43	1 24	17 54	0 24	18 43	0 10	24 14	0 45	18 11	0 48	13 20	1 38	12 23	15 50	17 19	17 9	14 33			n.a.
S 4	20 22	3 47	2 47	18 15	3 17	20 25	1 24	18 4	0 23	18 43	0 10	24 14	0 45	18 12	0 48	13 20	1 38	12 23	15 51	17 18	17 10	14 30			n.a.
M 5	20 10	1s44	3 39	18 39	3 1	20 6	1 25	18 14	0 22	18 44	0 9	24 14	0 45	18 13	0 48	13 21	1 38	12 24	15 51	17 18	17 11	14 27			n.a.
T 6	19 56	7 15	4 22	19 3	2 44	19 46	1 25	18 24	0 21	18 44	0 9	24 15	0 45	18 13	0 48	13 21	1 38	12 24	15 51	17 18	17 12	14 24			n.a.
W 7	19 43	12 35	4 54	19 27	2 26	19 26	1 25	18 34	0 21	18 44	0 9	24 15	0 45	18 14	0 48	13 22	1 38	12 25	15 51	17 18	17 13	14 21			n.a.
T 8	19 29	17 33	5 13	19 49	2 7	19 6	1 25	18 43	0 20	18 45	0 9	24 15	0 45	18 15	0 48	13 23	1 38	12 25	15 52	17 18	17 14	14 18			n.a.
F 9	19 14	21 52	5 17	20 11	1 48	18 44	1 25	18 53	0 19	18 46	0 9	24 16	0 45	18 15	0 48	13 23	1 38	12 25	15 52	17 18	17 14	14 15			n.a.
S 10	19 0	25 14	5 5	20 31	1 29	18 23	1 25	19 2	0 18	18 46	0 9	24 16	0 45	18 16	0 48	13 24	1 38	12 26	15 52	17 18	17 15	14 12			n.a.
S 11	18 45	27 15	4 35	20 50	1 11	18 0	1 25	19 12	0 17	18 47	0 8	24 16	0 45	18 17	0 48	13 24	1 38	12 26	15 52	17 18	17 16	14 9			n.a.
M12	18 29	27 35	3 47	21 6	0 52	17 38	1 25	19 21	0 16	18 48	0 8	24 17	0 45	18 17	0 48	13 25	1 38	12 27	15 53	17 18	17 17	14 6			n.a.
T 13	18 14	26 1	2 43	21 21	0 34	17 14	1 24	19 30	0 15	18 48	0 8	24 17	0 45	18 18	0 48	13 25	1 38	12 27	15 53	17 18	17 18	14 3			n.a.
W14	17 58	22 36	1 27	21 33	0 17	16 51	1 24	19 39	0 14	18 49	0 8	24 17	0 45	18 19	0 48	13 26	1 38	12 28	15 53	17 18	17 19	14 0			n.a.
T 15	17 41	17 35	0 4	21 42	0 1	16 26	1 24	19 47	0 13	18 50	0 8	24 17	0 46	18 19	0 48	13 27	1 39	12 28	15 53	17 18	17 20	13 57			n.a.
F 16	17 25	11 28	1n19	21 49	0n14	16 2	1 23	19 56	0 12	18 51	0 8	24 18	0 46	18 20	0 48	13 27	1 39	12 29	15 54	17 18	17 21	13 54			n.a.
S 17	17 8	4 43	2 37	21 53	0 28	15 37	1 23	20 4	0 11	18 52	0 7	24 18	0 46	18 21	0 48	13 28	1 39	12 29	15 54	17 18	17 22	13 51			n.a.
S 18	16 51	2n10	3 43	21 54	0 42	15 11	1 22	20 13	0 10	18 53	0 7	24 18	0 46	18 21	0 48	13 28	1 39	12 29	15 54	17 18	17 23	13 48			n.a.
M19	16 33	8 46	4 32	21 53	0 54	14 45	1 21	20 21	0 9	18 54	0 7	24 19	0 46	18 22	0 48	13 29	1 39	12 30	15 54	17 18	17 24	13 45			n.a.
T 20	16 15	14 43	5 4	21 48	1 4	14 19	1 21	20 29	0 8	18 55	0 7	24 19	0 46	18 23	0 48	13 29	1 39	12 30	15 55	17 18	17 24	13 42			n.a.
W21	15 57	19 46	5 17	21 40	1 14	13 52	1 20	20 37	0 7	18 56	0 7	24 19	0 46	18 23	0 48	13 30	1 39	12 31	15 55	17 18	17 25	13 39			n.a.
T 22	15 39	23 41	5 13	21 29	1 23	13 25	1 19	20 45	0 6	18 57	0 7	24 19	0 46	18 24	0 48	13 31	1 39	12 31	15 55	17 18	17 26	13 36			n.a.
F 23	15 20	26 19	4 54	21 16	1 30	12 57	1 18	20 52	0 5	18 59	0 6	24 19	0 46	18 25	0 48	13 31	1 39	12 32	15 55	17 18	17 27	13 33			n.a.
S 24	15 2	27 34	4 20	20 59	1 36	12 29	1 17	21 0	0 4	19 0	0 6	24 20	0 46	18 25	0 48	13 32	1 39	12 32	15 56	17 18	17 28	13 30			n.a.
S 25	14 42	27 25	3 36	20 40	1 41	12 1	1 16	21 7	0 3	19 1	0 6	24 20	0 46	18 26	0 48	13 32	1 39	12 33	15 56	17 18	17 29	13 27			n.a.
M26	14 23	25 58	2 42	20 19	1 46	11 33	1 15	21 14	0 2	19 2	0 6	24 20	0 46	18 27	0 48	13 33	1 39	12 33	15 56	17 18	17 30	13 24			n.a.
T 27	14 4	23 20	1 42	19 55	1 49	11 4	1 14	21 21	0 1	19 4	0 6	24 20	0 46	18 27	0 48	13 34	1 39	12 34	15 56	17 17	17 31	13 21			n.a.
W28	13 44	19 45	0 38	19 29	1 52	10 35	1 13	21 28	0n 0	19 5	0 6	24 20	0 46	18 28	0 48	13 34	1 39	12 34	15 56	17 17	17 32	13 18			n.a.
T 29	13 24	15 23	0s27	19 1	1 53	10 5	1 12	21 35	0 1	19 7	0 6	24 21	0 46	18 29	0 48	13 35	1 39	12 35	15 57	17 17	17 33	13 15			n.a.
F 30	13 3	10 28	1 31	18 31	1 54	9 36	1 10	21 42	0 3	19 8	0 5	24 21	0 46	18 29	0 48	13 36	1 39	12 35	15 57	17 17	17 33	13 12			n.a.
S 31	12n43	5n 9	2s32	17n59	1n54	9n 6	1n 9	21n48	0n 4	19s10	0n 5	24s21	0s46	18s30	0s48	13s36	1s39	12s36	15s57	17s18	17s34	13n 9			n.a.

Julian Day Number = 1319495.5, Delta T = 07h34m13s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°15'57, Lahiri = -19°08'56 Julian Calendar 1 Aug. 1101 BCE == Greg. Calendar 22 July 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

SEPTEMBER 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 3	27♌59'11	23♍ 4	18♌12	11♍ 0	7♊ 1	24♏46	7°R57	11°R 0	28°R49	4°R54	12°R34	11♒35	23♌ 0	n.a.	S 1
M 2	22 4 0	28°58'40	5♎ 3	19°58	12°15	7°31	24°52	7♑55	10♒58	28♒48	4♈53	12♒32	11°32	23° 7	n.a.	M 2
T 3	22 7 56	29°58'12	17°11	21°44	13°30	8° 2	24°58	7°53	10°56	28°46	4°52	12°29	11°29	23°14	n.a.	T 3
W 4	22 11 53	0♍57'45	29°31	23°29	14°45	8°32	25° 5	7°51	10°54	28°44	4°51	12°27	11°26	23°20	n.a.	W 4
T 5	22 15 49	1°57'20	12♏ 5	25°15	16° 0	9° 2	25°11	7°49	10°52	28°43	4°50	12°25	11°23	23°27	n.a.	T 5
F 6	22 19 46	2°56'58	24°56	27° 0	17°15	9°31	25°18	7°48	10°49	28°41	4°49	12°24	11°19	23°34	n.a.	F 6
S 7	22 23 43	3°56'37	8♐ 8	28°45	18°30	10° 1	25°24	7°46	10°47	28°39	4°48	12°D23	11°16	23°40	n.a.	S 7
S 8	22 27 39	4°56'18	21°42	0♍30	19°45	10°30	25°31	7°45	10°45	28°38	4°47	12°24	11°13	23°47	n.a.	S 8
M 9	22 31 36	5°56'01	5♑42	2°14	21° 0	10°59	25°38	7°43	10°43	28°36	4°46	12°26	11°10	23°54	n.a.	M 9
T 10	22 35 32	6°55'46	20° 6	3°57	22°14	11°28	25°45	7°42	10°41	28°34	4°45	12°27	11° 7	24° 0	n.a.	T 10
W11	22 39 29	7°55'33	4♒51	5°40	23°29	11°57	25°53	7°41	10°39	28°33	4°44	12°R28	11° 3	24° 7	n.a.	W11
T 12	22 43 25	8°55'21	19°54	7°22	24°44	12°25	26° 0	7°40	10°37	28°31	4°43	12°28	11° 0	24°14	n.a.	T 12
F 13	22 47 22	9°55'12	5♓ 5	9° 4	25°59	12°53	26° 8	7°39	10°35	28°29	4°42	12°27	10°57	24°20	n.a.	F 13
S 14	22 51 18	10°55'04	20°16	10°45	27°14	13°21	26°16	7°38	10°33	28°28	4°41	12°24	10°54	24°27	n.a.	S 14
S 15	22 55 15	11°54'59	5♈16	12°25	28°29	13°48	26°23	7°37	10°31	28°26	4°40	12°20	10°51	24°34	n.a.	S 15
M16	22 59 11	12°54'56	19°57	14° 5	29°44	14°16	26°31	7°37	10°29	28°24	4°39	12°15	10°48	24°40	n.a.	M16
T 17	23 3 8	13°54'55	4♉13	15°44	0♎59	14°43	26°40	7°36	10°27	28°23	4°38	12°11	10°44	24°47	n.a.	T 17
W18	23 7 5	14°54'57	18° 1	17°23	2°14	15° 9	26°48	7°36	10°25	28°21	4°37	12° 7	10°41	24°53	n.a.	W18
T 19	23 11 1	15°55'00	1♊20	19° 1	3°28	15°36	26°56	7°35	10°23	28°20	4°36	12° 5	10°38	25° 0	n.a.	T 19
F 20	23 14 58	16°55'07	14°13	20°39	4°43	16° 2	27° 5	7°35	10°21	28°18	4°35	12°D 4	10°35	25° 7	n.a.	F 20
S 21	23 18 54	17°55'15	26°43	22°16	5°58	16°28	27°14	7°35	10°20	28°17	4°34	12° 4	10°32	25°13	n.a.	S 21
S 22	23 22 51	18°55'26	8♋55	23°52	7°13	16°54	27°23	7°D35	10°18	28°15	4°33	12° 5	10°29	25°20	n.a.	S 22
M23	23 26 47	19°55'39	20°53	25°28	8°28	17°19	27°31	7°35	10°16	28°13	4°32	12° 7	10°25	25°27	n.a.	M23
T 24	23 30 44	20°55'54	2♌44	27° 4	9°43	17°44	27°41	7°35	10°15	28°12	4°31	12° 8	10°22	25°33	n.a.	T 24
W25	23 34 40	21°56'11	14°31	28°39	10°58	18° 8	27°50	7°36	10°13	28°10	4°30	12°R 9	10°19	25°40	n.a.	W25
T 26	23 38 37	22°56'30	26°17	0♎14	12°12	18°33	27°59	7°36	10°11	28° 9	4°28	12° 8	10°16	25°47	n.a.	T 26
F 27	23 42 34	23°56'52	8♍ 7	1°48	13°27	18°57	28° 9	7°37	10°10	28° 7	4°27	12° 4	10°13	25°53	n.a.	F 27
S 28	23 46 30	24°57'15	20° 2	3°22	14°42	19°20	28°18	7°37	10° 8	28° 6	4°26	11°59	10° 9	26° 0	n.a.	S 28
S 29	23 50 27	25°57'40	2♎ 4	4°55	15°57	19°44	28°28	7°38	10° 7	28° 5	4°25	11°52	10° 6	26° 7	n.a.	S 29
M30	23 54 23	26♍58'07	14♎16	6♎28	17♎12	20♊ 7	28♏38	7♑39	10♒ 5	28♒ 3	4♈24	11♒43	10♒ 3	26♌13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n22	0s20	3s26	17n25	1n54	8n36	1n 7	21n55	0n 5	19s11	0n 5	24s21	0s46	18s31	0s48	13s37	1s39	12s36	15s57	17s18	17s35	13n 6		n.a.
M 2	12 1	5 52	4 11	16 50	1 52	8 5	1 6	22 1	0 6	19 13	0 5	24 21	0 46	18 31	0 48	13 37	1 39	12 37	15 57	17 19	17 36	13 3		n.a.
T 3	11 40	11 14	4 46	16 14	1 51	7 35	1 4	22 7	0 7	19 14	0 5	24 21	0 46	18 32	0 48	13 38	1 39	12 37	15 57	17 20	17 37	13 0		n.a.
W 4	11 18	16 15	5 8	15 37	1 48	7 4	1 3	22 13	0 8	19 16	0 5	24 22	0 46	18 32	0 48	13 39	1 39	12 38	15 58	17 21	17 38	12 57		n.a.
T 5	10 57	20 42	5 16	14 58	1 46	6 33	1 1	22 19	0 10	19 18	0 5	24 22	0 46	18 33	0 48	13 39	1 39	12 38	15 58	17 21	17 39	12 54		n.a.
F 6	10 35	24 17	5 8	14 19	1 43	6 2	0 59	22 25	0 11	19 20	0 4	24 22	0 46	18 34	0 47	13 40	1 39	12 39	15 58	17 22	17 40	12 51		n.a.
S 7	10 13	26 42	4 44	13 38	1 39	5 30	0 58	22 31	0 12	19 21	0 4	24 22	0 46	18 34	0 47	13 40	1 39	12 40	15 58	17 22	17 41	12 48		n.a.
S 8	9 51	27 38	4 4	12 57	1 35	4 59	0 56	22 36	0 13	19 23	0 4	24 22	0 46	18 35	0 47	13 41	1 39	12 40	15 58	17 21	17 41	12 45		n.a.
M 9	9 29	26 51	3 9	12 16	1 31	4 27	0 54	22 42	0 15	19 25	0 4	24 22	0 46	18 35	0 47	13 41	1 39	12 41	15 58	17 21	17 42	12 42		n.a.
T 10	9 7	24 17	2 0	11 33	1 26	3 55	0 52	22 47	0 16	19 27	0 4	24 22	0 46	18 36	0 47	13 42	1 39	12 41	15 59	17 21	17 43	12 39		n.a.
W11	8 44	20 2	0 42	10 50	1 21	3 24	0 50	22 52	0 17	19 29	0 4	24 22	0 46	18 37	0 47	13 43	1 39	12 42	15 59	17 20	17 44	12 36		n.a.
T 12	8 21	14 26	0n41	10 7	1 16	2 52	0 48	22 57	0 18	19 31	0 4	24 22	0 46	18 37	0 47	13 43	1 39	12 42	15 59	17 20	17 45	12 33		n.a.
F 13	7 58	7 55	2 1	9 24	1 11	2 20	0 46	23 2	0 20	19 33	0 3	24 22	0 46	18 38	0 47	13 44	1 39	12 43	15 59	17 21	17 46	12 30		n.a.
S 14	7 35	0 58	3 13	8 40	1 5	1 47	0 44	23 7	0 21	19 35	0 3	24 22	0 46	18 38	0 47	13 44	1 39	12 43	15 59	17 21	17 47	12 27		n.a.
S 15	7 12	5n56	4 10	7 56	1 0	1 15	0 42	23 12	0 22	19 37	0 3	24 23	0 46	18 39	0 47	13 45	1 39	12 44	15 59	17 23	17 48	12 24		n.a.
M16	6 49	12 23	4 50	7 11	0 54	0 43	0 40	23 17	0 24	19 39	0 3	24 23	0 46	18 39	0 47	13 46	1 39	12 44	15 59	17 24	17 49	12 21		n.a.
T 17	6 26	17 59	5 10	6 27	0 48	0 11	0 38	23 21	0 25	19 41	0 3	24 23	0 46	18 40	0 47	13 46	1 39	12 45	15 59	17 25	17 49	12 18		n.a.
W18	6 2	22 27	5 11	5 42	0 42	0s21	0 35	23 26	0 27	19 43	0 3	24 23	0 46	18 40	0 47	13 47	1 39	12 45	15 59	17 26	17 50	12 15		n.a.
T 19	5 38	25 35	4 55	4 57	0 35	0 54	0 33	23 30	0 28	19 45	0 3	24 23	0 46	18 41	0 47	13 47	1 39	12 46	16 0	17 27	17 51	12 12		n.a.
F 20	5 15	27 16	4 25	4 13	0 29	1 26	0 31	23 34	0 29	19 47	0 2	24 23	0 46	18 41	0 47	13 48	1 39	12 46	16 0	17 27	17 52	12 9		n.a.
S 21	4 51	27 30	3 43	3 28	0 23	1 58	0 29	23 38	0 31	19 49	0 2	24 23	0 46	18 42	0 47	13 48	1 39	12 47	16 0	17 27	17 53	12 5		n.a.
S 22	4 27	26 22	2 51	2 43	0 16	2 31	0 26	23 42	0 32	19 51	0 2	24 23	0 46	18 42	0 47	13 49	1 39	12 47	16 0	17 27	17 54	12 2		n.a.
M23	4 3	24 2	1 53	1 59	0 10	3 3	0 24	23 46	0 34	19 54	0 2	24 23	0 46	18 43	0 47	13 49	1 39	12 48	16 0	17 26	17 55	11 59		n.a.
T 24	3 39	20 42	0 51	1 14	0 3	3 35	0 21	23 50	0 35	19 56	0 2	24 23	0 46	18 43	0 47	13 50	1 39	12 48	16 0	17 26	17 56	11 56		n.a.
W25	3 15	16 32	0s13	0 30	0s 3	4 7	0 19	23 54	0 37	19 58	0 2	24 23	0 46	18 43	0 47	13 50	1 39	12 49	16 0	17 26	17 56	11 53		n.a.
T 26	2 51	11 46	1 16	0s15	0 10	4 39	0 16	23 58	0 38	20 0	0 2	24 23	0 46	18 44	0 47	13 51	1 39	12 49	16 0	17 26	17 57	11 50		n.a.
F 27	2 26	6 34	2 16	0 59	0 17	5 11	0 14	24 1	0 40	20 3	0 2	24 23	0 46	18 44	0 47	13 51	1 39	12 50	16 0	17 27	17 58	11 47		n.a.
S 28	2 2	1 6	3 11	1 43	0 23	5 43	0 11	24 5	0 41	20 5	0 1	24 23	0 46	18 45	0 47	13 52	1 39	12 50	16 0	17 29	17 59	11 44		n.a.
S 29	1 38	4s27	3 57	2 26	0 30	6 14	0 9	24 8	0 43	20 7	0 1	24 23	0 46	18 45	0 47	13 52	1 39	12 50	16 0	17 31	18 0	11 41		n.a.
M30	1n13	9s54	4s33	3s10	0s36	6s46	0n 6	24n12	0n45	20s10	0n 1	24s23	0s46	18s45	0s47	13s53	1s39	12s51	16s 0	17s33	18s 1	11n38		n.a.

Julian Day Number = 1319526.5, Delta T = 07h34m11s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°15'53, Lahiri = -19°08'52 Julian Calendar 1 Sept. 1101 BCE == Greg. Calendar 22 Aug. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

OCTOBER 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 20	27♍58'35	26♎37	8♎ 1	18♎27	20♊29	28♏48	7♑40	10°R 4	28°R 2	4°R23	11°R34	10♒ 0	26♌20	n.a.	T 1
W 2	0 2 16	28°59'05	9♏ 8	9°33	19°41	20°51	28°58	7°41	10♒ 3	28♒ 0	4♈22	11♒26	9°57	26°27	n.a.	W 2
T 3	0 6 13	29°59'37	21°52	11° 5	20°56	21°13	29° 8	7°42	10° 1	27°59	4°21	11°18	9°54	26°33	n.a.	T 3
F 4	0 10 9	1♎ 0'11	4♐49	12°37	22°11	21°34	29°18	7°43	10° 0	27°58	4°19	11°13	9°50	26°40	n.a.	F 4
S 5	0 14 6	2° 0'46	18° 1	14° 8	23°26	21°55	29°29	7°44	9°59	27°56	4°18	11°10	9°47	26°47	n.a.	S 5
S 6	0 18 3	3° 1'22	1♑30	15°39	24°40	22°16	29°39	7°46	9°58	27°55	4°17	11°D 9	9°44	26°53	n.a.	S 6
M 7	0 21 59	4° 2'00	15°17	17°10	25°55	22°36	29°50	7°47	9°57	27°54	4°16	11° 9	9°41	27° 0	n.a.	M 7
T 8	0 25 56	5° 2'39	29°23	18°40	27°10	22°56	0♐ 0	7°49	9°56	27°52	4°15	11°10	9°38	27° 6	n.a.	T 8
W 9	0 29 52	6° 3'19	13♒48	20°10	28°25	23°15	0°11	7°51	9°54	27°51	4°14	11°R11	9°34	27°13	n.a.	W 9
T 10	0 33 49	7° 4'01	28°30	21°39	29°39	23°34	0°22	7°53	9°53	27°50	4°13	11° 9	9°31	27°20	n.a.	T 10
F 11	0 37 45	8° 4'44	13♓23	23° 8	0♏54	23°53	0°33	7°54	9°53	27°49	4°11	11° 6	9°28	27°26	n.a.	F 11
S 12	0 41 42	9° 5'28	28°21	24°37	2° 9	24°11	0°44	7°57	9°52	27°48	4°10	10°59	9°25	27°33	n.a.	S 12
S 13	0 45 38	10° 6'14	13♈14	26° 5	3°23	24°28	0°55	7°59	9°51	27°46	4° 9	10°51	9°22	27°40	n.a.	S 13
M14	0 49 35	11° 7'01	27°54	27°33	4°38	24°45	1° 7	8° 1	9°50	27°45	4° 8	10°41	9°19	27°46	n.a.	M14
T 15	0 53 31	12° 7'50	12♉13	29° 0	5°53	25° 2	1°18	8° 3	9°49	27°44	4° 7	10°31	9°15	27°53	n.a.	T 15
W16	0 57 28	13° 8'40	26° 6	0♏27	7° 7	25°18	1°30	8° 6	9°48	27°43	4° 6	10°22	9°12	28° 0	n.a.	W16
T 17	1 1 25	14° 9'32	9♊31	1°52	8°22	25°33	1°41	8° 8	9°48	27°42	4° 5	10°15	9° 9	28° 6	n.a.	T 17
F 18	1 5 21	15°10'26	22°29	3°18	9°37	25°48	1°53	8°11	9°47	27°41	4° 4	10°10	9° 6	28°13	n.a.	F 18
S 19	1 9 18	16°11'21	5♋ 3	4°42	10°51	26° 3	2° 5	8°14	9°47	27°40	4° 3	10° 7	9° 3	28°20	n.a.	S 19
S 20	1 13 14	17°12'18	17°16	6° 5	12° 6	26°17	2°16	8°16	9°46	27°39	4° 1	10°D 6	9° 0	28°26	n.a.	S 20
M21	1 17 11	18°13'16	29°15	7°28	13°20	26°30	2°28	8°19	9°46	27°38	4° 0	10° 7	8°56	28°33	n.a.	M21
T 22	1 21 7	19°14'16	11♌ 5	8°49	14°35	26°43	2°40	8°22	9°45	27°37	3°59	10°R 7	8°53	28°40	n.a.	T 22
W23	1 25 4	20°15'17	22°52	10° 8	15°49	26°55	2°52	8°26	9°45	27°36	3°58	10° 6	8°50	28°46	n.a.	W23
T 24	1 29 1	21°16'19	4♍40	11°26	17° 4	27° 7	3° 5	8°29	9°45	27°36	3°57	10° 3	8°47	28°53	n.a.	T 24
F 25	1 32 57	22°17'23	16°33	12°42	18°19	27°18	3°17	8°32	9°44	27°35	3°56	9°58	8°44	29° 0	n.a.	F 25
S 26	1 36 54	23°18'28	28°35	13°56	19°33	27°29	3°29	8°35	9°44	27°34	3°55	9°49	8°40	29° 6	n.a.	S 26
S 27	1 40 50	24°19'34	10♎49	15° 7	20°48	27°39	3°41	8°39	9°44	27°33	3°54	9°38	8°37	29°13	n.a.	S 27
M28	1 44 47	25°20'41	23°15	16°15	22° 2	27°48	3°54	8°43	9°44	27°32	3°53	9°25	8°34	29°20	n.a.	M28
T 29	1 48 43	26°21'49	5♏54	17°20	23°16	27°56	4° 6	8°46	9°44	27°32	3°52	9°11	8°31	29°26	n.a.	T 29
W30	1 52 40	27°22'58	18°45	18°22	24°31	28° 4	4°19	8°50	9°D44	27°31	3°51	8°57	8°28	29°33	n.a.	W30
T 31	1 56 36	28♎24'08	1♐48	19♏18	25♏45	28♊11	4♐32	8♑54	9♒44	27♒30	3♈50	8♒46	8♒25	29♌40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	0n49	15s 2	4s57	3s53	0s43	7s17	0n 4	24n15	0n46	20s12	0n 1	24s22	0s46	18s46	0s47	13s53	1s39	12s51	16s 0	17s36	18s 2	11n35		n.a.	T 1
W 2	0 25	19 37	5 7	4 36	0 49	7 48	0 1	24 18	0 48	20 14	0 1	24 22	0 46	18 46	0 47	13 54	1 39	12 52	16 0	17 38	18 3	11 32		n.a.	W 2
T 3	0 0	23 23	5 2	5 18	0 56	8 19	0s 1	24 21	0 50	20 17	0 1	24 22	0 46	18 46	0 47	13 54	1 39	12 52	16 0	17 40	18 3	11 29		n.a.	T 3
F 4	0s24	26 4	4 42	6 1	1 2	8 50	0 4	24 25	0 51	20 19	0 1	24 22	0 46	18 47	0 47	13 55	1 39	12 53	16 0	17 41	18 4	11 26		n.a.	F 4
S 5	0 49	27 22	4 7	6 42	1 8	9 21	0 7	24 28	0 53	20 21	0 1	24 22	0 46	18 47	0 47	13 55	1 38	12 53	16 0	17 42	18 5	11 22		n.a.	S 5
S 6	1 13	27 6	3 17	7 24	1 14	9 51	0 9	24 31	0 55	20 24	0 0	24 22	0 46	18 47	0 47	13 56	1 38	12 54	16 0	17 43	18 6	11 19		n.a.	S 6
M 7	1 38	25 10	2 15	8 5	1 20	10 21	0 12	24 33	0 57	20 26	0 0	24 22	0 46	18 48	0 47	13 56	1 38	12 54	16 0	17 43	18 7	11 16		n.a.	M 7
T 8	2 2	21 38	1 3	8 45	1 26	10 51	0 14	24 36	0 58	20 29	0 0	24 22	0 46	18 48	0 47	13 57	1 38	12 55	16 0	17 42	18 8	11 13		n.a.	T 8
W 9	2 27	16 44	0n14	9 25	1 32	11 21	0 17	24 39	1 0	20 31	0 0	24 22	0 46	18 48	0 47	13 57	1 38	12 55	16 0	17 42	18 9	11 10		n.a.	W 9
T 10	2 51	10 45	1 32	10 4	1 37	11 50	0 20	24 42	1 2	20 34	0s 0	24 22	0 46	18 48	0 47	13 57	1 38	12 55	16 0	17 43	18 9	11 7		n.a.	T 10
F 11	3 15	4 7	2 44	10 43	1 42	12 19	0 22	24 45	1 4	20 36	0 0	24 22	0 46	18 49	0 47	13 58	1 38	12 56	16 0	17 44	18 10	11 4		n.a.	F 11
S 12	3 40	2n45	3 45	11 21	1 48	12 48	0 25	24 48	1 6	20 38	0 0	24 22	0 46	18 49	0 47	13 58	1 38	12 56	16 0	17 45	18 11	11 1		n.a.	S 12
S 13	4 4	9 26	4 30	11 59	1 53	13 17	0 28	24 50	1 8	20 41	0 0	24 21	0 46	18 49	0 47	13 58	1 38	12 57	16 0	17 48	18 12	10 58		n.a.	S 13
M14	4 28	15 30	4 57	12 35	1 57	13 45	0 30	24 53	1 10	20 43	0 1	24 21	0 46	18 49	0 47	13 59	1 38	12 57	16 0	17 50	18 13	10 55		n.a.	M14
T 15	4 52	20 34	5 4	13 11	2 2	14 13	0 33	24 55	1 12	20 46	0 1	24 21	0 46	18 49	0 47	13 59	1 38	12 57	16 0	17 53	18 14	10 52		n.a.	T 15
W16	5 16	24 20	4 53	13 46	2 6	14 40	0 35	24 58	1 14	20 48	0 1	24 21	0 46	18 49	0 46	14 0	1 38	12 58	16 0	17 56	18 15	10 48		n.a.	W16
T 17	5 40	26 37	4 26	14 21	2 10	15 7	0 38	25 1	1 16	20 51	0 1	24 21	0 46	18 50	0 46	14 0	1 38	12 58	16 0	17 58	18 15	10 45		n.a.	T 17
F 18	6 4	27 22	3 46	14 54	2 13	15 34	0 41	25 3	1 18	20 53	0 1	24 21	0 46	18 50	0 46	14 0	1 38	12 58	16 0	17 59	18 16	10 42		n.a.	F 18
S 19	6 28	26 39	2 56	15 26	2 17	16 0	0 43	25 6	1 20	20 56	0 1	24 20	0 46	18 50	0 46	14 1	1 38	12 59	15 59	18 0	18 17	10 39		n.a.	S 19
S 20	6 52	24 39	1 59	15 57	2 19	16 26	0 46	25 8	1 22	20 58	0 1	24 20	0 46	18 50	0 46	14 1	1 38	12 59	15 59	18 0	18 18	10 36		n.a.	S 20
M21	7 15	21 35	0 58	16 27	2 22	16 52	0 48	25 11	1 24	21 1	0 1	24 20	0 46	18 50	0 46	14 1	1 38	13 0	15 59	18 0	18 19	10 33		n.a.	M21
T 22	7 39	17 39	0s 5	16 56	2 24	17 17	0 51	25 13	1 26	21 3	0 1	24 20	0 47	18 50	0 46	14 1	1 38	13 0	15 59	18 0	18 20	10 30		n.a.	T 22
W23	8 2	13 3	1 7	17 23	2 25	17 41	0 53	25 16	1 28	21 6	0 2	24 20	0 47	18 50	0 46	14 2	1 38	13 0	15 59	18 0	18 21	10 27		n.a.	W23
T 24	8 26	8 0	2 7	17 49	2 26	18 6	0 56	25 18	1 30	21 8	0 2	24 19	0 47	18 50	0 46	14 2	1 38	13 1	15 59	18 1	18 21	10 24		n.a.	T 24
F 25	8 49	2 37	3 1	18 13	2 27	18 29	0 58	25 20	1 32	21 11	0 2	24 19	0 47	18 50	0 46	14 2	1 38	13 1	15 59	18 2	18 22	10 20		n.a.	F 25
S 26	9 12	2s54	3 47	18 36	2 26	18 52	1 0	25 23	1 35	21 13	0 2	24 19	0 47	18 50	0 46	14 2	1 38	13 1	15 59	18 5	18 23	10 17		n.a.	S 26
S 27	9 35	8 23	4 24	18 57	2 25	19 15	1 3	25 25	1 37	21 16	0 2	24 19	0 47	18 50	0 46	14 3	1 38	13 1	15 58	18 8	18 24	10 14		n.a.	S 27
M28	9 58	13 38	4 49	19 16	2 24	19 37	1 5	25 28	1 39	21 18	0 2	24 19	0 47	18 50	0 46	14 3	1 38	13 2	15 58	18 11	18 25	10 11		n.a.	M28
T 29	10 20	18 24	5 0	19 32	2 21	19 59	1 7	25 30	1 42	21 21	0 2	24 18	0 47	18 50	0 46	14 3	1 38	13 2	15 58	18 15	18 26	10 8		n.a.	T 29
W30	10 42	22 25	4 56	19 46	2 18	20 20	1 10	25 33	1 44	21 23	0 2	24 18	0 47	18 50	0 46	14 3	1 38	13 2	15 58	18 19	18 26	10 5		n.a.	W30
T 31	11s 5	25s22	4s37	19s58	2s13	20s40	1s12	25n35	1n46	21s26	0s 2	24s18	0s47	18s50	0s46	14s 3	1s38	13s 3	15s58	18s22	18s27	10n 2		n.a.	T 31

Julian Day Number = 1319556.5, Delta T = 07h34m09s
Ecliptic obliquity = 23°49'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°15'49, Lahiri = -19°08'48 Julian Calendar 1 Oct. 1101 BCE == Greg. Calendar 21 Sept. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

NOVEMBER 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 0 33	29♎25'19	15♐ 2	20♏10	27♏ 0	28♊18	4♐44	8♑58	9♒44	27°R30	3°R49	8°R36	8♒21	29♌46	n.a.	F 1
S 2	2 4 30	0♏26'30	28°26	20°56	28°14	28°24	4°57	9° 2	9°44	27♒29	3♈48	8♒30	8°18	29°53	n.a.	S 2
S 3	2 8 26	1°27'42	12♑ 1	21°35	29°29	28°29	5°10	9° 6	9°44	27°29	3°47	8°27	8°15	29°59	n.a.	S 3
M 4	2 12 23	2°28'54	25°47	22° 7	0♐43	28°33	5°23	9°10	9°44	27°28	3°46	8°26	8°12	0♍ 6	n.a.	M 4
T 5	2 16 19	3°30'07	9♒43	22°31	1°57	28°37	5°36	9°14	9°45	27°28	3°45	8°26	8° 9	0°13	n.a.	T 5
W 6	2 20 16	4°31'20	23°52	22°45	3°12	28°40	5°49	9°19	9°45	27°27	3°44	8°26	8° 5	0°19	n.a.	W 6
T 7	2 24 12	5°32'33	8♓11	22°R50	4°26	28°42	6° 2	9°23	9°46	27°27	3°43	8°23	8° 2	0°26	n.a.	T 7
F 8	2 28 9	6°33'47	22°38	22°44	5°40	28°43	6°15	9°28	9°46	27°27	3°42	8°18	7°59	0°33	n.a.	F 8
S 9	2 32 5	7°35'00	7♈10	22°27	6°54	28°R44	6°28	9°32	9°46	27°26	3°41	8°11	7°56	0°39	n.a.	S 9
S 10	2 36 2	8°36'14	21°40	21°58	8° 9	28°44	6°42	9°37	9°47	27°26	3°40	8° 0	7°53	0°46	n.a.	S 10
M11	2 39 59	9°37'29	6♉ 2	21°17	9°23	28°43	6°55	9°42	9°48	27°26	3°39	7°48	7°50	0°53	n.a.	M11
T 12	2 43 55	10°38'44	20° 8	20°25	10°37	28°41	7° 8	9°47	9°48	27°25	3°38	7°35	7°46	0°59	n.a.	T 12
W13	2 47 52	11°39'59	3♊54	19°23	11°51	28°39	7°22	9°51	9°49	27°25	3°37	7°23	7°43	1° 6	n.a.	W13
T 14	2 51 48	12°41'15	17°17	18°13	13° 5	28°36	7°35	9°56	9°50	27°25	3°37	7°13	7°40	1°13	n.a.	T 14
F 15	2 55 45	13°42'32	0♋16	16°56	14°19	28°32	7°49	10° 1	9°51	27°25	3°36	7° 5	7°37	1°19	n.a.	F 15
S 16	2 59 41	14°43'49	12°51	15°35	15°33	28°27	8° 2	10° 7	9°51	27°25	3°35	7° 1	7°34	1°26	n.a.	S 16
S 17	3 3 38	15°45'06	25° 8	14°12	16°47	28°21	8°16	10°12	9°52	27°25	3°34	6°59	7°31	1°33	n.a.	S 17
M18	3 7 35	16°46'24	7♌ 9	12°52	18° 1	28°14	8°29	10°17	9°53	27°D25	3°33	6°D58	7°27	1°39	n.a.	M18
T 19	3 11 31	17°47'42	19° 1	11°35	19°15	28° 7	8°43	10°22	9°54	27°25	3°32	6°R58	7°24	1°46	n.a.	T 19
W20	3 15 28	18°49'00	0♍49	10°24	20°29	27°59	8°57	10°28	9°55	27°25	3°32	6°58	7°21	1°53	n.a.	W20
T 21	3 19 24	19°50'19	12°38	9°22	21°43	27°50	9°10	10°33	9°57	27°25	3°31	6°56	7°18	1°59	n.a.	T 21
F 22	3 23 21	20°51'38	24°34	8°28	22°57	27°40	9°24	10°39	9°58	27°25	3°30	6°51	7°15	2° 6	n.a.	F 22
S 23	3 27 17	21°52'57	6♎41	7°45	24°11	27°29	9°38	10°44	9°59	27°25	3°29	6°43	7°11	2°13	n.a.	S 23
S 24	3 31 14	22°54'17	19° 3	7°13	25°25	27°18	9°52	10°50	10° 0	27°25	3°29	6°33	7° 8	2°19	n.a.	S 24
M25	3 35 10	23°55'36	1♏41	6°51	26°38	27° 6	10° 5	10°56	10° 2	27°26	3°28	6°21	7° 5	2°26	n.a.	M25
T 26	3 39 7	24°56'55	14°37	6°38	27°52	26°53	10°19	11° 2	10° 3	27°26	3°27	6° 8	7° 2	2°33	n.a.	T 26
W27	3 43 4	25°58'15	27°49	6°D36	29° 6	26°39	10°33	11° 7	10° 4	27°26	3°27	5°55	6°59	2°39	n.a.	W27
T 28	3 47 0	26°59'34	11♐16	6°42	0♑19	26°24	10°47	11°13	10° 6	27°26	3°26	5°44	6°56	2°46	n.a.	T 28
F 29	3 50 57	28° 0'53	24°55	6°57	1°33	26° 9	11° 1	11°19	10° 7	27°27	3°26	5°35	6°52	2°53	n.a.	F 29
S 30	3 54 53	29♏ 2'11	8♑43	7♏19	2♑47	25♊53	11♐15	11♑25	10♒ 9	27♒27	3♈25	5♒30	6♒49	2♍59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s27	26s59	4s 3	20s 7	2s 8	21s 0	1s14	25n38	1n49	21s28	0s 3	24s18	0s47	18s50	0s46	14s 4	1s38	13s 3	15s58	18s24	18s28	9n59		n.a.
S 2	11 49	27 4	3 15	20 14	2 1	21 20	1 16	25 40	1 51	21 31	0 3	24 17	0 47	18 50	0 46	14 4	1 38	13 3	15 58	18 26	18 29	9 55		n.a.
S 3	12 10	25 31	2 15	20 17	1 53	21 38	1 18	25 43	1 54	21 33	0 3	24 17	0 47	18 50	0 46	14 4	1 37	13 3	15 57	18 27	18 30	9 52		n.a.
M 4	12 32	22 25	1 6	20 16	1 44	21 56	1 20	25 45	1 56	21 36	0 3	24 17	0 47	18 50	0 46	14 4	1 37	13 4	15 57	18 27	18 31	9 49		n.a.
T 5	12 53	18 0	0n 7	20 12	1 34	22 14	1 22	25 48	1 59	21 38	0 3	24 16	0 47	18 50	0 46	14 4	1 37	13 4	15 57	18 27	18 31	9 46		n.a.
W 6	13 14	12 31	1 21	20 5	1 22	22 31	1 24	25 50	2 1	21 41	0 3	24 16	0 47	18 50	0 46	14 4	1 37	13 4	15 57	18 27	18 32	9 43		n.a.
T 7	13 35	6 19	2 30	19 53	1 8	22 47	1 26	25 53	2 4	21 43	0 3	24 16	0 47	18 50	0 46	14 4	1 37	13 4	15 57	18 28	18 33	9 40		n.a.
F 8	13 56	0n15	3 31	19 37	0 54	23 3	1 28	25 55	2 6	21 45	0 3	24 16	0 47	18 49	0 46	14 4	1 37	13 4	15 56	18 29	18 34	9 37		n.a.
S 9	14 16	6 49	4 18	19 17	0 37	23 18	1 30	25 58	2 9	21 48	0 3	24 15	0 47	18 49	0 46	14 5	1 37	13 5	15 56	18 31	18 35	9 33		n.a.
S 10	14 36	13 1	4 48	18 52	0 19	23 32	1 32	26 1	2 11	21 50	0 4	24 15	0 47	18 49	0 46	14 5	1 37	13 5	15 56	18 34	18 36	9 30		n.a.
M11	14 56	18 27	5 0	18 23	0 1	23 45	1 33	26 3	2 14	21 53	0 4	24 15	0 47	18 49	0 46	14 5	1 37	13 5	15 56	18 37	18 36	9 27		n.a.
T 12	15 15	22 45	4 53	17 50	0n19	23 58	1 35	26 6	2 17	21 55	0 4	24 14	0 47	18 49	0 45	14 5	1 37	13 5	15 56	18 40	18 37	9 24		n.a.
W13	15 35	25 40	4 29	17 14	0 39	24 10	1 37	26 9	2 19	21 57	0 4	24 14	0 47	18 48	0 45	14 5	1 37	13 5	15 55	18 43	18 38	9 21		n.a.
T 14	15 54	27 2	3 51	16 34	1 0	24 22	1 38	26 11	2 22	22 0	0 4	24 13	0 47	18 48	0 45	14 5	1 37	13 5	15 55	18 46	18 39	9 18		n.a.
F 15	16 13	26 51	3 1	15 53	1 20	24 32	1 40	26 14	2 25	22 2	0 4	24 13	0 47	18 48	0 45	14 5	1 37	13 5	15 55	18 48	18 40	9 15		n.a.
S 16	16 31	25 15	2 4	15 12	1 39	24 42	1 41	26 16	2 27	22 4	0 4	24 13	0 47	18 48	0 45	14 5	1 37	13 5	15 55	18 49	18 41	9 11		n.a.
S 17	16 49	22 29	1 2	14 30	1 57	24 51	1 42	26 19	2 30	22 7	0 4	24 12	0 47	18 47	0 45	14 5	1 37	13 6	15 54	18 50	18 41	9 8		n.a.
M18	17 7	18 46	0s 1	13 50	2 13	25 0	1 44	26 22	2 33	22 9	0 4	24 12	0 47	18 47	0 45	14 5	1 37	13 6	15 54	18 50	18 42	9 5		n.a.
T 19	17 25	14 22	1 3	13 13	2 27	25 7	1 45	26 24	2 35	22 11	0 5	24 11	0 47	18 47	0 45	14 5	1 37	13 6	15 54	18 50	18 43	9 2		n.a.
W20	17 42	9 27	2 3	12 40	2 39	25 14	1 46	26 27	2 38	22 13	0 5	24 11	0 47	18 46	0 45	14 5	1 37	13 6	15 54	18 50	18 44	8 59		n.a.
T 21	17 59	4 12	2 57	12 11	2 49	25 21	1 47	26 29	2 41	22 16	0 5	24 11	0 47	18 46	0 45	14 5	1 37	13 6	15 53	18 50	18 45	8 56		n.a.
F 22	18 16	1s14	3 44	11 47	2 56	25 26	1 48	26 32	2 44	22 18	0 5	24 10	0 47	18 46	0 45	14 4	1 37	13 6	15 53	18 52	18 46	8 53		n.a.
S 23	18 32	6 41	4 22	11 28	3 1	25 31	1 49	26 34	2 46	22 20	0 5	24 10	0 47	18 45	0 45	14 4	1 37	13 6	15 53	18 54	18 46	8 49		n.a.
S 24	18 48	12 0	4 48	11 15	3 4	25 34	1 50	26 37	2 49	22 22	0 5	24 9	0 47	18 45	0 45	14 4	1 36	13 6	15 53	18 56	18 47	8 46		n.a.
M25	19 3	16 56	5 0	11 6	3 5	25 37	1 50	26 39	2 52	22 25	0 5	24 9	0 47	18 45	0 45	14 4	1 36	13 6	15 52	18 59	18 48	8 43		n.a.
T 26	19 19	21 13	4 58	11 3	3 5	25 40	1 51	26 42	2 54	22 27	0 5	24 8	0 47	18 44	0 45	14 4	1 36	13 6	15 52	19 3	18 49	8 40		n.a.
W27	19 34	24 32	4 40	11 4	3 3	25 41	1 52	26 44	2 57	22 29	0 5	24 8	0 47	18 44	0 45	14 4	1 36	13 6	15 52	19 6	18 50	8 37		n.a.
T 28	19 48	26 33	4 6	11 9	3 0	25 42	1 52	26 46	3 0	22 31	0 6	24 7	0 47	18 43	0 45	14 4	1 36	13 6	15 51	19 9	18 50	8 34		n.a.
F 29	20 2	27 1	3 18	11 17	2 56	25 42	1 53	26 48	3 2	22 33	0 6	24 7	0 47	18 43	0 45	14 3	1 36	13 6	15 51	19 11	18 51	8 30		n.a.
S 30	20s16	25s49	2s17	11s29	2n51	25s41	1s53	26n50	3n 5	22s35	0s 6	24s 6	0s47	18s42	0s45	14s 3	1s36	13s 6	15s51	19s12	18s52	8n27		n.a.

Julian Day Number = 1319587.5, Delta T = 07h34m08s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°15'44, Lahiri = -19°08'44 Julian Calendar 1 Nov. 1101 BCE == Greg. Calendar 22 Oct. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1101 BCE
geocentric

DECEMBER 1101 BCE (-1100) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 50	0♐ 3'29	22♉38	7♏47	4♉ 0	25°R36	11♐29	11♉31	10♒10	27♒28	3°R24	5°R27	6♒46	3♍ 6	n.a.	S 1
M 2	4 2 46	1° 4'46	6♒37	8°22	5°14	25♊18	11°43	11°37	10°12	27°28	3♈24	5°D26	6°43	3°13	n.a.	M 2
T 3	4 6 43	2° 6'02	20°40	9° 3	6°27	25° 0	11°57	11°44	10°14	27°29	3°23	5♒27	6°40	3°19	n.a.	T 3
W 4	4 10 40	3° 7'18	4♓44	9°48	7°40	24°41	12°11	11°50	10°15	27°29	3°23	5°R27	6°37	3°26	n.a.	W 4
T 5	4 14 36	4° 8'32	18°51	10°38	8°54	24°22	12°25	11°56	10°17	27°30	3°22	5°26	6°33	3°33	n.a.	T 5
F 6	4 18 33	5° 9'46	2♈58	11°32	10° 7	24° 2	12°39	12° 2	10°19	27°30	3°22	5°23	6°30	3°39	n.a.	F 6
S 7	4 22 29	6°10'59	17° 4	12°29	11°20	23°41	12°54	12° 9	10°21	27°31	3°21	5°17	6°27	3°46	n.a.	S 7
S 8	4 26 26	7°12'11	1♉ 5	13°30	12°33	23°20	13° 8	12°15	10°23	27°32	3°21	5° 9	6°24	3°53	n.a.	S 8
M 9	4 30 22	8°13'22	14°58	14°34	13°47	22°59	13°22	12°22	10°25	27°32	3°21	4°59	6°21	3°59	n.a.	M 9
T 10	4 34 19	9°14'33	28°39	15°40	15° 0	22°37	13°36	12°28	10°27	27°33	3°20	4°49	6°17	4° 6	n.a.	T 10
W11	4 38 15	10°15'42	12♊ 6	16°48	16°13	22°14	13°50	12°35	10°29	27°34	3°20	4°40	6°14	4°13	n.a.	W11
T 12	4 42 12	11°16'51	25°14	17°59	17°26	21°52	14° 4	12°41	10°31	27°35	3°19	4°32	6°11	4°19	n.a.	T 12
F 13	4 46 9	12°17'59	8♋ 4	19°11	18°38	21°29	14°18	12°48	10°33	27°35	3°19	4°26	6° 8	4°26	n.a.	F 13
S 14	4 50 5	13°19'07	20°35	20°25	19°51	21° 5	14°33	12°55	10°35	27°36	3°19	4°23	6° 5	4°33	n.a.	S 14
S 15	4 54 2	14°20'13	2♌50	21°41	21° 4	20°42	14°47	13° 1	10°37	27°37	3°19	4°D22	6° 2	4°39	n.a.	S 15
M16	4 57 58	15°21'19	14°52	22°58	22°17	20°18	15° 1	13° 8	10°40	27°38	3°18	4°22	5°58	4°46	n.a.	M16
T 17	5 1 55	16°22'24	26°45	24°17	23°29	19°54	15°15	13°15	10°42	27°39	3°18	4°23	5°55	4°53	n.a.	T 17
W18	5 5 51	17°23'29	8♍34	25°37	24°42	19°30	15°29	13°22	10°44	27°40	3°18	4°25	5°52	4°59	n.a.	W18
T 19	5 9 48	18°24'32	20°24	26°58	25°54	19° 6	15°43	13°29	10°47	27°41	3°18	4°R25	5°49	5° 6	n.a.	T 19
F 20	5 13 44	19°25'35	2♎21	28°20	27° 6	18°42	15°58	13°36	10°49	27°42	3°17	4°24	5°46	5°13	n.a.	F 20
S 21	5 17 41	20°26'36	14°29	29°43	28°19	18°18	16°12	13°43	10°51	27°43	3°17	4°21	5°43	5°19	n.a.	S 21
S 22	5 21 38	21°27'37	26°53	1♐ 7	29°31	17°54	16°26	13°49	10°54	27°44	3°17	4°16	5°39	5°26	n.a.	S 22
M23	5 25 34	22°28'37	9♏36	2°32	0♒43	17°30	16°40	13°56	10°56	27°46	3°17	4°10	5°36	5°33	n.a.	M23
T 24	5 29 31	23°29'36	22°41	3°58	1°55	17° 6	16°54	14° 3	10°59	27°47	3°17	4° 3	5°33	5°39	n.a.	T 24
W25	5 33 27	24°30'34	6♐ 7	5°25	3° 7	16°43	17° 8	14°11	11° 1	27°48	3°17	3°55	5°30	5°46	n.a.	W25
T 26	5 37 24	25°31'31	19°54	6°53	4°19	16°20	17°22	14°18	11° 4	27°49	3°17	3°49	5°27	5°53	n.a.	T 26
F 27	5 41 20	26°32'27	3♑57	8°21	5°31	15°57	17°37	14°25	11° 7	27°50	3°D17	3°44	5°23	5°59	n.a.	F 27
S 28	5 45 17	27°33'21	18°13	9°51	6°43	15°34	17°51	14°32	11° 9	27°52	3°17	3°41	5°20	6° 6	n.a.	S 28
S 29	5 49 14	28°34'13	2♒35	11°21	7°54	15°12	18° 5	14°39	11°12	27°53	3°17	3°D40	5°17	6°13	n.a.	S 29
M30	5 53 10	29°35'04	17° 0	12°52	9° 6	14°51	18°19	14°46	11°15	27°54	3°17	3°41	5°14	6°19	n.a.	M30
T 31	5 57 7	0♑35'53	1♓23	14♐24	10♒17	14♊30	18♐33	14♑53	11♒18	27♒56	3♈17	3♒42	5♒11	6♍26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s29	23s 0	1s 8	11s44	2n45	25s39	1s53	26n52	3n 7	22s37	0s 6	24s 6	0s47	18s42	0s45	14s 3	1s36	13s 6	15s51	19s13	18s53	8n24			n.a.
M 2	20 42	18 49	0n 6	12 2	2 38	25 37	1 54	26 54	3 10	22 39	0 6	24 5	0 47	18 41	0 45	14 3	1 36	13 6	15 50	19 13	18 54	8 21			n.a.
T 3	20 55	13 34	1 20	12 21	2 31	25 34	1 54	26 56	3 12	22 41	0 6	24 5	0 47	18 41	0 45	14 3	1 36	13 6	15 50	19 13	18 55	8 18			n.a.
W 4	21 7	7 37	2 30	12 43	2 24	25 30	1 54	26 58	3 15	22 43	0 6	24 4	0 47	18 40	0 45	14 2	1 36	13 6	15 50	19 13	18 55	8 15			n.a.
T 5	21 19	1 16	3 30	13 6	2 16	25 25	1 54	26 59	3 17	22 45	0 6	24 4	0 47	18 40	0 45	14 2	1 36	13 6	15 49	19 13	18 56	8 12			n.a.
F 6	21 30	5n 8	4 18	13 30	2 8	25 19	1 53	27 1	3 19	22 47	0 6	24 3	0 47	18 39	0 45	14 2	1 36	13 6	15 49	19 14	18 57	8 8			n.a.
S 7	21 41	11 15	4 50	13 56	2 0	25 13	1 53	27 2	3 22	22 49	0 6	24 3	0 47	18 39	0 45	14 2	1 36	13 5	15 49	19 15	18 58	8 5			n.a.
S 8	21 52	16 46	5 4	14 22	1 52	25 6	1 53	27 3	3 24	22 51	0 7	24 2	0 47	18 38	0 45	14 1	1 36	13 5	15 48	19 17	18 59	8 2			n.a.
M 9	22 2	21 21	5 0	14 49	1 43	24 58	1 53	27 4	3 26	22 53	0 7	24 2	0 47	18 38	0 45	14 1	1 36	13 5	15 48	19 20	18 59	7 59			n.a.
T 10	22 12	24 43	4 39	15 17	1 35	24 49	1 52	27 5	3 28	22 55	0 7	24 1	0 47	18 37	0 45	14 1	1 36	13 5	15 48	19 22	19 0	7 56			n.a.
W11	22 21	26 37	4 3	15 45	1 26	24 40	1 51	27 5	3 30	22 57	0 7	24 0	0 47	18 36	0 45	14 0	1 36	13 5	15 47	19 24	19 1	7 52			n.a.
T 12	22 30	26 58	3 14	16 13	1 18	24 30	1 51	27 6	3 32	22 59	0 7	24 0	0 47	18 36	0 44	14 0	1 36	13 5	15 47	19 26	19 2	7 49			n.a.
F 13	22 38	25 51	2 17	16 42	1 9	24 19	1 50	27 6	3 34	23 0	0 7	23 59	0 47	18 35	0 44	14 0	1 36	13 5	15 47	19 28	19 3	7 46			n.a.
S 14	22 46	23 26	1 14	17 10	1 1	24 8	1 49	27 6	3 36	23 2	0 7	23 59	0 47	18 35	0 44	13 59	1 36	13 4	15 46	19 29	19 3	7 43			n.a.
S 15	22 53	19 58	0 8	17 38	0 52	23 56	1 48	27 6	3 37	23 4	0 7	23 58	0 47	18 34	0 44	13 59	1 36	13 4	15 46	19 29	19 4	7 40			n.a.
M16	23 0	15 44	0s56	18 6	0 44	23 43	1 47	27 6	3 39	23 6	0 7	23 57	0 48	18 33	0 44	13 59	1 35	13 4	15 46	19 29	19 5	7 37			n.a.
T 17	23 7	10 57	1 58	18 34	0 36	23 29	1 46	27 6	3 40	23 7	0 8	23 57	0 48	18 33	0 44	13 58	1 35	13 4	15 45	19 28	19 6	7 33			n.a.
W18	23 13	5 48	2 54	19 2	0 27	23 15	1 45	27 5	3 42	23 9	0 8	23 56	0 48	18 32	0 44	13 58	1 35	13 4	15 45	19 28	19 7	7 30			n.a.
T 19	23 19	0 27	3 43	19 29	0 19	23 0	1 44	27 5	3 43	23 11	0 8	23 55	0 48	18 31	0 44	13 58	1 35	13 3	15 45	19 28	19 7	7 27			n.a.
F 20	23 24	4s57	4 23	19 56	0 11	22 45	1 42	27 4	3 44	23 12	0 8	23 55	0 48	18 31	0 44	13 57	1 35	13 3	15 44	19 28	19 8	7 24			n.a.
S 21	23 29	10 15	4 51	20 22	0 3	22 29	1 41	27 3	3 46	23 14	0 8	23 54	0 48	18 30	0 44	13 57	1 35	13 3	15 44	19 29	19 9	7 21			n.a.
S 22	23 33	15 17	5 7	20 47	0s 4	22 12	1 39	27 2	3 47	23 15	0 8	23 53	0 48	18 29	0 44	13 56	1 35	13 3	15 44	19 30	19 10	7 18			n.a.
M23	23 37	19 47	5 8	21 12	0 12	21 54	1 37	27 0	3 48	23 17	0 8	23 53	0 48	18 29	0 44	13 56	1 35	13 2	15 43	19 32	19 11	7 14			n.a.
T 24	23 40	23 28	4 53	21 36	0 19	21 36	1 36	26 59	3 49	23 19	0 8	23 52	0 48	18 28	0 44	13 55	1 35	13 2	15 43	19 33	19 11	7 11			n.a.
W25	23 43	25 59	4 22	21 59	0 26	21 18	1 34	26 57	3 49	23 20	0 8	23 51	0 48	18 27	0 44	13 55	1 35	13 2	15 43	19 35	19 12	7 8			n.a.
T 26	23 45	27 1	3 36	22 21	0 33	20 59	1 32	26 55	3 50	23 22	0 9	23 50	0 48	18 26	0 44	13 54	1 35	13 1	15 42	19 37	19 13	7 5			n.a.
F 27	23 47	26 21	2 35	22 43	0 40	20 39	1 30	26 54	3 51	23 23	0 9	23 50	0 48	18 26	0 44	13 54	1 35	13 1	15 42	19 38	19 14	7 2			n.a.
S 28	23 48	23 57	1 23	23 3	0 47	20 19	1 28	26 52	3 51	23 24	0 9	23 49	0 48	18 25	0 44	13 53	1 35	13 1	15 42	19 38	19 14	6 58			n.a.
S 29	23 49	20 0	0 6	23 23	0 53	19 58	1 26	26 49	3 51	23 26	0 9	23 48	0 48	18 24	0 44	13 53	1 35	13 0	15 41	19 39	19 15	6 55			n.a.
M30	23 50	14 51	1n12	23 41	0 59	19 36	1 23	26 47	3 52	23 27	0 9	23 47	0 48	18 23	0 44	13 52	1 35	13 0	15 41	19 39	19 16	6 52			n.a.
T 31	23s50	8s54	2n26	23s59	1s 5	19s15	1s21	26n45	3n52	23s29	0s 9	23s47	0s48	18s22	0s44	13s52	1s35	13s 0	15s41	19s38	19s17	6n49			n.a.

Julian Day Number = 1319617.5, Delta T = 07h34m06s
Ecliptic obliquity = 23°49'39, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°15'40, Lahiri = -19°08'40 Julian Calendar 1 Dec. 1101 BCE == Greg. Calendar 21 Nov. 1101 BCE

The year -1100 astronomical counting style corresponds to year 1101 B.C.E historical counting style.

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