Astrodienst Ephemeris Tables

from the year 1200 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

JANUARY 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 6	0♉54'07	7♉51	5♐13	22♏49	21♓23	21°R 6	12°R23	9♐31	22°R 5	0♐39	19♊48	19♊23	17♉ 8	n.a.	T 1
F 2	6 2 3	1°54'50	19°40	6°16	24° 1	21°57	20♋59	12♍23	9°34	22♋ 3	0°41	19°50	19°19	17°14	n.a.	F 2
S 3	6 5 59	2°55'31	1♊30	7°22	25°14	22°32	20°51	12°23	9°38	22° 2	0°43	19°51	19°16	17°21	n.a.	S 3
S 4	6 9 56	3°56'10	13°27	8°29	26°26	23° 7	20°44	12°23	9°41	22° 0	0°45	19°51	19°13	17°28	n.a.	S 4
M 5	6 13 53	4°56'48	25°32	9°39	27°39	23°42	20°37	12°22	9°44	21°59	0°47	19°R51	19°10	17°34	n.a.	M 5
T 6	6 17 49	5°57'24	7♋48	10°50	28°52	24°16	20°30	12°22	9°48	21°57	0°49	19°51	19° 7	17°41	n.a.	T 6
W 7	6 21 46	6°57'59	20°15	12° 4	0♐ 4	24°51	20°22	12°21	9°51	21°56	0°50	19°49	19° 3	17°48	n.a.	W 7
T 8	6 25 42	7°58'32	2♌54	13°19	1°17	25°26	20°15	12°21	9°54	21°54	0°52	19°46	19° 0	17°54	n.a.	T 8
F 9	6 29 39	8°59'03	15°47	14°36	2°30	26° 1	20° 7	12°20	9°57	21°52	0°54	19°44	18°57	18° 1	n.a.	F 9
S 10	6 33 35	9°59'32	28°53	15°54	3°42	26°37	19°59	12°19	10° 1	21°51	0°56	19°41	18°54	18° 8	n.a.	S 10
S 11	6 37 32	11° 0'00	12♍13	17°13	4°55	27°12	19°52	12°18	10° 4	21°49	0°57	19°38	18°51	18°14	n.a.	S 11
M12	6 41 28	12° 0'27	25°47	18°34	6° 8	27°47	19°44	12°17	10° 7	21°48	0°59	19°36	18°48	18°21	n.a.	M12
T 13	6 45 25	13° 0'51	9♎35	19°56	7°21	28°22	19°36	12°16	10°10	21°46	1° 1	19°D35	18°44	18°28	n.a.	T 13
W14	6 49 22	14° 1'15	23°37	21°20	8°33	28°58	19°28	12°15	10°13	21°44	1° 2	19°35	18°41	18°34	n.a.	W14
T 15	6 53 18	15° 1'36	7♏51	22°45	9°46	29°33	19°21	12°13	10°16	21°43	1° 4	19°36	18°38	18°41	n.a.	T 15
F 16	6 57 15	16° 1'57	22°16	24°11	10°59	0♈ 8	19°13	12°12	10°19	21°41	1° 6	19°38	18°35	18°48	n.a.	F 16
S 17	7 1 11	17° 2'15	6♐48	25°38	12°12	0°44	19° 5	12°10	10°22	21°39	1° 7	19°39	18°32	18°54	n.a.	S 17
S 18	7 5 8	18° 2'32	21°24	27° 6	13°25	1°19	18°57	12° 9	10°25	21°38	1° 9	19°R40	18°29	19° 1	n.a.	S 18
M19	7 9 4	19° 2'48	5♉57	28°35	14°38	1°55	18°49	12° 7	10°28	21°36	1°10	19°39	18°25	19° 8	n.a.	M19
T 20	7 13 1	20° 3'01	20°22	0♉ 6	15°51	2°31	18°41	12° 5	10°31	21°34	1°12	19°36	18°22	19°14	n.a.	T 20
W21	7 16 57	21° 3'12	4♒32	1°37	17° 4	3° 6	18°33	12° 3	10°34	21°33	1°13	19°32	18°19	19°21	n.a.	W21
T 22	7 20 54	22° 3'22	18°23	3°10	18°17	3°42	18°25	12° 1	10°37	21°31	1°15	19°27	18°16	19°28	n.a.	T 22
F 23	7 24 51	23° 3'29	1♓52	4°43	19°30	4°18	18°18	11°59	10°40	21°29	1°16	19°22	18°13	19°34	n.a.	F 23
S 24	7 28 47	24° 3'33	14°57	6°18	20°43	4°53	18°10	11°57	10°43	21°28	1°18	19°16	18° 9	19°41	n.a.	S 24
S 25	7 32 44	25° 3'36	27°40	7°54	21°56	5°29	18° 2	11°54	10°46	21°26	1°19	19°12	18° 6	19°48	n.a.	S 25
M26	7 36 40	26° 3'36	10♈ 3	9°31	23° 9	6° 5	17°54	11°52	10°48	21°24	1°20	19° 9	18° 3	19°54	n.a.	M26
T 27	7 40 37	27° 3'34	22°10	11° 9	24°22	6°41	17°47	11°49	10°51	21°23	1°22	19°D 7	18° 0	20° 1	n.a.	T 27
W28	7 44 33	28° 3'29	4♉ 6	12°48	25°35	7°17	17°39	11°47	10°54	21°21	1°23	19° 7	17°57	20° 7	n.a.	W28
T 29	7 48 30	29° 3'22	15°56	14°28	26°48	7°53	17°31	11°44	10°56	21°19	1°24	19° 9	17°54	20°14	n.a.	T 29
F 30	7 52 26	0♒ 3'13	27°45	16°10	28° 1	8°29	17°24	11°41	10°59	21°18	1°26	19°10	17°50	20°21	n.a.	F 30
S 31	7 56 23	1♒ 3'02	9♊37	17♉52	29♐14	9♈ 5	17♋16	11♍39	11♐ 2	21♋16	1♐27	19♊12	17♊47	20♉27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s50	11n 1	3s33	20s26	1n 7	17s11	1n40	3s18	0n11	23n16	1n 8	9n22	2n33	22s23	0s 8	22n31	0n32	18s22	2n19	23n26	23n24	14n36			n.a.
F 2	23 49	15 23	2 40	20 47	0 57	17 31	1 37	3 3	0 12	23 18	1 8	9 23	2 33	22 23	0 8	22 32	0 32	18 22	2 19	23 26	23 24	14 38			n.a.
S 3	23 48	19 10	1 40	21 7	0 48	17 52	1 34	2 49	0 13	23 19	1 9	9 23	2 34	22 24	0 8	22 32	0 32	18 23	2 19	23 26	23 24	14 41			n.a.
S 4	23 47	22 12	0 35	21 27	0 38	18 12	1 32	2 34	0 14	23 20	1 9	9 23	2 34	22 24	0 8	22 32	0 32	18 23	2 19	23 27	23 23	14 43			n.a.
M 5	23 45	24 17	0n31	21 47	0 29	18 31	1 29	2 19	0 15	23 22	1 9	9 24	2 34	22 25	0 8	22 32	0 32	18 24	2 19	23 27	23 23	14 46			n.a.
T 6	23 42	25 14	1 38	22 7	0 20	18 50	1 26	2 4	0 16	23 23	1 9	9 24	2 34	22 25	0 8	22 33	0 32	18 24	2 19	23 26	23 23	14 49			n.a.
W 7	23 39	24 55	2 40	22 26	0 11	19 9	1 23	1 49	0 17	23 24	1 9	9 25	2 35	22 26	0 8	22 33	0 32	18 24	2 19	23 26	23 23	14 51			n.a.
T 8	23 36	23 20	3 36	22 44	0 2	19 27	1 20	1 34	0 18	23 26	1 9	9 25	2 35	22 27	0 8	22 33	0 32	18 25	2 19	23 26	23 22	14 54			n.a.
F 9	23 32	20 31	4 22	23 2	0s 6	19 45	1 17	1 19	0 19	23 27	1 10	9 26	2 35	22 27	0 8	22 34	0 32	18 25	2 18	23 26	23 22	14 56			n.a.
S 10	23 27	16 38	4 55	23 19	0 14	20 2	1 14	1 4	0 20	23 28	1 10	9 26	2 35	22 27	0 8	22 34	0 32	18 26	2 18	23 26	23 22	14 59			n.a.
S 11	23 22	11 53	5 12	23 35	0 22	20 18	1 11	0 49	0 21	23 30	1 10	9 27	2 36	22 28	0 8	22 34	0 32	18 26	2 18	23 25	23 22	15 2			n.a.
M12	23 17	6 29	5 13	23 50	0 30	20 34	1 8	0 34	0 22	23 31	1 10	9 28	2 36	22 28	0 8	22 34	0 32	18 26	2 18	23 25	23 21	15 4			n.a.
T 13	23 11	0 40	4 56	24 4	0 38	20 49	1 5	0 19	0 22	23 32	1 10	9 28	2 36	22 29	0 8	22 35	0 32	18 27	2 18	23 25	23 21	15 7			n.a.
W14	23 5	5s17	4 21	24 18	0 45	21 4	1 2	0 4	0 23	23 34	1 10	9 29	2 37	22 29	0 8	22 35	0 32	18 27	2 18	23 25	23 21	15 9			n.a.
T 15	22 58	11 3	3 30	24 30	0 52	21 19	0 59	0n11	0 24	23 35	1 11	9 30	2 37	22 30	0 8	22 35	0 32	18 28	2 18	23 25	23 21	15 12			n.a.
F 16	22 51	16 18	2 25	24 41	0 59	21 32	0 56	0 26	0 25	23 36	1 11	9 31	2 37	22 30	0 8	22 35	0 32	18 28	2 18	23 26	23 20	15 14			n.a.
S 17	22 44	20 39	1 10	24 51	1 5	21 45	0 53	0 41	0 26	23 37	1 11	9 31	2 37	22 31	0 8	22 36	0 32	18 28	2 18	23 26	23 20	15 17			n.a.
S 18	22 36	23 43	0s10	25 0	1 11	21 58	0 50	0 56	0 27	23 39	1 11	9 32	2 38	22 31	0 8	22 36	0 32	18 29	2 18	23 26	23 20	15 20			n.a.
M19	22 28	25 10	1 28	25 7	1 17	22 10	0 47	1 11	0 27	23 40	1 11	9 33	2 38	22 32	0 8	22 36	0 32	18 29	2 18	23 26	23 19	15 22			n.a.
T 20	22 19	24 54	2 40	25 13	1 23	22 21	0 44	1 27	0 28	23 41	1 11	9 34	2 38	22 32	0 8	22 37	0 32	18 29	2 18	23 25	23 19	15 25			n.a.
W21	22 9	23 1	3 41	25 18	1 28	22 31	0 41	1 42	0 29	23 42	1 11	9 35	2 38	22 33	0 8	22 37	0 32	18 30	2 18	23 25	23 19	15 27			n.a.
T 22	22 0	19 48	4 28	25 21	1 33	22 41	0 37	1 57	0 30	23 43	1 11	9 36	2 39	22 33	0 8	22 37	0 32	18 30	2 18	23 25	23 19	15 30			n.a.
F 23	21 50	15 36	4 58	25 23	1 38	22 51	0 34	2 12	0 30	23 45	1 11	9 37	2 39	22 33	0 8	22 37	0 32	18 31	2 18	23 24	23 18	15 32			n.a.
S 24	21 39	10 47	5 11	25 23	1 42	22 59	0 31	2 27	0 31	23 46	1 12	9 38	2 39	22 34	0 9	22 38	0 33	18 31	2 18	23 24	23 18	15 35			n.a.
S 25	21 29	5 39	5 8	25 22	1 46	23 7	0 28	2 42	0 32	23 47	1 12	9 40	2 39	22 34	0 9	22 38	0 33	18 31	2 18	23 23	23 18	15 37			n.a.
M26	21 17	0 25	4 51	25 19	1 50	23 14	0 25	2 57	0 33	23 48	1 12	9 41	2 40	22 35	0 9	22 38	0 33	18 32	2 18	23 23	23 17	15 40			n.a.
T 27	21 6	4n44	4 22	25 14	1 53	23 21	0 22	3 12	0 33	23 49	1 12	9 42	2 40	22 35	0 9	22 39	0 33	18 32	2 18	23 23	23 17	15 43			n.a.
W28	20 54	9 38	3 41	25 8	1 56	23 27	0 19	3 27	0 34	23 50	1 12	9 43	2 40	22 36	0 9	22 39	0 33	18 32	2 18	23 23	23 17	15 45			n.a.
T 29	20 41	14 9	2 51	25 0	1 58	23 32	0 16	3 42	0 35	23 51	1 12	9 44	2 40	22 36	0 9	22 39	0 33	18 32	2 18	23 23	23 17	15 48			n.a.
F 30	20 29	18 8	1 54	24 50	2 0	23 37	0 13	3 57	0 35	23 52	1 12	9 46	2 41	22 36	0 9	22 39	0 33	18 33	2 18	23 23	23 16	15 50			n.a.
S 31	20s15	21n25	0s52	24s38	2s 2	23s40	0n10	4n12	0n36	23n54	1n12	9n47	2n41	22s37	0s 9	22n40	0n33	18s33	2n18	23n23	23n16	15n53			n.a.

Julian Day Number = 1283123.5, Delta T = 08h06m15s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'18, Lahiri = -20°31'18 Julian Calendar 1 Jan. 1200 BCE == Greg. Calendar 21 Dec. 1201 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

FEBRUARY 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 20	2♒ 2'48	21♊38	19♉36	0♉27	9♈41	17°R 9	11°R36	11♐ 4	21°R14	1♐28	19°R12	17♊44	20♉34	n.a.	S 1
M 2	8 4 16	3° 2'32	3♋51	21°20	1°40	10°17	17♋ 1	11♍33	11° 7	21♋13	1°29	19♊11	17°41	20°41	n.a.	M 2
T 3	8 8 13	4° 2'13	16°19	23° 6	2°53	10°53	16°54	11°30	11° 9	21°11	1°31	19° 8	17°38	20°47	n.a.	T 3
W 4	8 12 9	5° 1'53	29° 3	24°54	4° 6	11°29	16°47	11°27	11°12	21° 9	1°32	19° 2	17°35	20°54	n.a.	W 4
T 5	8 16 6	6° 1'30	12♌ 4	26°42	5°19	12° 5	16°40	11°23	11°14	21° 8	1°33	18°55	17°31	21° 1	n.a.	T 5
F 6	8 20 2	7° 1'05	25°21	28°32	6°32	12°42	16°33	11°20	11°16	21° 6	1°34	18°47	17°28	21° 7	n.a.	F 6
S 7	8 23 59	8° 0'38	8♍53	0♒22	7°45	13°18	16°26	11°17	11°19	21° 5	1°35	18°39	17°25	21°14	n.a.	S 7
S 8	8 27 55	9° 0'09	22°35	2°14	8°58	13°54	16°19	11°13	11°21	21° 3	1°36	18°31	17°22	21°21	n.a.	S 8
M 9	8 31 52	9°59'37	6♎28	4° 8	10°12	14°30	16°12	11°10	11°23	21° 2	1°37	18°25	17°19	21°27	n.a.	M 9
T 10	8 35 48	10°59'04	20°26	6° 2	11°25	15° 6	16° 6	11° 6	11°26	21° 0	1°38	18°20	17°15	21°34	n.a.	T 10
W11	8 39 45	11°58'29	4♏30	7°58	12°38	15°43	15°59	11° 3	11°28	20°58	1°39	18°19	17°12	21°41	n.a.	W11
T 12	8 43 42	12°57'52	18°37	9°54	13°51	16°19	15°53	10°59	11°30	20°57	1°40	18°D18	17° 9	21°47	n.a.	T 12
F 13	8 47 38	13°57'14	2♐46	11°52	15° 4	16°55	15°47	10°55	11°32	20°55	1°41	18°19	17° 6	21°54	n.a.	F 13
S 14	8 51 35	14°56'33	16°56	13°51	16°17	17°32	15°41	10°51	11°34	20°54	1°42	18°R20	17° 3	22° 1	n.a.	S 14
S 15	8 55 31	15°55'51	1♑ 5	15°51	17°30	18° 8	15°35	10°48	11°36	20°52	1°43	18°19	17° 0	22° 7	n.a.	S 15
M16	8 59 28	16°55'07	15°11	17°52	18°44	18°45	15°29	10°44	11°38	20°51	1°44	18°16	16°56	22°14	n.a.	M16
T 17	9 3 24	17°54'20	29°10	19°54	19°57	19°21	15°23	10°40	11°40	20°49	1°44	18°11	16°53	22°21	n.a.	T 17
W18	9 7 21	18°53'32	12♒59	21°56	21°10	19°57	15°17	10°36	11°42	20°48	1°45	18° 3	16°50	22°27	n.a.	W18
T 19	9 11 17	19°52'41	26°34	23°59	22°23	20°34	15°12	10°32	11°44	20°47	1°46	17°53	16°47	22°34	n.a.	T 19
F 20	9 15 14	20°51'48	9♓52	26° 2	23°36	21°10	15° 7	10°28	11°45	20°45	1°47	17°42	16°44	22°41	n.a.	F 20
S 21	9 19 11	21°50'52	22°51	28° 5	24°50	21°47	15° 2	10°23	11°47	20°44	1°47	17°31	16°40	22°47	n.a.	S 21
S 22	9 23 7	22°49'55	5♈31	0♓ 8	26° 3	22°23	14°57	10°19	11°49	20°42	1°48	17°21	16°37	22°54	n.a.	S 22
M23	9 27 4	23°48'55	17°53	2°10	27°16	23° 0	14°52	10°15	11°51	20°41	1°49	17°13	16°34	23° 1	n.a.	M23
T 24	9 31 0	24°47'52	0♉ 1	4°12	28°29	23°37	14°47	10°11	11°52	20°40	1°49	17° 8	16°31	23° 7	n.a.	T 24
W25	9 34 57	25°46'47	11°57	6°12	29°42	24°13	14°43	10° 6	11°54	20°38	1°50	17° 5	16°28	23°14	n.a.	W25
T 26	9 38 53	26°45'40	23°47	8°11	0♒56	24°50	14°38	10° 2	11°55	20°37	1°50	17°D 4	16°25	23°21	n.a.	T 26
F 27	9 42 50	27°44'31	5♊35	10° 9	2° 9	25°26	14°34	9°58	11°57	20°36	1°51	17° 4	16°21	23°27	n.a.	F 27
S 28	9 46 46	28♒43'19	17♊29	12♓ 4	3♒22	26♈ 3	14♋30	9♍53	11♐58	20♋35	1♐51	17°R 4	16♊18	23♉34	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s 2	23n47	0n13	24s24	2s 3	23s44	0n 7	4n27	0n37	23n55	1n12	9n48	2n41	22s37	0s 9	22n40	0n33	18s33	2n17	23n23	23n16	15n55			n.a.
M 2	19 48	25 5	1 19	24 9	2 4	23 46	0 4	4 42	0 37	23 56	1 12	9 50	2 41	22 37	0 9	22 40	0 33	18 34	2 17	23 23	23 15	15 58			n.a.
T 3	19 34	25 10	2 21	23 52	2 4	23 48	0 1	4 57	0 38	23 57	1 12	9 51	2 41	22 38	0 9	22 40	0 33	18 34	2 17	23 23	23 15	16 0			n.a.
W 4	19 20	23 55	3 18	23 32	2 4	23 49	0s 2	5 12	0 39	23 57	1 12	9 52	2 42	22 38	0 9	22 41	0 33	18 34	2 17	23 23	23 15	16 3			n.a.
T 5	19 5	21 23	4 6	23 11	2 3	23 49	0 5	5 27	0 39	23 58	1 12	9 54	2 42	22 39	0 9	22 41	0 33	18 34	2 17	23 22	23 14	16 5			n.a.
F 6	18 50	17 42	4 42	22 47	2 2	23 48	0 8	5 42	0 40	23 59	1 12	9 55	2 42	22 39	0 9	22 41	0 33	18 35	2 17	23 21	23 14	16 8			n.a.
S 7	18 34	13 2	5 3	22 22	2 1	23 47	0 11	5 57	0 40	24 0	1 12	9 57	2 42	22 39	0 9	22 42	0 33	18 35	2 17	23 21	23 14	16 10			n.a.
S 8	18 18	7 39	5 6	21 55	1 59	23 45	0 14	6 12	0 41	24 1	1 12	9 58	2 42	22 40	0 9	22 42	0 33	18 35	2 17	23 20	23 14	16 13			n.a.
M 9	18 2	1 51	4 52	21 25	1 56	23 43	0 17	6 27	0 42	24 2	1 12	10 0	2 43	22 40	0 9	22 42	0 33	18 35	2 17	23 19	23 13	16 16			n.a.
T 10	17 46	4s 6	4 20	20 54	1 53	23 40	0 19	6 42	0 42	24 3	1 12	10 1	2 43	22 40	0 9	22 42	0 33	18 36	2 17	23 19	23 13	16 18			n.a.
W11	17 29	9 54	3 33	20 20	1 49	23 36	0 22	6 56	0 43	24 4	1 12	10 3	2 43	22 41	0 9	22 43	0 33	18 36	2 17	23 19	23 13	16 21			n.a.
T 12	17 12	15 13	2 33	19 44	1 45	23 31	0 25	7 11	0 43	24 4	1 12	10 5	2 43	22 41	0 9	22 43	0 33	18 36	2 17	23 19	23 12	16 23			n.a.
F 13	16 55	19 43	1 23	19 6	1 40	23 26	0 27	7 26	0 44	24 5	1 12	10 6	2 43	22 41	0 9	22 43	0 33	18 36	2 17	23 19	23 12	16 26			n.a.
S 14	16 37	23 4	0 7	18 27	1 34	23 19	0 30	7 40	0 44	24 6	1 12	10 8	2 44	22 41	0 9	22 43	0 33	18 37	2 17	23 19	23 12	16 28			n.a.
S 15	16 20	24 58	1s 8	17 45	1 28	23 13	0 33	7 55	0 45	24 6	1 12	10 9	2 44	22 42	0 9	22 43	0 33	18 37	2 17	23 19	23 11	16 31			n.a.
M16	16 1	25 15	2 19	17 1	1 22	23 5	0 35	8 10	0 45	24 7	1 12	10 11	2 44	22 42	0 9	22 44	0 33	18 37	2 17	23 19	23 11	16 33			n.a.
T 17	15 43	23 56	3 20	16 16	1 14	22 57	0 38	8 24	0 46	24 8	1 12	10 13	2 44	22 42	0 9	22 44	0 33	18 37	2 17	23 18	23 11	16 36			n.a.
W18	15 25	21 10	4 9	15 29	1 7	22 48	0 40	8 39	0 46	24 8	1 12	10 14	2 44	22 43	0 9	22 44	0 33	18 37	2 17	23 17	23 10	16 38			n.a.
T 19	15 6	17 17	4 43	14 40	0 58	22 39	0 43	8 53	0 47	24 9	1 12	10 16	2 44	22 43	0 9	22 44	0 33	18 37	2 17	23 16	23 10	16 41			n.a.
F 20	14 47	12 37	5 1	13 49	0 49	22 28	0 45	9 7	0 47	24 10	1 12	10 18	2 44	22 43	0 9	22 45	0 33	18 38	2 17	23 15	23 10	16 43			n.a.
S 21	14 27	7 30	5 2	12 58	0 40	22 18	0 47	9 22	0 48	24 10	1 12	10 20	2 45	22 43	0 9	22 45	0 33	18 38	2 17	23 14	23 9	16 45			n.a.
S 22	14 8	2 11	4 49	12 5	0 30	22 6	0 50	9 36	0 48	24 11	1 12	10 21	2 45	22 44	0 9	22 45	0 33	18 38	2 17	23 14	23 9	16 48			n.a.
M23	13 48	3n 7	4 22	11 11	0 19	21 54	0 52	9 50	0 49	24 11	1 12	10 23	2 45	22 44	0 9	22 45	0 33	18 38	2 17	23 13	23 9	16 50			n.a.
T 24	13 28	8 11	3 43	10 16	0 8	21 41	0 54	10 5	0 49	24 12	1 12	10 25	2 45	22 44	0 9	22 45	0 33	18 38	2 17	23 12	23 9	16 53			n.a.
W25	13 8	12 53	2 56	9 21	0n 3	21 28	0 56	10 19	0 50	24 12	1 12	10 27	2 45	22 44	0 9	22 46	0 33	18 38	2 17	23 12	23 8	16 55			n.a.
T 26	12 48	17 5	2 1	8 25	0 14	21 14	0 58	10 33	0 50	24 13	1 12	10 28	2 45	22 45	0 9	22 46	0 33	18 39	2 17	23 12	23 8	16 58			n.a.
F 27	12 27	20 36	1 1	7 30	0 26	20 59	1 0	10 47	0 51	24 13	1 12	10 30	2 45	22 45	0 9	22 46	0 33	18 39	2 17	23 12	23 8	17 0			n.a.
S 28	12s 7	23n16	0n 2	6s34	0n38	20s44	1s 2	11n 1	0n51	24n13	1n12	10n32	2n45	22s45	0s 9	22n46	0n33	18s39	2n17	23n12	23n 7	17n 3			n.a.

Julian Day Number = 1283154.5, Delta T = 08h06m13s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'14, Lahiri = -20°31'14 Julian Calendar 1 Feb. 1200 BCE == Greg. Calendar 21 Jan. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

MARCH 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 43	29♒42'04	29♊32	13♓56	4♒35	26♈40	14°R26	9°R49	11♐59	20°R33	1♐52	17°R 4	16♊15	23♉41	n.a.	S 1
M 2	9 54 39	0♓40'48	11♋49	15°45	5°48	27°16	14♋23	9♍44	12° 1	20♋32	1°52	17♊ 1	16°12	23°47	n.a.	M 2
T 3	9 58 36	1°39'29	24°25	17°32	7° 2	27°53	14°19	9°40	12° 2	20°31	1°52	16°56	16° 9	23°54	n.a.	T 3
W 4	10 2 33	2°38'07	7♌22	19°14	8°15	28°30	14°16	9°36	12° 3	20°30	1°53	16°49	16° 6	24° 1	n.a.	W 4
T 5	10 6 29	3°36'44	20°41	20°53	9°28	29° 6	14°13	9°31	12° 4	20°29	1°53	16°39	16° 2	24° 7	n.a.	T 5
F 6	10 10 26	4°35'18	4♍21	22°28	10°41	29°43	14°10	9°27	12° 6	20°28	1°53	16°27	15°59	24°14	n.a.	F 6
S 7	10 14 22	5°33'50	18°18	23°58	11°54	0♉20	14° 7	9°22	12° 7	20°27	1°54	16°15	15°56	24°21	n.a.	S 7
S 8	10 18 19	6°32'20	2♎28	25°23	13° 8	0°56	14° 4	9°18	12° 8	20°26	1°54	16° 4	15°53	24°27	n.a.	S 8
M 9	10 22 15	7°30'48	16°45	26°44	14°21	1°33	14° 2	9°13	12° 9	20°24	1°54	15°55	15°50	24°34	n.a.	M 9
T 10	10 26 12	8°29'14	1♏ 6	27°59	15°34	2°10	14° 0	9° 8	12°10	20°23	1°54	15°49	15°46	24°41	n.a.	T 10
W11	10 30 8	9°27'39	15°24	29°10	16°47	2°46	13°58	9° 4	12°11	20°22	1°54	15°45	15°43	24°47	n.a.	W11
T 12	10 34 5	10°26'02	29°37	0♈15	18° 0	3°23	13°56	8°59	12°11	20°22	1°54	15°44	15°40	24°54	n.a.	T 12
F 13	10 38 1	11°24'23	13♐44	1°15	19°14	4° 0	13°54	8°55	12°12	20°21	1°55	15°43	15°37	25° 0	n.a.	F 13
S 14	10 41 58	12°22'43	27°43	2°10	20°27	4°37	13°53	8°50	12°13	20°20	1°55	15°43	15°34	25° 7	n.a.	S 14
S 15	10 45 55	13°21'01	11♑34	2°59	21°40	5°13	13°51	8°46	12°14	20°19	1°R55	15°42	15°31	25°14	n.a.	S 15
M16	10 49 51	14°19'17	25°17	3°42	22°53	5°50	13°50	8°41	12°14	20°18	1°55	15°38	15°27	25°20	n.a.	M16
T 17	10 53 48	15°17'32	8♒51	4°20	24° 7	6°27	13°49	8°37	12°15	20°17	1°55	15°31	15°24	25°27	n.a.	T 17
W18	10 57 44	16°15'45	22°15	4°52	25°20	7° 4	13°48	8°32	12°15	20°16	1°54	15°22	15°21	25°34	n.a.	W18
T 19	11 1 41	17°13'56	5♓27	5°18	26°33	7°41	13°48	8°28	12°16	20°16	1°54	15°10	15°18	25°40	n.a.	T 19
F 20	11 5 37	18°12'05	18°26	5°39	27°46	8°18	13°47	8°23	12°16	20°15	1°54	14°57	15°15	25°47	n.a.	F 20
S 21	11 9 34	19°10'12	1♈11	5°53	29° 0	8°54	13°47	8°19	12°17	20°14	1°54	14°44	15°12	25°54	n.a.	S 21
S 22	11 13 30	20° 8'18	13°40	6° 3	0♓13	9°31	13°D47	8°15	12°17	20°14	1°54	14°32	15° 8	26° 0	n.a.	S 22
M23	11 17 27	21° 6'21	25°56	6°R 6	1°26	10° 8	13°47	8°10	12°17	20°13	1°54	14°22	15° 5	26° 7	n.a.	M23
T 24	11 21 24	22° 4'23	7♉59	6° 5	2°40	10°45	13°48	8° 6	12°18	20°12	1°53	14°15	15° 2	26°14	n.a.	T 24
W25	11 25 20	23° 2'22	19°53	5°58	3°53	11°22	13°48	8° 2	12°18	20°12	1°53	14°10	14°59	26°20	n.a.	W25
T 26	11 29 17	24° 0'20	1♊42	5°46	5° 6	11°59	13°49	7°57	12°18	20°11	1°53	14° 8	14°56	26°27	n.a.	T 26
F 27	11 33 13	24°58'16	13°30	5°30	6°19	12°36	13°50	7°53	12°18	20°11	1°52	14°D 8	14°52	26°34	n.a.	F 27
S 28	11 37 10	25°56'09	25°23	5° 9	7°33	13°13	13°51	7°49	12°R18	20°10	1°52	14°R 8	14°49	26°40	n.a.	S 28
S 29	11 41 6	26°54'01	7♋25	4°45	8°46	13°50	13°52	7°45	12°18	20°10	1°52	14° 7	14°46	26°47	n.a.	S 29
M30	11 45 3	27°51'51	19°43	4°17	9°59	14°26	13°54	7°41	12°18	20° 9	1°51	14° 5	14°43	26°54	n.a.	M30
T 31	11 48 59	28♓49'39	2♌22	3♈46	11♓12	15♉ 3	13♋55	7♍37	12♐18	20♋ 9	1♐51	14♊ 1	14♊40	27♉ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	11s46	24n56	1n 6	5s40	0n50	20s28	1s 4	11n15	0n52	24n14	1n12	10n34	2n45	22s45	0s 9	22n46	0n33	18s39	2n17	23n12		23n 7		17n 5			n.a.
M 2	11 25	25 25	2 7	4 46	1 2	20 12	1 6	11 29	0 52	24 14	1 12	10 35	2 46	22 45	0 9	22 47	0 33	18 39	2 17	23 12		23 7		17 8			n.a.
T 3	11 4	24 37	3 4	3 53	1 14	19 55	1 7	11 43	0 53	24 14	1 11	10 37	2 46	22 46	0 9	22 47	0 33	18 39	2 17	23 11		23 6		17 10			n.a.
W 4	10 42	22 29	3 53	3 1	1 25	19 37	1 9	11 56	0 53	24 15	1 11	10 39	2 46	22 46	0 9	22 47	0 33	18 39	2 17	23 10		23 6		17 13			n.a.
T 5	10 21	19 6	4 31	2 12	1 37	19 19	1 11	12 10	0 53	24 15	1 11	10 41	2 46	22 46	0 9	22 47	0 33	18 39	2 17	23 9		23 6		17 15			n.a.
F 6	9 59	14 38	4 54	1 24	1 48	19 0	1 12	12 24	0 54	24 15	1 11	10 43	2 46	22 46	0 9	22 47	0 33	18 39	2 16	23 8		23 5		17 17			n.a.
S 7	9 37	9 18	5 1	0 38	1 58	18 41	1 14	12 37	0 54	24 15	1 11	10 44	2 46	22 46	0 9	22 48	0 33	18 39	2 16	23 7		23 5		17 20			n.a.
S 8	9 16	3 25	4 49	0n 6	2 9	18 21	1 15	12 51	0 55	24 16	1 11	10 46	2 46	22 46	0 9	22 48	0 33	18 40	2 16	23 6		23 5		17 22			n.a.
M 9	8 54	2s43	4 19	0 47	2 18	18 1	1 17	13 4	0 55	24 16	1 11	10 48	2 46	22 47	0 9	22 48	0 33	18 40	2 16	23 5		23 4		17 25			n.a.
T 10	8 31	8 44	3 33	1 26	2 27	17 40	1 18	13 17	0 55	24 16	1 11	10 50	2 46	22 47	0 9	22 48	0 33	18 40	2 16	23 4		23 4		17 27			n.a.
W11	8 9	14 17	2 33	2 2	2 36	17 19	1 19	13 30	0 56	24 16	1 11	10 52	2 46	22 47	0 9	22 48	0 33	18 40	2 16	23 4		23 3		17 30			n.a.
T 12	7 47	19 2	1 24	2 35	2 43	16 58	1 20	13 44	0 56	24 16	1 11	10 53	2 46	22 47	0 9	22 48	0 33	18 40	2 16	23 4		23 3		17 32			n.a.
F 13	7 24	22 39	0 11	3 6	2 50	16 35	1 22	13 57	0 56	24 16	1 11	10 55	2 46	22 47	0 9	22 48	0 33	18 40	2 16	23 4		23 3		17 34			n.a.
S 14	7 2	24 52	1s 3	3 33	2 56	16 13	1 23	14 10	0 57	24 16	1 11	10 57	2 46	22 47	0 9	22 49	0 33	18 40	2 16	23 3		23 2		17 37			n.a.
S 15	6 39	25 31	2 12	3 57	3 1	15 50	1 24	14 23	0 57	24 16	1 10	10 59	2 46	22 47	0 9	22 49	0 33	18 40	2 16	23 3		23 2		17 39			n.a.
M16	6 16	24 35	3 13	4 18	3 4	15 26	1 25	14 35	0 57	24 16	1 10	11 0	2 46	22 47	0 9	22 49	0 33	18 40	2 16	23 3		23 2		17 42			n.a.
T 17	5 53	22 13	4 2	4 36	3 7	15 3	1 25	14 48	0 58	24 16	1 10	11 2	2 46	22 48	0 9	22 49	0 33	18 40	2 16	23 2		23 1		17 44			n.a.
W18	5 30	18 40	4 36	4 51	3 9	14 38	1 26	15 1	0 58	24 16	1 10	11 4	2 46	22 48	0 9	22 49	0 33	18 40	2 16	23 1		23 1		17 47			n.a.
T 19	5 7	14 14	4 56	5 2	3 10	14 14	1 27	15 13	0 58	24 16	1 10	11 5	2 46	22 48	0 9	22 49	0 33	18 40	2 16	23 0		23 1		17 49			n.a.
F 20	4 44	9 14	5 0	5 10	3 9	13 49	1 28	15 26	0 59	24 16	1 10	11 7	2 46	22 48	0 9	22 49	0 33	18 40	2 16	22 58		23 0		17 51			n.a.
S 21	4 21	3 55	4 48	5 14	3 7	13 23	1 28	15 38	0 59	24 16	1 10	11 9	2 46	22 48	0 9	22 49	0 33	18 40	2 16	22 57		23 0		17 54			n.a.
S 22	3 58	1n27	4 23	5 15	3 4	12 58	1 29	15 50	0 59	24 16	1 10	11 10	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 55		23 0		17 56			n.a.
M23	3 35	6 41	3 46	5 13	3 0	12 32	1 29	16 3	1 0	24 16	1 10	11 12	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 54		22 59		17 59			n.a.
T 24	3 12	11 35	2 59	5 7	2 54	12 5	1 29	16 15	1 0	24 16	1 9	11 14	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 53		22 59		18 1			n.a.
W25	2 48	16 0	2 5	4 58	2 48	11 38	1 30	16 27	1 0	24 15	1 9	11 15	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 53		22 59		18 3			n.a.
T 26	2 25	19 47	1 5	4 46	2 39	11 11	1 30	16 39	1 1	24 15	1 9	11 17	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 53		22 58		18 6			n.a.
F 27	2 2	22 45	0 3	4 30	2 30	10 44	1 30	16 50	1 1	24 15	1 9	11 18	2 46	22 48	0 9	22 50	0 33	18 40	2 16	22 53		22 58		18 8			n.a.
S 28	1 38	24 45	0n59	4 12	2 19	10 16	1 30	17 2	1 1	24 15	1 9	11 20	2 46	22 48	0 10	22 50	0 33	18 40	2 16	22 53		22 57		18 10			n.a.
S 29	1 15	25 38	2 0	3 52	2 8	9 49	1 30	17 14	1 2	24 15	1 9	11 21	2 46	22 48	0 10	22 50	0 33	18 40	2 16	22 53		22 57		18 13			n.a.
M30	0 52	25 17	2 57	3 29	1 55	9 20	1 30	17 25	1 2	24 14	1 9	11 23	2 46	22 48	0 10	22 50	0 33	18 40	2 16	22 52		22 57		18 15			n.a.
T 31	0s28	23n38	3n47	3n 3	1n41	8s52	1s30	17n37	1n 2	24n14	1n 9	11n24	2n45	22s48	0s10	22n50	0n33	18s40	2n16	22n52		22n56		18n18			n.a.

Julian Day Number = 1283182.5, Delta T = 08h06m12s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'10, Lahiri = -20°31'10 Julian Calendar 1 March 1200 BCE == Greg. Calendar 18 Feb. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

APRIL 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 52 56	29♓47'25	15♌24	3°R13	12♓26	15♉40	13♋57	7°R32	12°R18	20°R 8	1°R50	13°R55	14♊37	27♉ 7	n.a.	W 1
T 2	11 56 52	0♈45'10	28°52	2♈38	13°39	16°17	13°59	7♍28	12♗17	20♋ 8	1♗50	13♊46	14°33	27°14	n.a.	T 2
F 3	12 0 49	1°42'52	12♍46	2° 2	14°52	16°54	14° 1	7°25	12°17	20° 8	1°49	13°36	14°30	27°20	n.a.	F 3
S 4	12 4 46	2°40'33	27° 2	1°26	16° 5	17°31	14° 4	7°21	12°17	20° 8	1°49	13°25	14°27	27°27	n.a.	S 4
S 5	12 8 42	3°38'12	11♎35	0°49	17°19	18° 8	14° 6	7°17	12°17	20° 7	1°48	13°15	14°24	27°33	n.a.	S 5
M 6	12 12 39	4°35'50	26°17	0°14	18°32	18°45	14° 9	7°13	12°16	20° 7	1°47	13° 7	14°21	27°40	n.a.	M 6
T 7	12 16 35	5°33'27	11♏ 2	29♓40	19°45	19°22	14°12	7° 9	12°16	20° 7	1°47	13° 1	14°17	27°47	n.a.	T 7
W 8	12 20 32	6°31'02	25°42	29° 8	20°59	19°59	14°15	7° 6	12°15	20° 7	1°46	12°58	14°14	27°53	n.a.	W 8
T 9	12 24 28	7°28'37	10♗12	28°39	22°12	20°36	14°18	7° 2	12°15	20° 7	1°45	12°D57	14°11	28° 0	n.a.	T 9
F 10	12 28 25	8°26'10	24°28	28°12	23°25	21°13	14°21	6°59	12°14	20° 7	1°45	12°57	14° 8	28° 7	n.a.	F 10
S 11	12 32 21	9°23'42	8♑28	27°49	24°38	21°50	14°25	6°55	12°13	20° 7	1°44	12°R57	14° 5	28°13	n.a.	S 11
S 12	12 36 18	10°21'13	22°13	27°30	25°52	22°27	14°29	6°52	12°13	20°D 7	1°43	12°57	14° 2	28°20	n.a.	S 12
M13	12 40 15	11°18'44	5♒44	27°14	27° 5	23° 4	14°32	6°48	12°12	20° 7	1°42	12°54	13°58	28°27	n.a.	M13
T 14	12 44 11	12°16'13	19° 1	27° 3	28°18	23°41	14°36	6°45	12°11	20° 7	1°42	12°49	13°55	28°33	n.a.	T 14
W15	12 48 8	13°13'41	2♓ 4	26°56	29°32	24°18	14°41	6°42	12°10	20° 7	1°41	12°42	13°52	28°40	n.a.	W15
T 16	12 52 4	14°11'08	14°55	26°D53	0♈45	24°55	14°45	6°39	12° 9	20° 7	1°40	12°33	13°49	28°47	n.a.	T 16
F 17	12 56 1	15° 8'34	27°34	26°55	1°59	25°32	14°49	6°36	12° 9	20° 7	1°39	12°23	13°46	28°53	n.a.	F 17
S 18	12 59 57	16° 5'59	10♈ 1	27° 1	3°12	26° 9	14°54	6°33	12° 8	20° 7	1°38	12°13	13°43	29° 0	n.a.	S 18
S 19	13 3 54	17° 3'22	22°17	27°12	4°25	26°46	14°59	6°30	12° 7	20° 7	1°37	12° 3	13°39	29° 7	n.a.	S 19
M20	13 7 50	18° 0'45	4♉23	27°28	5°39	27°24	15° 4	6°27	12° 6	20° 8	1°36	11°56	13°36	29°13	n.a.	M20
T 21	13 11 47	18°58'07	16°20	27°48	6°52	28° 1	15° 9	6°24	12° 4	20° 8	1°35	11°50	13°33	29°20	n.a.	T 21
W22	13 15 44	19°55'27	28°10	28°12	8° 5	28°38	15°14	6°21	12° 3	20° 8	1°34	11°47	13°30	29°27	n.a.	W22
T 23	13 19 40	20°52'47	9♊57	28°40	9°19	29°15	15°20	6°19	12° 2	20° 9	1°33	11°D46	13°27	29°33	n.a.	T 23
F 24	13 23 37	21°50'05	21°44	29°13	10°32	29°52	15°25	6°16	12° 1	20° 9	1°32	11°46	13°23	29°40	n.a.	F 24
S 25	13 27 33	22°47'22	3♋36	29°50	11°45	0♊29	15°31	6°14	12° 0	20° 9	1°31	11°48	13°20	29°47	n.a.	S 25
S 26	13 31 30	23°44'38	15°38	0♈30	12°59	1° 6	15°37	6°12	11°58	20°10	1°30	11°49	13°17	29°53	n.a.	S 26
M27	13 35 26	24°41'53	27°55	1°15	14°12	1°44	15°43	6° 9	11°57	20°10	1°29	11°R49	13°14	29°59	n.a.	M27
T 28	13 39 23	25°39'06	10♌32	2° 3	15°26	2°21	15°49	6° 7	11°56	20°11	1°28	11°48	13°11	0♊ 6	n.a.	T 28
W29	13 43 19	26°36'19	23°33	2°55	16°39	2°58	15°55	6° 5	11°54	20°11	1°27	11°45	13° 8	0°13	n.a.	W29
T 30	13 47 16	27♈33'30	7♍ 2	3♈51	17♈52	3♊35	16♋ 2	6♍ 3	11♗53	20♋12	1♗25	11♊40	13♊ 4	0♊20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 5	20n43	4n26	2n37	1n26	8s24	1s30	17n48	1n 2	24n14	1n 9	11n26	2n45	22s48	0s10	22n50	0n33	18s40	2n16	22n51	22n56	18n20		n.a.
T 2	0n18	16 36	4 52	2 8	1 11	7 55	1 30	17 59	1 3	24 13	1 8	11 27	2 45	22 48	0 10	22 50	0 33	18 39	2 16	22 50	22 56	18 22		n.a.
F 3	0 42	11 31	5 2	1 39	0 54	7 26	1 30	18 10	1 3	24 13	1 8	11 29	2 45	22 48	0 10	22 50	0 33	18 39	2 16	22 49	22 55	18 25		n.a.
S 4	1 5	5 41	4 54	1 9	0 38	6 57	1 29	18 21	1 3	24 13	1 8	11 30	2 45	22 48	0 10	22 50	0 33	18 39	2 16	22 47	22 55	18 27		n.a.
S 5	1 28	0s35	4 26	0 39	0 21	6 27	1 29	18 32	1 3	24 12	1 8	11 32	2 45	22 48	0 10	22 50	0 33	18 39	2 16	22 46	22 55	18 29		n.a.
M 6	1 51	6 53	3 41	0 9	0 4	5 58	1 28	18 43	1 4	24 12	1 8	11 33	2 45	22 48	0 10	22 50	0 33	18 39	2 16	22 45	22 54	18 32		n.a.
T 7	2 15	12 50	2 41	0s20	0s13	5 28	1 28	18 53	1 4	24 11	1 8	11 34	2 45	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 54	18 34		n.a.
W 8	2 38	18 2	1 31	0 48	0 30	4 58	1 27	19 4	1 4	24 11	1 8	11 35	2 45	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 53	18 36		n.a.
T 9	3 1	22 6	0 15	1 15	0 46	4 28	1 27	19 14	1 4	24 11	1 8	11 37	2 45	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 53	18 39		n.a.
F 10	3 24	24 44	1s 1	1 40	1 2	3 58	1 26	19 24	1 5	24 10	1 7	11 38	2 44	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 53	18 41		n.a.
S 11	3 47	25 45	2 12	2 4	1 17	3 28	1 25	19 34	1 5	24 10	1 7	11 39	2 44	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 52	18 43		n.a.
S 12	4 10	25 9	3 14	2 25	1 32	2 57	1 24	19 44	1 5	24 9	1 7	11 40	2 44	22 48	0 10	22 50	0 33	18 39	2 15	22 44	22 52	18 46		n.a.
M13	4 33	23 4	4 3	2 44	1 46	2 27	1 23	19 54	1 5	24 9	1 7	11 41	2 44	22 48	0 10	22 50	0 33	18 38	2 15	22 43	22 51	18 48		n.a.
T 14	4 56	19 47	4 39	3 0	1 59	1 56	1 22	20 4	1 5	24 8	1 7	11 43	2 44	22 48	0 10	22 50	0 33	18 38	2 15	22 43	22 51	18 50		n.a.
W15	5 18	15 33	4 59	3 14	2 11	1 26	1 21	20 13	1 6	24 7	1 7	11 44	2 44	22 47	0 10	22 50	0 33	18 38	2 15	22 42	22 51	18 53		n.a.
T 16	5 41	10 42	5 4	3 26	2 22	0 55	1 20	20 23	1 6	24 7	1 7	11 45	2 44	22 47	0 10	22 50	0 33	18 38	2 15	22 41	22 50	18 55		n.a.
F 17	6 4	5 28	4 54	3 34	2 32	0 24	1 19	20 32	1 6	24 6	1 7	11 46	2 43	22 47	0 10	22 50	0 33	18 38	2 15	22 39	22 50	18 57		n.a.
S 18	6 26	0 6	4 30	3 40	2 42	0n 6	1 18	20 41	1 6	24 6	1 7	11 47	2 43	22 47	0 10	22 50	0 33	18 38	2 15	22 38	22 50	18 59		n.a.
S 19	6 48	5n13	3 54	3 43	2 50	0 37	1 17	20 50	1 7	24 5	1 6	11 48	2 43	22 47	0 10	22 50	0 33	18 38	2 15	22 37	22 49	19 2		n.a.
M20	7 11	10 16	3 7	3 44	2 57	1 8	1 15	20 59	1 7	24 4	1 6	11 49	2 43	22 47	0 10	22 50	0 33	18 37	2 15	22 36	22 49	19 4		n.a.
T 21	7 33	14 53	2 13	3 42	3 4	1 38	1 14	21 8	1 7	24 3	1 6	11 49	2 43	22 47	0 10	22 50	0 33	18 37	2 15	22 35	22 48	19 6		n.a.
W22	7 55	18 54	1 13	3 37	3 9	2 9	1 13	21 17	1 7	24 3	1 6	11 50	2 43	22 47	0 10	22 50	0 33	18 37	2 15	22 35	22 48	19 9		n.a.
T 23	8 17	22 9	0 10	3 29	3 13	2 40	1 11	21 25	1 7	24 2	1 6	11 51	2 42	22 46	0 10	22 50	0 33	18 37	2 15	22 34	22 48	19 11		n.a.
F 24	8 39	24 28	0n54	3 19	3 17	3 10	1 10	21 33	1 7	24 1	1 6	11 52	2 42	22 46	0 10	22 50	0 33	18 37	2 15	22 34	22 47	19 13		n.a.
S 25	9 0	25 43	1 55	3 7	3 19	3 41	1 8	21 42	1 8	24 0	1 6	11 53	2 42	22 46	0 10	22 50	0 33	18 37	2 15	22 35	22 47	19 15		n.a.
S 26	9 22	25 46	2 53	2 52	3 21	4 12	1 6	21 50	1 8	24 0	1 6	11 53	2 42	22 46	0 10	22 50	0 33	18 37	2 15	22 35	22 46	19 18		n.a.
M27	9 43	24 34	3 43	2 34	3 22	4 42	1 5	21 58	1 8	23 59	1 6	11 54	2 42	22 46	0 10	22 50	0 33	18 36	2 14	22 35	22 46	19 20		n.a.
T 28	10 5	22 8	4 25	2 15	3 22	5 12	1 3	22 5	1 8	23 58	1 5	11 55	2 41	22 46	0 10	22 50	0 33	18 36	2 14	22 35	22 46	19 22		n.a.
W29	10 26	18 30	4 54	1 53	3 21	5 43	1 1	22 13	1 8	23 57	1 5	11 55	2 41	22 45	0 10	22 50	0 33	18 36	2 14	22 34	22 45	19 25		n.a.
T 30	10n47	13n50	5n 8	1s29	3s19	6n13	1s 0	22n20	1n 8	23n56	1n 5	11n56	2n41	22s45	0s10	22n50	0n33	18s36	2n14	22n34	22n45	19n27		n.a.

Julian Day Number = 1283213.5, Delta T = 08h06m10s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'06, Lahiri = -20°31'06 Julian Calendar 1 Apr. 1200 BCE == Greg. Calendar 21 March 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

MAY 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 51 13	28♈30'41	20♍58	4♈50	19♈ 6	4♊12	16♋ 8	6°R 1	11°R51	20♋13	1°R24	11°R34	13♊ 1	0♊26	n.a.	F 1
S 2	13 55 9	29°27'50	5♎20	5°53	20°19	4°49	16°15	5♍59	11♐50	20°13	1♐23	11♊28	12°58	0°33	n.a.	S 2
S 3	13 59 6	0♉24'59	20° 5	6°59	21°33	5°27	16°22	5°58	11°48	20°14	1°22	11°22	12°55	0°40	n.a.	S 3
M 4	14 3 2	1°22'07	5♏ 3	8° 8	22°46	6° 4	16°29	5°56	11°46	20°15	1°21	11°17	12°52	0°46	n.a.	M 4
T 5	14 6 59	2°19'15	20° 7	9°21	24° 0	6°41	16°36	5°54	11°45	20°15	1°19	11°14	12°48	0°53	n.a.	T 5
W 6	14 10 55	3°16'22	5♐ 8	10°37	25°13	7°18	16°43	5°53	11°43	20°16	1°18	11°D12	12°45	1° 0	n.a.	W 6
T 7	14 14 52	4°13'29	19°57	11°56	26°27	7°56	16°51	5°52	11°41	20°17	1°17	11°12	12°42	1° 6	n.a.	T 7
F 8	14 18 48	5°10'35	4♑29	13°18	27°40	8°33	16°58	5°50	11°40	20°18	1°15	11°13	12°39	1°13	n.a.	F 8
S 9	14 22 45	6° 7'42	18°40	14°44	28°54	9°10	17° 6	5°49	11°38	20°18	1°14	11°15	12°36	1°20	n.a.	S 9
S 10	14 26 42	7° 4'48	2♒30	16°12	0♉ 7	9°47	17°14	5°48	11°36	20°19	1°13	11°R16	12°33	1°26	n.a.	S 10
M11	14 30 38	8° 1'54	15°59	17°43	1°21	10°25	17°21	5°47	11°34	20°20	1°11	11°15	12°29	1°33	n.a.	M11
T 12	14 34 35	8°59'00	29° 8	19°18	2°34	11° 2	17°29	5°46	11°32	20°21	1°10	11°14	12°26	1°40	n.a.	T 12
W13	14 38 31	9°56'06	11♓59	20°55	3°48	11°39	17°38	5°45	11°30	20°22	1° 9	11°11	12°23	1°46	n.a.	W13
T 14	14 42 28	10°53'11	24°35	22°36	5° 1	12°17	17°46	5°45	11°28	20°23	1° 7	11° 7	12°20	1°53	n.a.	T 14
F 15	14 46 24	11°50'17	6♈59	24°19	6°15	12°54	17°54	5°44	11°26	20°24	1° 6	11° 2	12°17	1°59	n.a.	F 15
S 16	14 50 21	12°47'22	19°11	26° 5	7°28	13°31	18° 3	5°44	11°24	20°25	1° 5	10°57	12°14	2° 6	n.a.	S 16
S 17	14 54 18	13°44'28	1♉14	27°54	8°42	14° 9	18°11	5°43	11°22	20°26	1° 3	10°53	12°10	2°13	n.a.	S 17
M18	14 58 14	14°41'33	13°10	29°46	9°55	14°46	18°20	5°43	11°20	20°27	1° 2	10°50	12° 7	2°19	n.a.	M18
T 19	15 2 11	15°38'38	25° 1	1♉41	11° 9	15°23	18°29	5°43	11°18	20°29	1° 0	10°47	12° 4	2°26	n.a.	T 19
W20	15 6 7	16°35'44	6♊48	3°37	12°23	16° 1	18°37	5°43	11°16	20°30	0°59	10°D46	12° 1	2°33	n.a.	W20
T 21	15 10 4	17°32'49	18°35	5°37	13°36	16°38	18°46	5°D42	11°14	20°31	0°58	10°46	11°58	2°39	n.a.	T 21
F 22	15 14 0	18°29'54	0♋23	7°38	14°50	17°16	18°56	5°43	11°12	20°32	0°56	10°48	11°54	2°46	n.a.	F 22
S 23	15 17 57	19°26'58	12°18	9°41	16° 4	17°53	19° 5	5°43	11°10	20°33	0°55	10°49	11°51	2°53	n.a.	S 23
S 24	15 21 53	20°24'03	24°22	11°46	17°17	18°31	19°14	5°43	11° 8	20°35	0°53	10°51	11°48	2°59	n.a.	S 24
M25	15 25 50	21°21'07	6♌39	13°53	18°31	19° 8	19°23	5°43	11° 5	20°36	0°52	10°52	11°45	3° 6	n.a.	M25
T 26	15 29 47	22°18'12	19°15	16° 0	19°45	19°45	19°33	5°44	11° 3	20°37	0°50	10°R52	11°42	3°13	n.a.	T 26
W27	15 33 43	23°15'16	2♍12	18° 9	20°58	20°23	19°43	5°44	11° 1	20°39	0°49	10°52	11°39	3°19	n.a.	W27
T 28	15 37 40	24°12'20	15°35	20°18	22°12	21° 0	19°52	5°45	10°59	20°40	0°47	10°51	11°35	3°26	n.a.	T 28
F 29	15 41 36	25° 9'23	29°26	22°28	23°26	21°38	20° 2	5°46	10°56	20°41	0°46	10°50	11°32	3°33	n.a.	F 29
S 30	15 45 33	26° 6'27	13♎43	24°38	24°39	22°16	20°12	5°47	10°54	20°43	0°44	10°48	11°29	3°39	n.a.	S 30
S 31	15 49 29	27♉ 3'31	28♎24	26♉47	25♉53	22♊53	20♋22	5♍48	10♐52	20♋44	0♐43	10♊46	11♊26	3♊46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 7	8n18	5n 5	1s 3	3s17	6n43	0s58	22n28	1n 9	23n55	1n 5	11n56	2n41	22s45	0s10	22n49	0n32	18s36	2n14	22n33	22n44	19n29		n.a.
S 2	11 28	2 10	4 43	0 35	3 14	7 13	0 56	22 35	1 9	23 54	1 5	11 57	2 41	22 45	0 10	22 49	0 32	18 35	2 14	22 32	22 44	19 31		n.a.
S 3	11 48	4s15	4 2	0 5	3 10	7 42	0 54	22 42	1 9	23 53	1 5	11 57	2 40	22 45	0 10	22 49	0 32	18 35	2 14	22 31	22 44	19 34		n.a.
M 4	12 9	10 32	3 4	0n27	3 5	8 12	0 52	22 49	1 9	23 52	1 5	11 58	2 40	22 44	0 10	22 49	0 32	18 35	2 14	22 30	22 43	19 36		n.a.
T 5	12 29	16 16	1 52	1 1	3 0	8 41	0 50	22 55	1 9	23 51	1 5	11 58	2 40	22 44	0 10	22 49	0 32	18 35	2 14	22 30	22 43	19 38		n.a.
W 6	12 49	20 58	0 33	1 37	2 54	9 10	0 48	23 2	1 9	23 50	1 5	11 58	2 40	22 44	0 10	22 49	0 32	18 35	2 14	22 30	22 42	19 40		n.a.
T 7	13 8	24 14	0s48	2 14	2 48	9 39	0 46	23 8	1 9	23 49	1 5	11 59	2 40	22 44	0 10	22 49	0 32	18 35	2 14	22 30	22 42	19 42		n.a.
F 8	13 28	25 49	2 4	2 53	2 40	10 8	0 44	23 14	1 9	23 48	1 4	11 59	2 39	22 44	0 10	22 49	0 32	18 34	2 14	22 30	22 41	19 45		n.a.
S 9	13 47	25 39	3 10	3 33	2 33	10 37	0 42	23 20	1 10	23 47	1 4	11 59	2 39	22 43	0 10	22 49	0 32	18 34	2 14	22 30	22 41	19 47		n.a.
S 10	14 6	23 53	4 4	4 15	2 25	11 5	0 40	23 26	1 10	23 46	1 4	12 0	2 39	22 43	0 10	22 48	0 32	18 34	2 14	22 30	22 41	19 49		n.a.
M11	14 25	20 48	4 43	4 59	2 16	11 33	0 38	23 32	1 10	23 45	1 4	12 0	2 39	22 43	0 10	22 48	0 32	18 34	2 14	22 30	22 40	19 51		n.a.
T 12	14 44	16 44	5 6	5 43	2 7	12 1	0 35	23 37	1 10	23 44	1 4	12 0	2 39	22 43	0 10	22 48	0 32	18 34	2 14	22 30	22 40	19 54		n.a.
W13	15 2	11 59	5 13	6 29	1 57	12 28	0 33	23 43	1 10	23 43	1 4	12 0	2 38	22 42	0 10	22 48	0 32	18 33	2 13	22 30	22 39	19 56		n.a.
T 14	15 20	6 49	5 4	7 17	1 47	12 55	0 31	23 48	1 10	23 42	1 4	12 0	2 38	22 42	0 10	22 48	0 32	18 33	2 13	22 29	22 39	19 58		n.a.
F 15	15 38	1 29	4 41	8 5	1 37	13 22	0 29	23 53	1 10	23 40	1 4	12 0	2 38	22 42	0 10	22 48	0 32	18 33	2 13	22 28	22 39	20 0		n.a.
S 16	15 56	3n51	4 6	8 54	1 27	13 49	0 26	23 58	1 10	23 39	1 4	12 0	2 38	22 42	0 10	22 47	0 32	18 33	2 13	22 28	22 38	20 2		n.a.
S 17	16 14	8 58	3 20	9 44	1 16	14 15	0 24	24 3	1 10	23 38	1 4	12 0	2 37	22 41	0 10	22 47	0 32	18 32	2 13	22 27	22 38	20 5		n.a.
M18	16 31	13 44	2 26	10 34	1 5	14 41	0 22	24 7	1 11	23 37	1 4	12 0	2 37	22 41	0 10	22 47	0 32	18 32	2 13	22 26	22 37	20 7		n.a.
T 19	16 48	17 57	1 26	11 25	0 53	15 7	0 20	24 12	1 11	23 35	1 4	12 0	2 37	22 41	0 10	22 47	0 32	18 32	2 13	22 26	22 37	20 9		n.a.
W20	17 4	21 27	0 22	12 16	0 42	15 32	0 17	24 16	1 11	23 34	1 3	12 0	2 37	22 40	0 10	22 47	0 32	18 32	2 13	22 26	22 36	20 11		n.a.
T 21	17 21	24 3	0n43	13 8	0 31	15 57	0 15	24 20	1 11	23 33	1 3	11 59	2 36	22 40	0 10	22 47	0 32	18 32	2 13	22 26	22 36	20 13		n.a.
F 22	17 37	25 36	1 46	13 59	0 19	16 21	0 13	24 24	1 11	23 31	1 3	11 59	2 36	22 40	0 10	22 46	0 32	18 31	2 13	22 26	22 36	20 15		n.a.
S 23	17 53	26 0	2 45	14 50	0 8	16 45	0 10	24 27	1 11	23 30	1 3	11 59	2 36	22 40	0 10	22 46	0 32	18 31	2 13	22 26	22 35	20 18		n.a.
S 24	18 9	25 11	3 38	15 40	0n 3	17 9	0 8	24 31	1 11	23 28	1 3	11 58	2 36	22 39	0 10	22 46	0 32	18 31	2 13	22 27	22 35	20 20		n.a.
M25	18 24	23 8	4 22	16 29	0 14	17 32	0 6	24 34	1 11	23 27	1 3	11 58	2 36	22 39	0 10	22 46	0 32	18 31	2 12	22 27	22 34	20 22		n.a.
T 26	18 39	19 56	4 54	17 17	0 24	17 55	0 3	24 37	1 11	23 26	1 3	11 58	2 35	22 39	0 10	22 46	0 32	18 31	2 12	22 27	22 34	20 24		n.a.
W27	18 54	15 43	5 13	18 4	0 34	18 17	0 1	24 40	1 11	23 24	1 3	11 57	2 35	22 38	0 10	22 45	0 32	18 30	2 12	22 27	22 33	20 26		n.a.
T 28	19 8	10 36	5 15	18 49	0 44	18 39	0n 2	24 43	1 11	23 23	1 3	11 57	2 35	22 38	0 10	22 45	0 32	18 30	2 12	22 27	22 33	20 28		n.a.
F 29	19 22	4 48	5 0	19 33	0 53	19 0	0 4	24 45	1 11	23 21	1 3	11 56	2 35	22 38	0 10	22 45	0 32	18 30	2 12	22 26	22 32	20 30		n.a.
S 30	19 36	1s25	4 26	20 14	1 2	19 21	0 6	24 48	1 11	23 19	1 3	11 56	2 34	22 37	0 10	22 45	0 32	18 30	2 12	22 26	22 32	20 33		n.a.
S 31	19n50	7s46	3n34	20n54	1n10	19n41	0n 9	24n50	1n11	23n18	1n 3	11n55	2n34	22s37	0s10	22n44	0n32	18s29	2n12	22n26	22n32	20n35		n.a.

Julian Day Number = 1283243.5, Delta T = 08h06m09s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'02, Lahiri = -20°31'01 Julian Calendar 1 May 1200 BCE == Greg. Calendar 20 Apr. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

JUNE 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 53 26	28♉ 0'35	13♏24	28♉57	27♉ 7	23♊31	20♋32	5♍49	10°R49	20♋46	0°R41	10°R45	11♊23	3♊52	n.a.	M 1
T 2	15 57 23	28°57'39	28°34	1♊ 5	28°21	24° 8	20°42	5°50	10♐47	20°47	0♐40	10♊44	11°20	3°59	n.a.	T 2
W 3	16 1 19	29°54'44	13♐46	3°13	29°34	24°46	20°52	5°51	10°45	20°49	0°38	10°D44	11°16	4° 6	n.a.	W 3
T 4	16 5 16	0♊51'50	28°49	5°19	0♊48	25°23	21° 3	5°52	10°42	20°50	0°37	10°44	11°13	4°12	n.a.	T 4
F 5	16 9 12	1°48'56	13♑37	7°24	2° 2	26° 1	21°13	5°54	10°40	20°52	0°35	10°45	11°10	4°19	n.a.	F 5
S 6	16 13 9	2°46'02	28° 2	9°28	3°16	26°39	21°23	5°55	10°38	20°54	0°34	10°46	11° 7	4°26	n.a.	S 6
S 7	16 17 5	3°43'10	12♒ 2	11°31	4°30	27°16	21°34	5°57	10°35	20°55	0°32	10°46	11° 4	4°32	n.a.	S 7
M 8	16 21 2	4°40'18	25°36	13°32	5°43	27°54	21°45	5°59	10°33	20°57	0°31	10°47	11° 0	4°39	n.a.	M 8
T 9	16 24 58	5°37'27	8♓46	15°31	6°57	28°32	21°55	6° 1	10°31	20°59	0°29	10°R47	10°57	4°46	n.a.	T 9
W10	16 28 55	6°34'37	21°34	17°29	8°11	29° 9	22° 6	6° 2	10°28	21° 0	0°28	10°46	10°54	4°52	n.a.	W10
T 11	16 32 52	7°31'48	4♈ 3	19°25	9°25	29°47	22°17	6° 4	10°26	21° 2	0°26	10°46	10°51	4°59	n.a.	T 11
F 12	16 36 48	8°28'59	16°17	21°19	10°39	0♋25	22°28	6° 6	10°23	21° 4	0°25	10°46	10°48	5° 6	n.a.	F 12
S 13	16 40 45	9°26'12	28°20	23°12	11°53	1° 3	22°39	6° 9	10°21	21° 5	0°23	10°46	10°45	5°12	n.a.	S 13
S 14	16 44 41	10°23'26	10♉14	25° 3	13° 7	1°40	22°50	6°11	10°18	21° 7	0°22	10°D46	10°41	5°19	n.a.	S 14
M15	16 48 38	11°20'40	22° 4	26°52	14°21	2°18	23° 1	6°13	10°16	21° 9	0°21	10°46	10°38	5°26	n.a.	M15
T 16	16 52 34	12°17'56	3♊51	28°39	15°35	2°56	23°12	6°16	10°14	21°11	0°19	10°46	10°35	5°32	n.a.	T 16
W17	16 56 31	13°15'12	15°38	0♋25	16°49	3°34	23°24	6°18	10°11	21°13	0°18	10°R46	10°32	5°39	n.a.	W17
T 18	17 0 28	14°12'29	27°28	2° 9	18° 3	4°12	23°35	6°21	10° 9	21°14	0°16	10°46	10°29	5°45	n.a.	T 18
F 19	17 4 24	15° 9'48	9♋22	3°51	19°17	4°49	23°47	6°24	10° 6	21°16	0°15	10°45	10°26	5°52	n.a.	F 19
S 20	17 8 21	16° 7'07	21°24	5°32	20°31	5°27	23°58	6°26	10° 4	21°18	0°13	10°45	10°22	5°59	n.a.	S 20
S 21	17 12 17	17° 4'26	3♌35	7°10	21°45	6° 5	24°10	6°29	10° 2	21°20	0°12	10°44	10°19	6° 5	n.a.	S 21
M22	17 16 14	18° 1'47	15°58	8°47	22°59	6°43	24°21	6°32	9°59	21°22	0°11	10°43	10°16	6°12	n.a.	M22
T 23	17 20 10	18°59'08	28°37	10°23	24°13	7°21	24°33	6°35	9°57	21°24	0° 9	10°42	10°13	6°19	n.a.	T 23
W24	17 24 7	19°56'30	11♍34	11°56	25°27	7°59	24°45	6°39	9°55	21°26	0° 8	10°42	10°10	6°25	n.a.	W24
T 25	17 28 3	20°53'53	24°52	13°28	26°41	8°37	24°56	6°42	9°52	21°28	0° 6	10°D42	10° 6	6°32	n.a.	T 25
F 26	17 32 0	21°51'17	8♎34	14°58	27°55	9°15	25° 8	6°45	9°50	21°30	0° 5	10°42	10° 3	6°39	n.a.	F 26
S 27	17 35 57	22°48'42	22°39	16°26	29° 9	9°53	25°20	6°49	9°47	21°32	0° 4	10°43	10° 0	6°45	n.a.	S 27
S 28	17 39 53	23°46'07	7♏ 7	17°53	0♋23	10°31	25°32	6°52	9°45	21°34	0° 2	10°44	9°57	6°52	n.a.	S 28
M29	17 43 50	24°43'34	21°55	19°18	1°37	11° 9	25°44	6°56	9°43	21°36	0° 1	10°45	9°54	6°59	n.a.	M29
T 30	17 47 46	25♊41'01	6♐56	20♋41	2♋51	11♋47	25♋56	6♍59	9♐41	21♋38	29♏59	10°R45	9♊51	7♊ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 3	13s48	2n26	21n31	1n17	20n 1	0n11	24n52	1n12	23n16	1n 3	11n55	2n34	22s37	0s10	22n44	0n32	18s29	2n12	22n26	22n31	20n37		n.a.
T 2	20 16	19 5	1 7	22 5	1 24	20 20	0 13	24 54	1 12	23 15	1 3	11 54	2 34	22 37	0 11	22 44	0 32	18 29	2 12	22 26	22 31	20 39		n.a.
W 3	20 28	23 7	0s17	22 37	1 30	20 39	0 16	24 55	1 12	23 13	1 2	11 53	2 33	22 36	0 11	22 44	0 32	18 29	2 12	22 26	22 30	20 41		n.a.
T 4	20 40	25 29	1 39	23 7	1 35	20 57	0 18	24 57	1 12	23 11	1 2	11 53	2 33	22 36	0 11	22 43	0 32	18 29	2 11	22 26	22 30	20 43		n.a.
F 5	20 52	25 59	2 53	23 33	1 40	21 15	0 20	24 58	1 12	23 10	1 2	11 52	2 33	22 36	0 11	22 43	0 32	18 28	2 11	22 26	22 29	20 45		n.a.
S 6	21 4	24 43	3 54	23 57	1 44	21 32	0 23	24 59	1 12	23 8	1 2	11 51	2 33	22 35	0 11	22 43	0 32	18 28	2 11	22 26	22 29	20 47		n.a.
S 7	21 15	21 55	4 39	24 19	1 47	21 48	0 25	25 0	1 12	23 6	1 2	11 50	2 33	22 35	0 11	22 43	0 32	18 28	2 11	22 26	22 28	20 50		n.a.
M 8	21 26	17 59	5 7	24 37	1 50	22 4	0 27	25 1	1 12	23 4	1 2	11 49	2 32	22 35	0 11	22 42	0 32	18 28	2 11	22 26	22 28	20 52		n.a.
T 9	21 36	13 18	5 17	24 54	1 52	22 19	0 29	25 2	1 12	23 3	1 2	11 48	2 32	22 34	0 11	22 42	0 32	18 28	2 11	22 26	22 28	20 54		n.a.
W10	21 46	8 10	5 12	25 7	1 53	22 33	0 32	25 2	1 12	23 1	1 2	11 47	2 32	22 34	0 11	22 42	0 32	18 27	2 11	22 26	22 27	20 56		n.a.
T 11	21 56	2 49	4 52	25 18	1 54	22 47	0 34	25 2	1 12	22 59	1 2	11 46	2 32	22 33	0 11	22 42	0 32	18 27	2 11	22 26	22 27	20 58		n.a.
F 12	22 5	2n32	4 19	25 27	1 54	23 0	0 36	25 2	1 12	22 57	1 2	11 45	2 31	22 33	0 11	22 41	0 32	18 27	2 11	22 26	22 26	21 0		n.a.
S 13	22 14	7 43	3 35	25 33	1 53	23 13	0 38	25 2	1 12	22 55	1 2	11 44	2 31	22 33	0 11	22 41	0 32	18 27	2 11	22 26	22 26	21 2		n.a.
S 14	22 23	12 35	2 42	25 37	1 52	23 25	0 40	25 1	1 12	22 53	1 2	11 43	2 31	22 32	0 11	22 41	0 32	18 27	2 10	22 26	22 25	21 4		n.a.
M15	22 31	16 57	1 42	25 38	1 50	23 36	0 42	25 1	1 12	22 51	1 2	11 42	2 31	22 32	0 11	22 41	0 32	18 26	2 10	22 26	22 25	21 6		n.a.
T 16	22 39	20 39	0 38	25 38	1 48	23 47	0 44	25 0	1 12	22 49	1 2	11 41	2 30	22 32	0 11	22 40	0 32	18 26	2 10	22 26	22 24	21 8		n.a.
W17	22 46	23 30	0n27	25 36	1 45	23 56	0 46	24 59	1 12	22 47	1 2	11 40	2 30	22 31	0 11	22 40	0 32	18 26	2 10	22 26	22 24	21 10		n.a.
T 18	22 53	25 20	1 32	25 31	1 42	24 6	0 48	24 58	1 12	22 45	1 2	11 39	2 30	22 31	0 11	22 40	0 32	18 26	2 10	22 26	22 23	21 12		n.a.
F 19	23 0	26 2	2 32	25 25	1 38	24 14	0 50	24 57	1 12	22 43	1 2	11 38	2 30	22 31	0 11	22 39	0 32	18 26	2 10	22 26	22 23	21 14		n.a.
S 20	23 6	25 31	3 27	25 17	1 34	24 22	0 52	24 55	1 12	22 41	1 2	11 36	2 30	22 30	0 11	22 39	0 32	18 25	2 10	22 26	22 23	21 16		n.a.
S 21	23 12	23 46	4 13	25 7	1 29	24 29	0 54	24 53	1 12	22 39	1 2	11 35	2 29	22 30	0 11	22 39	0 32	18 25	2 10	22 26	22 22	21 19		n.a.
M22	23 17	20 53	4 48	24 56	1 24	24 35	0 56	24 52	1 12	22 37	1 2	11 34	2 29	22 30	0 11	22 39	0 32	18 25	2 9	22 26	22 22	21 21		n.a.
T 23	23 22	16 59	5 10	24 43	1 18	24 40	0 58	24 50	1 12	22 35	1 2	11 32	2 29	22 29	0 11	22 38	0 32	18 25	2 9	22 25	22 21	21 23		n.a.
W24	23 27	12 13	5 17	24 29	1 12	24 45	0 59	24 47	1 12	22 33	1 2	11 31	2 29	22 29	0 11	22 38	0 32	18 25	2 9	22 25	22 21	21 25		n.a.
T 25	23 31	6 46	5 8	24 14	1 6	24 49	1 1	24 45	1 12	22 30	1 2	11 29	2 28	22 29	0 11	22 38	0 32	18 25	2 9	22 25	22 20	21 27		n.a.
F 26	23 35	0 50	4 41	23 57	0 59	24 52	1 3	24 42	1 12	22 28	1 2	11 28	2 28	22 28	0 11	22 37	0 32	18 24	2 9	22 25	22 20	21 29		n.a.
S 27	23 38	5s18	3 56	23 40	0 52	24 55	1 4	24 39	1 12	22 26	1 2	11 27	2 28	22 28	0 11	22 37	0 32	18 24	2 9	22 25	22 19	21 31		n.a.
S 28	23 41	11 21	2 56	23 21	0 44	24 56	1 6	24 36	1 12	22 24	1 2	11 25	2 28	22 28	0 11	22 37	0 32	18 24	2 9	22 26	22 19	21 33		n.a.
M29	23 44	16 54	1 43	23 1	0 36	24 57	1 8	24 33	1 12	22 21	1 2	11 23	2 28	22 27	0 11	22 36	0 32	18 24	2 9	22 26	22 18	21 35		n.a.
T 30	23n46	21s29	0n21	22n41	0n28	24n57	1n 9	24n30	1n12	22n19	1n 2	11n22	2n27	22s27	0s11	22n36	0n32	18s24	2n 8	22n26	22n18	21n37		n.a.

Julian Day Number = 1283274.5, Delta T = 08h06m07s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'58, Lahiri = -20°30'57 Julian Calendar 1 June 1200 BCE == Greg. Calendar 21 May 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

JULY 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 51 43	26♊38'30	22♐ 4	22♋ 2	4♋ 6	12♋25	26♋ 8	7♍ 3	9°R38	21♋40	29°R58	10°R45	9♊47	7♊12	n.a.	W 1
T 2	17 55 39	27°36'01	7♉ 9	23°21	5°20	13° 4	26°20	7° 7	9♐36	21°42	29♏57	10♊44	9°44	7°19	n.a.	T 2
F 3	17 59 36	28°33'32	22° 2	24°38	6°34	13°42	26°33	7°11	9°34	21°44	29°56	10°42	9°41	7°25	n.a.	F 3
S 4	18 3 33	29°31'05	6♒36	25°54	7°48	14°20	26°45	7°15	9°32	21°46	29°55	10°40	9°38	7°32	n.a.	S 4
S 5	18 7 29	0♋28'40	20°46	27° 7	9° 2	14°58	26°57	7°19	9°29	21°48	29°53	10°37	9°35	7°38	n.a.	S 5
M 6	18 11 26	1°26'16	4♓28	28°18	10°16	15°36	27° 9	7°23	9°27	21°50	29°52	10°35	9°32	7°45	n.a.	M 6
T 7	18 15 22	2°23'54	17°43	29°27	11°31	16°14	27°22	7°27	9°25	21°53	29°51	10°33	9°28	7°52	n.a.	T 7
W 8	18 19 19	3°21'33	0♈33	0♌33	12°45	16°53	27°34	7°31	9°23	21°55	29°50	10°D33	9°25	7°58	n.a.	W 8
T 9	18 23 15	4°19'15	13° 1	1°37	13°59	17°31	27°47	7°36	9°21	21°57	29°49	10°33	9°22	8° 5	n.a.	T 9
F 10	18 27 12	5°16'58	25°12	2°39	15°13	18° 9	27°59	7°40	9°19	21°59	29°47	10°34	9°19	8°12	n.a.	F 10
S 11	18 31 8	6°14'42	7♉10	3°38	16°27	18°48	28°12	7°44	9°17	22° 1	29°46	10°36	9°16	8°18	n.a.	S 11
S 12	18 35 5	7°12'29	19° 1	4°34	17°42	19°26	28°24	7°49	9°15	22° 3	29°45	10°37	9°12	8°25	n.a.	S 12
M13	18 39 1	8°10'18	0♊48	5°28	18°56	20° 4	28°37	7°54	9°13	22° 5	29°44	10°39	9° 9	8°32	n.a.	M13
T 14	18 42 58	9° 8'08	12°35	6°18	20°10	20°43	28°49	7°58	9°11	22° 8	29°43	10°R39	9° 6	8°38	n.a.	T 14
W15	18 46 55	10° 6'00	24°25	7° 5	21°25	21°21	29° 2	8° 3	9° 9	22°10	29°42	10°38	9° 3	8°45	n.a.	W15
T 16	18 50 51	11° 3'54	6♋22	7°49	22°39	22° 0	29°15	8° 8	9° 7	22°12	29°41	10°36	9° 0	8°52	n.a.	T 16
F 17	18 54 48	12° 1'50	18°26	8°28	23°53	22°38	29°27	8°13	9° 5	22°14	29°40	10°32	8°57	8°58	n.a.	F 17
S 18	18 58 44	12°59'47	0♌39	9° 4	25° 7	23°17	29°40	8°18	9° 3	22°16	29°39	10°27	8°53	9° 5	n.a.	S 18
S 19	19 2 41	13°57'46	13° 4	9°36	26°22	23°55	29°53	8°23	9° 1	22°19	29°38	10°21	8°50	9°12	n.a.	S 19
M20	19 6 37	14°55'46	25°41	10° 4	27°36	24°34	0♌ 6	8°28	8°59	22°21	29°37	10°15	8°47	9°18	n.a.	M20
T 21	19 10 34	15°53'49	8♍31	10°27	28°50	25°12	0°18	8°33	8°58	22°23	29°36	10°10	8°44	9°25	n.a.	T 21
W22	19 14 31	16°51'52	21°35	10°45	0♌ 5	25°51	0°31	8°38	8°56	22°25	29°35	10° 6	8°41	9°31	n.a.	W22
T 23	19 18 27	17°49'57	4♎55	10°58	1°19	26°30	0°44	8°44	8°54	22°27	29°34	10° 4	8°38	9°38	n.a.	T 23
F 24	19 22 24	18°48'04	18°32	11° 5	2°33	27° 8	0°57	8°49	8°52	22°30	29°33	10°D 3	8°34	9°45	n.a.	F 24
S 25	19 26 20	19°46'12	2♏26	11°R 7	3°48	27°47	1°10	8°54	8°51	22°32	29°33	10° 4	8°31	9°51	n.a.	S 25
S 26	19 30 17	20°44'22	16°38	11° 3	5° 2	28°26	1°23	9° 0	8°49	22°34	29°32	10° 5	8°28	9°58	n.a.	S 26
M27	19 34 13	21°42'33	1♐ 7	10°52	6°16	29° 4	1°36	9° 5	8°48	22°36	29°31	10° 6	8°25	10° 5	n.a.	M27
T 28	19 38 10	22°40'47	15°48	10°35	7°31	29°43	1°49	9°11	8°46	22°39	29°30	10°R 6	8°22	10°11	n.a.	T 28
W29	19 42 6	23°39'02	0♉39	10°12	8°45	0♌22	2° 2	9°17	8°45	22°41	29°30	10° 5	8°18	10°18	n.a.	W29
T 30	19 46 3	24°37'19	15°30	9°43	9°59	1° 1	2°15	9°22	8°43	22°43	29°29	10° 1	8°15	10°25	n.a.	T 30
F 31	19 49 59	25♋35'37	0♒15	9♌ 7	11♌14	1♌40	2♌28	9♍28	8♐42	22♋45	29♏28	9♊56	8♊12	10♊31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	24s38	1s 2	22n20	0n20	24n57	1n10	24n26	1n12	22n17	1n 2	11n20	2n27	22s27	0s11	22n36	0n32	18s24	2n 8	22n26	22n17	21n39			n.a.
T 2	23 49	25 59	2 21	21 58	0 11	24 56	1 12	24 22	1 12	22 14	1 2	11 19	2 27	22 26	0 11	22 35	0 32	18 23	2 8	22 26	22 17	21 41			n.a.
F 3	23 50	25 26	3 29	21 35	0 2	24 53	1 13	24 18	1 11	22 12	1 1	11 17	2 27	22 26	0 11	22 35	0 32	18 23	2 8	22 25	22 16	21 43			n.a.
S 4	23 50	23 9	4 22	21 12	0s 7	24 51	1 14	24 14	1 11	22 10	1 1	11 15	2 27	22 26	0 11	22 35	0 32	18 23	2 8	22 25	22 16	21 45			n.a.
S 5	23 50	19 29	4 57	20 49	0 17	24 47	1 16	24 10	1 11	22 7	1 1	11 14	2 26	22 25	0 11	22 34	0 32	18 23	2 8	22 25	22 15	21 47			n.a.
M 6	23 50	14 53	5 14	20 25	0 27	24 43	1 17	24 5	1 11	22 5	1 1	11 12	2 26	22 25	0 11	22 34	0 32	18 23	2 8	22 24	22 15	21 49			n.a.
T 7	23 49	9 43	5 13	20 1	0 37	24 37	1 18	24 1	1 11	22 2	1 1	11 10	2 26	22 25	0 11	22 34	0 32	18 23	2 8	22 24	22 14	21 51			n.a.
W 8	23 48	4 18	4 57	19 36	0 47	24 32	1 19	23 56	1 11	22 0	1 1	11 8	2 26	22 24	0 11	22 33	0 32	18 23	2 7	22 24	22 14	21 52			n.a.
T 9	23 46	1n 8	4 26	19 12	0 57	24 25	1 20	23 51	1 11	21 57	1 1	11 6	2 26	22 24	0 11	22 33	0 32	18 23	2 7	22 24	22 13	21 54			n.a.
F 10	23 44	6 26	3 45	18 48	1 7	24 18	1 21	23 45	1 11	21 55	1 1	11 5	2 25	22 24	0 11	22 33	0 32	18 22	2 7	22 24	22 13	21 56			n.a.
S 11	23 41	11 24	2 54	18 24	1 18	24 9	1 22	23 40	1 11	21 52	1 1	11 3	2 25	22 23	0 11	22 32	0 32	18 22	2 7	22 24	22 12	21 58			n.a.
S 12	23 38	15 54	1 56	18 0	1 29	24 1	1 23	23 34	1 11	21 50	1 1	11 1	2 25	22 23	0 11	22 32	0 32	18 22	2 7	22 25	22 12	22 0			n.a.
M13	23 35	19 47	0 54	17 37	1 40	23 51	1 23	23 29	1 11	21 47	1 1	10 59	2 25	22 23	0 11	22 32	0 32	18 22	2 7	22 25	22 11	22 2			n.a.
T 14	23 31	22 51	0n11	17 14	1 51	23 41	1 24	23 23	1 11	21 44	1 2	10 57	2 25	22 22	0 11	22 31	0 32	18 22	2 7	22 25	22 11	22 4			n.a.
W15	23 27	24 58	1 15	16 51	2 2	23 30	1 25	23 16	1 11	21 42	1 2	10 55	2 25	22 22	0 11	22 31	0 33	18 22	2 6	22 25	22 10	22 6			n.a.
T 16	23 22	25 57	2 16	16 29	2 12	23 18	1 25	23 10	1 11	21 39	1 2	10 53	2 24	22 22	0 11	22 31	0 33	18 22	2 6	22 24	22 10	22 8			n.a.
F 17	23 17	25 43	3 12	16 8	2 23	23 6	1 26	23 4	1 11	21 36	1 2	10 51	2 24	22 21	0 11	22 30	0 33	18 22	2 6	22 24	22 9	22 10			n.a.
S 18	23 11	24 15	4 0	15 48	2 34	22 52	1 26	22 57	1 10	21 34	1 2	10 49	2 24	22 21	0 11	22 30	0 33	18 22	2 6	22 23	22 9	22 12			n.a.
S 19	23 6	21 35	4 37	15 30	2 45	22 39	1 27	22 50	1 10	21 31	1 2	10 47	2 24	22 21	0 11	22 29	0 33	18 22	2 6	22 22	22 8	22 14			n.a.
M20	22 59	17 53	5 1	15 12	2 56	22 24	1 27	22 43	1 10	21 28	1 2	10 45	2 24	22 21	0 11	22 29	0 33	18 22	2 6	22 22	22 8	22 16			n.a.
T 21	22 52	13 18	5 11	14 56	3 6	22 9	1 27	22 36	1 10	21 25	1 2	10 43	2 24	22 20	0 11	22 29	0 33	18 22	2 6	22 21	22 7	22 18			n.a.
W22	22 45	8 3	5 5	14 41	3 16	21 53	1 27	22 29	1 10	21 23	1 2	10 40	2 23	22 20	0 11	22 28	0 33	18 21	2 5	22 20	22 7	22 19			n.a.
T 23	22 38	2 20	4 43	14 29	3 26	21 37	1 27	22 21	1 10	21 20	1 2	10 38	2 23	22 20	0 11	22 28	0 33	18 21	2 5	22 20	22 6	22 21			n.a.
F 24	22 30	3s37	4 4	14 18	3 35	21 20	1 27	22 13	1 10	21 17	1 2	10 36	2 23	22 20	0 11	22 28	0 33	18 21	2 5	22 20	22 6	22 23			n.a.
S 25	22 21	9 33	3 10	14 9	3 43	21 2	1 27	22 5	1 10	21 14	1 2	10 34	2 23	22 19	0 11	22 27	0 33	18 21	2 5	22 20	22 5	22 25			n.a.
S 26	22 12	15 6	2 4	14 3	3 51	20 44	1 27	21 57	1 10	21 11	1 2	10 32	2 23	22 19	0 11	22 27	0 33	18 21	2 5	22 20	22 5	22 27			n.a.
M27	22 3	19 56	0 49	13 59	3 58	20 25	1 27	21 49	1 10	21 8	1 2	10 29	2 23	22 19	0 11	22 27	0 33	18 21	2 5	22 20	22 4	22 29			n.a.
T 28	21 54	23 35	0s31	13 57	4 4	20 6	1 27	21 41	1 9	21 5	1 2	10 27	2 22	22 19	0 11	22 26	0 33	18 21	2 4	22 20	22 4	22 31			n.a.
W29	21 44	25 39	1 49	13 59	4 9	19 46	1 27	21 32	1 9	21 2	1 2	10 25	2 22	22 18	0 11	22 26	0 33	18 21	2 4	22 20	22 3	22 33			n.a.
T 30	21 33	25 54	3 0	14 3	4 13	19 25	1 26	21 23	1 9	21 0	1 2	10 23	2 22	22 18	0 11	22 25	0 33	18 21	2 4	22 19	22 3	22 34			n.a.
F 31	21n23	24s18	3s58	14n10	4s15	19n 4	1n26	21n15	1n 9	20n57	1n 2	10n20	2n22	22s18	0s11	22n25	0n33	18s21	2n 4	22n19	22n 2	22n36			n.a.

Julian Day Number = 1283304.5, Delta T = 08h06m05s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'54, Lahiri = -20°30'53 Julian Calendar 1 July 1200 BCE == Greg. Calendar 20 June 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

AUGUST 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 56	26♋33'58	14♒46	8°R25	12♌28	2♌18	2♌41	9♍34	8°R40	22♋47	29°R27	9°R49	8♊ 9	10♊38	n.a.	S 1
S 2	19 57 53	27°32'20	28°56	7♌38	13°43	2°57	2°54	9°40	8♐39	22°50	29♏27	9♊41	8° 6	10°45	n.a.	S 2
M 3	20 1 49	28°30'45	12♓42	6°45	14°57	3°36	3° 7	9°46	8°38	22°52	29°26	9°34	8° 3	10°51	n.a.	M 3
T 4	20 5 46	29°29'12	26° 0	5°49	16°11	4°15	3°20	9°52	8°37	22°54	29°26	9°28	7°59	10°58	n.a.	T 4
W 5	20 9 42	0♌27'42	8♈53	4°49	17°26	4°54	3°33	9°58	8°35	22°56	29°25	9°23	7°56	11° 5	n.a.	W 5
T 6	20 13 39	1°26'13	21°23	3°48	18°40	5°33	3°46	10° 4	8°34	22°59	29°25	9°21	7°53	11°11	n.a.	T 6
F 7	20 17 35	2°24'47	3♉35	2°46	19°54	6°12	3°59	10°10	8°33	23° 1	29°24	9°D20	7°50	11°18	n.a.	F 7
S 8	20 21 32	3°23'23	15°33	1°44	21° 9	6°51	4°12	10°16	8°32	23° 3	29°24	9°21	7°47	11°24	n.a.	S 8
S 9	20 25 28	4°22'02	27°23	0°45	22°23	7°30	4°25	10°22	8°31	23° 5	29°23	9°22	7°44	11°31	n.a.	S 9
M10	20 29 25	5°20'43	9♊10	29♋50	23°37	8°10	4°38	10°28	8°30	23° 7	29°23	9°R22	7°40	11°38	n.a.	M10
T 11	20 33 22	6°19'26	20°59	29° 0	24°52	8°49	4°51	10°34	8°29	23°10	29°22	9°22	7°37	11°44	n.a.	T 11
W12	20 37 18	7°18'12	2♋54	28°16	26° 6	9°28	5° 4	10°41	8°28	23°12	29°22	9°19	7°34	11°51	n.a.	W12
T 13	20 41 15	8°17'00	14°58	27°40	27°20	10° 7	5°17	10°47	8°27	23°14	29°22	9°13	7°31	11°58	n.a.	T 13
F 14	20 45 11	9°15'51	27°14	27°12	28°35	10°46	5°30	10°54	8°27	23°16	29°22	9° 6	7°28	12° 4	n.a.	F 14
S 15	20 49 8	10°14'43	9♌44	26°53	29°49	11°26	5°44	11° 0	8°26	23°18	29°21	8°56	7°24	12°11	n.a.	S 15
S 16	20 53 4	11°13'37	22°27	26°D44	1♍ 4	12° 5	5°57	11° 6	8°25	23°20	29°21	8°45	7°21	12°18	n.a.	S 16
M17	20 57 1	12°12'34	5♍24	26°45	2°18	12°44	6°10	11°13	8°24	23°23	29°21	8°33	7°18	12°24	n.a.	M17
T 18	21 0 57	13°11'33	18°33	26°57	3°32	13°24	6°23	11°19	8°24	23°25	29°21	8°23	7°15	12°31	n.a.	T 18
W19	21 4 54	14°10'33	1♎54	27°17	4°47	14° 3	6°36	11°26	8°23	23°27	29°21	8°15	7°12	12°38	n.a.	W19
T 20	21 8 50	15° 9'36	15°26	27°48	6° 1	14°43	6°49	11°33	8°23	23°29	29°20	8° 9	7° 9	12°44	n.a.	T 20
F 21	21 12 47	16° 8'40	29° 8	28°28	7°15	15°22	7° 2	11°39	8°22	23°31	29°20	8° 5	7° 5	12°51	n.a.	F 21
S 22	21 16 44	17° 7'47	13♏ 0	29°16	8°30	16° 2	7°15	11°46	8°22	23°33	29°20	8°D 4	7° 2	12°57	n.a.	S 22
S 23	21 20 40	18° 6'55	27° 2	0♌12	9°44	16°41	7°28	11°53	8°22	23°35	29°D20	8° 4	6°59	13° 4	n.a.	S 23
M24	21 24 37	19° 6'05	11♐14	1°16	10°58	17°21	7°41	11°59	8°21	23°37	29°20	8°R 4	6°56	13°11	n.a.	M24
T 25	21 28 33	20° 5'18	25°34	2°26	12°13	18° 0	7°54	12° 6	8°21	23°39	29°20	8° 3	6°53	13°17	n.a.	T 25
W26	21 32 30	21° 4'32	10♑ 0	3°42	13°27	18°40	8° 6	12°13	8°21	23°41	29°20	8° 0	6°49	13°24	n.a.	W26
T 27	21 36 26	22° 3'48	24°27	5° 3	14°41	19°20	8°19	12°20	8°21	23°43	29°21	7°54	6°46	13°31	n.a.	T 27
F 28	21 40 23	23° 3'06	8♒51	6°29	15°55	19°59	8°32	12°27	8°21	23°45	29°21	7°45	6°43	13°37	n.a.	F 28
S 29	21 44 19	24° 2'26	23° 5	7°59	17°10	20°39	8°45	12°34	8°21	23°47	29°21	7°34	6°40	13°44	n.a.	S 29
S 30	21 48 16	25° 1'49	7♓ 3	9°32	18°24	21°19	8°58	12°40	8°D21	23°49	29°21	7°22	6°37	13°51	n.a.	S 30
M31	21 52 13	26♌ 1'13	20♓41	11♌ 8	19♍38	21♌59	9♌11	12♍47	8♐21	23♋51	29♏21	7♊10	6♊34	13♊57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n11	21s 7	4s39	14n21	4s16	18n42	1n25	21n 5	1n 9	20n54	1n 2	10n18	2n22	22s18	0s11	22n25	0n33	18s21	2n 4	22n17	22n 2	22n38		n.a.
S 2	21 0	16 45	5 3	14 34	4 15	18 20	1 25	20 56	1 9	20 51	1 2	10 15	2 22	22 17	0 11	22 24	0 33	18 21	2 4	22 16	22 1	22 40		n.a.
M 3	20 48	11 37	5 7	14 50	4 12	17 57	1 24	20 47	1 9	20 48	1 2	10 13	2 22	22 17	0 11	22 24	0 33	18 21	2 4	22 15	22 1	22 42		n.a.
T 4	20 36	6 7	4 55	15 8	4 7	17 34	1 23	20 37	1 8	20 44	1 2	10 11	2 22	22 17	0 11	22 24	0 33	18 21	2 3	22 14	22 0	22 44		n.a.
W 5	20 23	0 31	4 28	15 29	4 0	17 11	1 23	20 28	1 8	20 41	1 2	10 8	2 21	22 17	0 11	22 23	0 33	18 21	2 3	22 14	22 0	22 45		n.a.
T 6	20 10	4n56	3 49	15 53	3 51	16 46	1 22	20 18	1 8	20 38	1 2	10 6	2 21	22 17	0 11	22 23	0 33	18 21	2 3	22 13	21 59	22 47		n.a.
F 7	19 57	10 6	3 0	16 17	3 41	16 22	1 21	20 8	1 8	20 35	1 2	10 3	2 21	22 17	0 11	22 23	0 33	18 22	2 3	22 13	21 59	22 49		n.a.
S 8	19 43	14 47	2 5	16 44	3 28	15 57	1 20	19 58	1 8	20 32	1 2	10 1	2 21	22 16	0 11	22 22	0 33	18 22	2 3	22 13	21 58	22 51		n.a.
S 9	19 29	18 52	1 4	17 11	3 13	15 31	1 19	19 47	1 8	20 29	1 2	9 58	2 21	22 16	0 11	22 22	0 33	18 22	2 3	22 13	21 58	22 53		n.a.
M10	19 15	22 11	0 1	17 38	2 57	15 5	1 18	19 37	1 8	20 26	1 2	9 56	2 21	22 16	0 11	22 22	0 33	18 22	2 2	22 14	21 57	22 54		n.a.
T 11	19 0	24 33	1n 2	18 5	2 40	14 39	1 17	19 26	1 7	20 23	1 3	9 53	2 21	22 16	0 11	22 21	0 33	18 22	2 2	22 13	21 57	22 56		n.a.
W12	18 45	25 51	2 3	18 32	2 22	14 12	1 15	19 16	1 7	20 20	1 3	9 51	2 21	22 16	0 11	22 21	0 33	18 22	2 2	22 13	21 56	22 58		n.a.
T 13	18 30	25 56	2 59	18 58	2 3	13 45	1 14	19 5	1 7	20 16	1 3	9 48	2 21	22 16	0 11	22 20	0 33	18 22	2 2	22 12	21 56	23 0		n.a.
F 14	18 14	24 46	3 47	19 22	1 44	13 18	1 13	18 54	1 7	20 13	1 3	9 46	2 20	22 16	0 11	22 20	0 33	18 22	2 2	22 11	21 55	23 2		n.a.
S 15	17 58	22 22	4 25	19 45	1 25	12 50	1 11	18 42	1 7	20 10	1 3	9 43	2 20	22 15	0 11	22 20	0 33	18 22	2 2	22 9	21 55	23 3		n.a.
S 16	17 42	18 50	4 51	20 5	1 6	12 22	1 10	18 31	1 7	20 7	1 3	9 41	2 20	22 15	0 11	22 19	0 33	18 22	2 1	22 8	21 54	23 5		n.a.
M17	17 25	14 22	5 3	20 23	0 47	11 53	1 8	18 20	1 6	20 4	1 3	9 38	2 20	22 15	0 11	22 19	0 33	18 22	2 1	22 6	21 54	23 7		n.a.
T 18	17 8	9 10	4 58	20 39	0 29	11 25	1 7	18 8	1 6	20 0	1 3	9 35	2 20	22 15	0 11	22 19	0 33	18 22	2 1	22 4	21 53	23 9		n.a.
W19	16 51	3 28	4 38	20 52	0 12	10 55	1 5	17 56	1 6	19 57	1 3	9 33	2 20	22 15	0 11	22 18	0 33	18 23	2 1	22 3	21 52	23 10		n.a.
T 20	16 33	2s28	4 2	21 2	0n 5	10 26	1 3	17 44	1 6	19 54	1 3	9 30	2 20	22 15	0 11	22 18	0 33	18 23	2 1	22 2	21 52	23 12		n.a.
F 21	16 16	8 22	3 11	21 9	0 20	9 56	1 2	17 32	1 6	19 51	1 3	9 27	2 20	22 15	0 11	22 18	0 33	18 23	2 1	22 1	21 51	23 14		n.a.
S 22	15 58	13 57	2 9	21 12	0 34	9 27	1 0	17 20	1 5	19 47	1 3	9 25	2 20	22 15	0 11	22 17	0 33	18 23	2 1	22 1	21 51	23 16		n.a.
S 23	15 39	18 53	0 58	21 13	0 47	8 56	0 58	17 8	1 5	19 44	1 3	9 22	2 20	22 15	0 11	22 17	0 33	18 23	2 0	22 1	21 50	23 17		n.a.
M24	15 21	22 47	0s17	21 10	0 59	8 26	0 56	16 55	1 5	19 41	1 3	9 19	2 20	22 15	0 11	22 17	0 33	18 23	2 0	22 1	21 50	23 19		n.a.
T 25	15 2	25 17	1 32	21 5	1 10	7 55	0 54	16 43	1 5	19 37	1 4	9 17	2 20	22 15	0 11	22 16	0 33	18 23	2 0	22 1	21 49	23 21		n.a.
W26	14 43	26 8	2 41	20 56	1 19	7 25	0 52	16 30	1 5	19 34	1 4	9 14	2 20	22 15	0 11	22 16	0 33	18 24	2 0	22 0	21 49	23 22		n.a.
T 27	14 23	25 11	3 40	20 44	1 27	6 54	0 50	16 17	1 4	19 31	1 4	9 11	2 20	22 15	0 11	22 16	0 33	18 24	2 0	21 59	21 48	23 24		n.a.
F 28	14 4	22 35	4 24	20 29	1 34	6 22	0 48	16 4	1 4	19 27	1 4	9 9	2 19	22 15	0 11	22 15	0 33	18 24	2 0	21 58	21 48	23 26		n.a.
S 29	13 44	18 38	4 52	20 11	1 40	5 51	0 46	15 51	1 4	19 24	1 4	9 6	2 19	22 15	0 11	22 15	0 33	18 24	1 59	21 56	21 47	23 28		n.a.
S 30	13 24	13 42	5 1	19 51	1 45	5 20	0 43	15 38	1 4	19 21	1 4	9 3	2 19	22 15	0 11	22 15	0 33	18 24	1 59	21 54	21 46	23 29		n.a.
M31	13n 3	8s13	4s53	19n28	1n49	4n48	0n41	15n25	1n 4	19n17	1n 4	9n 0	2n19	22s15	0s11	22n14	0n33	18s25	1n59	21n52	21n46	23n31		n.a.

Julian Day Number = 1283335.5, Delta T = 08h06m04s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'49, Lahiri = -20°30'49 Julian Calendar 1 Aug. 1200 BCE == Greg. Calendar 21 July 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

SEPTEMBER 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 9	27♌ 0'40	3♈57	12♌46	20♍52	22♌39	9♌23	12♍54	8♐21	23♋53	29♏21	7°R 0	6♊30	14♊ 4	n.a.	T 1
W 2	22 0 6	28° 0'09	16°49	14°25	22° 7	23°18	9°36	13° 1	8°21	23°55	29°22	6♊52	6°27	14°11	n.a.	W 2
T 3	22 4 2	28°59'40	29°19	16° 7	23°21	23°58	9°49	13° 8	8°21	23°57	29°22	6°46	6°24	14°17	n.a.	T 3
F 4	22 7 59	29°59'14	11♉32	17°49	24°35	24°38	10° 2	13°15	8°21	23°59	29°22	6°43	6°21	14°24	n.a.	F 4
S 5	22 11 55	0♍58'51	23°31	19°32	25°49	25°18	10°14	13°22	8°22	24° 1	29°23	6°42	6°18	14°31	n.a.	S 5
S 6	22 15 52	1°58'30	5♊21	21°16	27° 3	25°58	10°27	13°29	8°22	24° 3	29°23	6°42	6°15	14°37	n.a.	S 6
M 7	22 19 48	2°58'11	17° 9	23° 0	28°17	26°38	10°39	13°36	8°22	24° 4	29°24	6°42	6°11	14°44	n.a.	M 7
T 8	22 23 45	3°57'55	28°59	24°44	29°32	27°18	10°52	13°43	8°23	24° 6	29°24	6°40	6° 8	14°50	n.a.	T 8
W 9	22 27 41	4°57'41	10♋57	26°28	0♎46	27°58	11° 4	13°50	8°23	24° 8	29°25	6°37	6° 5	14°57	n.a.	W 9
T 10	22 31 38	5°57'30	23° 7	28°12	2° 0	28°39	11°17	13°57	8°24	24°10	29°25	6°30	6° 2	15° 4	n.a.	T 10
F 11	22 35 35	6°57'21	5♌33	29°56	3°14	29°19	11°29	14° 4	8°24	24°12	29°26	6°21	5°59	15°10	n.a.	F 11
S 12	22 39 31	7°57'14	18°17	1♍39	4°28	29°59	11°42	14°12	8°25	24°13	29°26	6°10	5°55	15°17	n.a.	S 12
S 13	22 43 28	8°57'09	1♍19	3°22	5°42	0♍39	11°54	14°19	8°26	24°15	29°27	5°57	5°52	15°24	n.a.	S 13
M14	22 47 24	9°57'06	14°38	5° 5	6°56	1°20	12° 6	14°26	8°27	24°17	29°28	5°43	5°49	15°30	n.a.	M14
T 15	22 51 21	10°57'05	28°12	6°47	8°11	2° 0	12°19	14°33	8°27	24°18	29°28	5°31	5°46	15°37	n.a.	T 15
W16	22 55 17	11°57'07	11♎57	8°29	9°25	2°40	12°31	14°40	8°28	24°20	29°29	5°20	5°43	15°44	n.a.	W16
T 17	22 59 14	12°57'10	25°52	10°10	10°39	3°21	12°43	14°47	8°29	24°22	29°30	5°13	5°40	15°50	n.a.	T 17
F 18	23 3 10	13°57'15	9♏51	11°51	11°53	4° 1	12°55	14°54	8°30	24°23	29°31	5° 9	5°36	15°57	n.a.	F 18
S 19	23 7 7	14°57'22	23°54	13°31	13° 7	4°42	13° 7	15° 1	8°31	24°25	29°31	5° 7	5°33	16° 4	n.a.	S 19
S 20	23 11 3	15°57'30	7♐59	15°11	14°21	5°22	13°19	15° 9	8°32	24°26	29°32	5° 6	5°30	16°10	n.a.	S 20
M21	23 15 0	16°57'41	22° 4	16°50	15°35	6° 3	13°31	15°16	8°33	24°28	29°33	5° 6	5°27	16°17	n.a.	M21
T 22	23 18 57	17°57'53	6♑10	18°28	16°49	6°43	13°43	15°23	8°35	24°29	29°34	5° 5	5°24	16°24	n.a.	T 22
W23	23 22 53	18°58'06	20°14	20° 7	18° 3	7°24	13°55	15°30	8°36	24°31	29°35	5° 2	5°21	16°30	n.a.	W23
T 24	23 26 50	19°58'22	4♒16	21°44	19°17	8° 4	14° 7	15°37	8°37	24°32	29°36	4°56	5°17	16°37	n.a.	T 24
F 25	23 30 46	20°58'39	18°13	23°21	20°31	8°45	14°18	15°44	8°38	24°34	29°37	4°47	5°14	16°44	n.a.	F 25
S 26	23 34 43	21°58'57	2♓ 1	24°58	21°44	9°26	14°30	15°51	8°40	24°35	29°38	4°36	5°11	16°50	n.a.	S 26
S 27	23 38 39	22°59'18	15°36	26°34	22°58	10° 7	14°41	15°58	8°41	24°37	29°39	4°24	5° 8	16°57	n.a.	S 27
M28	23 42 36	23°59'40	28°57	28°10	24°12	10°47	14°53	16° 5	8°43	24°38	29°40	4°12	5° 5	17° 3	n.a.	M28
T 29	23 46 32	25° 0'04	11♈59	29°46	25°26	11°28	15° 4	16°12	8°44	24°39	29°41	4° 1	5° 1	17°10	n.a.	T 29
W30	23 50 29	26♍ 0'30	24♈43	1♎21	26♎40	12♍ 9	15♌16	16♍19	8♐46	24♋40	29♏42	3♊53	4♊58	17♊17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n43	2s30	4s29	19n 3	1n52	4n16	0n39	15n12	1n 3	19n14	1n 4	8n58	2n19	22s15	0s11	22n14	0n33	18s25	1n59	21n50	21n45	23n33		n.a.
W 2	12 22	3n 9	3 52	18 36	1 54	3 44	0 36	14 58	1 3	19 11	1 4	8 55	2 19	22 15	0 11	22 14	0 33	18 25	1 59	21 49	21 45	23 34		n.a.
T 3	12 1	8 33	3 4	18 6	1 55	3 12	0 34	14 44	1 3	19 7	1 4	8 52	2 19	22 15	0 11	22 13	0 33	18 25	1 59	21 48	21 44	23 36		n.a.
F 4	11 40	13 30	2 9	17 35	1 56	2 40	0 32	14 31	1 3	19 4	1 5	8 49	2 19	22 15	0 11	22 13	0 33	18 26	1 58	21 48	21 44	23 38		n.a.
S 5	11 18	17 51	1 9	17 2	1 56	2 8	0 29	14 17	1 2	19 0	1 5	8 47	2 19	22 15	0 11	22 13	0 33	18 26	1 58	21 47	21 43	23 39		n.a.
S 6	10 57	21 26	0 7	16 27	1 55	1 36	0 27	14 3	1 2	18 57	1 5	8 44	2 19	22 15	0 11	22 12	0 33	18 26	1 58	21 47	21 43	23 41		n.a.
M 7	10 35	24 7	0n55	15 51	1 53	1 3	0 24	13 49	1 2	18 54	1 5	8 41	2 19	22 15	0 11	22 12	0 33	18 26	1 58	21 47	21 42	23 43		n.a.
T 8	10 13	25 45	1 55	15 14	1 51	0 31	0 22	13 34	1 2	18 50	1 5	8 38	2 19	22 15	0 11	22 12	0 33	18 27	1 58	21 47	21 41	23 44		n.a.
W 9	9 51	26 13	2 51	14 36	1 49	0s 1	0 19	13 20	1 1	18 47	1 5	8 35	2 19	22 15	0 11	22 11	0 33	18 27	1 58	21 46	21 41	23 46		n.a.
T 10	9 29	25 25	3 39	13 57	1 46	0 34	0 16	13 6	1 1	18 44	1 5	8 33	2 19	22 15	0 11	22 11	0 33	18 27	1 57	21 45	21 40	23 47		n.a.
F 11	9 6	23 22	4 19	13 17	1 42	1 6	0 14	12 51	1 1	18 40	1 5	8 30	2 19	22 15	0 11	22 11	0 33	18 27	1 57	21 44	21 40	23 49		n.a.
S 12	8 44	20 7	4 46	12 36	1 38	1 38	0 11	12 36	1 1	18 37	1 6	8 27	2 19	22 15	0 11	22 11	0 34	18 28	1 57	21 42	21 39	23 51		n.a.
S 13	8 21	15 50	4 59	11 54	1 34	2 11	0 8	12 22	1 0	18 33	1 6	8 24	2 19	22 15	0 11	22 10	0 34	18 28	1 57	21 39	21 39	23 52		n.a.
M14	7 58	10 42	4 57	11 12	1 30	2 43	0 5	12 7	1 0	18 30	1 6	8 22	2 19	22 16	0 11	22 10	0 34	18 28	1 57	21 37	21 38	23 54		n.a.
T 15	7 35	4 57	4 37	10 29	1 25	3 15	0 3	11 52	1 0	18 27	1 6	8 19	2 19	22 16	0 11	22 10	0 34	18 28	1 57	21 35	21 38	23 55		n.a.
W16	7 12	1s 6	4 2	9 46	1 20	3 47	0s 0	11 37	1 0	18 23	1 6	8 16	2 19	22 16	0 11	22 10	0 34	18 29	1 57	21 33	21 37	23 57		n.a.
T 17	6 48	7 11	3 12	9 2	1 15	4 20	0 3	11 22	0 59	18 20	1 6	8 13	2 19	22 16	0 11	22 9	0 34	18 29	1 56	21 32	21 36	23 59		n.a.
F 18	6 25	12 58	2 9	8 18	1 9	4 52	0 6	11 7	0 59	18 17	1 6	8 10	2 19	22 16	0 11	22 9	0 34	18 29	1 56	21 31	21 36	24 0		n.a.
S 19	6 1	18 7	0 59	7 34	1 4	5 24	0 9	10 51	0 59	18 13	1 7	8 8	2 19	22 16	0 11	22 9	0 34	18 30	1 56	21 30	21 35	24 2		n.a.
S 20	5 38	22 15	0s15	6 49	0 58	5 55	0 11	10 36	0 58	18 10	1 7	8 5	2 19	22 16	0 11	22 8	0 34	18 30	1 56	21 30	21 35	24 3		n.a.
M21	5 14	25 4	1 29	6 5	0 52	6 27	0 14	10 21	0 58	18 6	1 7	8 2	2 19	22 17	0 11	22 8	0 34	18 30	1 56	21 30	21 34	24 5		n.a.
T 22	4 50	26 18	2 37	5 20	0 46	6 59	0 17	10 5	0 58	18 3	1 7	7 59	2 19	22 17	0 11	22 8	0 34	18 31	1 56	21 30	21 34	24 7		n.a.
W23	4 26	25 49	3 35	4 35	0 40	7 30	0 20	9 49	0 57	18 0	1 7	7 56	2 19	22 17	0 11	22 8	0 34	18 31	1 55	21 30	21 33	24 8		n.a.
T 24	4 2	23 43	4 20	3 50	0 34	8 1	0 23	9 34	0 57	17 56	1 7	7 54	2 19	22 17	0 11	22 8	0 34	18 31	1 55	21 29	21 32	24 10		n.a.
F 25	3 38	20 12	4 49	3 6	0 27	8 32	0 26	9 18	0 57	17 53	1 7	7 51	2 19	22 17	0 11	22 7	0 34	18 32	1 55	21 27	21 32	24 11		n.a.
S 26	3 14	15 36	5 1	2 21	0 21	9 3	0 29	9 2	0 57	17 50	1 8	7 48	2 19	22 18	0 11	22 7	0 34	18 32	1 55	21 25	21 31	24 13		n.a.
S 27	2 50	10 18	4 56	1 36	0 14	9 34	0 32	8 46	0 56	17 47	1 8	7 45	2 19	22 18	0 11	22 7	0 34	18 33	1 55	21 23	21 31	24 14		n.a.
M28	2 25	4 37	4 34	0 51	0 8	10 4	0 35	8 30	0 56	17 43	1 8	7 43	2 19	22 18	0 11	22 7	0 34	18 33	1 55	21 20	21 30	24 16		n.a.
T 29	2 1	1n10	3 59	0 7	0 1	10 35	0 37	8 14	0 56	17 40	1 8	7 40	2 19	22 18	0 11	22 6	0 34	18 33	1 55	21 18	21 29	24 17		n.a.
W30	1n37	6n46	3s12	0s38	0s 5	11s 4	0s40	7n58	0n55	17n37	1n 8	7n37	2n19	22s19	0s11	22n 6	0n34	18s34	1n54	21n17	21n29	24n19		n.a.

Julian Day Number = 1283366.5, Delta T = 08h06m02s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'45, Lahiri = -20°30'45 Julian Calendar 1 Sept. 1200 BCE == Greg. Calendar 21 Aug. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

OCTOBER 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 26	27♍ 0'57	7♉ 9	2♎56	27♎54	12♍50	15♌27	16♍27	8♐47	24♋42	29♏43	3°R47	4♊55	17♊23	n.a.	T 1
F 2	23 58 22	28° 1'27	19°20	4°30	29° 7	13°31	15°38	16°34	8°49	24°43	29°44	3♊44	4°52	17°30	n.a.	F 2
S 3	0 2 19	29° 1'59	1♊18	6° 4	0♏21	14°12	15°49	16°41	8°51	24°44	29°46	3°D42	4°49	17°37	n.a.	S 3
S 4	0 6 15	0♎ 2'33	13° 8	7°38	1°35	14°53	16° 1	16°48	8°52	24°45	29°47	3°43	4°46	17°43	n.a.	S 4
M 5	0 10 12	1° 3'09	24°56	9°11	2°49	15°34	16°12	16°55	8°54	24°46	29°48	3°43	4°42	17°50	n.a.	M 5
T 6	0 14 8	2° 3'46	6♋46	10°44	4° 2	16°15	16°22	17° 2	8°56	24°48	29°49	3°R43	4°39	17°57	n.a.	T 6
W 7	0 18 5	3° 4'26	18°45	12°17	5°16	16°56	16°33	17° 9	8°58	24°49	29°51	3°42	4°36	18° 3	n.a.	W 7
T 8	0 22 1	4° 5'07	0♌56	13°49	6°30	17°37	16°44	17°15	9° 0	24°50	29°52	3°38	4°33	18°10	n.a.	T 8
F 9	0 25 58	5° 5'51	13°26	15°21	7°43	18°18	16°55	17°22	9° 2	24°51	29°53	3°32	4°30	18°17	n.a.	F 9
S 10	0 29 55	6° 6'36	26°16	16°53	8°57	19° 0	17° 5	17°29	9° 4	24°52	29°55	3°24	4°26	18°23	n.a.	S 10
S 11	0 33 51	7° 7'22	9♍30	18°25	10°10	19°41	17°16	17°36	9° 6	24°53	29°56	3°15	4°23	18°30	n.a.	S 11
M12	0 37 48	8° 8'11	23° 5	19°57	11°24	20°22	17°26	17°43	9° 8	24°54	29°57	3° 5	4°20	18°37	n.a.	M12
T 13	0 41 44	9° 9'01	7♎ 1	21°28	12°38	21° 4	17°37	17°50	9°10	24°54	29°59	2°55	4°17	18°43	n.a.	T 13
W14	0 45 41	10° 9'52	21°12	22°59	13°51	21°45	17°47	17°57	9°12	24°55	0♐ 0	2°47	4°14	18°50	n.a.	W14
T 15	0 49 37	11°10'45	5♏34	24°29	15° 5	22°27	17°57	18° 3	9°15	24°56	0° 2	2°42	4°11	18°56	n.a.	T 15
F 16	0 53 34	12°11'39	20° 0	25°59	16°18	23° 8	18° 7	18°10	9°17	24°57	0° 3	2°39	4° 7	19° 3	n.a.	F 16
S 17	0 57 30	13°12'34	4♐26	27°29	17°31	23°49	18°17	18°17	9°19	24°58	0° 5	2°D38	4° 4	19°10	n.a.	S 17
S 18	1 1 27	14°13'30	18°47	28°59	18°45	24°31	18°27	18°23	9°21	24°58	0° 6	2°39	4° 1	19°16	n.a.	S 18
M19	1 5 24	15°14'27	3♑ 1	0♏28	19°58	25°13	18°37	18°30	9°24	24°59	0° 8	2°40	3°58	19°23	n.a.	M19
T 20	1 9 20	16°15'26	17° 5	1°57	21°12	25°54	18°46	18°37	9°26	25° 0	0°10	2°R41	3°55	19°30	n.a.	T 20
W21	1 13 17	17°16'25	1♒ 0	3°26	22°25	26°36	18°56	18°43	9°29	25° 0	0°11	2°40	3°52	19°36	n.a.	W21
T 22	1 17 13	18°17'25	14°45	4°53	23°38	27°18	19° 5	18°50	9°31	25° 1	0°13	2°37	3°48	19°43	n.a.	T 22
F 23	1 21 10	19°18'26	28°18	6°21	24°51	27°59	19°14	18°56	9°34	25° 2	0°14	2°32	3°45	19°50	n.a.	F 23
S 24	1 25 6	20°19'27	11♓40	7°47	26° 5	28°41	19°24	19° 3	9°36	25° 2	0°16	2°26	3°42	19°56	n.a.	S 24
S 25	1 29 3	21°20'30	24°50	9°13	27°18	29°23	19°33	19° 9	9°39	25° 3	0°18	2°18	3°39	20° 3	n.a.	S 25
M26	1 32 59	22°21'33	7♈47	10°38	28°31	0♎ 5	19°42	19°15	9°42	25° 3	0°20	2°11	3°36	20°10	n.a.	M26
T 27	1 36 56	23°22'37	20°30	12° 1	29°44	0°46	19°51	19°22	9°44	25° 4	0°21	2° 4	3°32	20°16	n.a.	T 27
W28	1 40 53	24°23'43	2♉59	13°24	0♐57	1°28	19°59	19°28	9°47	25° 4	0°23	1°59	3°29	20°23	n.a.	W28
T 29	1 44 49	25°24'49	15°15	14°45	2°10	2°10	20° 8	19°34	9°50	25° 4	0°25	1°55	3°26	20°30	n.a.	T 29
F 30	1 48 46	26°25'56	27°20	16° 4	3°23	2°52	20°16	19°40	9°53	25° 5	0°27	1°D54	3°23	20°36	n.a.	F 30
S 31	1 52 42	27♎27'05	9♊15	17♏22	4♐36	3♎34	20♌25	19♍47	9♐55	25♋ 5	0♐28	1♊54	3♊20	20♊43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n12	11n59	2s17	1s22	0s12	11s34	0s43	7n42	0n55	17n34	1n 8	7n34	2n20	22s19	0s11	22n 6	0n34	18s34	1n54	21n16	21n28	24n20			n.a.
F 2	0 48	16 38	1 16	2 6	0 18	12 4	0 46	7 25	0 55	17 30	1 9	7 32	2 20	22 19	0 11	22 6	0 34	18 34	1 54	21 15	21 28	24 22			n.a.
S 3	0 23	20 33	0 13	2 50	0 25	12 33	0 49	7 9	0 54	17 27	1 9	7 29	2 20	22 19	0 11	22 6	0 34	18 35	1 54	21 15	21 27	24 23			n.a.
S 4	0s 1	23 35	0n50	3 33	0 31	13 2	0 52	6 53	0 54	17 24	1 9	7 26	2 20	22 20	0 11	22 5	0 34	18 35	1 54	21 15	21 27	24 25			n.a.
M 5	0 26	25 35	1 51	4 17	0 38	13 30	0 55	6 36	0 54	17 21	1 9	7 23	2 20	22 20	0 11	22 5	0 34	18 36	1 54	21 15	21 26	24 26			n.a.
T 6	0 50	26 27	2 47	5 0	0 44	13 58	0 57	6 20	0 53	17 18	1 9	7 21	2 20	22 20	0 11	22 5	0 34	18 36	1 54	21 15	21 25	24 28			n.a.
W 7	1 14	26 5	3 37	5 42	0 51	14 26	1 0	6 3	0 53	17 14	1 10	7 18	2 20	22 20	0 11	22 5	0 34	18 37	1 53	21 15	21 25	24 29			n.a.
T 8	1 39	24 28	4 18	6 25	0 57	14 54	1 3	5 46	0 52	17 11	1 10	7 15	2 20	22 21	0 11	22 5	0 34	18 37	1 53	21 14	21 24	24 31			n.a.
F 9	2 3	21 38	4 47	7 7	1 3	15 21	1 6	5 30	0 52	17 8	1 10	7 13	2 20	22 21	0 11	22 5	0 34	18 37	1 53	21 13	21 24	24 32			n.a.
S 10	2 28	17 42	5 3	7 48	1 9	15 48	1 8	5 13	0 52	17 5	1 10	7 10	2 20	22 21	0 11	22 4	0 34	18 38	1 53	21 11	21 23	24 34			n.a.
S 11	2 52	12 49	5 4	8 29	1 15	16 14	1 11	4 56	0 51	17 2	1 10	7 7	2 20	22 22	0 11	22 4	0 34	18 38	1 53	21 9	21 22	24 35			n.a.
M12	3 17	7 10	4 47	9 10	1 21	16 40	1 14	4 39	0 51	16 59	1 11	7 5	2 20	22 22	0 11	22 4	0 34	18 39	1 53	21 7	21 22	24 36			n.a.
T 13	3 41	1 3	4 14	9 50	1 26	17 6	1 16	4 22	0 51	16 56	1 11	7 2	2 20	22 22	0 11	22 4	0 34	18 39	1 53	21 5	21 21	24 38			n.a.
W14	4 5	5s16	3 24	10 30	1 32	17 31	1 19	4 5	0 50	16 53	1 11	7 0	2 21	22 23	0 11	22 4	0 34	18 40	1 52	21 4	21 21	24 39			n.a.
T 15	4 30	11 23	2 20	11 9	1 37	17 55	1 21	3 48	0 50	16 50	1 11	6 57	2 21	22 23	0 11	22 4	0 34	18 40	1 52	21 3	21 20	24 41			n.a.
F 16	4 54	16 57	1 8	11 47	1 42	18 20	1 24	3 31	0 49	16 47	1 11	6 54	2 21	22 23	0 11	22 4	0 34	18 40	1 52	21 2	21 19	24 42			n.a.
S 17	5 18	21 32	0s10	12 25	1 47	18 43	1 26	3 14	0 49	16 44	1 12	6 52	2 21	22 24	0 11	22 4	0 35	18 41	1 52	21 2	21 19	24 44			n.a.
S 18	5 42	24 47	1 26	13 2	1 52	19 6	1 29	2 57	0 49	16 41	1 12	6 49	2 21	22 24	0 11	22 3	0 35	18 41	1 52	21 2	21 18	24 45			n.a.
M19	6 6	26 25	2 37	13 38	1 56	19 29	1 31	2 40	0 48	16 38	1 12	6 47	2 21	22 25	0 11	22 3	0 35	18 42	1 52	21 3	21 18	24 46			n.a.
T 20	6 30	26 18	3 37	14 14	2 1	19 51	1 33	2 23	0 48	16 35	1 12	6 44	2 21	22 25	0 11	22 3	0 35	18 42	1 52	21 3	21 17	24 48			n.a.
W21	6 54	24 33	4 23	14 49	2 5	20 13	1 36	2 6	0 47	16 33	1 12	6 42	2 21	22 25	0 11	22 3	0 35	18 43	1 51	21 2	21 16	24 49			n.a.
T 22	7 17	21 22	4 54	15 23	2 8	20 34	1 38	1 49	0 47	16 30	1 13	6 39	2 21	22 26	0 11	22 3	0 35	18 43	1 51	21 2	21 16	24 51			n.a.
F 23	7 41	17 4	5 8	15 55	2 12	20 55	1 40	1 31	0 47	16 27	1 13	6 37	2 22	22 26	0 11	22 3	0 35	18 44	1 51	21 1	21 15	24 52			n.a.
S 24	8 4	11 59	5 5	16 27	2 15	21 15	1 42	1 14	0 46	16 24	1 13	6 34	2 22	22 26	0 11	22 3	0 35	18 44	1 51	21 0	21 15	24 53			n.a.
S 25	8 27	6 27	4 46	16 58	2 17	21 34	1 44	0 57	0 46	16 22	1 13	6 32	2 22	22 27	0 11	22 3	0 35	18 45	1 51	20 58	21 14	24 55			n.a.
M26	8 51	0 43	4 12	17 27	2 19	21 53	1 46	0 40	0 45	16 19	1 14	6 29	2 22	22 27	0 11	22 3	0 35	18 45	1 51	20 57	21 13	24 56			n.a.
T 27	9 14	4n58	3 26	17 56	2 21	22 11	1 48	0 22	0 45	16 16	1 14	6 27	2 22	22 28	0 11	22 3	0 35	18 46	1 51	20 55	21 13	24 57			n.a.
W28	9 37	10 21	2 31	18 22	2 22	22 29	1 50	0 5	0 44	16 14	1 14	6 25	2 22	22 28	0 11	22 3	0 35	18 46	1 51	20 54	21 12	24 59			n.a.
T 29	9 59	15 15	1 30	18 48	2 23	22 46	1 52	0s12	0 44	16 11	1 14	6 22	2 22	22 28	0 11	22 3	0 35	18 47	1 50	20 53	21 12	25 0			n.a.
F 30	10 22	19 29	0 25	19 12	2 23	23 2	1 54	0 30	0 43	16 9	1 15	6 20	2 22	22 29	0 11	22 3	0 35	18 47	1 50	20 53	21 11	25 1			n.a.
S 31	10s44	22n52	0n40	19s34	2s22	23s18	1s55	0s47	0n43	16n 6	1n15	6n18	2n23	22s29	0s11	22n 3	0n35	18s48	1n50	20n53	21n10	25n 3			n.a.

Julian Day Number = 1283396.5, Delta T = 08h06m00s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'41, Lahiri = -20°30'41 Julian Calendar 1 Oct. 1200 BCE == Greg. Calendar 20 Sept. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

NOVEMBER 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 39	28♎28'14	21♊ 5	18♏37	5♐48	4♎16	20♌33	19♍53	9♐58	25♋ 5	0♐30	1♊55	3♊17	20♊50	n.a.	S 1
M 2	2 0 35	29°29'25	2♋52	19°49	7° 1	4°58	20°41	19°59	10° 1	25° 5	0°32	1°57	3°13	20°56	n.a.	M 2
T 3	2 4 32	0♏30'36	14°42	20°58	8°14	5°41	20°49	20° 5	10° 4	25° 6	0°34	1°59	3°10	21° 3	n.a.	T 3
W 4	2 8 28	1°31'48	26°39	22° 4	9°27	6°23	20°57	20°11	10° 7	25° 6	0°36	2°R 0	3° 7	21°10	n.a.	W 4
T 5	2 12 25	2°33'02	8♌48	23° 6	10°39	7° 5	21° 5	20°17	10°10	25° 6	0°38	2° 0	3° 4	21°16	n.a.	T 5
F 6	2 16 22	3°34'16	21°15	24° 3	11°52	7°47	21°12	20°22	10°13	25° 6	0°39	1°59	3° 1	21°23	n.a.	F 6
S 7	2 20 18	4°35'31	4♍ 3	24°55	13° 4	8°30	21°20	20°28	10°16	25° 6	0°41	1°56	2°58	21°29	n.a.	S 7
S 8	2 24 15	5°36'47	17°16	25°40	14°17	9°12	21°27	20°34	10°19	25°R 6	0°43	1°52	2°54	21°36	n.a.	S 8
M 9	2 28 11	6°38'03	0♎56	26°19	15°29	9°54	21°34	20°40	10°22	25° 6	0°45	1°48	2°51	21°43	n.a.	M 9
T 10	2 32 8	7°39'20	15° 1	26°49	16°42	10°37	21°42	20°45	10°25	25° 6	0°47	1°45	2°48	21°49	n.a.	T 10
W11	2 36 4	8°40'38	29°27	27°11	17°54	11°19	21°48	20°51	10°28	25° 6	0°49	1°41	2°45	21°56	n.a.	W11
T 12	2 40 1	9°41'56	14♏11	27°24	19° 6	12° 2	21°55	20°56	10°31	25° 6	0°51	1°39	2°42	22° 3	n.a.	T 12
F 13	2 43 57	10°43'14	29° 3	27°R25	20°18	12°44	22° 2	21° 2	10°35	25° 5	0°53	1°D39	2°38	22° 9	n.a.	F 13
S 14	2 47 54	11°44'33	13♐56	27°16	21°31	13°27	22° 8	21° 7	10°38	25° 5	0°55	1°39	2°35	22°16	n.a.	S 14
S 15	2 51 51	12°45'52	28°43	26°55	22°43	14° 9	22°15	21°12	10°41	25° 5	0°57	1°40	2°32	22°23	n.a.	S 15
M16	2 55 47	13°47'11	13♑17	26°23	23°55	14°52	22°21	21°18	10°44	25° 5	0°59	1°41	2°29	22°29	n.a.	M16
T 17	2 59 44	14°48'30	27°36	25°39	25° 7	15°35	22°27	21°23	10°47	25° 4	1° 1	1°43	2°26	22°36	n.a.	T 17
W18	3 3 40	15°49'49	11♒35	24°43	26°18	16°17	22°33	21°28	10°51	25° 4	1° 3	1°R43	2°23	22°43	n.a.	W18
T 19	3 7 37	16°51'07	25°16	23°39	27°30	17° 0	22°38	21°33	10°54	25° 4	1° 5	1°43	2°19	22°49	n.a.	T 19
F 20	3 11 33	17°52'25	8♓37	22°26	28°42	17°43	22°44	21°38	10°57	25° 3	1° 7	1°42	2°16	22°56	n.a.	F 20
S 21	3 15 30	18°53'43	21°42	21° 8	29°53	18°26	22°49	21°43	11° 1	25° 3	1° 9	1°41	2°13	23° 3	n.a.	S 21
S 22	3 19 27	19°55'00	4♈32	19°47	1♑ 5	19° 8	22°54	21°48	11° 4	25° 2	1°11	1°39	2°10	23° 9	n.a.	S 22
M23	3 23 23	20°56'17	17° 7	18°26	2°16	19°51	22°59	21°52	11° 7	25° 2	1°13	1°37	2° 7	23°16	n.a.	M23
T 24	3 27 20	21°57'34	29°31	17° 7	3°28	20°34	23° 4	21°57	11°11	25° 1	1°15	1°36	2° 3	23°23	n.a.	T 24
W25	3 31 16	22°58'51	11♉44	15°52	4°39	21°17	23° 9	22° 2	11°14	25° 1	1°17	1°35	2° 0	23°29	n.a.	W25
T 26	3 35 13	24° 0'08	23°48	14°45	5°50	22° 0	23°14	22° 6	11°18	25° 0	1°19	1°34	1°57	23°36	n.a.	T 26
F 27	3 39 9	25° 1'24	5♊44	13°45	7° 1	22°43	23°18	22°11	11°21	25° 0	1°21	1°D34	1°54	23°43	n.a.	F 27
S 28	3 43 6	26° 2'40	17°36	12°55	8°12	23°26	23°22	22°15	11°25	24°59	1°24	1°35	1°51	23°49	n.a.	S 28
S 29	3 47 2	27° 3'56	29°24	12°15	9°22	24° 9	23°26	22°19	11°28	24°58	1°26	1°35	1°48	23°56	n.a.	S 29
M30	3 50 59	28♏ 5'12	11♋12	11♏45	10♑33	24♎52	23♌30	22♍24	11♐31	24♋58	1♐28	1♊36	1♊44	24♊ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 6	25n15	1n43	19s54	2s21	23s33	1s57	1s 5	0n43	16n 4	1n15	6n15	2n23	22s30	0s11	22n 3	0n35	18s48	1n50	20n53	21n10	25n 4		n.a.
M 2	11 29	26 30	2 42	20 12	2 19	23 47	1 58	1 22	0 42	16 1	1 15	6 13	2 23	22 30	0 11	22 3	0 35	18 49	1 50	20 54	21 9	25 5		n.a.
T 3	11 50	26 33	3 33	20 29	2 16	24 1	2 0	1 39	0 42	15 59	1 16	6 11	2 23	22 31	0 11	22 3	0 35	18 49	1 50	20 54	21 8	25 7		n.a.
W 4	12 12	25 22	4 16	20 43	2 12	24 14	2 1	1 57	0 41	15 57	1 16	6 8	2 23	22 31	0 11	22 3	0 35	18 50	1 50	20 54	21 8	25 8		n.a.
T 5	12 34	23 0	4 49	20 55	2 7	24 26	2 3	2 14	0 41	15 54	1 16	6 6	2 23	22 32	0 11	22 3	0 35	18 50	1 50	20 54	21 7	25 9		n.a.
F 6	12 55	19 31	5 9	21 4	2 2	24 38	2 4	2 32	0 40	15 52	1 16	6 4	2 24	22 32	0 11	22 3	0 35	18 51	1 49	20 54	21 7	25 10		n.a.
S 7	13 16	15 2	5 14	21 10	1 55	24 49	2 5	2 49	0 40	15 50	1 17	6 2	2 24	22 32	0 11	22 3	0 35	18 51	1 49	20 54	21 6	25 12		n.a.
S 8	13 37	9 44	5 3	21 13	1 47	24 59	2 6	3 6	0 39	15 48	1 17	6 0	2 24	22 33	0 11	22 3	0 35	18 52	1 49	20 53	21 5	25 13		n.a.
M 9	13 57	3 49	4 35	21 14	1 37	25 8	2 7	3 24	0 39	15 46	1 17	5 58	2 24	22 33	0 11	22 3	0 35	18 52	1 49	20 52	21 5	25 14		n.a.
T 10	14 18	2s29	3 49	21 11	1 27	25 17	2 8	3 41	0 38	15 44	1 17	5 56	2 24	22 34	0 11	22 3	0 35	18 53	1 49	20 51	21 4	25 16		n.a.
W11	14 38	8 51	2 48	21 4	1 15	25 25	2 9	3 58	0 38	15 42	1 18	5 54	2 24	22 34	0 11	22 3	0 35	18 53	1 49	20 51	21 3	25 17		n.a.
T 12	14 58	14 51	1 35	20 54	1 1	25 32	2 10	4 16	0 37	15 40	1 18	5 52	2 25	22 35	0 11	22 3	0 35	18 54	1 49	20 50	21 3	25 18		n.a.
F 13	15 17	20 3	0 14	20 40	0 46	25 39	2 10	4 33	0 37	15 38	1 18	5 50	2 25	22 35	0 11	22 3	0 35	18 54	1 49	20 50	21 2	25 19		n.a.
S 14	15 37	23 58	1s 7	20 22	0 30	25 44	2 11	4 50	0 36	15 36	1 18	5 48	2 25	22 36	0 11	22 3	0 35	18 55	1 48	20 50	21 2	25 21		n.a.
S 15	15 56	26 14	2 24	20 0	0 12	25 49	2 11	5 8	0 36	15 34	1 19	5 46	2 25	22 36	0 11	22 3	0 35	18 55	1 48	20 50	21 1	25 22		n.a.
M16	16 14	26 39	3 30	19 34	0n 6	25 53	2 12	5 25	0 35	15 32	1 19	5 44	2 25	22 37	0 11	22 3	0 35	18 56	1 48	20 51	21 0	25 23		n.a.
T 17	16 33	25 16	4 22	19 4	0 26	25 57	2 12	5 42	0 34	15 30	1 19	5 42	2 26	22 37	0 11	22 3	0 36	18 57	1 48	20 51	21 0	25 24		n.a.
W18	16 51	22 21	4 57	18 31	0 46	25 59	2 12	5 59	0 34	15 29	1 20	5 40	2 26	22 38	0 11	22 3	0 36	18 57	1 48	20 51	20 59	25 25		n.a.
T 19	17 9	18 14	5 15	17 56	1 6	26 1	2 12	6 16	0 33	15 27	1 20	5 38	2 26	22 38	0 11	22 3	0 36	18 58	1 48	20 51	20 58	25 27		n.a.
F 20	17 27	13 19	5 14	17 18	1 26	26 2	2 12	6 34	0 33	15 26	1 20	5 36	2 26	22 38	0 11	22 4	0 36	18 58	1 48	20 51	20 58	25 28		n.a.
S 21	17 44	7 53	4 58	16 39	1 45	26 2	2 12	6 51	0 32	15 24	1 20	5 35	2 26	22 39	0 11	22 4	0 36	18 59	1 48	20 50	20 57	25 29		n.a.
S 22	18 1	2 14	4 26	16 0	2 3	26 2	2 12	7 8	0 32	15 23	1 21	5 33	2 27	22 39	0 11	22 4	0 36	18 59	1 48	20 50	20 56	25 30		n.a.
M23	18 17	3n25	3 42	15 22	2 20	26 1	2 11	7 25	0 31	15 21	1 21	5 31	2 27	22 40	0 11	22 4	0 36	19 0	1 47	20 50	20 56	25 31		n.a.
T 24	18 34	8 51	2 49	14 46	2 34	25 59	2 11	7 42	0 31	15 20	1 21	5 29	2 27	22 40	0 11	22 4	0 36	19 0	1 47	20 50	20 55	25 33		n.a.
W25	18 50	13 54	1 48	14 13	2 46	25 56	2 11	7 58	0 30	15 19	1 22	5 28	2 27	22 41	0 11	22 4	0 36	19 1	1 47	20 49	20 54	25 34		n.a.
T 26	19 5	18 20	0 43	13 44	2 55	25 52	2 10	8 15	0 29	15 17	1 22	5 26	2 28	22 41	0 11	22 4	0 36	19 1	1 47	20 49	20 54	25 35		n.a.
F 27	19 20	22 0	0n23	13 20	3 3	25 48	2 9	8 32	0 29	15 16	1 22	5 25	2 28	22 42	0 11	22 4	0 36	19 2	1 47	20 49	20 53	25 36		n.a.
S 28	19 35	24 42	1 28	13 0	3 8	25 43	2 8	8 49	0 28	15 15	1 23	5 23	2 28	22 42	0 11	22 5	0 36	19 2	1 47	20 49	20 53	25 37		n.a.
S 29	19 50	26 19	2 29	12 45	3 11	25 37	2 7	9 6	0 28	15 14	1 23	5 21	2 28	22 43	0 11	22 5	0 36	19 3	1 47	20 49	20 52	25 38		n.a.
M30	20s 4	26n44	3n23	12s35	3n12	25s31	2s 6	9s22	0n27	15n13	1n23	5n20	2n28	22s43	0s11	22n 5	0n36	19s 3	1n47	20n49	20n51	25n39		n.a.

Julian Day Number = 1283427.5, Delta T = 08h05m59s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'37, Lahiri = -20°30'36 Julian Calendar 1 Nov. 1200 BCE == Greg. Calendar 21 Oct. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1200 BCE
geocentric

DECEMBER 1200 BCE (-1199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 56	29♏ 6'28	23♋ 3	11°R25	11♉44	25♎35	23♌34	22♍28	11♐35	24°R57	1♐30	1♊36	1♊41	24♊ 9	n.a.	T 1
W 2	3 58 52	0♐ 7'43	5♌ 1	11♏15	12°54	26°19	23°37	22°32	11°38	24♋56	1°32	1°36	1°38	24°16	n.a.	W 2
T 3	4 2 49	1° 8'58	17° 9	11°D14	14° 4	27° 2	23°41	22°36	11°42	24°55	1°34	1°36	1°35	24°23	n.a.	T 3
F 4	4 6 45	2°10'13	29°32	11°21	15°15	27°45	23°44	22°40	11°45	24°54	1°36	1°36	1°32	24°29	n.a.	F 4
S 5	4 10 42	3°11'27	12♍14	11°36	16°25	28°28	23°47	22°43	11°49	24°54	1°38	1°36	1°29	24°36	n.a.	S 5
S 6	4 14 38	4°12'42	25°19	11°59	17°34	29°12	23°50	22°47	11°52	24°53	1°40	1°36	1°25	24°42	n.a.	S 6
M 7	4 18 35	5°13'55	8♎51	12°28	18°44	29°55	23°52	22°51	11°56	24°52	1°42	1°37	1°22	24°49	n.a.	M 7
T 8	4 22 32	6°15'09	22°50	13° 2	19°54	0♏39	23°55	22°54	11°59	24°51	1°44	1°37	1°19	24°56	n.a.	T 8
W 9	4 26 28	7°16'22	7♏15	13°42	21° 3	1°22	23°57	22°58	12° 3	24°50	1°46	1°38	1°16	25° 2	n.a.	W 9
T 10	4 30 25	8°17'34	22° 3	14°27	22°13	2° 5	23°59	23° 1	12° 7	24°49	1°48	1°38	1°13	25° 9	n.a.	T 10
F 11	4 34 21	9°18'46	7♐ 7	15°16	23°22	2°49	24° 1	23° 4	12°10	24°48	1°50	1°R38	1° 9	25°16	n.a.	F 11
S 12	4 38 18	10°19'57	22°18	16° 9	24°31	3°33	24° 2	23° 8	12°14	24°47	1°53	1°38	1° 6	25°22	n.a.	S 12
S 13	4 42 14	11°21'07	7♑28	17° 6	25°40	4°16	24° 4	23°11	12°17	24°46	1°55	1°37	1° 3	25°29	n.a.	S 13
M14	4 46 11	12°22'16	22°26	18° 6	26°49	5° 0	24° 5	23°14	12°21	24°45	1°57	1°36	1° 0	25°36	n.a.	M14
T 15	4 50 8	13°23'24	7♒ 5	19° 8	27°57	5°43	24° 6	23°17	12°24	24°43	1°59	1°34	0°57	25°42	n.a.	T 15
W16	4 54 4	14°24'31	21°19	20°13	29° 6	6°27	24° 7	23°19	12°28	24°42	2° 1	1°33	0°54	25°49	n.a.	W16
T 17	4 58 1	15°25'36	5♓ 8	21°21	0♒14	7°11	24° 8	23°22	12°31	24°41	2° 3	1°32	0°50	25°56	n.a.	T 17
F 18	5 1 57	16°26'40	18°32	22°30	1°22	7°54	24° 9	23°25	12°35	24°40	2° 5	1°D32	0°47	26° 2	n.a.	F 18
S 19	5 5 54	17°27'43	1♈31	23°42	2°29	8°38	24° 9	23°27	12°38	24°39	2° 7	1°32	0°44	26° 9	n.a.	S 19
S 20	5 9 50	18°28'44	14°11	24°55	3°37	9°22	24°R 9	23°30	12°42	24°37	2° 9	1°33	0°41	26°16	n.a.	S 20
M21	5 13 47	19°29'43	26°34	26°10	4°44	10° 6	24° 9	23°32	12°45	24°36	2°11	1°35	0°38	26°22	n.a.	M21
T 22	5 17 43	20°30'42	8♉44	27°26	5°52	10°50	24° 9	23°34	12°49	24°35	2°13	1°36	0°35	26°29	n.a.	T 22
W23	5 21 40	21°31'39	20°44	28°44	6°58	11°33	24° 8	23°36	12°53	24°33	2°15	1°38	0°31	26°36	n.a.	W23
T 24	5 25 37	22°32'34	2♊38	0♐ 3	8° 5	12°17	24° 8	23°39	12°56	24°32	2°17	1°R38	0°28	26°42	n.a.	T 24
F 25	5 29 33	23°33'29	14°28	1°24	9°12	13° 1	24° 7	23°41	13° 0	24°31	2°19	1°37	0°25	26°49	n.a.	F 25
S 26	5 33 30	24°34'22	26°17	2°46	10°18	13°45	24° 6	23°42	13° 3	24°29	2°21	1°35	0°22	26°56	n.a.	S 26
S 27	5 37 26	25°35'13	8♋ 6	4° 8	11°24	14°29	24° 5	23°44	13° 7	24°28	2°23	1°32	0°19	27° 2	n.a.	S 27
M28	5 41 23	26°36'03	19°57	5°32	12°29	15°13	24° 3	23°46	13°10	24°27	2°25	1°28	0°15	27° 9	n.a.	M28
T 29	5 45 19	27°36'52	1♌54	6°57	13°35	15°57	24° 2	23°47	13°13	24°25	2°27	1°24	0°12	27°16	n.a.	T 29
W30	5 49 16	28°37'40	13°56	8°23	14°40	16°42	24° 0	23°49	13°17	24°24	2°29	1°19	0° 9	27°22	n.a.	W30
T 31	5 53 12	29♐38'26	26♌ 8	9♐49	15♒45	17♏26	23♌58	23♍50	13♐20	24♋22	2♐30	1♊15	0♊ 6	27♊29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s18	25n55	4n 9	12s29	3n11	25s23	2s 5	9s39	0n26	15n12	1n23	5n19	2n29	22s44	0s11	22n 5	0n36	19s 4	1n47	20n50	20n51	25n41			n.a.
W 2	20 31	23 55	4 44	12 28	3 9	25 15	2 4	9 55	0 26	15 11	1 24	5 17	2 29	22 44	0 11	22 5	0 36	19 4	1 47	20 50	20 50	25 42			n.a.
T 3	20 44	20 50	5 8	12 31	3 5	25 7	2 2	10 12	0 25	15 10	1 24	5 16	2 29	22 45	0 11	22 5	0 36	19 5	1 46	20 50	20 49	25 43			n.a.
F 4	20 56	16 46	5 18	12 38	3 1	24 57	2 1	10 28	0 25	15 9	1 24	5 14	2 29	22 45	0 11	22 6	0 36	19 5	1 46	20 50	20 49	25 44			n.a.
S 5	21 9	11 53	5 13	12 48	2 55	24 47	1 59	10 44	0 24	15 9	1 25	5 13	2 30	22 46	0 11	22 6	0 36	19 6	1 46	20 50	20 48	25 45			n.a.
S 6	21 20	6 20	4 51	13 0	2 49	24 36	1 58	11 1	0 23	15 8	1 25	5 12	2 30	22 46	0 11	22 6	0 36	19 6	1 46	20 50	20 47	25 46			n.a.
M 7	21 32	0 19	4 13	13 16	2 42	24 25	1 56	11 17	0 23	15 7	1 25	5 11	2 30	22 47	0 11	22 6	0 36	19 7	1 46	20 50	20 47	25 47			n.a.
T 8	21 43	5s56	3 19	13 33	2 35	24 13	1 54	11 33	0 22	15 7	1 26	5 9	2 30	22 47	0 11	22 6	0 36	19 7	1 46	20 50	20 46	25 48			n.a.
W 9	21 53	12 5	2 11	13 53	2 27	24 0	1 52	11 49	0 21	15 7	1 26	5 8	2 31	22 48	0 11	22 7	0 36	19 8	1 46	20 50	20 45	25 49			n.a.
T 10	22 3	17 44	0 53	14 14	2 19	23 46	1 49	12 5	0 21	15 6	1 26	5 7	2 31	22 48	0 11	22 7	0 36	19 8	1 46	20 50	20 45	25 50			n.a.
F 11	22 13	22 22	0s30	14 37	2 10	23 32	1 47	12 20	0 20	15 6	1 27	5 6	2 31	22 49	0 11	22 7	0 36	19 9	1 46	20 50	20 44	25 51			n.a.
S 12	22 22	25 29	1 52	15 0	2 2	23 17	1 45	12 36	0 19	15 6	1 27	5 5	2 31	22 49	0 11	22 7	0 36	19 9	1 46	20 50	20 43	25 52			n.a.
S 13	22 31	26 43	3 6	15 25	1 53	23 2	1 42	12 52	0 19	15 5	1 27	5 4	2 32	22 50	0 11	22 8	0 36	19 10	1 46	20 50	20 43	25 53			n.a.
M14	22 39	25 59	4 6	15 50	1 44	22 46	1 39	13 7	0 18	15 5	1 28	5 3	2 32	22 50	0 11	22 8	0 36	19 10	1 45	20 49	20 42	25 55			n.a.
T 15	22 47	23 27	4 49	16 16	1 35	22 30	1 37	13 23	0 17	15 5	1 28	5 2	2 32	22 51	0 11	22 8	0 36	19 11	1 45	20 49	20 41	25 56			n.a.
W16	22 55	19 32	5 12	16 43	1 26	22 13	1 34	13 38	0 17	15 5	1 28	5 1	2 32	22 51	0 11	22 8	0 36	19 11	1 45	20 49	20 41	25 57			n.a.
T 17	23 2	14 40	5 16	17 9	1 18	21 55	1 31	13 53	0 16	15 5	1 29	5 0	2 33	22 52	0 11	22 8	0 36	19 12	1 45	20 49	20 40	25 58			n.a.
F 18	23 8	9 15	5 3	17 36	1 9	21 37	1 28	14 8	0 15	15 5	1 29	4 59	2 33	22 52	0 11	22 9	0 36	19 12	1 45	20 49	20 39	25 59			n.a.
S 19	23 14	3 34	4 35	18 3	1 0	21 18	1 24	14 23	0 15	15 5	1 29	4 59	2 33	22 53	0 11	22 9	0 36	19 13	1 45	20 49	20 39	26 0			n.a.
S 20	23 20	2n 6	3 53	18 29	0 51	20 59	1 21	14 38	0 14	15 6	1 29	4 58	2 34	22 53	0 11	22 9	0 36	19 13	1 45	20 49	20 38	26 1			n.a.
M21	23 25	7 35	3 2	18 56	0 43	20 39	1 17	14 53	0 13	15 6	1 30	4 57	2 34	22 53	0 11	22 9	0 37	19 14	1 45	20 49	20 37	26 2			n.a.
T 22	23 30	12 42	2 3	19 22	0 34	20 19	1 14	15 8	0 12	15 6	1 30	4 57	2 34	22 54	0 11	22 10	0 37	19 14	1 45	20 50	20 37	26 3			n.a.
W23	23 34	17 16	1 0	19 48	0 26	19 58	1 10	15 22	0 12	15 7	1 30	4 56	2 34	22 54	0 11	22 10	0 37	19 15	1 45	20 50	20 36	26 4			n.a.
T 24	23 37	21 7	0n 6	20 13	0 17	19 37	1 6	15 36	0 11	15 7	1 31	4 55	2 35	22 55	0 11	22 10	0 37	19 15	1 45	20 50	20 35	26 5			n.a.
F 25	23 41	24 5	1 10	20 38	0 9	19 15	1 2	15 51	0 10	15 8	1 31	4 55	2 35	22 55	0 11	22 11	0 37	19 16	1 45	20 50	20 35	26 5			n.a.
S 26	23 43	25 59	2 12	21 2	0 1	18 53	0 58	16 5	0 9	15 9	1 31	4 54	2 35	22 56	0 11	22 11	0 37	19 16	1 45	20 49	20 34	26 6			n.a.
S 27	23 46	26 42	3 8	21 26	0s 7	18 31	0 54	16 19	0 9	15 9	1 32	4 54	2 35	22 56	0 11	22 11	0 37	19 17	1 44	20 49	20 33	26 7			n.a.
M28	23 48	26 12	3 55	21 49	0 14	18 8	0 50	16 33	0 8	15 10	1 32	4 54	2 36	22 57	0 11	22 11	0 37	19 17	1 44	20 48	20 33	26 8			n.a.
T 29	23 49	24 30	4 33	22 11	0 22	17 45	0 45	16 46	0 7	15 11	1 32	4 53	2 36	22 57	0 11	22 12	0 37	19 18	1 44	20 47	20 32	26 9			n.a.
W30	23 50	21 41	4 59	22 33	0 29	17 21	0 41	17 0	0 6	15 12	1 33	4 53	2 36	22 58	0 11	22 12	0 37	19 18	1 44	20 46	20 31	26 10			n.a.
T 31	23s50	17n53	5n12	22s53	0s36	16s57	0s36	17s14	0n 6	15n13	1n33	4n53	2n37	22s58	0s11	22n12	0n37	19s18	1n44	20n45	20n31	26n11			n.a.

Julian Day Number = 1283457.5, Delta T = 08h05m57s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'33, Lahiri = -20°30'32 Julian Calendar 1 Dec. 1200 BCE == Greg. Calendar 20 Nov. 1200 BCE

The year -1199 astronomical counting style corresponds to year 1200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

JANUARY 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 57 9	0♉39'11	8♍32	11♐17	16♒49	18♏10	23°R56	23♍51	13♐24	24°R21	2♐32	1°R11	0♊ 3	27♊36	n.a.	F 1
S 2	6 1 6	1°39'55	21°12	12°46	17°53	18°54	23♌54	23°53	13°27	24♋19	2°34	1♊ 9	29♉59	27°42	n.a.	S 2
S 3	6 5 2	2°40'37	4♎11	14°15	18°57	19°38	23°51	23°54	13°31	24°18	2°36	1°D 9	29°56	27°49	n.a.	S 3
M 4	6 8 59	3°41'18	17°32	15°46	20° 1	20°22	23°48	23°55	13°34	24°16	2°38	1° 9	29°53	27°56	n.a.	M 4
T 5	6 12 55	4°41'58	1♏17	17°17	21° 4	21° 7	23°46	23°55	13°37	24°15	2°40	1°11	29°50	28° 2	n.a.	T 5
W 6	6 16 52	5°42'37	15°29	18°49	22° 7	21°51	23°42	23°56	13°41	24°13	2°42	1°12	29°47	28° 9	n.a.	W 6
T 7	6 20 48	6°43'14	0♐ 5	20°22	23°10	22°35	23°39	23°57	13°44	24°11	2°43	1°R13	29°44	28°16	n.a.	T 7
F 8	6 24 45	7°43'50	15° 2	21°56	24°12	23°20	23°36	23°57	13°47	24°10	2°45	1°12	29°41	28°22	n.a.	F 8
S 9	6 28 42	8°44'24	0♑13	23°31	25°14	24° 4	23°32	23°58	13°51	24° 8	2°47	1°10	29°37	28°29	n.a.	S 9
S 10	6 32 38	9°44'56	15°28	25° 7	26°15	24°49	23°28	23°58	13°54	24° 7	2°49	1° 6	29°34	28°36	n.a.	S 10
M11	6 36 35	10°45'27	0♒38	26°43	27°16	25°33	23°25	23°58	13°57	24° 5	2°50	1° 0	29°31	28°42	n.a.	M11
T 12	6 40 31	11°45'56	15°32	28°21	28°17	26°17	23°20	23°58	14° 0	24° 4	2°52	0°53	29°28	28°49	n.a.	T 12
W13	6 44 28	12°46'22	0♓ 1	29°59	29°17	27° 2	23°16	23°R58	14° 4	24° 2	2°54	0°47	29°25	28°56	n.a.	W13
T 14	6 48 24	13°46'47	14° 3	1♑39	0♓17	27°46	23°12	23°58	14° 7	24° 0	2°55	0°42	29°21	29° 2	n.a.	T 14
F 15	6 52 21	14°47'09	27°35	3°19	1°16	28°31	23° 7	23°58	14°10	23°59	2°57	0°39	29°18	29° 9	n.a.	F 15
S 16	6 56 17	15°47'29	10♈39	5° 0	2°15	29°15	23° 2	23°58	14°13	23°57	2°59	0°D37	29°15	29°16	n.a.	S 16
S 17	7 0 14	16°47'47	23°19	6°43	3°13	29°59	22°57	23°58	14°16	23°55	3° 0	0°37	29°12	29°22	n.a.	S 17
M18	7 4 11	17°48'03	5♉39	8°26	4°11	0♐45	22°52	23°57	14°19	23°54	3° 2	0°38	29° 9	29°29	n.a.	M18
T 19	7 8 7	18°48'17	17°43	10°10	5° 8	1°29	22°47	23°56	14°23	23°52	3° 4	0°40	29° 6	29°36	n.a.	T 19
W20	7 12 4	19°48'28	29°38	11°55	6° 5	2°14	22°42	23°56	14°26	23°50	3° 5	0°R40	29° 2	29°42	n.a.	W20
T 21	7 16 0	20°48'37	11♊26	13°42	7° 1	2°58	22°36	23°55	14°29	23°49	3° 7	0°40	28°59	29°49	n.a.	T 21
F 22	7 19 57	21°48'45	23°14	15°29	7°56	3°43	22°31	23°54	14°32	23°47	3° 8	0°37	28°56	29°56	n.a.	F 22
S 23	7 23 53	22°48'50	5♋ 2	17°17	8°51	4°28	22°25	23°53	14°35	23°45	3°10	0°32	28°53	0♋ 2	n.a.	S 23
S 24	7 27 50	23°48'53	16°54	19° 7	9°45	5°13	22°19	23°52	14°38	23°44	3°11	0°24	28°50	0° 9	n.a.	S 24
M25	7 31 46	24°48'54	28°53	20°57	10°39	5°57	22°13	23°51	14°40	23°42	3°13	0°15	28°47	0°16	n.a.	M25
T 26	7 35 43	25°48'53	10♌58	22°49	11°32	6°42	22° 7	23°50	14°43	23°40	3°14	0° 4	28°43	0°22	n.a.	T 26
W27	7 39 40	26°48'49	23°12	24°41	12°24	7°27	22° 0	23°48	14°46	23°39	3°15	29♉53	28°40	0°29	n.a.	W27
T 28	7 43 36	27°48'44	5♍35	26°35	13°15	8°12	21°54	23°47	14°49	23°37	3°17	29°43	28°37	0°36	n.a.	T 28
F 29	7 47 33	28°48'37	18° 9	28°29	14° 6	8°56	21°47	23°45	14°52	23°35	3°18	29°34	28°34	0°42	n.a.	F 29
S 30	7 51 29	29°48'28	0♎55	0♒25	14°56	9°41	21°41	23°44	14°55	23°34	3°19	29°28	28°31	0°49	n.a.	S 30
S 31	7 55 26	0♒48'17	13♎55	2♒21	15♓45	10♐26	21♌34	23♍42	14♐57	23♋32	3♐21	29♉24	28♉27	0♋56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	13n17	5n11	23s13	0s43	16s33	0s31	17s27	0n 5	15n14	1n33	4n52	2n37	22s58	0s11	22n13	0n37	19s19	1n44	20n44	20n30	26n12		n.a.
S 2	23 50	8 2	4 54	23 31	0 49	16 8	0 26	17 40	0 4	15 15	1 34	4 52	2 37	22 59	0 11	22 13	0 37	19 19	1 44	20 44	20 29	26 13		n.a.
S 3	23 49	2 19	4 23	23 49	0 56	15 44	0 21	17 53	0 3	15 16	1 34	4 52	2 37	22 59	0 11	22 13	0 37	19 20	1 44	20 44	20 29	26 14		n.a.
M 4	23 47	3s40	3 36	24 5	1 2	15 18	0 16	18 6	0 3	15 17	1 34	4 52	2 38	23 0	0 11	22 13	0 37	19 20	1 44	20 44	20 28	26 15		n.a.
T 5	23 45	9 41	2 36	24 21	1 8	14 53	0 11	18 18	0 2	15 18	1 34	4 52	2 38	23 0	0 11	22 14	0 37	19 21	1 44	20 44	20 27	26 16		n.a.
W 6	23 43	15 24	1 25	24 35	1 14	14 27	0 6	18 31	0 1	15 20	1 35	4 52	2 38	23 1	0 11	22 14	0 37	19 21	1 44	20 45	20 26	26 16		n.a.
T 7	23 40	20 24	0 6	24 48	1 19	14 2	0 0	18 43	0 0	15 21	1 35	4 52	2 38	23 1	0 11	22 14	0 37	19 21	1 44	20 45	20 26	26 17		n.a.
F 8	23 36	24 13	1s15	24 59	1 24	13 35	0n 6	18 56	0s 1	15 22	1 35	4 52	2 39	23 1	0 11	22 15	0 37	19 22	1 44	20 45	20 25	26 18		n.a.
S 9	23 33	26 22	2 31	25 10	1 29	13 9	0 11	19 8	0 2	15 24	1 36	4 52	2 39	23 2	0 11	22 15	0 37	19 22	1 44	20 44	20 24	26 19		n.a.
S 10	23 28	26 31	3 38	25 18	1 34	12 43	0 17	19 19	0 2	15 25	1 36	4 52	2 39	23 2	0 11	22 15	0 37	19 23	1 43	20 43	20 24	26 20		n.a.
M11	23 24	24 42	4 28	25 26	1 38	12 16	0 23	19 31	0 3	15 27	1 36	4 52	2 40	23 3	0 11	22 15	0 37	19 23	1 43	20 42	20 23	26 21		n.a.
T 12	23 18	21 12	4 59	25 31	1 42	11 49	0 29	19 43	0 4	15 29	1 36	4 52	2 40	23 3	0 11	22 16	0 37	19 24	1 43	20 41	20 22	26 22		n.a.
W13	23 13	16 28	5 10	25 36	1 45	11 22	0 35	19 54	0 5	15 30	1 37	4 52	2 40	23 4	0 11	22 16	0 37	19 24	1 43	20 39	20 22	26 22		n.a.
T 14	23 7	11 0	5 2	25 38	1 49	10 55	0 41	20 5	0 6	15 32	1 37	4 53	2 40	23 4	0 11	22 16	0 37	19 24	1 43	20 38	20 21	26 23		n.a.
F 15	23 0	5 11	4 37	25 39	1 52	10 28	0 48	20 16	0 7	15 34	1 37	4 53	2 41	23 4	0 12	22 17	0 37	19 25	1 43	20 38	20 20	26 24		n.a.
S 16	22 53	0n39	3 58	25 39	1 54	10 1	0 54	20 27	0 7	15 36	1 38	4 53	2 41	23 5	0 12	22 17	0 37	19 25	1 43	20 37	20 19	26 25		n.a.
S 17	22 46	6 18	3 8	25 36	1 56	9 33	1 1	20 37	0 8	15 38	1 38	4 54	2 41	23 5	0 12	22 17	0 37	19 25	1 43	20 37	20 19	26 26		n.a.
M18	22 38	11 34	2 11	25 32	1 58	9 6	1 7	20 48	0 9	15 40	1 38	4 54	2 42	23 5	0 12	22 18	0 37	19 26	1 43	20 37	20 18	26 26		n.a.
T 19	22 30	16 17	1 10	25 26	2 0	8 38	1 14	20 58	0 10	15 42	1 38	4 55	2 42	23 6	0 12	22 18	0 37	19 26	1 43	20 38	20 17	26 27		n.a.
W20	22 21	20 19	0 6	25 18	2 1	8 11	1 21	21 8	0 11	15 44	1 39	4 55	2 42	23 6	0 12	22 18	0 37	19 27	1 43	20 38	20 17	26 28		n.a.
T 21	22 12	23 29	0n58	25 8	2 1	7 44	1 28	21 18	0 12	15 46	1 39	4 56	2 42	23 7	0 12	22 19	0 37	19 27	1 43	20 38	20 16	26 29		n.a.
F 22	22 2	25 38	1 58	24 56	2 1	7 16	1 35	21 27	0 13	15 48	1 39	4 56	2 43	23 7	0 12	22 19	0 37	19 27	1 43	20 37	20 15	26 30		n.a.
S 23	21 52	26 38	2 54	24 42	2 1	6 49	1 42	21 36	0 13	15 50	1 39	4 57	2 43	23 7	0 12	22 19	0 37	19 28	1 43	20 36	20 15	26 30		n.a.
S 24	21 42	26 25	3 42	24 26	2 0	6 21	1 49	21 46	0 14	15 52	1 40	4 58	2 43	23 8	0 12	22 19	0 37	19 28	1 43	20 34	20 14	26 31		n.a.
M25	21 31	24 58	4 21	24 8	1 59	5 54	1 57	21 55	0 15	15 54	1 40	4 59	2 43	23 8	0 12	22 20	0 37	19 28	1 43	20 32	20 13	26 32		n.a.
T 26	21 20	22 22	4 48	23 48	1 57	5 27	2 4	22 3	0 16	15 57	1 40	4 59	2 44	23 8	0 12	22 20	0 37	19 29	1 43	20 30	20 12	26 33		n.a.
W27	21 9	18 45	5 2	23 25	1 54	5 0	2 11	22 12	0 17	15 59	1 40	5 0	2 44	23 9	0 12	22 20	0 37	19 29	1 42	20 28	20 12	26 33		n.a.
T 28	20 57	14 18	5 3	23 1	1 52	4 33	2 19	22 20	0 18	16 1	1 40	5 1	2 44	23 9	0 12	22 21	0 37	19 29	1 42	20 26	20 11	26 34		n.a.
F 29	20 44	9 11	4 49	22 34	1 48	4 6	2 27	22 28	0 19	16 4	1 41	5 2	2 44	23 9	0 12	22 21	0 37	19 30	1 42	20 24	20 10	26 35		n.a.
S 30	20 32	3 36	4 20	22 5	1 44	3 40	2 34	22 36	0 20	16 6	1 41	5 3	2 45	23 10	0 12	22 21	0 37	19 30	1 42	20 22	20 10	26 35		n.a.
S 31	20s19	2s15	3n38	21s34	1s39	3s13	2n42	22s44	0s21	16n 8	1n41	5n 4	2n45	23s10	0s12	22n22	0n37	19s30	1n42	20n21	20n 9	26n36		n.a.

Julian Day Number = 1283488.5, Delta T = 08h05m55s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'29, Lahiri = -20°30'28 Julian Calendar 1 Jan. 1199 BCE == Greg. Calendar 21 Dec. 1200 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

FEBRUARY 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 59 22	1♒48'04	27♎13	4♒18	16♓33	11♐11	21°R27	23°R40	15♐ 0	23°R30	3♐22	29°D23	28♉24	1♋ 2	n.a.	M 1
T 2	8 3 19	2°47'50	10♏49	6°16	17°21	11°56	21♏20	23♍38	15° 3	23♋29	3°23	29♉23	28°21	1° 9	n.a.	T 2
W 3	8 7 15	3°47'33	24°47	8°14	18° 7	12°41	21°13	23°36	15° 5	23°27	3°25	29°R23	28°18	1°16	n.a.	W 3
T 4	8 11 12	4°47'15	9♐ 5	10°13	18°53	13°26	21° 6	23°34	15° 8	23°25	3°26	29°23	28°15	1°22	n.a.	T 4
F 5	8 15 8	5°46'55	23°44	12°12	19°37	14°11	20°59	23°32	15°10	23°24	3°27	29°21	28°12	1°29	n.a.	F 5
S 6	8 19 5	6°46'34	8♑37	14°11	20°21	14°56	20°52	23°29	15°13	23°22	3°28	29°16	28° 8	1°36	n.a.	S 6
S 7	8 23 2	7°46'10	23°40	16°10	21° 3	15°41	20°44	23°27	15°16	23°21	3°29	29° 9	28° 5	1°42	n.a.	S 7
M 8	8 26 58	8°45'44	8♒42	18° 8	21°44	16°26	20°37	23°24	15°18	23°19	3°30	28°59	28° 2	1°49	n.a.	M 8
T 9	8 30 55	9°45'15	23°33	20° 6	22°25	17°11	20°29	23°22	15°20	23°17	3°31	28°48	27°59	1°56	n.a.	T 9
W10	8 34 51	10°44'45	8♓ 6	22° 2	23° 4	17°56	20°22	23°19	15°23	23°16	3°32	28°38	27°56	2° 2	n.a.	W10
T 11	8 38 48	11°44'12	22°13	23°57	23°41	18°41	20°14	23°17	15°25	23°14	3°33	28°28	27°53	2° 9	n.a.	T 11
F 12	8 42 44	12°43'37	5♈51	25°50	24°18	19°26	20° 7	23°14	15°27	23°13	3°34	28°21	27°49	2°16	n.a.	F 12
S 13	8 46 41	13°42'59	19° 2	27°41	24°53	20°11	19°59	23°11	15°30	23°11	3°35	28°16	27°46	2°22	n.a.	S 13
S 14	8 50 37	14°42'18	1♉46	29°29	25°27	20°56	19°51	23° 8	15°32	23°10	3°36	28°14	27°43	2°29	n.a.	S 14
M15	8 54 34	15°41'36	14° 8	1♓14	25°59	21°41	19°44	23° 5	15°34	23° 8	3°37	28°D13	27°40	2°36	n.a.	M15
T 16	8 58 31	16°40'51	26°13	2°55	26°30	22°26	19°36	23° 2	15°36	23° 7	3°38	28°R13	27°37	2°42	n.a.	T 16
W17	9 2 27	17°40'03	8♊ 8	4°32	26°59	23°11	19°28	22°59	15°38	23° 5	3°39	28°13	27°33	2°49	n.a.	W17
T 18	9 6 24	18°39'13	19°56	6° 4	27°27	23°56	19°21	22°55	15°40	23° 4	3°40	28°11	27°30	2°56	n.a.	T 18
F 19	9 10 20	19°38'21	1♋44	7°32	27°53	24°41	19°13	22°52	15°42	23° 2	3°41	28° 7	27°27	3° 2	n.a.	F 19
S 20	9 14 17	20°37'26	13°34	8°55	28°17	25°26	19° 5	22°49	15°44	23° 1	3°41	28° 0	27°24	3° 9	n.a.	S 20
S 21	9 18 13	21°36'29	25°32	10°12	28°40	26°11	18°57	22°45	15°46	22°59	3°42	27°51	27°21	3°16	n.a.	S 21
M22	9 22 10	22°35'30	7♌38	11°24	29° 0	26°56	18°50	22°42	15°48	22°58	3°43	27°39	27°18	3°22	n.a.	M22
T 23	9 26 6	23°34'28	19°55	12°29	29°19	27°41	18°42	22°38	15°50	22°56	3°43	27°25	27°14	3°29	n.a.	T 23
W24	9 30 3	24°33'24	2♍23	13°28	29°36	28°26	18°34	22°34	15°52	22°55	3°44	27°11	27°11	3°36	n.a.	W24
T 25	9 33 59	25°32'18	15° 3	14°21	29°50	29°11	18°27	22°31	15°54	22°54	3°45	26°58	27° 8	3°42	n.a.	T 25
F 26	9 37 56	26°31'10	27°54	15° 7	0♈ 3	29°56	18°19	22°27	15°55	22°52	3°45	26°47	27° 5	3°49	n.a.	F 26
S 27	9 41 53	27°29'59	10♎56	15°47	0°13	0♑42	18°11	22°23	15°57	22°51	3°46	26°39	27° 2	3°56	n.a.	S 27
S 28	9 45 49	28♒28'47	24♎10	16♓19	0♈21	1♑27	18♌ 4	22♍19	15♐59	22♋50	3♐46	26♉34	26♉59	4♋ 2	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 5	8s 7	2n43	21s 1	1s34	2s47	2n50	22s51	0s22	16n11	1n41	5n 5	2n45	23s10	0s12	22n22	0n37	19s30	1n42	20n21	20n 8	26n37		n.a.
T 2	19 52	13 47	1 37	20 26	1 28	2 21	2 58	22 58	0 22	16 13	1 41	5 6	2 45	23 11	0 12	22 22	0 37	19 31	1 42	20 21	20 7	26 38		n.a.
W 3	19 38	18 53	0 25	19 49	1 22	1 55	3 6	23 5	0 23	16 16	1 41	5 7	2 46	23 11	0 12	22 23	0 37	19 31	1 42	20 21	20 7	26 38		n.a.
T 4	19 23	23 2	0s51	19 10	1 14	1 30	3 14	23 12	0 24	16 18	1 42	5 8	2 46	23 11	0 12	22 23	0 37	19 31	1 42	20 21	20 6	26 39		n.a.
F 5	19 8	25 47	2 6	18 29	1 7	1 5	3 22	23 18	0 25	16 21	1 42	5 9	2 46	23 12	0 12	22 23	0 37	19 32	1 42	20 21	20 5	26 40		n.a.
S 6	18 53	26 45	3 13	17 47	0 58	0 40	3 31	23 24	0 26	16 23	1 42	5 10	2 46	23 12	0 12	22 23	0 37	19 32	1 42	20 20	20 5	26 40		n.a.
S 7	18 38	25 46	4 7	17 2	0 49	0 16	3 39	23 30	0 27	16 26	1 42	5 11	2 47	23 12	0 12	22 24	0 37	19 32	1 42	20 18	20 4	26 41		n.a.
M 8	18 22	22 56	4 44	16 16	0 40	0n 9	3 47	23 36	0 28	16 28	1 42	5 12	2 47	23 13	0 12	22 24	0 37	19 32	1 42	20 16	20 3	26 42		n.a.
T 9	18 6	18 37	5 1	15 29	0 29	0 32	3 56	23 41	0 29	16 31	1 42	5 14	2 47	23 13	0 12	22 24	0 37	19 33	1 42	20 14	20 2	26 42		n.a.
W10	17 50	13 16	4 58	14 41	0 19	0 56	4 4	23 47	0 30	16 33	1 42	5 15	2 47	23 13	0 12	22 25	0 37	19 33	1 42	20 11	20 2	26 43		n.a.
T 11	17 33	7 22	4 37	13 53	0 7	1 18	4 12	23 52	0 31	16 36	1 43	5 16	2 47	23 13	0 12	22 25	0 37	19 33	1 42	20 9	20 1	26 43		n.a.
F 12	17 16	1 18	4 0	13 3	0n 4	1 41	4 21	23 56	0 32	16 38	1 43	5 17	2 48	23 14	0 12	22 25	0 37	19 33	1 42	20 7	20 0	26 44		n.a.
S 13	16 59	4n37	3 12	12 13	0 16	2 3	4 29	24 1	0 33	16 41	1 43	5 19	2 48	23 14	0 12	22 25	0 37	19 34	1 42	20 6	20 0	26 45		n.a.
S 14	16 42	10 10	2 16	11 24	0 29	2 24	4 38	24 5	0 34	16 44	1 43	5 20	2 48	23 14	0 12	22 26	0 37	19 34	1 42	20 6	19 59	26 45		n.a.
M15	16 24	15 10	1 14	10 34	0 41	2 45	4 46	24 9	0 35	16 46	1 43	5 22	2 48	23 14	0 12	22 26	0 37	19 34	1 42	20 6	19 58	26 46		n.a.
T 16	16 6	19 27	0 11	9 46	0 54	3 5	4 55	24 13	0 36	16 49	1 43	5 23	2 49	23 15	0 12	22 26	0 37	19 34	1 41	20 6	19 57	26 46		n.a.
W17	15 48	22 53	0n52	8 58	1 7	3 25	5 3	24 16	0 37	16 51	1 43	5 24	2 49	23 15	0 12	22 26	0 37	19 34	1 41	20 6	19 57	26 47		n.a.
T 18	15 29	25 19	1 52	8 12	1 20	3 44	5 12	24 20	0 38	16 54	1 43	5 26	2 49	23 15	0 12	22 27	0 37	19 35	1 41	20 5	19 56	26 48		n.a.
F 19	15 10	26 37	2 47	7 27	1 33	4 2	5 20	24 23	0 39	16 56	1 43	5 27	2 49	23 15	0 12	22 27	0 37	19 35	1 41	20 4	19 55	26 48		n.a.
S 20	14 51	26 42	3 35	6 44	1 45	4 19	5 29	24 25	0 40	16 59	1 43	5 29	2 49	23 16	0 12	22 27	0 37	19 35	1 41	20 3	19 54	26 49		n.a.
S 21	14 32	25 33	4 14	6 3	1 58	4 36	5 37	24 28	0 41	17 1	1 43	5 30	2 49	23 16	0 12	22 27	0 37	19 35	1 41	20 1	19 54	26 49		n.a.
M22	14 13	23 12	4 42	5 25	2 10	4 52	5 45	24 30	0 42	17 4	1 43	5 32	2 50	23 16	0 12	22 28	0 37	19 35	1 41	19 58	19 53	26 50		n.a.
T 23	13 53	19 46	4 57	4 49	2 21	5 7	5 53	24 32	0 43	17 6	1 43	5 34	2 50	23 16	0 12	22 28	0 37	19 36	1 41	19 55	19 52	26 50		n.a.
W24	13 33	15 25	4 59	4 16	2 32	5 21	6 1	24 33	0 44	17 9	1 43	5 35	2 50	23 17	0 12	22 28	0 37	19 36	1 41	19 51	19 51	26 51		n.a.
T 25	13 13	10 21	4 45	3 46	2 42	5 34	6 9	24 35	0 45	17 11	1 43	5 37	2 50	23 17	0 12	22 28	0 37	19 36	1 41	19 48	19 51	26 51		n.a.
F 26	12 53	4 46	4 17	3 20	2 52	5 46	6 17	24 36	0 46	17 14	1 43	5 39	2 50	23 17	0 12	22 29	0 37	19 36	1 41	19 46	19 50	26 52		n.a.
S 27	12 33	1s 6	3 36	2 56	3 0	5 57	6 24	24 37	0 47	17 16	1 43	5 40	2 50	23 17	0 12	22 29	0 37	19 36	1 41	19 44	19 49	26 52		n.a.
S 28	12s12	7s 1	2n42	2s37	3n 8	6n 7	6n32	24s38	0s48	17n18	1n43	5n42	2n51	23s17	0s12	22n29	0n37	19s36	1n41	19n43	19n48	26n53		n.a.

Julian Day Number = 1283519.5, Delta T = 08h05m54s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'24, Lahiri = -20°30'24 Julian Calendar 1 Feb. 1199 BCE == Greg. Calendar 21 Jan. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

MARCH 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 49 46	29♒27'33	7♏35	16♓45	0♈27	2♑12	17°R56	22°R15	16♐ 0	22°R49	3♐47	26°R31	26♉55	4♋ 9	n.a.	M 1
T 2	9 53 42	0♓26'17	21°14	17° 5	0°31	2°57	17♌49	22♍12	16° 2	22♋47	3°47	26♉30	26°52	4°16	n.a.	T 2
W 3	9 57 39	1°25'00	5♐ 6	17°17	0°R32	3°42	17°42	22° 7	16° 3	22°46	3°48	26°30	26°49	4°22	n.a.	W 3
T 4	10 1 35	2°23'40	19°13	17°R23	0°31	4°27	17°34	22° 3	16° 5	22°45	3°48	26°30	26°46	4°29	n.a.	T 4
F 5	10 5 32	3°22'19	3♑33	17°22	0°27	5°12	17°27	21°59	16° 6	22°44	3°49	26°27	26°43	4°36	n.a.	F 5
S 6	10 9 28	4°20'57	18° 5	17°15	0°21	5°57	17°20	21°55	16° 7	22°42	3°49	26°22	26°39	4°43	n.a.	S 6
S 7	10 13 25	5°19'32	2♒44	17° 3	0°12	6°42	17°13	21°51	16° 9	22°41	3°49	26°15	26°36	4°49	n.a.	S 7
M 8	10 17 22	6°18'05	17°23	16°44	0° 1	7°27	17° 6	21°47	16°10	22°40	3°50	26° 4	26°33	4°56	n.a.	M 8
T 9	10 21 18	7°16'36	1♓56	16°21	29♓48	8°12	16°59	21°43	16°11	22°39	3°50	25°53	26°30	5° 3	n.a.	T 9
W10	10 25 15	8°15'06	16°15	15°53	29°32	8°58	16°52	21°38	16°12	22°38	3°50	25°42	26°27	5° 9	n.a.	W10
T 11	10 29 11	9°13'33	0♈14	15°20	29°14	9°43	16°45	21°34	16°13	22°37	3°50	25°31	26°24	5°16	n.a.	T 11
F 12	10 33 8	10°11'58	13°48	14°45	28°53	10°28	16°39	21°30	16°14	22°36	3°50	25°23	26°20	5°23	n.a.	F 12
S 13	10 37 4	11°10'21	26°58	14° 7	28°30	11°13	16°32	21°25	16°15	22°35	3°51	25°18	26°17	5°29	n.a.	S 13
S 14	10 41 1	12° 8'41	9♉43	13°26	28° 5	11°58	16°26	21°21	16°16	22°34	3°51	25°15	26°14	5°36	n.a.	S 14
M15	10 44 57	13° 7'00	22° 8	12°45	27°38	12°43	16°19	21°17	16°17	22°33	3°51	25°D14	26°11	5°43	n.a.	M15
T 16	10 48 54	14° 5'16	4♊16	12° 3	27° 9	13°28	16°13	21°12	16°18	22°32	3°51	25°14	26° 8	5°49	n.a.	T 16
W17	10 52 50	15° 3'30	16°12	11°22	26°38	14°13	16° 7	21° 8	16°19	22°31	3°R51	25°R14	26° 4	5°56	n.a.	W17
T 18	10 56 47	16° 1'42	28° 3	10°41	26° 6	14°57	16° 1	21° 3	16°20	22°30	3°51	25°13	26° 1	6° 3	n.a.	T 18
F 19	11 0 44	16°59'52	9♋53	10° 3	25°31	15°42	15°55	20°59	16°20	22°30	3°51	25°11	25°58	6° 9	n.a.	F 19
S 20	11 4 40	17°58'00	21°46	9°26	24°56	16°27	15°50	20°54	16°21	22°29	3°51	25° 6	25°55	6°16	n.a.	S 20
S 21	11 8 37	18°56'06	3♌48	8°53	24°20	17°12	15°44	20°50	16°22	22°28	3°51	24°59	25°52	6°23	n.a.	S 21
M22	11 12 33	19°54'09	16° 2	8°23	23°43	17°57	15°39	20°45	16°22	22°27	3°50	24°49	25°49	6°29	n.a.	M22
T 23	11 16 30	20°52'11	28°30	7°57	23° 5	18°42	15°34	20°41	16°23	22°27	3°50	24°39	25°45	6°36	n.a.	T 23
W24	11 20 26	21°50'11	11♍12	7°35	22°27	19°27	15°29	20°36	16°23	22°26	3°50	24°27	25°42	6°43	n.a.	W24
T 25	11 24 23	22°48'09	24°10	7°18	21°48	20°11	15°24	20°32	16°24	22°25	3°50	24°17	25°39	6°49	n.a.	T 25
F 26	11 28 19	23°46'05	7♎22	7° 5	21°10	20°56	15°19	20°27	16°24	22°25	3°50	24° 8	25°36	6°56	n.a.	F 26
S 27	11 32 16	24°43'59	20°46	6°57	20°33	21°41	15°14	20°23	16°24	22°24	3°49	24° 1	25°33	7° 3	n.a.	S 27
S 28	11 36 12	25°41'52	4♏22	6°D53	19°56	22°26	15°10	20°18	16°25	22°23	3°49	23°57	25°30	7° 9	n.a.	S 28
M29	11 40 9	26°39'43	18° 6	6°55	19°20	23°10	15° 5	20°14	16°25	22°23	3°49	23°D56	25°26	7°16	n.a.	M29
T 30	11 44 6	27°37'33	1♐59	7° 1	18°45	23°55	15° 1	20°10	16°25	22°22	3°48	23°56	25°23	7°23	n.a.	T 30
W31	11 48 2	28♓35'22	15♐59	7♓12	18♓11	24♑40	14♌57	20♍ 5	16♐25	22♋22	3♐48	23♉57	25♉20	7♋29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s51	12s44	1n38	2s20	3n14	6n16	6n39	24s38	0s49	17n21	1n43	5n44	2n51	23s18	0s12	22n29	0n37	19s37	1n41	19n42	19n48	26n53			n.a.
T 2	11 30	17 55	0 28	2 8	3 20	6 23	6 46	24 38	0 50	17 23	1 43	5 45	2 51	23 18	0 12	22 29	0 37	19 37	1 41	19 42	19 47	26 54			n.a.
W 3	11 9	22 15	0s45	1 59	3 24	6 30	6 52	24 38	0 51	17 25	1 43	5 47	2 51	23 18	0 12	22 30	0 37	19 37	1 41	19 42	19 46	26 54			n.a.
T 4	10 48	25 20	1 57	1 54	3 27	6 35	6 58	24 37	0 52	17 28	1 43	5 49	2 51	23 18	0 12	22 30	0 37	19 37	1 41	19 42	19 45	26 55			n.a.
F 5	10 26	26 50	3 2	1 53	3 28	6 39	7 4	24 37	0 53	17 30	1 43	5 50	2 51	23 18	0 12	22 30	0 37	19 37	1 41	19 41	19 45	26 55			n.a.
S 6	10 5	26 30	3 57	1 56	3 28	6 41	7 10	24 36	0 54	17 32	1 43	5 52	2 51	23 18	0 12	22 30	0 37	19 37	1 41	19 40	19 44	26 56			n.a.
S 7	9 43	24 21	4 36	2 2	3 27	6 43	7 15	24 35	0 55	17 34	1 43	5 54	2 51	23 19	0 12	22 30	0 37	19 37	1 41	19 38	19 43	26 56			n.a.
M 8	9 21	20 35	4 57	2 12	3 24	6 42	7 19	24 33	0 56	17 36	1 43	5 56	2 51	23 19	0 12	22 31	0 37	19 37	1 41	19 36	19 42	26 57			n.a.
T 9	8 59	15 36	4 59	2 25	3 20	6 41	7 23	24 32	0 57	17 38	1 43	5 58	2 52	23 19	0 12	22 31	0 37	19 37	1 41	19 33	19 42	26 57			n.a.
W10	8 37	9 50	4 42	2 41	3 14	6 37	7 27	24 30	0 58	17 40	1 43	5 59	2 52	23 19	0 12	22 31	0 37	19 38	1 40	19 30	19 41	26 57			n.a.
T 11	8 15	3 41	4 8	3 1	3 6	6 33	7 30	24 27	0 59	17 42	1 43	6 1	2 52	23 19	0 12	22 31	0 37	19 38	1 40	19 28	19 40	26 58			n.a.
F 12	7 52	2n28	3 21	3 23	2 57	6 27	7 32	24 25	1 0	17 44	1 43	6 3	2 52	23 19	0 12	22 31	0 37	19 38	1 40	19 26	19 39	26 58			n.a.
S 13	7 30	8 20	2 24	3 47	2 47	6 19	7 34	24 22	1 1	17 46	1 43	6 5	2 52	23 19	0 12	22 32	0 37	19 38	1 40	19 24	19 39	26 59			n.a.
S 14	7 7	13 41	1 21	4 14	2 36	6 10	7 35	24 19	1 2	17 48	1 42	6 7	2 52	23 19	0 12	22 32	0 37	19 38	1 40	19 24	19 38	26 59			n.a.
M15	6 44	18 21	0 16	4 41	2 23	5 59	7 35	24 16	1 3	17 50	1 42	6 8	2 52	23 20	0 13	22 32	0 37	19 38	1 40	19 23	19 37	26 59			n.a.
T 16	6 22	22 8	0n48	5 10	2 9	5 47	7 35	24 12	1 4	17 52	1 42	6 10	2 52	23 20	0 13	22 32	0 37	19 38	1 40	19 23	19 36	27 0			n.a.
W17	5 59	24 55	1 49	5 39	1 55	5 33	7 33	24 9	1 5	17 53	1 42	6 12	2 52	23 20	0 13	22 32	0 37	19 38	1 40	19 23	19 36	27 0			n.a.
T 18	5 36	26 35	2 45	6 9	1 39	5 18	7 31	24 5	1 6	17 55	1 42	6 14	2 52	23 20	0 13	22 32	0 37	19 38	1 40	19 23	19 35	27 1			n.a.
F 19	5 13	27 1	3 34	6 39	1 24	5 2	7 28	24 0	1 7	17 57	1 42	6 16	2 52	23 20	0 13	22 32	0 37	19 38	1 40	19 23	19 34	27 1			n.a.
S 20	4 50	26 13	4 14	7 7	1 7	4 44	7 25	23 56	1 8	17 58	1 42	6 18	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 21	19 33	27 1			n.a.
S 21	4 27	24 12	4 43	7 35	0 51	4 26	7 20	23 51	1 9	18 0	1 42	6 19	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 20	19 33	27 2			n.a.
M22	4 4	21 3	4 59	8 2	0 34	4 6	7 15	23 46	1 10	18 1	1 41	6 21	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 17	19 32	27 2			n.a.
T 23	3 41	16 54	5 2	8 27	0 18	3 45	7 8	23 41	1 11	18 3	1 41	6 23	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 15	19 31	27 2			n.a.
W24	3 17	11 56	4 50	8 50	0 2	3 23	7 1	23 36	1 12	18 4	1 41	6 25	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 12	19 30	27 3			n.a.
T 25	2 54	6 22	4 23	9 11	0s14	3 1	6 53	23 30	1 13	18 6	1 41	6 27	2 52	23 20	0 13	22 33	0 37	19 38	1 40	19 9	19 30	27 3			n.a.
F 26	2 31	0 25	3 42	9 30	0 29	2 38	6 45	23 24	1 14	18 7	1 41	6 28	2 52	23 21	0 13	22 33	0 37	19 38	1 40	19 7	19 29	27 3			n.a.
S 27	2 8	5s40	2 47	9 47	0 44	2 14	6 35	23 18	1 15	18 8	1 41	6 30	2 52	23 21	0 13	22 33	0 37	19 38	1 40	19 5	19 28	27 3			n.a.
S 28	1 44	11 35	1 43	10 2	0 58	1 50	6 25	23 11	1 16	18 9	1 40	6 32	2 52	23 21	0 13	22 33	0 37	19 38	1 40	19 4	19 27	27 4			n.a.
M29	1 21	17 1	0 31	10 14	1 12	1 26	6 15	23 5	1 17	18 10	1 40	6 34	2 52	23 21	0 13	22 33	0 37	19 38	1 40	19 4	19 26	27 4			n.a.
T 30	0 58	21 36	0s43	10 23	1 24	1 2	6 4	22 58	1 18	18 11	1 40	6 35	2 52	23 21	0 13	22 34	0 37	19 38	1 40	19 4	19 26	27 4			n.a.
W31	0s34	25s 0	1s55	10s30	1s36	0n38	5n52	22s51	1s19	18n13	1n40	6n37	2n52	23s21	0s13	22n34	0n37	19s38	1n39	19n 4	19n25	27n 5			n.a.

Julian Day Number = 1283547.5, Delta T = 08h05m52s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'21, Lahiri = -20°30'20 Julian Calendar 1 March 1199 BCE == Greg. Calendar 18 Feb. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

APRIL 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 59	29♓33'09	0♉ 5	7♓27	17°R39	25♉24	14°R53	20°R 1	16♐25	22°R21	3°R48	23°R57	25♉17	7♋36	n.a.	T 1
F 2	11 55 55	0♈30'56	14°16	7°47	17♓ 9	26° 9	14♎50	19♍56	16°R25	22♋21	3♐47	23♉56	25°14	7°43	n.a.	F 2
S 3	11 59 52	1°28'40	28°31	8°11	16°40	26°54	14°46	19°52	16°25	22°21	3°47	23°53	25°10	7°50	n.a.	S 3
S 4	12 3 48	2°26'24	12♒47	8°40	16°14	27°38	14°43	19°48	16°25	22°20	3°46	23°49	25° 7	7°56	n.a.	S 4
M 5	12 7 45	3°24'06	27° 0	9°12	15°49	28°23	14°40	19°43	16°25	22°20	3°46	23°42	25° 4	8° 3	n.a.	M 5
T 6	12 11 41	4°21'47	11♓ 6	9°49	15°27	29° 7	14°37	19°39	16°25	22°20	3°45	23°34	25° 1	8°10	n.a.	T 6
W 7	12 15 38	5°19'27	25° 0	10°30	15° 7	29°52	14°34	19°35	16°24	22°19	3°44	23°26	24°58	8°16	n.a.	W 7
T 8	12 19 35	6°17'05	8♈38	11°14	14°50	0♒36	14°31	19°31	16°24	22°19	3°44	23°19	24°55	8°23	n.a.	T 8
F 9	12 23 31	7°14'42	21°58	12° 2	14°34	1°20	14°29	19°27	16°24	22°19	3°43	23°14	24°51	8°30	n.a.	F 9
S 10	12 27 28	8°12'17	4♉58	12°53	14°21	2° 5	14°26	19°22	16°23	22°19	3°43	23°10	24°48	8°36	n.a.	S 10
S 11	12 31 24	9° 9'51	17°38	13°48	14°11	2°49	14°24	19°18	16°23	22°19	3°42	23°D 8	24°45	8°43	n.a.	S 11
M12	12 35 21	10° 7'23	29°59	14°46	14° 3	3°33	14°22	19°14	16°22	22°19	3°41	23° 8	24°42	8°50	n.a.	M12
T 13	12 39 17	11° 4'54	12♊ 8	15°47	13°57	4°17	14°21	19°10	16°22	22°19	3°40	23°10	24°39	8°56	n.a.	T 13
W14	12 43 14	12° 2'23	24° 5	16°51	13°54	5° 1	14°19	19° 6	16°21	22°D19	3°40	23°11	24°36	9° 3	n.a.	W14
T 15	12 47 10	12°59'51	5♋57	17°58	13°D53	5°45	14°18	19° 2	16°21	22°19	3°39	23°12	24°32	9°10	n.a.	T 15
F 16	12 51 7	13°57'18	17°48	19° 8	13°55	6°29	14°17	18°59	16°20	22°19	3°38	23°R12	24°29	9°16	n.a.	F 16
S 17	12 55 4	14°54'43	29°44	20°21	13°58	7°13	14°15	18°55	16°19	22°19	3°37	23°11	24°26	9°23	n.a.	S 17
S 18	12 59 0	15°52'06	11♎48	21°36	14° 4	7°57	14°15	18°51	16°19	22°19	3°36	23° 8	24°23	9°30	n.a.	S 18
M19	13 2 57	16°49'28	24° 6	22°55	14°13	8°41	14°14	18°47	16°18	22°19	3°35	23° 4	24°20	9°36	n.a.	M19
T 20	13 6 53	17°46'49	6♍40	24°16	14°23	9°25	14°13	18°44	16°17	22°19	3°35	22°59	24°16	9°43	n.a.	T 20
W21	13 10 50	18°44'09	19°33	25°39	14°35	10° 9	14°13	18°40	16°16	22°19	3°34	22°53	24°13	9°50	n.a.	W21
T 22	13 14 46	19°41'27	2♏45	27° 6	14°50	10°53	14°D13	18°37	16°15	22°20	3°33	22°48	24°10	9°56	n.a.	T 22
F 23	13 18 43	20°38'44	16°15	28°35	15° 6	11°36	14°13	18°33	16°14	22°20	3°32	22°43	24° 7	10° 3	n.a.	F 23
S 24	13 22 39	21°36'01	0♏ 2	0♈ 6	15°24	12°20	14°13	18°30	16°13	22°20	3°31	22°40	24° 4	10°10	n.a.	S 24
S 25	13 26 36	22°33'16	14° 3	1°40	15°44	13° 3	14°14	18°26	16°12	22°20	3°30	22°39	24° 1	10°17	n.a.	S 25
M26	13 30 33	23°30'31	28°13	3°16	16° 6	13°47	14°14	18°23	16°11	22°21	3°29	22°D39	23°57	10°23	n.a.	M26
T 27	13 34 29	24°27'45	12♐29	4°55	16°30	14°30	14°15	18°20	16°10	22°21	3°28	22°40	23°54	10°30	n.a.	T 27
W28	13 38 26	25°24'58	26°48	6°37	16°55	15°14	14°16	18°17	16° 9	22°22	3°27	22°41	23°51	10°37	n.a.	W28
T 29	13 42 22	26°22'11	11♑ 5	8°21	17°22	15°57	14°17	18°14	16° 7	22°22	3°25	22°42	23°48	10°43	n.a.	T 29
F 30	13 46 19	27♈19'24	25♑19	10♈ 8	17♓50	16♒40	14♎19	18♍11	16♐ 6	22♋23	3♐24	22°R43	23♉45	10♋50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s11	26s52	3s 1	10s35	1s48	0n14	5n40	22s44	1s20	18n13	1n40	6n39	2n52	23s21	0s13	22n34	0n37	19s38	1n39	19n 4	19n24	27n 5		n.a.
F 2	0n12	26 59	3 57	10 37	1 58	0s 9	5 27	22 36	1 21	18 14	1 40	6 41	2 52	23 21	0 13	22 34	0 37	19 38	1 39	19 4	19 23	27 5		n.a.
S 3	0 36	25 19	4 37	10 36	2 8	0 32	5 14	22 28	1 22	18 15	1 39	6 42	2 52	23 21	0 13	22 34	0 37	19 38	1 39	19 3	19 23	27 5		n.a.
S 4	0 59	22 3	5 1	10 33	2 16	0 54	5 1	22 21	1 23	18 16	1 39	6 44	2 52	23 21	0 13	22 34	0 37	19 38	1 39	19 2	19 22	27 6		n.a.
M 5	1 22	17 29	5 6	10 28	2 24	1 16	4 48	22 12	1 24	18 17	1 39	6 46	2 52	23 21	0 13	22 34	0 37	19 38	1 39	19 1	19 21	27 6		n.a.
T 6	1 46	12 1	4 53	10 21	2 31	1 37	4 34	22 4	1 25	18 18	1 39	6 47	2 52	23 21	0 13	22 34	0 37	19 38	1 39	18 59	19 20	27 6		n.a.
W 7	2 9	6 1	4 22	10 11	2 38	1 58	4 20	21 55	1 26	18 18	1 38	6 49	2 52	23 21	0 13	22 34	0 37	19 38	1 39	18 57	19 19	27 6		n.a.
T 8	2 32	0n10	3 37	9 59	2 43	2 17	4 7	21 47	1 27	18 19	1 38	6 51	2 52	23 21	0 13	22 34	0 37	19 38	1 39	18 55	19 19	27 6		n.a.
F 9	2 55	6 13	2 40	9 45	2 48	2 36	3 53	21 38	1 28	18 19	1 38	6 52	2 52	23 21	0 13	22 34	0 37	19 38	1 39	18 53	19 18	27 7		n.a.
S 10	3 18	11 52	1 37	9 28	2 52	2 54	3 39	21 29	1 29	18 20	1 38	6 54	2 52	23 21	0 13	22 34	0 37	19 38	1 39	18 52	19 17	27 7		n.a.
S 11	3 41	16 54	0 30	9 10	2 55	3 10	3 26	21 19	1 30	18 20	1 38	6 55	2 51	23 21	0 13	22 34	0 37	19 38	1 39	18 52	19 16	27 7		n.a.
M12	4 4	21 6	0n37	8 49	2 58	3 26	3 12	21 10	1 31	18 21	1 37	6 57	2 51	23 21	0 13	22 34	0 37	19 37	1 39	18 52	19 16	27 7		n.a.
T 13	4 27	24 18	1 41	8 27	2 59	3 40	2 59	21 0	1 32	18 21	1 37	6 58	2 51	23 21	0 13	22 34	0 37	19 37	1 39	18 52	19 15	27 7		n.a.
W14	4 50	26 22	2 40	8 2	3 0	3 54	2 45	20 50	1 33	18 21	1 37	7 0	2 51	23 21	0 13	22 34	0 37	19 37	1 39	18 53	19 14	27 7		n.a.
T 15	5 13	27 13	3 31	7 36	3 1	4 6	2 32	20 40	1 34	18 21	1 37	7 1	2 51	23 21	0 13	22 34	0 37	19 37	1 39	18 53	19 13	27 8		n.a.
F 16	5 36	26 49	4 14	7 8	3 0	4 17	2 19	20 30	1 35	18 21	1 36	7 3	2 51	23 21	0 13	22 34	0 37	19 37	1 39	18 53	19 12	27 8		n.a.
S 17	5 58	25 11	4 45	6 37	2 59	4 28	2 7	20 19	1 36	18 21	1 36	7 4	2 51	23 20	0 13	22 34	0 37	19 37	1 39	18 53	19 12	27 8		n.a.
S 18	6 21	22 24	5 5	6 5	2 57	4 37	1 54	20 9	1 37	18 22	1 36	7 6	2 51	23 20	0 13	22 34	0 37	19 37	1 38	18 52	19 11	27 8		n.a.
M19	6 43	18 35	5 11	5 32	2 55	4 45	1 42	19 58	1 38	18 21	1 36	7 7	2 51	23 20	0 13	22 34	0 37	19 37	1 38	18 51	19 10	27 8		n.a.
T 20	7 5	13 52	5 2	4 56	2 52	4 52	1 30	19 47	1 39	18 21	1 36	7 8	2 50	23 20	0 13	22 34	0 37	19 37	1 38	18 50	19 9	27 8		n.a.
W21	7 28	8 27	4 38	4 19	2 48	4 57	1 19	19 36	1 40	18 21	1 35	7 9	2 50	23 20	0 13	22 34	0 37	19 37	1 38	18 48	19 8	27 8		n.a.
T 22	7 50	2 32	3 59	3 40	2 44	5 2	1 8	19 25	1 41	18 21	1 35	7 11	2 50	23 20	0 13	22 34	0 37	19 36	1 38	18 47	19 8	27 8		n.a.
F 23	8 12	3s39	3 6	3 0	2 39	5 6	0 57	19 13	1 42	18 21	1 35	7 12	2 50	23 20	0 13	22 34	0 37	19 36	1 38	18 46	19 7	27 8		n.a.
S 24	8 33	9 48	2 0	2 18	2 33	5 9	0 46	19 2	1 43	18 21	1 35	7 13	2 50	23 20	0 13	22 34	0 37	19 36	1 38	18 45	19 6	27 9		n.a.
S 25	8 55	15 34	0 47	1 34	2 27	5 10	0 35	18 50	1 44	18 20	1 34	7 14	2 50	23 20	0 13	22 34	0 37	19 36	1 38	18 44	19 5	27 9		n.a.
M26	9 17	20 35	0s31	0 49	2 21	5 11	0 25	18 38	1 45	18 20	1 34	7 16	2 49	23 20	0 13	22 34	0 37	19 36	1 38	18 44	19 4	27 9		n.a.
T 27	9 38	24 26	1 47	0 3	2 14	5 11	0 15	18 26	1 46	18 19	1 34	7 17	2 49	23 20	0 13	22 34	0 37	19 36	1 38	18 45	19 4	27 9		n.a.
W28	9 59	26 44	2 56	0n45	2 6	5 10	0 6	18 14	1 47	18 19	1 34	7 18	2 49	23 20	0 13	22 33	0 37	19 36	1 38	18 45	19 3	27 9		n.a.
T 29	10 20	27 16	3 55	1 34	1 58	5 7	0s 3	18 2	1 48	18 18	1 33	7 19	2 49	23 19	0 13	22 33	0 37	19 35	1 38	18 45	19 2	27 9		n.a.
F 30	10n41	26s 0	4s39	2n24	1s49	5s 4	0s12	17s49	1s49	18n18	1n33	7n20	2n49	23s19	0s13	22n33	0n37	19s35	1n38	18n45	19n 1	27n 9		n.a.

Julian Day Number = 1283578.5, Delta T = 08h05m51s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'16, Lahiri = -20°30'16 Julian Calendar 1 Apr. 1199 BCE == Greg. Calendar 21 March 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

MAY 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 15	28♈16'36	9♒27	11♈57	18♓20	17♒23	14♌20	18°R 8	16°R 5	22♋23	3°R23	22°R42	23♉41	10♋57	n.a.	S 1
S 2	13 54 12	29°13'47	23°28	13°48	18°52	18° 6	14°22	18♍ 5	16♐ 3	22°24	3♐22	22♉41	23°38	11° 3	n.a.	S 2
M 3	13 58 8	0♉10'58	7♓19	15°42	19°24	18°49	14°24	18° 2	16° 2	22°24	3°21	22°39	23°35	11°10	n.a.	M 3
T 4	14 2 5	1° 8'09	20°59	17°38	19°58	19°32	14°26	18° 0	16° 1	22°25	3°20	22°36	23°32	11°17	n.a.	T 4
W 5	14 6 2	2° 5'19	4♈26	19°36	20°34	20°15	14°28	17°57	15°59	22°25	3°18	22°33	23°29	11°23	n.a.	W 5
T 6	14 9 58	3° 2'29	17°40	21°37	21°10	20°58	14°30	17°54	15°58	22°26	3°17	22°30	23°26	11°30	n.a.	T 6
F 7	14 13 55	3°59'38	0♉38	23°39	21°48	21°41	14°33	17°52	15°56	22°27	3°16	22°28	23°22	11°37	n.a.	F 7
S 8	14 17 51	4°56'47	13°21	25°43	22°27	22°23	14°35	17°50	15°54	22°28	3°15	22°27	23°19	11°43	n.a.	S 8
S 9	14 21 48	5°53'55	25°49	27°49	23° 6	23° 6	14°38	17°47	15°53	22°28	3°13	22°D27	23°16	11°50	n.a.	S 9
M10	14 25 44	6°51'03	8♊ 4	29°57	23°47	23°48	14°41	17°45	15°51	22°29	3°12	22°27	23°13	11°57	n.a.	M10
T 11	14 29 41	7°48'11	20° 8	2♉ 5	24°29	24°31	14°45	17°43	15°49	22°30	3°11	22°29	23°10	12° 4	n.a.	T 11
W12	14 33 38	8°45'17	2♋ 4	4°15	25°12	25°13	14°48	17°41	15°48	22°31	3°10	22°30	23° 7	12°10	n.a.	W12
T 13	14 37 34	9°42'24	13°56	6°26	25°56	25°55	14°52	17°39	15°46	22°32	3° 8	22°31	23° 3	12°17	n.a.	T 13
F 14	14 41 31	10°39'29	25°47	8°37	26°41	26°37	14°55	17°37	15°44	22°33	3° 7	22°32	23° 0	12°24	n.a.	F 14
S 15	14 45 27	11°36'35	7♌42	10°48	27°26	27°19	14°59	17°36	15°42	22°34	3° 6	22°R32	22°57	12°30	n.a.	S 15
S 16	14 49 24	12°33'39	19°47	12°59	28°12	28° 1	15° 3	17°34	15°40	22°35	3° 4	22°32	22°54	12°37	n.a.	S 16
M17	14 53 20	13°30'43	2♍ 4	15°10	29° 0	28°43	15° 7	17°32	15°38	22°36	3° 3	22°32	22°51	12°44	n.a.	M17
T 18	14 57 17	14°27'47	14°39	17°20	29°47	29°25	15°12	17°31	15°37	22°37	3° 1	22°31	22°47	12°50	n.a.	T 18
W19	15 1 13	15°24'50	27°35	19°29	0♈36	0♓ 6	15°16	17°29	15°35	22°38	3° 0	22°30	22°44	12°57	n.a.	W19
T 20	15 5 10	16°21'53	10♎54	21°37	1°25	0°48	15°21	17°28	15°33	22°39	2°59	22°29	22°41	13° 4	n.a.	T 20
F 21	15 9 7	17°18'56	24°35	23°44	2°15	1°29	15°26	17°27	15°31	22°40	2°57	22°29	22°38	13°10	n.a.	F 21
S 22	15 13 3	18°15'58	8♏39	25°50	3° 6	2°10	15°31	17°26	15°29	22°41	2°56	22°28	22°35	13°17	n.a.	S 22
S 23	15 17 0	19°13'01	23° 1	27°54	3°58	2°52	15°36	17°25	15°27	22°42	2°54	22°D28	22°32	13°24	n.a.	S 23
M24	15 20 56	20°10'03	7♐36	29°57	4°50	3°33	15°41	17°24	15°24	22°44	2°53	22°28	22°28	13°31	n.a.	M24
T 25	15 24 53	21° 7'06	22°19	1♑58	5°42	4°14	15°47	17°23	15°22	22°45	2°52	22°28	22°25	13°37	n.a.	T 25
W26	15 28 49	22° 4'09	7♑ 2	3°57	6°35	4°55	15°52	17°22	15°20	22°46	2°50	22°R29	22°22	13°44	n.a.	W26
T 27	15 32 46	23° 1'13	21°39	5°54	7°29	5°35	15°58	17°22	15°18	22°47	2°49	22°29	22°19	13°51	n.a.	T 27
F 28	15 36 43	23°58'17	6♒ 6	7°49	8°23	6°16	16° 4	17°21	15°16	22°49	2°47	22°28	22°16	13°57	n.a.	F 28
S 29	15 40 39	24°55'21	20°18	9°42	9°18	6°57	16°10	17°21	15°14	22°50	2°46	22°D28	22°13	14° 4	n.a.	S 29
S 30	15 44 36	25°52'26	4♓13	11°34	10°13	7°37	16°16	17°20	15°12	22°51	2°44	22°28	22° 9	14°11	n.a.	S 30
M31	15 48 32	26♉49'31	17♓52	13♊23	11♈ 9	8♓17	16♌22	17♍20	15♐ 9	22♋53	2♐43	22♉29	22♉ 6	14♋17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 2	23s 5	5s 6	3n16	1s40	5s 0	0s21	17s37	1s49	18n17	1n33	7n21	2n49	23s19	0s13	22n33	0n37	19s35	1n38	18n45	19n 0	27n 9		n.a.
S 2	11 23	18 51	5 14	4 9	1 31	4 56	0 29	17 24	1 50	18 16	1 33	7 22	2 48	23 19	0 13	22 33	0 37	19 35	1 38	18 45	19 0	27 9		n.a.
M 3	11 43	13 39	5 4	5 2	1 21	4 50	0 38	17 11	1 51	18 15	1 32	7 23	2 48	23 19	0 13	22 33	0 37	19 35	1 37	18 44	18 59	27 9		n.a.
T 4	12 4	7 51	4 37	5 57	1 11	4 44	0 45	16 59	1 52	18 15	1 32	7 24	2 48	23 19	0 13	22 33	0 37	19 35	1 37	18 44	18 58	27 9		n.a.
W 5	12 24	1 47	3 54	6 52	1 1	4 36	0 53	16 46	1 53	18 14	1 32	7 24	2 48	23 19	0 13	22 33	0 37	19 35	1 37	18 43	18 57	27 9		n.a.
T 6	12 44	4n16	3 0	7 47	0 50	4 29	1 0	16 32	1 54	18 13	1 32	7 25	2 48	23 18	0 14	22 33	0 37	19 34	1 37	18 42	18 56	27 9		n.a.
F 7	13 4	10 3	1 57	8 44	0 39	4 20	1 7	16 19	1 55	18 12	1 31	7 26	2 47	23 18	0 14	22 33	0 37	19 34	1 37	18 42	18 56	27 9		n.a.
S 8	13 23	15 19	0 50	9 40	0 28	4 10	1 14	16 6	1 56	18 11	1 31	7 27	2 47	23 18	0 14	22 32	0 37	19 34	1 37	18 41	18 55	27 9		n.a.
S 9	13 42	19 50	0n19	10 36	0 17	4 0	1 20	15 53	1 57	18 10	1 31	7 27	2 47	23 18	0 14	22 32	0 37	19 34	1 37	18 41	18 54	27 9		n.a.
M10	14 2	23 25	1 25	11 32	0 7	3 50	1 27	15 39	1 57	18 8	1 31	7 28	2 47	23 18	0 14	22 32	0 37	19 34	1 37	18 41	18 53	27 9		n.a.
T 11	14 21	25 55	2 27	12 28	0n 4	3 38	1 33	15 25	1 58	18 7	1 30	7 29	2 47	23 18	0 14	22 32	0 37	19 34	1 37	18 42	18 52	27 9		n.a.
W12	14 39	27 11	3 22	13 23	0 15	3 26	1 38	15 12	1 59	18 6	1 30	7 29	2 46	23 18	0 14	22 32	0 37	19 33	1 37	18 42	18 52	27 9		n.a.
T 13	14 58	27 12	4 8	14 17	0 25	3 14	1 44	14 58	2 0	18 5	1 30	7 30	2 46	23 17	0 14	22 32	0 37	19 33	1 37	18 42	18 51	27 9		n.a.
F 14	15 16	25 58	4 43	15 10	0 35	3 0	1 49	14 44	2 1	18 3	1 30	7 30	2 46	23 17	0 14	22 31	0 37	19 33	1 37	18 43	18 50	27 9		n.a.
S 15	15 34	23 34	5 6	16 1	0 45	2 47	1 54	14 30	2 2	18 2	1 29	7 31	2 46	23 17	0 14	22 31	0 37	19 33	1 37	18 43	18 49	27 8		n.a.
S 16	15 52	20 7	5 16	16 51	0 54	2 32	1 59	14 16	2 2	18 1	1 29	7 31	2 45	23 17	0 14	22 31	0 37	19 33	1 36	18 43	18 48	27 8		n.a.
M17	16 9	15 45	5 12	17 39	1 3	2 17	2 3	14 2	2 3	17 59	1 29	7 32	2 45	23 17	0 14	22 31	0 37	19 32	1 36	18 43	18 47	27 8		n.a.
T 18	16 27	10 38	4 53	18 25	1 11	2 2	2 8	13 48	2 4	17 58	1 29	7 32	2 45	23 16	0 14	22 31	0 37	19 32	1 36	18 42	18 47	27 8		n.a.
W19	16 44	4 56	4 19	19 9	1 19	1 46	2 12	13 34	2 5	17 56	1 29	7 33	2 45	23 16	0 14	22 31	0 37	19 32	1 36	18 42	18 46	27 8		n.a.
T 20	17 0	1s10	3 31	19 51	1 26	1 30	2 16	13 20	2 6	17 54	1 28	7 33	2 45	23 16	0 14	22 30	0 37	19 32	1 36	18 42	18 45	27 8		n.a.
F 21	17 17	7 23	2 29	20 30	1 32	1 13	2 20	13 5	2 7	17 53	1 28	7 33	2 44	23 16	0 14	22 30	0 37	19 32	1 36	18 42	18 44	27 8		n.a.
S 22	17 33	13 25	1 16	21 7	1 38	0 56	2 23	12 51	2 7	17 51	1 28	7 33	2 44	23 16	0 14	22 30	0 37	19 32	1 36	18 42	18 43	27 8		n.a.
S 23	17 49	18 53	0s 3	21 41	1 43	0 38	2 26	12 37	2 8	17 49	1 28	7 34	2 44	23 15	0 14	22 30	0 37	19 31	1 36	18 42	18 43	27 8		n.a.
M24	18 5	23 18	1 23	22 13	1 47	0 20	2 30	12 22	2 9	17 47	1 27	7 34	2 44	23 15	0 14	22 30	0 37	19 31	1 36	18 42	18 42	27 7		n.a.
T 25	18 20	26 15	2 38	22 42	1 51	0 2	2 33	12 8	2 10	17 45	1 27	7 34	2 43	23 15	0 14	22 29	0 37	19 31	1 36	18 42	18 41	27 7		n.a.
W26	18 35	27 21	3 43	23 9	1 54	0n17	2 35	11 53	2 10	17 44	1 27	7 34	2 43	23 15	0 14	22 29	0 37	19 31	1 36	18 42	18 40	27 7		n.a.
T 27	18 50	26 33	4 32	23 33	1 56	0 36	2 38	11 38	2 11	17 42	1 27	7 34	2 43	23 15	0 14	22 29	0 37	19 31	1 36	18 42	18 39	27 7		n.a.
F 28	19 5	23 58	5 4	23 55	1 58	0 56	2 40	11 24	2 12	17 40	1 26	7 34	2 43	23 14	0 14	22 29	0 37	19 30	1 35	18 42	18 38	27 7		n.a.
S 29	19 19	19 57	5 17	24 14	1 59	1 16	2 42	11 9	2 13	17 38	1 26	7 34	2 42	23 14	0 14	22 28	0 37	19 30	1 35	18 42	18 38	27 7		n.a.
S 30	19 33	14 55	5 10	24 31	1 59	1 36	2 44	10 55	2 13	17 35	1 26	7 34	2 42	23 14	0 14	22 28	0 37	19 30	1 35	18 42	18 37	27 6		n.a.
M31	19n46	9s15	4s47	24n45	1n59	1n56	2s46	10s40	2s14	17n33	1n26	7n34	2n42	23s14	0s14	22n28	0n37	19s30	1n35	18n42	18n36	27n 6		n.a.

Julian Day Number = 1283608.5, Delta T = 08h05m49s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'12, Lahiri = -20°30'12 Julian Calendar 1 May 1199 BCE == Greg. Calendar 20 Apr. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

JUNE 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 29	27♉46'37	1♈13	15♊11	12♈ 5	8♓57	16♌29	17°R20	15°R 7	22♋54	2°R41	22♉29	22♉ 3	14♋24	n.a.	T 1
W 2	15 56 25	28°43'44	14°19	16°56	13° 2	9°37	16°35	17°D20	15♐ 5	22°56	2♐40	22°30	22° 0	14°31	n.a.	W 2
T 3	16 0 22	29°40'51	27°10	18°40	13°59	10°17	16°42	17♍20	15° 2	22°57	2°38	22°30	21°57	14°38	n.a.	T 3
F 4	16 4 18	0♊37'59	9♉47	20°21	14°57	10°57	16°49	17°20	15° 0	22°59	2°37	22°31	21°53	14°44	n.a.	F 4
S 5	16 8 15	1°35'07	22°12	22° 1	15°55	11°37	16°56	17°20	14°58	23° 0	2°35	22°R31	21°50	14°51	n.a.	S 5
S 6	16 12 12	2°32'16	4♊26	23°39	16°53	12°16	17° 3	17°21	14°56	23° 2	2°34	22°31	21°47	14°58	n.a.	S 6
M 7	16 16 8	3°29'25	16°32	25°15	17°52	12°55	17°10	17°21	14°53	23° 3	2°32	22°30	21°44	15° 4	n.a.	M 7
T 8	16 20 5	4°26'35	28°30	26°48	18°51	13°35	17°17	17°21	14°51	23° 5	2°31	22°29	21°41	15°11	n.a.	T 8
W 9	16 24 1	5°23'46	10♋23	28°20	19°50	14°14	17°25	17°22	14°49	23° 6	2°29	22°27	21°38	15°18	n.a.	W 9
T 10	16 27 58	6°20'56	22°13	29°50	20°50	14°53	17°33	17°23	14°46	23° 8	2°28	22°25	21°34	15°24	n.a.	T 10
F 11	16 31 54	7°18'08	4♌ 4	1♋18	21°50	15°31	17°40	17°24	14°44	23°10	2°26	22°23	21°31	15°31	n.a.	F 11
S 12	16 35 51	8°15'19	15°59	2°43	22°51	16°10	17°48	17°24	14°41	23°11	2°25	22°21	21°28	15°38	n.a.	S 12
S 13	16 39 48	9°12'32	28° 2	4° 7	23°51	16°48	17°56	17°25	14°39	23°13	2°24	22°20	21°25	15°44	n.a.	S 13
M14	16 43 44	10° 9'44	10♍17	5°28	24°53	17°26	18° 4	17°27	14°37	23°15	2°22	22°D20	21°22	15°51	n.a.	M14
T 15	16 47 41	11° 6'57	22°49	6°48	25°54	18° 4	18°12	17°28	14°34	23°17	2°21	22°20	21°19	15°58	n.a.	T 15
W16	16 51 37	12° 4'11	5♎42	8° 5	26°56	18°42	18°21	17°29	14°32	23°18	2°19	22°21	21°15	16° 5	n.a.	W16
T 17	16 55 34	13° 1'25	18°58	9°20	27°58	19°20	18°29	17°30	14°29	23°20	2°18	22°22	21°12	16°11	n.a.	T 17
F 18	16 59 30	13°58'40	2♏41	10°32	29° 0	19°58	18°38	17°32	14°27	23°22	2°16	22°24	21° 9	16°18	n.a.	F 18
S 19	17 3 27	14°55'55	16°50	11°43	0♉ 2	20°35	18°46	17°33	14°25	23°24	2°15	22°R25	21° 6	16°25	n.a.	S 19
S 20	17 7 23	15°53'12	1♐23	12°50	1° 5	21°12	18°55	17°35	14°22	23°26	2°13	22°24	21° 3	16°31	n.a.	S 20
M21	17 11 20	16°50'29	16°16	13°56	2° 8	21°49	19° 4	17°37	14°20	23°27	2°12	22°23	20°59	16°38	n.a.	M21
T 22	17 15 17	17°47'48	1♑19	14°58	3°12	22°26	19°13	17°39	14°17	23°29	2°11	22°21	20°56	16°45	n.a.	T 22
W23	17 19 13	18°45'07	16°25	15°58	4°15	23° 3	19°22	17°41	14°15	23°31	2° 9	22°18	20°53	16°51	n.a.	W23
T 24	17 23 10	19°42'28	1♒25	16°55	5°19	23°39	19°31	17°43	14°13	23°33	2° 8	22°14	20°50	16°58	n.a.	T 24
F 25	17 27 6	20°39'50	16° 9	17°49	6°23	24°15	19°41	17°45	14°10	23°35	2° 6	22°11	20°47	17° 5	n.a.	F 25
S 26	17 31 3	21°37'13	0♓33	18°40	7°27	24°52	19°50	17°47	14° 8	23°37	2° 5	22° 8	20°44	17°12	n.a.	S 26
S 27	17 34 59	22°34'38	14°33	19°27	8°32	25°27	20° 0	17°49	14° 5	23°39	2° 4	22° 6	20°40	17°18	n.a.	S 27
M28	17 38 56	23°32'04	28° 8	20°11	9°37	26° 3	20° 9	17°52	14° 3	23°41	2° 2	22°D 6	20°37	17°25	n.a.	M28
T 29	17 42 52	24°29'31	11♈21	20°52	10°42	26°39	20°19	17°54	14° 1	23°43	2° 1	22° 7	20°34	17°32	n.a.	T 29
W30	17 46 49	25♊27'00	24♈14	21♋28	11♉47	27♓14	20♌29	17♍57	13♐58	23♋45	2♐ 0	22♉ 9	20♉31	17♋38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 0	3s17	4s 8	24n57	1n58	2n17	2s48	10s25	2s15	17n31	1n26	7n33	2n42	23s13	0s14	22n28	0n37	19s30	1n35	18n42	18n35	27n 6		n.a.
W 2	20 13	2n44	3 16	25 7	1 56	2 38	2 49	10 10	2 15	17 29	1 25	7 33	2 41	23 13	0 14	22 27	0 37	19 29	1 35	18 42	18 34	27 6		n.a.
T 3	20 25	8 31	2 16	25 14	1 54	2 59	2 51	9 56	2 16	17 27	1 25	7 33	2 41	23 13	0 14	22 27	0 37	19 29	1 35	18 42	18 33	27 5		n.a.
F 4	20 37	13 53	1 10	25 20	1 51	3 21	2 52	9 41	2 17	17 24	1 25	7 33	2 41	23 13	0 14	22 27	0 37	19 29	1 35	18 42	18 33	27 5		n.a.
S 5	20 49	18 36	0 2	25 23	1 48	3 42	2 53	9 26	2 17	17 22	1 25	7 32	2 41	23 12	0 14	22 27	0 37	19 29	1 35	18 42	18 32	27 5		n.a.
S 6	21 1	22 27	1n 6	25 25	1 44	4 4	2 54	9 12	2 18	17 20	1 25	7 32	2 40	23 12	0 14	22 26	0 37	19 29	1 35	18 42	18 31	27 5		n.a.
M 7	21 12	25 17	2 9	25 25	1 40	4 26	2 55	8 57	2 19	17 17	1 24	7 32	2 40	23 12	0 14	22 26	0 37	19 28	1 34	18 42	18 30	27 4		n.a.
T 8	21 23	26 56	3 6	25 23	1 35	4 48	2 55	8 42	2 19	17 15	1 24	7 31	2 40	23 12	0 14	22 26	0 37	19 28	1 34	18 42	18 29	27 4		n.a.
W 9	21 34	27 19	3 55	25 19	1 29	5 11	2 56	8 27	2 20	17 12	1 24	7 31	2 39	23 11	0 14	22 26	0 37	19 28	1 34	18 41	18 28	27 4		n.a.
T 10	21 44	26 27	4 33	25 14	1 24	5 33	2 56	8 13	2 21	17 10	1 24	7 30	2 39	23 11	0 14	22 25	0 37	19 28	1 34	18 41	18 28	27 4		n.a.
F 11	21 54	24 24	5 0	25 7	1 17	5 56	2 56	7 58	2 21	17 7	1 24	7 30	2 39	23 11	0 14	22 25	0 37	19 28	1 34	18 40	18 27	27 3		n.a.
S 12	22 3	21 17	5 14	24 59	1 10	6 18	2 56	7 43	2 22	17 4	1 23	7 29	2 39	23 11	0 14	22 25	0 37	19 27	1 34	18 40	18 26	27 3		n.a.
S 13	22 12	17 15	5 14	24 49	1 3	6 41	2 56	7 29	2 23	17 2	1 23	7 28	2 38	23 10	0 14	22 24	0 37	19 27	1 34	18 40	18 25	27 3		n.a.
M14	22 21	12 27	5 0	24 39	0 55	7 4	2 56	7 14	2 23	16 59	1 23	7 28	2 38	23 10	0 14	22 24	0 37	19 27	1 34	18 39	18 24	27 2		n.a.
T 15	22 29	7 3	4 32	24 27	0 47	7 27	2 56	6 59	2 24	16 56	1 23	7 27	2 38	23 10	0 14	22 24	0 37	19 27	1 34	18 40	18 23	27 2		n.a.
W16	22 37	1 12	3 50	24 14	0 39	7 50	2 55	6 45	2 24	16 53	1 23	7 26	2 38	23 9	0 14	22 24	0 37	19 27	1 34	18 40	18 22	27 2		n.a.
T 17	22 44	4s52	2 54	24 0	0 30	8 13	2 55	6 30	2 25	16 51	1 22	7 25	2 37	23 9	0 14	22 23	0 37	19 26	1 33	18 40	18 22	27 1		n.a.
F 18	22 52	10 57	1 47	23 45	0 21	8 36	2 54	6 16	2 26	16 48	1 22	7 25	2 37	23 9	0 14	22 23	0 37	19 26	1 33	18 40	18 21	27 1		n.a.
S 19	22 58	16 39	0 31	23 30	0 11	8 59	2 53	6 1	2 26	16 45	1 22	7 24	2 37	23 9	0 14	22 23	0 37	19 26	1 33	18 41	18 20	27 1		n.a.
S 20	23 5	21 35	0s49	23 13	0 1	9 22	2 52	5 47	2 27	16 42	1 22	7 23	2 37	23 8	0 14	22 22	0 37	19 26	1 33	18 41	18 19	27 0		n.a.
M21	23 11	25 14	2 7	22 56	0s 9	9 45	2 51	5 33	2 27	16 39	1 22	7 22	2 36	23 8	0 14	22 22	0 37	19 26	1 33	18 40	18 18	27 0		n.a.
T 22	23 16	27 7	3 18	22 39	0 20	10 7	2 50	5 18	2 28	16 36	1 22	7 21	2 36	23 8	0 14	22 22	0 37	19 26	1 33	18 40	18 17	27 0		n.a.
W23	23 21	27 1	4 14	22 21	0 31	10 30	2 49	5 4	2 28	16 33	1 21	7 20	2 36	23 8	0 14	22 21	0 37	19 25	1 33	18 39	18 17	26 59		n.a.
T 24	23 26	24 56	4 53	22 3	0 42	10 53	2 47	4 50	2 29	16 30	1 21	7 19	2 36	23 7	0 14	22 21	0 37	19 25	1 33	18 38	18 16	26 59		n.a.
F 25	23 30	21 12	5 11	21 45	0 54	11 16	2 46	4 36	2 29	16 26	1 21	7 18	2 35	23 7	0 14	22 21	0 37	19 25	1 32	18 37	18 15	26 58		n.a.
S 26	23 34	16 16	5 10	21 26	1 5	11 39	2 44	4 22	2 30	16 23	1 21	7 17	2 35	23 7	0 14	22 20	0 37	19 25	1 32	18 36	18 14	26 58		n.a.
S 27	23 38	10 37	4 50	21 8	1 17	12 1	2 43	4 8	2 30	16 20	1 21	7 16	2 35	23 6	0 14	22 20	0 37	19 25	1 32	18 36	18 13	26 58		n.a.
M28	23 41	4 37	4 13	20 49	1 29	12 24	2 41	3 54	2 31	16 17	1 21	7 14	2 35	23 6	0 14	22 20	0 37	19 25	1 32	18 36	18 12	26 57		n.a.
T 29	23 43	1n26	3 25	20 31	1 42	12 46	2 39	3 40	2 31	16 13	1 20	7 13	2 34	23 6	0 14	22 19	0 37	19 24	1 32	18 36	18 11	26 57		n.a.
W30	23n46	7n17	2s27	20n13	1s54	13n 8	2s37	3s26	2s32	16n10	1n20	7n12	2n34	23s 6	0s14	22n19	0n37	19s24	1n32	18n37	18n11	26n56		n.a.

Julian Day Number = 1283639.5, Delta T = 08h05m47s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'08, Lahiri = -20°30'08 Julian Calendar 1 June 1199 BCE == Greg. Calendar 21 May 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

JULY 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 46	26♊24'31	6♉49	22♋ 1	12♉52	27♓49	20♌39	17♍59	13°R56	23♋47	1°R58	22♉10	20♉28	17♋45	n.a.	T 1
F 2	17 54 42	27°22'03	19°10	22°30	13°58	28°24	20°49	18° 2	13♐54	23°49	1♐57	22°R11	20°25	17°52	n.a.	F 2
S 3	17 58 39	28°19'37	1♊21	22°54	15° 3	28°58	20°59	18° 5	13°51	23°51	1°56	22°11	20°21	17°59	n.a.	S 3
S 4	18 2 35	29°17'12	13°23	23°13	16° 9	29°32	21° 9	18° 8	13°49	23°53	1°54	22° 9	20°18	18° 5	n.a.	S 4
M 5	18 6 32	0♋14'49	25°20	23°28	17°15	0♈ 6	21°19	18°11	13°47	23°55	1°53	22° 5	20°15	18°12	n.a.	M 5
T 6	18 10 28	1°12'27	7♋13	23°38	18°22	0°40	21°30	18°14	13°45	23°57	1°52	21°59	20°12	18°19	n.a.	T 6
W 7	18 14 25	2°10'07	19° 4	23°R42	19°28	1°14	21°40	18°17	13°42	23°59	1°51	21°52	20° 9	18°25	n.a.	W 7
T 8	18 18 22	3° 7'48	0♌54	23°41	20°35	1°47	21°50	18°20	13°40	24° 1	1°49	21°45	20° 5	18°32	n.a.	T 8
F 9	18 22 18	4° 5'30	12°47	23°35	21°42	2°20	22° 1	18°24	13°38	24° 3	1°48	21°37	20° 2	18°39	n.a.	F 9
S 10	18 26 15	5° 3'13	24°43	23°23	22°49	2°53	22°12	18°27	13°36	24° 6	1°47	21°30	19°59	18°45	n.a.	S 10
S 11	18 30 11	6° 0'58	6♍47	23° 5	23°56	3°25	22°23	18°31	13°34	24° 8	1°46	21°25	19°56	18°52	n.a.	S 11
M12	18 34 8	6°58'44	19° 1	22°41	25° 3	3°58	22°33	18°34	13°31	24°10	1°45	21°21	19°53	18°59	n.a.	M12
T 13	18 38 4	7°56'32	1♎30	22°12	26°11	4°29	22°44	18°38	13°29	24°12	1°43	21°19	19°50	19° 6	n.a.	T 13
W14	18 42 1	8°54'21	14°17	21°38	27°18	5° 1	22°55	18°42	13°27	24°14	1°42	21°D19	19°46	19°12	n.a.	W14
T 15	18 45 57	9°52'11	27°27	20°59	28°26	5°32	23° 6	18°46	13°25	24°16	1°41	21°20	19°43	19°19	n.a.	T 15
F 16	18 49 54	10°50'03	11♏ 3	20°15	29°34	6° 3	23°17	18°49	13°23	24°18	1°40	21°21	19°40	19°26	n.a.	F 16
S 17	18 53 50	11°47'56	25° 6	19°27	0♊42	6°34	23°29	18°53	13°21	24°21	1°39	21°R21	19°37	19°32	n.a.	S 17
S 18	18 57 47	12°45'50	9♐37	18°36	1°51	7° 5	23°40	18°57	13°19	24°23	1°38	21°20	19°34	19°39	n.a.	S 18
M19	19 1 44	13°43'46	24°31	17°42	2°59	7°35	23°51	19° 2	13°17	24°25	1°37	21°17	19°31	19°46	n.a.	M19
T 20	19 5 40	14°41'44	9♑43	16°47	4° 8	8° 5	24° 3	19° 6	13°15	24°27	1°36	21°11	19°27	19°52	n.a.	T 20
W21	19 9 37	15°39'44	25° 2	15°52	5°16	8°34	24°14	19°10	13°13	24°29	1°35	21° 4	19°24	19°59	n.a.	W21
T 22	19 13 33	16°37'45	10♒16	14°57	6°25	9° 3	24°26	19°14	13°11	24°32	1°34	20°55	19°21	20° 6	n.a.	T 22
F 23	19 17 30	17°35'49	25°17	14° 5	7°34	9°32	24°37	19°19	13° 9	24°34	1°33	20°47	19°18	20°13	n.a.	F 23
S 24	19 21 26	18°33'54	9♓54	13°16	8°43	10° 0	24°49	19°23	13° 8	24°36	1°32	20°40	19°15	20°19	n.a.	S 24
S 25	19 25 23	19°32'01	24° 4	12°31	9°52	10°29	25° 1	19°28	13° 6	24°38	1°32	20°36	19°11	20°26	n.a.	S 25
M26	19 29 20	20°30'11	7♈45	11°51	11° 2	10°56	25°12	19°33	13° 4	24°41	1°31	20°33	19° 8	20°33	n.a.	M26
T 27	19 33 16	21°28'22	20°57	11°18	12°11	11°24	25°24	19°37	13° 2	24°43	1°30	20°D32	19° 5	20°39	n.a.	T 27
W28	19 37 13	22°26'36	3♉46	10°51	13°21	11°51	25°36	19°42	13° 1	24°45	1°29	20°33	19° 2	20°46	n.a.	W28
T 29	19 41 9	23°24'52	16°15	10°33	14°31	12°17	25°48	19°47	12°59	24°47	1°28	20°R33	18°59	20°53	n.a.	T 29
F 30	19 45 6	24°23'10	28°28	10°23	15°41	12°43	26° 0	19°52	12°57	24°49	1°27	20°33	18°56	21° 0	n.a.	F 30
S 31	19 49 2	25♋21'31	10♊30	10°D21	16♊51	13♈ 9	26♌12	19♍57	12♐56	24♋52	1♐27	20♉31	18♉52	21♋ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	12n43	1s23	19n56	2s 6	13n30	2s35	3s12	2s32	16n 7	1n20	7n11	2n34	23s 5	0s14	22n19	0n37	19s24	1n32	18n37	18n10	26n56			n.a.
F 2	23 49	17 33	0 16	19 39	2 19	13 52	2 33	2 58	2 33	16 3	1 20	7 9	2 34	23 5	0 14	22 18	0 37	19 24	1 32	18 37	18 9	26 55			n.a.
S 3	23 50	21 35	0n50	19 22	2 31	14 13	2 31	2 45	2 33	16 0	1 20	7 8	2 33	23 5	0 14	22 18	0 37	19 24	1 32	18 37	18 8	26 55			n.a.
S 4	23 50	24 39	1 53	19 7	2 44	14 35	2 29	2 31	2 33	15 56	1 20	7 7	2 33	23 4	0 14	22 18	0 37	19 24	1 31	18 37	18 7	26 54			n.a.
M 5	23 50	26 36	2 50	18 52	2 56	14 56	2 26	2 18	2 34	15 53	1 20	7 5	2 33	23 4	0 14	22 17	0 37	19 24	1 31	18 36	18 6	26 54			n.a.
T 6	23 50	27 18	3 40	18 39	3 8	15 17	2 24	2 5	2 34	15 49	1 19	7 4	2 33	23 4	0 14	22 17	0 37	19 23	1 31	18 34	18 5	26 54			n.a.
W 7	23 49	26 45	4 20	18 27	3 19	15 37	2 21	1 52	2 35	15 46	1 19	7 2	2 32	23 4	0 14	22 16	0 37	19 23	1 31	18 32	18 4	26 53			n.a.
T 8	23 48	24 59	4 48	18 16	3 31	15 58	2 19	1 38	2 35	15 42	1 19	7 1	2 32	23 3	0 14	22 16	0 37	19 23	1 31	18 30	18 4	26 53			n.a.
F 9	23 46	22 7	5 5	18 7	3 41	16 18	2 16	1 25	2 35	15 39	1 19	6 59	2 32	23 3	0 14	22 16	0 37	19 23	1 31	18 28	18 3	26 52			n.a.
S 10	23 44	18 19	5 8	17 59	3 51	16 38	2 14	1 13	2 36	15 35	1 19	6 58	2 32	23 3	0 14	22 15	0 37	19 23	1 31	18 26	18 2	26 52			n.a.
S 11	23 42	13 45	4 57	17 53	4 0	16 57	2 11	1 0	2 36	15 31	1 19	6 56	2 32	23 3	0 14	22 15	0 37	19 23	1 31	18 25	18 1	26 51			n.a.
M12	23 39	8 36	4 33	17 48	4 9	17 17	2 8	0 47	2 36	15 28	1 19	6 54	2 31	23 2	0 14	22 15	0 37	19 23	1 30	18 24	18 0	26 50			n.a.
T 13	23 36	3 0	3 56	17 46	4 16	17 36	2 5	0 35	2 37	15 24	1 18	6 53	2 31	23 2	0 14	22 14	0 37	19 23	1 30	18 23	17 59	26 50			n.a.
W14	23 32	2s52	3 6	17 46	4 22	17 54	2 2	0 22	2 37	15 20	1 18	6 51	2 31	23 2	0 14	22 14	0 37	19 23	1 30	18 23	17 58	26 49			n.a.
T 15	23 28	8 48	2 5	17 47	4 26	18 12	1 59	0 10	2 37	15 16	1 18	6 49	2 31	23 2	0 14	22 13	0 37	19 22	1 30	18 24	17 58	26 49			n.a.
F 16	23 23	14 31	0 55	17 51	4 29	18 30	1 56	0n 2	2 37	15 12	1 18	6 48	2 30	23 1	0 14	22 13	0 37	19 22	1 30	18 24	17 57	26 48			n.a.
S 17	23 18	19 41	0s20	17 57	4 30	18 48	1 53	0 15	2 38	15 9	1 18	6 46	2 30	23 1	0 14	22 13	0 37	19 22	1 30	18 24	17 56	26 48			n.a.
S 18	23 13	23 51	1 37	18 4	4 30	19 5	1 50	0 27	2 38	15 5	1 18	6 44	2 30	23 1	0 14	22 12	0 37	19 22	1 30	18 24	17 55	26 47			n.a.
M19	23 7	26 32	2 48	18 14	4 27	19 21	1 47	0 38	2 38	15 1	1 18	6 42	2 30	23 1	0 14	22 12	0 37	19 22	1 30	18 23	17 54	26 47			n.a.
T 20	23 1	27 17	3 49	18 25	4 23	19 37	1 44	0 50	2 39	14 57	1 18	6 40	2 30	23 0	0 14	22 11	0 37	19 22	1 29	18 21	17 53	26 46			n.a.
W21	22 54	25 59	4 35	18 38	4 17	19 53	1 41	1 2	2 39	14 53	1 18	6 38	2 29	23 0	0 14	22 11	0 37	19 22	1 29	18 19	17 52	26 45			n.a.
T 22	22 47	22 46	5 0	18 52	4 8	20 8	1 37	1 13	2 39	14 49	1 17	6 36	2 29	23 0	0 14	22 11	0 37	19 22	1 29	18 17	17 51	26 45			n.a.
F 23	22 40	18 4	5 4	19 8	3 58	20 23	1 34	1 24	2 39	14 45	1 17	6 34	2 29	23 0	0 14	22 10	0 37	19 22	1 29	18 15	17 51	26 44			n.a.
S 24	22 32	12 25	4 48	19 24	3 47	20 38	1 31	1 36	2 39	14 41	1 17	6 32	2 29	22 59	0 14	22 10	0 37	19 22	1 29	18 13	17 50	26 43			n.a.
S 25	22 23	6 17	4 15	19 42	3 33	20 51	1 28	1 47	2 39	14 37	1 17	6 30	2 29	22 59	0 14	22 10	0 37	19 22	1 29	18 12	17 49	26 43			n.a.
M26	22 15	0 3	3 28	20 0	3 18	21 5	1 24	1 57	2 40	14 32	1 17	6 28	2 28	22 59	0 14	22 9	0 37	19 22	1 29	18 11	17 48	26 42			n.a.
T 27	22 6	5n59	2 31	20 19	3 3	21 18	1 21	2 8	2 40	14 28	1 17	6 26	2 28	22 59	0 14	22 9	0 37	19 22	1 28	18 11	17 47	26 42			n.a.
W28	21 56	11 36	1 28	20 38	2 46	21 30	1 17	2 19	2 40	14 24	1 17	6 24	2 28	22 58	0 14	22 8	0 37	19 22	1 28	18 11	17 46	26 41			n.a.
T 29	21 46	16 36	0 23	20 57	2 28	21 42	1 14	2 29	2 40	14 20	1 17	6 22	2 28	22 58	0 14	22 8	0 37	19 22	1 28	18 11	17 45	26 40			n.a.
F 30	21 36	20 50	0n42	21 15	2 10	21 53	1 11	2 39	2 40	14 16	1 17	6 20	2 28	22 58	0 14	22 8	0 37	19 22	1 28	18 11	17 44	26 40			n.a.
S 31	21n25	24n 7	1n44	21n34	1s52	22n 4	1s 7	2n49	2s40	14n11	1n17	6n18	2n27	22s58	0s14	22n 7	0n37	19s22	1n28	18n11	17n43	26n39			n.a.

Julian Day Number = 1283669.5, Delta T = 08h05m46s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'04, Lahiri = -20°30'04 Julian Calendar 1 July 1199 BCE == Greg. Calendar 20 June 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

AUGUST 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 59	26♋19'54	22♊25	10♋28	18♊ 1	13♈34	26♌24	20♍ 2	12°R54	24♋54	1°R26	20°R26	18♉49	21♋13	n.a.	S 1
M 2	19 56 55	27°18'18	4♋16	10°45	19°11	13°59	26°36	20° 7	12♐53	24°56	1♐25	20♉19	18°46	21°20	n.a.	M 2
T 3	20 0 52	28°16'45	16° 6	11°10	20°21	14°24	26°49	20°12	12°51	24°58	1°25	20° 9	18°43	21°26	n.a.	T 3
W 4	20 4 48	29°15'14	27°57	11°44	21°32	14°48	27° 1	20°17	12°50	25° 1	1°24	19°58	18°40	21°33	n.a.	W 4
T 5	20 8 45	0♌13'45	9♌51	12°26	22°42	15°11	27°13	20°23	12°49	25° 3	1°23	19°44	18°37	21°40	n.a.	T 5
F 6	20 12 42	1°12'18	21°48	13°16	23°53	15°34	27°26	20°28	12°47	25° 5	1°23	19°31	18°33	21°47	n.a.	F 6
S 7	20 16 38	2°10'53	3♍50	14°15	25° 4	15°57	27°38	20°33	12°46	25° 7	1°22	19°19	18°30	21°53	n.a.	S 7
S 8	20 20 35	3° 9'30	16° 0	15°20	26°15	16°19	27°50	20°39	12°45	25° 9	1°22	19° 9	18°27	22° 0	n.a.	S 8
M 9	20 24 31	4° 8'09	28°19	16°32	27°26	16°41	28° 3	20°44	12°43	25°12	1°21	19° 2	18°24	22° 7	n.a.	M 9
T 10	20 28 28	5° 6'49	10♎49	17°50	28°37	17° 2	28°15	20°50	12°42	25°14	1°21	18°57	18°21	22°13	n.a.	T 10
W11	20 32 24	6° 5'32	23°35	19°13	29°48	17°22	28°28	20°56	12°41	25°16	1°20	18°55	18°17	22°20	n.a.	W11
T 12	20 36 21	7° 4'16	6♏40	20°42	0♋59	17°42	28°41	21° 1	12°40	25°18	1°20	18°D54	18°14	22°27	n.a.	T 12
F 13	20 40 17	8° 3'02	20° 7	22°14	2°11	18° 2	28°53	21° 7	12°39	25°20	1°20	18°R54	18°11	22°33	n.a.	F 13
S 14	20 44 14	9° 1'50	3♐59	23°51	3°22	18°21	29° 6	21°13	12°38	25°23	1°19	18°54	18° 8	22°40	n.a.	S 14
S 15	20 48 11	10° 0'40	18°18	25°30	4°34	18°39	29°19	21°19	12°37	25°25	1°19	18°51	18° 5	22°47	n.a.	S 15
M16	20 52 7	10°59'32	3♑ 1	27°12	5°46	18°57	29°31	21°25	12°36	25°27	1°19	18°46	18° 2	22°54	n.a.	M16
T 17	20 56 4	11°58'26	18° 4	28°56	6°58	19°14	29°44	21°31	12°35	25°29	1°18	18°39	17°58	23° 0	n.a.	T 17
W18	21 0 0	12°57'22	3♒18	0♌42	8° 9	19°31	29°57	21°37	12°34	25°31	1°18	18°29	17°55	23° 7	n.a.	W18
T 19	21 3 57	13°56'20	18°33	2°29	9°21	19°47	0♍10	21°43	12°34	25°33	1°18	18°17	17°52	23°14	n.a.	T 19
F 20	21 7 53	14°55'20	3♓38	4°17	10°34	20° 2	0°23	21°49	12°33	25°36	1°18	18° 6	17°49	23°20	n.a.	F 20
S 21	21 11 50	15°54'22	18°23	6° 5	11°46	20°17	0°36	21°55	12°32	25°38	1°18	17°57	17°46	23°27	n.a.	S 21
S 22	21 15 46	16°53'27	2♈41	7°54	12°58	20°31	0°48	22° 1	12°32	25°40	1°18	17°49	17°42	23°34	n.a.	S 22
M23	21 19 43	17°52'34	16°29	9°43	14°10	20°45	1° 1	22° 7	12°31	25°42	1°17	17°44	17°39	23°41	n.a.	M23
T 24	21 23 39	18°51'43	29°47	11°32	15°23	20°58	1°14	22°13	12°31	25°44	1°17	17°42	17°36	23°47	n.a.	T 24
W25	21 27 36	19°50'55	12♉39	13°21	16°35	21°10	1°27	22°20	12°30	25°46	1°D17	17°41	17°33	23°54	n.a.	W25
T 26	21 31 33	20°50'10	25° 8	15°10	17°48	21°21	1°40	22°26	12°30	25°48	1°17	17°41	17°30	24° 1	n.a.	T 26
F 27	21 35 29	21°49'27	7♊20	16°58	19° 1	21°32	1°53	22°32	12°29	25°50	1°17	17°41	17°27	24° 7	n.a.	F 27
S 28	21 39 26	22°48'46	19°20	18°45	20°14	21°42	2° 6	22°39	12°29	25°52	1°17	17°38	17°23	24°14	n.a.	S 28
S 29	21 43 22	23°48'08	1♋12	20°32	21°26	21°51	2°19	22°45	12°29	25°54	1°18	17°34	17°20	24°21	n.a.	S 29
M30	21 47 19	24°47'32	13° 2	22°19	22°39	21°59	2°32	22°52	12°28	25°56	1°18	17°26	17°17	24°28	n.a.	M30
T 31	21 51 15	25♌46'59	24♋52	24♌ 5	23♋53	22♈ 7	2♍46	22♍58	12♐28	25♋58	1♐18	17♉16	17♉14	24♋34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n14	26n18	2n41	21n51	1s34	22n14	1s 4	2n59	2s40	14n 7	1n16	6n16	2n27	22s58	0s14	22n 7	0n37	19s22	1n28	18n 9	17n43	26n38			n.a.
M 2	21 3	27 16	3 30	22 8	1 16	22 23	1 0	3 9	2 40	14 3	1 16	6 13	2 27	22 57	0 14	22 6	0 37	19 22	1 28	18 7	17 42	26 38			n.a.
T 3	20 51	26 59	4 10	22 24	0 58	22 32	0 57	3 19	2 40	13 58	1 16	6 11	2 27	22 57	0 14	22 6	0 37	19 22	1 28	18 5	17 41	26 37			n.a.
W 4	20 39	25 28	4 39	22 38	0 41	22 41	0 53	3 28	2 40	13 54	1 16	6 9	2 27	22 57	0 14	22 6	0 37	19 22	1 27	18 1	17 40	26 36			n.a.
T 5	20 26	22 50	4 56	22 50	0 25	22 48	0 50	3 37	2 40	13 50	1 16	6 7	2 27	22 57	0 14	22 5	0 37	19 22	1 27	17 58	17 39	26 35			n.a.
F 6	20 13	19 12	5 1	23 1	0 9	22 55	0 46	3 46	2 40	13 45	1 16	6 4	2 26	22 57	0 14	22 5	0 37	19 22	1 27	17 54	17 38	26 35			n.a.
S 7	20 0	14 46	4 51	23 10	0n 6	23 2	0 43	3 55	2 40	13 41	1 16	6 2	2 26	22 57	0 14	22 4	0 37	19 22	1 27	17 51	17 37	26 34			n.a.
S 8	19 47	9 44	4 29	23 17	0 20	23 8	0 40	4 4	2 40	13 36	1 16	6 0	2 26	22 56	0 14	22 4	0 37	19 22	1 27	17 48	17 36	26 33			n.a.
M 9	19 33	4 15	3 54	23 21	0 33	23 13	0 36	4 12	2 40	13 32	1 16	5 57	2 26	22 56	0 14	22 4	0 37	19 22	1 27	17 46	17 35	26 32			n.a.
T 10	19 18	1s30	3 7	23 23	0 45	23 17	0 33	4 20	2 40	13 28	1 16	5 55	2 26	22 56	0 14	22 3	0 37	19 22	1 27	17 45	17 35	26 32			n.a.
W11	19 4	7 18	2 10	23 22	0 56	23 21	0 29	4 28	2 40	13 23	1 16	5 53	2 26	22 56	0 14	22 3	0 37	19 22	1 26	17 44	17 34	26 31			n.a.
T 12	18 49	12 57	1 4	23 18	1 6	23 24	0 26	4 36	2 40	13 19	1 16	5 50	2 25	22 56	0 14	22 2	0 37	19 22	1 26	17 44	17 33	26 30			n.a.
F 13	18 33	18 10	0s 6	23 12	1 15	23 27	0 22	4 44	2 40	13 14	1 16	5 48	2 25	22 56	0 14	22 2	0 37	19 22	1 26	17 44	17 32	26 29			n.a.
S 14	18 18	22 35	1 19	23 4	1 23	23 29	0 19	4 51	2 40	13 9	1 16	5 45	2 25	22 56	0 14	22 2	0 37	19 22	1 26	17 44	17 31	26 29			n.a.
S 15	18 2	25 47	2 29	22 52	1 30	23 30	0 16	4 59	2 39	13 5	1 16	5 43	2 25	22 55	0 14	22 1	0 37	19 22	1 26	17 43	17 30	26 28			n.a.
M16	17 46	27 19	3 30	22 38	1 36	23 30	0 12	5 6	2 39	13 0	1 16	5 40	2 25	22 55	0 14	22 1	0 37	19 22	1 26	17 42	17 29	26 27			n.a.
T 17	17 29	26 52	4 19	22 21	1 40	23 30	0 9	5 12	2 39	12 56	1 15	5 38	2 25	22 55	0 14	22 0	0 37	19 22	1 26	17 40	17 28	26 26			n.a.
W18	17 12	24 26	4 50	22 2	1 44	23 29	0 6	5 19	2 39	12 51	1 15	5 35	2 25	22 55	0 14	22 0	0 37	19 22	1 25	17 37	17 27	26 25			n.a.
T 19	16 55	20 16	5 0	21 41	1 47	23 28	0 2	5 25	2 38	12 46	1 15	5 33	2 24	22 55	0 14	22 0	0 37	19 22	1 25	17 34	17 26	26 25			n.a.
F 20	16 38	14 49	4 49	21 17	1 50	23 26	0n 1	5 32	2 38	12 42	1 15	5 30	2 24	22 55	0 14	21 59	0 37	19 22	1 25	17 31	17 26	26 24			n.a.
S 21	16 20	8 38	4 19	20 51	1 51	23 23	0 4	5 38	2 38	12 37	1 15	5 28	2 24	22 55	0 14	21 59	0 37	19 23	1 25	17 28	17 25	26 23			n.a.
S 22	16 2	2 11	3 34	20 24	1 52	23 19	0 7	5 43	2 37	12 32	1 15	5 25	2 24	22 55	0 14	21 59	0 37	19 23	1 25	17 26	17 24	26 22			n.a.
M23	15 44	4n11	2 37	19 54	1 52	23 15	0 10	5 49	2 37	12 28	1 15	5 22	2 24	22 55	0 14	21 58	0 37	19 23	1 25	17 24	17 23	26 21			n.a.
T 24	15 25	10 8	1 33	19 23	1 51	23 10	0 14	5 54	2 36	12 23	1 15	5 20	2 24	22 55	0 14	21 58	0 37	19 23	1 25	17 24	17 22	26 20			n.a.
W25	15 6	15 28	0 27	18 51	1 50	23 4	0 17	5 59	2 36	12 18	1 15	5 17	2 24	22 54	0 14	21 57	0 37	19 23	1 24	17 23	17 21	26 19			n.a.
T 26	14 47	20 0	0n39	18 17	1 48	22 57	0 20	6 4	2 35	12 13	1 15	5 14	2 24	22 54	0 14	21 57	0 37	19 23	1 24	17 23	17 20	26 19			n.a.
F 27	14 28	23 34	1 42	17 41	1 46	22 50	0 23	6 8	2 35	12 9	1 15	5 12	2 23	22 54	0 14	21 57	0 37	19 23	1 24	17 23	17 19	26 18			n.a.
S 28	14 8	26 2	2 39	17 5	1 43	22 42	0 26	6 13	2 34	12 4	1 15	5 9	2 23	22 54	0 14	21 56	0 37	19 23	1 24	17 23	17 18	26 17			n.a.
S 29	13 49	27 18	3 28	16 28	1 40	22 34	0 28	6 17	2 34	11 59	1 15	5 6	2 23	22 54	0 14	21 56	0 38	19 24	1 24	17 21	17 17	26 16			n.a.
M30	13 28	27 18	4 8	15 49	1 36	22 25	0 31	6 20	2 33	11 54	1 15	5 4	2 23	22 54	0 14	21 56	0 38	19 24	1 24	17 19	17 16	26 15			n.a.
T 31	13n 8	26n 3	4n38	15n10	1n33	22n15	0n34	6n24	2s32	11n50	1n15	5n 1	2n23	22s54	0s14	21n55	0n38	19s24	1n24	17n16	17n16	26n14			n.a.

Julian Day Number = 1283700.5, Delta T = 08h05m44s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°37'00, Lahiri = -20°29'59 Julian Calendar 1 Aug. 1199 BCE == Greg. Calendar 21 July 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

SEPTEMBER 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 55 12	26♌46'28	6♌46	25♌50	25♋ 6	22♈14	2♍59	23♍ 5	12°R28	26♋ 0	1♐18	17°R 3	17♉11	24♋41	n.a.	W 1
T 2	21 59 8	27°45'59	18°45	27°34	26°19	22°20	3°12	23°11	12♐28	26° 2	1°18	16♉49	17° 8	24°48	n.a.	T 2
F 3	22 3 5	28°45'32	0♍51	29°18	27°32	22°25	3°25	23°18	12°D28	26° 4	1°18	16°35	17° 4	24°54	n.a.	F 3
S 4	22 7 2	29°45'08	13° 4	1♍ 1	28°45	22°30	3°38	23°25	12°28	26° 6	1°19	16°22	17° 1	25° 1	n.a.	S 4
S 5	22 10 58	0♍44'45	25°25	2°43	29°59	22°33	3°51	23°31	12°28	26° 8	1°19	16°10	16°58	25° 8	n.a.	S 5
M 6	22 14 55	1°44'25	7♎56	4°24	1♌12	22°36	4° 4	23°38	12°28	26°10	1°19	16° 2	16°55	25°15	n.a.	M 6
T 7	22 18 51	2°44'06	20°37	6° 5	2°26	22°38	4°17	23°45	12°28	26°12	1°20	15°57	16°52	25°21	n.a.	T 7
W 8	22 22 48	3°43'50	3♏31	7°45	3°40	22°39	4°31	23°52	12°29	26°14	1°20	15°54	16°48	25°28	n.a.	W 8
T 9	22 26 44	4°43'36	16°39	9°25	4°53	22°R40	4°44	23°58	12°29	26°16	1°21	15°D54	16°45	25°35	n.a.	T 9
F 10	22 30 41	5°43'23	0♐ 4	11° 3	6° 7	22°39	4°57	24° 5	12°29	26°17	1°21	15°R54	16°42	25°41	n.a.	F 10
S 11	22 34 37	6°43'12	13°49	12°41	7°21	22°37	5°10	24°12	12°30	26°19	1°22	15°54	16°39	25°48	n.a.	S 11
S 12	22 38 34	7°43'03	27°54	14°19	8°35	22°35	5°23	24°19	12°30	26°21	1°22	15°52	16°36	25°55	n.a.	S 12
M13	22 42 30	8°42'56	12♑19	15°56	9°49	22°32	5°36	24°26	12°31	26°23	1°23	15°48	16°33	26° 2	n.a.	M13
T 14	22 46 27	9°42'51	27° 2	17°32	11° 3	22°28	5°49	24°33	12°31	26°25	1°23	15°42	16°29	26° 8	n.a.	T 14
W15	22 50 24	10°42'47	11♒56	19° 8	12°17	22°23	6° 3	24°40	12°32	26°26	1°24	15°33	16°26	26°15	n.a.	W15
T 16	22 54 20	11°42'46	26°54	20°43	13°31	22°17	6°16	24°47	12°32	26°28	1°24	15°24	16°23	26°22	n.a.	T 16
F 17	22 58 17	12°42'46	11♓46	22°17	14°45	22°10	6°29	24°53	12°33	26°30	1°25	15°14	16°20	26°28	n.a.	F 17
S 18	23 2 13	13°42'48	26°24	23°51	15°59	22° 2	6°42	25° 0	12°34	26°31	1°26	15° 5	16°17	26°35	n.a.	S 18
S 19	23 6 10	14°42'53	10♈40	25°24	17°13	21°54	6°55	25° 7	12°35	26°33	1°27	14°58	16°14	26°42	n.a.	S 19
M20	23 10 6	15°42'59	24°30	26°57	18°28	21°45	7° 8	25°14	12°35	26°35	1°27	14°54	16°10	26°49	n.a.	M20
T 21	23 14 3	16°43'08	7♉52	28°30	19°42	21°34	7°21	25°21	12°36	26°36	1°28	14°52	16° 7	26°55	n.a.	T 21
W22	23 17 59	17°43'19	20°49	0♊ 2	20°56	21°23	7°34	25°28	12°37	26°38	1°29	14°D52	16° 4	27° 2	n.a.	W22
T 23	23 21 56	18°43'32	3♊22	1°33	22°11	21°11	7°47	25°35	12°38	26°39	1°30	14°53	16° 1	27° 9	n.a.	T 23
F 24	23 25 53	19°43'47	15°37	3° 4	23°25	20°59	8° 0	25°43	12°39	26°41	1°31	14°R53	15°58	27°15	n.a.	F 24
S 25	23 29 49	20°44'05	27°39	4°35	24°40	20°45	8°13	25°50	12°40	26°42	1°32	14°53	15°54	27°22	n.a.	S 25
S 26	23 33 46	21°44'25	9♋33	6° 5	25°55	20°30	8°26	25°57	12°42	26°44	1°32	14°51	15°51	27°29	n.a.	S 26
M27	23 37 42	22°44'47	21°23	7°34	27° 9	20°15	8°39	26° 4	12°43	26°45	1°33	14°47	15°48	27°36	n.a.	M27
T 28	23 41 39	23°45'11	3♌15	9° 3	28°24	19°59	8°52	26°11	12°44	26°46	1°34	14°41	15°45	27°42	n.a.	T 28
W29	23 45 35	24°45'37	15°12	10°32	29°39	19°43	9° 5	26°18	12°45	26°48	1°35	14°32	15°42	27°49	n.a.	W29
T 30	23 49 32	25♍46'05	27♌17	12♎ 0	0♍54	19♈25	9♍18	26♍25	12♐47	26♋49	1♐36	14♉23	15♉39	27♋56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n48	23n38	4n55	14n30	1n28	22n 4	0n37	6n27	2s32	11n45	1n15	4n58	2n23	22s54	0s14	21n55	0n38	19s24	1n23	17n12	17n15	26n13		n.a.
T 2	12 27	20 11	5 0	13 50	1 24	21 53	0 40	6 30	2 31	11 40	1 15	4 56	2 23	22 54	0 14	21 55	0 38	19 24	1 23	17 8	17 14	26 12		n.a.
F 3	12 6	15 52	4 51	13 8	1 19	21 41	0 42	6 33	2 30	11 35	1 15	4 53	2 23	22 54	0 14	21 54	0 38	19 25	1 23	17 4	17 13	26 11		n.a.
S 4	11 45	10 53	4 28	12 27	1 14	21 29	0 45	6 35	2 29	11 30	1 15	4 50	2 23	22 54	0 14	21 54	0 38	19 25	1 23	17 0	17 12	26 10		n.a.
S 5	11 23	5 24	3 53	11 44	1 9	21 16	0 47	6 37	2 29	11 25	1 15	4 47	2 23	22 54	0 14	21 53	0 38	19 25	1 23	16 57	17 11	26 9		n.a.
M 6	11 2	0s21	3 6	11 2	1 3	21 2	0 50	6 39	2 28	11 20	1 15	4 45	2 22	22 54	0 14	21 53	0 38	19 25	1 23	16 55	17 10	26 8		n.a.
T 7	10 40	6 11	2 10	10 19	0 57	20 48	0 52	6 41	2 27	11 16	1 15	4 42	2 22	22 54	0 14	21 53	0 38	19 25	1 23	16 53	17 9	26 7		n.a.
W 8	10 18	11 52	1 5	9 36	0 51	20 33	0 55	6 42	2 26	11 11	1 15	4 39	2 22	22 54	0 14	21 52	0 38	19 26	1 22	16 52	17 8	26 6		n.a.
T 9	9 56	17 9	0s 4	8 52	0 45	20 17	0 57	6 43	2 25	11 6	1 15	4 36	2 22	22 54	0 14	21 52	0 38	19 26	1 22	16 52	17 7	26 6		n.a.
F 10	9 34	21 43	1 15	8 9	0 39	20 1	0 59	6 44	2 24	11 1	1 15	4 33	2 22	22 54	0 14	21 52	0 38	19 26	1 22	16 52	17 6	26 5		n.a.
S 11	9 11	25 12	2 22	7 25	0 33	19 44	1 1	6 45	2 22	10 56	1 15	4 31	2 22	22 54	0 14	21 51	0 38	19 26	1 22	16 52	17 5	26 4		n.a.
S 12	8 49	27 13	3 23	6 41	0 27	19 26	1 4	6 45	2 21	10 51	1 15	4 28	2 22	22 54	0 14	21 51	0 38	19 26	1 22	16 52	17 5	26 3		n.a.
M13	8 26	27 27	4 13	5 57	0 20	19 8	1 6	6 45	2 20	10 46	1 15	4 25	2 22	22 54	0 14	21 51	0 38	19 27	1 22	16 51	17 4	26 1		n.a.
T 14	8 3	25 47	4 47	5 13	0 14	18 50	1 8	6 44	2 19	10 41	1 15	4 22	2 22	22 55	0 14	21 51	0 38	19 27	1 22	16 49	17 3	26 0		n.a.
W15	7 40	22 19	5 2	4 29	0 7	18 31	1 10	6 44	2 17	10 36	1 15	4 19	2 22	22 55	0 14	21 50	0 38	19 27	1 22	16 46	17 2	25 59		n.a.
T 16	7 17	17 23	4 57	3 45	0 0	18 11	1 11	6 43	2 16	10 31	1 15	4 16	2 22	22 55	0 14	21 50	0 38	19 28	1 21	16 43	17 1	25 58		n.a.
F 17	6 54	11 26	4 31	3 1	0s 6	17 51	1 13	6 42	2 15	10 27	1 15	4 14	2 22	22 55	0 14	21 50	0 38	19 28	1 21	16 40	17 0	25 57		n.a.
S 18	6 30	4 56	3 48	2 17	0 13	17 30	1 15	6 40	2 13	10 22	1 15	4 11	2 22	22 55	0 14	21 49	0 38	19 28	1 21	16 38	16 59	25 56		n.a.
S 19	6 7	1n40	2 52	1 33	0 20	17 9	1 17	6 39	2 11	10 17	1 15	4 8	2 22	22 55	0 14	21 49	0 38	19 28	1 21	16 36	16 58	25 55		n.a.
M20	5 43	8 0	1 47	0 50	0 26	16 47	1 18	6 37	2 10	10 12	1 15	4 5	2 22	22 55	0 14	21 49	0 38	19 29	1 21	16 34	16 57	25 54		n.a.
T 21	5 20	13 47	0 37	0 6	0 33	16 25	1 20	6 34	2 8	10 7	1 15	4 2	2 22	22 55	0 14	21 48	0 38	19 29	1 21	16 34	16 56	25 53		n.a.
W22	4 56	18 46	0n32	0s37	0 40	16 2	1 21	6 32	2 6	10 2	1 15	3 59	2 22	22 55	0 14	21 48	0 38	19 29	1 21	16 34	16 55	25 52		n.a.
T 23	4 32	22 46	1 38	1 20	0 46	15 39	1 23	6 29	2 5	9 57	1 15	3 56	2 22	22 55	0 14	21 48	0 38	19 30	1 20	16 34	16 54	25 51		n.a.
F 24	4 8	25 39	2 37	2 3	0 53	15 15	1 24	6 26	2 3	9 52	1 15	3 54	2 22	22 56	0 14	21 48	0 38	19 30	1 20	16 34	16 53	25 50		n.a.
S 25	3 44	27 18	3 29	2 45	0 59	14 51	1 25	6 22	2 1	9 47	1 16	3 51	2 22	22 56	0 14	21 47	0 38	19 30	1 20	16 34	16 52	25 49		n.a.
S 26	3 20	27 39	4 11	3 27	1 6	14 26	1 26	6 19	1 59	9 42	1 16	3 48	2 22	22 56	0 14	21 47	0 38	19 30	1 20	16 34	16 52	25 48		n.a.
M27	2 56	26 44	4 41	4 9	1 12	14 2	1 27	6 15	1 57	9 37	1 16	3 45	2 22	22 56	0 14	21 47	0 38	19 31	1 20	16 32	16 51	25 47		n.a.
T 28	2 31	24 37	5 0	4 51	1 19	13 36	1 28	6 11	1 55	9 33	1 16	3 42	2 22	22 56	0 14	21 47	0 38	19 31	1 20	16 31	16 50	25 45		n.a.
W29	2 7	21 25	5 6	5 32	1 25	13 10	1 29	6 6	1 52	9 28	1 16	3 39	2 22	22 56	0 14	21 46	0 38	19 31	1 20	16 28	16 49	25 44		n.a.
T 30	1n43	17n17	4n59	6s12	1s31	12n44	1n30	6n 2	1s50	9n23	1n16	3n36	2n22	22s57	0s14	21n46	0n38	19s32	1n19	16n25	16n48	25n43		n.a.

Julian Day Number = 1283731.5, Delta T = 08h05m42s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'56, Lahiri = -20°29'55 Julian Calendar 1 Sept. 1199 BCE == Greg. Calendar 21 Aug. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

OCTOBER 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 53 28	26♍46'35	9♍32	13♎27	2♍ 9	19°R 7	9♍31	26♍32	12♐48	26♋51	1♐38	14°R14	15♉35	28♋ 2	n.a.	F 1
S 2	23 57 25	27°47'06	21°58	14°54	3°23	18♈48	9°44	26°39	12°50	26°52	1°39	14♉ 5	15°32	28° 9	n.a.	S 2
S 3	0 1 21	28°47'40	4♎36	16°20	4°38	18°29	9°57	26°46	12°51	26°53	1°40	13°57	15°29	28°16	n.a.	S 3
M 4	0 5 18	29°48'15	17°25	17°46	5°53	18° 9	10°10	26°53	12°53	26°54	1°41	13°52	15°26	28°23	n.a.	M 4
T 5	0 9 15	0♎48'52	0♏27	19°11	7° 8	17°49	10°22	27° 0	12°54	26°56	1°42	13°49	15°23	28°29	n.a.	T 5
W 6	0 13 11	1°49'30	13°39	20°35	8°23	17°28	10°35	27° 7	12°56	26°57	1°43	13°D48	15°19	28°36	n.a.	W 6
T 7	0 17 8	2°50'10	27° 3	21°59	9°38	17° 7	10°48	27°14	12°57	26°58	1°45	13°49	15°16	28°43	n.a.	T 7
F 8	0 21 4	3°50'51	10♐39	23°21	10°53	16°45	11° 0	27°21	12°59	26°59	1°46	13°50	15°13	28°50	n.a.	F 8
S 9	0 25 1	4°51'34	24°26	24°42	12° 9	16°23	11°13	27°28	13° 1	27° 0	1°47	13°52	15°10	28°56	n.a.	S 9
S 10	0 28 57	5°52'18	8♑27	26° 3	13°24	16° 1	11°26	27°35	13° 3	27° 1	1°48	13°R52	15° 7	29° 3	n.a.	S 10
M11	0 32 54	6°53'03	22°39	27°22	14°39	15°38	11°38	27°42	13° 5	27° 2	1°50	13°51	15° 4	29°10	n.a.	M11
T 12	0 36 50	7°53'49	7♒ 0	28°39	15°54	15°15	11°51	27°49	13° 7	27° 3	1°51	13°48	15° 0	29°16	n.a.	T 12
W13	0 40 47	8°54'36	21°28	29°55	17° 9	14°52	12° 3	27°56	13° 8	27° 4	1°52	13°44	14°57	29°23	n.a.	W13
T 14	0 44 44	9°55'25	5♓58	1♏10	18°24	14°29	12°16	28° 3	13°10	27° 5	1°54	13°39	14°54	29°30	n.a.	T 14
F 15	0 48 40	10°56'15	20°24	2°22	19°40	14° 6	12°28	28°10	13°12	27° 6	1°55	13°33	14°51	29°37	n.a.	F 15
S 16	0 52 37	11°57'06	4♈39	3°31	20°55	13°43	12°40	28°17	13°15	27° 7	1°57	13°29	14°48	29°43	n.a.	S 16
S 17	0 56 33	12°57'58	18°39	4°39	22°10	13°20	12°52	28°24	13°17	27° 8	1°58	13°25	14°45	29°50	n.a.	S 17
M18	1 0 30	13°58'51	2♉19	5°43	23°25	12°58	13° 5	28°31	13°19	27° 9	2° 0	13°23	14°41	29°57	n.a.	M18
T 19	1 4 26	14°59'47	15°37	6°43	24°41	12°35	13°17	28°38	13°21	27° 9	2° 1	13°D23	14°38	0♌ 3	n.a.	T 19
W20	1 8 23	16° 0'43	28°33	7°40	25°56	12°12	13°29	28°45	13°23	27°10	2° 3	13°23	14°35	0°10	n.a.	W20
T 21	1 12 19	17° 1'41	11♊ 8	8°32	27°12	11°50	13°41	28°52	13°26	27°11	2° 4	13°25	14°32	0°17	n.a.	T 21
F 22	1 16 16	18° 2'41	23°27	9°18	28°27	11°28	13°53	28°58	13°28	27°11	2° 6	13°27	14°29	0°24	n.a.	F 22
S 23	1 20 13	19° 3'41	5♋31	10° 0	29°42	11° 7	14° 5	29° 5	13°30	27°12	2° 7	13°28	14°25	0°30	n.a.	S 23
S 24	1 24 9	20° 4'44	17°27	10°34	0♎58	10°45	14°17	29°12	13°33	27°13	2° 9	13°R29	14°22	0°37	n.a.	S 24
M25	1 28 6	21° 5'47	29°20	11° 1	2°13	10°25	14°29	29°19	13°35	27°13	2°11	13°29	14°19	0°44	n.a.	M25
T 26	1 32 2	22° 6'52	11♌13	11°20	3°29	10° 4	14°40	29°26	13°38	27°14	2°12	13°27	14°16	0°50	n.a.	T 26
W27	1 35 59	23° 7'58	23°11	11°30	4°44	9°45	14°52	29°32	13°40	27°14	2°14	13°25	14°13	0°57	n.a.	W27
T 28	1 39 55	24° 9'05	5♍19	11°R30	6° 0	9°25	15° 4	29°39	13°43	27°15	2°16	13°22	14°10	1° 4	n.a.	T 28
F 29	1 43 52	25°10'14	17°40	11°20	7°15	9° 7	15°15	29°46	13°45	27°15	2°17	13°19	14° 6	1°11	n.a.	F 29
S 30	1 47 48	26°11'23	0♎16	10°59	8°31	8°49	15°27	29°52	13°48	27°16	2°19	13°16	14° 3	1°17	n.a.	S 30
S 31	1 51 45	27♎12'33	13♎ 8	10♏26	9♎46	8♈31	15♍38	29♍59	13♐51	27♋16	2♐21	13♉14	14♉ 0	1♌24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n18	12n23	4n37	6s52	1s37	12n18	1n31	5n57	1s48	9n18	1n16	3n34	2n22	22s57	0s14	21n46	0n38	19s32	1n19	16n22	16n47	25n42		n.a.
S 2	0 54	6 56	4 3	7 32	1 42	11 51	1 32	5 52	1 45	9 13	1 16	3 31	2 22	22 57	0 14	21 46	0 38	19 33	1 19	16 20	16 46	25 41		n.a.
S 3	0 29	1 7	3 15	8 11	1 48	11 24	1 32	5 47	1 43	9 8	1 16	3 28	2 22	22 57	0 14	21 45	0 38	19 33	1 19	16 18	16 45	25 40		n.a.
M 4	0 5	4s50	2 18	8 49	1 53	10 56	1 33	5 41	1 41	9 3	1 16	3 25	2 22	22 57	0 14	21 45	0 38	19 33	1 19	16 16	16 44	25 39		n.a.
T 5	0s20	10 42	1 12	9 27	1 58	10 28	1 33	5 36	1 38	8 58	1 16	3 22	2 22	22 57	0 14	21 45	0 39	19 34	1 19	16 15	16 43	25 37		n.a.
W 6	0 44	16 11	0 1	10 4	2 3	10 0	1 34	5 30	1 36	8 54	1 16	3 19	2 22	22 58	0 14	21 45	0 39	19 34	1 19	16 15	16 42	25 36		n.a.
T 7	1 9	20 59	1s11	10 40	2 8	9 32	1 34	5 24	1 33	8 49	1 16	3 17	2 22	22 58	0 14	21 45	0 39	19 34	1 19	16 15	16 41	25 35		n.a.
F 8	1 33	24 44	2 20	11 16	2 12	9 3	1 34	5 18	1 30	8 44	1 16	3 14	2 22	22 58	0 14	21 44	0 39	19 35	1 18	16 15	16 40	25 34		n.a.
S 9	1 58	27 6	3 23	11 50	2 16	8 34	1 34	5 12	1 28	8 39	1 16	3 11	2 22	22 58	0 14	21 44	0 39	19 35	1 18	16 16	16 39	25 33		n.a.
S 10	2 22	27 47	4 14	12 23	2 20	8 5	1 35	5 6	1 25	8 34	1 17	3 8	2 22	22 59	0 14	21 44	0 39	19 36	1 18	16 16	16 38	25 31		n.a.
M11	2 47	26 40	4 50	12 56	2 23	7 36	1 35	5 0	1 22	8 30	1 17	3 5	2 22	22 59	0 14	21 44	0 39	19 36	1 18	16 16	16 37	25 30		n.a.
T 12	3 11	23 48	5 9	13 27	2 26	7 6	1 35	4 53	1 19	8 25	1 17	3 2	2 22	22 59	0 14	21 44	0 39	19 36	1 18	16 15	16 36	25 29		n.a.
W13	3 35	19 26	5 8	13 57	2 29	6 36	1 34	4 47	1 16	8 20	1 17	3 0	2 22	22 59	0 14	21 44	0 39	19 37	1 18	16 13	16 36	25 28		n.a.
T 14	4 0	13 55	4 48	14 25	2 31	6 6	1 34	4 41	1 13	8 15	1 17	2 57	2 22	23 0	0 14	21 43	0 39	19 37	1 18	16 12	16 35	25 26		n.a.
F 15	4 24	7 41	4 9	14 52	2 32	5 36	1 34	4 34	1 11	8 11	1 17	2 54	2 22	23 0	0 14	21 43	0 39	19 38	1 18	16 10	16 34	25 25		n.a.
S 16	4 48	1 6	3 16	15 18	2 33	5 5	1 34	4 28	1 8	8 6	1 17	2 51	2 22	23 0	0 14	21 43	0 39	19 38	1 17	16 9	16 33	25 24		n.a.
S 17	5 12	5n24	2 11	15 41	2 34	4 35	1 33	4 22	1 5	8 1	1 17	2 49	2 22	23 0	0 14	21 43	0 39	19 38	1 17	16 8	16 32	25 23		n.a.
M18	5 36	11 32	1 0	16 3	2 33	4 4	1 33	4 15	1 2	7 56	1 17	2 46	2 22	23 1	0 14	21 43	0 39	19 39	1 17	16 7	16 31	25 21		n.a.
T 19	6 0	16 59	0n12	16 22	2 32	3 33	1 32	4 9	0 59	7 52	1 17	2 43	2 22	23 1	0 14	21 43	0 39	19 39	1 17	16 7	16 30	25 20		n.a.
W20	6 24	21 30	1 22	16 39	2 30	3 2	1 32	4 3	0 56	7 47	1 17	2 40	2 22	23 1	0 14	21 43	0 39	19 40	1 17	16 7	16 29	25 19		n.a.
T 21	6 48	24 54	2 26	16 54	2 27	2 31	1 31	3 57	0 53	7 43	1 18	2 38	2 22	23 1	0 14	21 43	0 39	19 40	1 17	16 8	16 28	25 18		n.a.
F 22	7 11	27 3	3 22	17 6	2 23	2 0	1 30	3 51	0 50	7 38	1 18	2 35	2 22	23 2	0 14	21 42	0 39	19 41	1 17	16 8	16 27	25 16		n.a.
S 23	7 35	27 51	4 8	17 14	2 18	1 29	1 30	3 45	0 47	7 33	1 18	2 32	2 22	23 2	0 14	21 42	0 39	19 41	1 17	16 9	16 26	25 15		n.a.
S 24	7 59	27 21	4 43	17 19	2 12	0 58	1 29	3 39	0 44	7 29	1 18	2 30	2 22	23 2	0 14	21 42	0 39	19 41	1 16	16 9	16 25	25 14		n.a.
M25	8 22	25 36	5 5	17 21	2 4	0 27	1 28	3 34	0 41	7 24	1 18	2 27	2 23	23 3	0 14	21 42	0 39	19 42	1 16	16 9	16 24	25 12		n.a.
T 26	8 45	22 44	5 14	17 19	1 55	0s 5	1 27	3 28	0 38	7 20	1 18	2 24	2 23	23 3	0 14	21 42	0 39	19 42	1 16	16 8	16 23	25 11		n.a.
W27	9 8	18 53	5 10	17 12	1 45	0 36	1 26	3 23	0 35	7 15	1 18	2 22	2 23	23 3	0 14	21 42	0 39	19 43	1 16	16 8	16 22	25 10		n.a.
T 28	9 31	14 14	4 52	17 1	1 33	1 8	1 25	3 18	0 32	7 11	1 18	2 19	2 23	23 4	0 14	21 42	0 39	19 43	1 16	16 7	16 21	25 8		n.a.
F 29	9 54	8 56	4 20	16 44	1 20	1 39	1 24	3 13	0 29	7 6	1 19	2 17	2 23	23 4	0 14	21 42	0 39	19 44	1 16	16 6	16 20	25 7		n.a.
S 30	10 16	3 10	3 35	16 23	1 5	2 10	1 22	3 9	0 26	7 2	1 19	2 14	2 23	23 4	0 14	21 42	0 39	19 44	1 16	16 5	16 19	25 6		n.a.
S 31	10s39	2s51	2n38	15s57	0s48	2s42	1n21	3n 4	0s24	6n58	1n19	2n11	2n23	23s 5	0s14	21n42	0n39	19s45	1n16	16n 4	16n18	25n 4		n.a.

Julian Day Number = 1283761.5, Delta T = 08h05m41s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'52, Lahiri = -20°29'51 Julian Calendar 1 Oct. 1199 BCE == Greg. Calendar 20 Sept. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

NOVEMBER 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 55 42	28♎13'45	26♎18	9°R42	11♎ 2	8°R14	15♍50	0♎ 5	13♐53	27♋16	2♐23	13°R13	13♉57	1♌31	n.a.	M 1
T 2	1 59 38	29°14'57	9♏43	8♏47	12°17	7♈58	16° 1	0°12	13°56	27°17	2°24	13°D12	13°54	1°38	n.a.	T 2
W 3	2 3 35	0♏16'10	23°21	7°43	13°33	7°43	16°12	0°18	13°59	27°17	2°26	13♉12	13°51	1°44	n.a.	W 3
T 4	2 7 31	1°17'23	7♐12	6°30	14°48	7°29	16°23	0°25	14° 2	27°17	2°28	13°13	13°47	1°51	n.a.	T 4
F 5	2 11 28	2°18'37	21°11	5°12	16° 4	7°15	16°34	0°31	14° 4	27°17	2°30	13°14	13°44	1°58	n.a.	F 5
S 6	2 15 24	3°19'52	5♑17	3°50	17°19	7° 2	16°45	0°37	14° 7	27°17	2°32	13°15	13°41	2° 4	n.a.	S 6
S 7	2 19 21	4°21'07	19°27	2°27	18°35	6°50	16°56	0°44	14°10	27°18	2°34	13°16	13°38	2°11	n.a.	S 7
M 8	2 23 18	5°22'22	3♒39	1° 6	19°50	6°38	17° 7	0°50	14°13	27°18	2°35	13°R16	13°35	2°18	n.a.	M 8
T 9	2 27 14	6°23'37	17°49	29♎50	21° 6	6°28	17°17	0°56	14°16	27°18	2°37	13°16	13°31	2°25	n.a.	T 9
W10	2 31 11	7°24'52	1♓57	28°41	22°21	6°18	17°28	1° 2	14°19	27°R18	2°39	13°15	13°28	2°31	n.a.	W10
T 11	2 35 7	8°26'08	16° 0	27°41	23°37	6° 9	17°39	1° 8	14°22	27°18	2°41	13°15	13°25	2°38	n.a.	T 11
F 12	2 39 4	9°27'23	29°55	26°51	24°52	6° 1	17°49	1°14	14°25	27°18	2°43	13°14	13°22	2°45	n.a.	F 12
S 13	2 43 0	10°28'39	13♈41	26°11	26° 8	5°53	17°59	1°20	14°28	27°18	2°45	13°14	13°19	2°51	n.a.	S 13
S 14	2 46 57	11°29'54	27°14	25°42	27°23	5°47	18°10	1°26	14°31	27°18	2°47	13°14	13°16	2°58	n.a.	S 14
M15	2 50 53	12°31'10	10♉32	25°24	28°39	5°41	18°20	1°32	14°34	27°17	2°49	13°D14	13°12	3° 5	n.a.	M15
T 16	2 54 50	13°32'27	23°35	25°D17	29°54	5°37	18°30	1°38	14°37	27°17	2°51	13°R14	13° 9	3°12	n.a.	T 16
W17	2 58 47	14°33'43	6♊22	25°19	1♏10	5°33	18°40	1°44	14°40	27°17	2°53	13°13	13° 6	3°18	n.a.	W17
T 18	3 2 43	15°35'00	18°54	25°30	2°25	5°29	18°50	1°50	14°44	27°17	2°55	13°13	13° 3	3°25	n.a.	T 18
F 19	3 6 40	16°36'18	1♋11	25°50	3°41	5°27	18°59	1°55	14°47	27°16	2°57	13°13	13° 0	3°32	n.a.	F 19
S 20	3 10 36	17°37'35	13°16	26°17	4°57	5°25	19° 9	2° 1	14°50	27°16	2°59	13°12	12°57	3°39	n.a.	S 20
S 21	3 14 33	18°38'53	25°14	26°51	6°12	5°25	19°19	2° 7	14°53	27°16	3° 1	13°12	12°53	3°45	n.a.	S 21
M22	3 18 29	19°40'11	7♌ 6	27°31	7°28	5°D25	19°28	2°12	14°57	27°15	3° 3	13°11	12°50	3°52	n.a.	M22
T 23	3 22 26	20°41'29	18°59	28°16	8°43	5°25	19°37	2°18	15° 0	27°15	3° 5	13°D11	12°47	3°59	n.a.	T 23
W24	3 26 23	21°42'47	0♍56	29° 6	9°59	5°27	19°46	2°23	15° 3	27°15	3° 7	13°11	12°44	4° 5	n.a.	W24
T 25	3 30 19	22°44'05	13° 3	0♏ 1	11°14	5°29	19°56	2°28	15° 6	27°14	3° 9	13°12	12°41	4°12	n.a.	T 25
F 26	3 34 16	23°45'23	25°24	0°59	12°30	5°32	20° 5	2°34	15°10	27°14	3°11	13°13	12°37	4°19	n.a.	F 26
S 27	3 38 12	24°46'42	8♎ 3	2° 1	13°45	5°36	20°13	2°39	15°13	27°13	3°13	13°14	12°34	4°26	n.a.	S 27
S 28	3 42 9	25°48'00	21° 2	3° 5	15° 0	5°40	20°22	2°44	15°17	27°12	3°15	13°15	12°31	4°32	n.a.	S 28
M29	3 46 5	26°49'18	4♏24	4°12	16°16	5°45	20°31	2°49	15°20	27°12	3°17	13°16	12°28	4°39	n.a.	M29
T 30	3 50 2	27♏50'36	18♏ 7	5♏22	17♏31	5♈51	20♍39	2♎54	15♐23	27♋11	3♐19	13°R16	12♉25	4♌46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 1	8s53	1n32	15s26	0s30	3s13	1n20	3n 0	0s21	6n53	1n19	2n 9	2n23	23s 5	0s14	21n42	0n39	19s45	1n15	16n 4	16n17	25n 3		n.a.
T 2	11 23	14 40	0 19	14 50	0 11	3 44	1 18	2 56	0 18	6 49	1 19	2 6	2 23	23 5	0 14	21 42	0 39	19 46	1 15	16 4	16 16	25 1		n.a.
W 3	11 45	19 49	0s56	14 10	0n 9	4 15	1 17	2 53	0 15	6 45	1 19	2 4	2 23	23 6	0 14	21 42	0 39	19 46	1 15	16 4	16 15	25 0		n.a.
T 4	12 7	24 0	2 9	13 27	0 30	4 46	1 15	2 49	0 13	6 41	1 19	2 1	2 24	23 6	0 14	21 42	0 40	19 46	1 15	16 4	16 14	24 59		n.a.
F 5	12 29	26 47	3 15	12 41	0 50	5 17	1 14	2 46	0 10	6 36	1 20	1 59	2 24	23 6	0 14	21 42	0 40	19 47	1 15	16 4	16 14	24 57		n.a.
S 6	12 50	27 54	4 10	11 54	1 10	5 48	1 12	2 43	0 7	6 32	1 20	1 56	2 24	23 7	0 14	21 42	0 40	19 47	1 15	16 5	16 13	24 56		n.a.
S 7	13 11	27 11	4 50	11 8	1 29	6 19	1 11	2 41	0 5	6 28	1 20	1 54	2 24	23 7	0 14	21 42	0 40	19 48	1 15	16 5	16 12	24 54		n.a.
M 8	13 32	24 43	5 12	10 23	1 47	6 49	1 9	2 39	0 2	6 24	1 20	1 52	2 24	23 7	0 14	21 42	0 40	19 48	1 15	16 5	16 11	24 53		n.a.
T 9	13 52	20 44	5 16	9 41	2 3	7 20	1 7	2 37	0n 0	6 20	1 20	1 49	2 24	23 8	0 14	21 42	0 40	19 49	1 15	16 5	16 10	24 52		n.a.
W10	14 13	15 37	5 0	9 4	2 17	7 50	1 5	2 35	0 3	6 16	1 20	1 47	2 24	23 8	0 14	21 42	0 40	19 49	1 14	16 5	16 9	24 50		n.a.
T 11	14 33	9 42	4 27	8 31	2 28	8 20	1 3	2 34	0 5	6 12	1 21	1 44	2 24	23 8	0 14	21 42	0 40	19 50	1 14	16 5	16 8	24 49		n.a.
F 12	14 53	3 21	3 38	8 4	2 37	8 50	1 2	2 32	0 7	6 8	1 21	1 42	2 25	23 9	0 14	21 42	0 40	19 50	1 14	16 4	16 7	24 47		n.a.
S 13	15 13	3n 5	2 37	7 43	2 45	9 20	1 0	2 32	0 10	6 4	1 21	1 40	2 25	23 9	0 14	21 42	0 40	19 51	1 14	16 4	16 6	24 46		n.a.
S 14	15 32	9 18	1 28	7 28	2 50	9 49	0 58	2 31	0 12	6 0	1 21	1 38	2 25	23 9	0 14	21 42	0 40	19 51	1 14	16 4	16 5	24 44		n.a.
M15	15 51	15 0	0 15	7 18	2 53	10 18	0 56	2 31	0 14	5 56	1 21	1 35	2 25	23 10	0 14	21 42	0 40	19 52	1 14	16 4	16 4	24 43		n.a.
T 16	16 10	19 54	0n57	7 14	2 55	10 47	0 54	2 31	0 16	5 52	1 21	1 33	2 25	23 10	0 14	21 42	0 40	19 52	1 14	16 4	16 3	24 41		n.a.
W17	16 28	23 47	2 5	7 15	2 55	11 16	0 52	2 31	0 19	5 48	1 22	1 31	2 25	23 10	0 14	21 42	0 40	19 53	1 14	16 4	16 2	24 40		n.a.
T 18	16 47	26 26	3 5	7 20	2 53	11 45	0 50	2 32	0 21	5 45	1 22	1 29	2 25	23 11	0 14	21 42	0 40	19 53	1 14	16 4	16 1	24 38		n.a.
F 19	17 5	27 46	3 56	7 30	2 51	12 13	0 47	2 33	0 23	5 41	1 22	1 27	2 26	23 11	0 14	21 42	0 40	19 54	1 14	16 4	16 0	24 37		n.a.
S 20	17 22	27 43	4 35	7 43	2 47	12 41	0 45	2 34	0 25	5 37	1 22	1 24	2 26	23 12	0 14	21 43	0 40	19 54	1 13	16 4	15 59	24 35		n.a.
S 21	17 40	26 23	5 1	7 59	2 43	13 8	0 43	2 35	0 27	5 34	1 22	1 22	2 26	23 12	0 14	21 43	0 40	19 55	1 13	16 4	15 58	24 34		n.a.
M22	17 57	23 52	5 15	8 18	2 38	13 35	0 41	2 37	0 28	5 30	1 23	1 20	2 26	23 12	0 14	21 43	0 40	19 55	1 13	16 3	15 57	24 32		n.a.
T 23	18 13	20 21	5 15	8 40	2 32	14 2	0 39	2 39	0 30	5 26	1 23	1 18	2 26	23 13	0 14	21 43	0 40	19 56	1 13	16 3	15 56	24 31		n.a.
W24	18 30	16 0	5 2	9 4	2 26	14 29	0 36	2 41	0 32	5 23	1 23	1 16	2 26	23 13	0 14	21 43	0 40	19 56	1 13	16 3	15 55	24 29		n.a.
T 25	18 46	10 59	4 35	9 29	2 20	14 55	0 34	2 44	0 34	5 19	1 23	1 14	2 27	23 14	0 14	21 43	0 40	19 57	1 13	16 4	15 54	24 28		n.a.
F 26	19 1	5 26	3 55	9 56	2 13	15 20	0 32	2 47	0 36	5 16	1 23	1 12	2 27	23 14	0 14	21 43	0 40	19 57	1 13	16 4	15 53	24 26		n.a.
S 27	19 17	0s27	3 3	10 25	2 5	15 46	0 29	2 50	0 37	5 13	1 24	1 10	2 27	23 14	0 14	21 43	0 40	19 58	1 13	16 4	15 52	24 25		n.a.
S 28	19 32	6 30	2 0	10 54	1 58	16 11	0 27	2 53	0 39	5 9	1 24	1 8	2 27	23 15	0 14	21 44	0 40	19 58	1 13	16 5	15 51	24 23		n.a.
M29	19 46	12 26	0 49	11 24	1 50	16 35	0 25	2 56	0 40	5 6	1 24	1 6	2 27	23 15	0 14	21 44	0 40	19 59	1 12	16 5	15 50	24 22		n.a.
T 30	20s 1	17s57	0s27	11s55	1n42	16s59	0n22	3n 0	0n42	5n 3	1n24	1n 5	2n28	23s15	0s14	21n44	0n40	19s59	1n12	16n 5	15n49	24n20		n.a.

Julian Day Number = 1283792.5, Delta T = 08h05m39s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'47, Lahiri = -20°29'47 Julian Calendar 1 Nov. 1199 BCE == Greg. Calendar 21 Oct. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1199 BCE
geocentric

DECEMBER 1199 BCE (-1198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 53 58	28♏51'54	2♐11	6♏34	18♏47	5♈58	20♍48	2♎59	15♐27	27°R11	3♐21	13°R15	12♉22	4♌52	n.a.	W 1
T 2	3 57 55	29°53'11	16°31	7°48	20° 2	6° 5	20°56	3° 4	15°30	27♋10	3°23	13♉13	12°18	4°59	n.a.	T 2
F 3	4 1 52	0♐54'28	1♑ 1	9° 3	21°18	6°13	21° 4	3° 9	15°34	27° 9	3°25	13°11	12°15	5° 6	n.a.	F 3
S 4	4 5 48	1°55'44	15°35	10°20	22°33	6°22	21°12	3°14	15°37	27° 8	3°27	13° 9	12°12	5°13	n.a.	S 4
S 5	4 9 45	2°57'00	0♒ 8	11°38	23°49	6°31	21°20	3°18	15°41	27° 8	3°29	13° 6	12° 9	5°19	n.a.	S 5
M 6	4 13 41	3°58'14	14°34	12°58	25° 4	6°41	21°27	3°23	15°44	27° 7	3°32	13° 4	12° 6	5°26	n.a.	M 6
T 7	4 17 38	4°59'28	28°48	14°19	26°19	6°51	21°35	3°27	15°47	27° 6	3°34	13°D 3	12° 3	5°33	n.a.	T 7
W 8	4 21 34	6° 0'40	12♓50	15°41	27°35	7° 2	21°42	3°32	15°51	27° 5	3°36	13° 3	11°59	5°40	n.a.	W 8
T 9	4 25 31	7° 1'52	26°37	17° 4	28°50	7°14	21°50	3°36	15°54	27° 4	3°38	13° 4	11°56	5°46	n.a.	T 9
F 10	4 29 28	8° 3'02	10♈10	18°28	0♐ 6	7°26	21°57	3°40	15°58	27° 3	3°40	13° 6	11°53	5°53	n.a.	F 10
S 11	4 33 24	9° 4'12	23°29	19°52	1°21	7°39	22° 4	3°45	16° 1	27° 2	3°42	13° 7	11°50	6° 0	n.a.	S 11
S 12	4 37 21	10° 5'20	6♉36	21°18	2°36	7°52	22°11	3°49	16° 5	27° 1	3°44	13°R 8	11°47	6° 6	n.a.	S 12
M13	4 41 17	11° 6'27	19°30	22°44	3°52	8° 6	22°18	3°53	16° 8	27° 0	3°46	13° 8	11°43	6°13	n.a.	M13
T 14	4 45 14	12° 7'34	2♊12	24°11	5° 7	8°20	22°24	3°57	16°12	26°59	3°48	13° 7	11°40	6°20	n.a.	T 14
W15	4 49 10	13° 8'39	14°44	25°39	6°22	8°35	22°31	4° 1	16°16	26°58	3°50	13° 4	11°37	6°27	n.a.	W15
T 16	4 53 7	14° 9'44	27° 4	27° 8	7°37	8°50	22°37	4° 4	16°19	26°57	3°52	12°59	11°34	6°33	n.a.	T 16
F 17	4 57 3	15°10'48	9♋15	28°37	8°53	9° 6	22°43	4° 8	16°23	26°56	3°54	12°54	11°31	6°40	n.a.	F 17
S 18	5 1 0	16°11'50	21°18	0♐ 7	10° 8	9°23	22°49	4°12	16°26	26°55	3°56	12°47	11°28	6°47	n.a.	S 18
S 19	5 4 57	17°12'52	3♌14	1°38	11°23	9°39	22°55	4°15	16°30	26°53	3°58	12°41	11°24	6°54	n.a.	S 19
M20	5 8 53	18°13'53	15° 6	3° 9	12°38	9°57	23° 0	4°19	16°33	26°52	4° 0	12°35	11°21	7° 0	n.a.	M20
T 21	5 12 50	19°14'53	26°58	4°41	13°54	10°14	23° 6	4°22	16°37	26°51	4° 2	12°31	11°18	7° 7	n.a.	T 21
W22	5 16 46	20°15'52	8♍54	6°14	15° 9	10°32	23°11	4°26	16°40	26°50	4° 4	12°29	11°15	7°14	n.a.	W22
T 23	5 20 43	21°16'50	20°57	7°47	16°24	10°51	23°16	4°29	16°44	26°48	4° 6	12°D28	11°12	7°20	n.a.	T 23
F 24	5 24 39	22°17'46	3♎14	9°21	17°39	11°10	23°21	4°32	16°47	26°47	4° 8	12°29	11° 8	7°27	n.a.	F 24
S 25	5 28 36	23°18'42	15°48	10°56	18°55	11°29	23°26	4°35	16°51	26°46	4°10	12°30	11° 5	7°34	n.a.	S 25
S 26	5 32 32	24°19'37	28°45	12°31	20°10	11°49	23°31	4°38	16°54	26°45	4°12	12°31	11° 2	7°41	n.a.	S 26
M27	5 36 29	25°20'31	12♏ 7	14° 7	21°25	12° 9	23°36	4°41	16°58	26°43	4°14	12°R32	10°59	7°47	n.a.	M27
T 28	5 40 26	26°21'24	25°57	15°44	22°40	12°29	23°40	4°43	17° 1	26°42	4°16	12°31	10°56	7°54	n.a.	T 28
W29	5 44 22	27°22'15	10♐14	17°22	23°55	12°50	23°44	4°46	17° 5	26°40	4°18	12°28	10°53	8° 1	n.a.	W29
T 30	5 48 19	28°23'06	24°53	19° 0	25°10	13°11	23°48	4°49	17° 8	26°39	4°20	12°23	10°49	8° 8	n.a.	T 30
F 31	5 52 15	29♐23'55	9♑48	20♐39	26♐26	13♈33	23♍52	4♎51	17♐12	26♋38	4♐22	12♉17	10♉46	8♌14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	20s14	22s37	1s43	12s27	1n35	17s23	0n20	3n 4	0n43	5n 0	1n24	1n 3	2n28	23s16	0s14	21n44	0n40	20s 0	1n12	16n 5	15n48	24n18					n.a.
T 2	20 28	26 1	2 53	12 59	1 27	17 46	0 18	3 8	0 45	4 57	1 25	1 1	2 28	23 16	0 14	21 44	0 40	20 0	1 12	16 4	15 47	24 17					n.a.
F 3	20 41	27 44	3 54	13 31	1 19	18 8	0 15	3 13	0 46	4 54	1 25	0 59	2 28	23 17	0 14	21 44	0 41	20 1	1 12	16 3	15 46	24 15					n.a.
S 4	20 54	27 32	4 39	14 3	1 11	18 31	0 13	3 18	0 48	4 51	1 25	0 57	2 28	23 17	0 14	21 45	0 41	20 1	1 12	16 3	15 45	24 14					n.a.
S 5	21 6	25 27	5 7	14 35	1 2	18 52	0 10	3 22	0 49	4 48	1 25	0 56	2 28	23 17	0 14	21 45	0 41	20 2	1 12	16 2	15 44	24 12					n.a.
M 6	21 18	21 44	5 15	15 8	0 54	19 13	0 8	3 28	0 50	4 45	1 25	0 54	2 29	23 18	0 14	21 45	0 41	20 2	1 12	16 1	15 43	24 10					n.a.
T 7	21 29	16 48	5 3	15 40	0 46	19 34	0 6	3 33	0 52	4 42	1 26	0 52	2 29	23 18	0 14	21 45	0 41	20 3	1 12	16 1	15 42	24 9					n.a.
W 8	21 40	11 3	4 33	16 12	0 39	19 54	0 3	3 39	0 53	4 39	1 26	0 51	2 29	23 18	0 14	21 45	0 41	20 3	1 12	16 1	15 41	24 7					n.a.
T 9	21 51	4 51	3 48	16 43	0 31	20 13	0 1	3 44	0 54	4 37	1 26	0 49	2 29	23 19	0 14	21 46	0 41	20 4	1 12	16 1	15 40	24 5					n.a.
F 10	22 1	1n28	2 51	17 15	0 23	20 32	0s 2	3 50	0 55	4 34	1 26	0 48	2 30	23 19	0 14	21 46	0 41	20 4	1 11	16 2	15 39	24 4					n.a.
S 11	22 11	7 38	1 46	17 45	0 15	20 50	0 4	3 57	0 56	4 31	1 27	0 46	2 30	23 20	0 14	21 46	0 41	20 5	1 11	16 2	15 38	24 2					n.a.
S 12	22 20	13 23	0 36	18 16	0 8	21 8	0 6	4 3	0 57	4 29	1 27	0 45	2 30	23 20	0 14	21 46	0 41	20 5	1 11	16 3	15 37	24 0					n.a.
M13	22 29	18 27	0n35	18 46	0 0	21 25	0 9	4 9	0 59	4 26	1 27	0 43	2 30	23 20	0 14	21 46	0 41	20 5	1 11	16 3	15 36	23 59					n.a.
T 14	22 37	22 37	1 43	19 15	0s 7	21 41	0 11	4 16	1 0	4 24	1 27	0 42	2 30	23 21	0 14	21 47	0 41	20 6	1 11	16 2	15 35	23 57					n.a.
W15	22 45	25 40	2 44	19 43	0 14	21 57	0 13	4 23	1 1	4 21	1 28	0 41	2 31	23 21	0 14	21 47	0 41	20 6	1 11	16 1	15 34	23 55					n.a.
T 16	22 53	27 25	3 37	20 11	0 21	22 12	0 16	4 30	1 2	4 19	1 28	0 39	2 31	23 21	0 14	21 47	0 41	20 7	1 11	16 0	15 33	23 54					n.a.
F 17	23 0	27 49	4 19	20 39	0 28	22 27	0 18	4 37	1 3	4 17	1 28	0 38	2 31	23 22	0 14	21 47	0 41	20 7	1 11	15 58	15 32	23 52					n.a.
S 18	23 7	26 53	4 49	21 5	0 35	22 41	0 20	4 45	1 3	4 15	1 28	0 37	2 31	23 22	0 14	21 48	0 41	20 8	1 11	15 56	15 31	23 50					n.a.
S 19	23 13	24 43	5 6	21 30	0 41	22 54	0 23	4 52	1 4	4 13	1 29	0 36	2 32	23 23	0 14	21 48	0 41	20 8	1 11	15 54	15 30	23 49					n.a.
M20	23 18	21 30	5 10	21 55	0 48	23 6	0 25	5 0	1 5	4 11	1 29	0 34	2 32	23 23	0 14	21 48	0 41	20 9	1 11	15 52	15 29	23 47					n.a.
T 21	23 24	17 25	5 1	22 19	0 54	23 18	0 27	5 8	1 6	4 9	1 29	0 33	2 32	23 23	0 14	21 48	0 41	20 9	1 10	15 51	15 28	23 45					n.a.
W22	23 28	12 39	4 38	22 41	1 0	23 29	0 29	5 16	1 7	4 7	1 29	0 32	2 32	23 24	0 14	21 49	0 41	20 10	1 10	15 50	15 27	23 44					n.a.
T 23	23 33	7 22	4 4	23 3	1 6	23 39	0 32	5 24	1 8	4 5	1 30	0 31	2 32	23 24	0 14	21 49	0 41	20 10	1 10	15 50	15 26	23 42					n.a.
F 24	23 37	1 42	3 17	23 24	1 11	23 49	0 34	5 32	1 9	4 3	1 30	0 30	2 33	23 24	0 14	21 49	0 41	20 11	1 10	15 50	15 25	23 40					n.a.
S 25	23 40	4s10	2 20	23 43	1 17	23 58	0 36	5 41	1 9	4 1	1 30	0 29	2 33	23 25	0 14	21 50	0 41	20 11	1 10	15 51	15 24	23 38					n.a.
S 26	23 43	10 3	1 14	24 1	1 22	24 6	0 38	5 49	1 10	4 0	1 30	0 28	2 33	23 25	0 14	21 50	0 41	20 12	1 10	15 51	15 23	23 37					n.a.
M27	23 45	15 42	0 2	24 18	1 26	24 13	0 40	5 58	1 11	3 58	1 31	0 27	2 33	23 26	0 14	21 50	0 41	20 12	1 10	15 51	15 22	23 35					n.a.
T 28	23 47	20 44	1s12	24 34	1 31	24 20	0 42	6 6	1 11	3 57	1 31	0 26	2 34	23 26	0 14	21 50	0 41	20 12	1 10	15 51	15 21	23 33					n.a.
W29	23 49	24 44	2 24	24 48	1 35	24 26	0 44	6 15	1 12	3 55	1 31	0 25	2 34	23 26	0 14	21 51	0 41	20 13	1 10	15 50	15 20	23 31					n.a.
T 30	23 50	27 12	3 28	25 1	1 39	24 31	0 46	6 24	1 13	3 54	1 31	0 25	2 34	23 27	0 14	21 51	0 41	20 13	1 10	15 49	15 19	23 29					n.a.
F 31	23s50	27s47	4s19	25s13	1s43	24s36	0s48	6n33	1n13	3n53	1n32	0n24	2n34	23s27	0s14	21n51	0n41	20s14	1n10	15n47	15n18	23n28					n.a.

Julian Day Number = 1283822.5, Delta T = 08h05m37s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'43, Lahiri = -20°29'43 Julian Calendar 1 Dec. 1199 BCE == Greg. Calendar 20 Nov. 1199 BCE

The year -1198 astronomical counting style corresponds to year 1199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

JANUARY 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 12	0♑24'42	24♑51	22♐19	27♐41	13♈55	23♍56	4♎53	17♐15	26°R36	4♐24	12°R 9	10♉43	8♌21	n.a.	S 1
S 2	6 0 8	1°25'27	9♒51	24° 0	28°56	14°17	23°59	4°56	17°19	26♋35	4°26	12♉ 1	10°40	8°28	n.a.	S 2
M 3	6 4 5	2°26'11	24°39	25°41	0♑11	14°39	24° 2	4°58	17°22	26°33	4°27	11°55	10°37	8°34	n.a.	M 3
T 4	6 8 2	3°26'53	9♓10	27°23	1°26	15° 2	24° 5	5° 0	17°26	26°32	4°29	11°50	10°34	8°41	n.a.	T 4
W 5	6 11 58	4°27'33	23°19	29° 7	2°41	15°25	24° 8	5° 2	17°29	26°30	4°31	11°47	10°30	8°48	n.a.	W 5
T 6	6 15 55	5°28'11	7♈ 5	0♑51	3°56	15°49	24°11	5° 4	17°32	26°29	4°33	11°D47	10°27	8°55	n.a.	T 6
F 7	6 19 51	6°28'47	20°30	2°35	5°11	16°13	24°14	5° 6	17°36	26°27	4°35	11°48	10°24	9° 1	n.a.	F 7
S 8	6 23 48	7°29'21	3♉35	4°21	6°26	16°37	24°16	5° 7	17°39	26°26	4°37	11°48	10°21	9° 8	n.a.	S 8
S 9	6 27 44	8°29'53	16°24	6° 8	7°41	17° 1	24°18	5° 9	17°43	26°24	4°38	11°R49	10°18	9°15	n.a.	S 9
M10	6 31 41	9°30'23	28°59	7°55	8°56	17°26	24°20	5°10	17°46	26°22	4°40	11°47	10°14	9°21	n.a.	M10
T 11	6 35 37	10°30'51	11♊24	9°44	10°11	17°50	24°22	5°12	17°49	26°21	4°42	11°43	10°11	9°28	n.a.	T 11
W12	6 39 34	11°31'18	23°39	11°33	11°26	18°15	24°24	5°13	17°53	26°19	4°44	11°36	10° 8	9°35	n.a.	W12
T 13	6 43 31	12°31'42	5♋48	13°23	12°41	18°41	24°25	5°14	17°56	26°18	4°45	11°27	10° 5	9°42	n.a.	T 13
F 14	6 47 27	13°32'05	17°50	15°14	13°56	19° 6	24°27	5°15	17°59	26°16	4°47	11°15	10° 2	9°48	n.a.	F 14
S 15	6 51 24	14°32'26	29°48	17° 5	15°11	19°32	24°28	5°16	18° 2	26°15	4°49	11° 3	9°59	9°55	n.a.	S 15
S 16	6 55 20	15°32'45	11♌42	18°58	16°25	19°58	24°29	5°17	18° 6	26°13	4°50	10°50	9°55	10° 2	n.a.	S 16
M17	6 59 17	16°33'02	23°33	20°51	17°40	20°25	24°29	5°18	18° 9	26°11	4°52	10°39	9°52	10° 9	n.a.	M17
T 18	7 3 13	17°33'17	5♍26	22°44	18°55	20°51	24°30	5°19	18°12	26°10	4°54	10°29	9°49	10°15	n.a.	T 18
W19	7 7 10	18°33'31	17°21	24°38	20°10	21°18	24°30	5°19	18°15	26° 8	4°55	10°22	9°46	10°22	n.a.	W19
T 20	7 11 6	19°33'42	29°23	26°32	21°25	21°45	24°R30	5°20	18°18	26° 6	4°57	10°18	9°43	10°29	n.a.	T 20
F 21	7 15 3	20°33'52	11♎36	28°27	22°40	22°12	24°30	5°20	18°21	26° 5	4°58	10°16	9°40	10°35	n.a.	F 21
S 22	7 19 0	21°34'01	24° 6	0♒21	23°54	22°39	24°30	5°21	18°25	26° 3	5° 0	10°D15	9°36	10°42	n.a.	S 22
S 23	7 22 56	22°34'08	6♏56	2°15	25° 9	23° 7	24°30	5°21	18°28	26° 1	5° 2	10°R15	9°33	10°49	n.a.	S 23
M24	7 26 53	23°34'13	20°12	4° 9	26°24	23°34	24°29	5°R21	18°31	26° 0	5° 3	10°15	9°30	10°56	n.a.	M24
T 25	7 30 49	24°34'16	3♐56	6° 1	27°39	24° 2	24°28	5°21	18°34	25°58	5° 5	10°13	9°27	11° 2	n.a.	T 25
W26	7 34 46	25°34'18	18°10	7°53	28°54	24°30	24°27	5°21	18°37	25°56	5° 6	10° 9	9°24	11° 9	n.a.	W26
T 27	7 38 42	26°34'17	2♑52	9°43	0♒ 8	24°58	24°26	5°20	18°40	25°55	5° 7	10° 1	9°20	11°16	n.a.	T 27
F 28	7 42 39	27°34'15	17°56	11°31	1°23	25°27	24°25	5°20	18°43	25°53	5° 9	9°52	9°17	11°23	n.a.	F 28
S 29	7 46 35	28°34'11	3♒13	13°16	2°38	25°56	24°23	5°20	18°46	25°51	5°10	9°41	9°14	11°29	n.a.	S 29
S 30	7 50 32	29°34'05	18°32	14°59	3°52	26°24	24°21	5°19	18°48	25°50	5°12	9°30	9°11	11°36	n.a.	S 30
M31	7 54 29	0♒33'56	3♓40	16♒38	5♒ 7	26♈53	24♍19	5♎19	18♐51	25♋48	5♐13	9♉20	9♉ 8	11♌43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	26s19	4s53	25s23	1s46	24s39	0s50	6n43	1n14	3n51	1n32	0n23	2n35	23s27	0s14	21n52	0n41	20s14	1n10	15n44	15n17	23n26		n.a.
S 2	23 50	22 59	5 7	25 31	1 49	24 42	0 52	6 52	1 15	3 50	1 32	0 22	2 35	23 28	0 14	21 52	0 41	20 15	1 10	15 42	15 16	23 24		n.a.
M 3	23 49	18 12	4 59	25 38	1 52	24 44	0 54	7 1	1 15	3 49	1 33	0 22	2 35	23 28	0 14	21 52	0 41	20 15	1 9	15 40	15 15	23 22		n.a.
T 4	23 48	12 28	4 33	25 43	1 54	24 46	0 56	7 11	1 16	3 48	1 33	0 21	2 35	23 28	0 14	21 53	0 41	20 15	1 9	15 38	15 14	23 20		n.a.
W 5	23 46	6 12	3 50	25 46	1 56	24 46	0 57	7 20	1 16	3 47	1 33	0 21	2 36	23 29	0 14	21 53	0 41	20 16	1 9	15 38	15 13	23 19		n.a.
T 6	23 43	0n11	2 55	25 48	1 58	24 46	0 59	7 30	1 17	3 46	1 33	0 20	2 36	23 29	0 14	21 53	0 41	20 16	1 9	15 37	15 12	23 17		n.a.
F 7	23 41	6 25	1 52	25 48	1 59	24 45	1 1	7 40	1 17	3 46	1 34	0 20	2 36	23 29	0 14	21 54	0 41	20 17	1 9	15 38	15 11	23 15		n.a.
S 8	23 37	12 14	0 44	25 46	2 0	24 43	1 2	7 50	1 18	3 45	1 34	0 19	2 36	23 30	0 14	21 54	0 41	20 17	1 9	15 38	15 10	23 13		n.a.
S 9	23 34	17 25	0n25	25 42	2 0	24 41	1 4	8 0	1 18	3 44	1 34	0 19	2 37	23 30	0 14	21 54	0 42	20 17	1 9	15 38	15 9	23 11		n.a.
M10	23 29	21 44	1 31	25 36	2 0	24 37	1 6	8 10	1 19	3 44	1 35	0 18	2 37	23 30	0 14	21 54	0 42	20 18	1 9	15 37	15 8	23 9		n.a.
T 11	23 25	25 1	2 31	25 27	1 59	24 33	1 7	8 20	1 19	3 43	1 35	0 18	2 37	23 31	0 15	21 55	0 42	20 18	1 9	15 36	15 7	23 8		n.a.
W12	23 20	27 5	3 24	25 17	1 58	24 28	1 8	8 30	1 20	3 43	1 35	0 18	2 38	23 31	0 15	21 55	0 42	20 19	1 9	15 34	15 6	23 6		n.a.
T 13	23 14	27 49	4 6	25 5	1 57	24 23	1 10	8 40	1 20	3 42	1 35	0 18	2 38	23 31	0 15	21 55	0 42	20 19	1 9	15 31	15 5	23 4		n.a.
F 14	23 8	27 13	4 38	24 51	1 54	24 16	1 11	8 51	1 21	3 42	1 36	0 17	2 38	23 32	0 15	21 56	0 42	20 19	1 9	15 27	15 4	23 2		n.a.
S 15	23 2	25 21	4 56	24 34	1 52	24 9	1 12	9 1	1 21	3 42	1 36	0 17	2 38	23 32	0 15	21 56	0 42	20 20	1 9	15 24	15 3	23 0		n.a.
S 16	22 55	22 23	5 2	24 16	1 48	24 2	1 14	9 11	1 21	3 42	1 36	0 17	2 39	23 32	0 15	21 56	0 42	20 20	1 8	15 20	15 2	22 58		n.a.
M17	22 48	18 31	4 55	23 55	1 44	23 53	1 15	9 22	1 22	3 42	1 36	0 17	2 39	23 33	0 15	21 57	0 42	20 21	1 8	15 16	15 1	22 56		n.a.
T 18	22 40	13 55	4 34	23 32	1 40	23 44	1 16	9 32	1 22	3 42	1 37	0 17	2 39	23 33	0 15	21 57	0 42	20 21	1 8	15 13	15 0	22 54		n.a.
W19	22 32	8 47	4 2	23 7	1 35	23 34	1 17	9 43	1 23	3 42	1 37	0 17	2 39	23 33	0 15	21 57	0 42	20 21	1 8	15 11	14 59	22 53		n.a.
T 20	22 23	3 17	3 19	22 39	1 29	23 23	1 18	9 53	1 23	3 42	1 37	0 17	2 40	23 33	0 15	21 58	0 42	20 22	1 8	15 9	14 58	22 51		n.a.
F 21	22 14	2s26	2 26	22 10	1 23	23 12	1 19	10 4	1 23	3 42	1 38	0 17	2 40	23 34	0 15	21 58	0 42	20 22	1 8	15 8	14 57	22 49		n.a.
S 22	22 5	8 11	1 25	21 38	1 15	23 0	1 20	10 15	1 24	3 43	1 38	0 17	2 40	23 34	0 15	21 58	0 42	20 22	1 8	15 8	14 56	22 47		n.a.
S 23	21 55	13 47	0 18	21 5	1 8	22 47	1 21	10 25	1 24	3 43	1 38	0 17	2 40	23 34	0 15	21 59	0 42	20 23	1 8	15 8	14 55	22 45		n.a.
M24	21 45	18 56	0s52	20 30	0 59	22 33	1 21	10 36	1 24	3 44	1 38	0 18	2 41	23 35	0 15	21 59	0 42	20 23	1 8	15 8	14 54	22 43		n.a.
T 25	21 34	23 17	2 2	19 53	0 50	22 19	1 22	10 47	1 24	3 44	1 39	0 18	2 41	23 35	0 15	21 59	0 42	20 23	1 8	15 8	14 53	22 41		n.a.
W26	21 23	26 24	3 6	19 15	0 40	22 4	1 23	10 58	1 25	3 45	1 39	0 18	2 41	23 35	0 15	22 0	0 42	20 24	1 8	15 6	14 52	22 39		n.a.
T 27	21 11	27 49	4 0	18 35	0 29	21 49	1 23	11 8	1 25	3 46	1 39	0 18	2 41	23 35	0 15	22 0	0 42	20 24	1 8	15 4	14 51	22 37		n.a.
F 28	21 0	27 13	4 39	17 54	0 18	21 33	1 24	11 19	1 25	3 46	1 39	0 19	2 42	23 36	0 15	22 0	0 42	20 24	1 8	15 1	14 50	22 35		n.a.
S 29	20 47	24 36	4 58	17 13	0 6	21 16	1 24	11 30	1 26	3 47	1 40	0 19	2 42	23 36	0 15	22 1	0 42	20 25	1 8	14 57	14 49	22 33		n.a.
S 30	20 35	20 13	4 57	16 31	0n 6	20 59	1 25	11 41	1 26	3 48	1 40	0 20	2 42	23 36	0 15	22 1	0 42	20 25	1 7	14 54	14 48	22 31		n.a.
M31	20s22	14s34	4s34	15s49	0n19	20s41	1s25	11n52	1n26	3n49	1n40	0n20	2n42	23s36	0s15	22n 1	0n42	20s25	1n 7	14n50	14n47	22n29		n.a.

Julian Day Number = 1283853.5, Delta T = 08h05m36s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'39, Lahiri = -20°29'39 Julian Calendar 1 Jan. 1198 BCE == Greg. Calendar 21 Dec. 1199 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

FEBRUARY 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 25	1♒33'45	18♓29	18♒13	6♒22	27♈22	24°R17	5°R18	18♐54	25°R46	5♐14	9°R12	9♉ 5	11♌49	n.a.	T 1
W 2	8 2 22	2°33'31	2♈53	19°44	7°36	27°52	24♍15	5♎17	18°57	25♋45	5°16	9♉ 7	9° 1	11°56	n.a.	W 2
T 3	8 6 18	3°33'16	16°49	21° 9	8°51	28°21	24°13	5°16	19° 0	25°43	5°17	9° 4	8°58	12° 3	n.a.	T 3
F 4	8 10 15	4°32'57	0♉17	22°30	10° 6	28°51	24°10	5°15	19° 2	25°41	5°18	9° 4	8°55	12°10	n.a.	F 4
S 5	8 14 11	5°32'37	13°21	23°44	11°20	29°20	24° 7	5°14	19° 5	25°40	5°19	9° 4	8°52	12°16	n.a.	S 5
S 6	8 18 8	6°32'14	26° 4	24°52	12°35	29°50	24° 4	5°13	19° 8	25°38	5°21	9° 3	8°49	12°23	n.a.	S 6
M 7	8 22 4	7°31'48	8♊30	25°53	13°49	0♉20	24° 1	5°11	19°10	25°36	5°22	9° 1	8°46	12°30	n.a.	M 7
T 8	8 26 1	8°31'20	20°44	26°47	15° 4	0°50	23°58	5°10	19°13	25°35	5°23	8°56	8°42	12°37	n.a.	T 8
W 9	8 29 58	9°30'50	2♋49	27°33	16°18	1°21	23°54	5° 9	19°16	25°33	5°24	8°48	8°39	12°43	n.a.	W 9
T 10	8 33 54	10°30'17	14°49	28°12	17°33	1°51	23°50	5° 7	19°18	25°32	5°25	8°37	8°36	12°50	n.a.	T 10
F 11	8 37 51	11°29'43	26°44	28°43	18°47	2°22	23°46	5° 5	19°21	25°30	5°26	8°24	8°33	12°57	n.a.	F 11
S 12	8 41 47	12°29'05	8♌37	29° 6	20° 1	2°52	23°42	5° 4	19°23	25°28	5°27	8° 9	8°30	13° 3	n.a.	S 12
S 13	8 45 44	13°28'26	20°30	29°21	21°16	3°23	23°38	5° 2	19°25	25°27	5°28	7°55	8°26	13°10	n.a.	S 13
M14	8 49 40	14°27'45	2♍23	29°R27	22°30	3°54	23°34	5° 0	19°28	25°25	5°29	7°41	8°23	13°17	n.a.	M14
T 15	8 53 37	15°27'01	14°19	29°27	23°45	4°25	23°29	4°58	19°30	25°24	5°30	7°30	8°20	13°24	n.a.	T 15
W16	8 57 33	16°26'15	26°18	29°18	24°59	4°56	23°25	4°56	19°33	25°22	5°31	7°21	8°17	13°30	n.a.	W16
T 17	9 1 30	17°25'27	8♎24	29° 2	26°13	5°27	23°20	4°53	19°35	25°21	5°32	7°15	8°14	13°37	n.a.	T 17
F 18	9 5 26	18°24'37	20°40	28°40	27°27	5°58	23°15	4°51	19°37	25°19	5°33	7°12	8°11	13°44	n.a.	F 18
S 19	9 9 23	19°23'46	3♏ 9	28°11	28°42	6°30	23°10	4°49	19°39	25°18	5°34	7°D11	8° 7	13°51	n.a.	S 19
S 20	9 13 20	20°22'52	15°57	27°37	29°56	7° 1	23° 4	4°46	19°41	25°16	5°34	7°R11	8° 4	13°57	n.a.	S 20
M21	9 17 16	21°21'57	29° 6	26°58	1♓10	7°33	22°59	4°44	19°43	25°15	5°35	7°11	8° 1	14° 4	n.a.	M21
T 22	9 21 13	22°20'59	12♐42	26°16	2°25	8° 5	22°53	4°41	19°46	25°13	5°36	7°10	7°58	14°11	n.a.	T 22
W23	9 25 9	23°20'00	26°46	25°30	3°39	8°36	22°48	4°38	19°48	25°12	5°37	7° 6	7°55	14°17	n.a.	W23
T 24	9 29 6	24°18'59	11♑18	24°42	4°53	9° 8	22°42	4°36	19°50	25°10	5°37	7° 0	7°52	14°24	n.a.	T 24
F 25	9 33 2	25°17'56	26°13	23°53	6° 7	9°40	22°36	4°33	19°51	25° 9	5°38	6°52	7°48	14°31	n.a.	F 25
S 26	9 36 59	26°16'51	11♒25	23° 5	7°21	10°13	22°30	4°30	19°53	25° 8	5°39	6°42	7°45	14°38	n.a.	S 26
S 27	9 40 55	27°15'44	26°44	22°17	8°35	10°45	22°24	4°27	19°55	25° 6	5°39	6°31	7°42	14°44	n.a.	S 27
M28	9 44 52	28♒14'35	11♓58	21♒31	9♓49	11♉17	22♍17	4♎24	19♐57	25♋ 5	5♐40	6♉22	7♉39	14♌51	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 9	8s12	3s53	15s 7	0n32	20s22	1s25	12n 3	1n26	3n50	1n40	0n21	2n43	23s37	0s15	22n 2	0n42	20s26	1n 7	14n48	14n46	22n27		n.a.
W 2	19 55	1 33	2 59	14 25	0 46	20 3	1 25	12 14	1 27	3 51	1 41	0 21	2 43	23 37	0 15	22 2	0 42	20 26	1 7	14 46	14 45	22 25		n.a.
T 3	19 41	4n57	1 55	13 44	1 0	19 43	1 26	12 25	1 27	3 53	1 41	0 22	2 43	23 37	0 15	22 2	0 42	20 26	1 7	14 46	14 44	22 23		n.a.
F 4	19 27	11 2	0 46	13 5	1 14	19 23	1 26	12 36	1 27	3 54	1 41	0 22	2 43	23 37	0 15	22 3	0 42	20 27	1 7	14 45	14 43	22 21		n.a.
S 5	19 12	16 28	0n23	12 27	1 28	19 2	1 26	12 47	1 27	3 55	1 41	0 23	2 44	23 38	0 15	22 3	0 42	20 27	1 7	14 45	14 41	22 19		n.a.
S 6	18 57	21 1	1 29	11 51	1 42	18 41	1 26	12 58	1 27	3 57	1 42	0 24	2 44	23 38	0 15	22 3	0 42	20 27	1 7	14 45	14 40	22 17		n.a.
M 7	18 42	24 32	2 29	11 17	1 56	18 19	1 26	13 8	1 27	3 58	1 42	0 25	2 44	23 38	0 15	22 4	0 42	20 27	1 7	14 44	14 39	22 15		n.a.
T 8	18 26	26 51	3 21	10 46	2 10	17 57	1 25	13 19	1 28	4 0	1 42	0 25	2 44	23 38	0 15	22 4	0 42	20 28	1 7	14 43	14 38	22 13		n.a.
W 9	18 10	27 52	4 3	10 17	2 23	17 34	1 25	13 30	1 28	4 1	1 42	0 26	2 45	23 39	0 15	22 4	0 42	20 28	1 7	14 40	14 37	22 11		n.a.
T 10	17 54	27 32	4 34	9 52	2 36	17 11	1 25	13 41	1 28	4 3	1 43	0 27	2 45	23 39	0 15	22 5	0 42	20 28	1 7	14 37	14 36	22 9		n.a.
F 11	17 37	25 57	4 53	9 30	2 48	16 47	1 24	13 52	1 28	4 5	1 43	0 28	2 45	23 39	0 15	22 5	0 42	20 28	1 7	14 32	14 35	22 7		n.a.
S 12	17 20	23 12	4 59	9 11	2 59	16 23	1 24	14 3	1 28	4 7	1 43	0 29	2 45	23 39	0 15	22 5	0 42	20 29	1 7	14 28	14 34	22 5		n.a.
S 13	17 3	19 30	4 52	8 57	3 9	15 58	1 24	14 14	1 28	4 9	1 43	0 30	2 46	23 40	0 15	22 6	0 42	20 29	1 7	14 23	14 33	22 3		n.a.
M14	16 46	15 1	4 32	8 46	3 18	15 33	1 23	14 25	1 29	4 11	1 44	0 31	2 46	23 40	0 15	22 6	0 42	20 29	1 7	14 18	14 32	22 1		n.a.
T 15	16 28	9 58	4 1	8 38	3 26	15 7	1 22	14 36	1 29	4 13	1 44	0 32	2 46	23 40	0 15	22 6	0 42	20 29	1 6	14 15	14 31	21 59		n.a.
W16	16 10	4 31	3 18	8 35	3 33	14 41	1 22	14 46	1 29	4 15	1 44	0 33	2 46	23 40	0 15	22 6	0 42	20 30	1 6	14 12	14 30	21 57		n.a.
T 17	15 52	1s 9	2 26	8 36	3 38	14 15	1 21	14 57	1 29	4 17	1 44	0 34	2 46	23 40	0 15	22 7	0 42	20 30	1 6	14 10	14 29	21 54		n.a.
F 18	15 34	6 52	1 26	8 40	3 42	13 48	1 20	15 8	1 29	4 19	1 44	0 35	2 47	23 41	0 15	22 7	0 42	20 30	1 6	14 9	14 28	21 52		n.a.
S 19	15 15	12 26	0 21	8 49	3 44	13 21	1 19	15 19	1 29	4 21	1 45	0 36	2 47	23 41	0 15	22 7	0 42	20 30	1 6	14 8	14 27	21 50		n.a.
S 20	14 56	17 37	0s46	9 0	3 44	12 54	1 18	15 29	1 29	4 24	1 45	0 37	2 47	23 41	0 15	22 8	0 42	20 30	1 6	14 8	14 26	21 48		n.a.
M21	14 37	22 8	1 53	9 15	3 42	12 26	1 17	15 40	1 29	4 26	1 45	0 39	2 47	23 41	0 15	22 8	0 42	20 31	1 6	14 8	14 25	21 46		n.a.
T 22	14 18	25 37	2 56	9 33	3 39	11 58	1 16	15 50	1 29	4 28	1 45	0 40	2 47	23 41	0 15	22 8	0 42	20 31	1 6	14 8	14 24	21 44		n.a.
W23	13 58	27 39	3 51	9 53	3 34	11 30	1 15	16 1	1 29	4 31	1 45	0 41	2 48	23 42	0 15	22 8	0 42	20 31	1 6	14 7	14 23	21 42		n.a.
T 24	13 38	27 52	4 32	10 16	3 27	11 1	1 14	16 11	1 30	4 33	1 45	0 42	2 48	23 42	0 15	22 9	0 42	20 31	1 6	14 5	14 22	21 40		n.a.
F 25	13 18	26 6	4 57	10 40	3 18	10 33	1 13	16 22	1 30	4 36	1 46	0 44	2 48	23 42	0 15	22 9	0 42	20 31	1 6	14 2	14 21	21 38		n.a.
S 26	12 58	22 27	5 1	11 5	3 8	10 3	1 12	16 32	1 30	4 38	1 46	0 45	2 48	23 42	0 15	22 9	0 42	20 32	1 6	13 58	14 20	21 35		n.a.
S 27	12 38	17 14	4 43	11 32	2 57	9 34	1 10	16 43	1 30	4 41	1 46	0 46	2 48	23 42	0 15	22 9	0 42	20 32	1 6	13 55	14 19	21 33		n.a.
M28	12s17	10s58	4s 6	11s58	2n45	9s 4	1s 9	16n53	1n30	4n44	1n46	0n48	2n49	23s42	0s15	22n10	0n42	20s32	1n 6	13n52	14n18	21n31		n.a.

Julian Day Number = 1283884.5, Delta T = 08h05m34s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'35, Lahiri = -20°29'34 Julian Calendar 1 Feb. 1198 BCE == Greg. Calendar 21 Jan. 1198 BCE

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

MARCH 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 48 49	29♒13'23	26♓56	20°R47	11♓ 4	11♉49	22°R11	4°R21	19♐59	25°R 4	5♐41	6°R15	7♉36	14♌58	n.a.	T 1
W 2	9 52 45	0♓12'10	11♈30	20♒ 6	12°18	12°22	22♍ 4	4♎17	20° 1	25♋ 2	5°41	6♉10	7°32	15° 4	n.a.	W 2
T 3	9 56 42	1°10'53	25°36	19°30	13°32	12°54	21°58	4°14	20° 2	25° 1	5°42	6° 8	7°29	15°11	n.a.	T 3
F 4	10 0 38	2° 9'35	9♉13	18°57	14°46	13°27	21°51	4°11	20° 4	25° 0	5°42	6°D 7	7°26	15°18	n.a.	F 4
S 5	10 4 35	3° 8'14	22°23	18°29	16° 0	14° 0	21°44	4° 7	20° 5	24°59	5°43	6° 8	7°23	15°25	n.a.	S 5
S 6	10 8 31	4° 6'51	5♊ 9	18° 6	17°14	14°33	21°37	4° 4	20° 7	24°57	5°43	6°R 8	7°20	15°31	n.a.	S 6
M 7	10 12 28	5° 5'26	17°36	17°49	18°27	15° 6	21°30	4° 0	20° 8	24°56	5°43	6° 7	7°17	15°38	n.a.	M 7
T 8	10 16 24	6° 3'58	29°47	17°36	19°41	15°38	21°23	3°57	20°10	24°55	5°44	6° 4	7°13	15°45	n.a.	T 8
W 9	10 20 21	7° 2'28	11♋49	17°29	20°55	16°12	21°16	3°53	20°11	24°54	5°44	5°59	7°10	15°52	n.a.	W 9
T 10	10 24 17	8° 0'55	23°44	17°D27	22° 9	16°45	21° 9	3°49	20°13	24°53	5°44	5°52	7° 7	15°58	n.a.	T 10
F 11	10 28 14	8°59'21	5♌36	17°30	23°23	17°18	21° 1	3°45	20°14	24°52	5°45	5°42	7° 4	16° 5	n.a.	F 11
S 12	10 32 11	9°57'44	17°28	17°38	24°37	17°51	20°54	3°42	20°15	24°50	5°45	5°32	7° 1	16°12	n.a.	S 12
S 13	10 36 7	10°56'05	29°22	17°51	25°50	18°24	20°47	3°38	20°16	24°49	5°45	5°21	6°58	16°18	n.a.	S 13
M14	10 40 4	11°54'24	11♍19	18° 9	27° 4	18°58	20°39	3°34	20°18	24°48	5°45	5°11	6°54	16°25	n.a.	M14
T 15	10 44 0	12°52'41	23°21	18°31	28°18	19°31	20°32	3°30	20°19	24°47	5°45	5° 3	6°51	16°32	n.a.	T 15
W16	10 47 57	13°50'56	5♎29	18°58	29°32	20° 5	20°24	3°26	20°20	24°46	5°45	4°57	6°48	16°39	n.a.	W16
T 17	10 51 53	14°49'10	17°45	19°29	0♈45	20°38	20°17	3°22	20°21	24°45	5°45	4°53	6°45	16°45	n.a.	T 17
F 18	10 55 50	15°47'21	0♏11	20° 4	1°59	21°12	20° 9	3°18	20°22	24°45	5°46	4°D51	6°42	16°52	n.a.	F 18
S 19	10 59 46	16°45'31	12°49	20°43	3°12	21°46	20° 1	3°13	20°23	24°44	5°R46	4°52	6°38	16°59	n.a.	S 19
S 20	11 3 43	17°43'39	25°43	21°26	4°26	22°19	19°54	3° 9	20°24	24°43	5°46	4°53	6°35	17° 5	n.a.	S 20
M21	11 7 39	18°41'46	8♐55	22°13	5°40	22°53	19°46	3° 5	20°24	24°42	5°45	4°54	6°32	17°12	n.a.	M21
T 22	11 11 36	19°39'51	22°27	23° 3	6°53	23°27	19°38	3° 1	20°25	24°41	5°45	4°R54	6°29	17°19	n.a.	T 22
W23	11 15 33	20°37'55	6♑23	23°56	8° 7	24° 1	19°31	2°57	20°26	24°40	5°45	4°53	6°26	17°26	n.a.	W23
T 24	11 19 29	21°35'58	20°41	24°52	9°20	24°35	19°23	2°52	20°27	24°40	5°45	4°50	6°23	17°32	n.a.	T 24
F 25	11 23 26	22°33'58	5♒19	25°51	10°34	25° 9	19°15	2°48	20°27	24°39	5°45	4°46	6°19	17°39	n.a.	F 25
S 26	11 27 22	23°31'57	20°13	26°54	11°47	25°43	19° 8	2°44	20°28	24°38	5°45	4°40	6°16	17°46	n.a.	S 26
S 27	11 31 19	24°29'55	5♓15	27°59	13° 0	26°17	19° 0	2°39	20°28	24°37	5°45	4°34	6°13	17°53	n.a.	S 27
M28	11 35 15	25°27'51	20°16	29° 6	14°14	26°51	18°53	2°35	20°29	24°37	5°44	4°28	6°10	17°59	n.a.	M28
T 29	11 39 12	26°25'45	5♈ 6	0♓17	15°27	27°26	18°45	2°30	20°29	24°36	5°44	4°24	6° 7	18° 6	n.a.	T 29
W30	11 43 8	27°23'38	19°38	1°30	16°41	28° 0	18°38	2°26	20°30	24°36	5°44	4°22	6° 3	18°13	n.a.	W30
T 31	11 47 5	28♓21'29	3♉46	2♓45	17♈54	28♉34	18♍30	2♎22	20♐30	24♋35	5♐44	4°D21	6♉ 0	18♌19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s56	4s10	3s12	12s25	2n31	8s34	1s 7	17n 3	1n30	4n46	1n46	0n49	2n49	23s43	0s15	22n10	0n42	20s32	1n 6	13n49	14n16	21n29			n.a.
W 2	11 35	2n41	2 7	12 52	2 17	8 4	1 6	17 14	1 30	4 49	1 46	0 51	2 49	23 43	0 15	22 10	0 42	20 32	1 6	13 48	14 15	21 27			n.a.
T 3	11 14	9 12	0 56	13 17	2 2	7 34	1 4	17 24	1 30	4 52	1 46	0 52	2 49	23 43	0 15	22 10	0 42	20 32	1 5	13 47	14 14	21 25			n.a.
F 4	10 53	15 4	0n17	13 42	1 47	7 4	1 3	17 34	1 30	4 55	1 46	0 54	2 49	23 43	0 15	22 11	0 42	20 33	1 5	13 47	14 13	21 22			n.a.
S 5	10 31	20 3	1 26	14 5	1 31	6 33	1 1	17 44	1 30	4 57	1 47	0 55	2 49	23 43	0 15	22 11	0 42	20 33	1 5	13 47	14 12	21 20			n.a.
S 6	10 10	23 57	2 28	14 27	1 16	6 2	0 59	17 54	1 30	5 0	1 47	0 57	2 50	23 43	0 15	22 11	0 42	20 33	1 5	13 47	14 11	21 18			n.a.
M 7	9 48	26 36	3 22	14 48	1 0	5 31	0 58	18 4	1 30	5 3	1 47	0 58	2 50	23 43	0 15	22 11	0 42	20 33	1 5	13 47	14 10	21 16			n.a.
T 8	9 26	27 56	4 6	15 6	0 45	5 0	0 56	18 14	1 30	5 6	1 47	1 0	2 50	23 43	0 15	22 11	0 42	20 33	1 5	13 46	14 9	21 14			n.a.
W 9	9 4	27 55	4 38	15 23	0 29	4 29	0 54	18 24	1 30	5 9	1 47	1 1	2 50	23 44	0 16	22 12	0 42	20 33	1 5	13 44	14 8	21 11			n.a.
T 10	8 42	26 36	4 57	15 38	0 14	3 57	0 52	18 33	1 30	5 12	1 47	1 3	2 50	23 44	0 16	22 12	0 42	20 33	1 5	13 42	14 7	21 9			n.a.
F 11	8 20	24 5	5 4	15 51	0s 0	3 26	0 50	18 43	1 30	5 15	1 47	1 5	2 50	23 44	0 16	22 12	0 42	20 33	1 5	13 39	14 6	21 7			n.a.
S 12	7 58	20 34	4 58	16 2	0 14	2 55	0 48	18 53	1 30	5 18	1 47	1 6	2 50	23 44	0 16	22 12	0 42	20 34	1 5	13 35	14 5	21 5			n.a.
S 13	7 35	16 13	4 38	16 10	0 28	2 23	0 46	19 2	1 30	5 21	1 47	1 8	2 50	23 44	0 16	22 12	0 42	20 34	1 5	13 31	14 4	21 3			n.a.
M14	7 13	11 14	4 7	16 17	0 41	1 51	0 44	19 11	1 30	5 24	1 47	1 10	2 51	23 44	0 16	22 13	0 42	20 34	1 5	13 28	14 3	21 0			n.a.
T 15	6 50	5 47	3 24	16 22	0 53	1 20	0 42	19 21	1 30	5 27	1 47	1 11	2 51	23 44	0 16	22 13	0 42	20 34	1 5	13 25	14 2	20 58			n.a.
W16	6 27	0 5	2 31	16 25	1 5	0 48	0 40	19 30	1 30	5 30	1 47	1 13	2 51	23 44	0 16	22 13	0 42	20 34	1 5	13 23	14 1	20 56			n.a.
T 17	6 5	5s41	1 31	16 25	1 16	0 16	0 38	19 39	1 30	5 33	1 47	1 15	2 51	23 45	0 16	22 13	0 42	20 34	1 5	13 22	14 0	20 54			n.a.
F 18	5 42	11 20	0 25	16 24	1 26	0n16	0 35	19 48	1 30	5 36	1 47	1 17	2 51	23 45	0 16	22 13	0 42	20 34	1 4	13 21	13 59	20 51			n.a.
S 19	5 19	16 38	0s43	16 20	1 36	0 48	0 33	19 57	1 30	5 39	1 47	1 18	2 51	23 45	0 16	22 13	0 42	20 34	1 4	13 21	13 57	20 49			n.a.
S 20	4 56	21 17	1 50	16 15	1 45	1 19	0 31	20 6	1 30	5 42	1 47	1 20	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 22	13 56	20 47			n.a.
M21	4 33	25 0	2 53	16 7	1 53	1 51	0 28	20 15	1 30	5 45	1 47	1 22	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 22	13 55	20 44			n.a.
T 22	4 10	27 25	3 48	15 58	2 1	2 23	0 26	20 24	1 30	5 48	1 47	1 24	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 22	13 54	20 42			n.a.
W23	3 46	28 12	4 32	15 47	2 8	2 54	0 24	20 32	1 30	5 51	1 47	1 25	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 22	13 53	20 40			n.a.
T 24	3 23	27 9	5 0	15 34	2 15	3 26	0 21	20 41	1 30	5 54	1 47	1 27	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 21	13 52	20 38			n.a.
F 25	3 0	24 14	5 9	15 19	2 21	3 58	0 19	20 49	1 30	5 58	1 47	1 29	2 51	23 45	0 16	22 14	0 42	20 34	1 4	13 19	13 51	20 35			n.a.
S 26	2 37	19 41	4 58	15 2	2 26	4 29	0 16	20 58	1 30	6 1	1 47	1 31	2 52	23 45	0 16	22 14	0 42	20 34	1 4	13 17	13 50	20 33			n.a.
S 27	2 13	13 51	4 26	14 43	2 30	5 0	0 14	21 6	1 30	6 3	1 47	1 33	2 52	23 45	0 16	22 15	0 42	20 34	1 4	13 15	13 49	20 31			n.a.
M28	1 50	7 13	3 36	14 22	2 34	5 32	0 11	21 14	1 30	6 6	1 47	1 34	2 52	23 45	0 16	22 15	0 42	20 34	1 4	13 13	13 48	20 28			n.a.
T 29	1 27	0 16	2 32	14 0	2 37	6 3	0 9	21 22	1 30	6 9	1 47	1 36	2 52	23 45	0 16	22 15	0 42	20 35	1 4	13 12	13 47	20 26			n.a.
W30	1 3	6n35	1 19	13 36	2 40	6 34	0 6	21 30	1 29	6 12	1 47	1 38	2 52	23 45	0 16	22 15	0 42	20 35	1 4	13 11	13 46	20 24			n.a.
T 31	0s40	12n56	0s 3	13s10	2s41	7n 5	0s 4	21n38	1n29	6n15	1n47	1n40	2n52	23s45	0s16	22n15	0n42	20s35	1n 4	13n11	13n45	20n21			n.a.

Julian Day Number = 1283912.5, Delta T = 08h05m33s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'31, Lahiri = -20°29'31 Julian Calendar 1 March 1198 BCE == Greg. Calendar 18 Feb. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

APRIL 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 51 2	29♓19'17	17♉28	4♓ 3	19♈ 7	29♉ 9	18°R23	2°R17	20♐30	24°R35	5°R43	4♉21	5♉57	18♌26	n.a.	F 1
S 2	11 54 58	0♈17'05	0♊44	5°23	20°20	29°43	18♍15	2♎13	20°30	24♋34	5♐43	4°23	5°54	18°33	n.a.	S 2
S 3	11 58 55	1°14'50	13°35	6°46	21°34	0♊18	18° 8	2° 8	20°31	24°34	5°42	4°24	5°51	18°40	n.a.	S 3
M 4	12 2 51	2°12'34	26° 6	8°10	22°47	0°53	18° 1	2° 4	20°31	24°33	5°42	4°25	5°48	18°46	n.a.	M 4
T 5	12 6 48	3°10'16	8♋20	9°37	24° 0	1°27	17°53	1°59	20°31	24°33	5°41	4°R25	5°44	18°53	n.a.	T 5
W 6	12 10 44	4° 7'56	20°23	11° 6	25°13	2° 2	17°46	1°55	20°R31	24°32	5°41	4°24	5°41	19° 0	n.a.	W 6
T 7	12 14 41	5° 5'34	2♌18	12°38	26°26	2°37	17°39	1°51	20°31	24°32	5°40	4°21	5°38	19° 6	n.a.	T 7
F 8	12 18 37	6° 3'11	14°10	14°11	27°39	3°11	17°32	1°46	20°31	24°32	5°40	4°18	5°35	19°13	n.a.	F 8
S 9	12 22 34	7° 0'46	26° 3	15°47	28°52	3°46	17°25	1°42	20°31	24°32	5°39	4°13	5°32	19°20	n.a.	S 9
S 10	12 26 31	7°58'19	7♍59	17°25	0♉ 5	4°21	17°19	1°37	20°31	24°31	5°39	4° 9	5°29	19°27	n.a.	S 10
M11	12 30 27	8°55'51	20° 2	19° 5	1°18	4°56	17°12	1°33	20°30	24°31	5°38	4° 5	5°25	19°33	n.a.	M11
T 12	12 34 24	9°53'22	2♎12	20°47	2°31	5°31	17° 5	1°29	20°30	24°31	5°37	4° 1	5°22	19°40	n.a.	T 12
W13	12 38 20	10°50'51	14°33	22°31	3°44	6° 6	16°59	1°24	20°30	24°31	5°37	3°59	5°19	19°47	n.a.	W13
T 14	12 42 17	11°48'19	27° 4	24°18	4°57	6°41	16°52	1°20	20°29	24°31	5°36	3°58	5°16	19°54	n.a.	T 14
F 15	12 46 13	12°45'45	9♏48	26° 6	6°10	7°16	16°46	1°16	20°29	24°31	5°35	3°D58	5°13	20° 0	n.a.	F 15
S 16	12 50 10	13°43'11	22°44	27°57	7°23	7°51	16°40	1°11	20°29	24°31	5°35	3°59	5° 9	20° 7	n.a.	S 16
S 17	12 54 6	14°40'36	5♐53	29°50	8°35	8°27	16°34	1° 7	20°28	24°D31	5°34	4° 0	5° 6	20°14	n.a.	S 17
M18	12 58 3	15°38'00	19°17	1♈45	9°48	9° 2	16°28	1° 3	20°27	24°31	5°33	4° 1	5° 3	20°20	n.a.	M18
T 19	13 1 59	16°35'23	2♑57	3°42	11° 1	9°37	16°22	0°59	20°27	24°31	5°32	4° 2	5° 0	20°27	n.a.	T 19
W20	13 5 56	17°32'45	16°52	5°41	12°13	10°12	16°17	0°54	20°26	24°31	5°31	4°R 3	4°57	20°34	n.a.	W20
T 21	13 9 53	18°30'06	1♒ 1	7°42	13°26	10°48	16°11	0°50	20°26	24°31	5°30	4° 2	4°54	20°41	n.a.	T 21
F 22	13 13 49	19°27'27	15°24	9°44	14°39	11°23	16° 6	0°46	20°25	24°31	5°30	4° 1	4°50	20°47	n.a.	F 22
S 23	13 17 46	20°24'47	29°56	11°49	15°51	11°59	16° 0	0°42	20°24	24°31	5°29	4° 0	4°47	20°54	n.a.	S 23
S 24	13 21 42	21°22'06	14♓33	13°55	17° 4	12°34	15°55	0°38	20°23	24°31	5°28	3°58	4°44	21° 1	n.a.	S 24
M25	13 25 39	22°19'24	29° 9	16° 2	18°16	13°10	15°50	0°34	20°22	24°32	5°27	3°57	4°41	21° 7	n.a.	M25
T 26	13 29 35	23°16'42	13♈38	18°11	19°29	13°45	15°45	0°30	20°21	24°32	5°26	3°56	4°38	21°14	n.a.	T 26
W27	13 33 32	24°13'58	27°54	20°21	20°41	14°21	15°41	0°26	20°20	24°32	5°25	3°D56	4°35	21°21	n.a.	W27
T 28	13 37 29	25°11'14	11♉52	22°32	21°54	14°56	15°36	0°22	20°19	24°33	5°24	3°56	4°31	21°28	n.a.	T 28
F 29	13 41 25	26° 8'29	25°29	24°43	23° 6	15°32	15°32	0°19	20°18	24°33	5°23	3°56	4°28	21°34	n.a.	F 29
S 30	13 45 22	27♈ 5'43	8♊43	26♈55	24♉19	16♊ 8	15♍28	0♎15	20♐17	24♋33	5♐22	3♉57	4♉25	21♌41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s16	18n28	1n11	12s42	2s43	7n35	0s 1	21n45	1n29	6n18	1n47	1n42	2n52	23s46	0s16	22n15	0n42	20s35	1n 4	13n11	13n44	20n19		n.a.
S 2	0n 7	22 54	2 19	12 13	2 43	8 6	0n 2	21 53	1 29	6 21	1 47	1 43	2 52	23 46	0 16	22 15	0 42	20 35	1 4	13 12	13 43	20 17		n.a.
S 3	0 30	26 5	3 18	11 42	2 43	8 36	0 4	22 0	1 29	6 24	1 46	1 45	2 52	23 46	0 16	22 15	0 42	20 35	1 3	13 12	13 41	20 14		n.a.
M 4	0 54	27 52	4 5	11 9	2 43	9 6	0 7	22 8	1 29	6 27	1 46	1 47	2 52	23 46	0 16	22 15	0 42	20 35	1 3	13 12	13 40	20 12		n.a.
T 5	1 17	28 14	4 41	10 35	2 42	9 36	0 9	22 15	1 29	6 29	1 46	1 49	2 52	23 46	0 16	22 15	0 42	20 34	1 3	13 12	13 39	20 10		n.a.
W 6	1 40	27 15	5 3	9 59	2 40	10 6	0 12	22 22	1 29	6 32	1 46	1 51	2 52	23 46	0 16	22 15	0 42	20 34	1 3	13 12	13 38	20 7		n.a.
T 7	2 3	25 2	5 12	9 21	2 37	10 36	0 15	22 29	1 29	6 35	1 46	1 52	2 52	23 46	0 16	22 15	0 42	20 34	1 3	13 11	13 37	20 5		n.a.
F 8	2 27	21 45	5 8	8 41	2 35	11 5	0 17	22 36	1 29	6 37	1 46	1 54	2 52	23 46	0 16	22 15	0 42	20 34	1 3	13 10	13 36	20 3		n.a.
S 9	2 50	17 35	4 50	8 0	2 31	11 34	0 20	22 42	1 29	6 40	1 46	1 56	2 52	23 46	0 16	22 16	0 42	20 34	1 3	13 8	13 35	20 0		n.a.
S 10	3 13	12 43	4 20	7 18	2 27	12 2	0 23	22 49	1 29	6 42	1 46	1 58	2 52	23 46	0 16	22 16	0 42	20 34	1 3	13 7	13 34	19 58		n.a.
M11	3 36	7 21	3 38	6 34	2 22	12 31	0 25	22 55	1 28	6 45	1 45	1 59	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 5	13 33	19 55		n.a.
T 12	3 59	1 38	2 46	5 48	2 17	12 59	0 28	23 2	1 28	6 47	1 45	2 1	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 4	13 32	19 53		n.a.
W13	4 22	4s13	1 45	5 1	2 11	13 27	0 30	23 8	1 28	6 50	1 45	2 3	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 3	13 31	19 51		n.a.
T 14	4 45	10 1	0 38	4 12	2 5	13 54	0 33	23 14	1 28	6 52	1 45	2 4	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 3	13 30	19 48		n.a.
F 15	5 7	15 30	0s32	3 22	1 58	14 21	0 36	23 20	1 28	6 55	1 45	2 6	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 3	13 29	19 46		n.a.
S 16	5 30	20 24	1 42	2 31	1 51	14 48	0 38	23 26	1 28	6 57	1 44	2 8	2 51	23 46	0 16	22 16	0 42	20 34	1 3	13 3	13 27	19 43		n.a.
S 17	5 53	24 23	2 47	1 38	1 43	15 15	0 41	23 31	1 28	6 59	1 44	2 9	2 51	23 46	0 16	22 16	0 42	20 34	1 2	13 4	13 26	19 41		n.a.
M18	6 15	27 8	3 44	0 44	1 34	15 41	0 43	23 37	1 28	7 1	1 44	2 11	2 51	23 46	0 16	22 16	0 42	20 34	1 2	13 4	13 25	19 39		n.a.
T 19	6 38	28 19	4 30	0n11	1 26	16 6	0 46	23 42	1 28	7 3	1 44	2 13	2 51	23 46	0 16	22 16	0 42	20 34	1 2	13 5	13 24	19 36		n.a.
W20	7 0	27 44	5 2	1 7	1 17	16 32	0 48	23 48	1 27	7 5	1 44	2 14	2 51	23 46	0 16	22 16	0 42	20 34	1 2	13 5	13 23	19 34		n.a.
T 21	7 22	25 23	5 15	2 5	1 7	16 57	0 51	23 53	1 27	7 7	1 43	2 16	2 51	23 46	0 16	22 16	0 42	20 34	1 2	13 5	13 22	19 31		n.a.
F 22	7 44	21 24	5 9	3 3	0 57	17 21	0 53	23 58	1 27	7 9	1 43	2 17	2 51	23 46	0 16	22 15	0 42	20 34	1 2	13 4	13 21	19 29		n.a.
S 23	8 6	16 6	4 44	4 2	0 47	17 45	0 56	24 2	1 27	7 11	1 43	2 19	2 51	23 46	0 16	22 15	0 42	20 33	1 2	13 4	13 20	19 26		n.a.
S 24	8 28	9 51	4 0	5 1	0 37	18 9	0 58	24 7	1 27	7 13	1 43	2 20	2 50	23 46	0 17	22 15	0 42	20 33	1 2	13 3	13 19	19 24		n.a.
M25	8 50	3 6	3 1	6 0	0 26	18 32	1 1	24 11	1 27	7 15	1 43	2 22	2 50	23 45	0 17	22 15	0 42	20 33	1 2	13 3	13 18	19 21		n.a.
T 26	9 11	3n47	1 50	7 0	0 16	18 54	1 3	24 16	1 27	7 16	1 42	2 23	2 50	23 45	0 17	22 15	0 42	20 33	1 2	13 2	13 17	19 19		n.a.
W27	9 33	10 23	0 33	8 0	0 5	19 16	1 6	24 20	1 26	7 18	1 42	2 25	2 50	23 45	0 17	22 15	0 42	20 33	1 2	13 2	13 16	19 16		n.a.
T 28	9 54	16 21	0n44	9 0	0n 5	19 38	1 8	24 24	1 26	7 20	1 42	2 26	2 50	23 45	0 17	22 15	0 42	20 33	1 2	13 2	13 14	19 14		n.a.
F 29	10 15	21 20	1 57	9 59	0 16	19 59	1 10	24 28	1 26	7 21	1 42	2 28	2 50	23 45	0 17	22 15	0 42	20 33	1 2	13 2	13 13	19 11		n.a.
S 30	10n36	25n 6	3n 1	10n57	0n26	20n20	1n12	24n32	1n26	7n23	1n41	2n29	2n50	23s45	0s17	22n15	0n42	20s33	1n 1	13n 3	13n12	19n 9		n.a.

Julian Day Number = 1283943.5, Delta T = 08h05m31s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'27, Lahiri = -20°29'26 Julian Calendar 1 Apr. 1198 BCE == Greg. Calendar 21 March 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

MAY 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 49 18	28♈ 2'57	21♊36	29♈ 6	25♉31	16♊44	15°R23	0°R11	20°R16	24♋34	5°R20	3♉57	4♉22	21♌48	n.a.	S 1
M 2	13 53 15	29° 0'09	4♋10	1♉18	26°43	17°19	15♍20	0♎ 8	20♐15	24°34	5♐19	3°58	4°19	21°54	n.a.	M 2
T 3	13 57 11	29°57'20	16°27	3°29	27°55	17°55	15°16	0° 4	20°14	24°35	5°18	3°58	4°15	22° 1	n.a.	T 3
W 4	14 1 8	0♉54'30	28°31	5°39	29° 8	18°31	15°12	0° 1	20°13	24°35	5°17	3°R58	4°12	22° 8	n.a.	W 4
T 5	14 5 4	1°51'40	10♌28	7°48	0♊20	19° 7	15° 9	29♍57	20°11	24°36	5°16	3°58	4° 9	22°15	n.a.	T 5
F 6	14 9 1	2°48'48	22°21	9°56	1°32	19°43	15° 6	29°54	20°10	24°36	5°15	3°58	4° 6	22°21	n.a.	F 6
S 7	14 12 58	3°45'56	4♍15	12° 3	2°44	20°19	15° 3	29°50	20° 8	24°37	5°14	3°D58	4° 3	22°28	n.a.	S 7
S 8	14 16 54	4°43'03	16°14	14° 8	3°56	20°55	15° 0	29°47	20° 7	24°38	5°12	3°58	4° 0	22°35	n.a.	S 8
M 9	14 20 51	5°40'09	28°21	16°12	5° 8	21°31	14°57	29°44	20° 6	24°38	5°11	3°58	3°56	22°41	n.a.	M 9
T 10	14 24 47	6°37'15	10♎41	18°13	6°20	22° 7	14°54	29°41	20° 4	24°39	5°10	3°58	3°53	22°48	n.a.	T 10
W11	14 28 44	7°34'20	23°14	20°13	7°32	22°43	14°52	29°38	20° 3	24°40	5° 9	3°59	3°50	22°55	n.a.	W11
T 12	14 32 40	8°31'25	6♏ 2	22°10	8°44	23°20	14°50	29°35	20° 1	24°41	5° 7	3°R59	3°47	23° 2	n.a.	T 12
F 13	14 36 37	9°28'29	19° 6	24° 6	9°56	23°56	14°48	29°32	19°59	24°41	5° 6	3°58	3°44	23° 8	n.a.	F 13
S 14	14 40 33	10°25'33	2♐26	25°59	11° 7	24°32	14°46	29°29	19°58	24°42	5° 5	3°58	3°40	23°15	n.a.	S 14
S 15	14 44 30	11°22'37	16° 0	27°50	12°19	25° 8	14°44	29°26	19°56	24°43	5° 4	3°57	3°37	23°22	n.a.	S 15
M16	14 48 27	12°19'41	29°46	29°39	13°31	25°45	14°43	29°24	19°54	24°44	5° 2	3°56	3°34	23°28	n.a.	M16
T 17	14 52 23	13°16'45	13♑42	1♊26	14°43	26°21	14°42	29°21	19°53	24°45	5° 1	3°55	3°31	23°35	n.a.	T 17
W18	14 56 20	14°13'49	27°48	3°10	15°54	26°58	14°41	29°19	19°51	24°46	5° 0	3°55	3°28	23°42	n.a.	W18
T 19	15 0 16	15°10'53	11♒59	4°52	17° 6	27°34	14°40	29°16	19°49	24°47	4°58	3°D54	3°25	23°49	n.a.	T 19
F 20	15 4 13	16° 7'57	26°13	6°32	18°17	28°10	14°39	29°14	19°47	24°48	4°57	3°54	3°21	23°55	n.a.	F 20
S 21	15 8 9	17° 5'02	10♓29	8°10	19°29	28°47	14°38	29°12	19°45	24°49	4°55	3°55	3°18	24° 2	n.a.	S 21
S 22	15 12 6	18° 2'06	24°42	9°46	20°40	29°24	14°38	29° 9	19°43	24°50	4°54	3°56	3°15	24° 9	n.a.	S 22
M23	15 16 3	18°59'11	8♈52	11°19	21°52	0♋ 0	14°38	29° 7	19°41	24°51	4°53	3°57	3°12	24°15	n.a.	M23
T 24	15 19 59	19°56'16	22°53	12°50	23° 3	0°37	14°D38	29° 5	19°40	24°52	4°51	3°58	3° 9	24°22	n.a.	T 24
W25	15 23 56	20°53'21	6♉44	14°18	24°14	1°13	14°38	29° 3	19°38	24°54	4°50	3°R58	3° 6	24°29	n.a.	W25
T 26	15 27 52	21°50'27	20°22	15°45	25°26	1°50	14°38	29° 2	19°36	24°55	4°48	3°57	3° 2	24°36	n.a.	T 26
F 27	15 31 49	22°47'33	3♊44	17° 8	26°37	2°27	14°39	29° 0	19°33	24°56	4°47	3°56	2°59	24°42	n.a.	F 27
S 28	15 35 45	23°44'38	16°49	18°30	27°48	3° 4	14°39	28°58	19°31	24°57	4°45	3°54	2°56	24°49	n.a.	S 28
S 29	15 39 42	24°41'44	29°36	19°49	28°59	3°41	14°40	28°57	19°29	24°59	4°44	3°51	2°53	24°56	n.a.	S 29
M30	15 43 38	25°38'50	12♋ 7	21° 6	0♋10	4°17	14°41	28°55	19°27	25° 0	4°43	3°47	2°50	25° 2	n.a.	M30
T 31	15 47 35	26♉35'57	24♋24	22♊20	1♋21	4♋54	14♍43	28♍54	19♐25	25♋ 1	4♐41	3♉44	2♉46	25♌ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	10n57	27n28	3n54	11n54	0n36	20n40	1n15	24n35	1n26	7n24	1n41	2n30	2n49	23s45	0s17	22n15	0n42	20s33	1n 1	13n 3	13n11	19n 6			n.a.
M 2	11 18	28 21	4 35	12 50	0 46	20 59	1 17	24 39	1 26	7 25	1 41	2 32	2 49	23 45	0 17	22 15	0 41	20 32	1 1	13 3	13 10	19 4			n.a.
T 3	11 39	27 48	5 2	13 45	0 56	21 18	1 19	24 42	1 26	7 26	1 40	2 33	2 49	23 45	0 17	22 15	0 41	20 32	1 1	13 3	13 9	19 1			n.a.
W 4	11 59	25 56	5 15	14 38	1 5	21 37	1 21	24 45	1 25	7 28	1 40	2 34	2 49	23 45	0 17	22 15	0 41	20 32	1 1	13 3	13 8	18 59			n.a.
T 5	12 19	22 57	5 15	15 30	1 13	21 55	1 23	24 48	1 25	7 29	1 40	2 36	2 49	23 45	0 17	22 14	0 41	20 32	1 1	13 3	13 7	18 56			n.a.
F 6	12 39	19 1	5 1	16 19	1 21	22 12	1 25	24 51	1 25	7 30	1 40	2 37	2 49	23 45	0 17	22 14	0 41	20 32	1 1	13 3	13 6	18 54			n.a.
S 7	12 59	14 21	4 34	17 6	1 28	22 28	1 27	24 53	1 25	7 31	1 39	2 38	2 48	23 45	0 17	22 14	0 41	20 32	1 1	13 3	13 5	18 51			n.a.
S 8	13 18	9 7	3 55	17 52	1 35	22 44	1 29	24 56	1 25	7 31	1 39	2 39	2 48	23 45	0 17	22 14	0 41	20 32	1 1	13 3	13 4	18 49			n.a.
M 9	13 38	3 29	3 5	18 34	1 41	23 0	1 31	24 58	1 25	7 32	1 39	2 40	2 48	23 45	0 17	22 14	0 41	20 32	1 1	13 3	13 2	18 46			n.a.
T 10	13 57	2s23	2 6	19 15	1 47	23 15	1 32	25 0	1 24	7 33	1 38	2 41	2 48	23 44	0 17	22 14	0 41	20 31	1 1	13 3	13 1	18 44			n.a.
W11	14 16	8 16	0 59	19 53	1 52	23 29	1 34	25 2	1 24	7 34	1 38	2 42	2 48	23 44	0 17	22 14	0 41	20 31	1 1	13 3	13 0	18 41			n.a.
T 12	14 35	13 56	0s11	20 29	1 56	23 42	1 36	25 4	1 24	7 34	1 38	2 43	2 48	23 44	0 17	22 13	0 41	20 31	1 1	13 3	12 59	18 39			n.a.
F 13	14 53	19 7	1 23	21 2	1 59	23 55	1 37	25 6	1 24	7 35	1 38	2 44	2 47	23 44	0 17	22 13	0 41	20 31	1 0	13 3	12 58	18 36			n.a.
S 14	15 12	23 28	2 31	21 33	2 2	24 7	1 39	25 7	1 24	7 35	1 37	2 45	2 47	23 44	0 17	22 13	0 41	20 31	1 0	13 3	12 57	18 34			n.a.
S 15	15 30	26 36	3 32	22 1	2 4	24 18	1 40	25 8	1 23	7 36	1 37	2 46	2 47	23 44	0 17	22 13	0 41	20 31	1 0	13 3	12 56	18 31			n.a.
M16	15 48	28 12	4 22	22 27	2 5	24 29	1 42	25 9	1 23	7 36	1 37	2 47	2 47	23 44	0 17	22 13	0 41	20 31	1 0	13 2	12 55	18 28			n.a.
T 17	16 5	28 2	4 57	22 50	2 6	24 39	1 43	25 10	1 23	7 36	1 36	2 48	2 47	23 44	0 17	22 13	0 41	20 30	1 0	13 2	12 54	18 26			n.a.
W18	16 22	26 5	5 14	23 12	2 6	24 49	1 44	25 11	1 23	7 36	1 36	2 49	2 46	23 44	0 17	22 12	0 41	20 30	1 0	13 2	12 53	18 23			n.a.
T 19	16 40	22 29	5 13	23 31	2 5	24 57	1 46	25 12	1 23	7 36	1 36	2 50	2 46	23 43	0 17	22 12	0 41	20 30	1 0	13 2	12 52	18 21			n.a.
F 20	16 56	17 33	4 53	23 48	2 4	25 5	1 47	25 12	1 22	7 36	1 35	2 50	2 46	23 43	0 17	22 12	0 41	20 30	1 0	13 2	12 50	18 18			n.a.
S 21	17 13	11 40	4 14	24 2	2 2	25 12	1 48	25 12	1 22	7 36	1 35	2 51	2 46	23 43	0 17	22 12	0 41	20 30	1 0	13 2	12 49	18 15			n.a.
S 22	17 29	5 11	3 20	24 15	1 59	25 19	1 49	25 12	1 22	7 36	1 35	2 52	2 45	23 43	0 17	22 12	0 41	20 30	1 0	13 2	12 48	18 13			n.a.
M23	17 45	1n31	2 14	24 25	1 56	25 25	1 50	25 12	1 22	7 36	1 35	2 52	2 45	23 43	0 17	22 11	0 41	20 29	1 0	13 3	12 47	18 10			n.a.
T 24	18 1	8 6	1 1	24 34	1 52	25 30	1 51	25 12	1 22	7 36	1 34	2 53	2 45	23 43	0 17	22 11	0 41	20 29	0 59	13 3	12 46	18 8			n.a.
W25	18 17	14 14	0n15	24 41	1 47	25 34	1 51	25 11	1 21	7 35	1 34	2 54	2 45	23 43	0 17	22 11	0 41	20 29	0 59	13 3	12 45	18 5			n.a.
T 26	18 32	19 34	1 29	24 46	1 42	25 37	1 52	25 11	1 21	7 35	1 34	2 54	2 44	23 42	0 17	22 11	0 41	20 29	0 59	13 3	12 44	18 2			n.a.
F 27	18 47	23 49	2 37	24 49	1 37	25 40	1 53	25 10	1 21	7 34	1 33	2 55	2 44	23 42	0 17	22 11	0 41	20 29	0 59	13 2	12 43	18 0			n.a.
S 28	19 1	26 44	3 34	24 50	1 31	25 42	1 53	25 9	1 21	7 34	1 33	2 55	2 44	23 42	0 17	22 10	0 41	20 29	0 59	13 2	12 42	17 57			n.a.
S 29	19 16	28 10	4 20	24 50	1 24	25 44	1 54	25 8	1 21	7 33	1 33	2 55	2 44	23 42	0 17	22 10	0 41	20 28	0 59	13 0	12 40	17 55			n.a.
M30	19 30	28 7	4 52	24 48	1 16	25 44	1 54	25 6	1 20	7 33	1 32	2 56	2 44	23 42	0 17	22 10	0 41	20 28	0 59	12 59	12 39	17 52			n.a.
T 31	19n43	26n40	5n10	24n45	1n 9	25n44	1n54	25n 5	1n20	7n32	1n32	2n56	2n43	23s42	0s17	22n10	0n41	20s28	0n59	12n58	12n38	17n49			n.a.

Julian Day Number = 1283973.5, Delta T = 08h05m29s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'23, Lahiri = -20°29'22 Julian Calendar 1 May 1198 BCE == Greg. Calendar 20 Apr. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

JUNE 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 51 32	27♉33'03	6♌28	23♊31	2♋32	5♋31	14♍44	28°R52	19°R23	25♋ 3	4°R40	3°R42	2♉43	25♌16	n.a.	W 1
T 2	15 55 28	28°30'09	18°25	24°40	3°43	6° 8	14°46	28♍51	19♐21	25° 4	4♐38	3♉40	2°40	25°23	n.a.	T 2
F 3	15 59 25	29°27'15	0♍18	25°46	4°54	6°45	14°47	28°50	19°19	25° 5	4°37	3°D40	2°37	25°29	n.a.	F 3
S 4	16 3 21	0♊24'21	12°11	26°49	6° 5	7°22	14°49	28°49	19°16	25° 7	4°35	3°41	2°34	25°36	n.a.	S 4
S 5	16 7 18	1°21'28	24°11	27°49	7°16	7°59	14°51	28°48	19°14	25° 8	4°34	3°42	2°31	25°43	n.a.	S 5
M 6	16 11 14	2°18'34	6♎21	28°47	8°26	8°37	14°54	28°47	19°12	25°10	4°32	3°44	2°27	25°49	n.a.	M 6
T 7	16 15 11	3°15'41	18°45	29°41	9°37	9°14	14°56	28°46	19°10	25°11	4°31	3°45	2°24	25°56	n.a.	T 7
W 8	16 19 8	4°12'49	1♏28	0♋32	10°48	9°51	14°59	28°46	19° 7	25°13	4°29	3°R46	2°21	26° 3	n.a.	W 8
T 9	16 23 4	5° 9'56	14°30	1°19	11°58	10°28	15° 2	28°45	19° 5	25°14	4°28	3°45	2°18	26°10	n.a.	T 9
F 10	16 27 1	6° 7'05	27°54	2° 3	13° 8	11° 5	15° 5	28°45	19° 3	25°16	4°26	3°43	2°15	26°16	n.a.	F 10
S 11	16 30 57	7° 4'14	11♐37	2°43	14°19	11°43	15° 8	28°44	19° 0	25°17	4°25	3°40	2°12	26°23	n.a.	S 11
S 12	16 34 54	8° 1'23	25°37	3°20	15°29	12°20	15°11	28°44	18°58	25°19	4°23	3°36	2° 8	26°30	n.a.	S 12
M13	16 38 50	8°58'34	9♑51	3°52	16°39	12°57	15°15	28°44	18°56	25°21	4°22	3°30	2° 5	26°36	n.a.	M13
T 14	16 42 47	9°55'45	24°13	4°20	17°49	13°35	15°18	28°D44	18°53	25°22	4°21	3°25	2° 2	26°43	n.a.	T 14
W15	16 46 44	10°52'58	8♒38	4°44	18°59	14°12	15°22	28°44	18°51	25°24	4°19	3°21	1°59	26°50	n.a.	W15
T 16	16 50 40	11°50'11	23° 0	5° 4	20° 9	14°50	15°26	28°44	18°49	25°26	4°18	3°18	1°56	26°57	n.a.	T 16
F 17	16 54 37	12°47'25	7♓17	5°18	21°19	15°27	15°30	28°44	18°46	25°28	4°16	3°D16	1°52	27° 3	n.a.	F 17
S 18	16 58 33	13°44'41	21°25	5°28	22°29	16° 5	15°34	28°44	18°44	25°29	4°15	3°17	1°49	27°10	n.a.	S 18
S 19	17 2 30	14°41'58	5♈23	5°34	23°39	16°42	15°39	28°45	18°41	25°31	4°13	3°18	1°46	27°17	n.a.	S 19
M20	17 6 26	15°39'16	19°11	5°R34	24°49	17°20	15°44	28°45	18°39	25°33	4°12	3°19	1°43	27°23	n.a.	M20
T 21	17 10 23	16°36'35	2♉48	5°29	25°58	17°58	15°48	28°46	18°37	25°35	4°10	3°R20	1°40	27°30	n.a.	T 21
W22	17 14 19	17°33'55	16°14	5°19	27° 8	18°36	15°53	28°47	18°34	25°36	4° 9	3°19	1°37	27°37	n.a.	W22
T 23	17 18 16	18°31'17	29°28	5° 4	28°17	19°13	15°58	28°47	18°32	25°38	4° 8	3°16	1°33	27°44	n.a.	T 23
F 24	17 22 13	19°28'40	12♊30	4°44	29°27	19°51	16° 4	28°48	18°29	25°40	4° 6	3°11	1°30	27°50	n.a.	F 24
S 25	17 26 9	20°26'04	25°19	4°19	0♌36	20°29	16° 9	28°49	18°27	25°42	4° 5	3° 4	1°27	27°57	n.a.	S 25
S 26	17 30 6	21°23'29	7♋55	3°49	1°45	21° 7	16°15	28°50	18°25	25°44	4° 3	2°56	1°24	28° 4	n.a.	S 26
M27	17 34 2	22°20'55	20°18	3°15	2°54	21°45	16°20	28°51	18°22	25°46	4° 2	2°47	1°21	28°10	n.a.	M27
T 28	17 37 59	23°18'22	2♌30	2°37	4° 3	22°23	16°26	28°53	18°20	25°48	4° 1	2°38	1°18	28°17	n.a.	T 28
W29	17 41 55	24°15'50	14°31	1°55	5°12	23° 1	16°32	28°54	18°17	25°50	3°59	2°31	1°14	28°24	n.a.	W29
T 30	17 45 52	25♊13'19	26♌26	1♋11	6♌21	23♋39	16♍38	28♍56	18♐15	25♋52	3♐58	2♉25	1♉11	28♌31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n56	24n 1	5n14	24n41	1n 0	25n43	1n54	25n 3	1n20	7n31	1n32	2n56	2n43	23s42	0s17	22n 9	0n41	20s28	0n59	12n57	12n37	17n47		n.a.
T 2	20 10	20 22	5 4	24 35	0 51	25 42	1 55	25 1	1 20	7 30	1 31	2 57	2 43	23 41	0 17	22 9	0 41	20 28	0 59	12 57	12 36	17 44		n.a.
F 3	20 22	15 55	4 41	24 28	0 42	25 39	1 55	24 59	1 19	7 29	1 31	2 57	2 43	23 41	0 17	22 9	0 41	20 27	0 59	12 57	12 35	17 41		n.a.
S 4	20 35	10 53	4 6	24 20	0 32	25 36	1 55	24 57	1 19	7 28	1 31	2 57	2 42	23 41	0 17	22 8	0 41	20 27	0 58	12 57	12 34	17 39		n.a.
S 5	20 47	5 24	3 20	24 11	0 22	25 32	1 54	24 54	1 19	7 27	1 31	2 57	2 42	23 41	0 17	22 8	0 41	20 27	0 58	12 57	12 33	17 36		n.a.
M 6	20 58	0s21	2 24	24 1	0 11	25 28	1 54	24 52	1 19	7 26	1 30	2 57	2 42	23 41	0 17	22 8	0 41	20 27	0 58	12 58	12 32	17 33		n.a.
T 7	21 10	6 13	1 21	23 50	0s 0	25 23	1 54	24 49	1 18	7 24	1 30	2 57	2 41	23 41	0 17	22 8	0 41	20 27	0 58	12 59	12 31	17 31		n.a.
W 8	21 20	11 59	0 13	23 38	0 12	25 17	1 53	24 46	1 18	7 23	1 30	2 57	2 41	23 40	0 17	22 7	0 41	20 27	0 58	12 59	12 29	17 28		n.a.
T 9	21 31	17 23	0s58	23 26	0 24	25 10	1 53	24 43	1 18	7 22	1 29	2 57	2 41	23 40	0 17	22 7	0 41	20 26	0 58	12 59	12 28	17 25		n.a.
F 10	21 41	22 6	2 8	23 13	0 37	25 2	1 52	24 39	1 18	7 20	1 29	2 57	2 41	23 40	0 17	22 7	0 41	20 26	0 58	12 58	12 27	17 23		n.a.
S 11	21 51	25 43	3 12	22 59	0 49	24 54	1 52	24 36	1 17	7 19	1 29	2 57	2 40	23 40	0 17	22 6	0 41	20 26	0 58	12 57	12 26	17 20		n.a.
S 12	22 1	27 51	4 5	22 45	1 2	24 45	1 51	24 32	1 17	7 17	1 28	2 57	2 40	23 40	0 17	22 6	0 41	20 26	0 58	12 55	12 25	17 17		n.a.
M13	22 10	28 12	4 44	22 31	1 16	24 36	1 50	24 28	1 17	7 16	1 28	2 57	2 40	23 39	0 17	22 6	0 41	20 26	0 58	12 53	12 24	17 14		n.a.
T 14	22 19	26 39	5 6	22 17	1 29	24 26	1 49	24 24	1 17	7 14	1 28	2 57	2 40	23 39	0 17	22 6	0 41	20 26	0 57	12 52	12 23	17 12		n.a.
W15	22 27	23 22	5 9	22 2	1 43	24 15	1 48	24 20	1 16	7 12	1 28	2 57	2 39	23 39	0 17	22 5	0 41	20 25	0 57	12 50	12 22	17 9		n.a.
T 16	22 35	18 40	4 52	21 47	1 57	24 3	1 47	24 16	1 16	7 10	1 27	2 56	2 39	23 39	0 17	22 5	0 41	20 25	0 57	12 49	12 21	17 6		n.a.
F 17	22 43	12 57	4 18	21 33	2 11	23 51	1 45	24 11	1 16	7 8	1 27	2 56	2 39	23 39	0 17	22 5	0 41	20 25	0 57	12 49	12 19	17 4		n.a.
S 18	22 50	6 38	3 27	21 19	2 25	23 38	1 44	24 6	1 16	7 6	1 27	2 56	2 39	23 38	0 17	22 4	0 41	20 25	0 57	12 49	12 18	17 1		n.a.
S 19	22 57	0 3	2 26	21 5	2 39	23 25	1 43	24 1	1 15	7 4	1 26	2 55	2 38	23 38	0 17	22 4	0 41	20 25	0 57	12 49	12 17	16 58		n.a.
M20	23 3	6n28	1 16	20 51	2 53	23 11	1 41	23 56	1 15	7 2	1 26	2 55	2 38	23 38	0 17	22 4	0 41	20 25	0 57	12 50	12 16	16 55		n.a.
T 21	23 9	12 36	0 3	20 38	3 6	22 56	1 39	23 51	1 15	7 0	1 26	2 54	2 38	23 38	0 17	22 3	0 41	20 24	0 57	12 50	12 15	16 53		n.a.
W22	23 15	18 4	1n 9	20 25	3 19	22 41	1 38	23 45	1 15	6 58	1 25	2 54	2 37	23 38	0 17	22 3	0 41	20 24	0 57	12 50	12 14	16 50		n.a.
T 23	23 20	22 35	2 16	20 13	3 31	22 25	1 36	23 40	1 14	6 56	1 25	2 53	2 37	23 37	0 17	22 3	0 41	20 24	0 56	12 49	12 13	16 47		n.a.
F 24	23 25	25 54	3 15	20 2	3 43	22 8	1 34	23 34	1 14	6 53	1 25	2 53	2 37	23 37	0 17	22 2	0 41	20 24	0 56	12 47	12 12	16 44		n.a.
S 25	23 29	27 48	4 3	19 52	3 54	21 51	1 32	23 28	1 14	6 51	1 25	2 52	2 37	23 37	0 17	22 2	0 41	20 24	0 56	12 45	12 10	16 42		n.a.
S 26	23 33	28 13	4 38	19 43	4 4	21 33	1 30	23 22	1 13	6 48	1 24	2 51	2 36	23 37	0 17	22 1	0 41	20 24	0 56	12 42	12 9	16 39		n.a.
M27	23 37	27 12	4 59	19 34	4 14	21 15	1 27	23 15	1 13	6 46	1 24	2 50	2 36	23 37	0 18	22 1	0 41	20 23	0 56	12 39	12 8	16 36		n.a.
T 28	23 40	24 53	5 6	19 28	4 21	20 56	1 25	23 9	1 13	6 43	1 24	2 50	2 36	23 36	0 18	22 1	0 41	20 23	0 56	12 35	12 7	16 33		n.a.
W29	23 43	21 31	5 0	19 22	4 28	20 37	1 23	23 2	1 13	6 41	1 23	2 49	2 36	23 36	0 18	22 0	0 41	20 23	0 56	12 33	12 6	16 31		n.a.
T 30	23n45	17n17	4n40	19n18	4s33	20n17	1n20	22n55	1n12	6n38	1n23	2n48	2n35	23s36	0s18	22n 0	0n41	20s23	0n56	12n31	12n 5	16n28		n.a.

Julian Day Number = 1284004.5, Delta T = 08h05m28s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'19, Lahiri = -20°29'18 Julian Calendar 1 June 1198 BCE == Greg. Calendar 21 May 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

JULY 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 49 48	26♊10'49	8♍17	0°R25	7♌30	24♋17	16♍45	28♍57	18°R13	25♋54	3°R56	2°R21	1♉ 8	28♌37	n.a.	F 1
S 2	17 53 45	27° 8'20	20° 9	29♊37	8°39	24°55	16°51	28°59	18♐10	25°56	3♐55	2♉19	1° 5	28°44	n.a.	S 2
S 3	17 57 42	28° 5'53	2♎ 6	28°49	9°47	25°33	16°58	29° 0	18° 8	25°58	3°54	2°D19	1° 2	28°51	n.a.	S 3
M 4	18 1 38	29° 3'26	14°15	28° 1	10°56	26°11	17° 4	29° 2	18° 6	26° 0	3°53	2°20	0°58	28°57	n.a.	M 4
T 5	18 5 35	0♋ 1'00	26°39	27°14	12° 4	26°50	17°11	29° 4	18° 3	26° 2	3°51	2°R20	0°55	29° 4	n.a.	T 5
W 6	18 9 31	0°58'36	9♏25	26°30	13°12	27°28	17°18	29° 6	18° 1	26° 4	3°50	2°20	0°52	29°11	n.a.	W 6
T 7	18 13 28	1°56'12	22°34	25°49	14°20	28° 6	17°25	29° 8	17°59	26° 6	3°49	2°19	0°49	29°18	n.a.	T 7
F 8	18 17 24	2°53'51	6♐ 9	25°12	15°28	28°45	17°33	29°10	17°56	26° 8	3°47	2°14	0°46	29°24	n.a.	F 8
S 9	18 21 21	3°51'30	20°10	24°40	16°36	29°23	17°40	29°13	17°54	26°10	3°46	2° 8	0°43	29°31	n.a.	S 9
S 10	18 25 17	4°49'11	4♑33	24°13	17°44	0♌ 2	17°47	29°15	17°52	26°12	3°45	2° 0	0°39	29°38	n.a.	S 10
M11	18 29 14	5°46'54	19°13	23°52	18°51	0°40	17°55	29°18	17°50	26°14	3°44	1°50	0°36	29°44	n.a.	M11
T 12	18 33 11	6°44'38	4♒ 1	23°38	19°59	1°19	18° 3	29°20	17°47	26°16	3°43	1°41	0°33	29°51	n.a.	T 12
W13	18 37 7	7°42'23	18°50	23°D31	21° 6	1°57	18°11	29°23	17°45	26°18	3°41	1°32	0°30	29°58	n.a.	W13
T 14	18 41 4	8°40'11	3♓32	23°31	22°13	2°36	18°19	29°25	17°43	26°21	3°40	1°26	0°27	0♍ 4	n.a.	T 14
F 15	18 45 0	9°38'00	18° 1	23°39	23°20	3°14	18°27	29°28	17°41	26°23	3°39	1°22	0°24	0°11	n.a.	F 15
S 16	18 48 57	10°35'51	2♈13	23°55	24°27	3°53	18°35	29°31	17°39	26°25	3°38	1°20	0°20	0°18	n.a.	S 16
S 17	18 52 53	11°33'45	16° 7	24°19	25°34	4°32	18°44	29°34	17°36	26°27	3°37	1°D20	0°17	0°25	n.a.	S 17
M18	18 56 50	12°31'40	29°43	24°50	26°41	5°11	18°52	29°37	17°34	26°29	3°36	1°R20	0°14	0°31	n.a.	M18
T 19	19 0 46	13°29'37	13♉ 4	25°29	27°47	5°49	19° 1	29°40	17°32	26°31	3°35	1°20	0°11	0°38	n.a.	T 19
W20	19 4 43	14°27'36	26°10	26°15	28°53	6°28	19° 9	29°44	17°30	26°34	3°34	1°17	0° 8	0°45	n.a.	W20
T 21	19 8 40	15°25'38	9♊ 4	27° 9	29°59	7° 7	19°18	29°47	17°28	26°36	3°33	1°13	0° 4	0°51	n.a.	T 21
F 22	19 12 36	16°23'41	21°46	28°10	1♍ 6	7°46	19°27	29°50	17°26	26°38	3°32	1° 5	0° 1	0°58	n.a.	F 22
S 23	19 16 33	17°21'46	4♋18	29°18	2°11	8°25	19°36	29°54	17°24	26°40	3°31	0°54	29♈58	1° 5	n.a.	S 23
S 24	19 20 29	18°19'54	16°40	0♋31	3°17	9° 4	19°46	29°57	17°22	26°42	3°30	0°42	29°55	1°12	n.a.	S 24
M25	19 24 26	19°18'03	28°52	1°51	4°23	9°43	19°55	0♎ 1	17°20	26°45	3°29	0°28	29°52	1°18	n.a.	M25
T 26	19 28 22	20°16'13	10♌56	3°16	5°28	10°22	20° 4	0° 5	17°18	26°47	3°28	0°15	29°49	1°25	n.a.	T 26
W27	19 32 19	21°14'26	22°53	4°46	6°33	11° 2	20°14	0° 8	17°17	26°49	3°27	0° 3	29°45	1°32	n.a.	W27
T 28	19 36 16	22°12'40	4♍45	6°21	7°38	11°41	20°23	0°12	17°15	26°51	3°26	29♈53	29°42	1°38	n.a.	T 28
F 29	19 40 12	23°10'56	16°33	8° 0	8°43	12°20	20°33	0°16	17°13	26°54	3°26	29°45	29°39	1°45	n.a.	F 29
S 30	19 44 9	24° 9'14	28°23	9°42	9°47	12°59	20°43	0°20	17°11	26°56	3°25	29°41	29°36	1°52	n.a.	S 30
S 31	19 48 5	25♋ 7'33	10♎18	11♋27	10♍52	13♌39	20♍53	0♎24	17♐ 9	26♋58	3♐24	29♈39	29♈33	1♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	12n26	4n 8	19n15	4s36	19n57	1n17	22n48	1n12	6n35	1n23	2n47	2n35	23s36	0s18	22n 0	0n41	20s23	0n56	12n29	12n 4	16n25		n.a.
S 2	23 48	7 7	3 26	19 13	4 37	19 36	1 15	22 41	1 12	6 32	1 23	2 46	2 35	23 36	0 18	21 59	0 41	20 23	0 56	12 29	12 3	16 22		n.a.
S 3	23 49	1 30	2 35	19 13	4 37	19 15	1 12	22 33	1 11	6 30	1 22	2 45	2 35	23 35	0 18	21 59	0 41	20 22	0 55	12 29	12 1	16 19		n.a.
M 4	23 50	4s15	1 35	19 15	4 35	18 53	1 9	22 26	1 11	6 27	1 22	2 44	2 34	23 35	0 18	21 58	0 41	20 22	0 55	12 29	12 0	16 17		n.a.
T 5	23 50	9 59	0 30	19 18	4 31	18 31	1 6	22 18	1 11	6 24	1 22	2 43	2 34	23 35	0 18	21 58	0 41	20 22	0 55	12 29	11 59	16 14		n.a.
W 6	23 50	15 28	0s38	19 23	4 25	18 8	1 3	22 10	1 10	6 21	1 22	2 42	2 34	23 35	0 18	21 58	0 41	20 22	0 55	12 29	11 58	16 11		n.a.
T 7	23 49	20 25	1 46	19 29	4 17	17 45	0 59	22 2	1 10	6 18	1 21	2 41	2 33	23 35	0 18	21 57	0 41	20 22	0 55	12 29	11 57	16 8		n.a.
F 8	23 48	24 29	2 50	19 37	4 8	17 21	0 56	21 54	1 10	6 15	1 21	2 40	2 33	23 34	0 18	21 57	0 41	20 22	0 55	12 27	11 56	16 5		n.a.
S 9	23 47	27 13	3 46	19 46	3 58	16 58	0 53	21 45	1 10	6 11	1 21	2 39	2 33	23 34	0 18	21 56	0 41	20 22	0 55	12 25	11 55	16 3		n.a.
S 10	23 45	28 15	4 29	19 57	3 46	16 33	0 49	21 37	1 9	6 8	1 21	2 38	2 33	23 34	0 18	21 56	0 41	20 22	0 55	12 22	11 54	16 0		n.a.
M11	23 43	27 19	4 56	20 9	3 33	16 9	0 46	21 28	1 9	6 5	1 20	2 37	2 32	23 34	0 18	21 56	0 41	20 21	0 55	12 19	11 52	15 57		n.a.
T 12	23 40	24 28	5 3	20 23	3 18	15 44	0 42	21 19	1 9	6 2	1 20	2 35	2 32	23 34	0 18	21 55	0 41	20 21	0 54	12 15	11 51	15 54		n.a.
W13	23 37	20 0	4 49	20 38	3 3	15 18	0 38	21 10	1 8	5 58	1 20	2 34	2 32	23 33	0 18	21 55	0 41	20 21	0 54	12 12	11 50	15 51		n.a.
T 14	23 33	14 21	4 17	20 53	2 47	14 53	0 34	21 1	1 8	5 55	1 20	2 33	2 32	23 33	0 18	21 54	0 41	20 21	0 54	12 10	11 49	15 48		n.a.
F 15	23 29	8 0	3 29	21 10	2 31	14 26	0 30	20 51	1 8	5 51	1 19	2 31	2 31	23 33	0 18	21 54	0 41	20 21	0 54	12 9	11 48	15 46		n.a.
S 16	23 24	1 22	2 28	21 27	2 15	14 0	0 26	20 42	1 7	5 48	1 19	2 30	2 31	23 33	0 18	21 54	0 41	20 21	0 54	12 8	11 47	15 43		n.a.
S 17	23 20	5n13	1 20	21 45	1 58	13 33	0 22	20 32	1 7	5 44	1 19	2 28	2 31	23 33	0 18	21 53	0 41	20 21	0 54	12 8	11 46	15 40		n.a.
M18	23 14	11 26	0 9	22 3	1 41	13 7	0 18	20 22	1 7	5 41	1 19	2 27	2 31	23 32	0 18	21 53	0 41	20 21	0 54	12 8	11 45	15 37		n.a.
T 19	23 9	17 0	1n 2	22 21	1 24	12 39	0 14	20 12	1 6	5 37	1 18	2 26	2 30	23 32	0 18	21 52	0 41	20 21	0 54	12 8	11 43	15 34		n.a.
W20	23 2	21 41	2 8	22 39	1 8	12 12	0 9	20 2	1 6	5 33	1 18	2 24	2 30	23 32	0 18	21 52	0 41	20 21	0 53	12 7	11 42	15 31		n.a.
T 21	22 56	25 14	3 5	22 57	0 52	11 44	0 5	19 51	1 6	5 30	1 18	2 22	2 30	23 32	0 18	21 52	0 41	20 20	0 53	12 5	11 41	15 28		n.a.
F 22	22 49	27 27	3 53	23 14	0 36	11 16	0 0	19 41	1 5	5 26	1 18	2 21	2 30	23 32	0 18	21 51	0 41	20 20	0 53	12 3	11 40	15 26		n.a.
S 23	22 41	28 15	4 29	23 29	0 21	10 48	0s 5	19 30	1 5	5 22	1 17	2 19	2 29	23 31	0 18	21 51	0 41	20 20	0 53	11 59	11 39	15 23		n.a.
S 24	22 34	27 36	4 51	23 44	0 6	10 20	0 9	19 19	1 4	5 18	1 17	2 18	2 29	23 31	0 18	21 50	0 41	20 20	0 53	11 54	11 38	15 20		n.a.
M25	22 25	25 37	5 0	23 57	0n 7	9 51	0 14	19 8	1 4	5 14	1 17	2 16	2 29	23 31	0 18	21 50	0 41	20 20	0 53	11 50	11 37	15 17		n.a.
T 26	22 17	22 29	4 55	24 8	0 20	9 22	0 19	18 57	1 4	5 10	1 17	2 14	2 29	23 31	0 18	21 49	0 41	20 20	0 53	11 45	11 35	15 14		n.a.
W27	22 8	18 28	4 37	24 18	0 33	8 53	0 24	18 46	1 3	5 6	1 17	2 12	2 28	23 31	0 18	21 49	0 41	20 20	0 53	11 41	11 34	15 11		n.a.
T 28	21 58	13 45	4 7	24 25	0 44	8 24	0 29	18 35	1 3	5 2	1 16	2 11	2 28	23 30	0 18	21 49	0 41	20 20	0 53	11 37	11 33	15 8		n.a.
F 29	21 49	8 33	3 27	24 30	0 54	7 55	0 34	18 23	1 3	4 58	1 16	2 9	2 28	23 30	0 18	21 48	0 41	20 20	0 52	11 34	11 32	15 5		n.a.
S 30	21 38	3 3	2 37	24 32	1 4	7 25	0 39	18 11	1 2	4 54	1 16	2 7	2 28	23 30	0 18	21 48	0 41	20 20	0 52	11 33	11 31	15 2		n.a.
S 31	21n28	2s37	1n40	24n32	1n12	6n56	0s44	18n 0	1n 2	4n50	1n16	2n 5	2n28	23s30	0s18	21n47	0n41	20s20	0n52	11n32	11n30	15n 0		n.a.

Julian Day Number = 1284034.5, Delta T = 08h05m26s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'15, Lahiri = -20°29'14 Julian Calendar 1 July 1198 BCE == Greg. Calendar 20 June 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

AUGUST 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 52 2	26♋ 5'54	22♎24	13♋14	11♍56	14♌18	21♍ 3	0♎29	17°R 8	27♋ 0	3°R23	29°R38	29♈30	2♍ 5	n.a.	M 1
T 2	19 55 58	27° 4'17	4♏45	15° 4	13° 0	14°58	21°13	0°33	17♐ 6	27° 2	3♐22	29♈38	29°26	2°12	n.a.	T 2
W 3	19 59 55	28° 2'42	17°27	16°55	14° 3	15°37	21°23	0°37	17° 4	27° 5	3°22	29°37	29°23	2°19	n.a.	W 3
T 4	20 3 51	29° 1'08	0♐35	18°47	15° 7	16°17	21°33	0°42	17° 3	27° 7	3°21	29°35	29°20	2°25	n.a.	T 4
F 5	20 7 48	29°59'36	14°12	20°40	16°10	16°56	21°44	0°46	17° 1	27° 9	3°20	29°30	29°17	2°32	n.a.	F 5
S 6	20 11 44	0♌58'06	28°18	22°34	17°13	17°36	21°54	0°51	17° 0	27°11	3°20	29°23	29°14	2°39	n.a.	S 6
S 7	20 15 41	1°56'38	12♑51	24°28	18°15	18°15	22° 5	0°55	16°58	27°14	3°19	29°13	29°10	2°45	n.a.	S 7
M 8	20 19 38	2°55'12	27°47	26°22	19°18	18°55	22°15	1° 0	16°57	27°16	3°19	29° 2	29° 7	2°52	n.a.	M 8
T 9	20 23 34	3°53'48	12♒55	28°16	20°20	19°35	22°26	1° 5	16°55	27°18	3°18	28°51	29° 4	2°59	n.a.	T 9
W10	20 27 31	4°52'26	28° 6	0♌ 9	21°21	20°15	22°37	1° 9	16°54	27°20	3°17	28°41	29° 1	3° 5	n.a.	W10
T 11	20 31 27	5°51'06	13♓ 9	2° 2	22°23	20°54	22°48	1°14	16°53	27°22	3°17	28°33	28°58	3°12	n.a.	T 11
F 12	20 35 24	6°49'49	27°55	3°54	23°24	21°34	22°59	1°19	16°51	27°25	3°17	28°28	28°55	3°19	n.a.	F 12
S 13	20 39 20	7°48'34	12♈20	5°46	24°25	22°14	23°10	1°24	16°50	27°27	3°16	28°26	28°51	3°26	n.a.	S 13
S 14	20 43 17	8°47'21	26°20	7°37	25°25	22°54	23°21	1°29	16°49	27°29	3°16	28°D25	28°48	3°32	n.a.	S 14
M15	20 47 13	9°46'11	9♉57	9°27	26°25	23°34	23°32	1°35	16°48	27°31	3°15	28°R25	28°45	3°39	n.a.	M15
T 16	20 51 10	10°45'03	23°12	11°17	27°25	24°14	23°44	1°40	16°47	27°33	3°15	28°25	28°42	3°46	n.a.	T 16
W17	20 55 7	11°43'58	6♊ 8	13° 5	28°25	24°54	23°55	1°45	16°46	27°36	3°15	28°22	28°39	3°52	n.a.	W17
T 18	20 59 3	12°42'55	18°49	14°53	29°24	25°35	24° 6	1°50	16°45	27°38	3°14	28°18	28°36	3°59	n.a.	T 18
F 19	21 3 0	13°41'54	1♋17	16°39	0♎23	26°15	24°18	1°56	16°44	27°40	3°14	28°10	28°32	4° 6	n.a.	F 19
S 20	21 6 56	14°40'56	13°34	18°25	1°21	26°55	24°29	2° 1	16°43	27°42	3°14	28° 0	28°29	4°12	n.a.	S 20
S 21	21 10 53	15°40'01	25°44	20°10	2°19	27°35	24°41	2° 7	16°42	27°44	3°14	27°48	28°26	4°19	n.a.	S 21
M22	21 14 49	16°39'07	7♌46	21°54	3°16	28°16	24°53	2°12	16°41	27°46	3°13	27°34	28°23	4°26	n.a.	M22
T 23	21 18 46	17°38'16	19°43	23°36	4°13	28°56	25° 5	2°18	16°40	27°49	3°13	27°21	28°20	4°33	n.a.	T 23
W24	21 22 42	18°37'26	1♍35	25°19	5°10	29°37	25°16	2°23	16°40	27°51	3°13	27° 9	28°16	4°39	n.a.	W24
T 25	21 26 39	19°36'39	13°25	27° 0	6° 6	0♍17	25°28	2°29	16°39	27°53	3°13	26°59	28°13	4°46	n.a.	T 25
F 26	21 30 35	20°35'54	25°13	28°40	7° 2	0°58	25°40	2°35	16°38	27°55	3°13	26°52	28°10	4°53	n.a.	F 26
S 27	21 34 32	21°35'11	7♎ 4	0♍20	7°57	1°38	25°52	2°41	16°38	27°57	3°13	26°47	28° 7	4°59	n.a.	S 27
S 28	21 38 29	22°34'30	19° 0	1°58	8°51	2°19	26° 4	2°47	16°37	27°59	3°D13	26°45	28° 4	5° 6	n.a.	S 28
M29	21 42 25	23°33'51	1♏ 5	3°36	9°46	3° 0	26°17	2°53	16°37	28° 1	3°13	26°D45	28° 1	5°13	n.a.	M29
T 30	21 46 22	24°33'14	13°24	5°13	10°39	3°40	26°29	2°59	16°36	28° 3	3°13	26°46	27°57	5°19	n.a.	T 30
W31	21 50 18	25♌32'39	26♏ 2	6♍49	11♎32	4♍21	26♍41	3♎ 5	16♐36	28♋ 5	3♐13	26°R46	27♈54	5♍26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n17	8s16	0n38	24n30	1n20	6n26	0s50	17n48	1n 2	4n46	1n16	2n 3	2n27	23s30	0s18	21n47	0n41	20s20	0n52	11n32	11n29	14n57			n.a.
T 2	21 6	13 45	0s27	24 24	1 26	5 57	0 55	17 36	1 1	4 41	1 15	2 1	2 27	23 30	0 18	21 46	0 41	20 20	0 52	11 32	11 27	14 54			n.a.
W 3	20 54	18 48	1 33	24 16	1 32	5 27	1 1	17 23	1 1	4 37	1 15	1 59	2 27	23 29	0 18	21 46	0 41	20 20	0 52	11 31	11 26	14 51			n.a.
T 4	20 42	23 9	2 36	24 6	1 37	4 57	1 6	17 11	1 0	4 33	1 15	1 57	2 27	23 29	0 18	21 46	0 41	20 20	0 52	11 31	11 25	14 48			n.a.
F 5	20 29	26 24	3 32	23 53	1 41	4 27	1 12	16 58	1 0	4 28	1 15	1 55	2 26	23 29	0 18	21 45	0 41	20 20	0 52	11 29	11 24	14 45			n.a.
S 6	20 17	28 7	4 18	23 38	1 44	3 57	1 17	16 46	1 0	4 24	1 15	1 53	2 26	23 29	0 18	21 45	0 41	20 20	0 51	11 26	11 23	14 42			n.a.
S 7	20 3	27 59	4 48	23 20	1 46	3 27	1 23	16 33	0 59	4 20	1 14	1 51	2 26	23 29	0 18	21 44	0 41	20 20	0 51	11 23	11 22	14 39			n.a.
M 8	19 50	25 51	5 0	23 0	1 48	2 57	1 29	16 20	0 59	4 15	1 14	1 49	2 26	23 29	0 18	21 44	0 41	20 20	0 51	11 19	11 21	14 36			n.a.
T 9	19 36	21 52	4 51	22 38	1 49	2 27	1 34	16 7	0 58	4 11	1 14	1 47	2 26	23 29	0 18	21 43	0 41	20 20	0 51	11 15	11 19	14 33			n.a.
W10	19 22	16 25	4 22	22 14	1 49	1 57	1 40	15 54	0 58	4 6	1 14	1 45	2 25	23 28	0 18	21 43	0 41	20 20	0 51	11 11	11 18	14 30			n.a.
T 11	19 7	10 1	3 35	21 48	1 49	1 27	1 46	15 40	0 58	4 2	1 14	1 43	2 25	23 28	0 18	21 43	0 41	20 20	0 51	11 8	11 17	14 27			n.a.
F 12	18 52	3 11	2 34	21 21	1 48	0 57	1 52	15 27	0 57	3 57	1 13	1 41	2 25	23 28	0 18	21 42	0 41	20 20	0 51	11 7	11 16	14 24			n.a.
S 13	18 37	3n40	1 24	20 52	1 46	0 27	1 58	15 14	0 57	3 52	1 13	1 38	2 25	23 28	0 18	21 42	0 41	20 20	0 51	11 6	11 15	14 21			n.a.
S 14	18 22	10 10	0 11	20 21	1 44	0s 3	2 4	15 0	0 56	3 48	1 13	1 36	2 25	23 28	0 18	21 41	0 41	20 20	0 50	11 5	11 14	14 18			n.a.
M15	18 6	16 0	1n 1	19 49	1 42	0 32	2 10	14 46	0 56	3 43	1 13	1 34	2 24	23 28	0 18	21 41	0 41	20 20	0 50	11 5	11 13	14 15			n.a.
T 16	17 50	20 56	2 7	19 16	1 39	1 2	2 16	14 32	0 56	3 38	1 13	1 32	2 24	23 28	0 18	21 40	0 42	20 20	0 50	11 5	11 11	14 12			n.a.
W17	17 33	24 44	3 5	18 42	1 36	1 32	2 22	14 18	0 55	3 34	1 13	1 29	2 24	23 28	0 18	21 40	0 42	20 20	0 50	11 4	11 10	14 10			n.a.
T 18	17 16	27 14	3 53	18 6	1 32	2 1	2 28	14 4	0 55	3 29	1 12	1 27	2 24	23 27	0 18	21 40	0 42	20 20	0 50	11 3	11 9	14 7			n.a.
F 19	16 59	28 19	4 29	17 30	1 28	2 30	2 35	13 50	0 54	3 24	1 12	1 25	2 24	23 27	0 18	21 39	0 42	20 20	0 50	11 0	11 8	14 4			n.a.
S 20	16 42	27 58	4 52	16 53	1 23	3 0	2 41	13 35	0 54	3 19	1 12	1 22	2 24	23 27	0 18	21 39	0 42	20 20	0 50	10 56	11 7	14 1			n.a.
S 21	16 24	26 16	5 1	16 15	1 19	3 29	2 47	13 21	0 54	3 15	1 12	1 20	2 23	23 27	0 18	21 38	0 42	20 20	0 50	10 52	11 6	13 58			n.a.
M22	16 6	23 24	4 56	15 36	1 14	3 58	2 53	13 6	0 53	3 10	1 12	1 18	2 23	23 27	0 18	21 38	0 42	20 20	0 50	10 47	11 5	13 55			n.a.
T 23	15 48	19 33	4 39	14 57	1 8	4 26	2 59	12 52	0 53	3 5	1 12	1 15	2 23	23 27	0 18	21 38	0 42	20 21	0 49	10 42	11 3	13 52			n.a.
W24	15 30	14 57	4 9	14 17	1 3	4 55	3 6	12 37	0 52	3 0	1 11	1 13	2 23	23 27	0 18	21 37	0 42	20 21	0 49	10 38	11 2	13 49			n.a.
T 25	15 11	9 50	3 29	13 37	0 57	5 23	3 12	12 22	0 52	2 55	1 11	1 10	2 23	23 27	0 18	21 37	0 42	20 21	0 49	10 34	11 1	13 46			n.a.
F 26	14 52	4 22	2 39	12 56	0 51	5 52	3 18	12 7	0 51	2 50	1 11	1 8	2 23	23 27	0 18	21 36	0 42	20 21	0 49	10 31	11 0	13 43			n.a.
S 27	14 33	1s17	1 43	12 15	0 45	6 19	3 24	11 52	0 51	2 45	1 11	1 5	2 22	23 27	0 18	21 36	0 42	20 21	0 49	10 30	10 59	13 40			n.a.
S 28	14 13	6 55	0 41	11 33	0 39	6 47	3 31	11 36	0 51	2 40	1 11	1 3	2 22	23 27	0 18	21 36	0 42	20 21	0 49	10 29	10 58	13 37			n.a.
M29	13 53	12 24	0s23	10 52	0 33	7 15	3 37	11 21	0 50	2 35	1 11	1 0	2 22	23 27	0 18	21 35	0 42	20 21	0 49	10 29	10 56	13 34			n.a.
T 30	13 33	17 31	1 28	10 10	0 26	7 42	3 43	11 6	0 50	2 30	1 11	0 58	2 22	23 27	0 18	21 35	0 42	20 21	0 49	10 29	10 55	13 31			n.a.
W31	13n13	22s 1	2s30	9n28	0n20	8s 8	3s49	10n50	0n49	2n25	1n10	0n55	2n22	23s26	0s17	21n34	0n42	20s22	0n48	10n29	10n54	13n28			n.a.

Julian Day Number = 1284065.5, Delta T = 08h05m24s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'10, Lahiri = -20°29'10 Julian Calendar 1 Aug. 1198 BCE == Greg. Calendar 21 July 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

SEPTEMBER 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 54 15	26♌32'06	9♐ 4	8♍25	12♎24	5♍ 2	26♍53	3♎11	16°R35	28♋ 7	3♐13	26°R45	27♈51	5♍33	n.a.	T 1
F 2	21 58 11	27°31'35	22°33	10° 0	13°16	5°43	27° 6	3°17	16♐35	28° 9	3°13	26♈43	27°48	5°40	n.a.	F 2
S 3	22 2 8	28°31'05	6♑33	11°34	14° 7	6°24	27°18	3°23	16°35	28°11	3°13	26°38	27°45	5°46	n.a.	S 3
S 4	22 6 4	29°30'38	21° 2	13° 7	14°57	7° 5	27°31	3°29	16°35	28°13	3°14	26°31	27°42	5°53	n.a.	S 4
M 5	22 10 1	0♍30'13	5♒56	14°39	15°46	7°46	27°43	3°35	16°34	28°15	3°14	26°22	27°38	6° 0	n.a.	M 5
T 6	22 13 58	1°29'49	21° 7	16°11	16°35	8°27	27°56	3°42	16°34	28°17	3°14	26°14	27°35	6° 6	n.a.	T 6
W 7	22 17 54	2°29'28	6♓27	17°42	17°23	9° 8	28° 8	3°48	16°D34	28°19	3°15	26° 6	27°32	6°13	n.a.	W 7
T 8	22 21 51	3°29'08	21°43	19°13	18°10	9°49	28°21	3°54	16°34	28°21	3°15	26° 0	27°29	6°20	n.a.	T 8
F 9	22 25 47	4°28'51	6♈44	20°43	18°56	10°30	28°34	4° 1	16°34	28°23	3°15	25°56	27°26	6°26	n.a.	F 9
S 10	22 29 44	5°28'37	21°24	22°12	19°41	11°12	28°47	4° 7	16°35	28°25	3°16	25°D54	27°22	6°33	n.a.	S 10
S 11	22 33 40	6°28'24	5♉38	23°40	20°26	11°53	28°59	4°13	16°35	28°27	3°16	25°55	27°19	6°40	n.a.	S 11
M12	22 37 37	7°28'14	19°24	25° 8	21° 9	12°34	29°12	4°20	16°35	28°28	3°16	25°56	27°16	6°46	n.a.	M12
T 13	22 41 33	8°28'07	2♊44	26°35	21°51	13°16	29°25	4°26	16°35	28°30	3°17	25°R57	27°13	6°53	n.a.	T 13
W14	22 45 30	9°28'02	15°40	28° 1	22°33	13°57	29°38	4°33	16°35	28°32	3°17	25°57	27°10	7° 0	n.a.	W14
T 15	22 49 26	10°27'59	28°17	29°26	23°13	14°39	29°51	4°40	16°36	28°34	3°18	25°55	27° 7	7° 7	n.a.	T 15
F 16	22 53 23	11°27'59	10♋39	0♎51	23°52	15°20	0♎ 4	4°46	16°36	28°35	3°19	25°51	27° 3	7°13	n.a.	F 16
S 17	22 57 20	12°28'01	22°48	2°15	24°30	16° 2	0°17	4°53	16°37	28°37	3°19	25°45	27° 0	7°20	n.a.	S 17
S 18	23 1 16	13°28'05	4♌49	3°37	25° 7	16°43	0°30	5° 0	16°37	28°39	3°20	25°38	26°57	7°27	n.a.	S 18
M19	23 5 13	14°28'11	16°44	4°59	25°43	17°25	0°43	5° 6	16°38	28°41	3°20	25°30	26°54	7°33	n.a.	M19
T 20	23 9 9	15°28'20	28°36	6°20	26°17	18° 7	0°56	5°13	16°38	28°42	3°21	25°22	26°51	7°40	n.a.	T 20
W21	23 13 6	16°28'30	10♍26	7°40	26°50	18°49	1° 9	5°20	16°39	28°44	3°22	25°15	26°47	7°47	n.a.	W21
T 22	23 17 2	17°28'42	22°16	8°59	27°21	19°31	1°22	5°27	16°40	28°46	3°23	25° 9	26°44	7°53	n.a.	T 22
F 23	23 20 59	18°28'57	4♎ 9	10°17	27°51	20°12	1°36	5°33	16°41	28°47	3°23	25° 5	26°41	8° 0	n.a.	F 23
S 24	23 24 55	19°29'13	16° 5	11°33	28°20	20°54	1°49	5°40	16°41	28°49	3°24	25° 3	26°38	8° 7	n.a.	S 24
S 25	23 28 52	20°29'31	28° 7	12°48	28°46	21°36	2° 2	5°47	16°42	28°50	3°25	25°D 2	26°35	8°13	n.a.	S 25
M26	23 32 48	21°29'51	10♏18	14° 1	29°12	22°18	2°15	5°54	16°43	28°52	3°26	25° 3	26°32	8°20	n.a.	M26
T 27	23 36 45	22°30'12	22°42	15°12	29°35	23° 1	2°28	6° 1	16°44	28°53	3°27	25° 5	26°28	8°27	n.a.	T 27
W28	23 40 42	23°30'36	5♐22	16°21	29°56	23°43	2°42	6° 8	16°45	28°55	3°28	25° 7	26°25	8°34	n.a.	W28
T 29	23 44 38	24°31'00	18°21	17°28	0♏16	24°25	2°55	6°15	16°46	28°56	3°29	25°R 8	26°22	8°40	n.a.	T 29
F 30	23 48 35	25♍31'27	1♑44	18♎33	0♏34	25♍ 7	3♎ 8	6♎22	16♐47	28♋58	3♐30	25♈ 8	26♈19	8♍47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n53	25s34	3s26	8n45	0n13	8s35	3s56	10n35	0n49	2n20	1n10	0n53	2n22	23s26	0s17	21n34	0n42	20s22	0n48	10n29	10n53	13n25		n.a.
F 2	12 32	27 50	4 13	8 3	0 6	9 1	4 2	10 19	0 48	2 15	1 10	0 50	2 22	23 26	0 17	21 34	0 42	20 22	0 48	10 28	10 52	13 21		n.a.
S 3	12 11	28 27	4 47	7 20	0s 0	9 27	4 8	10 3	0 48	2 9	1 10	0 47	2 21	23 26	0 17	21 33	0 42	20 22	0 48	10 26	10 51	13 18		n.a.
S 4	11 50	27 10	5 4	6 38	0 7	9 53	4 14	9 47	0 47	2 4	1 10	0 45	2 21	23 26	0 17	21 33	0 42	20 22	0 48	10 24	10 50	13 15		n.a.
M 5	11 29	23 57	5 1	5 55	0 14	10 18	4 20	9 31	0 47	1 59	1 10	0 42	2 21	23 26	0 17	21 32	0 42	20 22	0 48	10 21	10 48	13 12		n.a.
T 6	11 7	19 4	4 37	5 13	0 21	10 42	4 26	9 15	0 46	1 54	1 10	0 40	2 21	23 26	0 17	21 32	0 42	20 22	0 48	10 17	10 47	13 9		n.a.
W 7	10 46	12 54	3 53	4 30	0 28	11 7	4 32	8 59	0 46	1 49	1 10	0 37	2 21	23 26	0 17	21 32	0 42	20 23	0 48	10 14	10 46	13 6		n.a.
T 8	10 24	5 59	2 53	3 48	0 35	11 31	4 38	8 43	0 45	1 44	1 9	0 34	2 21	23 26	0 17	21 31	0 42	20 23	0 47	10 12	10 45	13 3		n.a.
F 9	10 2	1n10	1 41	3 6	0 42	11 54	4 44	8 27	0 45	1 38	1 9	0 32	2 21	23 26	0 17	21 31	0 42	20 23	0 47	10 11	10 44	13 0		n.a.
S 10	9 39	8 7	0 24	2 24	0 49	12 17	4 50	8 10	0 45	1 33	1 9	0 29	2 21	23 26	0 17	21 31	0 42	20 23	0 47	10 10	10 43	12 57		n.a.
S 11	9 17	14 26	0n52	1 42	0 56	12 39	4 56	7 54	0 44	1 28	1 9	0 26	2 20	23 26	0 17	21 30	0 42	20 23	0 47	10 10	10 41	12 54		n.a.
M12	8 55	19 51	2 3	1 0	1 3	13 1	5 1	7 37	0 44	1 22	1 9	0 23	2 20	23 26	0 17	21 30	0 42	20 24	0 47	10 11	10 40	12 51		n.a.
T 13	8 32	24 5	3 5	0 19	1 10	13 23	5 7	7 21	0 43	1 17	1 9	0 21	2 20	23 26	0 17	21 30	0 42	20 24	0 47	10 11	10 39	12 48		n.a.
W14	8 9	26 58	3 56	0s22	1 17	13 44	5 12	7 4	0 43	1 12	1 9	0 18	2 20	23 26	0 17	21 29	0 42	20 24	0 47	10 11	10 38	12 45		n.a.
T 15	7 46	28 23	4 34	1 3	1 23	14 4	5 18	6 47	0 42	1 7	1 9	0 15	2 20	23 26	0 17	21 29	0 42	20 24	0 47	10 10	10 37	12 42		n.a.
F 16	7 23	28 21	4 58	1 43	1 30	14 24	5 23	6 31	0 42	1 1	1 9	0 12	2 20	23 26	0 17	21 28	0 42	20 24	0 47	10 9	10 36	12 39		n.a.
S 17	7 0	26 56	5 8	2 23	1 36	14 43	5 28	6 14	0 41	0 56	1 9	0 10	2 20	23 26	0 17	21 28	0 42	20 25	0 46	10 7	10 34	12 36		n.a.
S 18	6 36	24 18	5 5	3 2	1 43	15 2	5 33	5 57	0 41	0 51	1 8	0 7	2 20	23 27	0 17	21 28	0 42	20 25	0 46	10 4	10 33	12 33		n.a.
M19	6 13	20 39	4 48	3 41	1 49	15 19	5 38	5 40	0 40	0 45	1 8	0 4	2 20	23 27	0 17	21 28	0 42	20 25	0 46	10 1	10 32	12 29		n.a.
T 20	5 49	16 11	4 19	4 19	1 55	15 37	5 43	5 23	0 40	0 40	1 8	0 1	2 20	23 27	0 17	21 27	0 42	20 25	0 46	9 58	10 31	12 26		n.a.
W21	5 25	11 8	3 39	4 56	2 1	15 53	5 47	5 6	0 39	0 34	1 8	0s 1	2 19	23 27	0 17	21 27	0 42	20 26	0 46	9 56	10 30	12 23		n.a.
T 22	5 2	5 42	2 49	5 33	2 7	16 9	5 51	4 49	0 39	0 29	1 8	0 4	2 19	23 27	0 17	21 27	0 42	20 26	0 46	9 53	10 29	12 20		n.a.
F 23	4 38	0 2	1 51	6 9	2 12	16 24	5 56	4 31	0 38	0 24	1 8	0 7	2 19	23 27	0 17	21 26	0 42	20 26	0 46	9 52	10 27	12 17		n.a.
S 24	4 14	5s41	0 49	6 44	2 17	16 38	6 0	4 14	0 38	0 18	1 8	0 10	2 19	23 27	0 17	21 26	0 42	20 26	0 46	9 51	10 26	12 14		n.a.
S 25	3 50	11 15	0s17	7 19	2 22	16 51	6 3	3 57	0 37	0 13	1 8	0 13	2 19	23 27	0 17	21 26	0 42	20 27	0 45	9 51	10 25	12 11		n.a.
M26	3 26	16 28	1 23	7 52	2 27	17 4	6 7	3 39	0 36	0 7	1 8	0 15	2 19	23 27	0 17	21 25	0 43	20 27	0 45	9 51	10 24	12 8		n.a.
T 27	3 1	21 6	2 26	8 24	2 31	17 15	6 10	3 22	0 36	0 2	1 8	0 18	2 19	23 27	0 17	21 25	0 43	20 27	0 45	9 52	10 23	12 5		n.a.
W28	2 37	24 53	3 23	8 55	2 35	17 26	6 13	3 5	0 35	0s 3	1 8	0 21	2 19	23 27	0 17	21 25	0 43	20 28	0 45	9 53	10 22	12 2		n.a.
T 29	2 13	27 30	4 12	9 24	2 38	17 36	6 16	2 47	0 35	0 9	1 8	0 24	2 19	23 27	0 17	21 25	0 43	20 28	0 45	9 53	10 20	11 58		n.a.
F 30	1n48	28s38	4s48	9s52	2s41	17s44	6s18	2n30	0n34	0s14	1n 7	0s27	2n19	23s27	0s17	21n24	0n43	20s28	0n45	9n53	10n19	11n55		n.a.

Julian Day Number = 1284096.5, Delta T = 08h05m23s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'06, Lahiri = -20°29'06 Julian Calendar 1 Sept. 1198 BCE == Greg. Calendar 21 Aug. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

OCTOBER 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 52 31	26♍31'55	15♉32	19♎35	0♏50	25♍49	3♎22	6♎29	16♐49	28♋59	3♐31	25°R 6	26♈16	8♍54	n.a.	S 1
S 2	23 56 28	27°32'24	29°45	20°33	1° 3	26°32	3°35	6°35	16°50	29° 0	3°32	25♈ 4	26°13	9° 0	n.a.	S 2
M 3	0 0 24	28°32'55	14♒23	21°28	1°15	27°14	3°48	6°42	16°51	29° 2	3°33	25° 0	26° 9	9° 7	n.a.	M 3
T 4	0 4 21	29°33'27	29°21	22°19	1°24	27°57	4° 2	6°49	16°52	29° 3	3°34	24°57	26° 6	9°14	n.a.	T 4
W 5	0 8 17	0♎34'01	14♓30	23° 6	1°31	28°39	4°15	6°56	16°54	29° 4	3°35	24°53	26° 3	9°20	n.a.	W 5
T 6	0 12 14	1°34'36	29°41	23°48	1°36	29°22	4°28	7° 3	16°55	29° 6	3°36	24°51	26° 0	9°27	n.a.	T 6
F 7	0 16 11	2°35'13	14♈44	24°24	1°39	0♏ 4	4°42	7°10	16°57	29° 7	3°37	24°49	25°57	9°34	n.a.	F 7
S 8	0 20 7	3°35'51	29°31	24°53	1°R39	0°47	4°55	7°17	16°58	29° 8	3°38	24°D49	25°53	9°40	n.a.	S 8
S 9	0 24 4	4°36'32	13♉55	25°16	1°36	1°30	5° 9	7°24	17° 0	29° 9	3°40	24°50	25°50	9°47	n.a.	S 9
M10	0 28 0	5°37'14	27°53	25°32	1°31	2°12	5°22	7°31	17° 1	29°10	3°41	24°51	25°47	9°54	n.a.	M10
T 11	0 31 57	6°37'58	11♊23	25°R38	1°24	2°55	5°35	7°38	17° 3	29°11	3°42	24°53	25°44	10° 0	n.a.	T 11
W12	0 35 53	7°38'44	24°27	25°36	1°14	3°38	5°49	7°45	17° 5	29°12	3°43	24°54	25°41	10° 7	n.a.	W12
T 13	0 39 50	8°39'32	7♋ 8	25°24	1° 2	4°21	6° 2	7°53	17° 6	29°13	3°45	24°R54	25°38	10°14	n.a.	T 13
F 14	0 43 46	9°40'21	19°30	25° 2	0°48	5° 4	6°16	8° 0	17° 8	29°15	3°46	24°54	25°34	10°20	n.a.	F 14
S 15	0 47 43	10°41'12	1♌38	24°29	0°31	5°47	6°29	8° 7	17°10	29°15	3°47	24°53	25°31	10°27	n.a.	S 15
S 16	0 51 40	11°42'05	13°35	23°45	0°12	6°30	6°42	8°14	17°12	29°16	3°49	24°51	25°28	10°34	n.a.	S 16
M17	0 55 36	12°42'59	25°27	22°51	29♎50	7°13	6°56	8°21	17°14	29°17	3°50	24°49	25°25	10°41	n.a.	M17
T 18	0 59 33	13°43'55	7♍16	21°48	29°26	7°56	7° 9	8°28	17°16	29°18	3°52	24°48	25°22	10°47	n.a.	T 18
W19	1 3 29	14°44'52	19° 7	20°37	29° 1	8°39	7°23	8°35	17°18	29°19	3°53	24°46	25°19	10°54	n.a.	W19
T 20	1 7 26	15°45'50	1♎ 0	19°19	28°33	9°22	7°36	8°42	17°20	29°20	3°55	24°45	25°15	11° 1	n.a.	T 20
F 21	1 11 22	16°46'50	12°59	17°58	28° 4	10° 6	7°49	8°49	17°22	29°21	3°56	24°44	25°12	11° 7	n.a.	F 21
S 22	1 15 19	17°47'51	25° 6	16°36	27°33	10°49	8° 3	8°56	17°24	29°21	3°58	24°D44	25° 9	11°14	n.a.	S 22
S 23	1 19 15	18°48'53	7♏21	15°15	27° 0	11°32	8°16	9° 3	17°26	29°22	3°59	24°44	25° 6	11°21	n.a.	S 23
M24	1 23 12	19°49'57	19°48	13°59	26°26	12°16	8°29	9° 9	17°29	29°23	4° 1	24°44	25° 3	11°27	n.a.	M24
T 25	1 27 9	20°51'01	2♐26	12°49	25°52	12°59	8°43	9°16	17°31	29°24	4° 2	24°45	24°59	11°34	n.a.	T 25
W26	1 31 5	21°52'06	15°18	11°48	25°16	13°43	8°56	9°23	17°33	29°24	4° 4	24°45	24°56	11°41	n.a.	W26
T 27	1 35 2	22°53'12	28°25	10°57	24°40	14°26	9° 9	9°30	17°35	29°25	4° 5	24°46	24°53	11°47	n.a.	T 27
F 28	1 38 58	23°54'19	11♉49	10°18	24° 4	15°10	9°22	9°37	17°38	29°25	4° 7	24°46	24°50	11°54	n.a.	F 28
S 29	1 42 55	24°55'26	25°31	9°49	23°27	15°53	9°35	9°44	17°40	29°26	4° 9	24°46	24°47	12° 1	n.a.	S 29
S 30	1 46 51	25°56'34	9♒31	9°33	22°51	16°37	9°49	9°51	17°43	29°26	4°10	24°46	24°44	12° 7	n.a.	S 30
M31	1 50 48	26♎57'43	23♒49	9°D27	22♎15	17♎21	10♎ 2	9♎58	17♐45	29♋27	4♐12	24♈46	24♈40	12♍14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n24	28s 2	5s 9	10s18	2s44	17s52	6s20	2n12	0n34	0s20	1n 7	0s30	2n19	23s28	0s17	21n24	0n43	20s29	0n45	9n52	10n18	11n52		n.a.
S 2	1 0	25 38	5 13	10 43	2 46	17 58	6 22	1 55	0 33	0 25	1 7	0 32	2 19	23 28	0 17	21 24	0 43	20 29	0 45	9 51	10 17	11 49		n.a.
M 3	0 35	21 30	4 56	11 5	2 47	18 4	6 23	1 37	0 33	0 31	1 7	0 35	2 19	23 28	0 17	21 24	0 43	20 29	0 45	9 50	10 16	11 46		n.a.
T 4	0 11	15 56	4 19	11 25	2 48	18 8	6 24	1 19	0 32	0 36	1 7	0 38	2 19	23 28	0 17	21 23	0 43	20 29	0 44	9 49	10 15	11 43		n.a.
W 5	0s14	9 20	3 24	11 42	2 47	18 11	6 24	1 2	0 32	0 42	1 7	0 41	2 19	23 28	0 17	21 23	0 43	20 30	0 44	9 48	10 13	11 40		n.a.
T 6	0 38	2 10	2 14	11 57	2 46	18 13	6 24	0 44	0 31	0 47	1 7	0 44	2 19	23 28	0 17	21 23	0 43	20 30	0 44	9 47	10 12	11 37		n.a.
F 7	1 3	5n 3	0 55	12 9	2 44	18 13	6 24	0 26	0 31	0 52	1 7	0 47	2 19	23 28	0 17	21 23	0 43	20 30	0 44	9 46	10 11	11 33		n.a.
S 8	1 27	11 53	0n26	12 17	2 41	18 12	6 23	0 8	0 30	0 58	1 7	0 49	2 19	23 29	0 17	21 22	0 43	20 31	0 44	9 46	10 10	11 30		n.a.
S 9	1 52	17 56	1 44	12 21	2 36	18 10	6 21	0s 9	0 29	1 3	1 7	0 52	2 19	23 29	0 17	21 22	0 43	20 31	0 44	9 46	10 9	11 27		n.a.
M10	2 16	22 49	2 53	12 22	2 31	18 6	6 19	0 27	0 29	1 9	1 7	0 55	2 19	23 29	0 17	21 22	0 43	20 31	0 44	9 47	10 8	11 24		n.a.
T 11	2 41	26 18	3 50	12 18	2 24	18 1	6 17	0 45	0 28	1 14	1 7	0 58	2 18	23 29	0 17	21 22	0 43	20 32	0 44	9 47	10 6	11 21		n.a.
W12	3 5	28 16	4 33	12 9	2 15	17 54	6 13	1 3	0 28	1 20	1 7	1 1	2 18	23 29	0 17	21 22	0 43	20 32	0 44	9 48	10 5	11 18		n.a.
T 13	3 29	28 39	5 1	11 55	2 5	17 46	6 9	1 20	0 27	1 25	1 7	1 4	2 18	23 29	0 17	21 21	0 43	20 33	0 43	9 48	10 4	11 15		n.a.
F 14	3 54	27 35	5 15	11 35	1 53	17 37	6 5	1 38	0 27	1 30	1 7	1 6	2 18	23 29	0 17	21 21	0 43	20 33	0 43	9 48	10 3	11 11		n.a.
S 15	4 18	25 13	5 14	11 10	1 39	17 26	5 59	1 56	0 26	1 36	1 7	1 9	2 18	23 30	0 17	21 21	0 43	20 33	0 43	9 47	10 2	11 8		n.a.
S 16	4 42	21 47	5 0	10 40	1 24	17 13	5 54	2 14	0 25	1 41	1 7	1 12	2 18	23 30	0 17	21 21	0 43	20 34	0 43	9 47	10 1	11 5		n.a.
M17	5 6	17 31	4 32	10 4	1 7	16 59	5 47	2 32	0 25	1 47	1 7	1 15	2 18	23 30	0 17	21 21	0 43	20 34	0 43	9 46	9 59	11 2		n.a.
T 18	5 30	12 35	3 54	9 23	0 48	16 44	5 40	2 50	0 24	1 52	1 7	1 18	2 18	23 30	0 17	21 21	0 43	20 34	0 43	9 45	9 58	10 59		n.a.
W19	5 54	7 12	3 5	8 38	0 29	16 27	5 31	3 7	0 24	1 57	1 7	1 20	2 18	23 30	0 17	21 20	0 43	20 35	0 43	9 45	9 57	10 55		n.a.
T 20	6 18	1 33	2 8	7 49	0 9	16 9	5 23	3 25	0 23	2 3	1 7	1 23	2 18	23 31	0 17	21 20	0 43	20 35	0 43	9 44	9 56	10 52		n.a.
F 21	6 42	4s13	1 5	6 59	0n12	15 49	5 13	3 43	0 22	2 8	1 7	1 26	2 18	23 31	0 17	21 20	0 43	20 36	0 43	9 44	9 55	10 49		n.a.
S 22	7 6	9 54	0s 2	6 8	0 33	15 28	5 3	4 1	0 22	2 14	1 7	1 29	2 19	23 31	0 17	21 20	0 43	20 36	0 42	9 44	9 53	10 46		n.a.
S 23	7 29	15 17	1 10	5 18	0 52	15 6	4 52	4 19	0 21	2 19	1 7	1 32	2 19	23 31	0 17	21 20	0 43	20 36	0 42	9 44	9 52	10 43		n.a.
M24	7 53	20 8	2 15	4 31	1 11	14 42	4 40	4 36	0 21	2 24	1 7	1 34	2 19	23 31	0 17	21 20	0 43	20 37	0 42	9 44	9 51	10 40		n.a.
T 25	8 16	24 10	3 14	3 47	1 29	14 18	4 28	4 54	0 20	2 30	1 7	1 37	2 19	23 32	0 17	21 20	0 43	20 37	0 42	9 45	9 50	10 36		n.a.
W26	8 40	27 5	4 5	3 9	1 44	13 53	4 15	5 12	0 19	2 35	1 6	1 40	2 19	23 32	0 17	21 20	0 44	20 38	0 42	9 45	9 49	10 33		n.a.
T 27	9 3	28 34	4 45	2 36	1 58	13 27	4 2	5 30	0 19	2 40	1 6	1 42	2 19	23 32	0 17	21 19	0 44	20 38	0 42	9 45	9 48	10 30		n.a.
F 28	9 26	28 26	5 10	2 10	2 9	13 0	3 48	5 47	0 18	2 45	1 6	1 45	2 19	23 32	0 17	21 19	0 44	20 38	0 42	9 45	9 46	10 27		n.a.
S 29	9 48	26 35	5 18	1 50	2 19	12 33	3 34	6 5	0 18	2 51	1 6	1 48	2 19	23 32	0 17	21 19	0 44	20 39	0 42	9 45	9 45	10 24		n.a.
S 30	10 11	23 5	5 7	1 36	2 26	12 6	3 19	6 23	0 17	2 56	1 6	1 51	2 19	23 33	0 17	21 19	0 44	20 39	0 42	9 45	9 44	10 20		n.a.
M31	10s34	18s 9	4s38	1s29	2n32	11s39	3s 4	6s40	0n16	3s 1	1n 6	1s53	2n19	23s33	0s17	21n19	0n44	20s40	0n41	9n45	9n43	10n17		n.a.

Julian Day Number = 1284126.5, Delta T = 08h05m21s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°36'02, Lahiri = -20°29'02 Julian Calendar 1 Oct. 1198 BCE == Greg. Calendar 20 Sept. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

NOVEMBER 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 54 44	27♎58'52	8♓22	9♎31	21°R40	18♎ 5	10♎15	10♎ 5	17♐48	29♋27	4♐14	24♈46	24♈37	12♍21	n.a.	T 1
W 2	1 58 41	29° 0'01	23° 6	9°46	21♎ 6	18°49	10°28	10°11	17°50	29°28	4°16	24°46	24°34	12°27	n.a.	W 2
T 3	2 2 38	0♏ 1'11	7♈55	10° 9	20°33	19°32	10°41	10°18	17°53	29°28	4°17	24°47	24°31	12°34	n.a.	T 3
F 4	2 6 34	1° 2'22	22°42	10°40	20° 2	20°16	10°54	10°25	17°56	29°28	4°19	24°R47	24°28	12°41	n.a.	F 4
S 5	2 10 31	2° 3'33	7♉19	11°18	19°32	21° 0	11° 7	10°32	17°58	29°29	4°21	24°47	24°24	12°48	n.a.	S 5
S 6	2 14 27	3° 4'45	21°41	12° 2	19° 4	21°44	11°20	10°38	18° 1	29°29	4°23	24°46	24°21	12°54	n.a.	S 6
M 7	2 18 24	4° 5'58	5♊41	12°53	18°38	22°28	11°33	10°45	18° 4	29°29	4°25	24°45	24°18	13° 1	n.a.	M 7
T 8	2 22 20	5° 7'12	19°17	13°48	18°14	23°12	11°46	10°51	18° 6	29°29	4°26	24°44	24°15	13° 8	n.a.	T 8
W 9	2 26 17	6° 8'26	2♋28	14°47	17°52	23°57	11°59	10°58	18° 9	29°29	4°28	24°43	24°12	13°14	n.a.	W 9
T 10	2 30 14	7° 9'41	15°15	15°50	17°32	24°41	12°11	11° 5	18°12	29°29	4°30	24°41	24° 9	13°21	n.a.	T 10
F 11	2 34 10	8°10'57	27°42	16°57	17°15	25°25	12°24	11°11	18°15	29°29	4°32	24°40	24° 5	13°28	n.a.	F 11
S 12	2 38 7	9°12'14	9♌53	18° 7	17° 0	26° 9	12°37	11°18	18°18	29°30	4°34	24°D40	24° 2	13°34	n.a.	S 12
S 13	2 42 3	10°13'31	21°51	19°19	16°48	26°54	12°50	11°24	18°21	29°R30	4°36	24°40	23°59	13°41	n.a.	S 13
M14	2 46 0	11°14'48	3♍42	20°33	16°38	27°38	13° 2	11°31	18°24	29°30	4°38	24°41	23°56	13°48	n.a.	M14
T 15	2 49 56	12°16'06	15°31	21°49	16°31	28°22	13°15	11°37	18°27	29°29	4°39	24°43	23°53	13°54	n.a.	T 15
W16	2 53 53	13°17'25	27°22	23° 8	16°26	29° 7	13°27	11°43	18°30	29°29	4°41	24°45	23°50	14° 1	n.a.	W16
T 17	2 57 49	14°18'44	9♎20	24°27	16°D24	29°51	13°40	11°50	18°33	29°29	4°43	24°46	23°46	14° 8	n.a.	T 17
F 18	3 1 46	15°20'03	21°26	25°48	16°24	0♏36	13°52	11°56	18°36	29°29	4°45	24°R47	23°43	14°14	n.a.	F 18
S 19	3 5 43	16°21'22	3♏45	27°10	16°27	1°20	14° 5	12° 2	18°39	29°29	4°47	24°46	23°40	14°21	n.a.	S 19
S 20	3 9 39	17°22'42	16°17	28°33	16°32	2° 5	14°17	12° 8	18°42	29°29	4°49	24°45	23°37	14°28	n.a.	S 20
M21	3 13 36	18°24'02	29° 3	29°57	16°39	2°50	14°29	12°14	18°45	29°28	4°51	24°42	23°34	14°34	n.a.	M21
T 22	3 17 32	19°25'22	12♐ 4	1♏22	16°49	3°35	14°42	12°21	18°48	29°28	4°53	24°39	23°30	14°41	n.a.	T 22
W23	3 21 29	20°26'41	25°18	2°48	17° 1	4°19	14°54	12°27	18°52	29°28	4°55	24°34	23°27	14°48	n.a.	W23
T 24	3 25 25	21°28'01	8♑46	4°14	17°15	5° 4	15° 6	12°33	18°55	29°27	4°57	24°30	23°24	14°54	n.a.	T 24
F 25	3 29 22	22°29'20	22°25	5°42	17°31	5°49	15°18	12°39	18°58	29°27	4°59	24°27	23°21	15° 1	n.a.	F 25
S 26	3 33 19	23°30'39	6♒14	7° 9	17°49	6°34	15°30	12°44	19° 1	29°26	5° 1	24°24	23°18	15° 8	n.a.	S 26
S 27	3 37 15	24°31'57	20°12	8°38	18°10	7°19	15°42	12°50	19° 5	29°26	5° 3	24°D23	23°15	15°14	n.a.	S 27
M28	3 41 12	25°33'14	4♓19	10° 6	18°32	8° 4	15°54	12°56	19° 8	29°26	5° 5	24°23	23°11	15°21	n.a.	M28
T 29	3 45 8	26°34'31	18°32	11°36	18°56	8°49	16° 5	13° 2	19°11	29°25	5° 7	24°24	23° 8	15°28	n.a.	T 29
W30	3 49 5	27♏35'47	2♈49	13♏ 5	19♎21	9♏34	16♎17	13♎ 7	19♐14	29♋24	5♐ 9	24♈26	23♈ 5	15♍34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s56	12s 7	3s50	1s27	2n36	11s11	2s49	6s58	0n16	3s 6	1n 6	1s56	2n19	23s33	0s17	21n19	0n44	20s40	0n41	9n45	9n42	10n14		n.a.
W 2	11 18	5 20	2 47	1 31	2 38	10 44	2 33	7 15	0 15	3 12	1 6	1 59	2 19	23 33	0 17	21 19	0 44	20 41	0 41	9 45	9 40	10 11		n.a.
T 3	11 40	1n47	1 32	1 39	2 39	10 17	2 18	7 33	0 14	3 17	1 6	2 1	2 19	23 34	0 17	21 19	0 44	20 41	0 41	9 45	9 39	10 8		n.a.
F 4	12 2	8 48	0 12	1 52	2 39	9 50	2 2	7 50	0 14	3 22	1 6	2 4	2 19	23 34	0 17	21 19	0 44	20 41	0 41	9 45	9 38	10 4		n.a.
S 5	12 23	15 16	1n 9	2 8	2 37	9 24	1 46	8 8	0 13	3 27	1 6	2 6	2 19	23 34	0 17	21 19	0 44	20 42	0 41	9 45	9 37	10 1		n.a.
S 6	12 45	20 48	2 24	2 28	2 35	8 59	1 31	8 25	0 13	3 32	1 7	2 9	2 19	23 34	0 17	21 19	0 44	20 42	0 41	9 45	9 36	9 58		n.a.
M 7	13 6	25 1	3 28	2 50	2 32	8 34	1 15	8 42	0 12	3 37	1 7	2 12	2 19	23 35	0 17	21 19	0 44	20 43	0 41	9 45	9 34	9 55		n.a.
T 8	13 27	27 41	4 18	3 16	2 28	8 11	1 0	8 59	0 11	3 43	1 7	2 14	2 19	23 35	0 17	21 19	0 44	20 43	0 41	9 44	9 33	9 51		n.a.
W 9	13 47	28 42	4 53	3 43	2 24	7 49	0 45	9 17	0 11	3 48	1 7	2 17	2 19	23 35	0 17	21 19	0 44	20 44	0 40	9 44	9 32	9 48		n.a.
T 10	14 8	28 7	5 12	4 12	2 19	7 27	0 30	9 34	0 10	3 53	1 7	2 19	2 19	23 35	0 17	21 19	0 44	20 44	0 40	9 43	9 31	9 45		n.a.
F 11	14 28	26 8	5 16	4 43	2 13	7 7	0 16	9 51	0 9	3 58	1 7	2 22	2 20	23 36	0 17	21 19	0 44	20 44	0 40	9 43	9 30	9 42		n.a.
S 12	14 48	22 58	5 6	5 16	2 7	6 49	0 1	10 8	0 9	4 3	1 7	2 24	2 20	23 36	0 17	21 19	0 44	20 45	0 40	9 43	9 29	9 38		n.a.
S 13	15 8	18 53	4 42	5 49	2 1	6 31	0n12	10 25	0 8	4 8	1 7	2 27	2 20	23 36	0 17	21 19	0 44	20 45	0 40	9 43	9 27	9 35		n.a.
M14	15 27	14 7	4 6	6 23	1 55	6 15	0 26	10 41	0 7	4 13	1 7	2 29	2 20	23 36	0 17	21 19	0 44	20 46	0 40	9 43	9 26	9 32		n.a.
T 15	15 46	8 52	3 20	6 58	1 48	6 0	0 39	10 58	0 7	4 18	1 7	2 32	2 20	23 37	0 17	21 19	0 44	20 46	0 40	9 44	9 25	9 29		n.a.
W16	16 5	3 17	2 26	7 34	1 41	5 47	0 51	11 15	0 6	4 23	1 7	2 34	2 20	23 37	0 17	21 19	0 44	20 47	0 40	9 44	9 24	9 25		n.a.
T 17	16 24	2s28	1 24	8 10	1 34	5 35	1 3	11 31	0 5	4 27	1 7	2 37	2 20	23 37	0 17	21 19	0 44	20 47	0 40	9 45	9 23	9 22		n.a.
F 18	16 42	8 13	0 18	8 47	1 27	5 24	1 15	11 48	0 5	4 32	1 7	2 39	2 20	23 37	0 17	21 19	0 44	20 48	0 40	9 45	9 21	9 19		n.a.
S 19	17 0	13 45	0s49	9 24	1 20	5 15	1 26	12 4	0 4	4 37	1 7	2 41	2 20	23 38	0 17	21 19	0 44	20 48	0 39	9 45	9 20	9 16		n.a.
S 20	17 18	18 50	1 56	10 1	1 12	5 7	1 37	12 21	0 3	4 42	1 7	2 44	2 20	23 38	0 17	21 19	0 44	20 49	0 39	9 45	9 19	9 12		n.a.
M21	17 36	23 10	2 58	10 38	1 5	5 1	1 47	12 37	0 3	4 47	1 7	2 46	2 20	23 38	0 17	21 20	0 44	20 49	0 39	9 44	9 18	9 9		n.a.
T 22	17 53	26 26	3 51	11 15	0 58	4 55	1 57	12 53	0 2	4 51	1 7	2 48	2 21	23 39	0 17	21 20	0 45	20 49	0 39	9 42	9 17	9 6		n.a.
W23	18 9	28 19	4 34	11 52	0 50	4 51	2 6	13 9	0 1	4 56	1 7	2 51	2 21	23 39	0 17	21 20	0 45	20 50	0 39	9 41	9 15	9 3		n.a.
T 24	18 26	28 33	5 2	12 28	0 43	4 48	2 15	13 25	0 1	5 1	1 7	2 53	2 21	23 39	0 17	21 20	0 45	20 50	0 39	9 39	9 14	8 59		n.a.
F 25	18 42	27 5	5 13	13 5	0 35	4 47	2 24	13 41	0 0	5 6	1 7	2 55	2 21	23 39	0 17	21 20	0 45	20 51	0 39	9 38	9 13	8 56		n.a.
S 26	18 58	23 58	5 7	13 41	0 28	4 47	2 32	13 56	0s 1	5 10	1 7	2 57	2 21	23 40	0 17	21 20	0 45	20 51	0 39	9 37	9 12	8 53		n.a.
S 27	19 13	19 26	4 42	14 17	0 21	4 47	2 39	14 12	0 1	5 15	1 7	2 59	2 21	23 40	0 17	21 20	0 45	20 52	0 39	9 36	9 11	8 50		n.a.
M28	19 28	13 49	4 0	14 53	0 14	4 49	2 46	14 28	0 2	5 19	1 7	3 2	2 21	23 40	0 17	21 20	0 45	20 52	0 39	9 36	9 9	8 46		n.a.
T 29	19 43	7 25	3 4	15 28	0 6	4 52	2 53	14 43	0 3	5 24	1 7	3 4	2 21	23 41	0 17	21 21	0 45	20 53	0 39	9 37	9 8	8 43		n.a.
W30	19s57	0s37	1s55	16s 2	0s 1	4s56	3n 0	14s58	0s 3	5s28	1n 7	3s 6	2n22	23s41	0s17	21n21	0n45	20s53	0n38	9n37	9n 7	8n40		n.a.

Julian Day Number = 1284157.5, Delta T = 08h05m19s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'58, Lahiri = -20°28'57 Julian Calendar 1 Nov. 1198 BCE == Greg. Calendar 21 Oct. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1198 BCE
geocentric

DECEMBER 1198 BCE (-1197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 1	28♏37'03	17♈ 9	14♏36	19♎49	10♏19	16♎29	13♎13	19♐18	29°R24	5♐11	24°R27	23♈ 2	15♍41	n.a.	T 1
F 2	3 56 58	29°38'18	1♉28	16° 6	20°18	11° 4	16°40	13°19	19°21	29♋23	5°13	24♈27	22°59	15°48	n.a.	F 2
S 3	4 0 54	0♐39'32	15°40	17°38	20°48	11°49	16°52	13°24	19°24	29°23	5°15	24°25	22°56	15°54	n.a.	S 3
S 4	4 4 51	1°40'46	29°43	19° 9	21°21	12°34	17° 3	13°30	19°28	29°22	5°17	24°22	22°52	16° 1	n.a.	S 4
M 5	4 8 48	2°41'59	13♊31	20°41	21°54	13°19	17°14	13°35	19°31	29°21	5°19	24°16	22°49	16° 8	n.a.	M 5
T 6	4 12 44	3°43'12	27° 1	22°14	22°30	14° 5	17°25	13°40	19°35	29°20	5°22	24° 9	22°46	16°15	n.a.	T 6
W 7	4 16 41	4°44'25	10♋11	23°47	23° 6	14°50	17°37	13°46	19°38	29°20	5°24	24° 2	22°43	16°21	n.a.	W 7
T 8	4 20 37	5°45'37	23° 0	25°21	23°44	15°35	17°48	13°51	19°42	29°19	5°26	23°55	22°40	16°28	n.a.	T 8
F 9	4 24 34	6°46'48	5♌30	26°55	24°23	16°20	17°59	13°56	19°45	29°18	5°28	23°49	22°36	16°35	n.a.	F 9
S 10	4 28 30	7°47'59	17°42	28°29	25° 4	17° 6	18°10	14° 1	19°48	29°17	5°30	23°45	22°33	16°41	n.a.	S 10
S 11	4 32 27	8°49'09	29°42	0♐ 4	25°45	17°51	18°20	14° 6	19°52	29°16	5°32	23°43	22°30	16°48	n.a.	S 11
M12	4 36 24	9°50'19	11♍34	1°40	26°28	18°37	18°31	14°11	19°55	29°15	5°34	23°D42	22°27	16°55	n.a.	M12
T 13	4 40 20	10°51'28	23°23	3°16	27°12	19°22	18°42	14°16	19°59	29°14	5°36	23°43	22°24	17° 1	n.a.	T 13
W14	4 44 17	11°52'37	5♎14	4°53	27°57	20° 8	18°52	14°21	20° 2	29°13	5°38	23°44	22°21	17° 8	n.a.	W14
T 15	4 48 13	12°53'45	17°13	6°30	28°42	20°53	19° 3	14°25	20° 6	29°12	5°40	23°45	22°17	17°15	n.a.	T 15
F 16	4 52 10	13°54'52	29°24	8° 8	29°29	21°39	19°13	14°30	20° 9	29°11	5°42	23°R45	22°14	17°21	n.a.	F 16
S 17	4 56 6	14°55'58	11♏51	9°46	0♏17	22°25	19°23	14°35	20°13	29°10	5°44	23°44	22°11	17°28	n.a.	S 17
S 18	5 0 3	15°57'04	24°37	11°25	1° 5	23°10	19°33	14°39	20°16	29° 9	5°46	23°39	22° 8	17°35	n.a.	S 18
M19	5 3 59	16°58'09	7♐42	13° 5	1°55	23°56	19°43	14°44	20°20	29° 8	5°48	23°33	22° 5	17°41	n.a.	M19
T 20	5 7 56	17°59'12	21° 7	14°45	2°45	24°42	19°53	14°48	20°23	29° 7	5°50	23°24	22° 2	17°48	n.a.	T 20
W21	5 11 53	19° 0'15	4♑48	16°26	3°36	25°27	20° 3	14°52	20°27	29° 6	5°52	23°14	21°58	17°55	n.a.	W21
T 22	5 15 49	20° 1'16	18°44	18° 8	4°28	26°13	20°13	14°56	20°30	29° 4	5°54	23° 4	21°55	18° 1	n.a.	T 22
F 23	5 19 46	21° 2'16	2♒49	19°50	5°20	26°59	20°22	15° 1	20°34	29° 3	5°56	22°56	21°52	18° 8	n.a.	F 23
S 24	5 23 42	22° 3'15	16°58	21°33	6°13	27°45	20°32	15° 5	20°37	29° 2	5°58	22°49	21°49	18°15	n.a.	S 24
S 25	5 27 39	23° 4'11	1♓10	23°17	7° 7	28°31	20°41	15° 9	20°41	29° 1	6° 0	22°44	21°46	18°21	n.a.	S 25
M26	5 31 35	24° 5'07	15°19	25° 1	8° 1	29°17	20°51	15°12	20°44	28°59	6° 2	22°42	21°42	18°28	n.a.	M26
T 27	5 35 32	25° 6'00	29°26	26°46	8°56	0♐ 3	21° 0	15°16	20°48	28°58	6° 4	22°D42	21°39	18°35	n.a.	T 27
W28	5 39 29	26° 6'52	13♈28	28°32	9°51	0°49	21° 9	15°20	20°51	28°57	6° 6	22°42	21°36	18°41	n.a.	W28
T 29	5 43 25	27° 7'42	27°25	0♑18	10°48	1°35	21°18	15°24	20°55	28°56	6° 8	22°R42	21°33	18°48	n.a.	T 29
F 30	5 47 22	28° 8'31	11♉16	2° 5	11°44	2°20	21°26	15°27	20°59	28°54	6°10	22°41	21°30	18°55	n.a.	F 30
S 31	5 51 18	29♐ 9'18	25♉ 1	3♑53	12♏41	3♐ 7	21♎35	15♎31	21♐ 2	28♋53	6♐12	22♈37	21♈27	19♍ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s11	6n14	0s40	16s36	0s 8	5s 1	3n 6	15s13	0s 4	5s33	1n 7	3s 8	2n22	23s41	0s17	21n21	0n45	20s54	0n38	9n38	9n 6	8n36		n.a.
F 2	20 25	12 46	0n38	17 10	0 14	5 7	3 11	15 28	0 5	5 37	1 8	3 10	2 22	23 41	0 17	21 21	0 45	20 54	0 38	9 38	9 5	8 33		n.a.
S 3	20 38	18 36	1 53	17 43	0 21	5 14	3 16	15 43	0 5	5 42	1 8	3 12	2 22	23 42	0 17	21 21	0 45	20 55	0 38	9 37	9 3	8 30		n.a.
S 4	20 51	23 21	3 0	18 15	0 28	5 21	3 21	15 58	0 6	5 46	1 8	3 14	2 22	23 42	0 17	21 21	0 45	20 55	0 38	9 36	9 2	8 27		n.a.
M 5	21 3	26 42	3 55	18 46	0 34	5 30	3 26	16 12	0 7	5 50	1 8	3 16	2 22	23 42	0 17	21 22	0 45	20 56	0 38	9 34	9 1	8 23		n.a.
T 6	21 15	28 24	4 36	19 17	0 41	5 39	3 30	16 27	0 8	5 55	1 8	3 18	2 22	23 42	0 17	21 22	0 45	20 56	0 38	9 31	9 0	8 20		n.a.
W 7	21 26	28 26	5 1	19 47	0 47	5 49	3 34	16 41	0 8	5 59	1 8	3 20	2 23	23 43	0 17	21 22	0 45	20 56	0 38	9 28	8 59	8 17		n.a.
T 8	21 37	26 55	5 9	20 16	0 53	6 0	3 37	16 55	0 9	6 3	1 8	3 22	2 23	23 43	0 17	21 22	0 45	20 57	0 38	9 26	8 57	8 13		n.a.
F 9	21 48	24 6	5 3	20 45	0 59	6 12	3 41	17 9	0 10	6 7	1 8	3 24	2 23	23 43	0 17	21 22	0 45	20 57	0 38	9 24	8 56	8 10		n.a.
S 10	21 58	20 16	4 43	21 12	1 4	6 24	3 43	17 23	0 10	6 11	1 8	3 26	2 23	23 44	0 17	21 23	0 45	20 58	0 37	9 22	8 55	8 7		n.a.
S 11	22 8	15 40	4 11	21 38	1 10	6 37	3 46	17 37	0 11	6 15	1 8	3 27	2 23	23 44	0 17	21 23	0 45	20 58	0 37	9 21	8 54	8 3		n.a.
M12	22 18	10 32	3 28	22 4	1 15	6 50	3 48	17 50	0 12	6 19	1 8	3 29	2 23	23 44	0 17	21 23	0 45	20 59	0 37	9 21	8 53	8 0		n.a.
T 13	22 27	5 3	2 37	22 28	1 20	7 4	3 51	18 4	0 12	6 24	1 8	3 31	2 24	23 44	0 17	21 23	0 45	20 59	0 37	9 21	8 51	7 57		n.a.
W14	22 35	0s37	1 38	22 51	1 25	7 18	3 52	18 17	0 13	6 27	1 8	3 33	2 24	23 45	0 17	21 24	0 45	21 0	0 37	9 22	8 50	7 54		n.a.
T 15	22 43	6 20	0 35	23 13	1 29	7 33	3 54	18 30	0 14	6 31	1 9	3 34	2 24	23 45	0 17	21 24	0 45	21 0	0 37	9 22	8 49	7 50		n.a.
F 16	22 51	11 55	0s30	23 34	1 34	7 49	3 55	18 43	0 15	6 35	1 9	3 36	2 24	23 45	0 17	21 24	0 45	21 1	0 37	9 22	8 48	7 47		n.a.
S 17	22 58	17 10	1 36	23 54	1 38	8 5	3 56	18 56	0 15	6 39	1 9	3 38	2 24	23 45	0 17	21 24	0 45	21 1	0 37	9 22	8 47	7 44		n.a.
S 18	23 5	21 47	2 38	24 12	1 41	8 21	3 57	19 8	0 16	6 43	1 9	3 39	2 25	23 46	0 17	21 25	0 45	21 1	0 37	9 20	8 45	7 40		n.a.
M19	23 11	25 28	3 33	24 29	1 45	8 37	3 58	19 20	0 17	6 47	1 9	3 41	2 25	23 46	0 17	21 25	0 45	21 2	0 37	9 18	8 44	7 37		n.a.
T 20	23 17	27 50	4 18	24 44	1 48	8 54	3 58	19 32	0 17	6 50	1 9	3 42	2 25	23 46	0 17	21 25	0 45	21 2	0 37	9 14	8 43	7 34		n.a.
W21	23 22	28 34	4 49	24 58	1 51	9 12	3 58	19 44	0 18	6 54	1 9	3 44	2 25	23 47	0 17	21 25	0 46	21 3	0 36	9 11	8 42	7 30		n.a.
T 22	23 27	27 31	5 4	25 11	1 53	9 29	3 58	19 56	0 19	6 58	1 9	3 45	2 25	23 47	0 17	21 26	0 46	21 3	0 36	9 7	8 41	7 27		n.a.
F 23	23 32	24 43	5 0	25 22	1 56	9 47	3 58	20 8	0 20	7 1	1 9	3 47	2 25	23 47	0 17	21 26	0 46	21 4	0 36	9 3	8 39	7 24		n.a.
S 24	23 36	20 25	4 38	25 31	1 57	10 5	3 58	20 19	0 20	7 5	1 9	3 48	2 26	23 47	0 17	21 26	0 46	21 4	0 36	9 1	8 38	7 20		n.a.
S 25	23 39	14 57	3 59	25 38	1 59	10 23	3 57	20 30	0 21	7 8	1 10	3 49	2 26	23 48	0 17	21 27	0 46	21 5	0 36	8 59	8 37	7 17		n.a.
M26	23 42	8 43	3 6	25 44	2 0	10 41	3 56	20 41	0 22	7 12	1 10	3 51	2 26	23 48	0 17	21 27	0 46	21 5	0 36	8 58	8 36	7 14		n.a.
T 27	23 45	2 4	2 1	25 48	2 0	11 0	3 56	20 52	0 22	7 15	1 10	3 52	2 26	23 48	0 17	21 27	0 46	21 5	0 36	8 58	8 35	7 10		n.a.
W28	23 47	4n39	0 49	25 50	2 0	11 19	3 54	21 2	0 23	7 18	1 10	3 53	2 26	23 48	0 17	21 27	0 46	21 6	0 36	8 58	8 33	7 7		n.a.
T 29	23 48	11 7	0n25	25 50	2 0	11 37	3 53	21 13	0 24	7 22	1 10	3 55	2 27	23 49	0 17	21 28	0 46	21 6	0 36	8 59	8 32	7 4		n.a.
F 30	23 50	17 0	1 37	25 48	1 59	11 56	3 52	21 23	0 25	7 25	1 10	3 56	2 27	23 49	0 17	21 28	0 46	21 7	0 36	8 58	8 31	7 0		n.a.
S 31	23s50	21n58	2n43	25s44	1s58	12s15	3n50	21s33	0s25	7s28	1n10	3s57	2n27	23s49	0s17	21n28	0n46	21s 7	0n36	8n56	8n30	6n57		n.a.

Julian Day Number = 1284187.5, Delta T = 08h05m18s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'54, Lahiri = -20°28'53 Julian Calendar 1 Dec. 1198 BCE == Greg. Calendar 20 Nov. 1198 BCE

The year -1197 astronomical counting style corresponds to year 1198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

JANUARY 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 55 15	0♉10'03	8♊37	5♉41	13♏39	3♐53	21♎44	15♎34	21♐ 5	28°R51	6♐14	22°R30	21♈23	19♍ 8	n.a.	S 1
M 2	5 59 11	1°10'46	22° 3	7°29	14°37	4°39	21°52	15°37	21° 9	28♋50	6°15	22♈20	21°20	19°15	n.a.	M 2
T 3	6 3 8	2°11'29	5♋15	9°18	15°36	5°25	22° 0	15°41	21°12	28°49	6°17	22° 9	21°17	19°21	n.a.	T 3
W 4	6 7 4	3°12'09	18°12	11° 8	16°35	6°11	22° 9	15°44	21°16	28°47	6°19	21°56	21°14	19°28	n.a.	W 4
T 5	6 11 1	4°12'48	0♌54	12°57	17°34	6°57	22°17	15°47	21°19	28°46	6°21	21°43	21°11	19°35	n.a.	T 5
F 6	6 14 58	5°13'26	13°19	14°46	18°34	7°43	22°25	15°50	21°23	28°44	6°23	21°32	21° 8	19°41	n.a.	F 6
S 7	6 18 54	6°14'01	25°30	16°35	19°34	8°29	22°32	15°53	21°26	28°43	6°25	21°23	21° 4	19°48	n.a.	S 7
S 8	6 22 51	7°14'36	7♍30	18°24	20°35	9°16	22°40	15°55	21°30	28°41	6°27	21°16	21° 1	19°55	n.a.	S 8
M 9	6 26 47	8°15'09	19°21	20°12	21°36	10° 2	22°47	15°58	21°33	28°40	6°28	21°13	20°58	20° 1	n.a.	M 9
T 10	6 30 44	9°15'40	1♎10	21°59	22°37	10°48	22°55	16° 1	21°36	28°38	6°30	21°11	20°55	20° 8	n.a.	T 10
W11	6 34 40	10°16'10	13° 0	23°45	23°39	11°34	23° 2	16° 3	21°40	28°36	6°32	21°D11	20°52	20°15	n.a.	W11
T 12	6 38 37	11°16'38	24°58	25°29	24°41	12°21	23° 9	16° 5	21°43	28°35	6°34	21°R11	20°48	20°21	n.a.	T 12
F 13	6 42 33	12°17'05	7♏ 9	27°11	25°44	13° 7	23°16	16° 8	21°47	28°33	6°35	21°10	20°45	20°28	n.a.	F 13
S 14	6 46 30	13°17'31	19°39	28°51	26°46	13°53	23°23	16°10	21°50	28°32	6°37	21° 7	20°42	20°35	n.a.	S 14
S 15	6 50 27	14°17'54	2♐30	0♒27	27°49	14°40	23°29	16°12	21°53	28°30	6°39	21° 2	20°39	20°41	n.a.	S 15
M16	6 54 23	15°18'17	15°46	2° 0	28°53	15°26	23°36	16°14	21°57	28°29	6°41	20°54	20°36	20°48	n.a.	M16
T 17	6 58 20	16°18'37	29°27	3°28	29°56	16°12	23°42	16°16	22° 0	28°27	6°42	20°43	20°33	20°55	n.a.	T 17
W18	7 2 16	17°18'56	13♉30	4°52	1♐ 0	16°59	23°48	16°18	22° 3	28°25	6°44	20°31	20°29	21° 1	n.a.	W18
T 19	7 6 13	18°19'12	27°52	6°10	2° 4	17°45	23°54	16°19	22° 6	28°24	6°46	20°18	20°26	21° 8	n.a.	T 19
F 20	7 10 9	19°19'27	12♒25	7°22	3° 8	18°32	24° 0	16°21	22°10	28°22	6°47	20° 7	20°23	21°15	n.a.	F 20
S 21	7 14 6	20°19'40	27° 2	8°27	4°13	19°18	24° 6	16°23	22°13	28°20	6°49	19°58	20°20	21°21	n.a.	S 21
S 22	7 18 2	21°19'50	11♓36	9°24	5°18	20° 4	24°11	16°24	22°16	28°19	6°50	19°51	20°17	21°28	n.a.	S 22
M23	7 21 59	22°19'58	26° 3	10°14	6°23	20°51	24°17	16°25	22°19	28°17	6°52	19°48	20°14	21°35	n.a.	M23
T 24	7 25 56	23°20'04	10♈17	10°56	7°28	21°37	24°22	16°27	22°22	28°15	6°53	19°47	20°10	21°41	n.a.	T 24
W25	7 29 52	24°20'07	24°19	11°29	8°33	22°24	24°27	16°28	22°25	28°14	6°55	19°46	20° 7	21°48	n.a.	W25
T 26	7 33 49	25°20'08	8♉ 7	11°52	9°39	23°10	24°32	16°29	22°29	28°12	6°56	19°46	20° 4	21°55	n.a.	T 26
F 27	7 37 45	26°20'07	21°43	12° 7	10°45	23°57	24°37	16°30	22°32	28°10	6°58	19°44	20° 1	22° 1	n.a.	F 27
S 28	7 41 42	27°20'03	5♊ 7	12°R12	11°50	24°43	24°41	16°31	22°35	28° 9	6°59	19°40	19°58	22° 8	n.a.	S 28
S 29	7 45 38	28°19'57	18°20	12° 9	12°57	25°30	24°46	16°31	22°38	28° 7	7° 1	19°33	19°54	22°15	n.a.	S 29
M30	7 49 35	29°19'49	1♋22	11°56	14° 3	26°16	24°50	16°32	22°41	28° 5	7° 2	19°23	19°51	22°21	n.a.	M30
T 31	7 53 31	0♒19'39	14♋13	11♒35	15♐ 9	27♐ 3	24♎54	16♎32	22♐44	28♋ 4	7♐ 4	19♈10	19♈48	22♍28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s50	25n42	3n38	25 s38	1 s56	12 s34	3n48	21 s42	0 s26	7 s31	1n10	3 s58	2n27	23 s49	0 s17	21n29	0n46	21 s 7	0n36	8n54	8n29	6n54		n.a.
M 2	23 50	27 56	4 21	25 30	1 53	12 53	3 47	21 52	0 27	7 34	1 11	3 59	2 27	23 50	0 17	21 29	0 46	21 8	0 35	8 50	8 27	6 50		n.a.
T 3	23 49	28 32	4 49	25 20	1 50	13 12	3 45	22 1	0 28	7 37	1 11	4 0	2 28	23 50	0 17	21 29	0 46	21 8	0 35	8 46	8 26	6 47		n.a.
W 4	23 48	27 32	5 1	25 8	1 46	13 31	3 42	22 10	0 28	7 40	1 11	4 1	2 28	23 50	0 17	21 30	0 46	21 9	0 35	8 41	8 25	6 44		n.a.
T 5	23 46	25 7	4 58	24 53	1 42	13 50	3 40	22 19	0 29	7 43	1 11	4 2	2 28	23 50	0 17	21 30	0 46	21 9	0 35	8 36	8 24	6 40		n.a.
F 6	23 44	21 34	4 40	24 36	1 37	14 9	3 38	22 27	0 30	7 46	1 11	4 3	2 28	23 51	0 17	21 30	0 46	21 10	0 35	8 32	8 23	6 37		n.a.
S 7	23 41	17 9	4 10	24 18	1 31	14 28	3 35	22 35	0 30	7 49	1 11	4 4	2 29	23 51	0 17	21 31	0 46	21 10	0 35	8 28	8 21	6 33		n.a.
S 8	23 38	12 8	3 30	23 57	1 24	14 47	3 33	22 43	0 31	7 52	1 11	4 5	2 29	23 51	0 17	21 31	0 46	21 10	0 35	8 26	8 20	6 30		n.a.
M 9	23 35	6 44	2 40	23 34	1 17	15 5	3 30	22 51	0 32	7 54	1 11	4 6	2 29	23 51	0 17	21 31	0 46	21 11	0 35	8 25	8 19	6 27		n.a.
T 10	23 31	1 7	1 44	23 9	1 9	15 24	3 27	22 59	0 33	7 57	1 12	4 7	2 29	23 52	0 17	21 32	0 46	21 11	0 35	8 24	8 18	6 23		n.a.
W11	23 26	4 s33	0 43	22 42	1 0	15 42	3 24	23 6	0 33	7 59	1 12	4 7	2 29	23 52	0 17	21 32	0 46	21 12	0 35	8 24	8 16	6 20		n.a.
T 12	23 21	10 8	0 s20	22 14	0 51	16 0	3 21	23 13	0 34	8 2	1 12	4 8	2 30	23 52	0 17	21 32	0 46	21 12	0 35	8 24	8 15	6 17		n.a.
F 13	23 16	15 27	1 24	21 44	0 41	16 18	3 18	23 20	0 35	8 4	1 12	4 9	2 30	23 52	0 17	21 33	0 46	21 12	0 35	8 24	8 14	6 13		n.a.
S 14	23 10	20 15	2 25	21 13	0 29	16 36	3 15	23 26	0 35	8 7	1 12	4 9	2 30	23 52	0 17	21 33	0 46	21 13	0 34	8 22	8 13	6 10		n.a.
S 15	23 3	24 16	3 20	20 41	0 18	16 54	3 12	23 32	0 36	8 9	1 12	4 10	2 30	23 53	0 18	21 33	0 46	21 13	0 34	8 20	8 12	6 7		n.a.
M16	22 57	27 9	4 6	20 8	0 5	17 11	3 8	23 38	0 37	8 12	1 12	4 11	2 31	23 53	0 18	21 34	0 46	21 13	0 34	8 17	8 10	6 3		n.a.
T 17	22 49	28 30	4 40	19 34	0n 8	17 28	3 5	23 44	0 38	8 14	1 13	4 11	2 31	23 53	0 18	21 34	0 46	21 14	0 34	8 13	8 9	6 0		n.a.
W18	22 42	28 5	4 58	19 1	0 22	17 45	3 1	23 49	0 38	8 16	1 13	4 12	2 31	23 53	0 18	21 34	0 46	21 14	0 34	8 9	8 8	5 56		n.a.
T 19	22 34	25 47	4 57	18 27	0 36	18 1	2 58	23 55	0 39	8 18	1 13	4 12	2 31	23 54	0 18	21 35	0 46	21 15	0 34	8 4	8 7	5 53		n.a.
F 20	22 25	21 48	4 38	17 55	0 51	18 17	2 54	24 0	0 40	8 20	1 13	4 12	2 32	23 54	0 18	21 35	0 46	21 15	0 34	7 59	8 6	5 50		n.a.
S 21	22 16	16 27	4 0	17 23	1 6	18 33	2 50	24 4	0 40	8 22	1 13	4 13	2 32	23 54	0 18	21 36	0 46	21 15	0 34	7 56	8 4	5 46		n.a.
S 22	22 7	10 12	3 7	16 53	1 22	18 49	2 47	24 9	0 41	8 24	1 13	4 13	2 32	23 54	0 18	21 36	0 46	21 16	0 34	7 53	8 3	5 43		n.a.
M23	21 57	3 27	2 2	16 24	1 38	19 4	2 43	24 13	0 42	8 26	1 13	4 13	2 32	23 54	0 18	21 36	0 46	21 16	0 34	7 52	8 2	5 39		n.a.
T 24	21 47	3n23	0 50	15 58	1 53	19 18	2 39	24 17	0 42	8 28	1 14	4 14	2 32	23 55	0 18	21 37	0 46	21 16	0 34	7 52	8 1	5 36		n.a.
W25	21 36	9 57	0n24	15 34	2 8	19 33	2 35	24 20	0 43	8 29	1 14	4 14	2 33	23 55	0 18	21 37	0 46	21 17	0 34	7 52	7 59	5 33		n.a.
T 26	21 26	15 57	1 35	15 13	2 23	19 47	2 31	24 23	0 44	8 31	1 14	4 14	2 33	23 55	0 18	21 37	0 46	21 17	0 33	7 51	7 58	5 29		n.a.
F 27	21 14	21 4	2 40	14 55	2 38	20 0	2 27	24 26	0 45	8 33	1 14	4 14	2 33	23 55	0 18	21 38	0 46	21 17	0 33	7 51	7 57	5 26		n.a.
S 28	21 2	25 2	3 35	14 41	2 52	20 13	2 23	24 29	0 45	8 34	1 14	4 14	2 33	23 55	0 18	21 38	0 46	21 18	0 33	7 49	7 56	5 23		n.a.
S 29	20 50	27 36	4 18	14 29	3 4	20 26	2 19	24 32	0 46	8 36	1 14	4 14	2 34	23 55	0 18	21 38	0 46	21 18	0 33	7 46	7 55	5 19		n.a.
M30	20 38	28 36	4 46	14 22	3 16	20 38	2 15	24 34	0 47	8 37	1 14	4 14	2 34	23 56	0 18	21 39	0 46	21 18	0 33	7 42	7 53	5 16		n.a.
T 31	20 s25	28n 1	4n59	14 s18	3n27	20 s50	2n11	24 s36	0 s47	8 s39	1n15	4 s14	2n34	23 s56	0 s18	21n39	0n46	21 s19	0n33	7n38	7n52	5n12		n.a.

Julian Day Number = 1284218.5, Delta T = 08h05m16s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'50, Lahiri = -20°28'49 Julian Calendar 1 Jan. 1197 BCE == Greg. Calendar 21 Dec. 1198 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

FEBRUARY 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 57 28	1♒19'26	26♋52	11°R 6	16♐16	27♐49	24♎58	16♎33	22♐47	28°R 2	7♐ 5	18°R57	19♈45	22♍35	n.a.	W 1
T 2	8 1 25	2°19'12	9♌19	10♒30	17°23	28°36	25° 2	16°33	22°50	28♋ 0	7° 6	18♈43	19°42	22°41	n.a.	T 2
F 3	8 5 21	3°18'55	21°34	9°47	18°30	29°22	25° 5	16°33	22°52	27°59	7° 8	18°31	19°39	22°48	n.a.	F 3
S 4	8 9 18	4°18'36	3♍39	9° 0	19°37	0♑ 9	25° 8	16°34	22°55	27°57	7° 9	18°21	19°35	22°55	n.a.	S 4
S 5	8 13 14	5°18'15	15°35	8° 8	20°44	0°55	25°12	16°R34	22°58	27°56	7°10	18°14	19°32	23° 1	n.a.	S 5
M 6	8 17 11	6°17'52	27°24	7°13	21°51	1°42	25°15	16°34	23° 1	27°54	7°11	18°10	19°29	23° 8	n.a.	M 6
T 7	8 21 7	7°17'27	9♎12	6°17	22°59	2°28	25°17	16°33	23° 4	27°52	7°13	18° 8	19°26	23°15	n.a.	T 7
W 8	8 25 4	8°17'00	21° 1	5°20	24° 7	3°15	25°20	16°33	23° 6	27°51	7°14	18°D 7	19°23	23°21	n.a.	W 8
T 9	8 29 0	9°16'31	2♏58	4°25	25°14	4° 2	25°23	16°33	23° 9	27°49	7°15	18° 8	19°20	23°28	n.a.	T 9
F 10	8 32 57	10°16'00	15° 7	3°31	26°22	4°48	25°25	16°32	23°12	27°47	7°16	18°R 8	19°16	23°35	n.a.	F 10
S 11	8 36 54	11°15'28	27°35	2°40	27°30	5°35	25°27	16°32	23°14	27°46	7°17	18° 6	19°13	23°41	n.a.	S 11
S 12	8 40 50	12°14'53	10♐25	1°53	28°39	6°21	25°29	16°31	23°17	27°44	7°18	18° 3	19°10	23°48	n.a.	S 12
M13	8 44 47	13°14'17	23°42	1°10	29°47	7° 8	25°31	16°30	23°20	27°43	7°19	17°57	19° 7	23°55	n.a.	M13
T 14	8 48 43	14°13'39	7♑27	0°32	0♑55	7°54	25°32	16°29	23°22	27°41	7°20	17°49	19° 4	24° 1	n.a.	T 14
W15	8 52 40	15°12'58	21°39	0° 0	2° 4	8°41	25°33	16°29	23°25	27°39	7°21	17°40	19° 0	24° 8	n.a.	W15
T 16	8 56 36	16°12'16	6♒15	29♑34	3°12	9°27	25°35	16°28	23°27	27°38	7°22	17°30	18°57	24°15	n.a.	T 16
F 17	9 0 33	17°11'31	21° 7	29°13	4°21	10°14	25°36	16°26	23°29	27°36	7°23	17°20	18°54	24°21	n.a.	F 17
S 18	9 4 29	18°10'45	6♓ 7	28°58	5°30	11° 0	25°36	16°25	23°32	27°35	7°24	17°13	18°51	24°28	n.a.	S 18
S 19	9 8 26	19° 9'55	21° 5	28°49	6°39	11°47	25°37	16°24	23°34	27°33	7°25	17° 8	18°48	24°35	n.a.	S 19
M20	9 12 22	20° 9'04	5♈53	28°D46	7°47	12°33	25°37	16°22	23°37	27°32	7°26	17° 6	18°45	24°41	n.a.	M20
T 21	9 16 19	21° 8'10	20°26	28°49	8°56	13°20	25°38	16°21	23°39	27°30	7°27	17°D 5	18°41	24°48	n.a.	T 21
W22	9 20 16	22° 7'13	4♉40	28°57	10° 6	14° 6	25°R38	16°19	23°41	27°29	7°28	17° 6	18°38	24°54	n.a.	W22
T 23	9 24 12	23° 6'15	18°33	29°10	11°15	14°53	25°37	16°18	23°43	27°27	7°29	17°R 7	18°35	25° 1	n.a.	T 23
F 24	9 28 9	24° 5'13	2♊ 6	29°28	12°24	15°39	25°37	16°16	23°45	27°26	7°29	17° 6	18°32	25° 8	n.a.	F 24
S 25	9 32 5	25° 4'10	15°22	29°51	13°33	16°26	25°36	16°14	23°48	27°24	7°30	17° 4	18°29	25°14	n.a.	S 25
S 26	9 36 2	26° 3'03	28°21	0♒19	14°43	17°12	25°36	16°12	23°50	27°23	7°31	17° 0	18°26	25°21	n.a.	S 26
M27	9 39 58	27° 1'55	11♋ 6	0°51	15°52	17°59	25°35	16°10	23°52	27°21	7°31	16°54	18°22	25°28	n.a.	M27
T 28	9 43 55	28° 0'44	23°39	1°27	17° 2	18°45	25°34	16° 8	23°54	27°20	7°32	16°46	18°19	25°34	n.a.	T 28
W29	9 47 51	28♒59'31	6♌ 0	2♒ 7	18♑11	19♑31	25♎32	16♎ 5	23♐56	27♋19	7♐33	16♈37	18♈16	25♍41	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s12	26n 0	4n57	14s17	3n35	21s 1	2n 7	24s37	0s48	8s40	1n15	4s14	2n34	23s56	0s18	21n39	0n46	21s19	0n33	7n32	7n51	5n 9		n.a.
T 2	19 58	22 44	4 42	14 20	3 43	21 12	2 2	24 39	0 49	8 41	1 15	4 14	2 35	23 56	0 18	21 40	0 46	21 19	0 33	7 27	7 50	5 6		n.a.
F 3	19 44	18 31	4 13	14 26	3 48	21 22	1 58	24 40	0 49	8 42	1 15	4 14	2 35	23 56	0 18	21 40	0 46	21 19	0 33	7 23	7 49	5 2		n.a.
S 4	19 30	13 38	3 33	14 36	3 51	21 32	1 54	24 40	0 50	8 43	1 15	4 14	2 35	23 57	0 18	21 40	0 46	21 20	0 33	7 19	7 47	4 59		n.a.
S 5	19 16	8 17	2 44	14 48	3 53	21 41	1 50	24 41	0 51	8 44	1 15	4 14	2 35	23 57	0 18	21 41	0 46	21 20	0 33	7 16	7 46	4 55		n.a.
M 6	19 1	2 42	1 48	15 2	3 52	21 50	1 46	24 41	0 51	8 45	1 16	4 14	2 35	23 57	0 18	21 41	0 46	21 20	0 33	7 14	7 45	4 52		n.a.
T 7	18 45	2s59	0 47	15 19	3 50	21 58	1 41	24 41	0 52	8 46	1 16	4 13	2 36	23 57	0 18	21 42	0 46	21 21	0 32	7 13	7 44	4 49		n.a.
W 8	18 30	8 34	0s15	15 37	3 45	22 5	1 37	24 41	0 53	8 47	1 16	4 13	2 36	23 57	0 18	21 42	0 46	21 21	0 32	7 13	7 42	4 45		n.a.
T 9	18 14	13 56	1 18	15 56	3 39	22 12	1 33	24 40	0 53	8 48	1 16	4 13	2 36	23 57	0 18	21 42	0 46	21 21	0 32	7 13	7 41	4 42		n.a.
F 10	17 58	18 51	2 19	16 17	3 31	22 19	1 28	24 39	0 54	8 48	1 16	4 12	2 36	23 58	0 18	21 43	0 46	21 21	0 32	7 13	7 40	4 38		n.a.
S 11	17 41	23 5	3 14	16 38	3 21	22 25	1 24	24 38	0 55	8 49	1 16	4 12	2 37	23 58	0 18	21 43	0 46	21 22	0 32	7 13	7 39	4 35		n.a.
S 12	17 25	26 22	4 1	16 59	3 11	22 30	1 20	24 36	0 55	8 50	1 17	4 11	2 37	23 58	0 18	21 43	0 46	21 22	0 32	7 12	7 38	4 31		n.a.
M13	17 7	28 18	4 37	17 20	2 59	22 35	1 16	24 35	0 56	8 50	1 17	4 11	2 37	23 58	0 18	21 44	0 46	21 22	0 32	7 9	7 36	4 28		n.a.
T 14	16 50	28 36	4 59	17 40	2 46	22 39	1 11	24 32	0 57	8 51	1 17	4 10	2 37	23 58	0 18	21 44	0 47	21 22	0 32	7 6	7 35	4 25		n.a.
W15	16 32	27 3	5 3	18 0	2 33	22 42	1 7	24 30	0 57	8 51	1 17	4 10	2 38	23 58	0 18	21 44	0 47	21 23	0 32	7 3	7 34	4 21		n.a.
T 16	16 15	23 40	4 48	18 20	2 19	22 45	1 3	24 28	0 58	8 51	1 17	4 9	2 38	23 58	0 18	21 45	0 47	21 23	0 32	6 59	7 33	4 18		n.a.
F 17	15 56	18 41	4 13	18 38	2 4	22 47	0 59	24 25	0 59	8 51	1 17	4 9	2 38	23 59	0 18	21 45	0 47	21 23	0 32	6 55	7 31	4 14		n.a.
S 18	15 38	12 31	3 21	18 55	1 50	22 49	0 55	24 21	0 59	8 52	1 17	4 8	2 38	23 59	0 18	21 45	0 47	21 23	0 32	6 52	7 30	4 11		n.a.
S 19	15 19	5 39	2 15	19 11	1 35	22 50	0 50	24 18	1 0	8 52	1 18	4 7	2 38	23 59	0 18	21 45	0 47	21 24	0 32	6 50	7 29	4 8		n.a.
M20	15 1	1n28	1 0	19 26	1 21	22 50	0 46	24 14	1 0	8 52	1 18	4 6	2 39	23 59	0 18	21 46	0 47	21 24	0 31	6 49	7 28	4 4		n.a.
T 21	14 41	8 23	0n18	19 40	1 6	22 50	0 42	24 10	1 1	8 52	1 18	4 6	2 39	23 59	0 18	21 46	0 47	21 24	0 31	6 49	7 26	4 1		n.a.
W22	14 22	14 45	1 33	19 52	0 52	22 49	0 38	24 6	1 2	8 51	1 18	4 5	2 39	23 59	0 18	21 46	0 47	21 24	0 31	6 49	7 25	3 57		n.a.
T 23	14 3	20 12	2 41	20 3	0 38	22 47	0 34	24 1	1 2	8 51	1 18	4 4	2 39	23 59	0 18	21 47	0 47	21 25	0 31	6 50	7 24	3 54		n.a.
F 24	13 43	24 29	3 38	20 12	0 24	22 45	0 30	23 57	1 3	8 51	1 18	4 3	2 39	24 0	0 18	21 47	0 47	21 25	0 31	6 50	7 23	3 50		n.a.
S 25	13 23	27 21	4 21	20 20	0 11	22 42	0 26	23 52	1 3	8 51	1 19	4 2	2 40	24 0	0 18	21 47	0 47	21 25	0 31	6 49	7 22	3 47		n.a.
S 26	13 3	28 41	4 51	20 27	0s 2	22 39	0 22	23 46	1 4	8 50	1 19	4 1	2 40	24 0	0 18	21 48	0 47	21 25	0 31	6 47	7 20	3 44		n.a.
M27	12 42	28 26	5 5	20 32	0 14	22 35	0 18	23 41	1 5	8 50	1 19	4 0	2 40	24 0	0 18	21 48	0 47	21 25	0 31	6 45	7 19	3 40		n.a.
T 28	12 22	26 44	5 5	20 35	0 26	22 30	0 14	23 35	1 5	8 49	1 19	3 59	2 40	24 0	0 18	21 48	0 47	21 26	0 31	6 42	7 18	3 37		n.a.
W29	12s 1	23n45	4n50	20s37	0s37	22s25	0n10	23s29	1s 6	8s49	1n19	3s58	2n40	24s 0	0s18	21n48	0n47	21s26	0n31	6n38	7n17	3n33		n.a.

Julian Day Number = 1284249.5, Delta T = 08h05m14s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'45, Lahiri = -20°28'45 Julian Calendar 1 Feb. 1197 BCE == Greg. Calendar 21 Jan. 1197 BCE

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

MARCH 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 48	29♒58'15	18♌13	2♒51	19♉21	20♉18	25°R31	16°R 3	23♐57	27°R17	7♐33	16°R28	18♈13	25♍48	n.a.	T 1
F 2	9 55 45	0♓56'58	0♍16	3°38	20°31	21° 4	25♎29	16♎ 1	23°59	27♋16	7°34	16♈20	18°10	25°54	n.a.	F 2
S 3	9 59 41	1°55'38	12°13	4°29	21°41	21°50	25°28	15°58	24° 1	27°15	7°34	16°14	18° 6	26° 1	n.a.	S 3
S 4	10 3 38	2°54'16	24° 4	5°23	22°50	22°37	25°26	15°56	24° 3	27°13	7°35	16° 9	18° 3	26° 8	n.a.	S 4
M 5	10 7 34	3°52'52	5♎52	6°20	24° 0	23°23	25°23	15°53	24° 5	27°12	7°35	16° 7	18° 0	26°14	n.a.	M 5
T 6	10 11 31	4°51'26	17°40	7°19	25°10	24° 9	25°21	15°50	24° 6	27°11	7°36	16°D 6	17°57	26°21	n.a.	T 6
W 7	10 15 27	5°49'58	29°30	8°22	26°20	24°56	25°18	15°48	24° 8	27°10	7°36	16° 7	17°54	26°28	n.a.	W 7
T 8	10 19 24	6°48'29	11♏28	9°27	27°31	25°42	25°16	15°45	24°10	27° 8	7°37	16° 8	17°51	26°34	n.a.	T 8
F 9	10 23 20	7°46'58	23°37	10°35	28°41	26°28	25°13	15°42	24°11	27° 7	7°37	16°10	17°47	26°41	n.a.	F 9
S 10	10 27 17	8°45'24	6♐ 3	11°45	29°51	27°14	25°10	15°39	24°13	27° 6	7°37	16°R11	17°44	26°48	n.a.	S 10
S 11	10 31 13	9°43'50	18°50	12°57	1♒ 1	28° 0	25° 6	15°36	24°14	27° 5	7°37	16°10	17°41	26°54	n.a.	S 11
M12	10 35 10	10°42'13	2♉ 2	14°12	2°12	28°47	25° 3	15°33	24°16	27° 4	7°38	16° 8	17°38	27° 1	n.a.	M12
T 13	10 39 7	11°40'35	15°42	15°29	3°22	29°33	24°59	15°29	24°17	27° 3	7°38	16° 5	17°35	27° 8	n.a.	T 13
W14	10 43 3	12°38'55	29°51	16°48	4°33	0♒19	24°56	15°26	24°18	27° 2	7°38	16° 1	17°31	27°14	n.a.	W14
T 15	10 47 0	13°37'14	14♒25	18° 9	5°43	1° 5	24°52	15°23	24°19	27° 1	7°38	15°56	17°28	27°21	n.a.	T 15
F 16	10 50 56	14°35'30	29°21	19°32	6°54	1°51	24°47	15°19	24°21	27° 0	7°39	15°52	17°25	27°28	n.a.	F 16
S 17	10 54 53	15°33'45	14♓29	20°58	8° 4	2°37	24°43	15°16	24°22	26°59	7°39	15°48	17°22	27°34	n.a.	S 17
S 18	10 58 49	16°31'58	29°41	22°25	9°15	3°23	24°39	15°12	24°23	26°58	7°39	15°46	17°19	27°41	n.a.	S 18
M19	11 2 46	17°30'09	14♈46	23°54	10°26	4° 9	24°34	15° 9	24°24	26°57	7°39	15°D45	17°16	27°48	n.a.	M19
T 20	11 6 42	18°28'17	29°37	25°25	11°36	4°55	24°29	15° 5	24°25	26°56	7°R39	15°45	17°12	27°54	n.a.	T 20
W21	11 10 39	19°26'24	14♉ 6	26°58	12°47	5°41	24°24	15° 1	24°26	26°55	7°39	15°47	17° 9	28° 1	n.a.	W21
T 22	11 14 35	20°24'29	28°12	28°32	13°58	6°27	24°19	14°57	24°27	26°54	7°39	15°48	17° 6	28° 8	n.a.	T 22
F 23	11 18 32	21°22'31	11♊53	0♓ 9	15° 9	7°12	24°14	14°54	24°28	26°53	7°39	15°49	17° 3	28°14	n.a.	F 23
S 24	11 22 29	22°20'32	25°10	1°47	16°20	7°58	24° 9	14°50	24°29	26°52	7°39	15°R49	17° 0	28°21	n.a.	S 24
S 25	11 26 25	23°18'31	8♋ 6	3°28	17°30	8°44	24° 3	14°46	24°30	26°52	7°38	15°49	16°57	28°27	n.a.	S 25
M26	11 30 22	24°16'27	20°43	5°10	18°41	9°30	23°58	14°42	24°30	26°51	7°38	15°47	16°53	28°34	n.a.	M26
T 27	11 34 18	25°14'22	3♌ 5	6°54	19°52	10°15	23°52	14°38	24°31	26°50	7°38	15°44	16°50	28°41	n.a.	T 27
W28	11 38 15	26°12'14	15°16	8°40	21° 3	11° 1	23°46	14°34	24°32	26°50	7°38	15°41	16°47	28°47	n.a.	W28
T 29	11 42 11	27°10'05	27°17	10°27	22°15	11°47	23°40	14°30	24°32	26°49	7°38	15°38	16°44	28°54	n.a.	T 29
F 30	11 46 8	28° 7'54	9♍12	12°17	23°26	12°32	23°34	14°26	24°33	26°48	7°37	15°36	16°41	29° 1	n.a.	F 30
S 31	11 50 4	29♓ 5'41	21♍ 2	14♓ 8	24♒37	13♒18	23♎28	14♎22	24♐33	26♋48	7♐37	15♈34	16♈37	29♍ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s40	19n46	4n22	20s37	0s48	22s19	0n 7	23s22	1s 6	8s48	1n19	3s57	2n41	24s 0	0s18	21n49	0n47	21s26	0n31	6n35	7n15	3n30			n.a.
F 2	11 19	15 1	3 42	20 36	0 58	22 12	0 3	23 16	1 7	8 47	1 19	3 56	2 41	24 0	0 18	21 49	0 47	21 26	0 31	6 32	7 14	3 26			n.a.
S 3	10 58	9 45	2 53	20 34	1 8	22 5	0s 1	23 9	1 7	8 46	1 19	3 55	2 41	24 0	0 18	21 49	0 47	21 26	0 31	6 29	7 13	3 23			n.a.
S 4	10 36	4 10	1 57	20 29	1 17	21 57	0 5	23 2	1 8	8 46	1 20	3 54	2 41	24 1	0 18	21 49	0 47	21 26	0 30	6 27	7 12	3 20			n.a.
M 5	10 15	1s31	0 55	20 23	1 26	21 48	0 8	22 54	1 9	8 45	1 20	3 53	2 41	24 1	0 18	21 50	0 47	21 27	0 30	6 26	7 11	3 16			n.a.
T 6	9 53	7 10	0s 8	20 16	1 34	21 39	0 12	22 46	1 9	8 44	1 20	3 51	2 41	24 1	0 18	21 50	0 47	21 27	0 30	6 26	7 9	3 13			n.a.
W 7	9 31	12 36	1 12	20 6	1 42	21 29	0 15	22 39	1 10	8 43	1 20	3 50	2 42	24 1	0 18	21 50	0 47	21 27	0 30	6 26	7 8	3 9			n.a.
T 8	9 10	17 38	2 14	19 56	1 49	21 19	0 19	22 30	1 10	8 42	1 20	3 49	2 42	24 1	0 19	21 50	0 47	21 27	0 30	6 27	7 7	3 6			n.a.
F 9	8 47	22 3	3 10	19 43	1 55	21 8	0 22	22 22	1 11	8 40	1 20	3 48	2 42	24 1	0 19	21 51	0 47	21 27	0 30	6 28	7 6	3 2			n.a.
S 10	8 25	25 36	3 59	19 29	2 1	20 56	0 25	22 14	1 11	8 39	1 20	3 46	2 42	24 1	0 19	21 51	0 46	21 27	0 30	6 28	7 4	2 59			n.a.
S 11	8 3	27 58	4 37	19 13	2 6	20 44	0 29	22 5	1 12	8 38	1 20	3 45	2 42	24 1	0 19	21 51	0 46	21 27	0 30	6 28	7 3	2 55			n.a.
M12	7 41	28 52	5 3	18 56	2 11	20 31	0 32	21 56	1 12	8 36	1 21	3 44	2 42	24 1	0 19	21 51	0 46	21 27	0 30	6 27	7 2	2 52			n.a.
T 13	7 18	28 4	5 12	18 37	2 16	20 18	0 35	21 46	1 13	8 35	1 21	3 42	2 43	24 1	0 19	21 51	0 46	21 28	0 30	6 26	7 1	2 49			n.a.
W14	6 55	25 27	5 3	18 16	2 19	20 4	0 38	21 37	1 13	8 33	1 21	3 41	2 43	24 1	0 19	21 52	0 46	21 28	0 30	6 24	6 59	2 45			n.a.
T 15	6 33	21 9	4 35	17 54	2 22	19 49	0 41	21 27	1 14	8 32	1 21	3 39	2 43	24 2	0 19	21 52	0 46	21 28	0 30	6 22	6 58	2 42			n.a.
F 16	6 10	15 25	3 47	17 30	2 25	19 34	0 44	21 17	1 14	8 30	1 21	3 38	2 43	24 2	0 19	21 52	0 46	21 28	0 29	6 20	6 57	2 38			n.a.
S 17	5 47	8 42	2 43	17 4	2 27	19 19	0 47	21 7	1 15	8 29	1 21	3 36	2 43	24 2	0 19	21 52	0 46	21 28	0 29	6 19	6 56	2 35			n.a.
S 18	5 24	1 27	1 27	16 37	2 29	19 3	0 50	20 57	1 15	8 27	1 21	3 35	2 43	24 2	0 19	21 52	0 46	21 28	0 29	6 18	6 54	2 31			n.a.
M19	5 1	5n50	0 5	16 7	2 30	18 46	0 53	20 46	1 16	8 25	1 21	3 33	2 43	24 2	0 19	21 53	0 46	21 28	0 29	6 18	6 53	2 28			n.a.
T 20	4 38	12 42	1n15	15 37	2 30	18 29	0 55	20 35	1 16	8 23	1 21	3 32	2 43	24 2	0 19	21 53	0 46	21 28	0 29	6 18	6 52	2 24			n.a.
W21	4 15	18 43	2 30	15 4	2 30	18 11	0 58	20 24	1 17	8 21	1 21	3 30	2 43	24 2	0 19	21 53	0 46	21 28	0 29	6 19	6 51	2 21			n.a.
T 22	3 52	23 32	3 33	14 30	2 29	17 53	1 1	20 13	1 17	8 19	1 21	3 29	2 44	24 2	0 19	21 53	0 46	21 28	0 29	6 19	6 50	2 18			n.a.
F 23	3 28	26 54	4 21	13 54	2 28	17 34	1 3	20 2	1 18	8 17	1 22	3 27	2 44	24 2	0 19	21 53	0 46	21 28	0 29	6 20	6 48	2 14			n.a.
S 24	3 5	28 39	4 55	13 17	2 26	17 15	1 6	19 50	1 18	8 15	1 22	3 26	2 44	24 2	0 19	21 53	0 46	21 29	0 29	6 20	6 47	2 11			n.a.
S 25	2 42	28 47	5 12	12 38	2 24	16 55	1 8	19 38	1 18	8 13	1 22	3 24	2 44	24 2	0 19	21 54	0 46	21 29	0 29	6 19	6 46	2 7			n.a.
M26	2 19	27 23	5 14	11 57	2 21	16 35	1 10	19 26	1 19	8 11	1 22	3 22	2 44	24 2	0 19	21 54	0 46	21 29	0 29	6 19	6 45	2 4			n.a.
T 27	1 55	24 40	5 1	11 15	2 17	16 14	1 12	19 14	1 19	8 9	1 22	3 21	2 44	24 2	0 19	21 54	0 46	21 29	0 29	6 18	6 43	2 0			n.a.
W28	1 32	20 53	4 34	10 31	2 13	15 53	1 14	19 2	1 20	8 7	1 22	3 19	2 44	24 2	0 19	21 54	0 46	21 29	0 28	6 16	6 42	1 57			n.a.
T 29	1 9	16 18	3 56	9 45	2 9	15 32	1 16	18 49	1 20	8 4	1 22	3 17	2 44	24 2	0 19	21 54	0 46	21 29	0 28	6 15	6 41	1 53			n.a.
F 30	0 45	11 8	3 8	8 58	2 4	15 10	1 18	18 37	1 20	8 2	1 22	3 16	2 44	24 3	0 19	21 54	0 46	21 29	0 28	6 14	6 40	1 50			n.a.
S 31	0s22	5n37	2n11	8s 9	1s58	14s48	1s20	18s24	1s21	8s 0	1n22	3s14	2n44	24s 3	0s19	21n54	0n46	21s29	0n28	6n13	6n38	1n46			n.a.

Julian Day Number = 1284278.5, Delta T = 08h05m13s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'41, Lahiri = -20°28'41 Julian Calendar 1 March 1197 BCE == Greg. Calendar 19 Feb. 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

APRIL 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 1	0♈ 3'27	2♎50	16♓ 2	25♒48	14♒ 3	23°R21	14°R17	24♐34	26°R47	7°R37	15°R32	16♈34	29♍14	n.a.	S 1
M 2	11 57 58	1° 1'11	14°39	17°57	26°59	14°49	23♎15	14♎13	24°34	26♋47	7♐36	15°D32	16°31	29°21	n.a.	M 2
T 3	12 1 54	1°58'53	26°29	19°54	28°10	15°34	23° 8	14° 9	24°35	26°46	7°36	15♈32	16°28	29°27	n.a.	T 3
W 4	12 5 51	2°56'34	8♏25	21°53	29°22	16°19	23° 2	14° 5	24°35	26°46	7°36	15°33	16°25	29°34	n.a.	W 4
T 5	12 9 47	3°54'14	20°29	23°53	0♓33	17° 5	22°55	14° 0	24°35	26°45	7°35	15°34	16°22	29°41	n.a.	T 5
F 6	12 13 44	4°51'52	2♐43	25°55	1°44	17°50	22°48	13°56	24°35	26°45	7°35	15°35	16°18	29°47	n.a.	F 6
S 7	12 17 40	5°49'30	15°13	27°59	2°56	18°35	22°41	13°52	24°35	26°44	7°34	15°36	16°15	29°54	n.a.	S 7
S 8	12 21 37	6°47'06	28° 0	0♈ 5	4° 7	19°21	22°34	13°47	24°36	26°44	7°34	15°37	16°12	0♎ 1	n.a.	S 8
M 9	12 25 33	7°44'41	11♉ 9	2°11	5°18	20° 6	22°27	13°43	24°36	26°44	7°33	15°R37	16° 9	0° 7	n.a.	M 9
T 10	12 29 30	8°42'15	24°42	4°20	6°30	20°51	22°20	13°39	24°R36	26°43	7°33	15°36	16° 6	0°14	n.a.	T 10
W11	12 33 27	9°39'48	8♒40	6°29	7°41	21°36	22°13	13°34	24°36	26°43	7°32	15°36	16° 3	0°21	n.a.	W11
T 12	12 37 23	10°37'20	23° 3	8°39	8°53	22°21	22° 6	13°30	24°35	26°43	7°31	15°35	15°59	0°27	n.a.	T 12
F 13	12 41 20	11°34'50	7♓48	10°49	10° 5	23° 6	21°58	13°25	24°35	26°43	7°31	15°35	15°56	0°34	n.a.	F 13
S 14	12 45 16	12°32'20	22°49	13° 1	11°16	23°51	21°51	13°21	24°35	26°43	7°30	15°35	15°53	0°41	n.a.	S 14
S 15	12 49 13	13°29'49	7♈58	15°12	12°28	24°36	21°43	13°17	24°35	26°42	7°29	15°34	15°50	0°47	n.a.	S 15
M16	12 53 9	14°27'16	23° 6	17°23	13°40	25°21	21°36	13°12	24°35	26°42	7°29	15°D34	15°47	0°54	n.a.	M16
T 17	12 57 6	15°24'42	8♉ 4	19°34	14°51	26° 5	21°28	13° 8	24°34	26°42	7°28	15°R34	15°43	1° 0	n.a.	T 17
W18	13 1 2	16°22'07	22°44	21°44	16° 3	26°50	21°21	13° 3	24°34	26°D42	7°27	15°34	15°40	1° 7	n.a.	W18
T 19	13 4 59	17°19'31	7♊ 1	23°54	17°15	27°35	21°13	12°59	24°33	26°42	7°26	15°34	15°37	1°14	n.a.	T 19
F 20	13 8 56	18°16'53	20°51	26° 2	18°26	28°19	21° 5	12°55	24°33	26°42	7°26	15°34	15°34	1°20	n.a.	F 20
S 21	13 12 52	19°14'14	4♋15	28° 9	19°38	29° 4	20°58	12°50	24°32	26°42	7°25	15°34	15°31	1°27	n.a.	S 21
S 22	13 16 49	20°11'34	17°14	0♉14	20°50	29°48	20°50	12°46	24°32	26°42	7°24	15°D34	15°28	1°34	n.a.	S 22
M23	13 20 45	21° 8'52	29°51	2°17	22° 2	0♓33	20°43	12°42	24°31	26°43	7°23	15°34	15°24	1°40	n.a.	M23
T 24	13 24 42	22° 6'10	12♌11	4°19	23°14	1°17	20°35	12°37	24°31	26°43	7°22	15°34	15°21	1°47	n.a.	T 24
W25	13 28 38	23° 3'26	24°16	6°18	24°26	2° 1	20°27	12°33	24°30	26°43	7°21	15°35	15°18	1°54	n.a.	W25
T 26	13 32 35	24° 0'40	6♍12	8°15	25°38	2°46	20°20	12°29	24°29	26°43	7°20	15°35	15°15	2° 0	n.a.	T 26
F 27	13 36 31	24°57'54	18° 1	10°10	26°49	3°30	20°12	12°24	24°28	26°43	7°19	15°36	15°12	2° 7	n.a.	F 27
S 28	13 40 28	25°55'07	29°49	12° 2	28° 1	4°14	20° 5	12°20	24°27	26°44	7°18	15°37	15° 8	2°14	n.a.	S 28
S 29	13 44 25	26°52'19	11♎38	13°52	29°13	4°58	19°57	12°16	24°27	26°44	7°17	15°R38	15° 5	2°20	n.a.	S 29
M30	13 48 21	27♈49'30	23♎30	15♉39	0♈25	5♓42	19♎49	12♎12	24♐26	26♋44	7♐16	15♈37	15♈ 2	2♎27	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 1	0s 5	1n10	7s19	1s52	14s25	1s22	18s11	1s21	7s57	1n22	3s12	2n44	24s 3	0s19	21n54	0n46	21s29	0n28	6n13	6n37	1n43		n.a.
M 2	0 25	5 47	0 5	6 27	1 45	14 2	1 24	17 58	1 22	7 55	1 22	3 11	2 44	24 3	0 19	21 55	0 46	21 29	0 28	6 13	6 36	1 39		n.a.
T 3	0 48	11 19	1s 0	5 34	1 38	13 38	1 26	17 44	1 22	7 52	1 22	3 9	2 44	24 3	0 19	21 55	0 46	21 29	0 28	6 13	6 35	1 36		n.a.
W 4	1 11	16 29	2 3	4 39	1 30	13 15	1 27	17 31	1 22	7 50	1 22	3 7	2 44	24 3	0 19	21 55	0 46	21 29	0 28	6 13	6 33	1 33		n.a.
T 5	1 35	21 5	3 2	3 43	1 22	12 50	1 29	17 17	1 23	7 47	1 22	3 6	2 45	24 3	0 19	21 55	0 46	21 29	0 28	6 14	6 32	1 29		n.a.
F 6	1 58	24 51	3 53	2 46	1 13	12 26	1 30	17 3	1 23	7 45	1 22	3 4	2 45	24 3	0 19	21 55	0 46	21 29	0 28	6 14	6 31	1 26		n.a.
S 7	2 21	27 32	4 34	1 47	1 4	12 1	1 31	16 49	1 23	7 42	1 22	3 2	2 45	24 3	0 19	21 55	0 46	21 29	0 28	6 14	6 30	1 22		n.a.
S 8	2 44	28 52	5 3	0 48	0 55	11 36	1 33	16 35	1 24	7 40	1 22	3 0	2 45	24 3	0 19	21 55	0 46	21 29	0 28	6 15	6 28	1 19		n.a.
M 9	3 7	28 37	5 16	0n12	0 45	11 10	1 34	16 21	1 24	7 37	1 22	2 59	2 45	24 3	0 19	21 55	0 46	21 29	0 28	6 15	6 27	1 15		n.a.
T 10	3 30	26 41	5 13	1 13	0 35	10 44	1 35	16 7	1 24	7 34	1 22	2 57	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 15	6 26	1 12		n.a.
W11	3 53	23 5	4 52	2 14	0 25	10 18	1 36	15 52	1 25	7 32	1 22	2 55	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 25	1 8		n.a.
T 12	4 16	18 1	4 12	3 16	0 14	9 52	1 37	15 38	1 25	7 29	1 22	2 54	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 24	1 5		n.a.
F 13	4 39	11 47	3 15	4 18	0 4	9 25	1 38	15 23	1 25	7 26	1 22	2 52	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 22	1 1		n.a.
S 14	5 2	4 47	2 3	5 19	0n 7	8 58	1 38	15 8	1 25	7 23	1 22	2 50	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 21	0 58		n.a.
S 15	5 25	2n34	0 42	6 21	0 17	8 31	1 39	14 53	1 26	7 21	1 22	2 48	2 45	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 20	0 54		n.a.
M16	5 47	9 46	0n42	7 22	0 28	8 4	1 40	14 38	1 26	7 18	1 22	2 47	2 44	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 19	0 51		n.a.
T 17	6 10	16 21	2 2	8 22	0 38	7 36	1 40	14 23	1 26	7 15	1 22	2 45	2 44	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 17	0 47		n.a.
W18	6 32	21 51	3 12	9 21	0 48	7 8	1 41	14 8	1 26	7 12	1 22	2 43	2 44	24 3	0 19	21 55	0 46	21 29	0 27	6 14	6 16	0 44		n.a.
T 19	6 55	25 55	4 9	10 19	0 58	6 40	1 41	13 52	1 27	7 9	1 21	2 42	2 44	24 3	0 20	21 55	0 46	21 29	0 27	6 14	6 15	0 41		n.a.
F 20	7 17	28 19	4 49	11 15	1 7	6 12	1 42	13 37	1 27	7 7	1 21	2 40	2 44	24 3	0 20	21 55	0 46	21 29	0 27	6 14	6 14	0 37		n.a.
S 21	7 39	28 57	5 11	12 10	1 16	5 43	1 42	13 21	1 27	7 4	1 21	2 38	2 44	24 3	0 20	21 55	0 46	21 29	0 26	6 14	6 12	0 34		n.a.
S 22	8 1	27 57	5 17	13 3	1 24	5 15	1 42	13 5	1 27	7 1	1 21	2 37	2 44	24 3	0 20	21 55	0 46	21 29	0 26	6 13	6 11	0 30		n.a.
M23	8 23	25 32	5 8	13 54	1 32	4 46	1 42	12 50	1 28	6 58	1 21	2 35	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 14	6 10	0 27		n.a.
T 24	8 45	21 58	4 44	14 43	1 39	4 17	1 42	12 34	1 28	6 55	1 21	2 33	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 14	6 9	0 23		n.a.
W25	9 6	17 32	4 8	15 30	1 46	3 48	1 42	12 18	1 28	6 52	1 21	2 32	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 14	6 7	0 20		n.a.
T 26	9 28	12 30	3 22	16 15	1 52	3 19	1 42	12 2	1 28	6 50	1 21	2 30	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 14	6 6	0 16		n.a.
F 27	9 49	7 4	2 27	16 58	1 57	2 50	1 42	11 46	1 28	6 47	1 21	2 28	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 15	6 5	0 13		n.a.
S 28	10 11	1 24	1 27	17 38	2 2	2 21	1 41	11 29	1 28	6 44	1 20	2 27	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 15	6 4	0 9		n.a.
S 29	10 32	4s20	0 22	18 16	2 6	1 51	1 41	11 13	1 29	6 41	1 20	2 25	2 44	24 3	0 20	21 55	0 46	21 28	0 26	6 15	6 2	0 6		n.a.
M30	10n52	9s57	0s43	18n51	2n 9	1s22	1s40	10s57	1s29	6s39	1n20	2s24	2n44	24s 3	0s20	21n55	0n46	21s28	0n26	6n15	6n 1	0n 2		n.a.

Julian Day Number = 1284309.5, Delta T = 08h05m11s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'37, Lahiri = -20°28'37 Julian Calendar 1 Apr. 1197 BCE == Greg. Calendar 21 March 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

MAY 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 18	28♈46'40	5♏27	17♉24	1♈37	6♓26	19°R42	12°R 8	24°R25	26♋45	7°R15	15°R37	14♈59	2♎34	n.a.	T 1
W 2	13 56 14	29°43'49	17°33	19° 6	2°50	7°10	19♎35	12♎ 4	24♐24	26°45	7♐14	15♈35	14°56	2°40	n.a.	W 2
T 3	14 0 11	0♉40'59	29°48	20°46	4° 2	7°54	19°27	11°59	24°23	26°46	7°13	15°33	14°53	2°47	n.a.	T 3
F 4	14 4 7	1°38'07	12♐15	22°23	5°14	8°37	19°20	11°55	24°21	26°46	7°12	15°31	14°49	2°54	n.a.	F 4
S 5	14 8 4	2°35'15	24°55	23°57	6°26	9°21	19°13	11°51	24°20	26°47	7°11	15°29	14°46	3° 0	n.a.	S 5
S 6	14 12 0	3°32'23	7♑50	25°29	7°38	10° 5	19° 5	11°47	24°19	26°47	7°10	15°27	14°43	3° 7	n.a.	S 6
M 7	14 15 57	4°29'31	21° 2	26°58	8°50	10°48	18°58	11°44	24°18	26°48	7° 8	15°26	14°40	3°13	n.a.	M 7
T 8	14 19 54	5°26'38	4♒32	28°24	10° 3	11°32	18°51	11°40	24°17	26°48	7° 7	15°D25	14°37	3°20	n.a.	T 8
W 9	14 23 50	6°23'45	18°22	29°48	11°15	12°15	18°44	11°36	24°15	26°49	7° 6	15°25	14°34	3°27	n.a.	W 9
T 10	14 27 47	7°20'52	2♓32	1♊ 9	12°27	12°59	18°37	11°32	24°14	26°50	7° 5	15°26	14°30	3°33	n.a.	T 10
F 11	14 31 43	8°17'59	16°59	2°27	13°40	13°42	18°30	11°28	24°12	26°50	7° 4	15°28	14°27	3°40	n.a.	F 11
S 12	14 35 40	9°15'06	1♈42	3°42	14°52	14°25	18°24	11°25	24°11	26°51	7° 2	15°29	14°24	3°47	n.a.	S 12
S 13	14 39 36	10°12'12	16°35	4°55	16° 4	15° 8	18°17	11°21	24°10	26°52	7° 1	15°R29	14°21	3°53	n.a.	S 13
M14	14 43 33	11° 9'19	1♉30	6° 4	17°17	15°51	18°10	11°18	24° 8	26°53	7° 0	15°29	14°18	4° 0	n.a.	M14
T 15	14 47 30	12° 6'25	16°21	7°10	18°29	16°34	18° 4	11°14	24° 6	26°54	6°59	15°27	14°14	4° 7	n.a.	T 15
W16	14 51 26	13° 3'31	0♊59	8°14	19°42	17°17	17°58	11°11	24° 5	26°54	6°57	15°24	14°11	4°13	n.a.	W16
T 17	14 55 23	14° 0'37	15°18	9°14	20°54	18° 0	17°51	11° 7	24° 3	26°55	6°56	15°20	14° 8	4°20	n.a.	T 17
F 18	14 59 19	14°57'42	29°13	10°11	22° 7	18°43	17°45	11° 4	24° 2	26°56	6°55	15°15	14° 5	4°27	n.a.	F 18
S 19	15 3 16	15°54'48	12♋42	11° 4	23°19	19°26	17°39	11° 1	24° 0	26°57	6°53	15°11	14° 2	4°33	n.a.	S 19
S 20	15 7 12	16°51'52	25°45	11°54	24°32	20° 8	17°33	10°58	23°58	26°58	6°52	15° 9	13°59	4°40	n.a.	S 20
M21	15 11 9	17°48'57	8♌25	12°40	25°45	20°51	17°28	10°55	23°56	26°59	6°51	15° 7	13°55	4°47	n.a.	M21
T 22	15 15 5	18°46'01	20°44	13°23	26°57	21°33	17°22	10°52	23°55	27° 0	6°49	15°D 6	13°52	4°53	n.a.	T 22
W23	15 19 2	19°43'05	2♍49	14° 2	28°10	22°16	17°17	10°49	23°53	27° 1	6°48	15° 7	13°49	5° 0	n.a.	W23
T 24	15 22 59	20°40'08	14°43	14°37	29°23	22°58	17°11	10°46	23°51	27° 2	6°46	15° 9	13°46	5° 6	n.a.	T 24
F 25	15 26 55	21°37'11	26°32	15° 7	0♉35	23°40	17° 6	10°43	23°49	27° 4	6°45	15°10	13°43	5°13	n.a.	F 25
S 26	15 30 52	22°34'15	8♎20	15°34	1°48	24°22	17° 1	10°40	23°47	27° 5	6°44	15°11	13°40	5°20	n.a.	S 26
S 27	15 34 48	23°31'18	20°11	15°56	3° 1	25° 4	16°56	10°38	23°45	27° 6	6°42	15°R12	13°36	5°26	n.a.	S 27
M28	15 38 45	24°28'21	2♏ 9	16°14	4°13	25°46	16°51	10°35	23°43	27° 7	6°41	15°10	13°33	5°33	n.a.	M28
T 29	15 42 41	25°25'24	14°16	16°27	5°26	26°28	16°47	10°33	23°41	27° 8	6°39	15° 7	13°30	5°40	n.a.	T 29
W30	15 46 38	26°22'28	26°35	16°36	6°39	27°10	16°42	10°30	23°39	27°10	6°38	15° 2	13°27	5°46	n.a.	W30
T 31	15 50 35	27♉19'32	9♐ 6	16°R40	7♉52	27♓52	16♎38	10♎28	23♐37	27♋11	6♐36	14♈55	13♈24	5♎53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n13	15s15	1s48	19n25	2n12	0s52	1s40	10s40	1s29	6s36	1n20	2s22	2n43	24s 3	0s20	21n54	0n46	21s28	0n26	6n15	6n 0	0s 1			n.a.
W 2	11 34	20 2	2 48	19 55	2 14	0 22	1 39	10 24	1 29	6 33	1 20	2 21	2 43	24 3	0 20	21 54	0 46	21 28	0 26	6 14	5 59	0 5			n.a.
T 3	11 54	24 2	3 41	20 24	2 15	0n 7	1 39	10 7	1 29	6 30	1 20	2 19	2 43	24 3	0 20	21 54	0 46	21 28	0 25	6 13	5 57	0 8			n.a.
F 4	12 14	27 0	4 24	20 50	2 15	0 37	1 38	9 51	1 29	6 28	1 20	2 18	2 43	24 3	0 20	21 54	0 46	21 28	0 25	6 12	5 56	0 12			n.a.
S 5	12 34	28 40	4 56	21 15	2 15	1 7	1 37	9 34	1 29	6 25	1 19	2 16	2 43	24 3	0 20	21 54	0 46	21 27	0 25	6 12	5 55	0 15			n.a.
S 6	12 54	28 48	5 13	21 37	2 13	1 36	1 36	9 18	1 29	6 23	1 19	2 15	2 43	24 3	0 20	21 54	0 46	21 27	0 25	6 11	5 54	0 19			n.a.
M 7	13 14	27 20	5 14	21 56	2 12	2 6	1 35	9 1	1 30	6 20	1 19	2 13	2 43	24 3	0 20	21 54	0 46	21 27	0 25	6 10	5 52	0 22			n.a.
T 8	13 33	24 16	4 58	22 14	2 9	2 36	1 34	8 44	1 30	6 17	1 19	2 12	2 43	24 3	0 20	21 54	0 46	21 27	0 25	6 10	5 51	0 25			n.a.
W 9	13 53	19 46	4 25	22 30	2 6	3 6	1 33	8 27	1 30	6 15	1 19	2 11	2 42	24 3	0 20	21 54	0 46	21 27	0 25	6 10	5 50	0 29			n.a.
T 10	14 12	14 5	3 35	22 43	2 2	3 35	1 32	8 10	1 30	6 12	1 19	2 9	2 42	24 3	0 20	21 53	0 46	21 27	0 25	6 11	5 49	0 32			n.a.
F 11	14 30	7 32	2 31	22 55	1 57	4 5	1 31	7 54	1 30	6 10	1 18	2 8	2 42	24 3	0 20	21 53	0 46	21 27	0 25	6 11	5 47	0 36			n.a.
S 12	14 49	0 28	1 15	23 5	1 52	4 34	1 30	7 37	1 30	6 8	1 18	2 7	2 42	24 3	0 20	21 53	0 46	21 27	0 25	6 12	5 46	0 39			n.a.
S 13	15 7	6n43	0n 6	23 13	1 46	5 4	1 29	7 20	1 30	6 5	1 18	2 5	2 42	24 3	0 20	21 53	0 46	21 27	0 25	6 12	5 45	0 43			n.a.
M14	15 26	13 33	1 27	23 19	1 39	5 33	1 27	7 3	1 30	6 3	1 18	2 4	2 42	24 2	0 20	21 53	0 46	21 26	0 24	6 12	5 44	0 46			n.a.
T 15	15 43	19 35	2 42	23 23	1 32	6 3	1 26	6 46	1 30	6 1	1 18	2 3	2 41	24 2	0 20	21 53	0 46	21 26	0 24	6 11	5 42	0 50			n.a.
W16	16 1	24 21	3 44	23 26	1 24	6 32	1 24	6 29	1 30	5 58	1 17	2 2	2 41	24 2	0 20	21 52	0 46	21 26	0 24	6 9	5 41	0 53			n.a.
T 17	16 19	27 30	4 31	23 27	1 15	7 1	1 23	6 12	1 30	5 56	1 17	2 0	2 41	24 2	0 20	21 52	0 46	21 26	0 24	6 8	5 40	0 57			n.a.
F 18	16 36	28 51	5 1	23 26	1 6	7 30	1 21	5 55	1 30	5 54	1 17	1 59	2 41	24 2	0 20	21 52	0 46	21 26	0 24	6 6	5 39	1 0			n.a.
S 19	16 53	28 24	5 13	23 24	0 56	7 59	1 20	5 38	1 30	5 52	1 17	1 58	2 41	24 2	0 20	21 52	0 46	21 26	0 24	6 5	5 37	1 4			n.a.
S 20	17 9	26 23	5 8	23 21	0 46	8 27	1 18	5 21	1 30	5 50	1 16	1 57	2 41	24 2	0 20	21 52	0 46	21 26	0 24	6 4	5 36	1 7			n.a.
M21	17 26	23 5	4 48	23 16	0 35	8 56	1 16	5 4	1 30	5 48	1 16	1 56	2 40	24 2	0 20	21 51	0 46	21 25	0 24	6 3	5 35	1 11			n.a.
T 22	17 42	18 50	4 15	23 10	0 23	9 24	1 15	4 47	1 30	5 46	1 16	1 55	2 40	24 2	0 20	21 51	0 46	21 25	0 24	6 3	5 34	1 14			n.a.
W23	17 58	13 55	3 31	23 3	0 11	9 52	1 13	4 29	1 30	5 44	1 16	1 54	2 40	24 2	0 20	21 51	0 46	21 25	0 24	6 3	5 32	1 18			n.a.
T 24	18 13	8 33	2 39	22 54	0s 2	10 20	1 11	4 12	1 30	5 42	1 15	1 53	2 40	24 2	0 20	21 51	0 46	21 25	0 23	6 4	5 31	1 21			n.a.
F 25	18 28	2 56	1 40	22 44	0 15	10 48	1 9	3 55	1 30	5 40	1 15	1 52	2 40	24 2	0 20	21 50	0 46	21 25	0 23	6 4	5 30	1 25			n.a.
S 26	18 43	2s47	0 37	22 34	0 29	11 15	1 7	3 38	1 30	5 39	1 15	1 51	2 39	24 2	0 20	21 50	0 46	21 25	0 23	6 5	5 29	1 28			n.a.
S 27	18 58	8 26	0s27	22 22	0 43	11 42	1 5	3 21	1 30	5 37	1 15	1 51	2 39	24 2	0 20	21 50	0 46	21 25	0 23	6 5	5 27	1 32			n.a.
M28	19 12	13 50	1 31	22 9	0 58	12 9	1 3	3 4	1 29	5 35	1 14	1 50	2 39	24 2	0 20	21 50	0 46	21 24	0 23	6 4	5 26	1 35			n.a.
T 29	19 26	18 47	2 31	21 56	1 13	12 36	1 1	2 47	1 29	5 34	1 14	1 49	2 39	24 2	0 20	21 49	0 46	21 24	0 23	6 3	5 25	1 38			n.a.
W30	19 40	23 3	3 26	21 42	1 28	13 2	0 59	2 30	1 29	5 32	1 14	1 48	2 38	24 1	0 20	21 49	0 46	21 24	0 23	6 1	5 24	1 42			n.a.
T 31	19n53	26s19	4s11	21n27	1s43	13n28	0s57	2s13	1s29	5s31	1n14	1s47	2n38	24s 1	0s20	21n49	0n46	21s24	0n23	5n58	5n22	1s45			n.a.

Julian Day Number = 1284339.5, Delta T = 08h05m10s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'33, Lahiri = -20°28'33 Julian Calendar 1 May 1197 BCE == Greg. Calendar 20 Apr. 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

JUNE 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 54 31	28♉16'36	21♐51	16°R39	9♉ 5	28♓33	16°R34	10°R26	23°R35	27♋12	6°R35	14°R48	13♈20	6♎ 0	n.a.	F 1
S 2	15 58 28	29°13'41	4♑49	16♊33	10°18	29°15	16♎30	10♎23	23♐33	27°14	6♐34	14♈41	13°17	6° 6	n.a.	S 2
S 3	16 2 24	0♊10'47	18° 0	16°23	11°31	29°56	16°26	10°21	23°31	27°15	6°32	14°34	13°14	6°13	n.a.	S 3
M 4	16 6 21	1° 7'53	1♒24	16° 8	12°44	0♈37	16°23	10°19	23°29	27°16	6°31	14°29	13°11	6°20	n.a.	M 4
T 5	16 10 17	2° 4'59	15° 1	15°49	13°57	1°19	16°19	10°17	23°27	27°18	6°29	14°26	13° 8	6°26	n.a.	T 5
W 6	16 14 14	3° 2'07	28°50	15°25	15°10	2° 0	16°16	10°15	23°24	27°19	6°28	14°D24	13° 5	6°33	n.a.	W 6
T 7	16 18 10	3°59'15	12♓52	14°58	16°23	2°41	16°13	10°14	23°22	27°21	6°26	14°25	13° 1	6°40	n.a.	T 7
F 8	16 22 7	4°56'24	27° 5	14°27	17°36	3°22	16°10	10°12	23°20	27°22	6°25	14°25	12°58	6°46	n.a.	F 8
S 9	16 26 4	5°53'34	11♈27	13°52	18°49	4° 3	16° 7	10°11	23°18	27°24	6°23	14°R26	12°55	6°53	n.a.	S 9
S 10	16 30 0	6°50'45	25°58	13°15	20° 3	4°44	16° 5	10° 9	23°15	27°25	6°22	14°26	12°52	6°59	n.a.	S 10
M11	16 33 57	7°47'57	10♉31	12°36	21°16	5°24	16° 2	10° 8	23°13	27°27	6°20	14°23	12°49	7° 6	n.a.	M11
T 12	16 37 53	8°45'09	25° 2	11°56	22°29	6° 5	16° 0	10° 6	23°11	27°28	6°19	14°18	12°45	7°13	n.a.	T 12
W13	16 41 50	9°42'23	9♊25	11°14	23°42	6°45	15°58	10° 5	23° 9	27°30	6°17	14°11	12°42	7°19	n.a.	W13
T 14	16 45 46	10°39'37	23°34	10°32	24°56	7°26	15°56	10° 4	23° 6	27°32	6°16	14° 3	12°39	7°26	n.a.	T 14
F 15	16 49 43	11°36'52	7♋23	9°51	26° 9	8° 6	15°54	10° 3	23° 4	27°33	6°15	13°54	12°36	7°33	n.a.	F 15
S 16	16 53 40	12°34'07	20°49	9°12	27°22	8°46	15°53	10° 2	23° 2	27°35	6°13	13°45	12°33	7°39	n.a.	S 16
S 17	16 57 36	13°31'24	3♌52	8°34	28°36	9°26	15°51	10° 1	22°59	27°37	6°12	13°37	12°30	7°46	n.a.	S 17
M18	17 1 33	14°28'41	16°32	8° 0	29°49	10° 6	15°50	10° 0	22°57	27°38	6°10	13°31	12°26	7°53	n.a.	M18
T 19	17 5 29	15°25'58	28°52	7°28	1♍ 3	10°46	15°49	10° 0	22°55	27°40	6° 9	13°28	12°23	7°59	n.a.	T 19
W20	17 9 26	16°23'16	10♍57	7° 1	2°16	11°26	15°49	9°59	22°52	27°42	6° 7	13°26	12°20	8° 6	n.a.	W20
T 21	17 13 22	17°20'35	22°51	6°38	3°30	12° 6	15°48	9°59	22°50	27°44	6° 6	13°D26	12°17	8°13	n.a.	T 21
F 22	17 17 19	18°17'55	4♎40	6°21	4°43	12°45	15°48	9°58	22°47	27°45	6° 4	13°27	12°14	8°19	n.a.	F 22
S 23	17 21 15	19°15'15	16°29	6° 9	5°57	13°25	15°47	9°58	22°45	27°47	6° 3	13°R27	12°11	8°26	n.a.	S 23
S 24	17 25 12	20°12'36	28°23	6° 2	7°10	14° 4	15°D47	9°58	22°43	27°49	6° 2	13°26	12° 7	8°33	n.a.	S 24
M25	17 29 9	21° 9'58	10♏27	6°D 2	8°24	14°43	15°47	9°D58	22°40	27°51	6° 0	13°23	12° 4	8°39	n.a.	M25
T 26	17 33 5	22° 7'22	22°43	6° 9	9°38	15°22	15°48	9°58	22°38	27°53	5°59	13°17	12° 1	8°46	n.a.	T 26
W27	17 37 2	23° 4'46	5♐15	6°21	10°51	16° 1	15°48	9°58	22°35	27°55	5°57	13° 9	11°58	8°52	n.a.	W27
T 28	17 40 58	24° 2'11	18° 4	6°41	12° 5	16°40	15°49	9°58	22°33	27°57	5°56	12°59	11°55	8°59	n.a.	T 28
F 29	17 44 55	24°59'38	1♑10	7° 6	13°19	17°19	15°50	9°59	22°31	27°59	5°55	12°47	11°51	9° 6	n.a.	F 29
S 30	17 48 51	25♊57'05	14♑31	7♊39	14♊33	17♈57	15♎51	9♎59	22♐28	28♋ 0	5♐53	12♈36	11♈48	9♎12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 6	28s19	4s44	21n12	1s58	13n54	0s55	1s56	1s29	5s30	1n13	1s47	2n38	24s 1	0s20	21n49	0n46	21s24	0n23	5n56	5n21	1s49		n.a.
S 2	20 19	28 49	5 4	20 56	2 14	14 20	0 52	1 40	1 29	5 28	1 13	1 46	2 38	24 1	0 20	21 48	0 46	21 24	0 23	5 53	5 20	1 52		n.a.
S 3	20 32	27 41	5 8	20 40	2 29	14 45	0 50	1 23	1 29	5 27	1 13	1 45	2 37	24 1	0 20	21 48	0 46	21 24	0 23	5 50	5 19	1 56		n.a.
M 4	20 44	24 58	4 55	20 23	2 44	15 9	0 48	1 6	1 29	5 26	1 12	1 45	2 37	24 1	0 20	21 48	0 46	21 23	0 22	5 48	5 17	1 59		n.a.
T 5	20 55	20 49	4 26	20 7	2 58	15 34	0 46	0 49	1 28	5 25	1 12	1 44	2 37	24 1	0 20	21 48	0 46	21 23	0 22	5 47	5 16	2 3		n.a.
W 6	21 7	15 31	3 41	19 50	3 13	15 58	0 43	0 32	1 28	5 24	1 12	1 44	2 37	24 1	0 21	21 47	0 45	21 23	0 22	5 46	5 15	2 6		n.a.
T 7	21 18	9 19	2 42	19 34	3 26	16 22	0 41	0 15	1 28	5 23	1 12	1 43	2 37	24 1	0 21	21 47	0 45	21 23	0 22	5 46	5 14	2 10		n.a.
F 8	21 29	2 35	1 32	19 18	3 39	16 45	0 39	0n 1	1 28	5 22	1 11	1 43	2 36	24 1	0 21	21 47	0 45	21 23	0 22	5 47	5 12	2 13		n.a.
S 9	21 39	4n22	0 16	19 2	3 50	17 8	0 36	0 18	1 28	5 21	1 11	1 43	2 36	24 0	0 21	21 46	0 45	21 23	0 22	5 47	5 11	2 17		n.a.
S 10	21 49	11 9	1n 2	18 47	4 1	17 30	0 34	0 35	1 27	5 20	1 11	1 42	2 36	24 0	0 21	21 46	0 45	21 22	0 22	5 47	5 10	2 20		n.a.
M11	21 59	17 22	2 15	18 33	4 10	17 52	0 32	0 51	1 27	5 20	1 11	1 42	2 36	24 0	0 21	21 46	0 45	21 22	0 22	5 46	5 9	2 24		n.a.
T 12	22 8	22 35	3 20	18 20	4 18	18 14	0 29	1 8	1 27	5 19	1 10	1 42	2 35	24 0	0 21	21 45	0 45	21 22	0 22	5 44	5 7	2 27		n.a.
W13	22 17	26 22	4 11	18 8	4 24	18 35	0 27	1 24	1 27	5 19	1 10	1 41	2 35	24 0	0 21	21 45	0 45	21 22	0 22	5 41	5 6	2 31		n.a.
T 14	22 25	28 26	4 46	17 58	4 29	18 56	0 24	1 41	1 26	5 18	1 10	1 41	2 35	24 0	0 21	21 45	0 45	21 22	0 21	5 38	5 5	2 34		n.a.
F 15	22 33	28 40	5 3	17 48	4 33	19 16	0 22	1 57	1 26	5 18	1 9	1 41	2 34	24 0	0 21	21 44	0 45	21 22	0 21	5 34	5 3	2 38		n.a.
S 16	22 41	27 11	5 3	17 41	4 34	19 35	0 19	2 13	1 26	5 17	1 9	1 41	2 34	24 0	0 21	21 44	0 45	21 21	0 21	5 31	5 2	2 41		n.a.
S 17	22 48	24 15	4 46	17 35	4 34	19 54	0 17	2 29	1 26	5 17	1 9	1 41	2 34	24 0	0 21	21 44	0 45	21 21	0 21	5 28	5 1	2 44		n.a.
M18	22 55	20 13	4 16	17 32	4 32	20 13	0 14	2 46	1 25	5 17	1 8	1 41	2 34	24 0	0 21	21 43	0 45	21 21	0 21	5 25	5 0	2 48		n.a.
T 19	23 2	15 25	3 35	17 30	4 29	20 31	0 12	3 2	1 25	5 17	1 8	1 41	2 33	23 59	0 21	21 43	0 45	21 21	0 21	5 24	4 58	2 51		n.a.
W20	23 8	10 7	2 45	17 30	4 24	20 48	0 9	3 18	1 25	5 17	1 8	1 41	2 33	23 59	0 21	21 43	0 45	21 21	0 21	5 23	4 57	2 55		n.a.
T 21	23 14	4 32	1 48	17 33	4 18	21 5	0 7	3 34	1 25	5 17	1 8	1 41	2 33	23 59	0 21	21 42	0 45	21 21	0 21	5 23	4 56	2 58		n.a.
F 22	23 19	1s10	0 47	17 38	4 10	21 22	0 4	3 50	1 24	5 17	1 7	1 41	2 33	23 59	0 21	21 42	0 45	21 21	0 21	5 24	4 55	3 2		n.a.
S 23	23 24	6 50	0s16	17 44	4 1	21 38	0 2	4 6	1 24	5 17	1 7	1 41	2 32	23 59	0 21	21 41	0 45	21 20	0 21	5 24	4 53	3 5		n.a.
S 24	23 28	12 18	1 19	17 54	3 51	21 53	0n 0	4 21	1 24	5 17	1 7	1 41	2 32	23 59	0 21	21 41	0 45	21 20	0 20	5 23	4 52	3 9		n.a.
M25	23 32	17 23	2 19	18 5	3 39	22 7	0 3	4 37	1 23	5 18	1 6	1 41	2 32	23 59	0 21	21 41	0 45	21 20	0 20	5 22	4 51	3 12		n.a.
T 26	23 36	21 52	3 13	18 18	3 27	22 21	0 5	4 53	1 23	5 18	1 6	1 42	2 32	23 59	0 21	21 40	0 45	21 20	0 20	5 20	4 50	3 16		n.a.
W27	23 39	25 27	3 59	18 33	3 14	22 34	0 8	5 8	1 23	5 19	1 6	1 42	2 31	23 58	0 21	21 40	0 45	21 20	0 20	5 17	4 48	3 19		n.a.
T 28	23 42	27 50	4 34	18 49	3 0	22 47	0 10	5 24	1 22	5 19	1 5	1 42	2 31	23 58	0 21	21 40	0 45	21 20	0 20	5 13	4 47	3 23		n.a.
F 29	23 45	28 45	4 55	19 8	2 46	22 59	0 13	5 39	1 22	5 20	1 5	1 43	2 31	23 58	0 21	21 39	0 45	21 19	0 20	5 8	4 46	3 26		n.a.
S 30	23n47	28s 1	5s 1	19n28	2s32	23n10	0n15	5n54	1s21	5s21	1n 5	1s43	2n30	23s58	0s21	21n39	0n45	21s19	0n20	5n 3	4n45	3s30		n.a.

Julian Day Number = 1284370.5, Delta T = 08h05m08s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'29, Lahiri = -20°28'28 Julian Calendar 1 June 1197 BCE == Greg. Calendar 21 May 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

JULY 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 48	26♊54'35	28♉ 5	8♊18	15♊47	18♈36	15♎52	9♎59	22°R26	28♋ 2	5°R52	12°R25	11♈45	9♎19	n.a.	S 1
M 2	17 56 45	27°52'05	11♒50	9° 4	17° 0	19°14	15°54	10° 0	22♐23	28° 4	5♐51	12♈17	11°42	9°26	n.a.	M 2
T 3	18 0 41	28°49'37	25°43	9°56	18°14	19°52	15°55	10° 1	22°21	28° 6	5°49	12°11	11°39	9°32	n.a.	T 3
W 4	18 4 38	29°47'11	9♓42	10°54	19°28	20°30	15°57	10° 2	22°19	28° 8	5°48	12° 7	11°36	9°39	n.a.	W 4
T 5	18 8 34	0♋44'46	23°45	11°59	20°42	21° 8	15°59	10° 2	22°16	28°10	5°47	12° 6	11°32	9°46	n.a.	T 5
F 6	18 12 31	1°42'23	7♈51	13° 9	21°56	21°46	16° 1	10° 3	22°14	28°12	5°45	12° 6	11°29	9°52	n.a.	F 6
S 7	18 16 27	2°40'02	22° 0	14°26	23°10	22°24	16° 3	10° 4	22°12	28°14	5°44	12° 6	11°26	9°59	n.a.	S 7
S 8	18 20 24	3°37'42	6♉11	15°47	24°24	23° 2	16° 6	10° 6	22° 9	28°17	5°43	12° 4	11°23	10° 6	n.a.	S 8
M 9	18 24 20	4°35'25	20°20	17°14	25°38	23°39	16° 9	10° 7	22° 7	28°19	5°42	12° 0	11°20	10°12	n.a.	M 9
T 10	18 28 17	5°33'09	4♊27	18°46	26°52	24°16	16°11	10° 8	22° 5	28°21	5°40	11°54	11°17	10°19	n.a.	T 10
W11	18 32 14	6°30'55	18°26	20°22	28° 7	24°54	16°15	10°10	22° 2	28°23	5°39	11°44	11°13	10°26	n.a.	W11
T 12	18 36 10	7°28'43	2♋13	22° 2	29°21	25°31	16°18	10°11	22° 0	28°25	5°38	11°33	11°10	10°32	n.a.	T 12
F 13	18 40 7	8°26'32	15°46	23°46	0♋35	26° 8	16°21	10°13	21°58	28°27	5°37	11°20	11° 7	10°39	n.a.	F 13
S 14	18 44 3	9°24'23	29° 0	25°33	1°49	26°44	16°25	10°15	21°56	28°29	5°36	11° 8	11° 4	10°45	n.a.	S 14
S 15	18 48 0	10°22'15	11♌55	27°23	3° 3	27°21	16°28	10°16	21°53	28°31	5°34	10°57	11° 1	10°52	n.a.	S 15
M16	18 51 56	11°20'09	24°30	29°15	4°18	27°57	16°32	10°18	21°51	28°33	5°33	10°49	10°58	10°59	n.a.	M16
T 17	18 55 53	12°18'04	6♍48	1♋ 9	5°32	28°34	16°36	10°20	21°49	28°36	5°32	10°43	10°54	11° 5	n.a.	T 17
W18	18 59 49	13°16'00	18°52	3° 5	6°46	29°10	16°41	10°22	21°47	28°38	5°31	10°40	10°51	11°12	n.a.	W18
T 19	19 3 46	14°13'59	0♎45	5° 2	8° 1	29°46	16°45	10°25	21°45	28°40	5°30	10°39	10°48	11°19	n.a.	T 19
F 20	19 7 43	15°11'58	12°34	7° 0	9°15	0♉22	16°50	10°27	21°42	28°42	5°29	10°38	10°45	11°25	n.a.	F 20
S 21	19 11 39	16° 9'59	24°23	8°58	10°30	0°57	16°54	10°29	21°40	28°44	5°28	10°38	10°42	11°32	n.a.	S 21
S 22	19 15 36	17° 8'02	6♏18	10°56	11°44	1°33	16°59	10°32	21°38	28°46	5°27	10°37	10°38	11°39	n.a.	S 22
M23	19 19 32	18° 6'06	18°25	12°55	12°58	2° 8	17° 4	10°34	21°36	28°49	5°26	10°34	10°35	11°45	n.a.	M23
T 24	19 23 29	19° 4'12	0♐47	14°53	14°13	2°43	17°10	10°37	21°34	28°51	5°25	10°28	10°32	11°52	n.a.	T 24
W25	19 27 25	20° 2'20	13°28	16°51	15°27	3°18	17°15	10°40	21°32	28°53	5°24	10°20	10°29	11°59	n.a.	W25
T 26	19 31 22	21° 0'29	26°30	18°48	16°42	3°53	17°21	10°42	21°30	28°55	5°23	10°10	10°26	12° 5	n.a.	T 26
F 27	19 35 18	21°58'41	9♑54	20°45	17°57	4°28	17°26	10°45	21°28	28°57	5°22	9°58	10°23	12°12	n.a.	F 27
S 28	19 39 15	22°56'54	23°37	22°40	19°11	5° 2	17°32	10°48	21°26	29° 0	5°21	9°46	10°19	12°19	n.a.	S 28
S 29	19 43 12	23°55'09	7♒37	24°35	20°26	5°37	17°38	10°51	21°24	29° 2	5°21	9°35	10°16	12°25	n.a.	S 29
M30	19 47 8	24°53'26	21°47	26°29	21°40	6°11	17°44	10°54	21°22	29° 4	5°20	9°27	10°13	12°32	n.a.	M30
T 31	19 51 5	25♋51'44	6♓ 4	28♋22	22♋55	6♉45	17♎51	10♎58	21♐21	29♋ 6	5♐19	9♈20	10♈10	12♎38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	25s38	4s50	19n49	2s17	23n21	0n17	6n10	1s21	5s21	1n 5	1s44	2n30	23s58	0s21	21n38	0n45	21s19	0n20	4n59	4n43	3s33		n.a.
M 2	23 49	21 43	4 23	20 11	2 1	23 31	0 20	6 25	1 21	5 22	1 4	1 44	2 30	23 58	0 21	21 38	0 45	21 19	0 20	4 56	4 42	3 37		n.a.
T 3	23 50	16 36	3 39	20 34	1 46	23 40	0 22	6 40	1 20	5 23	1 4	1 45	2 30	23 58	0 21	21 38	0 45	21 19	0 20	4 53	4 41	3 40		n.a.
W 4	23 50	10 34	2 43	20 57	1 31	23 49	0 24	6 55	1 20	5 24	1 4	1 45	2 29	23 57	0 21	21 37	0 45	21 19	0 19	4 52	4 40	3 43		n.a.
T 5	23 50	3 59	1 36	21 21	1 16	23 57	0 27	7 10	1 19	5 25	1 3	1 46	2 29	23 57	0 21	21 37	0 45	21 19	0 19	4 52	4 38	3 47		n.a.
F 6	23 50	2n49	0 22	21 45	1 1	24 4	0 29	7 24	1 19	5 26	1 3	1 46	2 29	23 57	0 21	21 36	0 45	21 19	0 19	4 52	4 37	3 50		n.a.
S 7	23 49	9 31	0n52	22 9	0 46	24 11	0 31	7 39	1 18	5 27	1 3	1 47	2 29	23 57	0 21	21 36	0 45	21 18	0 19	4 52	4 36	3 54		n.a.
S 8	23 47	15 45	2 4	22 33	0 32	24 16	0 33	7 54	1 18	5 29	1 3	1 48	2 28	23 57	0 21	21 35	0 45	21 18	0 19	4 51	4 34	3 57		n.a.
M 9	23 45	21 8	3 7	22 55	0 18	24 21	0 36	8 8	1 17	5 30	1 2	1 48	2 28	23 57	0 21	21 35	0 45	21 18	0 19	4 49	4 33	4 1		n.a.
T 10	23 43	25 18	3 59	23 17	0 4	24 26	0 38	8 22	1 17	5 31	1 2	1 49	2 28	23 57	0 21	21 35	0 45	21 18	0 19	4 47	4 32	4 4		n.a.
W11	23 41	27 55	4 36	23 37	0n 9	24 29	0 40	8 37	1 16	5 33	1 2	1 50	2 27	23 57	0 21	21 34	0 45	21 18	0 19	4 43	4 31	4 8		n.a.
T 12	23 37	28 46	4 56	23 56	0 21	24 32	0 42	8 51	1 16	5 34	1 1	1 51	2 27	23 56	0 21	21 34	0 45	21 18	0 19	4 38	4 29	4 11		n.a.
F 13	23 34	27 51	4 59	24 13	0 32	24 34	0 44	9 5	1 15	5 36	1 1	1 52	2 27	23 56	0 21	21 33	0 45	21 18	0 19	4 34	4 28	4 15		n.a.
S 14	23 30	25 22	4 46	24 29	0 43	24 36	0 46	9 19	1 15	5 37	1 1	1 53	2 27	23 56	0 21	21 33	0 45	21 18	0 18	4 29	4 27	4 18		n.a.
S 15	23 26	21 38	4 18	24 42	0 53	24 36	0 48	9 33	1 14	5 39	1 1	1 54	2 26	23 56	0 21	21 32	0 45	21 17	0 18	4 24	4 26	4 22		n.a.
M16	23 21	16 59	3 38	24 52	1 2	24 36	0 50	9 46	1 14	5 41	1 0	1 55	2 26	23 56	0 21	21 32	0 45	21 17	0 18	4 21	4 24	4 25		n.a.
T 17	23 16	11 46	2 49	25 0	1 10	24 35	0 52	10 0	1 13	5 43	1 0	1 56	2 26	23 56	0 21	21 32	0 45	21 17	0 18	4 19	4 23	4 28		n.a.
W18	23 10	6 12	1 53	25 6	1 18	24 33	0 54	10 14	1 13	5 45	1 0	1 57	2 26	23 56	0 21	21 31	0 45	21 17	0 18	4 17	4 22	4 32		n.a.
T 19	23 4	0 29	0 52	25 9	1 24	24 31	0 55	10 27	1 12	5 47	0 59	1 58	2 25	23 55	0 21	21 31	0 45	21 17	0 18	4 17	4 21	4 35		n.a.
F 20	22 57	5s12	0s10	25 9	1 30	24 28	0 57	10 40	1 12	5 49	0 59	1 59	2 25	23 55	0 21	21 30	0 45	21 17	0 18	4 17	4 19	4 39		n.a.
S 21	22 50	10 43	1 12	25 6	1 35	24 24	0 59	10 53	1 11	5 51	0 59	2 0	2 25	23 55	0 21	21 30	0 45	21 17	0 18	4 17	4 18	4 42		n.a.
S 22	22 43	15 55	2 12	25 1	1 39	24 19	1 1	11 7	1 10	5 53	0 59	2 1	2 25	23 55	0 21	21 29	0 45	21 17	0 18	4 16	4 17	4 46		n.a.
M23	22 35	20 34	3 6	24 54	1 42	24 13	1 2	11 19	1 10	5 55	0 58	2 3	2 24	23 55	0 21	21 29	0 45	21 17	0 18	4 15	4 16	4 49		n.a.
T 24	22 27	24 26	3 53	24 43	1 45	24 7	1 4	11 32	1 9	5 57	0 58	2 4	2 24	23 55	0 21	21 28	0 45	21 17	0 17	4 13	4 14	4 53		n.a.
W25	22 19	27 15	4 29	24 31	1 46	24 0	1 5	11 45	1 9	6 0	0 58	2 5	2 24	23 55	0 21	21 28	0 45	21 17	0 17	4 10	4 13	4 56		n.a.
T 26	22 10	28 40	4 53	24 16	1 47	23 53	1 7	11 58	1 8	6 2	0 57	2 7	2 24	23 55	0 21	21 28	0 45	21 17	0 17	4 5	4 12	5 0		n.a.
F 27	22 1	28 28	5 1	23 59	1 48	23 44	1 8	12 10	1 7	6 5	0 57	2 8	2 23	23 54	0 21	21 27	0 45	21 16	0 17	4 1	4 10	5 3		n.a.
S 28	21 51	26 32	4 52	23 40	1 48	23 35	1 9	12 22	1 7	6 7	0 57	2 9	2 23	23 54	0 21	21 27	0 45	21 16	0 17	3 56	4 9	5 6		n.a.
S 29	21 41	22 57	4 26	23 19	1 47	23 25	1 11	12 35	1 6	6 10	0 57	2 11	2 23	23 54	0 21	21 26	0 45	21 16	0 17	3 52	4 8	5 10		n.a.
M30	21 30	18 0	3 44	22 56	1 46	23 15	1 12	12 47	1 5	6 12	0 56	2 12	2 23	23 54	0 21	21 26	0 45	21 16	0 17	3 48	4 7	5 13		n.a.
T 31	21n20	12s 0	2s46	22n32	1n44	23n 3	1n13	12n59	1s 5	6s15	0n56	2s14	2n22	23s54	0s21	21n25	0n46	21s16	0n17	3n46	4n 5	5s17		n.a.

Julian Day Number = 1284400.5, Delta T = 08h05m06s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'25, Lahiri = -20°28'24 Julian Calendar 1 July 1197 BCE == Greg. Calendar 20 June 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

AUGUST 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 55 1	26♋50'05	20♓23	0♌13	24♋10	7♉18	17♎57	11♎ 1	21°R19	29♋ 9	5°R18	9°R17	10♈ 7	12♎45	n.a.	W 1
T 2	19 58 58	27°48'29	4♈39	2° 4	25°24	7°52	18° 4	11° 4	21♐17	29°11	5♐17	9°D16	10° 3	12°52	n.a.	T 2
F 3	20 2 54	28°46'54	18°51	3°54	26°39	8°25	18°10	11° 8	21°15	29°13	5°17	9♈16	10° 0	12°58	n.a.	F 3
S 4	20 6 51	29°45'22	2♉57	5°42	27°54	8°59	18°17	11°11	21°13	29°15	5°16	9°R16	9°57	13° 5	n.a.	S 4
S 5	20 10 47	0♌43'53	16°56	7°29	29° 9	9°32	18°24	11°15	21°12	29°17	5°15	9°15	9°54	13°12	n.a.	S 5
M 6	20 14 44	1°42'26	0♊48	9°16	0♌23	10° 4	18°31	11°19	21°10	29°20	5°15	9°12	9°51	13°18	n.a.	M 6
T 7	20 18 40	2°41'01	14°32	11° 1	1°38	10°37	18°39	11°23	21° 9	29°22	5°14	9° 6	9°48	13°25	n.a.	T 7
W 8	20 22 37	3°39'38	28° 6	12°45	2°53	11° 9	18°46	11°26	21° 7	29°24	5°13	8°58	9°44	13°32	n.a.	W 8
T 9	20 26 34	4°38'18	11♋29	14°28	4° 8	11°41	18°54	11°30	21° 5	29°26	5°13	8°48	9°41	13°38	n.a.	T 9
F 10	20 30 30	5°37'00	24°39	16°10	5°23	12°13	19° 1	11°34	21° 4	29°29	5°12	8°37	9°38	13°45	n.a.	F 10
S 11	20 34 27	6°35'44	7♌34	17°51	6°38	12°45	19° 9	11°39	21° 3	29°31	5°12	8°26	9°35	13°52	n.a.	S 11
S 12	20 38 23	7°34'30	20°15	19°31	7°53	13°16	19°17	11°43	21° 1	29°33	5°11	8°16	9°32	13°58	n.a.	S 12
M13	20 42 20	8°33'18	2♍40	21°10	9° 8	13°48	19°25	11°47	21° 0	29°35	5°11	8° 8	9°29	14° 5	n.a.	M13
T 14	20 46 16	9°32'09	14°51	22°47	10°23	14°19	19°34	11°51	20°58	29°37	5°10	8° 3	9°25	14°11	n.a.	T 14
W15	20 50 13	10°31'01	26°51	24°24	11°38	14°49	19°42	11°56	20°57	29°40	5°10	8° 0	9°22	14°18	n.a.	W15
T 16	20 54 9	11°29'55	8♎42	26° 0	12°52	15°20	19°51	12° 0	20°56	29°42	5° 9	8°D 0	9°19	14°25	n.a.	T 16
F 17	20 58 6	12°28'51	20°29	27°35	14° 7	15°50	19°59	12° 5	20°55	29°44	5° 9	8° 0	9°16	14°31	n.a.	F 17
S 18	21 2 3	13°27'49	2♏17	29° 9	15°22	16°20	20° 8	12° 9	20°53	29°46	5° 9	8° 1	9°13	14°38	n.a.	S 18
S 19	21 5 59	14°26'49	14°12	0♍43	16°38	16°50	20°17	12°14	20°52	29°48	5° 8	8°R 2	9° 9	14°45	n.a.	S 19
M20	21 9 56	15°25'51	26°17	2°15	17°53	17°19	20°26	12°19	20°51	29°51	5° 8	8° 1	9° 6	14°51	n.a.	M20
T 21	21 13 52	16°24'55	8♐39	3°46	19° 8	17°49	20°35	12°24	20°50	29°53	5° 8	7°58	9° 3	14°58	n.a.	T 21
W22	21 17 49	17°24'00	21°23	5°16	20°23	18°17	20°44	12°29	20°49	29°55	5° 8	7°54	9° 0	15° 5	n.a.	W22
T 23	21 21 45	18°23'08	4♑30	6°46	21°38	18°46	20°54	12°33	20°48	29°57	5° 7	7°47	8°57	15°11	n.a.	T 23
F 24	21 25 42	19°22'18	18° 2	8°14	22°53	19°14	21° 3	12°38	20°47	29°59	5° 7	7°40	8°54	15°18	n.a.	F 24
S 25	21 29 38	20°21'30	1♒59	9°42	24° 8	19°43	21°13	12°44	20°47	0♌ 1	5° 7	7°32	8°50	15°25	n.a.	S 25
S 26	21 33 35	21°20'44	16°18	11° 9	25°23	20°10	21°22	12°49	20°46	0° 3	5° 7	7°25	8°47	15°31	n.a.	S 26
M27	21 37 32	22°20'00	0♓51	12°34	26°38	20°38	21°32	12°54	20°45	0° 5	5° 7	7°19	8°44	15°38	n.a.	M27
T 28	21 41 28	23°19'18	15°34	13°59	27°53	21° 5	21°42	12°59	20°44	0° 8	5° 7	7°15	8°41	15°45	n.a.	T 28
W29	21 45 25	24°18'38	0♈18	15°23	29° 8	21°32	21°52	13° 5	20°44	0°10	5°D 7	7°D13	8°38	15°51	n.a.	W29
T 30	21 49 21	25°18'01	14°57	16°46	0♍23	21°59	22° 2	13°10	20°43	0°12	5° 7	7°13	8°35	15°58	n.a.	T 30
F 31	21 53 18	26♌17'26	29♈26	18♍ 7	1♍39	22♉25	22♎12	13♎15	20♐42	0♌14	5♐ 7	7♈14	8♈31	16♎ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n 8	5s23	1s38	22n 6	1n42	22n52	1n14	13n11	1s 4	6s18	0n56	2s15	2n22	23s54	0s21	21n25	0n46	21s16	0n17	3n44	4n 4	5s20			n.a.
T 2	20 57	1n30	0 24	21 38	1 39	22 39	1 15	13 22	1 3	6 21	0 56	2 17	2 22	23 54	0 21	21 24	0 46	21 16	0 16	3 44	4 3	5 24			n.a.
F 3	20 45	8 17	0n51	21 9	1 36	22 26	1 16	13 34	1 2	6 23	0 55	2 19	2 22	23 54	0 21	21 24	0 46	21 16	0 16	3 44	4 2	5 27			n.a.
S 4	20 32	14 37	2 2	20 39	1 32	22 12	1 17	13 45	1 2	6 26	0 55	2 20	2 21	23 53	0 21	21 23	0 46	21 16	0 16	3 44	4 0	5 31			n.a.
S 5	20 20	20 9	3 6	20 7	1 28	21 57	1 18	13 57	1 1	6 29	0 55	2 22	2 21	23 53	0 21	21 23	0 46	21 16	0 16	3 43	3 59	5 34			n.a.
M 6	20 7	24 32	3 58	19 35	1 24	21 41	1 19	14 8	1 0	6 32	0 55	2 24	2 21	23 53	0 21	21 22	0 46	21 16	0 16	3 42	3 58	5 37			n.a.
T 7	19 53	27 30	4 36	19 2	1 19	21 26	1 20	14 19	0 59	6 35	0 54	2 25	2 21	23 53	0 21	21 22	0 46	21 16	0 16	3 40	3 57	5 41			n.a.
W 8	19 39	28 47	4 58	18 27	1 14	21 9	1 21	14 30	0 58	6 38	0 54	2 27	2 20	23 53	0 21	21 22	0 46	21 16	0 16	3 37	3 55	5 44			n.a.
T 9	19 25	28 22	5 3	17 52	1 9	20 52	1 21	14 41	0 58	6 42	0 54	2 29	2 20	23 53	0 21	21 21	0 46	21 16	0 16	3 33	3 54	5 48			n.a.
F 10	19 11	26 20	4 52	17 16	1 4	20 34	1 22	14 52	0 57	6 45	0 54	2 31	2 20	23 53	0 21	21 21	0 46	21 16	0 16	3 28	3 53	5 51			n.a.
S 11	18 56	22 57	4 25	16 39	0 58	20 15	1 22	15 2	0 56	6 48	0 53	2 32	2 20	23 53	0 21	21 20	0 46	21 16	0 16	3 24	3 51	5 55			n.a.
S 12	18 41	18 33	3 46	16 2	0 52	19 56	1 23	15 13	0 55	6 51	0 53	2 34	2 19	23 53	0 21	21 20	0 46	21 16	0 15	3 20	3 50	5 58			n.a.
M13	18 26	13 27	2 57	15 24	0 46	19 37	1 23	15 23	0 54	6 55	0 53	2 36	2 19	23 52	0 21	21 19	0 46	21 16	0 15	3 17	3 49	6 1			n.a.
T 14	18 10	7 55	2 1	14 46	0 40	19 16	1 24	15 33	0 53	6 58	0 53	2 38	2 19	23 52	0 21	21 19	0 46	21 16	0 15	3 15	3 48	6 5			n.a.
W15	17 54	2 11	1 0	14 8	0 33	18 56	1 24	15 43	0 53	7 1	0 53	2 40	2 19	23 52	0 21	21 18	0 46	21 16	0 15	3 14	3 46	6 8			n.a.
T 16	17 37	3s34	0s 4	13 28	0 26	18 34	1 24	15 53	0 52	7 5	0 52	2 42	2 19	23 52	0 21	21 18	0 46	21 16	0 15	3 13	3 45	6 12			n.a.
F 17	17 21	9 10	1 7	12 49	0 20	18 12	1 24	16 3	0 51	7 8	0 52	2 44	2 18	23 52	0 21	21 17	0 46	21 16	0 15	3 14	3 44	6 15			n.a.
S 18	17 4	14 27	2 7	12 9	0 13	17 50	1 24	16 12	0 50	7 12	0 52	2 46	2 18	23 52	0 21	21 17	0 46	21 16	0 15	3 14	3 43	6 19			n.a.
S 19	16 46	19 15	3 2	11 30	0 6	17 27	1 24	16 22	0 49	7 16	0 52	2 48	2 18	23 52	0 21	21 17	0 46	21 16	0 15	3 14	3 41	6 22			n.a.
M20	16 29	23 22	3 50	10 50	0s 1	17 4	1 24	16 31	0 48	7 19	0 51	2 50	2 18	23 52	0 21	21 16	0 46	21 16	0 15	3 14	3 40	6 25			n.a.
T 21	16 11	26 32	4 29	10 10	0 9	16 40	1 24	16 40	0 47	7 23	0 51	2 52	2 18	23 52	0 21	21 16	0 46	21 16	0 15	3 13	3 39	6 29			n.a.
W22	15 53	28 28	4 55	9 29	0 16	16 16	1 24	16 50	0 46	7 27	0 51	2 54	2 17	23 52	0 21	21 15	0 46	21 16	0 14	3 11	3 37	6 32			n.a.
T 23	15 34	28 53	5 7	8 49	0 23	15 51	1 24	16 59	0 45	7 30	0 51	2 57	2 17	23 52	0 21	21 15	0 46	21 17	0 14	3 8	3 36	6 36			n.a.
F 24	15 15	27 36	5 3	8 9	0 31	15 26	1 24	17 7	0 44	7 34	0 50	2 59	2 17	23 51	0 21	21 14	0 46	21 17	0 14	3 5	3 35	6 39			n.a.
S 25	14 57	24 36	4 40	7 29	0 38	15 0	1 23	17 16	0 43	7 38	0 50	3 1	2 17	23 51	0 21	21 14	0 46	21 17	0 14	3 2	3 34	6 43			n.a.
S 26	14 37	20 2	4 0	6 48	0 45	14 34	1 23	17 25	0 42	7 42	0 50	3 3	2 17	23 51	0 21	21 13	0 46	21 17	0 14	2 59	3 32	6 46			n.a.
M27	14 18	14 12	3 4	6 8	0 53	14 8	1 22	17 33	0 41	7 46	0 50	3 5	2 16	23 51	0 21	21 13	0 46	21 17	0 14	2 57	3 31	6 49			n.a.
T 28	13 58	7 32	1 55	5 29	1 0	13 41	1 22	17 41	0 40	7 50	0 50	3 8	2 16	23 51	0 21	21 13	0 46	21 17	0 14	2 55	3 30	6 53			n.a.
W29	13 38	0 27	0 37	4 49	1 8	13 14	1 21	17 50	0 39	7 54	0 49	3 10	2 16	23 51	0 21	21 12	0 46	21 17	0 14	2 55	3 29	6 56			n.a.
T 30	13 18	6n38	0n42	4 10	1 15	12 46	1 20	17 58	0 38	7 58	0 49	3 12	2 16	23 51	0 21	21 12	0 46	21 17	0 14	2 55	3 27	7 0			n.a.
F 31	12n58	13n17	1n58	3n31	1s22	12n18	1n20	18n 6	0s36	8s 2	0n49	3s14	2n16	23s51	0s21	21n11	0n46	21s17	0n14	2n55	3n26	7s 3			n.a.

Julian Day Number = 1284431.5, Delta T = 08h05m05s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'21, Lahiri = -20°28'20 Julian Calendar 1 Aug. 1197 BCE == Greg. Calendar 21 July 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

SEPTEMBER 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 14	27♌16'54	13♉42	19♍28	2♍54	22♉51	22♎22	13♎21	20°R42	0♌16	5♐ 7	7♈15	8♈28	16♎11	n.a.	S 1
S 2	22 1 11	28°16'24	27°42	20°47	4° 9	23°16	22°33	13°26	20♐41	0°18	5° 7	7°R16	8°25	16°18	n.a.	S 2
M 3	22 5 7	29°15'57	11♊27	22° 5	5°24	23°41	22°43	13°32	20°41	0°20	5° 7	7°15	8°22	16°24	n.a.	M 3
T 4	22 9 4	0♍15'33	24°57	23°22	6°39	24° 6	22°54	13°38	20°41	0°22	5° 7	7°13	8°19	16°31	n.a.	T 4
W 5	22 13 0	1°15'10	8♋12	24°37	7°54	24°31	23° 5	13°43	20°40	0°24	5° 8	7° 9	8°15	16°38	n.a.	W 5
T 6	22 16 57	2°14'51	21°13	25°51	9°10	24°55	23°15	13°49	20°40	0°26	5° 8	7° 4	8°12	16°44	n.a.	T 6
F 7	22 20 54	3°14'33	4♌ 1	27° 4	10°25	25°19	23°26	13°55	20°40	0°28	5° 8	6°58	8° 9	16°51	n.a.	F 7
S 8	22 24 50	4°14'18	16°36	28°14	11°40	25°42	23°37	14° 1	20°40	0°30	5° 8	6°52	8° 6	16°58	n.a.	S 8
S 9	22 28 47	5°14'05	28°59	29°23	12°55	26° 5	23°48	14° 7	20°40	0°32	5° 9	6°47	8° 3	17° 4	n.a.	S 9
M10	22 32 43	6°13'54	11♍11	0♎30	14°10	26°28	23°59	14°13	20°39	0°34	5° 9	6°43	8° 0	17°11	n.a.	M10
T 11	22 36 40	7°13'45	23°13	1°34	15°26	26°50	24°11	14°19	20°D39	0°35	5°10	6°40	7°56	17°18	n.a.	T 11
W12	22 40 36	8°13'38	5♎ 7	2°36	16°41	27°12	24°22	14°25	20°39	0°37	5°10	6°D39	7°53	17°24	n.a.	W12
T 13	22 44 33	9°13'33	16°56	3°36	17°56	27°33	24°33	14°31	20°40	0°39	5°10	6°40	7°50	17°31	n.a.	T 13
F 14	22 48 29	10°13'30	28°42	4°32	19°11	27°54	24°45	14°37	20°40	0°41	5°11	6°41	7°47	17°38	n.a.	F 14
S 15	22 52 26	11°13'29	10♏30	5°25	20°27	28°14	24°56	14°43	20°40	0°43	5°11	6°43	7°44	17°44	n.a.	S 15
S 16	22 56 22	12°13'30	22°23	6°15	21°42	28°34	25° 8	14°49	20°40	0°45	5°12	6°45	7°41	17°51	n.a.	S 16
M17	23 0 19	13°13'33	4♐27	7° 0	22°57	28°54	25°20	14°56	20°40	0°46	5°12	6°46	7°37	17°57	n.a.	M17
T 18	23 4 16	14°13'38	16°46	7°41	24°12	29°13	25°32	15° 2	20°41	0°48	5°13	6°R46	7°34	18° 4	n.a.	T 18
W19	23 8 12	15°13'44	29°25	8°17	25°28	29°31	25°43	15° 8	20°41	0°50	5°14	6°45	7°31	18°11	n.a.	W19
T 20	23 12 9	16°13'52	12♑28	8°48	26°43	29°49	25°55	15°15	20°42	0°51	5°14	6°44	7°28	18°17	n.a.	T 20
F 21	23 16 5	17°14'02	25°57	9°13	27°58	0♊ 7	26° 7	15°21	20°42	0°53	5°15	6°41	7°25	18°24	n.a.	F 21
S 22	23 20 2	18°14'13	9♒54	9°31	29°13	0°24	26°19	15°28	20°43	0°55	5°16	6°39	7°21	18°31	n.a.	S 22
S 23	23 23 58	19°14'26	24°17	9°41	0♎28	0°40	26°32	15°34	20°43	0°56	5°16	6°36	7°18	18°37	n.a.	S 23
M24	23 27 55	20°14'41	9♓ 2	9°R44	1°44	0°56	26°44	15°41	20°44	0°58	5°17	6°34	7°15	18°44	n.a.	M24
T 25	23 31 51	21°14'58	24° 2	9°38	2°59	1°12	26°56	15°47	20°45	1° 0	5°18	6°33	7°12	18°51	n.a.	T 25
W26	23 35 48	22°15'17	9♈ 7	9°24	4°14	1°26	27° 8	15°54	20°45	1° 1	5°19	6°D33	7° 9	18°57	n.a.	W26
T 27	23 39 45	23°15'37	24°10	9° 0	5°29	1°41	27°21	16° 0	20°46	1° 3	5°20	6°33	7° 6	19° 4	n.a.	T 27
F 28	23 43 41	24°16'00	9♉ 2	8°26	6°44	1°54	27°33	16° 7	20°47	1° 4	5°21	6°34	7° 2	19°11	n.a.	F 28
S 29	23 47 38	25°16'25	23°37	7°42	8° 0	2° 8	27°46	16°14	20°48	1° 6	5°21	6°35	6°59	19°17	n.a.	S 29
S 30	23 51 34	26♍16'52	7♊50	6♎49	9♎15	2♊20	27♎58	16♎20	20♐49	1♌ 7	5♐22	6♈36	6♈56	19♎24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n37	19n 9	3n 5	2n52	1s30	11n50	1n19	18n13	0s35	8s 6	0n49	3s17	2n15	23s51	0s21	21n11	0n46	21s17	0n13	2n56	3n25	7s 6		n.a.
S 2	12 16	23 52	4 0	2 14	1 37	11 21	1 18	18 21	0 34	8 10	0 49	3 19	2 15	23 51	0 21	21 10	0 46	21 17	0 13	2 56	3 23	7 10		n.a.
M 3	11 55	27 9	4 40	1 36	1 44	10 53	1 17	18 29	0 33	8 14	0 48	3 21	2 15	23 51	0 21	21 10	0 46	21 18	0 13	2 56	3 22	7 13		n.a.
T 4	11 34	28 48	5 4	0 59	1 51	10 23	1 16	18 36	0 32	8 18	0 48	3 24	2 15	23 51	0 21	21 10	0 46	21 18	0 13	2 55	3 21	7 17		n.a.
W 5	11 13	28 45	5 11	0 22	1 58	9 54	1 15	18 43	0 30	8 22	0 48	3 26	2 15	23 51	0 21	21 9	0 46	21 18	0 13	2 53	3 20	7 20		n.a.
T 6	10 51	27 6	5 2	0s14	2 5	9 24	1 14	18 51	0 29	8 27	0 48	3 29	2 15	23 51	0 21	21 9	0 46	21 18	0 13	2 51	3 18	7 23		n.a.
F 7	10 29	24 4	4 38	0 49	2 11	8 54	1 13	18 58	0 28	8 31	0 48	3 31	2 14	23 51	0 21	21 8	0 46	21 18	0 13	2 48	3 17	7 27		n.a.
S 8	10 7	19 56	4 0	1 23	2 18	8 24	1 12	19 4	0 27	8 35	0 47	3 34	2 14	23 51	0 21	21 8	0 46	21 18	0 13	2 46	3 16	7 30		n.a.
S 9	9 45	15 0	3 12	1 57	2 24	7 54	1 10	19 11	0 25	8 39	0 47	3 36	2 14	23 51	0 21	21 8	0 46	21 18	0 13	2 44	3 15	7 34		n.a.
M10	9 23	9 34	2 15	2 29	2 30	7 23	1 9	19 18	0 24	8 44	0 47	3 38	2 14	23 51	0 21	21 7	0 46	21 19	0 13	2 42	3 13	7 37		n.a.
T 11	9 0	3 51	1 13	3 0	2 35	6 52	1 8	19 24	0 23	8 48	0 47	3 41	2 14	23 51	0 21	21 7	0 46	21 19	0 12	2 41	3 12	7 40		n.a.
W12	8 37	1s56	0 8	3 30	2 40	6 21	1 6	19 31	0 21	8 53	0 47	3 44	2 14	23 51	0 21	21 6	0 46	21 19	0 12	2 41	3 11	7 44		n.a.
T 13	8 15	7 37	0s56	3 58	2 45	5 50	1 5	19 37	0 20	8 57	0 47	3 46	2 14	23 51	0 21	21 6	0 46	21 19	0 12	2 41	3 9	7 47		n.a.
F 14	7 52	13 2	1 58	4 25	2 50	5 19	1 3	19 43	0 19	9 1	0 46	3 49	2 13	23 51	0 21	21 6	0 46	21 19	0 12	2 42	3 8	7 51		n.a.
S 15	7 28	18 0	2 56	4 50	2 54	4 47	1 1	19 49	0 17	9 6	0 46	3 51	2 13	23 51	0 21	21 5	0 46	21 20	0 12	2 43	3 7	7 54		n.a.
S 16	7 5	22 18	3 46	5 13	2 57	4 16	1 0	19 55	0 16	9 10	0 46	3 54	2 13	23 51	0 21	21 5	0 46	21 20	0 12	2 43	3 6	7 57		n.a.
M17	6 42	25 45	4 27	5 34	3 0	3 44	0 58	20 1	0 14	9 15	0 46	3 56	2 13	23 51	0 21	21 5	0 46	21 20	0 12	2 44	3 4	8 1		n.a.
T 18	6 18	28 5	4 57	5 53	3 2	3 12	0 56	20 7	0 13	9 19	0 46	3 59	2 13	23 51	0 21	21 4	0 46	21 20	0 12	2 44	3 3	8 4		n.a.
W19	5 55	29 3	5 13	6 9	3 4	2 40	0 55	20 12	0 11	9 24	0 46	4 1	2 13	23 51	0 21	21 4	0 47	21 20	0 12	2 44	3 2	8 7		n.a.
T 20	5 31	28 27	5 14	6 22	3 4	2 8	0 53	20 18	0 10	9 28	0 45	4 4	2 13	23 51	0 20	21 4	0 47	21 21	0 12	2 43	3 1	8 11		n.a.
F 21	5 7	26 11	4 58	6 31	3 4	1 36	0 51	20 23	0 8	9 33	0 45	4 7	2 12	23 51	0 20	21 3	0 47	21 21	0 11	2 42	2 59	8 14		n.a.
S 22	4 44	22 18	4 24	6 37	3 3	1 4	0 49	20 28	0 6	9 38	0 45	4 9	2 12	23 51	0 20	21 3	0 47	21 21	0 11	2 41	2 58	8 18		n.a.
S 23	4 20	16 59	3 33	6 39	3 0	0 31	0 47	20 33	0 5	9 42	0 45	4 12	2 12	23 51	0 20	21 2	0 47	21 21	0 11	2 40	2 57	8 21		n.a.
M24	3 56	10 34	2 27	6 37	2 56	0s 1	0 45	20 38	0 3	9 47	0 45	4 15	2 12	23 51	0 20	21 2	0 47	21 21	0 11	2 39	2 55	8 24		n.a.
T 25	3 32	3 28	1 9	6 30	2 51	0 33	0 43	20 43	0 2	9 51	0 45	4 17	2 12	23 51	0 20	21 2	0 47	21 22	0 11	2 39	2 54	8 28		n.a.
W26	3 7	3n53	0n14	6 17	2 44	1 5	0 41	20 48	0n 0	9 56	0 44	4 20	2 12	23 51	0 20	21 2	0 47	21 22	0 11	2 39	2 53	8 31		n.a.
T 27	2 43	11 1	1 36	6 0	2 36	1 37	0 39	20 52	0 2	10 1	0 44	4 23	2 12	23 51	0 20	21 1	0 47	21 22	0 11	2 39	2 52	8 34		n.a.
F 28	2 19	17 26	2 51	5 37	2 25	2 10	0 37	20 57	0 4	10 5	0 44	4 25	2 12	23 51	0 20	21 1	0 47	21 22	0 11	2 39	2 50	8 38		n.a.
S 29	1 55	22 44	3 53	5 8	2 13	2 42	0 34	21 1	0 5	10 10	0 44	4 28	2 12	23 51	0 20	21 1	0 47	21 23	0 11	2 39	2 49	8 41		n.a.
S 30	1n30	26n33	4n38	4s34	1s59	3s14	0n32	21n 6	0n 7	10s15	0n44	4s31	2n12	23s51	0s20	21n 0	0n47	21s23	0n11	2n40	2n48	8s45		n.a.

Julian Day Number = 1284462.5, Delta T = 08h05m03s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'16, Lahiri = -20°28'16 Julian Calendar 1 Sept. 1197 BCE == Greg. Calendar 21 Aug. 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

OCTOBER 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 55 31	27♍17'21	21♊41	5°R47	10♎30	2♊32	28♎11	16♎27	20♐50	1♌ 9	5♐23	6°R36	6♈53	19♎31	n.a.	M 1
T 2	23 59 27	28°17'52	5♋ 9	4♎38	11°45	2°43	28°24	16°34	20°51	1°10	5°24	6♈36	6°50	19°37	n.a.	T 2
W 3	0 3 24	29°18'25	18°15	3°23	13° 0	2°54	28°36	16°41	20°52	1°11	5°25	6°36	6°46	19°44	n.a.	W 3
T 4	0 7 20	0♎19'00	1♌ 3	2° 4	14°16	3° 4	28°49	16°47	20°53	1°13	5°26	6°35	6°43	19°51	n.a.	T 4
F 5	0 11 17	1°19'37	13°35	0°43	15°31	3°13	29° 2	16°54	20°54	1°14	5°27	6°35	6°40	19°57	n.a.	F 5
S 6	0 15 14	2°20'16	25°54	29♍24	16°46	3°22	29°15	17° 1	20°56	1°15	5°29	6°34	6°37	20° 4	n.a.	S 6
S 7	0 19 10	3°20'57	8♍ 2	28° 9	18° 1	3°30	29°28	17° 8	20°57	1°17	5°30	6°34	6°34	20°10	n.a.	S 7
M 8	0 23 7	4°21'39	20° 1	27° 0	19°16	3°37	29°41	17°15	20°58	1°18	5°31	6°33	6°31	20°17	n.a.	M 8
T 9	0 27 3	5°22'23	1♎55	26° 0	20°31	3°43	29°54	17°22	21° 0	1°19	5°32	6°33	6°27	20°24	n.a.	T 9
W10	0 31 0	6°23'09	13°44	25° 9	21°47	3°49	0♏ 7	17°29	21° 1	1°20	5°33	6°33	6°24	20°30	n.a.	W10
T 11	0 34 56	7°23'56	25°32	24°29	23° 2	3°54	0°20	17°36	21° 3	1°21	5°34	6°33	6°21	20°37	n.a.	T 11
F 12	0 38 53	8°24'45	7♏19	24° 1	24°17	3°58	0°33	17°43	21° 4	1°22	5°36	6°33	6°18	20°44	n.a.	F 12
S 13	0 42 49	9°25'34	19° 9	23°45	25°32	4° 2	0°46	17°49	21° 6	1°24	5°37	6°33	6°15	20°50	n.a.	S 13
S 14	0 46 46	10°26'26	1♐ 5	23°D40	26°47	4° 4	1° 0	17°56	21° 7	1°25	5°38	6°32	6°12	20°57	n.a.	S 14
M15	0 50 42	11°27'18	13°10	23°46	28° 2	4° 6	1°13	18° 3	21° 9	1°26	5°40	6°32	6° 8	21° 4	n.a.	M15
T 16	0 54 39	12°28'12	25°28	24° 3	29°17	4° 7	1°26	18°10	21°11	1°27	5°41	6°31	6° 5	21°10	n.a.	T 16
W17	0 58 36	13°29'07	8♑ 3	24°28	0♏32	4°R 8	1°40	18°17	21°13	1°28	5°42	6°D31	6° 2	21°17	n.a.	W17
T 18	1 2 32	14°30'02	20°58	25° 2	1°48	4° 7	1°53	18°24	21°14	1°29	5°44	6°31	5°59	21°24	n.a.	T 18
F 19	1 6 29	15°30'59	4♒18	25°44	3° 3	4° 6	2° 6	18°31	21°16	1°29	5°45	6°31	5°56	21°30	n.a.	F 19
S 20	1 10 25	16°31'57	18° 3	26°33	4°18	4° 4	2°20	18°38	21°18	1°30	5°47	6°32	5°52	21°37	n.a.	S 20
S 21	1 14 22	17°32'55	2♓16	27°27	5°33	4° 1	2°33	18°45	21°20	1°31	5°48	6°33	5°49	21°44	n.a.	S 21
M22	1 18 18	18°33'55	16°54	28°27	6°48	3°57	2°47	18°52	21°22	1°32	5°49	6°34	5°46	21°50	n.a.	M22
T 23	1 22 15	19°34'55	1♈53	29°31	8° 3	3°52	3° 0	18°59	21°24	1°33	5°51	6°R34	5°43	21°57	n.a.	T 23
W24	1 26 11	20°35'57	17° 5	0♎39	9°18	3°47	3°14	19° 6	21°26	1°33	5°53	6°34	5°40	22° 4	n.a.	W24
T 25	1 30 8	21°36'59	2♉21	1°51	10°33	3°40	3°27	19°13	21°28	1°34	5°54	6°33	5°37	22°10	n.a.	T 25
F 26	1 34 5	22°38'03	17°30	3° 6	11°48	3°33	3°41	19°20	21°31	1°35	5°56	6°32	5°33	22°17	n.a.	F 26
S 27	1 38 1	23°39'08	2♊24	4°23	13° 3	3°25	3°55	19°27	21°33	1°35	5°57	6°29	5°30	22°23	n.a.	S 27
S 28	1 41 58	24°40'14	16°55	5°42	14°18	3°17	4° 8	19°34	21°35	1°36	5°59	6°27	5°27	22°30	n.a.	S 28
M29	1 45 54	25°41'21	0♋59	7° 3	15°33	3° 7	4°22	19°41	21°37	1°37	6° 0	6°25	5°24	22°37	n.a.	M29
T 30	1 49 51	26°42'30	14°35	8°25	16°48	2°56	4°36	19°48	21°40	1°37	6° 2	6°23	5°21	22°43	n.a.	T 30
W31	1 53 47	27♎43'39	27♋45	9♎49	18♏ 3	2♊45	4♏49	19♎55	21♐42	1♌38	6♐ 4	6°D23	5♈18	22♎50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	1n 6	28n41	5n 7	3s55	1s43	3s46	0n30	21n10	0n 9	10s20	0n44	4s33	2n11	23s51	0s20	21n 0	0n47	21s23	0n10	2n40	2n47	8s48			n.a.
T 2	0 41	29 1	5 17	3 11	1 26	4 18	0 28	21 14	0 11	10 24	0 44	4 36	2 11	23 51	0 20	21 0	0 47	21 24	0 10	2 40	2 45	8 51			n.a.
W 3	0 17	27 42	5 11	2 23	1 7	4 50	0 25	21 18	0 13	10 29	0 43	4 39	2 11	23 51	0 20	20 59	0 47	21 24	0 10	2 40	2 44	8 55			n.a.
T 4	0s 8	24 57	4 49	1 33	0 47	5 22	0 23	21 22	0 15	10 34	0 43	4 41	2 11	23 52	0 20	20 59	0 47	21 24	0 10	2 40	2 43	8 58			n.a.
F 5	0 32	21 4	4 14	0 42	0 27	5 53	0 21	21 25	0 17	10 39	0 43	4 44	2 11	23 52	0 20	20 59	0 47	21 24	0 10	2 39	2 41	9 1			n.a.
S 6	0 57	16 20	3 27	0n 9	0 6	6 25	0 18	21 29	0 19	10 43	0 43	4 47	2 11	23 52	0 20	20 59	0 47	21 25	0 10	2 39	2 40	9 5			n.a.
S 7	1 21	11 2	2 32	0 58	0n14	6 56	0 16	21 33	0 21	10 48	0 43	4 50	2 11	23 52	0 20	20 58	0 47	21 25	0 10	2 39	2 39	9 8			n.a.
M 8	1 46	5 24	1 31	1 44	0 34	7 28	0 13	21 36	0 23	10 53	0 43	4 52	2 11	23 52	0 20	20 58	0 47	21 25	0 10	2 39	2 38	9 11			n.a.
T 9	2 10	0s23	0 26	2 25	0 53	7 59	0 11	21 39	0 25	10 58	0 43	4 55	2 11	23 52	0 20	20 58	0 47	21 26	0 10	2 39	2 36	9 15			n.a.
W10	2 35	6 7	0s40	3 1	1 10	8 29	0 9	21 42	0 27	11 2	0 42	4 58	2 11	23 52	0 20	20 58	0 47	21 26	0 10	2 39	2 35	9 18			n.a.
T 11	2 59	11 38	1 44	3 31	1 25	9 0	0 6	21 46	0 29	11 7	0 42	5 1	2 11	23 52	0 20	20 58	0 47	21 26	0 9	2 39	2 34	9 21			n.a.
F 12	3 23	16 45	2 43	3 55	1 39	9 31	0 4	21 48	0 31	11 12	0 42	5 3	2 11	23 52	0 20	20 57	0 47	21 27	0 9	2 39	2 32	9 25			n.a.
S 13	3 48	21 15	3 35	4 12	1 50	10 1	0 1	21 51	0 34	11 17	0 42	5 6	2 11	23 52	0 20	20 57	0 47	21 27	0 9	2 38	2 31	9 28			n.a.
S 14	4 12	24 56	4 19	4 23	2 0	10 31	0s 1	21 54	0 36	11 22	0 42	5 9	2 10	23 52	0 20	20 57	0 47	21 27	0 9	2 38	2 30	9 31			n.a.
M15	4 36	27 35	4 52	4 28	2 8	11 1	0 4	21 57	0 38	11 26	0 42	5 12	2 10	23 53	0 20	20 57	0 47	21 28	0 9	2 38	2 29	9 35			n.a.
T 16	5 0	28 57	5 12	4 27	2 15	11 30	0 6	21 59	0 40	11 31	0 42	5 14	2 10	23 53	0 20	20 56	0 47	21 28	0 9	2 38	2 27	9 38			n.a.
W17	5 24	28 52	5 17	4 21	2 19	11 59	0 9	22 1	0 43	11 36	0 41	5 17	2 10	23 53	0 20	20 56	0 47	21 28	0 9	2 38	2 26	9 41			n.a.
T 18	5 49	27 14	5 8	4 11	2 23	12 28	0 11	22 4	0 45	11 41	0 41	5 20	2 10	23 53	0 20	20 56	0 48	21 29	0 9	2 38	2 25	9 45			n.a.
F 19	6 12	24 3	4 41	3 56	2 25	12 57	0 14	22 6	0 47	11 46	0 41	5 22	2 10	23 53	0 20	20 56	0 48	21 29	0 9	2 38	2 24	9 48			n.a.
S 20	6 36	19 26	3 58	3 37	2 26	13 25	0 16	22 8	0 50	11 50	0 41	5 25	2 10	23 53	0 20	20 56	0 48	21 29	0 9	2 38	2 22	9 51			n.a.
S 21	7 0	13 37	2 59	3 15	2 25	13 53	0 19	22 9	0 52	11 55	0 41	5 28	2 10	23 53	0 20	20 56	0 48	21 30	0 8	2 39	2 21	9 55			n.a.
M22	7 24	6 54	1 47	2 49	2 24	14 21	0 22	22 11	0 55	12 0	0 41	5 31	2 10	23 53	0 20	20 56	0 48	21 30	0 8	2 39	2 20	9 58			n.a.
T 23	7 47	0n22	0 26	2 22	2 22	14 48	0 24	22 13	0 57	12 5	0 41	5 33	2 10	23 53	0 20	20 55	0 48	21 30	0 8	2 39	2 18	10 1			n.a.
W24	8 11	7 42	0n58	1 52	2 20	15 15	0 27	22 14	1 0	12 10	0 41	5 36	2 10	23 54	0 20	20 55	0 48	21 31	0 8	2 39	2 17	10 5			n.a.
T 25	8 34	14 39	2 18	1 20	2 16	15 41	0 29	22 15	1 2	12 14	0 41	5 39	2 10	23 54	0 20	20 55	0 48	21 31	0 8	2 39	2 16	10 8			n.a.
F 26	8 57	20 39	3 28	0 46	2 12	16 8	0 31	22 16	1 5	12 19	0 40	5 41	2 10	23 54	0 20	20 55	0 48	21 31	0 8	2 38	2 15	10 11			n.a.
S 27	9 20	25 16	4 22	0 11	2 8	16 33	0 34	22 17	1 7	12 24	0 40	5 44	2 10	23 54	0 20	20 55	0 48	21 32	0 8	2 37	2 13	10 15			n.a.
S 28	9 43	28 7	4 58	0s25	2 3	16 58	0 36	22 18	1 10	12 29	0 40	5 47	2 10	23 54	0 20	20 55	0 48	21 32	0 8	2 36	2 12	10 18			n.a.
M29	10 5	29 5	5 15	1 3	1 58	17 23	0 39	22 19	1 12	12 34	0 40	5 49	2 10	23 54	0 20	20 55	0 48	21 33	0 8	2 35	2 11	10 21			n.a.
T 30	10 28	28 12	5 13	1 41	1 52	17 48	0 41	22 19	1 15	12 38	0 40	5 52	2 10	23 54	0 20	20 55	0 48	21 33	0 8	2 35	2 9	10 25			n.a.
W31	10s50	25n46	4n54	2s20	1n47	18s11	0s44	22n20	1n18	12s43	0n40	5s55	2n10	23s55	0s20	20n55	0n48	21s33	0n 8	2n34	2n 8	10s28			n.a.

Julian Day Number = 1284492.5, Delta T = 08h05m01s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'12, Lahiri = -20°28'12 Julian Calendar 1 Oct. 1197 BCE == Greg. Calendar 20 Sept. 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

NOVEMBER 1197 BCE (-1196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 44	28♎44'50	10♌30	11♎14	19♏18	2°R33	5♏ 3	20♎ 2	21♐44	1♌38	6♐ 5	6♈23	5♈14	22♎57	n.a.	T 1
F 2	2 1 41	29°46'01	22°55	12°41	20°33	2♊20	5°17	20° 9	21°47	1°39	6° 7	6°25	5°11	23° 3	n.a.	F 2
S 3	2 5 37	0♏47'14	5♍ 5	14° 8	21°47	2° 6	5°30	20°16	21°49	1°39	6° 9	6°26	5° 8	23°10	n.a.	S 3
S 4	2 9 34	1°48'28	17° 4	15°35	23° 2	1°51	5°44	20°23	21°52	1°39	6°11	6°28	5° 5	23°17	n.a.	S 4
M 5	2 13 30	2°49'42	28°55	17° 4	24°17	1°36	5°58	20°30	21°54	1°40	6°12	6°29	5° 2	23°23	n.a.	M 5
T 6	2 17 27	3°50'57	10♎43	18°33	25°32	1°20	6°12	20°37	21°57	1°40	6°14	6°R30	4°58	23°30	n.a.	T 6
W 7	2 21 23	4°52'13	22°30	20° 2	26°47	1° 3	6°25	20°44	22° 0	1°40	6°16	6°28	4°55	23°37	n.a.	W 7
T 8	2 25 20	5°53'29	4♏19	21°32	28° 2	0°45	6°39	20°50	22° 2	1°40	6°18	6°26	4°52	23°43	n.a.	T 8
F 9	2 29 16	6°54'46	16°11	23° 2	29°17	0°27	6°53	20°57	22° 5	1°41	6°19	6°21	4°49	23°50	n.a.	F 9
S 10	2 33 13	7°56'04	28° 8	24°33	0♐32	0° 8	7° 7	21° 4	22° 8	1°41	6°21	6°16	4°46	23°57	n.a.	S 10
S 11	2 37 10	8°57'22	10♐13	26° 4	1°46	29♉49	7°20	21°11	22°10	1°41	6°23	6° 9	4°43	24° 3	n.a.	S 11
M12	2 41 6	9°58'40	22°26	27°35	3° 1	29°29	7°34	21°18	22°13	1°41	6°25	6° 3	4°39	24°10	n.a.	M12
T 13	2 45 3	10°59'58	4♑50	29° 6	4°16	29° 8	7°48	21°24	22°16	1°41	6°27	5°58	4°36	24°17	n.a.	T 13
W14	2 48 59	12° 1'17	17°28	0♏38	5°31	28°47	8° 2	21°31	22°19	1°R41	6°29	5°53	4°33	24°23	n.a.	W14
T 15	2 52 56	13° 2'35	0♒21	2°10	6°46	28°25	8°16	21°38	22°22	1°41	6°31	5°51	4°30	24°30	n.a.	T 15
F 16	2 56 52	14° 3'53	13°33	3°42	8° 0	28° 3	8°29	21°45	22°25	1°41	6°33	5°D50	4°27	24°37	n.a.	F 16
S 17	3 0 49	15° 5'11	27° 7	5°15	9°15	27°40	8°43	21°51	22°28	1°41	6°34	5°51	4°24	24°43	n.a.	S 17
S 18	3 4 46	16° 6'29	11♓ 3	6°48	10°30	27°17	8°57	21°58	22°31	1°41	6°36	5°52	4°20	24°50	n.a.	S 18
M19	3 8 42	17° 7'47	25°23	8°21	11°44	26°54	9°10	22° 4	22°34	1°41	6°38	5°53	4°17	24°57	n.a.	M19
T 20	3 12 39	18° 9'04	10♈ 4	9°54	12°59	26°31	9°24	22°11	22°37	1°40	6°40	5°R53	4°14	25° 3	n.a.	T 20
W21	3 16 35	19°10'21	25° 3	11°27	14°14	26° 7	9°38	22°17	22°40	1°40	6°42	5°52	4°11	25°10	n.a.	W21
T 22	3 20 32	20°11'39	10♉12	13° 1	15°28	25°43	9°52	22°24	22°43	1°40	6°44	5°48	4° 8	25°16	n.a.	T 22
F 23	3 24 28	21°12'56	25°21	14°35	16°43	25°19	10° 5	22°30	22°46	1°40	6°46	5°43	4° 4	25°23	n.a.	F 23
S 24	3 28 25	22°14'13	10♊21	16°10	17°57	24°55	10°19	22°37	22°49	1°39	6°48	5°35	4° 1	25°30	n.a.	S 24
S 25	3 32 21	23°15'30	25° 2	17°44	19°12	24°31	10°32	22°43	22°52	1°39	6°50	5°28	3°58	25°36	n.a.	S 25
M26	3 36 18	24°16'47	9♋18	19°19	20°26	24° 7	10°46	22°49	22°55	1°39	6°52	5°20	3°55	25°43	n.a.	M26
T 27	3 40 15	25°18'04	23° 5	20°55	21°41	23°43	11° 0	22°56	22°58	1°38	6°54	5°14	3°52	25°50	n.a.	T 27
W28	3 44 11	26°19'21	6♌22	22°31	22°55	23°20	11°13	23° 2	23° 2	1°38	6°56	5°10	3°49	25°56	n.a.	W28
T 29	3 48 8	27°20'38	19°13	24° 7	24°10	22°56	11°27	23° 8	23° 5	1°37	6°58	5° 7	3°45	26° 3	n.a.	T 29
F 30	3 52 4	28♏21'54	1♍40	25♏43	25♐24	22♉32	11♏40	23♎14	23♐ 8	1♌37	7♐ 0	5°D 7	3♈42	26♎10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s13	22n 5	4n22	2s59	1n40	18s35	0s46	22n20	1n20	12s48	0n40	5s57	2n10	23s55	0s20	20n54	0n48	21s34	0n 7	2n35	2n 7	10s31		n.a.
F 2	11 35	17 31	3 38	3 39	1 34	18 58	0 48	22 20	1 23	12 53	0 40	6 0	2 10	23 55	0 20	20 54	0 48	21 34	0 7	2 35	2 6	10 34		n.a.
S 3	11 56	12 21	2 45	4 19	1 28	19 20	0 51	22 19	1 26	12 57	0 40	6 3	2 10	23 55	0 20	20 54	0 48	21 35	0 7	2 36	2 4	10 38		n.a.
S 4	12 18	6 48	1 45	4 59	1 21	19 42	0 53	22 19	1 28	13 2	0 40	6 5	2 10	23 55	0 20	20 54	0 48	21 35	0 7	2 37	2 3	10 41		n.a.
M 5	12 39	1 4	0 42	5 40	1 14	20 3	0 55	22 18	1 31	13 7	0 39	6 8	2 10	23 55	0 20	20 54	0 48	21 35	0 7	2 37	2 2	10 44		n.a.
T 6	13 1	4s40	0s23	6 21	1 8	20 24	0 57	22 18	1 33	13 11	0 39	6 11	2 10	23 55	0 20	20 54	0 48	21 36	0 7	2 37	2 0	10 48		n.a.
W 7	13 22	10 14	1 27	7 1	1 1	20 44	1 0	22 17	1 36	13 16	0 39	6 13	2 10	23 56	0 20	20 54	0 48	21 36	0 7	2 37	1 59	10 51		n.a.
T 8	13 42	15 28	2 27	7 42	0 54	21 3	1 2	22 15	1 39	13 21	0 39	6 16	2 10	23 56	0 20	20 54	0 48	21 37	0 7	2 36	1 58	10 54		n.a.
F 9	14 3	20 9	3 20	8 23	0 47	21 22	1 4	22 14	1 41	13 25	0 39	6 18	2 10	23 56	0 20	20 54	0 48	21 37	0 7	2 34	1 57	10 57		n.a.
S 10	14 23	24 4	4 6	9 3	0 40	21 41	1 6	22 13	1 44	13 30	0 39	6 21	2 10	23 56	0 20	20 54	0 48	21 37	0 7	2 32	1 55	11 1		n.a.
S 11	14 43	26 58	4 40	9 43	0 33	21 58	1 8	22 11	1 47	13 35	0 39	6 23	2 10	23 56	0 20	20 54	0 48	21 38	0 7	2 29	1 54	11 4		n.a.
M12	15 3	28 39	5 3	10 23	0 26	22 15	1 10	22 9	1 49	13 39	0 39	6 26	2 10	23 56	0 20	20 54	0 48	21 38	0 6	2 27	1 53	11 7		n.a.
T 13	15 23	28 56	5 11	11 3	0 19	22 32	1 12	22 7	1 52	13 44	0 39	6 28	2 10	23 57	0 20	20 54	0 49	21 39	0 6	2 24	1 52	11 11		n.a.
W14	15 42	27 43	5 5	11 42	0 12	22 48	1 14	22 4	1 54	13 49	0 39	6 31	2 10	23 57	0 20	20 54	0 49	21 39	0 6	2 23	1 50	11 14		n.a.
T 15	16 1	25 1	4 44	12 21	0 5	23 3	1 16	22 2	1 57	13 53	0 39	6 33	2 10	23 57	0 20	20 54	0 49	21 39	0 6	2 22	1 49	11 17		n.a.
F 16	16 20	20 58	4 7	12 59	0s 1	23 17	1 18	21 59	1 59	13 58	0 38	6 36	2 10	23 57	0 20	20 54	0 49	21 40	0 6	2 21	1 48	11 20		n.a.
S 17	16 38	15 44	3 15	13 37	0 8	23 31	1 20	21 56	2 1	14 2	0 38	6 38	2 10	23 57	0 20	20 54	0 49	21 40	0 6	2 21	1 46	11 24		n.a.
S 18	16 56	9 33	2 11	14 14	0 15	23 44	1 21	21 53	2 4	14 7	0 38	6 41	2 10	23 57	0 20	20 55	0 49	21 41	0 6	2 22	1 45	11 27		n.a.
M19	17 14	2 44	0 57	14 51	0 21	23 56	1 23	21 50	2 6	14 11	0 38	6 43	2 11	23 58	0 20	20 55	0 49	21 41	0 6	2 23	1 44	11 30		n.a.
T 20	17 31	4n24	0n23	15 28	0 28	24 8	1 25	21 47	2 8	14 16	0 38	6 46	2 11	23 58	0 20	20 55	0 49	21 42	0 6	2 23	1 43	11 33		n.a.
W21	17 48	11 26	1 42	16 4	0 34	24 19	1 26	21 43	2 11	14 20	0 38	6 48	2 11	23 58	0 20	20 55	0 49	21 42	0 6	2 22	1 41	11 37		n.a.
T 22	18 5	17 53	2 55	16 39	0 40	24 29	1 28	21 40	2 13	14 25	0 38	6 50	2 11	23 58	0 20	20 55	0 49	21 42	0 5	2 21	1 40	11 40		n.a.
F 23	18 22	23 13	3 55	17 13	0 46	24 39	1 29	21 36	2 15	14 29	0 38	6 53	2 11	23 58	0 20	20 55	0 49	21 43	0 5	2 18	1 39	11 43		n.a.
S 24	18 38	26 58	4 39	17 47	0 52	24 47	1 31	21 32	2 17	14 34	0 38	6 55	2 11	23 58	0 20	20 55	0 49	21 43	0 5	2 15	1 37	11 46		n.a.
S 25	18 54	28 47	5 3	18 20	0 58	24 55	1 32	21 28	2 19	14 38	0 38	6 58	2 11	23 59	0 20	20 55	0 49	21 44	0 5	2 12	1 36	11 50		n.a.
M26	19 9	28 37	5 7	18 52	1 4	25 2	1 33	21 23	2 21	14 42	0 38	7 0	2 11	23 59	0 20	20 55	0 49	21 44	0 5	2 9	1 35	11 53		n.a.
T 27	19 24	26 38	4 53	19 24	1 9	25 9	1 35	21 19	2 23	14 47	0 38	7 2	2 11	23 59	0 20	20 55	0 49	21 45	0 5	2 7	1 34	11 56		n.a.
W28	19 39	23 14	4 24	19 54	1 14	25 14	1 36	21 15	2 25	14 51	0 38	7 4	2 11	23 59	0 20	20 56	0 49	21 45	0 5	2 5	1 32	11 59		n.a.
T 29	19 54	18 49	3 42	20 24	1 19	25 19	1 37	21 10	2 26	14 55	0 37	7 7	2 11	23 59	0 20	20 56	0 49	21 45	0 5	2 4	1 31	12 3		n.a.
F 30	20s 8	13n42	2n50	20s52	1s24	25s23	1s38	21n 6	2n28	15s 0	0n37	7s 9	2n11	24s 0	0s20	20n56	0n49	21s46	0n 5	2n 4	1n30	12s 6		n.a.

Julian Day Number = 1284523.5, Delta T = 08h05m00s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'08, Lahiri = -20°28'08 Julian Calendar 1 Nov. 1197 BCE == Greg. Calendar 21 Oct. 1197 BCE

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ASTRODIENST EPHEMERIS for the year 1197 BCE
geocentric

DECEMBER 1197 BCE (-1196) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 1	29♏23'11	13♍49	27♏20	26♐38	22°R 9	11♏54	23♎20	23♐11	1°R36	7♐ 2	5♈ 8	3♈39	26♎16	n.a.	S 1
S 2	3 59 57	0♐24'27	25°45	28°58	27°53	21♉46	12° 7	23°27	23°15	1♌36	7° 4	5° 9	3°36	26°23	n.a.	S 2
M 3	4 3 54	1°25'43	7♎34	0♐36	29° 7	21°23	12°21	23°33	23°18	1°35	7° 6	5°R 9	3°33	26°30	n.a.	M 3
T 4	4 7 51	2°26'59	19°19	2°14	0♑21	21° 1	12°34	23°39	23°21	1°34	7° 8	5° 8	3°29	26°36	n.a.	T 4
W 5	4 11 47	3°28'15	1♏ 7	3°53	1°36	20°39	12°47	23°45	23°25	1°34	7°10	5° 4	3°26	26°43	n.a.	W 5
T 6	4 15 44	4°29'30	12°59	5°32	2°50	20°18	13° 1	23°50	23°28	1°33	7°12	4°58	3°23	26°50	n.a.	T 6
F 7	4 19 40	5°30'44	24°58	7°12	4° 4	19°57	13°14	23°56	23°31	1°32	7°14	4°49	3°20	26°56	n.a.	F 7
S 8	4 23 37	6°31'58	7♐ 6	8°52	5°18	19°37	13°27	24° 2	23°35	1°31	7°16	4°38	3°17	27° 3	n.a.	S 8
S 9	4 27 33	7°33'12	19°24	10°33	6°33	19°17	13°40	24° 8	23°38	1°31	7°18	4°26	3°14	27°10	n.a.	S 9
M10	4 31 30	8°34'24	1♑53	12°14	7°47	18°58	13°54	24°13	23°42	1°30	7°20	4°13	3°10	27°16	n.a.	M10
T 11	4 35 26	9°35'36	14°32	13°55	9° 1	18°40	14° 7	24°19	23°45	1°29	7°22	4° 2	3° 7	27°23	n.a.	T 11
W12	4 39 23	10°36'47	27°23	15°38	10°15	18°22	14°20	24°25	23°48	1°28	7°24	3°52	3° 4	27°30	n.a.	W12
T 13	4 43 20	11°37'56	10♒26	17°20	11°29	18° 5	14°33	24°30	23°52	1°27	7°26	3°46	3° 1	27°36	n.a.	T 13
F 14	4 47 16	12°39'04	23°41	19° 3	12°43	17°48	14°46	24°36	23°55	1°26	7°28	3°42	2°58	27°43	n.a.	F 14
S 15	4 51 13	13°40'11	7♓12	20°47	13°57	17°32	14°59	24°41	23°59	1°25	7°30	3°40	2°55	27°50	n.a.	S 15
S 16	4 55 9	14°41'17	20°58	22°30	15°11	17°17	15°12	24°46	24° 2	1°24	7°32	3°D40	2°51	27°56	n.a.	S 16
M17	4 59 6	15°42'21	5♈ 1	24°14	16°25	17° 3	15°25	24°52	24° 6	1°23	7°34	3°R40	2°48	28° 3	n.a.	M17
T 18	5 3 2	16°43'24	19°22	25°58	17°38	16°50	15°37	24°57	24° 9	1°22	7°36	3°39	2°45	28°10	n.a.	T 18
W19	5 6 59	17°44'26	3♉57	27°43	18°52	16°37	15°50	25° 2	24°13	1°21	7°38	3°36	2°42	28°16	n.a.	W19
T 20	5 10 56	18°45'26	18°43	29°27	20° 6	16°25	16° 3	25° 7	24°16	1°20	7°40	3°30	2°39	28°23	n.a.	T 20
F 21	5 14 52	19°46'26	3♊33	1♑11	21°20	16°14	16°15	25°12	24°20	1°19	7°42	3°22	2°35	28°30	n.a.	F 21
S 22	5 18 49	20°47'23	18°19	2°54	22°33	16° 4	16°28	25°17	24°23	1°18	7°44	3°11	2°32	28°36	n.a.	S 22
S 23	5 22 45	21°48'20	2♋53	4°37	23°47	15°55	16°40	25°22	24°27	1°17	7°46	2°59	2°29	28°43	n.a.	S 23
M24	5 26 42	22°49'16	17° 7	6°19	25° 0	15°46	16°53	25°27	24°30	1°15	7°48	2°47	2°26	28°50	n.a.	M24
T 25	5 30 38	23°50'10	0♌56	8° 0	26°14	15°38	17° 5	25°31	24°34	1°14	7°50	2°37	2°23	28°56	n.a.	T 25
W26	5 34 35	24°51'03	14°18	9°40	27°27	15°31	17°18	25°36	24°37	1°13	7°52	2°29	2°20	29° 3	n.a.	W26
T 27	5 38 31	25°51'55	27°13	11°18	28°41	15°25	17°30	25°40	24°41	1°12	7°54	2°23	2°16	29°10	n.a.	T 27
F 28	5 42 28	26°52'46	9♍45	12°53	29°54	15°19	17°42	25°45	24°44	1°10	7°56	2°21	2°13	29°16	n.a.	F 28
S 29	5 46 25	27°53'35	21°57	14°26	1♒ 7	15°15	17°54	25°49	24°48	1° 9	7°58	2°20	2°10	29°23	n.a.	S 29
S 30	5 50 21	28°54'23	3♎55	15°55	2°20	15°11	18° 6	25°54	24°51	1° 8	8° 0	2°20	2° 7	29°30	n.a.	S 30
M31	5 54 18	29♐55'10	15♎45	17♑21	3♒33	15♉ 8	18♏18	25♎58	24♐55	1♌ 6	8♐ 2	2♈19	2♈ 4	29♎36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s21	8n12	1n52	21s20	1s29	25s27	1s39	21n 1	2n30	15s 4	0n37	7s11	2n11	24s 0	0s20	20n56	0n49	21s46	0n 5	2n 4	1n28	12s 9		n.a.
S 2	20 35	2 29	0 50	21 47	1 33	25 29	1 40	20 56	2 31	15 8	0 37	7 13	2 11	24 0	0 20	20 56	0 49	21 47	0 5	2 5	1 27	12 12		n.a.
M 3	20 47	3s15	0s13	22 12	1 37	25 31	1 41	20 52	2 33	15 12	0 37	7 15	2 12	24 0	0 20	20 56	0 49	21 47	0 4	2 5	1 26	12 15		n.a.
T 4	21 0	8 51	1 15	22 36	1 41	25 32	1 41	20 47	2 34	15 17	0 37	7 18	2 12	24 0	0 20	20 57	0 49	21 48	0 4	2 4	1 25	12 19		n.a.
W 5	21 12	14 9	2 14	23 0	1 45	25 32	1 42	20 42	2 35	15 21	0 37	7 20	2 12	24 0	0 20	20 57	0 49	21 48	0 4	2 3	1 23	12 22		n.a.
T 6	21 24	18 58	3 8	23 22	1 48	25 31	1 43	20 38	2 37	15 25	0 37	7 22	2 12	24 1	0 20	20 57	0 49	21 48	0 4	2 0	1 22	12 25		n.a.
F 7	21 35	23 6	3 53	23 42	1 51	25 30	1 43	20 33	2 38	15 29	0 37	7 24	2 12	24 1	0 20	20 57	0 49	21 49	0 4	1 57	1 21	12 28		n.a.
S 8	21 46	26 16	4 29	24 1	1 54	25 27	1 44	20 28	2 39	15 33	0 37	7 26	2 12	24 1	0 20	20 57	0 49	21 49	0 4	1 52	1 19	12 31		n.a.
S 9	21 56	28 16	4 52	24 19	1 56	25 24	1 44	20 24	2 40	15 37	0 37	7 28	2 12	24 1	0 20	20 58	0 50	21 50	0 4	1 47	1 18	12 35		n.a.
M10	22 6	28 52	5 2	24 35	1 58	25 21	1 44	20 19	2 41	15 41	0 37	7 30	2 12	24 1	0 20	20 58	0 50	21 50	0 4	1 42	1 17	12 38		n.a.
T 11	22 16	27 58	4 58	24 50	2 0	25 16	1 45	20 15	2 42	15 45	0 37	7 32	2 12	24 1	0 20	20 58	0 50	21 51	0 4	1 38	1 16	12 41		n.a.
W12	22 25	25 34	4 38	25 3	2 1	25 11	1 45	20 11	2 42	15 49	0 37	7 34	2 13	24 2	0 20	20 58	0 50	21 51	0 4	1 34	1 14	12 44		n.a.
T 13	22 33	21 49	4 3	25 15	2 2	25 5	1 45	20 7	2 43	15 53	0 37	7 36	2 13	24 2	0 20	20 59	0 50	21 51	0 4	1 31	1 13	12 47		n.a.
F 14	22 42	16 55	3 15	25 24	2 2	24 58	1 45	20 2	2 44	15 57	0 37	7 38	2 13	24 2	0 20	20 59	0 50	21 52	0 3	1 30	1 12	12 51		n.a.
S 15	22 49	11 6	2 16	25 32	2 2	24 50	1 45	19 58	2 45	16 1	0 37	7 40	2 13	24 2	0 20	20 59	0 50	21 52	0 3	1 29	1 11	12 54		n.a.
S 16	22 57	4 40	1 7	25 38	2 1	24 42	1 45	19 55	2 45	16 5	0 36	7 41	2 13	24 2	0 20	20 59	0 50	21 53	0 3	1 29	1 9	12 57		n.a.
M17	23 3	2n 8	0n 7	25 43	2 0	24 32	1 45	19 51	2 46	16 9	0 36	7 43	2 13	24 2	0 20	21 0	0 50	21 53	0 3	1 29	1 8	13 0		n.a.
T 18	23 10	8 58	1 22	25 45	1 58	24 23	1 44	19 47	2 46	16 13	0 36	7 45	2 13	24 3	0 20	21 0	0 50	21 54	0 3	1 29	1 7	13 3		n.a.
W19	23 16	15 26	2 33	25 45	1 56	24 12	1 44	19 44	2 46	16 16	0 36	7 47	2 13	24 3	0 20	21 0	0 50	21 54	0 3	1 27	1 5	13 7		n.a.
T 20	23 21	21 7	3 34	25 43	1 53	24 1	1 43	19 41	2 47	16 20	0 36	7 49	2 14	24 3	0 20	21 0	0 50	21 54	0 3	1 25	1 4	13 10		n.a.
F 21	23 26	25 29	4 22	25 39	1 49	23 49	1 43	19 38	2 47	16 24	0 36	7 50	2 14	24 3	0 20	21 1	0 50	21 55	0 3	1 22	1 3	13 13		n.a.
S 22	23 31	28 9	4 51	25 33	1 45	23 36	1 42	19 35	2 47	16 28	0 36	7 52	2 14	24 3	0 20	21 1	0 50	21 55	0 3	1 17	1 2	13 16		n.a.
S 23	23 35	28 49	5 1	25 25	1 40	23 22	1 42	19 32	2 47	16 31	0 36	7 54	2 14	24 3	0 20	21 1	0 50	21 56	0 3	1 12	1 0	13 19		n.a.
M24	23 38	27 32	4 52	25 15	1 34	23 8	1 41	19 30	2 48	16 35	0 36	7 55	2 14	24 4	0 20	21 2	0 50	21 56	0 3	1 7	0 59	13 22		n.a.
T 25	23 42	24 36	4 25	25 3	1 27	22 54	1 40	19 28	2 48	16 39	0 36	7 57	2 14	24 4	0 20	21 2	0 50	21 56	0 2	1 3	0 58	13 26		n.a.
W26	23 44	20 24	3 45	24 49	1 20	22 38	1 39	19 26	2 48	16 42	0 36	7 58	2 14	24 4	0 20	21 2	0 50	21 57	0 2	1 0	0 56	13 29		n.a.
T 27	23 46	15 22	2 54	24 32	1 12	22 22	1 38	19 24	2 48	16 46	0 36	8 0	2 15	24 4	0 20	21 2	0 50	21 57	0 2	0 58	0 55	13 32		n.a.
F 28	23 48	9 50	1 57	24 14	1 3	22 5	1 37	19 22	2 48	16 49	0 36	8 2	2 15	24 4	0 20	21 3	0 50	21 58	0 2	0 57	0 54	13 35		n.a.
S 29	23 49	4 5	0 55	23 55	0 53	21 48	1 36	19 20	2 47	16 53	0 36	8 3	2 15	24 4	0 20	21 3	0 50	21 58	0 2	0 56	0 53	13 38		n.a.
S 30	23 50	1s43	0s 8	23 34	0 42	21 30	1 34	19 19	2 47	16 56	0 36	8 4	2 15	24 4	0 20	21 3	0 50	21 59	0 2	0 56	0 51	13 41		n.a.
M31	23s50	7s23	1s10	23s11	0s30	21s11	1s33	19n18	2n47	17s 0	0n36	8s 6	2n15	24s 5	0s20	21n 4	0n50	21s59	0n 2	0n56	0n50	13s44		n.a.

Julian Day Number = 1284553.5, Delta T = 08h04m58s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'04, Lahiri = -20°28'04 Julian Calendar 1 Dec. 1197 BCE == Greg. Calendar 20 Nov. 1197 BCE

The year -1196 astronomical counting style corresponds to year 1197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

JANUARY 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 14	0♉55'56	27♎32	18♉41	4♒46	15°R 5	18♏30	26♎ 2	24♐58	1°R 5	8♐ 4	2°R17	2♈ 1	29♎43	n.a.	T 1
W 2	6 2 11	1°56'41	9♏22	19°57	6° 0	15♉ 4	18°42	26° 6	25° 2	1♌ 4	8° 6	2♈13	1°57	29°50	n.a.	W 2
T 3	6 6 7	2°57'24	21°17	21° 6	7°12	15° 3	18°54	26°11	25° 5	1° 2	8° 8	2° 6	1°54	29°56	n.a.	T 3
F 4	6 10 4	3°58'06	3♐24	22° 9	8°25	15°D 3	19° 6	26°14	25° 9	1° 1	8°10	1°56	1°51	0♏ 3	n.a.	F 4
S 5	6 14 1	4°58'47	15°42	23° 4	9°38	15° 4	19°17	26°18	25°12	0°59	8°11	1°44	1°48	0°10	n.a.	S 5
S 6	6 17 57	5°59'25	28°15	23°51	10°51	15° 5	19°29	26°22	25°16	0°58	8°13	1°30	1°45	0°16	n.a.	S 6
M 7	6 21 54	7° 0'03	11♉ 2	24°29	12° 4	15° 7	19°40	26°26	25°19	0°56	8°15	1°16	1°41	0°23	n.a.	M 7
T 8	6 25 50	8° 0'38	24° 2	24°58	13°16	15°10	19°52	26°30	25°22	0°55	8°17	1° 3	1°38	0°30	n.a.	T 8
W 9	6 29 47	9° 1'12	7♒14	25°16	14°29	15°14	20° 3	26°33	25°26	0°53	8°19	0°52	1°35	0°36	n.a.	W 9
T 10	6 33 43	10° 1'44	20°37	25°R25	15°41	15°18	20°14	26°37	25°29	0°52	8°21	0°43	1°32	0°43	n.a.	T 10
F 11	6 37 40	11° 2'14	4♓ 9	25°23	16°54	15°23	20°25	26°40	25°33	0°50	8°22	0°39	1°29	0°50	n.a.	F 11
S 12	6 41 36	12° 2'41	17°51	25°11	18° 6	15°29	20°36	26°43	25°36	0°49	8°24	0°36	1°26	0°56	n.a.	S 12
S 13	6 45 33	13° 3'07	1♈41	24°49	19°18	15°35	20°47	26°47	25°40	0°47	8°26	0°D36	1°22	1° 3	n.a.	S 13
M14	6 49 30	14° 3'30	15°40	24°18	20°31	15°42	20°58	26°50	25°43	0°46	8°28	0°R36	1°19	1°10	n.a.	M14
T 15	6 53 26	15° 3'51	29°48	23°38	21°43	15°50	21° 9	26°53	25°46	0°44	8°29	0°35	1°16	1°16	n.a.	T 15
W16	6 57 23	16° 4'11	14♉ 3	22°51	22°55	15°58	21°19	26°56	25°50	0°42	8°31	0°33	1°13	1°23	n.a.	W16
T 17	7 1 19	17° 4'28	28°24	21°57	24° 7	16° 7	21°30	26°59	25°53	0°41	8°33	0°27	1°10	1°30	n.a.	T 17
F 18	7 5 16	18° 4'42	12♊47	20°58	25°18	16°16	21°40	27° 1	25°56	0°39	8°34	0°19	1° 7	1°36	n.a.	F 18
S 19	7 9 12	19° 4'55	27° 6	19°56	26°30	16°26	21°51	27° 4	26° 0	0°38	8°36	0° 9	1° 3	1°43	n.a.	S 19
S 20	7 13 9	20° 5'06	11♋17	18°52	27°42	16°37	22° 1	27° 7	26° 3	0°36	8°38	29♓58	1° 0	1°50	n.a.	S 20
M21	7 17 5	21° 5'14	25°13	17°48	28°53	16°48	22°11	27° 9	26° 6	0°34	8°39	29°46	0°57	1°56	n.a.	M21
T 22	7 21 2	22° 5'21	8♌50	16°46	0♓ 5	17° 0	22°21	27°12	26° 9	0°33	8°41	29°36	0°54	2° 3	n.a.	T 22
W23	7 24 59	23° 5'26	22° 5	15°46	1°16	17°12	22°31	27°14	26°13	0°31	8°42	29°28	0°51	2°10	n.a.	W23
T 24	7 28 55	24° 5'28	4♍58	14°49	2°27	17°25	22°41	27°16	26°16	0°29	8°44	29°23	0°47	2°16	n.a.	T 24
F 25	7 32 52	25° 5'29	17°30	13°58	3°38	17°38	22°50	27°18	26°19	0°28	8°45	29°20	0°44	2°23	n.a.	F 25
S 26	7 36 48	26° 5'28	29°44	13°12	4°49	17°52	23° 0	27°20	26°22	0°26	8°47	29°D20	0°41	2°30	n.a.	S 26
S 27	7 40 45	27° 5'25	11♎44	12°32	6° 0	18° 6	23°10	27°22	26°25	0°24	8°48	29°20	0°38	2°36	n.a.	S 27
M28	7 44 41	28° 5'20	23°37	11°59	7°11	18°21	23°19	27°24	26°28	0°23	8°50	29°R21	0°35	2°43	n.a.	M28
T 29	7 48 38	29° 5'14	5♏26	11°32	8°21	18°36	23°28	27°26	26°32	0°21	8°51	29°21	0°32	2°50	n.a.	T 29
W30	7 52 34	0♒ 5'06	17°17	11°12	9°32	18°52	23°37	27°27	26°35	0°19	8°53	29°19	0°28	2°56	n.a.	W30
T 31	7 56 31	1♒ 4'55	29♏15	10♉59	10♓42	19♉ 8	23♏46	27♎29	26♐38	0♌18	8♐54	29♓15	0♈25	3♏ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s50	12 s46	2 s 9	22 s48	0 s17	20 s52	1 s32	19n17	2n47	17 s 3	0n36	8 s 7	2n15	24 s 5	0 s20	21n 4	0n50	21 s59	0n 2	0n55	0n49	13 s48		n.a.
W 2	23 49	17 44	3 2	22 23	0 4	20 32	1 30	19 17	2 47	17 6	0 36	8 9	2 16	24 5	0 20	21 4	0 50	22 0	0 2	0 54	0 47	13 51		n.a.
T 3	23 48	22 3	3 48	21 59	0n11	20 12	1 28	19 16	2 46	17 10	0 36	8 10	2 16	24 5	0 20	21 5	0 50	22 0	0 2	0 51	0 46	13 54		n.a.
F 4	23 47	25 30	4 24	21 34	0 26	19 51	1 27	19 16	2 46	17 13	0 36	8 11	2 16	24 5	0 20	21 5	0 50	22 1	0 2	0 47	0 45	13 57		n.a.
S 5	23 45	27 50	4 48	21 9	0 41	19 30	1 25	19 16	2 46	17 16	0 36	8 13	2 16	24 5	0 20	21 5	0 50	22 1	0 1	0 42	0 44	14 0		n.a.
S 6	23 42	28 49	4 59	20 45	0 58	19 8	1 23	19 16	2 46	17 19	0 36	8 14	2 16	24 5	0 20	21 6	0 50	22 1	0 1	0 36	0 42	14 3		n.a.
M 7	23 39	28 17	4 55	20 22	1 14	18 46	1 21	19 16	2 45	17 22	0 36	8 15	2 16	24 6	0 20	21 6	0 50	22 2	0 1	0 31	0 41	14 6		n.a.
T 8	23 36	26 12	4 36	20 0	1 31	18 23	1 19	19 17	2 45	17 26	0 36	8 16	2 17	24 6	0 20	21 7	0 50	22 2	0 1	0 25	0 40	14 9		n.a.
W 9	23 32	22 40	4 2	19 40	1 48	17 59	1 17	19 17	2 44	17 29	0 36	8 17	2 17	24 6	0 20	21 7	0 50	22 2	0 1	0 21	0 38	14 13		n.a.
T 10	23 27	17 55	3 14	19 22	2 5	17 35	1 15	19 18	2 44	17 32	0 36	8 18	2 17	24 6	0 20	21 7	0 50	22 3	0 1	0 18	0 37	14 16		n.a.
F 11	23 22	12 14	2 15	19 6	2 22	17 11	1 13	19 19	2 44	17 35	0 35	8 20	2 17	24 6	0 20	21 8	0 51	22 3	0 1	0 16	0 36	14 19		n.a.
S 12	23 17	5 54	1 7	18 52	2 38	16 46	1 10	19 21	2 43	17 38	0 35	8 21	2 17	24 6	0 20	21 8	0 51	22 4	0 1	0 15	0 35	14 22		n.a.
S 13	23 11	0n46	0n 6	18 41	2 53	16 21	1 8	19 22	2 43	17 41	0 35	8 22	2 17	24 6	0 20	21 8	0 51	22 4	0 1	0 14	0 33	14 25		n.a.
M14	23 5	7 29	1 19	18 33	3 7	15 56	1 6	19 24	2 42	17 44	0 35	8 23	2 18	24 6	0 20	21 9	0 51	22 4	0 1	0 15	0 32	14 28		n.a.
T 15	22 58	13 53	2 28	18 28	3 19	15 30	1 3	19 26	2 42	17 47	0 35	8 23	2 18	24 7	0 20	21 9	0 51	22 5	0 1	0 14	0 31	14 31		n.a.
W16	22 51	19 38	3 29	18 25	3 30	15 3	1 0	19 27	2 41	17 49	0 35	8 24	2 18	24 7	0 20	21 9	0 51	22 5	0 0	0 13	0 29	14 34		n.a.
T 17	22 44	24 18	4 16	18 25	3 39	14 37	0 58	19 30	2 41	17 52	0 35	8 25	2 18	24 7	0 20	21 10	0 51	22 5	0 0	0 11	0 28	14 37		n.a.
F 18	22 36	27 28	4 48	18 27	3 46	14 10	0 55	19 32	2 40	17 55	0 35	8 26	2 18	24 7	0 20	21 10	0 51	22 6	0 0	0 8	0 27	14 40		n.a.
S 19	22 27	28 50	5 1	18 31	3 51	13 42	0 52	19 34	2 40	17 58	0 35	8 27	2 19	24 7	0 20	21 11	0 51	22 6	0 0	0 4	0 26	14 44		n.a.
S 20	22 18	28 16	4 56	18 38	3 54	13 15	0 49	19 37	2 39	18 1	0 35	8 28	2 19	24 7	0 20	21 11	0 51	22 6	0 0	0 s 1	0 24	14 47		n.a.
M21	22 9	25 55	4 33	18 46	3 54	12 47	0 46	19 40	2 38	18 3	0 35	8 28	2 19	24 7	0 20	21 11	0 51	22 7	0 0	0 6	0 23	14 50		n.a.
T 22	22 0	22 7	3 55	18 56	3 52	12 18	0 43	19 43	2 38	18 6	0 35	8 29	2 19	24 7	0 20	21 12	0 51	22 7	0 s 0	0 10	0 22	14 53		n.a.
W23	21 50	17 17	3 4	19 7	3 48	11 50	0 40	19 46	2 37	18 8	0 35	8 30	2 19	24 8	0 20	21 12	0 51	22 7	0 0	0 13	0 20	14 56		n.a.
T 24	21 39	11 48	2 6	19 19	3 43	11 21	0 37	19 49	2 37	18 11	0 35	8 30	2 20	24 8	0 21	21 12	0 51	22 8	0 0	0 15	0 19	14 59		n.a.
F 25	21 28	5 59	1 3	19 31	3 35	10 52	0 34	19 52	2 36	18 13	0 35	8 31	2 20	24 8	0 21	21 13	0 51	22 8	0 0	0 16	0 18	15 2		n.a.
S 26	21 17	0 5	0 s 2	19 45	3 27	10 22	0 30	19 55	2 36	18 16	0 35	8 32	2 20	24 8	0 21	21 13	0 51	22 8	0 0	0 16	0 17	15 5		n.a.
S 27	21 5	5 s43	1 6	19 58	3 17	9 53	0 27	19 59	2 35	18 18	0 35	8 32	2 20	24 8	0 21	21 14	0 51	22 9	0 1	0 16	0 15	15 8		n.a.
M28	20 53	11 16	2 6	20 12	3 6	9 23	0 24	20 3	2 34	18 21	0 35	8 33	2 20	24 8	0 21	21 14	0 51	22 9	0 1	0 16	0 14	15 11		n.a.
T 29	20 41	16 23	3 1	20 26	2 54	8 53	0 20	20 6	2 34	18 23	0 35	8 33	2 20	24 8	0 21	21 14	0 51	22 9	0 1	0 16	0 13	15 14		n.a.
W30	20 28	20 54	3 47	20 40	2 42	8 23	0 17	20 10	2 33	18 25	0 35	8 33	2 21	24 8	0 21	21 15	0 51	22 10	0 1	0 17	0 11	15 17		n.a.
T 31	20 s15	24 s38	4 s25	20 s54	2n29	7 s52	0 s13	20n14	2n32	18 s28	0n35	8 s34	2n21	24 s 8	0 s21	21n15	0n51	22 s10	0 s 1	0 s18	0n10	15 s20		n.a.

Julian Day Number = 1284584.5, Delta T = 08h04m56s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°35'00, Lahiri = -20°27'59 Julian Calendar 1 Jan. 1196 BCE == Greg. Calendar 21 Dec. 1197 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

FEBRUARY 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 0 27	2♒ 4'43	11♐26	10°R52	11♓53	19♉24	23♏55	27♎31	26♐41	0°R16	8♐56	29°R 9	0♈22	3♏10	n.a.	F 1
S 2	8 4 24	3° 4'30	23°51	10°D52	13° 3	19°41	24° 4	27°32	26°44	0♌14	8°57	29♓ 0	0°19	3°16	n.a.	S 2
S 3	8 8 21	4° 4'14	6♑34	10♑58	14°13	19°59	24°13	27°33	26°47	0°13	8°58	28°51	0°16	3°23	n.a.	S 3
M 4	8 12 17	5° 3'56	19°36	11° 9	15°23	20°17	24°21	27°34	26°50	0°11	9° 0	28°41	0°13	3°30	n.a.	M 4
T 5	8 16 14	6° 3'36	2♒55	11°26	16°33	20°35	24°29	27°35	26°52	0° 9	9° 1	28°32	0° 9	3°36	n.a.	T 5
W 6	8 20 10	7° 3'14	16°31	11°48	17°42	20°53	24°38	27°36	26°55	0° 8	9° 2	28°24	0° 6	3°43	n.a.	W 6
T 7	8 24 7	8° 2'49	0♓19	12°15	18°52	21°12	24°46	27°37	26°58	0° 6	9° 3	28°18	0° 3	3°50	n.a.	T 7
F 8	8 28 3	9° 2'22	14°17	12°46	20° 1	21°32	24°54	27°38	27° 1	0° 4	9° 5	28°15	29♓59	3°56	n.a.	F 8
S 9	8 32 0	10° 1'53	28°21	13°22	21°11	21°52	25° 2	27°39	27° 4	0° 3	9° 6	28°D14	29°57	4° 3	n.a.	S 9
S 10	8 35 56	11° 1'22	12♈29	14° 2	22°20	22°12	25° 9	27°39	27° 7	0° 1	9° 7	28°15	29°53	4°10	n.a.	S 10
M11	8 39 53	12° 0'48	26°38	14°46	23°29	22°32	25°17	27°40	27° 9	29♋59	9° 8	28°16	29°50	4°16	n.a.	M11
T 12	8 43 50	13° 0'11	10♉48	15°33	24°37	22°53	25°24	27°40	27°12	29°58	9° 9	28°R17	29°47	4°23	n.a.	T 12
W13	8 47 46	13°59'32	24°55	16°23	25°46	23°14	25°32	27°40	27°15	29°56	9°10	28°16	29°44	4°30	n.a.	W13
T 14	8 51 43	14°58'51	9♊ 0	17°17	26°55	23°36	25°39	27°41	27°17	29°55	9°11	28°14	29°41	4°36	n.a.	T 14
F 15	8 55 39	15°58'07	22°59	18°14	28° 3	23°57	25°46	27°R41	27°20	29°53	9°12	28°10	29°38	4°43	n.a.	F 15
S 16	8 59 36	16°57'21	6♋51	19°13	29°11	24°19	25°53	27°41	27°23	29°52	9°13	28° 4	29°34	4°50	n.a.	S 16
S 17	9 3 32	17°56'32	20°34	20°15	0♈19	24°42	25°59	27°41	27°25	29°50	9°14	27°58	29°31	4°56	n.a.	S 17
M18	9 7 29	18°55'41	4♌ 3	21°20	1°27	25° 5	26° 6	27°40	27°28	29°48	9°15	27°51	29°28	5° 3	n.a.	M18
T 19	9 11 25	19°54'47	17°18	22°27	2°34	25°28	26°12	27°40	27°30	29°47	9°16	27°45	29°25	5°10	n.a.	T 19
W20	9 15 22	20°53'52	0♍16	23°37	3°42	25°51	26°18	27°40	27°32	29°45	9°17	27°41	29°22	5°16	n.a.	W20
T 21	9 19 19	21°52'54	12°57	24°48	4°49	26°14	26°24	27°39	27°35	29°44	9°18	27°38	29°19	5°23	n.a.	T 21
F 22	9 23 15	22°51'54	25°22	26° 2	5°56	26°38	26°30	27°39	27°37	29°42	9°19	27°D37	29°15	5°30	n.a.	F 22
S 23	9 27 12	23°50'52	7♎33	27°18	7° 2	27° 2	26°36	27°38	27°40	29°41	9°20	27°37	29°12	5°36	n.a.	S 23
S 24	9 31 8	24°49'48	19°33	28°35	8° 9	27°27	26°42	27°37	27°42	29°39	9°20	27°38	29° 9	5°43	n.a.	S 24
M25	9 35 5	25°48'42	1♏26	29°55	9°15	27°51	26°47	27°36	27°44	29°38	9°21	27°40	29° 6	5°50	n.a.	M25
T 26	9 39 1	26°47'34	13°16	1♒16	10°22	28°16	26°53	27°35	27°46	29°36	9°22	27°42	29° 3	5°56	n.a.	T 26
W27	9 42 58	27°46'25	25° 8	2°40	11°27	28°41	26°58	27°34	27°48	29°35	9°22	27°R43	28°59	6° 3	n.a.	W27
T 28	9 46 54	28♒45'13	7♐ 8	4♒ 5	12♈33	29♉ 6	27♏ 3	27♎33	27♐51	29♋34	9♐23	27♓42	28♓56	6♏10	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 2	27s20	4s51	21s 8	2n16	7s22	0s 9	20n18	2n32	18s30	0n35	8s34	2n21	24s 8	0s21	21n15	0n51	22s10	0s 1	0s21	0n 9	15s23		n.a.
S 2	19 48	28 45	5 4	21 21	2 3	6 51	0 6	20 22	2 31	18 32	0 35	8 34	2 21	24 9	0 21	21 16	0 51	22 11	0 1	0 24	0 8	15 26		n.a.
S 3	19 34	28 42	5 2	21 34	1 49	6 20	0 2	20 27	2 31	18 34	0 35	8 35	2 21	24 9	0 21	21 16	0 51	22 11	0 1	0 28	0 6	15 29		n.a.
M 4	19 19	27 5	4 45	21 46	1 36	5 50	0n 2	20 31	2 30	18 37	0 35	8 35	2 22	24 9	0 21	21 17	0 51	22 11	0 1	0 32	0 5	15 32		n.a.
T 5	19 4	23 55	4 13	21 58	1 23	5 19	0 6	20 35	2 29	18 39	0 35	8 35	2 22	24 9	0 21	21 17	0 51	22 12	0 1	0 36	0 4	15 35		n.a.
W 6	18 49	19 24	3 25	22 9	1 10	4 47	0 10	20 40	2 29	18 41	0 35	8 35	2 22	24 9	0 21	21 17	0 51	22 12	0 1	0 39	0 3	15 38		n.a.
T 7	18 34	13 48	2 24	22 19	0 57	4 16	0 14	20 44	2 28	18 43	0 35	8 35	2 22	24 9	0 21	21 18	0 51	22 12	0 2	0 41	0 1	15 41		n.a.
F 8	18 18	7 26	1 15	22 29	0 44	3 45	0 18	20 49	2 27	18 45	0 35	8 36	2 22	24 9	0 21	21 18	0 51	22 12	0 2	0 42	0s 0	15 44		n.a.
S 9	18 2	0 40	0n 1	22 38	0 32	3 14	0 22	20 54	2 27	18 47	0 35	8 36	2 23	24 9	0 21	21 18	0 51	22 13	0 2	0 43	0 1	15 47		n.a.
S 10	17 45	6n11	1 16	22 45	0 20	2 42	0 26	20 58	2 26	18 49	0 35	8 36	2 23	24 9	0 21	21 19	0 51	22 13	0 2	0 42	0 3	15 50		n.a.
M11	17 29	12 43	2 27	22 52	0 8	2 11	0 30	21 3	2 26	18 50	0 35	8 36	2 23	24 9	0 21	21 19	0 51	22 13	0 2	0 42	0 4	15 53		n.a.
T 12	17 12	18 37	3 29	22 58	0s 3	1 39	0 34	21 8	2 25	18 52	0 35	8 36	2 23	24 9	0 21	21 20	0 51	22 14	0 2	0 42	0 5	15 56		n.a.
W13	16 54	23 29	4 19	23 2	0 14	1 8	0 38	21 13	2 24	18 54	0 35	8 35	2 23	24 9	0 21	21 20	0 51	22 14	0 2	0 42	0 6	15 59		n.a.
T 14	16 37	26 58	4 52	23 6	0 24	0 36	0 42	21 18	2 24	18 56	0 35	8 35	2 24	24 10	0 21	21 20	0 51	22 14	0 2	0 43	0 8	16 2		n.a.
F 15	16 19	28 46	5 8	23 8	0 34	0 5	0 46	21 23	2 23	18 57	0 35	8 35	2 24	24 10	0 21	21 21	0 51	22 14	0 2	0 45	0 9	16 5		n.a.
S 16	16 1	28 45	5 6	23 9	0 44	0n26	0 51	21 28	2 22	18 59	0 35	8 35	2 24	24 10	0 21	21 21	0 51	22 15	0 2	0 47	0 10	16 8		n.a.
S 17	15 43	26 56	4 46	23 9	0 53	0 58	0 55	21 33	2 22	19 1	0 35	8 35	2 24	24 10	0 21	21 21	0 51	22 15	0 3	0 49	0 12	16 11		n.a.
M18	15 24	23 36	4 10	23 8	1 1	1 29	0 59	21 38	2 21	19 2	0 35	8 35	2 24	24 10	0 21	21 22	0 51	22 15	0 3	0 52	0 13	16 14		n.a.
T 19	15 5	19 6	3 22	23 5	1 10	2 0	1 3	21 43	2 21	19 4	0 35	8 34	2 25	24 10	0 21	21 22	0 51	22 15	0 3	0 55	0 14	16 17		n.a.
W20	14 46	13 48	2 23	23 1	1 18	2 32	1 8	21 48	2 20	19 5	0 35	8 34	2 25	24 10	0 21	21 22	0 51	22 15	0 3	0 56	0 15	16 20		n.a.
T 21	14 27	8 1	1 19	22 55	1 25	3 3	1 12	21 53	2 19	19 7	0 35	8 34	2 25	24 10	0 21	21 23	0 51	22 16	0 3	0 57	0 17	16 23		n.a.
F 22	14 7	2 3	0 12	22 48	1 32	3 34	1 16	21 58	2 19	19 8	0 35	8 33	2 25	24 10	0 21	21 23	0 51	22 16	0 3	0 58	0 18	16 26		n.a.
S 23	13 48	3s52	0s54	22 39	1 38	4 4	1 21	22 3	2 18	19 10	0 35	8 33	2 25	24 10	0 21	21 23	0 51	22 16	0 3	0 58	0 19	16 29		n.a.
S 24	13 28	9 35	1 57	22 29	1 45	4 35	1 25	22 9	2 17	19 11	0 35	8 32	2 26	24 10	0 21	21 24	0 51	22 16	0 3	0 57	0 21	16 32		n.a.
M25	13 8	14 53	2 54	22 18	1 50	5 6	1 30	22 14	2 17	19 12	0 35	8 32	2 26	24 10	0 21	21 24	0 51	22 17	0 3	0 56	0 22	16 35		n.a.
T 26	12 47	19 38	3 44	22 5	1 55	5 36	1 34	22 19	2 16	19 13	0 35	8 31	2 26	24 10	0 21	21 24	0 51	22 17	0 3	0 56	0 23	16 38		n.a.
W27	12 27	23 38	4 24	21 50	2 0	6 6	1 38	22 24	2 15	19 15	0 35	8 31	2 26	24 10	0 21	21 25	0 51	22 17	0 3	0 56	0 24	16 41		n.a.
T 28	12s 6	26s41	4s54	21s34	2s 4	6n37	1n43	22n29	2n15	19s16	0n35	8s30	2n26	24s10	0s21	21n25	0n51	22s17	0s 4	0s56	0s26	16s44		n.a.

Julian Day Number = 1284615.5, Delta T = 08h04m55s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'56, Lahiri = -20°27'55 Julian Calendar 1 Feb. 1196 BCE == Greg. Calendar 21 Jan. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

MARCH 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 50 51	29♒44'00	19♐19	5♒32	13♈39	29♉32	27♏ 7	27°R32	27♐53	29°R32	9♐24	27°R41	28♓53	6♏16	n.a.	F 1
S 2	9 54 47	0♓42'45	1♑46	7° 0	14°44	29°58	27°12	27♎30	27°55	29♋31	9°24	27♓38	28°50	6°23	n.a.	S 2
S 3	9 58 44	1°41'28	14°33	8°30	15°49	0♊24	27°17	27°29	27°57	29°29	9°25	27°34	28°47	6°30	n.a.	S 3
M 4	10 2 41	2°40'09	27°41	10° 2	16°54	0°50	27°21	27°27	27°59	29°28	9°26	27°31	28°44	6°36	n.a.	M 4
T 5	10 6 37	3°38'48	11♒12	11°35	17°58	1°16	27°25	27°26	28° 1	29°27	9°26	27°27	28°40	6°43	n.a.	T 5
W 6	10 10 34	4°37'25	25° 4	13°10	19° 2	1°43	27°29	27°24	28° 2	29°25	9°27	27°24	28°37	6°50	n.a.	W 6
T 7	10 14 30	5°36'00	9♓14	14°47	20° 6	2°10	27°33	27°22	28° 4	29°24	9°27	27°22	28°34	6°56	n.a.	T 7
F 8	10 18 27	6°34'33	23°38	16°25	21°10	2°37	27°36	27°20	28° 6	29°23	9°27	27°D21	28°31	7° 3	n.a.	F 8
S 9	10 22 23	7°33'04	8♈ 9	18° 5	22°13	3° 4	27°40	27°18	28° 8	29°22	9°28	27°21	28°28	7°10	n.a.	S 9
S 10	10 26 20	8°31'32	22°43	19°47	23°17	3°32	27°43	27°16	28° 9	29°20	9°28	27°22	28°25	7°16	n.a.	S 10
M11	10 30 16	9°29'59	7♉14	21°30	24°19	3°59	27°46	27°14	28°11	29°19	9°29	27°24	28°21	7°23	n.a.	M11
T 12	10 34 13	10°28'23	21°37	23°15	25°22	4°27	27°49	27°12	28°13	29°18	9°29	27°25	28°18	7°30	n.a.	T 12
W13	10 38 9	11°26'45	5♊50	25° 1	26°24	4°55	27°52	27° 9	28°14	29°17	9°29	27°R25	28°15	7°36	n.a.	W13
T 14	10 42 6	12°25'04	19°51	26°49	27°26	5°23	27°54	27° 7	28°16	29°16	9°30	27°25	28°12	7°43	n.a.	T 14
F 15	10 46 3	13°23'22	3♋38	28°39	28°28	5°52	27°56	27° 5	28°17	29°15	9°30	27°25	28° 9	7°50	n.a.	F 15
S 16	10 49 59	14°21'37	17°11	0♓30	29°29	6°20	27°59	27° 2	28°19	29°14	9°30	27°23	28° 5	7°57	n.a.	S 16
S 17	10 53 56	15°19'50	0♌29	2°23	0♉30	6°49	28° 1	26°59	28°20	29°13	9°30	27°22	28° 2	8° 3	n.a.	S 17
M18	10 57 52	16°18'00	13°34	4°18	1°30	7°18	28° 2	26°57	28°21	29°12	9°30	27°20	27°59	8°10	n.a.	M18
T 19	11 1 49	17°16'09	26°25	6°14	2°30	7°47	28° 4	26°54	28°23	29°11	9°30	27°19	27°56	8°17	n.a.	T 19
W20	11 5 45	18°14'16	9♍ 2	8°12	3°30	8°16	28° 5	26°51	28°24	29°10	9°30	27°18	27°53	8°23	n.a.	W20
T 21	11 9 42	19°12'21	21°27	10°11	4°29	8°45	28° 7	26°48	28°25	29° 9	9°31	27°D18	27°50	8°30	n.a.	T 21
F 22	11 13 38	20°10'23	3♎41	12°12	5°28	9°15	28° 8	26°45	28°26	29° 8	9°R31	27°18	27°46	8°37	n.a.	F 22
S 23	11 17 35	21° 8'25	15°45	14°15	6°26	9°44	28° 8	26°42	28°27	29° 7	9°31	27°18	27°43	8°43	n.a.	S 23
S 24	11 21 32	22° 6'24	27°41	16°19	7°24	10°14	28° 9	26°39	28°28	29° 6	9°31	27°18	27°40	8°50	n.a.	S 24
M25	11 25 28	23° 4'22	9♏33	18°24	8°21	10°44	28°10	26°35	28°29	29° 5	9°30	27°19	27°37	8°57	n.a.	M25
T 26	11 29 25	24° 2'18	21°23	20°31	9°18	11°14	28°10	26°32	28°30	29° 4	9°30	27°19	27°34	9° 3	n.a.	T 26
W27	11 33 21	25° 0'13	3♐16	22°38	10°15	11°44	28°R10	26°29	28°31	29° 4	9°30	27°20	27°30	9°10	n.a.	W27
T 28	11 37 18	25°58'07	15°15	24°47	11°11	12°14	28°10	26°25	28°32	29° 3	9°30	27°20	27°27	9°17	n.a.	T 28
F 29	11 41 14	26°55'59	27°25	26°56	12° 7	12°45	28°10	26°22	28°33	29° 2	9°30	27°20	27°24	9°23	n.a.	F 29
S 30	11 45 11	27°53'50	9♑50	29° 6	13° 2	13°15	28° 9	26°18	28°34	29° 1	9°30	27°20	27°21	9°30	n.a.	S 30
S 31	11 49 7	28♓51'39	22♑35	1♈16	13♉56	13♊46	28♏ 9	26♎15	28♐34	29♋ 1	9♐29	27♓20	27♓18	9♏37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s45	28s33	5s10	21s16	2s 8	7n 7	1n47	22n34	2n14	19s17	0n35	8s29	2n27	24s11	0s21	21n25	0n51	22s17	0s 4	0s56	0s27	16s47		n.a.
S 2	11 24	29 2	5 13	20 56	2 11	7 36	1 51	22 39	2 14	19 18	0 35	8 29	2 27	24 11	0 21	21 25	0 51	22 18	0 4	0 57	0 28	16 50		n.a.
S 3	11 3	28 0	5 0	20 35	2 14	8 6	1 56	22 44	2 13	19 19	0 35	8 28	2 27	24 11	0 21	21 26	0 51	22 18	0 4	0 59	0 30	16 53		n.a.
M 4	10 42	25 24	4 31	20 12	2 16	8 35	2 0	22 49	2 12	19 20	0 35	8 27	2 27	24 11	0 21	21 26	0 51	22 18	0 4	1 0	0 31	16 56		n.a.
T 5	10 20	21 20	3 47	19 48	2 18	9 4	2 4	22 54	2 12	19 21	0 35	8 27	2 27	24 11	0 21	21 26	0 51	22 18	0 4	1 2	0 32	16 58		n.a.
W 6	9 58	16 1	2 48	19 21	2 19	9 33	2 9	22 59	2 11	19 22	0 35	8 26	2 27	24 11	0 21	21 27	0 51	22 18	0 4	1 3	0 33	17 1		n.a.
T 7	9 37	9 45	1 38	18 53	2 20	10 2	2 13	23 4	2 11	19 23	0 35	8 25	2 28	24 11	0 21	21 27	0 51	22 18	0 4	1 4	0 35	17 4		n.a.
F 8	9 15	2 53	0 21	18 24	2 20	10 30	2 17	23 9	2 10	19 24	0 34	8 24	2 28	24 11	0 21	21 27	0 51	22 19	0 4	1 4	0 36	17 7		n.a.
S 9	8 53	4n11	0n59	17 52	2 19	10 58	2 21	23 14	2 9	19 25	0 34	8 23	2 28	24 11	0 21	21 27	0 51	22 19	0 4	1 4	0 37	17 10		n.a.
S 10	8 31	11 4	2 15	17 19	2 19	11 26	2 26	23 19	2 9	19 25	0 34	8 22	2 28	24 11	0 21	21 28	0 51	22 19	0 4	1 4	0 39	17 13		n.a.
M11	8 8	17 20	3 23	16 44	2 17	11 54	2 30	23 24	2 8	19 26	0 34	8 22	2 28	24 11	0 21	21 28	0 51	22 19	0 5	1 3	0 40	17 16		n.a.
T 12	7 46	22 35	4 17	16 7	2 15	12 21	2 34	23 28	2 8	19 27	0 34	8 21	2 28	24 11	0 21	21 28	0 51	22 19	0 5	1 3	0 41	17 19		n.a.
W13	7 23	26 27	4 54	15 29	2 13	12 48	2 38	23 33	2 7	19 27	0 34	8 20	2 29	24 11	0 22	21 28	0 51	22 19	0 5	1 3	0 42	17 22		n.a.
T 14	7 1	28 39	5 13	14 49	2 10	13 15	2 42	23 38	2 6	19 28	0 34	8 19	2 29	24 11	0 22	21 29	0 51	22 19	0 5	1 3	0 44	17 25		n.a.
F 15	6 38	29 1	5 14	14 7	2 6	13 41	2 46	23 42	2 6	19 28	0 34	8 18	2 29	24 11	0 22	21 29	0 51	22 20	0 5	1 3	0 45	17 27		n.a.
S 16	6 15	27 38	4 57	13 23	2 2	14 7	2 50	23 47	2 5	19 29	0 34	8 16	2 29	24 11	0 22	21 29	0 51	22 20	0 5	1 3	0 46	17 30		n.a.
S 17	5 52	24 41	4 25	12 37	1 58	14 32	2 54	23 51	2 5	19 29	0 34	8 15	2 29	24 11	0 22	21 29	0 51	22 20	0 5	1 4	0 48	17 33		n.a.
M18	5 30	20 31	3 39	11 50	1 53	14 58	2 58	23 56	2 4	19 30	0 34	8 14	2 29	24 11	0 22	21 29	0 51	22 20	0 5	1 5	0 49	17 36		n.a.
T 19	5 7	15 28	2 43	11 2	1 47	15 22	3 1	24 0	2 3	19 30	0 34	8 13	2 29	24 11	0 22	21 30	0 51	22 20	0 5	1 5	0 50	17 39		n.a.
W20	4 44	9 51	1 39	10 11	1 41	15 47	3 5	24 4	2 3	19 31	0 34	8 12	2 29	24 11	0 22	21 30	0 51	22 20	0 5	1 5	0 51	17 42		n.a.
T 21	4 20	3 56	0 32	9 19	1 34	16 11	3 9	24 8	2 2	19 31	0 34	8 11	2 30	24 12	0 22	21 30	0 51	22 20	0 6	1 6	0 53	17 45		n.a.
F 22	3 57	2s 2	0s35	8 26	1 27	16 34	3 12	24 12	2 2	19 31	0 34	8 10	2 30	24 12	0 22	21 30	0 51	22 20	0 6	1 6	0 54	17 47		n.a.
S 23	3 34	7 50	1 41	7 31	1 19	16 58	3 16	24 16	2 1	19 31	0 34	8 8	2 30	24 12	0 22	21 30	0 51	22 21	0 6	1 6	0 55	17 50		n.a.
S 24	3 11	13 19	2 41	6 34	1 11	17 20	3 19	24 20	2 0	19 32	0 34	8 7	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	0 57	17 53		n.a.
M25	2 48	18 17	3 34	5 36	1 2	17 43	3 23	24 24	2 0	19 32	0 34	8 6	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	0 58	17 56		n.a.
T 26	2 24	22 32	4 17	4 38	0 53	18 5	3 26	24 28	1 59	19 32	0 34	8 4	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	0 59	17 59		n.a.
W27	2 1	25 54	4 50	3 38	0 43	18 26	3 29	24 32	1 59	19 32	0 34	8 3	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	1 0	18 2		n.a.
T 28	1 38	28 9	5 10	2 37	0 34	18 47	3 32	24 35	1 58	19 32	0 34	8 2	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	1 2	18 4		n.a.
F 29	1 14	29 6	5 17	1 36	0 23	19 8	3 35	24 39	1 57	19 32	0 34	8 0	2 30	24 12	0 22	21 31	0 51	22 21	0 6	1 5	1 3	18 7		n.a.
S 30	0 51	28 37	5 10	0 34	0 13	19 28	3 38	24 42	1 57	19 32	0 34	7 59	2 31	24 12	0 22	21 31	0 51	22 21	0 6	1 5	1 4	18 10		n.a.
S 31	0s28	26s38	4s47	0n28	0s 3	19n47	3n41	24n46	1n56	19s32	0n34	7s58	2n31	24s12	0s22	21n32	0n51	22s21	0s 7	1s 5	1s 6	18s13		n.a.

Julian Day Number = 1284643.5, Delta T = 08h04m53s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'52, Lahiri = -20°27'51 Julian Calendar 1 March 1196 BCE == Greg. Calendar 18 Feb. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

APRIL 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 53 4	29♓49'27	5♒42	3♈26	14♉50	14♊17	28°R 8	26°R11	28♐35	29°R 0	9°R29	27♓20	27♓15	9♏43	n.a.	M 1
T 2	11 57 1	0♈47'13	19°15	5°36	15°43	14°48	28♏ 7	26♎ 7	28°36	28♋59	9♐29	27°20	27°11	9°50	n.a.	T 2
W 3	12 0 57	1°44'59	3♓13	7°45	16°36	15°19	28° 5	26° 4	28°36	28°59	9°29	27°21	27° 8	9°57	n.a.	W 3
T 4	12 4 54	2°42'42	17°34	9°54	17°28	15°50	28° 4	26° 0	28°37	28°58	9°28	27°21	27° 5	10° 3	n.a.	T 4
F 5	12 8 50	3°40'25	2♈14	12° 1	18°19	16°22	28° 2	25°56	28°37	28°58	9°28	27°R21	27° 2	10°10	n.a.	F 5
S 6	12 12 47	4°38'05	17° 8	14° 7	19°10	16°53	28° 1	25°52	28°38	28°57	9°27	27°21	26°59	10°17	n.a.	S 6
S 7	12 16 43	5°35'45	2♉ 6	16°11	20° 0	17°25	27°59	25°48	28°38	28°57	9°27	27°20	26°56	10°23	n.a.	S 7
M 8	12 20 40	6°33'23	17° 0	18°14	20°49	17°56	27°57	25°44	28°38	28°56	9°27	27°19	26°52	10°30	n.a.	M 8
T 9	12 24 36	7°30'59	1♊44	20°14	21°38	18°28	27°54	25°40	28°39	28°56	9°26	27°18	26°49	10°37	n.a.	T 9
W10	12 28 33	8°28'34	16°12	22°12	22°25	19° 0	27°52	25°36	28°39	28°56	9°26	27°17	26°46	10°44	n.a.	W10
T 11	12 32 29	9°26'07	0♋19	24° 8	23°12	19°32	27°49	25°32	28°39	28°55	9°25	27°16	26°43	10°50	n.a.	T 11
F 12	12 36 26	10°23'38	14° 5	26° 1	23°58	20° 4	27°46	25°28	28°39	28°55	9°25	27°D16	26°40	10°57	n.a.	F 12
S 13	12 40 23	11°21'08	27°29	27°51	24°44	20°37	27°43	25°24	28°39	28°55	9°24	27°17	26°36	11° 4	n.a.	S 13
S 14	12 44 19	12°18'36	10♌34	29°39	25°28	21° 9	27°40	25°19	28°R39	28°55	9°23	27°18	26°33	11°10	n.a.	S 14
M15	12 48 16	13°16'03	23°21	1♍23	26°11	21°41	27°36	25°15	28°39	28°54	9°23	27°19	26°30	11°17	n.a.	M15
T 16	12 52 12	14°13'28	5♍53	3° 5	26°54	22°14	27°33	25°11	28°39	28°54	9°22	27°20	26°27	11°24	n.a.	T 16
W17	12 56 9	15°10'52	18°13	4°43	27°35	22°47	27°29	25° 7	28°39	28°54	9°21	27°21	26°24	11°30	n.a.	W17
T 18	13 0 5	16° 8'14	0♎23	6°19	28°15	23°19	27°25	25° 2	28°39	28°54	9°21	27°R21	26°21	11°37	n.a.	T 18
F 19	13 4 2	17° 5'35	12°26	7°51	28°54	23°52	27°21	24°58	28°39	28°54	9°20	27°21	26°17	11°44	n.a.	F 19
S 20	13 7 58	18° 2'56	24°22	9°21	29°32	24°25	27°17	24°54	28°38	28°54	9°19	27°19	26°14	11°50	n.a.	S 20
S 21	13 11 55	19° 0'15	6♏14	10°47	0♊ 9	24°58	27°13	24°49	28°38	28°D54	9°18	27°16	26°11	11°57	n.a.	S 21
M22	13 15 52	19°57'33	18° 5	12°10	0°44	25°31	27° 8	24°45	28°38	28°54	9°18	27°13	26° 8	12° 4	n.a.	M22
T 23	13 19 48	20°54'51	29°56	13°30	1°19	26° 4	27° 3	24°41	28°37	28°54	9°17	27° 9	26° 5	12°10	n.a.	T 23
W24	13 23 45	21°52'07	11♐50	14°46	1°52	26°38	26°58	24°36	28°37	28°54	9°16	27° 5	26° 2	12°17	n.a.	W24
T 25	13 27 41	22°49'23	23°50	15°59	2°23	27°11	26°53	24°32	28°36	28°54	9°15	27° 2	25°58	12°24	n.a.	T 25
F 26	13 31 38	23°46'39	6♑ 0	17° 9	2°53	27°45	26°48	24°28	28°36	28°54	9°14	26°59	25°55	12°30	n.a.	F 26
S 27	13 35 34	24°43'53	18°23	18°15	3°22	28°18	26°43	24°23	28°35	28°54	9°13	26°58	25°52	12°37	n.a.	S 27
S 28	13 39 31	25°41'08	1♒ 4	19°18	3°49	28°52	26°38	24°19	28°35	28°55	9°12	26°D58	25°49	12°44	n.a.	S 28
M29	13 43 28	26°38'21	14° 7	20°17	4°15	29°25	26°32	24°14	28°34	28°55	9°11	26°59	25°46	12°51	n.a.	M29
T 30	13 47 24	27♈35'34	27♒34	21♉13	4♊38	29♊59	26♏26	24♎10	28♐33	28♋55	9♐10	27♓ 0	25♓42	12♏57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 4	23s10	4s 9	1n31	0n 8	20n 6	3n43	24n49	1n56	19s31	0n34	7s56	2n31	24s12	0s22	21n32	0n51	22s21	0s 7	1s 5	1s 7	18s16		n.a.
T 2	0n19	18 24	3 16	2 33	0 19	20 25	3 46	24 52	1 55	19 31	0 34	7 55	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 5	1 8	18 18		n.a.
W 3	0 42	12 31	2 10	3 35	0 29	20 43	3 48	24 55	1 55	19 31	0 34	7 53	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 4	1 9	18 21		n.a.
T 4	1 6	5 49	0 54	4 36	0 40	21 0	3 51	24 58	1 54	19 31	0 34	7 52	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 4	1 11	18 24		n.a.
F 5	1 29	1n19	0n27	5 36	0 50	21 17	3 53	25 1	1 53	19 30	0 34	7 50	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 4	1 12	18 27		n.a.
S 6	1 52	8 29	1 48	6 35	1 1	21 34	3 55	25 3	1 53	19 30	0 34	7 49	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 4	1 13	18 30		n.a.
S 7	2 16	15 13	3 1	7 33	1 10	21 50	3 57	25 6	1 52	19 30	0 34	7 47	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 5	1 15	18 32		n.a.
M 8	2 39	21 3	4 2	8 29	1 20	22 5	3 59	25 8	1 52	19 29	0 34	7 46	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 5	1 16	18 35		n.a.
T 9	3 2	25 31	4 46	9 24	1 29	22 20	4 0	25 11	1 51	19 29	0 34	7 44	2 31	24 12	0 22	21 32	0 51	22 21	0 7	1 5	1 17	18 38		n.a.
W10	3 25	28 16	5 11	10 17	1 37	22 34	4 2	25 13	1 51	19 28	0 33	7 43	2 31	24 12	0 22	21 32	0 51	22 21	0 8	1 6	1 18	18 41		n.a.
T 11	3 48	29 6	5 16	11 8	1 45	22 48	4 3	25 15	1 50	19 28	0 33	7 41	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 6	1 20	18 43		n.a.
F 12	4 11	28 6	5 3	11 57	1 52	23 1	4 4	25 17	1 50	19 27	0 33	7 40	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 6	1 21	18 46		n.a.
S 13	4 34	25 29	4 34	12 44	1 59	23 13	4 5	25 19	1 49	19 26	0 33	7 38	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 6	1 22	18 49		n.a.
S 14	4 57	21 34	3 51	13 28	2 5	23 25	4 6	25 20	1 48	19 26	0 33	7 37	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 6	1 24	18 52		n.a.
M15	5 19	16 44	2 57	14 11	2 10	23 36	4 6	25 22	1 48	19 25	0 33	7 35	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 5	1 25	18 54		n.a.
T 16	5 42	11 18	1 56	14 51	2 15	23 47	4 7	25 23	1 47	19 24	0 33	7 33	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 5	1 26	18 57		n.a.
W17	6 5	5 30	0 50	15 29	2 19	23 57	4 7	25 25	1 47	19 23	0 33	7 32	2 31	24 12	0 22	21 33	0 51	22 22	0 8	1 4	1 27	19 0		n.a.
T 18	6 27	0s25	0s17	16 4	2 22	24 6	4 7	25 26	1 46	19 23	0 33	7 30	2 31	24 12	0 22	21 33	0 50	22 22	0 8	1 4	1 29	19 3		n.a.
F 19	6 49	6 15	1 22	16 38	2 24	24 15	4 7	25 27	1 46	19 22	0 33	7 29	2 31	24 12	0 22	21 33	0 50	22 21	0 8	1 4	1 30	19 5		n.a.
S 20	7 12	11 49	2 23	17 9	2 26	24 23	4 6	25 28	1 45	19 21	0 33	7 27	2 31	24 12	0 23	21 33	0 50	22 21	0 9	1 5	1 31	19 8		n.a.
S 21	7 34	16 56	3 18	17 37	2 26	24 31	4 5	25 29	1 44	19 20	0 33	7 26	2 31	24 12	0 23	21 33	0 50	22 21	0 9	1 6	1 32	19 11		n.a.
M22	7 56	21 24	4 4	18 4	2 26	24 38	4 5	25 30	1 44	19 19	0 33	7 24	2 31	24 12	0 23	21 33	0 50	22 21	0 9	1 8	1 34	19 13		n.a.
T 23	8 18	25 1	4 39	18 28	2 26	24 44	4 3	25 30	1 43	19 18	0 33	7 22	2 31	24 13	0 23	21 33	0 50	22 21	0 9	1 9	1 35	19 16		n.a.
W24	8 40	27 35	5 3	18 50	2 24	24 49	4 2	25 30	1 43	19 17	0 33	7 21	2 31	24 13	0 23	21 33	0 50	22 21	0 9	1 11	1 36	19 19		n.a.
T 25	9 1	28 54	5 13	19 9	2 22	24 54	4 0	25 31	1 42	19 16	0 32	7 19	2 31	24 13	0 23	21 33	0 50	22 21	0 9	1 12	1 38	19 22		n.a.
F 26	9 23	28 51	5 10	19 27	2 19	24 58	3 58	25 31	1 42	19 15	0 32	7 18	2 31	24 13	0 23	21 33	0 50	22 21	0 9	1 13	1 39	19 24		n.a.
S 27	9 44	27 22	4 52	19 42	2 14	25 2	3 56	25 31	1 41	19 13	0 32	7 16	2 31	24 13	0 23	21 33	0 50	22 21	0 9	1 14	1 40	19 27		n.a.
S 28	10 5	24 28	4 20	19 55	2 10	25 5	3 53	25 31	1 41	19 12	0 32	7 14	2 31	24 13	0 23	21 32	0 50	22 21	0 9	1 14	1 41	19 30		n.a.
M29	10 26	20 16	3 34	20 6	2 4	25 7	3 50	25 30	1 40	19 11	0 32	7 13	2 31	24 13	0 23	21 32	0 50	22 21	0 9	1 13	1 43	19 32		n.a.
T 30	10n47	14s56	2s34	20n15	1n58	25n 8	3n47	25n30	1n39	19s10	0n32	7s11	2n31	24s13	0s23	21n32	0n50	22s21	0s 9	1s13	1s44	19s35		n.a.

Julian Day Number = 1284674.5, Delta T = 08h04m52s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'48, Lahiri = -20°27'47 Julian Calendar 1 Apr. 1196 BCE == Greg. Calendar 21 March 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

MAY 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 21	28♈32'47	11♓27	22♉ 4	5♊ 1	0♋33	26°R20	24°R 6	28°R32	28♋55	9°R 9	27♓ 2	25♓39	13♏ 4	n.a.	W 1
T 2	13 55 17	29°29'59	25°47	22°53	5°21	1° 7	26♏14	24♎ 1	28♐31	28°56	9♐ 8	27°R 2	25°36	13°11	n.a.	T 2
F 3	13 59 14	0♉27'10	10♈31	23°37	5°40	1°41	26° 8	23°57	28°31	28°56	9° 7	27° 2	25°33	13°17	n.a.	F 3
S 4	14 3 10	1°24'21	25°34	24°17	5°56	2°15	26° 2	23°52	28°30	28°57	9° 6	27° 0	25°30	13°24	n.a.	S 4
S 5	14 7 7	2°21'32	10♉46	24°53	6°11	2°50	25°56	23°48	28°29	28°57	9° 5	26°56	25°27	13°31	n.a.	S 5
M 6	14 11 3	3°18'41	25°58	25°25	6°24	3°24	25°49	23°44	28°28	28°57	9° 4	26°51	25°23	13°37	n.a.	M 6
T 7	14 15 0	4°15'51	11♊ 0	25°52	6°35	3°58	25°43	23°40	28°27	28°58	9° 3	26°46	25°20	13°44	n.a.	T 7
W 8	14 18 57	5°12'59	25°43	26°15	6°43	4°33	25°36	23°35	28°26	28°58	9° 2	26°41	25°17	13°51	n.a.	W 8
T 9	14 22 53	6°10'07	10♋ 2	26°34	6°50	5° 8	25°29	23°31	28°24	28°59	9° 0	26°37	25°14	13°57	n.a.	T 9
F 10	14 26 50	7° 7'15	23°54	26°48	6°54	5°42	25°22	23°27	28°23	29° 0	8°59	26°35	25°11	14° 4	n.a.	F 10
S 11	14 30 46	8° 4'21	7♌19	26°58	6°R56	6°17	25°15	23°23	28°22	29° 0	8°58	26°D34	25° 8	14°11	n.a.	S 11
S 12	14 34 43	9° 1'27	20°19	27° 3	6°56	6°52	25° 8	23°19	28°21	29° 1	8°57	26°34	25° 4	14°18	n.a.	S 12
M13	14 38 39	9°58'32	2♍58	27°R 4	6°53	7°27	25° 1	23°14	28°19	29° 2	8°56	26°36	25° 1	14°24	n.a.	M13
T 14	14 42 36	10°55'36	15°20	27° 0	6°48	8° 1	24°54	23°10	28°18	29° 2	8°54	26°37	24°58	14°31	n.a.	T 14
W15	14 46 32	11°52'40	27°29	26°52	6°40	8°36	24°47	23° 6	28°17	29° 3	8°53	26°R37	24°55	14°38	n.a.	W15
T 16	14 50 29	12°49'43	9♎29	26°39	6°30	9°12	24°39	23° 2	28°15	29° 4	8°52	26°36	24°52	14°44	n.a.	T 16
F 17	14 54 26	13°46'47	21°23	26°22	6°18	9°47	24°32	22°58	28°14	29° 5	8°51	26°34	24°48	14°51	n.a.	F 17
S 18	14 58 22	14°43'49	3♏14	26° 1	6° 3	10°22	24°25	22°54	28°12	29° 6	8°49	26°28	24°45	14°58	n.a.	S 18
S 19	15 2 19	15°40'52	15° 4	25°37	5°46	10°57	24°17	22°50	28°11	29° 6	8°48	26°21	24°42	15° 4	n.a.	S 19
M20	15 6 15	16°37'55	26°56	25°10	5°27	11°33	24°10	22°47	28° 9	29° 7	8°47	26°13	24°39	15°11	n.a.	M20
T 21	15 10 12	17°34'58	8♐50	24°39	5° 5	12° 8	24° 2	22°43	28° 8	29° 8	8°45	26° 3	24°36	15°18	n.a.	T 21
W22	15 14 8	18°32'00	20°49	24° 7	4°42	12°44	23°54	22°39	28° 6	29° 9	8°44	25°54	24°33	15°24	n.a.	W22
T 23	15 18 5	19°29'03	2♑54	23°32	4°16	13°19	23°47	22°35	28° 4	29°10	8°43	25°45	24°29	15°31	n.a.	T 23
F 24	15 22 2	20°26'07	15° 8	22°56	3°48	13°55	23°39	22°32	28° 3	29°11	8°41	25°38	24°26	15°38	n.a.	F 24
S 25	15 25 58	21°23'10	27°34	22°20	3°19	14°30	23°32	22°28	28° 1	29°12	8°40	25°33	24°23	15°45	n.a.	S 25
S 26	15 29 55	22°20'14	10♒14	21°43	2°47	15° 6	23°24	22°25	27°59	29°13	8°39	25°31	24°20	15°51	n.a.	S 26
M27	15 33 51	23°17'18	23°13	21° 8	2°15	15°42	23°16	22°21	27°57	29°14	8°37	25°D30	24°17	15°58	n.a.	M27
T 28	15 37 48	24°14'22	6♓33	20°33	1°41	16°18	23° 8	22°18	27°55	29°16	8°36	25°30	24°13	16° 5	n.a.	T 28
W29	15 41 44	25°11'27	20°18	20° 0	1° 6	16°54	23° 1	22°15	27°54	29°17	8°34	25°R31	24°10	16°11	n.a.	W29
T 30	15 45 41	26° 8'33	4♈28	19°29	0°30	17°30	22°53	22°11	27°52	29°18	8°33	25°31	24° 7	16°18	n.a.	T 30
F 31	15 49 37	27♉ 5'39	19♈ 4	19♉ 2	29♉53	18♋ 6	22♏45	22♎ 8	27♐50	29♋19	8♐32	25♓29	24♓ 4	16♏25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n 8	8s41	1s24	20n22	1n50	25n 9	3n43	25n29	1n39	19s 8	0n32	7s10	2n31	24s13	0s23	21n32	0n50	22s21	0s10	1s12	1s45	19s38			n.a.
T 2	11 29	1 48	0 7	20 27	1 42	25 9	3 40	25 28	1 38	19 7	0 32	7 8	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 12	1 47	19 40			n.a.
F 3	11 49	5n21	1n13	20 30	1 33	25 8	3 35	25 27	1 38	19 6	0 32	7 7	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 12	1 48	19 43			n.a.
S 4	12 9	12 21	2 29	20 30	1 24	25 7	3 31	25 26	1 37	19 4	0 32	7 5	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 13	1 49	19 46			n.a.
S 5	12 30	18 43	3 36	20 29	1 13	25 4	3 26	25 25	1 37	19 3	0 32	7 3	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 14	1 50	19 48			n.a.
M 6	12 49	23 53	4 27	20 26	1 2	25 1	3 20	25 24	1 36	19 2	0 31	7 2	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 16	1 52	19 51			n.a.
T 7	13 9	27 24	4 59	20 22	0 50	24 57	3 14	25 22	1 36	19 0	0 31	7 0	2 31	24 13	0 23	21 32	0 50	22 21	0 10	1 18	1 53	19 53			n.a.
W 8	13 29	28 56	5 10	20 15	0 38	24 53	3 8	25 21	1 35	18 59	0 31	6 59	2 31	24 13	0 23	21 31	0 50	22 21	0 10	1 20	1 54	19 56			n.a.
T 9	13 48	28 28	5 2	20 6	0 24	24 47	3 1	25 19	1 34	18 57	0 31	6 57	2 30	24 13	0 23	21 31	0 50	22 20	0 10	1 22	1 56	19 59			n.a.
F 10	14 7	26 13	4 36	19 56	0 10	24 41	2 54	25 17	1 34	18 55	0 31	6 56	2 30	24 13	0 23	21 31	0 50	22 20	0 10	1 23	1 57	20 1			n.a.
S 11	14 26	22 33	3 56	19 44	0s 4	24 34	2 47	25 15	1 33	18 54	0 31	6 54	2 30	24 13	0 23	21 31	0 50	22 20	0 11	1 23	1 58	20 4			n.a.
S 12	14 45	17 52	3 4	19 31	0 19	24 26	2 39	25 12	1 33	18 52	0 31	6 53	2 30	24 13	0 23	21 31	0 50	22 20	0 11	1 23	1 59	20 7			n.a.
M13	15 3	12 31	2 5	19 16	0 35	24 17	2 30	25 10	1 32	18 51	0 31	6 52	2 30	24 13	0 23	21 31	0 50	22 20	0 11	1 23	2 1	20 9			n.a.
T 14	15 21	6 48	1 1	19 0	0 51	24 8	2 21	25 7	1 32	18 49	0 30	6 50	2 30	24 13	0 23	21 31	0 50	22 20	0 11	1 22	2 2	20 12			n.a.
W15	15 39	0 57	0s 5	18 42	1 7	23 57	2 12	25 4	1 31	18 47	0 30	6 49	2 30	24 13	0 23	21 30	0 50	22 20	0 11	1 22	2 3	20 14			n.a.
T 16	15 57	4s52	1 9	18 23	1 23	23 46	2 2	25 1	1 31	18 46	0 30	6 47	2 30	24 13	0 23	21 30	0 50	22 20	0 11	1 22	2 5	20 17			n.a.
F 17	16 14	10 28	2 10	18 3	1 40	23 33	1 52	24 58	1 30	18 44	0 30	6 46	2 29	24 13	0 23	21 30	0 50	22 20	0 11	1 23	2 6	20 20			n.a.
S 18	16 32	15 41	3 4	17 42	1 56	23 20	1 41	24 55	1 30	18 42	0 30	6 45	2 29	24 13	0 23	21 30	0 50	22 20	0 11	1 25	2 7	20 22			n.a.
S 19	16 48	20 18	3 51	17 21	2 12	23 6	1 30	24 51	1 29	18 41	0 30	6 43	2 29	24 13	0 23	21 30	0 50	22 19	0 11	1 28	2 8	20 25			n.a.
M20	17 5	24 7	4 27	16 59	2 28	22 51	1 19	24 48	1 28	18 39	0 30	6 42	2 29	24 13	0 23	21 29	0 50	22 19	0 11	1 32	2 10	20 27			n.a.
T 21	17 22	26 57	4 52	16 37	2 43	22 36	1 7	24 44	1 28	18 37	0 30	6 41	2 29	24 13	0 23	21 29	0 50	22 19	0 12	1 36	2 11	20 30			n.a.
W22	17 38	28 34	5 4	16 15	2 58	22 19	0 54	24 40	1 27	18 35	0 29	6 40	2 29	24 13	0 23	21 29	0 50	22 19	0 12	1 39	2 12	20 32			n.a.
T 23	17 54	28 52	5 3	15 53	3 11	22 2	0 42	24 36	1 27	18 34	0 29	6 38	2 29	24 13	0 23	21 29	0 50	22 19	0 12	1 43	2 13	20 35			n.a.
F 24	18 9	27 44	4 48	15 32	3 24	21 44	0 29	24 32	1 26	18 32	0 29	6 37	2 28	24 13	0 23	21 29	0 50	22 19	0 12	1 46	2 15	20 37			n.a.
S 25	18 25	25 14	4 20	15 11	3 36	21 25	0 15	24 27	1 26	18 30	0 29	6 36	2 28	24 13	0 23	21 28	0 50	22 19	0 12	1 48	2 16	20 40			n.a.
S 26	18 40	21 27	3 38	14 51	3 47	21 6	0 2	24 23	1 25	18 28	0 29	6 35	2 28	24 13	0 23	21 28	0 50	22 19	0 12	1 49	2 17	20 43			n.a.
M27	18 54	16 35	2 44	14 33	3 56	20 46	0s12	24 18	1 25	18 26	0 29	6 34	2 28	24 13	0 23	21 28	0 50	22 19	0 12	1 49	2 19	20 45			n.a.
T 28	19 9	10 48	1 40	14 16	4 4	20 25	0 26	24 13	1 24	18 24	0 29	6 32	2 28	24 13	0 23	21 28	0 50	22 18	0 12	1 49	2 20	20 48			n.a.
W29	19 23	4 20	0 28	14 1	4 10	20 4	0 40	24 8	1 23	18 23	0 28	6 31	2 28	24 13	0 23	21 27	0 50	22 18	0 12	1 49	2 21	20 50			n.a.
T 30	19 37	2n32	0n48	13 48	4 15	19 43	0 54	24 2	1 23	18 21	0 28	6 30	2 27	24 13	0 23	21 27	0 50	22 18	0 12	1 49	2 22	20 53			n.a.
F 31	19n50	9n28	2n 2	13n38	4s19	19n22	1s 8	23n57	1n22	18s19	0n28	6s29	2n27	24s13	0s23	21n27	0n50	22s18	0s13	1s50	2s24	20s55			n.a.

Julian Day Number = 1284704.5, Delta T = 08h04m50s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'43, Lahiri = -20°27'43 Julian Calendar 1 May 1196 BCE == Greg. Calendar 20 Apr. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

JUNE 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 34	28♉ 2'46	4♉ 1	18°R38	29°R16	18♋42	22°R38	22°R 5	27°R48	29♋20	8°R30	25°R24	24♓ 1	16♏31	n.a.	S 1
S 2	15 57 31	28°59'53	19°12	18♉18	28♉39	19°19	22♏30	22♎ 2	27♐46	29°22	8♐29	25♓18	23°58	16°38	n.a.	S 2
M 3	16 1 27	29°57'00	4♊27	18° 2	28° 2	19°55	22°23	21°59	27°44	29°23	8°27	25° 9	23°54	16°45	n.a.	M 3
T 4	16 5 24	0♊54'09	19°36	17°50	27°25	20°31	22°15	21°56	27°42	29°24	8°26	25° 0	23°51	16°51	n.a.	T 4
W 5	16 9 20	1°51'17	4♋28	17°44	26°48	21° 8	22° 7	21°53	27°40	29°26	8°24	24°50	23°48	16°58	n.a.	W 5
T 6	16 13 17	2°48'26	18°56	17°D42	26°12	21°44	22° 0	21°50	27°38	29°27	8°23	24°43	23°45	17° 5	n.a.	T 6
F 7	16 17 13	3°45'35	2♌55	17°46	25°38	22°21	21°53	21°48	27°36	29°29	8°22	24°37	23°42	17°12	n.a.	F 7
S 8	16 21 10	4°42'44	16°25	17°55	25° 4	22°58	21°45	21°45	27°33	29°30	8°20	24°33	23°39	17°18	n.a.	S 8
S 9	16 25 7	5°39'54	29°27	18°10	24°32	23°34	21°38	21°42	27°31	29°31	8°19	24°32	23°35	17°25	n.a.	S 9
M10	16 29 3	6°37'03	12♍ 5	18°30	24° 1	24°11	21°31	21°40	27°29	29°33	8°17	24°D32	23°32	17°32	n.a.	M10
T 11	16 33 0	7°34'14	24°24	18°56	23°32	24°48	21°24	21°37	27°27	29°34	8°16	24°R32	23°29	17°38	n.a.	T 11
W12	16 36 56	8°31'24	6♎29	19°28	23° 4	25°25	21°17	21°35	27°25	29°36	8°14	24°32	23°26	17°45	n.a.	W12
T 13	16 40 53	9°28'35	18°24	20° 5	22°39	26° 2	21°10	21°33	27°22	29°37	8°13	24°29	23°23	17°52	n.a.	T 13
F 14	16 44 49	10°25'47	0♏15	20°47	22°15	26°39	21° 3	21°31	27°20	29°39	8°11	24°25	23°19	17°58	n.a.	F 14
S 15	16 48 46	11°22'59	12° 4	21°35	21°54	27°16	20°56	21°29	27°18	29°41	8°10	24°17	23°16	18° 5	n.a.	S 15
S 16	16 52 42	12°20'12	23°56	22°29	21°35	27°53	20°49	21°27	27°16	29°42	8° 8	24° 7	23°13	18°12	n.a.	S 16
M17	16 56 39	13°17'26	5♐51	23°28	21°19	28°31	20°43	21°25	27°13	29°44	8° 7	23°55	23°10	18°19	n.a.	M17
T 18	17 0 36	14°14'40	17°52	24°32	21° 5	29° 8	20°36	21°23	27°11	29°46	8° 6	23°42	23° 7	18°25	n.a.	T 18
W19	17 4 32	15°11'56	29°59	25°41	20°53	29°45	20°30	21°21	27° 9	29°47	8° 4	23°29	23° 4	18°32	n.a.	W19
T 20	17 8 29	16° 9'12	12♑15	26°55	20°43	0♑23	20°24	21°20	27° 6	29°49	8° 3	23°16	23° 0	18°39	n.a.	T 20
F 21	17 12 25	17° 6'30	24°39	28°15	20°36	1° 0	20°17	21°18	27° 4	29°51	8° 1	23° 6	22°57	18°45	n.a.	F 21
S 22	17 16 22	18° 3'49	7♒13	29°39	20°31	1°38	20°11	21°17	27° 2	29°52	8° 0	22°59	22°54	18°52	n.a.	S 22
S 23	17 20 18	19° 1'09	20° 0	1♊ 7	20°D29	2°15	20° 5	21°15	26°59	29°54	7°58	22°54	22°51	18°59	n.a.	S 23
M24	17 24 15	19°58'30	3♓ 2	2°41	20°29	2°53	20° 0	21°14	26°57	29°56	7°57	22°52	22°48	19° 5	n.a.	M24
T 25	17 28 12	20°55'53	16°20	4°18	20°32	3°31	19°54	21°13	26°55	29°58	7°56	22°51	22°45	19°12	n.a.	T 25
W26	17 32 8	21°53'17	29°59	5°59	20°36	4° 8	19°49	21°12	26°52	29°59	7°54	22°51	22°41	19°19	n.a.	W26
T 27	17 36 5	22°50'42	13♈59	7°44	20°43	4°46	19°43	21°11	26°50	0♑ 1	7°53	22°50	22°38	19°26	n.a.	T 27
F 28	17 40 1	23°48'09	28°21	9°32	20°52	5°24	19°38	21°10	26°48	0° 3	7°51	22°48	22°35	19°32	n.a.	F 28
S 29	17 43 58	24°45'38	13♉ 2	11°24	21° 3	6° 2	19°33	21° 9	26°45	0° 5	7°50	22°42	22°32	19°39	n.a.	S 29
S 30	17 47 54	25♊43'08	27♉58	13♊17	21♉16	6♑40	19♏28	21♎ 8	26♐43	0♑ 7	7♐49	22♓35	22♓29	19♏46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	20n 3	16n 2	3n10	13n29	4s21	19n 0	1s22	23n51	1n22	18s17	0n28	6s28	2n27	24s13	0s23	21n26	0n50	22s18	0s13	1s51	2s25	20s58			n.a.
S 2	20 16	21 44	4 5	13 23	4 21	18 38	1 36	23 46	1 21	18 15	0 28	6 27	2 27	24 13	0 24	21 26	0 50	22 18	0 13	1 54	2 26	21 0			n.a.
M 3	20 29	26 2	4 44	13 19	4 20	18 17	1 49	23 40	1 21	18 14	0 28	6 26	2 27	24 13	0 24	21 26	0 50	22 18	0 13	1 57	2 28	21 3			n.a.
T 4	20 41	28 26	5 2	13 18	4 18	17 55	2 3	23 34	1 20	18 12	0 27	6 25	2 26	24 13	0 24	21 26	0 50	22 17	0 13	2 1	2 29	21 5			n.a.
W 5	20 53	28 44	4 59	13 20	4 14	17 34	2 16	23 27	1 20	18 10	0 27	6 25	2 26	24 13	0 24	21 25	0 50	22 17	0 13	2 5	2 30	21 8			n.a.
T 6	21 4	27 2	4 37	13 24	4 9	17 13	2 29	23 21	1 19	18 8	0 27	6 24	2 26	24 13	0 24	21 25	0 50	22 17	0 13	2 8	2 31	21 10			n.a.
F 7	21 15	23 42	3 58	13 31	4 3	16 53	2 41	23 14	1 18	18 6	0 27	6 23	2 26	24 13	0 24	21 25	0 50	22 17	0 13	2 10	2 33	21 13			n.a.
S 8	21 26	19 10	3 8	13 41	3 56	16 33	2 53	23 8	1 18	18 5	0 27	6 22	2 26	24 13	0 24	21 24	0 50	22 17	0 13	2 12	2 34	21 15			n.a.
S 9	21 36	13 52	2 9	13 53	3 48	16 14	3 5	23 1	1 17	18 3	0 26	6 21	2 25	24 13	0 24	21 24	0 50	22 17	0 13	2 12	2 35	21 17			n.a.
M10	21 47	8 9	1 6	14 7	3 39	15 55	3 16	22 54	1 17	18 1	0 26	6 21	2 25	24 13	0 24	21 24	0 50	22 17	0 14	2 12	2 36	21 20			n.a.
T 11	21 56	2 16	0 1	14 24	3 29	15 38	3 27	22 46	1 16	18 0	0 26	6 20	2 25	24 13	0 24	21 23	0 50	22 16	0 14	2 12	2 38	21 22			n.a.
W12	22 6	3s34	1s 3	14 42	3 19	15 21	3 37	22 39	1 16	17 58	0 26	6 19	2 25	24 12	0 24	21 23	0 50	22 16	0 14	2 13	2 39	21 25			n.a.
T 13	22 14	9 13	2 3	15 3	3 7	15 5	3 47	22 31	1 15	17 56	0 26	6 19	2 24	24 12	0 24	21 23	0 50	22 16	0 14	2 13	2 40	21 27			n.a.
F 14	22 23	14 30	2 57	15 26	2 55	14 51	3 56	22 24	1 14	17 54	0 26	6 18	2 24	24 12	0 24	21 22	0 50	22 16	0 14	2 15	2 42	21 30			n.a.
S 15	22 31	19 15	3 43	15 51	2 43	14 37	4 4	22 16	1 14	17 53	0 25	6 17	2 24	24 12	0 24	21 22	0 50	22 16	0 14	2 18	2 43	21 32			n.a.
S 16	22 39	23 15	4 20	16 17	2 30	14 24	4 12	22 8	1 13	17 51	0 25	6 17	2 24	24 12	0 24	21 22	0 50	22 16	0 14	2 22	2 44	21 35			n.a.
M17	22 46	26 19	4 45	16 44	2 17	14 13	4 20	21 59	1 13	17 50	0 25	6 16	2 23	24 12	0 24	21 21	0 50	22 16	0 14	2 27	2 45	21 37			n.a.
T 18	22 53	28 13	4 58	17 13	2 4	14 3	4 26	21 51	1 12	17 48	0 25	6 16	2 23	24 12	0 24	21 21	0 50	22 15	0 14	2 33	2 47	21 39			n.a.
W19	23 0	28 48	4 58	17 43	1 50	13 54	4 33	21 42	1 12	17 47	0 25	6 16	2 23	24 12	0 24	21 21	0 50	22 15	0 14	2 38	2 48	21 42			n.a.
T 20	23 6	27 59	4 44	18 14	1 36	13 46	4 38	21 34	1 11	17 45	0 24	6 15	2 23	24 12	0 24	21 20	0 50	22 15	0 14	2 43	2 49	21 44			n.a.
F 21	23 12	25 45	4 16	18 46	1 22	13 39	4 44	21 25	1 11	17 44	0 24	6 15	2 22	24 12	0 24	21 20	0 50	22 15	0 15	2 47	2 51	21 47			n.a.
S 22	23 18	22 15	3 36	19 18	1 8	13 33	4 48	21 16	1 10	17 42	0 24	6 14	2 22	24 12	0 24	21 19	0 50	22 15	0 15	2 50	2 52	21 49			n.a.
S 23	23 23	17 39	2 44	19 50	0 55	13 28	4 53	21 7	1 9	17 41	0 24	6 14	2 22	24 12	0 24	21 19	0 50	22 15	0 15	2 52	2 53	21 51			n.a.
M24	23 27	12 9	1 43	20 22	0 41	13 25	4 56	20 57	1 9	17 39	0 24	6 14	2 22	24 12	0 24	21 19	0 50	22 15	0 15	2 53	2 54	21 54			n.a.
T 25	23 31	6 0	0 34	20 54	0 28	13 22	5 0	20 48	1 8	17 38	0 23	6 14	2 22	24 12	0 24	21 18	0 50	22 15	0 15	2 53	2 56	21 56			n.a.
W26	23 35	0n34	0n38	21 25	0 15	13 21	5 2	20 38	1 8	17 37	0 23	6 13	2 21	24 12	0 24	21 18	0 50	22 14	0 15	2 53	2 57	21 59			n.a.
T 27	23 39	7 17	1 49	21 55	0 3	13 20	5 5	20 28	1 7	17 35	0 23	6 13	2 21	24 12	0 24	21 17	0 50	22 14	0 15	2 53	2 58	22 1			n.a.
F 28	23 41	13 47	2 56	22 24	0n10	13 20	5 7	20 19	1 7	17 34	0 23	6 13	2 21	24 12	0 24	21 17	0 50	22 14	0 15	2 54	2 59	22 3			n.a.
S 29	23 44	19 41	3 52	22 52	0 21	13 22	5 8	20 8	1 6	17 33	0 23	6 13	2 20	24 12	0 24	21 17	0 50	22 14	0 15	2 56	3 1	22 6			n.a.
S 30	23n46	24n28	4n33	23n18	0n32	13n24	5s10	19n58	1n 5	17s32	0n22	6s13	2n20	24s12	0s24	21n16	0n50	22s14	0s15	3s 0	3s 2	22s 8			n.a.

Julian Day Number = 1284735.5, Delta T = 08h04m48s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'39, Lahiri = -20°27'39 Julian Calendar 1 June 1196 BCE == Greg. Calendar 21 May 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

JULY 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 51 51	26♊40'39	13♊ 1	15♊14	21♉31	7♌18	19°R23	21°R 8	26°R40	0♌ 9	7°R47	22°R25	22♓25	19♏52	n.a.	M 1
T 2	17 55 47	27°38'12	28° 1	17°12	21°49	7°56	19♏19	21♎ 7	26♐38	0°11	7♐46	22♓14	22°22	19°59	n.a.	T 2
W 3	17 59 44	28°35'46	12♋48	19°12	22° 8	8°35	19°14	21° 7	26°36	0°13	7°44	22° 3	22°19	20° 6	n.a.	W 3
T 4	18 3 41	29°33'22	27°16	21°13	22°28	9°13	19°10	21° 6	26°33	0°15	7°43	21°53	22°16	20°12	n.a.	T 4
F 5	18 7 37	0♋30'58	11♌17	23°14	22°51	9°51	19° 6	21° 6	26°31	0°17	7°42	21°46	22°13	20°19	n.a.	F 5
S 6	18 11 34	1°28'36	24°49	25°17	23°15	10°30	19° 2	21° 6	26°28	0°19	7°41	21°41	22°10	20°26	n.a.	S 6
S 7	18 15 30	2°26'15	7♍55	27°19	23°41	11° 8	18°58	21°D 6	26°26	0°21	7°39	21°39	22° 6	20°33	n.a.	S 7
M 8	18 19 27	3°23'55	20°35	29°22	24° 8	11°47	18°54	21° 6	26°24	0°23	7°38	21°D38	22° 3	20°39	n.a.	M 8
T 9	18 23 23	4°21'37	2♎55	1♋24	24°37	12°25	18°51	21° 6	26°21	0°25	7°37	21°R39	22° 0	20°46	n.a.	T 9
W10	18 27 20	5°19'19	15° 1	3°26	25° 8	13° 4	18°48	21° 6	26°19	0°27	7°35	21°38	21°57	20°53	n.a.	W10
T 11	18 31 16	6°17'03	26°56	5°27	25°40	13°43	18°45	21° 6	26°17	0°29	7°34	21°36	21°54	20°59	n.a.	T 11
F 12	18 35 13	7°14'48	8♏47	7°27	26°13	14°22	18°42	21° 7	26°14	0°31	7°33	21°32	21°51	21° 6	n.a.	F 12
S 13	18 39 10	8°12'35	20°38	9°27	26°47	15° 0	18°39	21° 7	26°12	0°33	7°32	21°26	21°47	21°13	n.a.	S 13
S 14	18 43 6	9°10'23	2♐32	11°25	27°23	15°39	18°37	21° 8	26°10	0°35	7°31	21°17	21°44	21°20	n.a.	S 14
M15	18 47 3	10° 8'13	14°32	13°22	28° 0	16°18	18°34	21° 9	26° 7	0°37	7°29	21° 6	21°41	21°26	n.a.	M15
T 16	18 50 59	11° 6'04	26°42	15°19	28°38	16°57	18°32	21°10	26° 5	0°40	7°28	20°53	21°38	21°33	n.a.	T 16
W17	18 54 56	12° 3'57	9♑ 1	17°13	29°18	17°36	18°30	21°10	26° 3	0°42	7°27	20°41	21°35	21°40	n.a.	W17
T 18	18 58 52	13° 1'51	21°30	19° 7	29°58	18°16	18°28	21°11	26° 0	0°44	7°26	20°30	21°31	21°46	n.a.	T 18
F 19	19 2 49	13°59'47	4♒10	20°59	0♊40	18°55	18°27	21°13	25°58	0°46	7°25	20°20	21°28	21°53	n.a.	F 19
S 20	19 6 45	14°57'45	17° 1	22°51	1°22	19°34	18°25	21°14	25°56	0°48	7°24	20°14	21°25	22° 0	n.a.	S 20
S 21	19 10 42	15°55'45	0♓ 4	24°40	2° 6	20°13	18°24	21°15	25°54	0°50	7°23	20° 9	21°22	22° 6	n.a.	S 21
M22	19 14 39	16°53'47	13°18	26°29	2°50	20°53	18°23	21°16	25°52	0°52	7°22	20° 8	21°19	22°13	n.a.	M22
T 23	19 18 35	17°51'51	26°44	28°16	3°36	21°32	18°22	21°18	25°49	0°55	7°21	20°D 8	21°16	22°20	n.a.	T 23
W24	19 22 32	18°49'57	10♈25	0♌ 2	4°22	22°12	18°21	21°19	25°47	0°57	7°20	20° 8	21°12	22°27	n.a.	W24
T 25	19 26 28	19°48'05	24°21	1°47	5° 9	22°51	18°21	21°21	25°45	0°59	7°19	20°R 8	21° 9	22°33	n.a.	T 25
F 26	19 30 25	20°46'15	8♉31	3°30	5°57	23°31	18°21	21°23	25°43	1° 1	7°18	20° 7	21° 6	22°40	n.a.	F 26
S 27	19 34 21	21°44'28	22°55	5°13	6°46	24°11	18°D21	21°25	25°41	1° 3	7°17	20° 4	21° 3	22°47	n.a.	S 27
S 28	19 38 18	22°42'43	7♊30	6°54	7°35	24°50	18°21	21°27	25°39	1° 6	7°16	19°58	21° 0	22°53	n.a.	S 28
M29	19 42 14	23°41'00	22° 9	8°34	8°26	25°30	18°21	21°29	25°37	1° 8	7°15	19°50	20°57	23° 0	n.a.	M29
T 30	19 46 11	24°39'19	6♋47	10°12	9°17	26°10	18°21	21°31	25°35	1°10	7°14	19°42	20°53	23° 7	n.a.	T 30
W31	19 50 8	25♋37'41	21♋16	11♌50	10♊ 8	26♌50	18♏22	21♎33	25♐33	1♌12	7♐13	19♓33	20♓50	23♏14	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	27n38	4n56	23n42	0n42	13n27	5s11	19n48	1n 5	17s31	0n22	6s13	2n20	24s12	0s24	21n16	0n50	22s14	0s16	3s 4	3s 3	22s10			n.a.
T 2	23 49	28 48	4 59	24 4	0 52	13 31	5 11	19 37	1 4	17 30	0 22	6 13	2 20	24 12	0 24	21 15	0 50	22 14	0 16	3 8	3 5	22 13			n.a.
W 3	23 50	27 52	4 41	24 24	1 1	13 35	5 11	19 26	1 4	17 29	0 22	6 13	2 19	24 12	0 24	21 15	0 50	22 13	0 16	3 12	3 6	22 15			n.a.
T 4	23 50	25 4	4 6	24 41	1 9	13 41	5 11	19 16	1 3	17 28	0 22	6 13	2 19	24 12	0 24	21 14	0 50	22 13	0 16	3 16	3 7	22 17			n.a.
F 5	23 50	20 49	3 16	24 56	1 16	13 47	5 11	19 5	1 2	17 27	0 21	6 13	2 19	24 11	0 24	21 14	0 50	22 13	0 16	3 19	3 8	22 20			n.a.
S 6	23 50	15 36	2 17	25 8	1 23	13 54	5 10	18 53	1 2	17 26	0 21	6 14	2 19	24 11	0 24	21 14	0 50	22 13	0 16	3 21	3 10	22 22			n.a.
S 7	23 49	9 51	1 12	25 17	1 28	14 1	5 9	18 42	1 1	17 25	0 21	6 14	2 18	24 11	0 24	21 13	0 50	22 13	0 16	3 22	3 11	22 24			n.a.
M 8	23 48	3 53	0 6	25 24	1 33	14 9	5 8	18 31	1 1	17 24	0 21	6 14	2 18	24 11	0 24	21 13	0 50	22 13	0 16	3 22	3 12	22 26			n.a.
T 9	23 46	2s 5	0s59	25 28	1 38	14 17	5 7	18 19	1 0	17 23	0 21	6 14	2 18	24 11	0 24	21 12	0 50	22 13	0 16	3 22	3 13	22 29			n.a.
W10	23 44	7 51	2 0	25 29	1 41	14 26	5 5	18 7	1 0	17 23	0 20	6 15	2 18	24 11	0 24	21 12	0 50	22 13	0 16	3 22	3 15	22 31			n.a.
T 11	23 41	13 16	2 55	25 27	1 44	14 35	5 3	17 56	0 59	17 22	0 20	6 15	2 17	24 11	0 24	21 11	0 50	22 12	0 16	3 23	3 16	22 33			n.a.
F 12	23 38	18 10	3 42	25 23	1 46	14 45	5 1	17 44	0 58	17 21	0 20	6 16	2 17	24 11	0 24	21 11	0 50	22 12	0 17	3 25	3 17	22 36			n.a.
S 13	23 35	22 22	4 20	25 17	1 47	14 55	4 59	17 31	0 58	17 21	0 20	6 16	2 17	24 11	0 24	21 10	0 50	22 12	0 17	3 27	3 19	22 38			n.a.
S 14	23 31	25 41	4 46	25 8	1 48	15 6	4 56	17 19	0 57	17 20	0 20	6 16	2 17	24 11	0 24	21 10	0 50	22 12	0 17	3 31	3 20	22 40			n.a.
M15	23 27	27 53	4 59	24 57	1 48	15 16	4 54	17 7	0 57	17 20	0 19	6 17	2 16	24 11	0 24	21 10	0 50	22 12	0 17	3 35	3 21	22 42			n.a.
T 16	23 22	28 48	5 0	24 43	1 47	15 28	4 51	16 54	0 56	17 19	0 19	6 18	2 16	24 11	0 24	21 9	0 50	22 12	0 17	3 40	3 22	22 45			n.a.
W17	23 17	28 17	4 46	24 28	1 46	15 39	4 48	16 41	0 55	17 19	0 19	6 18	2 16	24 11	0 24	21 9	0 50	22 12	0 17	3 45	3 24	22 47			n.a.
T 18	23 11	26 21	4 19	24 11	1 45	15 51	4 45	16 29	0 55	17 19	0 19	6 19	2 15	24 11	0 24	21 8	0 50	22 12	0 17	3 50	3 25	22 49			n.a.
F 19	23 5	23 4	3 39	23 52	1 43	16 2	4 41	16 16	0 54	17 18	0 19	6 19	2 15	24 11	0 24	21 8	0 50	22 12	0 17	3 53	3 26	22 51			n.a.
S 20	22 59	18 38	2 46	23 31	1 40	16 15	4 38	16 3	0 54	17 18	0 18	6 20	2 15	24 10	0 24	21 7	0 50	22 12	0 17	3 56	3 27	22 54			n.a.
S 21	22 52	13 16	1 45	23 8	1 37	16 27	4 34	15 49	0 53	17 18	0 18	6 21	2 15	24 10	0 24	21 7	0 50	22 11	0 17	3 58	3 29	22 56			n.a.
M22	22 45	7 14	0 36	22 44	1 34	16 39	4 31	15 36	0 52	17 18	0 18	6 22	2 14	24 10	0 24	21 6	0 50	22 11	0 17	3 58	3 30	22 58			n.a.
T 23	22 37	0 47	0n35	22 19	1 30	16 51	4 27	15 23	0 52	17 18	0 18	6 22	2 14	24 10	0 24	21 6	0 50	22 11	0 18	3 58	3 31	23 0			n.a.
W24	22 29	5n49	1 46	21 52	1 25	17 4	4 23	15 9	0 51	17 18	0 18	6 23	2 14	24 10	0 24	21 5	0 50	22 11	0 18	3 58	3 33	23 2			n.a.
T 25	22 21	12 15	2 52	21 24	1 21	17 16	4 19	14 55	0 51	17 18	0 17	6 24	2 14	24 10	0 24	21 5	0 50	22 11	0 18	3 58	3 34	23 5			n.a.
F 26	22 12	18 11	3 49	20 55	1 16	17 29	4 15	14 42	0 50	17 18	0 17	6 25	2 13	24 10	0 24	21 4	0 50	22 11	0 18	3 59	3 35	23 7			n.a.
S 27	22 3	23 11	4 32	20 25	1 11	17 41	4 11	14 28	0 49	17 18	0 17	6 26	2 13	24 10	0 24	21 4	0 50	22 11	0 18	4 0	3 36	23 9			n.a.
S 28	21 53	26 49	4 58	19 54	1 5	17 53	4 6	14 13	0 49	17 18	0 17	6 27	2 13	24 10	0 24	21 3	0 50	22 11	0 18	4 2	3 38	23 11			n.a.
M29	21 43	28 40	5 5	19 23	0 59	18 6	4 2	13 59	0 48	17 19	0 17	6 28	2 13	24 10	0 24	21 3	0 50	22 11	0 18	4 5	3 39	23 13			n.a.
T 30	21 33	28 31	4 52	18 50	0 53	18 18	3 58	13 45	0 48	17 19	0 16	6 29	2 12	24 10	0 24	21 2	0 50	22 11	0 18	4 9	3 40	23 16			n.a.
W31	21n22	26n24	4n20	18n17	0n47	18n30	3s53	13n31	0n47	17s19	0n16	6s30	2n12	24s10	0s24	21n 2	0n50	22s11	0s18	4s12	3s41	23s18			n.a.

Julian Day Number = 1284765.5, Delta T = 08h04m47s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'35, Lahiri = -20°27'35 Julian Calendar 1 July 1196 BCE == Greg. Calendar 20 June 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

AUGUST 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 4	26♋36'04	5♌29	13♌26	11♊ 1	27♌30	18♏23	21♎35	25°R31	1♌14	7°R12	19°R25	20♓47	23♏20	n.a.	T 1
F 2	19 58 1	27°34'29	19°22	15° 1	11°54	28°10	18°24	21°38	25♐29	1°17	7♐11	19♓20	20°44	23°27	n.a.	F 2
S 3	20 1 57	28°32'56	2♍50	16°35	12°47	28°50	18°25	21°40	25°27	1°19	7°11	19°16	20°41	23°34	n.a.	S 3
S 4	20 5 54	29°31'25	15°54	18° 8	13°42	29°30	18°27	21°43	25°25	1°21	7°10	19°D15	20°37	23°40	n.a.	S 4
M 5	20 9 50	0♌29'55	28°36	19°40	14°36	0♍11	18°28	21°45	25°23	1°23	7° 9	19°15	20°34	23°47	n.a.	M 5
T 6	20 13 47	1°28'28	10♎58	21°11	15°32	0°51	18°30	21°48	25°22	1°26	7° 8	19°16	20°31	23°54	n.a.	T 6
W 7	20 17 43	2°27'02	23° 6	22°40	16°27	1°31	18°32	21°51	25°20	1°28	7° 8	19°18	20°28	24° 1	n.a.	W 7
T 8	20 21 40	3°25'38	5♏ 3	24° 9	17°24	2°12	18°34	21°54	25°18	1°30	7° 7	19°R18	20°25	24° 7	n.a.	T 8
F 9	20 25 37	4°24'16	16°55	25°36	18°21	2°52	18°37	21°57	25°16	1°32	7° 6	19°17	20°22	24°14	n.a.	F 9
S 10	20 29 33	5°22'55	28°47	27° 2	19°18	3°33	18°39	22° 0	25°15	1°35	7° 6	19°14	20°18	24°21	n.a.	S 10
S 11	20 33 30	6°21'37	10♐44	28°27	20°16	4°13	18°42	22° 3	25°13	1°37	7° 5	19°10	20°15	24°27	n.a.	S 11
M12	20 37 26	7°20'21	22°49	29°50	21°14	4°54	18°45	22° 6	25°12	1°39	7° 5	19° 3	20°12	24°34	n.a.	M12
T 13	20 41 23	8°19'06	5♑ 5	1♍13	22°13	5°35	18°48	22°10	25°10	1°41	7° 4	18°56	20° 9	24°41	n.a.	T 13
W14	20 45 19	9°17'54	17°35	2°34	23°12	6°16	18°51	22°13	25° 9	1°43	7° 4	18°49	20° 6	24°47	n.a.	W14
T 15	20 49 16	10°16'43	0♒19	3°54	24°12	6°56	18°55	22°17	25° 7	1°46	7° 3	18°42	20° 3	24°54	n.a.	T 15
F 16	20 53 12	11°15'35	13°17	5°12	25°12	7°37	18°59	22°20	25° 6	1°48	7° 3	18°37	19°59	25° 1	n.a.	F 16
S 17	20 57 9	12°14'29	26°30	6°29	26°12	8°18	19° 2	22°24	25° 4	1°50	7° 2	18°33	19°56	25° 8	n.a.	S 17
S 18	21 1 5	13°13'25	9♓55	7°45	27°13	8°59	19° 6	22°28	25° 3	1°52	7° 2	18°31	19°53	25°14	n.a.	S 18
M19	21 5 2	14°12'23	23°31	8°59	28°14	9°40	19°11	22°31	25° 2	1°54	7° 2	18°D31	19°50	25°21	n.a.	M19
T 20	21 8 59	15°11'23	7♈18	10°11	29°16	10°22	19°15	22°35	25° 0	1°57	7° 1	18°32	19°47	25°28	n.a.	T 20
W21	21 12 55	16°10'26	21°13	11°21	0♋18	11° 3	19°20	22°39	24°59	1°59	7° 1	18°34	19°43	25°34	n.a.	W21
T 22	21 16 52	17° 9'32	5♉15	12°30	1°20	11°44	19°24	22°43	24°58	2° 1	7° 1	18°35	19°40	25°41	n.a.	T 22
F 23	21 20 48	18° 8'40	19°24	13°37	2°23	12°25	19°29	22°47	24°57	2° 3	7° 0	18°R35	19°37	25°48	n.a.	F 23
S 24	21 24 45	19° 7'50	3♊37	14°41	3°26	13° 7	19°34	22°52	24°56	2° 5	7° 0	18°35	19°34	25°55	n.a.	S 24
S 25	21 28 41	20° 7'04	17°52	15°44	4°29	13°48	19°39	22°56	24°55	2° 7	7° 0	18°33	19°31	26° 1	n.a.	S 25
M26	21 32 38	21° 6'19	2♋ 6	16°44	5°33	14°30	19°45	23° 0	24°54	2°10	7° 0	18°29	19°28	26° 8	n.a.	M26
T 27	21 36 34	22° 5'37	16°16	17°41	6°37	15°11	19°50	23° 5	24°53	2°12	7° 0	18°26	19°24	26°15	n.a.	T 27
W28	21 40 31	23° 4'58	0♌18	18°35	7°41	15°53	19°56	23° 9	24°52	2°14	7° 0	18°22	19°21	26°21	n.a.	W28
T 29	21 44 28	24° 4'21	14° 6	19°26	8°46	16°35	20° 2	23°14	24°51	2°16	7° 0	18°18	19°18	26°28	n.a.	T 29
F 30	21 48 24	25° 3'45	27°39	20°14	9°51	17°17	20° 8	23°18	24°50	2°18	6°59	18°16	19°15	26°35	n.a.	F 30
S 31	21 52 21	26♌ 3'12	10♍54	20♍57	10♋56	17♍58	20♏14	23♎23	24♐49	2♌20	6°D59	18♓15	19♓12	26♏42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n11	22n39	3n33	17n43	0n40	18n42	3s48	13n16	0n46	17s20	0n16	6s31	2n12	24s10	0s24	21n 1	0n50	22s11	0s18	4s15	3s43	23s20			n.a.
F 2	21 0	17 41	2 33	17 8	0 34	18 54	3 44	13 1	0 46	17 20	0 16	6 32	2 12	24 10	0 24	21 1	0 50	22 11	0 18	4 18	3 44	23 22			n.a.
S 3	20 48	11 59	1 27	16 33	0 27	19 5	3 39	12 47	0 45	17 21	0 16	6 33	2 11	24 10	0 24	21 0	0 50	22 11	0 18	4 19	3 45	23 24			n.a.
S 4	20 35	5 55	0 18	15 58	0 20	19 17	3 34	12 32	0 45	17 21	0 16	6 35	2 11	24 9	0 24	21 0	0 50	22 10	0 19	4 19	3 47	23 26			n.a.
M 5	20 23	0s12	0s50	15 22	0 13	19 28	3 29	12 17	0 44	17 22	0 15	6 36	2 11	24 9	0 24	20 59	0 50	22 10	0 19	4 19	3 48	23 28			n.a.
T 6	20 10	6 10	1 54	14 45	0 5	19 39	3 25	12 2	0 43	17 23	0 15	6 37	2 11	24 9	0 24	20 59	0 50	22 10	0 19	4 19	3 49	23 31			n.a.
W 7	19 56	11 47	2 52	14 9	0s 2	19 50	3 20	11 47	0 43	17 23	0 15	6 38	2 10	24 9	0 24	20 58	0 50	22 10	0 19	4 18	3 50	23 33			n.a.
T 8	19 43	16 53	3 42	13 32	0 10	20 0	3 15	11 31	0 42	17 24	0 15	6 40	2 10	24 9	0 24	20 58	0 50	22 10	0 19	4 18	3 52	23 35			n.a.
F 9	19 29	21 20	4 21	12 55	0 18	20 10	3 10	11 16	0 42	17 25	0 15	6 41	2 10	24 9	0 24	20 57	0 50	22 10	0 19	4 19	3 53	23 37			n.a.
S 10	19 14	24 55	4 50	12 18	0 26	20 20	3 5	11 0	0 41	17 26	0 14	6 42	2 10	24 9	0 24	20 57	0 50	22 10	0 19	4 20	3 54	23 39			n.a.
S 11	19 0	27 28	5 6	11 41	0 33	20 30	2 59	10 45	0 40	17 27	0 14	6 44	2 9	24 9	0 24	20 56	0 50	22 10	0 19	4 22	3 55	23 41			n.a.
M12	18 45	28 46	5 8	11 4	0 41	20 39	2 54	10 29	0 40	17 28	0 14	6 45	2 9	24 9	0 24	20 56	0 50	22 10	0 19	4 24	3 57	23 43			n.a.
T 13	18 29	28 41	4 57	10 27	0 49	20 47	2 49	10 13	0 39	17 29	0 14	6 47	2 9	24 9	0 24	20 55	0 50	22 10	0 19	4 27	3 58	23 45			n.a.
W14	18 14	27 9	4 31	9 50	0 58	20 56	2 44	9 57	0 38	17 30	0 14	6 48	2 9	24 9	0 24	20 55	0 50	22 10	0 19	4 30	3 59	23 47			n.a.
T 15	17 58	24 11	3 52	9 14	1 6	21 4	2 39	9 41	0 38	17 31	0 14	6 50	2 8	24 9	0 24	20 55	0 50	22 10	0 20	4 32	4 0	23 49			n.a.
F 16	17 41	19 58	3 0	8 37	1 14	21 11	2 34	9 25	0 37	17 32	0 13	6 51	2 8	24 9	0 24	20 54	0 50	22 10	0 20	4 35	4 2	23 51			n.a.
S 17	17 25	14 43	1 57	8 1	1 22	21 19	2 29	9 9	0 37	17 34	0 13	6 53	2 8	24 9	0 24	20 54	0 50	22 10	0 20	4 36	4 3	23 53			n.a.
S 18	17 8	8 42	0 47	7 25	1 30	21 25	2 23	8 53	0 36	17 35	0 13	6 55	2 8	24 9	0 24	20 53	0 50	22 10	0 20	4 37	4 4	23 56			n.a.
M19	16 50	2 12	0n27	6 50	1 38	21 32	2 18	8 37	0 35	17 36	0 13	6 56	2 7	24 8	0 24	20 53	0 50	22 10	0 20	4 37	4 6	23 58			n.a.
T 20	16 33	4n29	1 41	6 15	1 46	21 37	2 13	8 20	0 35	17 38	0 13	6 58	2 7	24 8	0 24	20 52	0 50	22 10	0 20	4 36	4 7	24 0			n.a.
W21	16 15	11 1	2 49	5 40	1 54	21 43	2 8	8 4	0 34	17 39	0 12	7 0	2 7	24 8	0 24	20 52	0 50	22 10	0 20	4 36	4 8	24 2			n.a.
T 22	15 57	17 3	3 48	5 7	2 2	21 47	2 2	7 47	0 33	17 41	0 12	7 1	2 7	24 8	0 24	20 51	0 50	22 10	0 20	4 35	4 9	24 4			n.a.
F 23	15 39	22 15	4 33	4 34	2 9	21 52	1 57	7 31	0 33	17 42	0 12	7 3	2 7	24 8	0 24	20 51	0 50	22 10	0 20	4 35	4 11	24 6			n.a.
S 24	15 20	26 10	5 2	4 2	2 17	21 56	1 52	7 14	0 32	17 44	0 12	7 5	2 6	24 8	0 24	20 50	0 50	22 11	0 20	4 35	4 12	24 8			n.a.
S 25	15 1	28 28	5 13	3 31	2 24	21 59	1 47	6 57	0 31	17 45	0 12	7 7	2 6	24 8	0 24	20 50	0 50	22 11	0 20	4 36	4 13	24 10			n.a.
M26	14 42	28 53	5 4	3 0	2 31	22 2	1 42	6 40	0 31	17 47	0 12	7 9	2 6	24 8	0 24	20 49	0 50	22 11	0 20	4 38	4 14	24 12			n.a.
T 27	14 23	27 25	4 37	2 32	2 38	22 4	1 37	6 24	0 30	17 49	0 11	7 10	2 6	24 8	0 24	20 49	0 50	22 11	0 21	4 39	4 16	24 14			n.a.
W28	14 3	24 13	3 53	2 4	2 45	22 5	1 31	6 7	0 30	17 50	0 11	7 12	2 6	24 8	0 24	20 48	0 50	22 11	0 21	4 41	4 17	24 16			n.a.
T 29	13 43	19 41	2 57	1 38	2 51	22 6	1 26	5 50	0 29	17 52	0 11	7 14	2 5	24 8	0 24	20 48	0 50	22 11	0 21	4 42	4 18	24 18			n.a.
F 30	13 23	14 13	1 51	1 13	2 57	22 7	1 21	5 32	0 28	17 54	0 11	7 16	2 5	24 8	0 24	20 47	0 50	22 11	0 21	4 43	4 19	24 20			n.a.
S 31	13n 3	8n13	0n40	0n51	3s 3	22n 7	1s16	5n15	0n28	17s56	0n11	7s18	2n 5	24s 8	0s24	20n47	0n50	22s11	0s21	4s43	4s21	24s22			n.a.

Julian Day Number = 1284796.5, Delta T = 08h04m45s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'31, Lahiri = -20°27'31 Julian Calendar 1 Aug. 1196 BCE == Greg. Calendar 21 July 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

SEPTEMBER 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 17	27♌ 2'41	23♍50	21♍37	12♋ 1	18♍40	20♏21	23♎28	24°R49	2♑22	6♐59	18°D15	19♓ 9	26♏48	n.a.	S 1
M 2	22 0 14	28° 2'13	6♎27	22°12	13° 7	19°22	20°27	23°33	24♐48	2°24	6°59	18♓15	19° 5	26°55	n.a.	M 2
T 3	22 4 10	29° 1'46	18°48	22°42	14°13	20° 4	20°34	23°38	24°47	2°26	7° 0	18°17	19° 2	27° 2	n.a.	T 3
W 4	22 8 7	0♍ 1'21	0♏56	23° 7	15°19	20°46	20°41	23°43	24°47	2°28	7° 0	18°18	18°59	27° 8	n.a.	W 4
T 5	22 12 3	1° 0'58	12°54	23°26	16°25	21°29	20°48	23°48	24°46	2°30	7° 0	18°20	18°56	27°15	n.a.	T 5
F 6	22 16 0	2° 0'37	24°47	23°38	17°32	22°11	20°55	23°53	24°46	2°32	7° 0	18°21	18°53	27°22	n.a.	F 6
S 7	22 19 56	3° 0'18	6♐39	23°R44	18°39	22°53	21° 2	23°58	24°45	2°34	7° 0	18°R21	18°49	27°29	n.a.	S 7
S 8	22 23 53	4° 0'01	18°36	23°42	19°46	23°35	21° 9	24° 3	24°45	2°36	7° 0	18°20	18°46	27°35	n.a.	S 8
M 9	22 27 50	4°59'46	0♑42	23°32	20°53	24°18	21°17	24° 9	24°44	2°38	7° 1	18°19	18°43	27°42	n.a.	M 9
T 10	22 31 46	5°59'32	13° 0	23°13	22° 1	25° 0	21°25	24°14	24°44	2°40	7° 1	18°17	18°40	27°49	n.a.	T 10
W11	22 35 43	6°59'21	25°35	22°47	23° 8	25°43	21°32	24°19	24°44	2°42	7° 1	18°16	18°37	27°55	n.a.	W11
T 12	22 39 39	7°59'12	8♒29	22°11	24°16	26°25	21°40	24°25	24°44	2°44	7° 2	18°14	18°34	28° 2	n.a.	T 12
F 13	22 43 36	8°59'04	21°42	21°26	25°24	27° 8	21°49	24°30	24°44	2°46	7° 2	18°13	18°30	28° 9	n.a.	F 13
S 14	22 47 32	9°58'58	5♓15	20°34	26°33	27°50	21°57	24°36	24°44	2°48	7° 2	18°12	18°27	28°16	n.a.	S 14
S 15	22 51 29	10°58'55	19° 5	19°33	27°41	28°33	22° 5	24°42	24°D43	2°50	7° 3	18°D12	18°24	28°22	n.a.	S 15
M16	22 55 25	11°58'53	3♈ 9	18°26	28°50	29°16	22°14	24°47	24°43	2°51	7° 3	18°12	18°21	28°29	n.a.	M16
T 17	22 59 22	12°58'54	17°23	17°14	29°59	29°59	22°22	24°53	24°44	2°53	7° 4	18°13	18°18	28°36	n.a.	T 17
W18	23 3 18	13°58'57	1♉44	15°59	1♌ 8	0♎42	22°31	24°59	24°44	2°55	7° 4	18°13	18°14	28°42	n.a.	W18
T 19	23 7 15	14°59'02	16° 6	14°42	2°17	1°25	22°40	25° 5	24°44	2°57	7° 5	18°14	18°11	28°49	n.a.	T 19
F 20	23 11 12	15°59'09	0♊25	13°26	3°26	2° 8	22°49	25°11	24°44	2°59	7° 5	18°14	18° 8	28°56	n.a.	F 20
S 21	23 15 8	16°59'19	14°39	12°14	4°36	2°51	22°58	25°16	24°44	3° 0	7° 6	18°R14	18° 5	29° 3	n.a.	S 21
S 22	23 19 5	17°59'32	28°45	11° 8	5°46	3°34	23° 8	25°22	24°45	3° 2	7° 7	18°D14	18° 2	29° 9	n.a.	S 22
M23	23 23 1	18°59'46	12♋42	10° 9	6°56	4°17	23°17	25°29	24°45	3° 4	7° 7	18°14	17°59	29°16	n.a.	M23
T 24	23 26 58	20° 0'03	26°27	9°20	8° 6	5° 0	23°27	25°35	24°45	3° 5	7° 8	18°14	17°55	29°23	n.a.	T 24
W25	23 30 54	21° 0'22	10♌ 1	8°41	9°16	5°44	23°36	25°41	24°46	3° 7	7° 9	18°14	17°52	29°29	n.a.	W25
T 26	23 34 51	22° 0'42	23°22	8°14	10°27	6°27	23°46	25°47	24°46	3° 9	7° 9	18°15	17°49	29°36	n.a.	T 26
F 27	23 38 47	23° 1'05	6♍30	7°58	11°37	7°10	23°56	25°53	24°47	3°10	7°10	18°15	17°46	29°43	n.a.	F 27
S 28	23 42 44	24° 1'30	19°24	7°D54	12°48	7°54	24° 6	25°59	24°48	3°12	7°11	18°R15	17°43	29°50	n.a.	S 28
S 29	23 46 41	25° 1'57	2♎ 5	8° 1	13°59	8°37	24°16	26° 6	24°48	3°13	7°12	18°15	17°40	29°56	n.a.	S 29
M30	23 50 37	26♍ 2'25	14♎32	8♍19	15♌10	9♎21	24♏26	26♎12	24♐49	3♌15	7♐13	18♓14	17♓36	0♐ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n42	2n 1	0s31	0n30	3s 8	22n 6	1s11	4n58	0n27	17s58	0n11	7s20	2n 5	24s 8	0s24	20n46	0n50	22s11	0s21	4s43	4s22	24s23		n.a.
M 2	12 21	4s 7	1 39	0 12	3 13	22 5	1 6	4 41	0 26	17 59	0 10	7 22	2 4	24 8	0 24	20 46	0 50	22 11	0 21	4 43	4 23	24 25		n.a.
T 3	12 0	9 57	2 41	0s 3	3 16	22 3	1 1	4 23	0 26	18 1	0 10	7 24	2 4	24 8	0 24	20 46	0 50	22 11	0 21	4 43	4 25	24 27		n.a.
W 4	11 39	15 19	3 34	0 16	3 20	22 1	0 56	4 6	0 25	18 3	0 10	7 26	2 4	24 8	0 24	20 45	0 50	22 11	0 21	4 42	4 26	24 29		n.a.
T 5	11 18	20 3	4 18	0 26	3 22	21 58	0 51	3 48	0 24	18 5	0 10	7 28	2 4	24 8	0 24	20 45	0 50	22 11	0 21	4 41	4 27	24 31		n.a.
F 6	10 56	23 57	4 50	0 32	3 23	21 54	0 47	3 31	0 24	18 7	0 10	7 30	2 4	24 8	0 24	20 44	0 50	22 12	0 21	4 41	4 28	24 33		n.a.
S 7	10 34	26 52	5 9	0 35	3 24	21 50	0 42	3 13	0 23	18 10	0 10	7 32	2 4	24 8	0 24	20 44	0 50	22 12	0 21	4 41	4 30	24 35		n.a.
S 8	10 12	28 35	5 16	0 33	3 23	21 45	0 37	2 56	0 22	18 12	0 10	7 35	2 3	24 8	0 24	20 43	0 50	22 12	0 22	4 41	4 31	24 37		n.a.
M 9	9 50	28 59	5 9	0 27	3 21	21 39	0 32	2 38	0 22	18 14	0 9	7 37	2 3	24 8	0 24	20 43	0 50	22 12	0 22	4 42	4 32	24 39		n.a.
T 10	9 28	27 57	4 47	0 17	3 17	21 33	0 28	2 20	0 21	18 16	0 9	7 39	2 3	24 8	0 24	20 42	0 50	22 12	0 22	4 42	4 33	24 41		n.a.
W11	9 5	25 30	4 12	0 1	3 12	21 26	0 23	2 3	0 21	18 18	0 9	7 41	2 3	24 8	0 24	20 42	0 50	22 12	0 22	4 43	4 35	24 43		n.a.
T 12	8 43	21 42	3 23	0n19	3 5	21 19	0 19	1 45	0 20	18 21	0 9	7 43	2 3	24 8	0 24	20 42	0 50	22 12	0 22	4 44	4 36	24 45		n.a.
F 13	8 20	16 44	2 22	0 45	2 56	21 11	0 14	1 27	0 19	18 23	0 9	7 45	2 2	24 8	0 24	20 41	0 50	22 12	0 22	4 44	4 37	24 46		n.a.
S 14	7 57	10 51	1 11	1 16	2 46	21 2	0 10	1 9	0 19	18 25	0 9	7 48	2 2	24 8	0 24	20 41	0 51	22 13	0 22	4 44	4 38	24 48		n.a.
S 15	7 34	4 19	0n 5	1 52	2 33	20 53	0 5	0 51	0 18	18 28	0 8	7 50	2 2	24 8	0 24	20 40	0 51	22 13	0 22	4 44	4 40	24 50		n.a.
M16	7 11	2n31	1 22	2 32	2 18	20 43	0 1	0 34	0 17	18 30	0 8	7 52	2 2	24 7	0 24	20 40	0 51	22 13	0 22	4 44	4 41	24 52		n.a.
T 17	6 48	9 19	2 35	3 15	2 2	20 33	0n 3	0 16	0 17	18 32	0 8	7 54	2 2	24 7	0 24	20 40	0 51	22 13	0 22	4 44	4 42	24 54		n.a.
W18	6 24	15 41	3 39	4 2	1 44	20 22	0 8	0s 2	0 16	18 35	0 8	7 57	2 2	24 7	0 24	20 39	0 51	22 13	0 22	4 44	4 43	24 56		n.a.
T 19	6 1	21 12	4 29	4 49	1 25	20 10	0 12	0 20	0 15	18 37	0 8	7 59	2 1	24 7	0 24	20 39	0 51	22 13	0 22	4 44	4 45	24 58		n.a.
F 20	5 37	25 29	5 2	5 37	1 5	19 58	0 16	0 38	0 15	18 40	0 8	8 1	2 1	24 7	0 24	20 38	0 51	22 14	0 23	4 44	4 46	24 59		n.a.
S 21	5 13	28 11	5 16	6 24	0 44	19 45	0 20	0 56	0 14	18 42	0 8	8 4	2 1	24 7	0 24	20 38	0 51	22 14	0 23	4 44	4 47	25 1		n.a.
S 22	4 49	29 2	5 12	7 9	0 24	19 32	0 24	1 14	0 13	18 45	0 7	8 6	2 1	24 7	0 24	20 38	0 51	22 14	0 23	4 44	4 49	25 3		n.a.
M23	4 25	28 1	4 49	7 50	0 3	19 17	0 27	1 32	0 13	18 47	0 7	8 8	2 1	24 7	0 23	20 37	0 51	22 14	0 23	4 44	4 50	25 5		n.a.
T 24	4 1	25 17	4 9	8 27	0n16	19 3	0 31	1 50	0 12	18 50	0 7	8 11	2 1	24 7	0 23	20 37	0 51	22 14	0 23	4 44	4 51	25 7		n.a.
W25	3 37	21 11	3 16	8 58	0 34	18 48	0 35	2 8	0 11	18 52	0 7	8 13	2 1	24 7	0 23	20 37	0 51	22 15	0 23	4 44	4 52	25 8		n.a.
T 26	3 13	16 3	2 14	9 25	0 51	18 32	0 39	2 26	0 11	18 55	0 7	8 16	2 0	24 7	0 23	20 36	0 51	22 15	0 23	4 43	4 54	25 10		n.a.
F 27	2 49	10 16	1 5	9 45	1 6	18 16	0 42	2 44	0 10	18 58	0 7	8 18	2 0	24 8	0 23	20 36	0 51	22 15	0 23	4 43	4 55	25 12		n.a.
S 28	2 25	4 10	0s 6	9 59	1 20	17 59	0 45	3 2	0 9	19 0	0 7	8 20	2 0	24 8	0 23	20 36	0 51	22 15	0 23	4 43	4 56	25 14		n.a.
S 29	2 0	2s 0	1 16	10 7	1 32	17 41	0 49	3 21	0 9	19 3	0 6	8 23	2 0	24 8	0 23	20 35	0 51	22 15	0 23	4 43	4 57	25 15		n.a.
M30	1n36	7s58	2s21	10n10	1n42	17n23	0n52	3s39	0n 8	19s 6	0n 6	8s25	2n 0	24s 8	0s23	20n35	0n51	22s16	0s23	4s44	4s59	25s17		n.a.

Julian Day Number = 1284827.5, Delta T = 08h04m43s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'27, Lahiri = -20°27'26 Julian Calendar 1 Sept. 1196 BCE == Greg. Calendar 21 Aug. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

OCTOBER 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 34	27♍ 2'55	26♎47	8♍46	16♌21	10♎ 5	24♏37	26♎18	24♐50	3♌16	7♐14	18°R13	17♓33	0♐10	n.a.	T 1
W 2	23 58 30	28° 3'27	8♏52	9°23	17°32	10°48	24°47	26°25	24°51	3°18	7°15	18♓12	17°30	0°16	n.a.	W 2
T 3	0 2 27	29° 4'00	20°49	10° 7	18°43	11°32	24°58	26°31	24°52	3°19	7°16	18°10	17°27	0°23	n.a.	T 3
F 4	0 6 23	0♎ 4'35	2♐42	10°59	19°55	12°16	25° 8	26°38	24°52	3°21	7°17	18° 9	17°24	0°30	n.a.	F 4
S 5	0 10 20	1° 5'12	14°33	11°57	21° 6	13° 0	25°19	26°44	24°53	3°22	7°18	18° 7	17°20	0°37	n.a.	S 5
S 6	0 14 16	2° 5'50	26°28	13° 1	22°18	13°44	25°30	26°51	24°55	3°23	7°19	18° 7	17°17	0°43	n.a.	S 6
M 7	0 18 13	3° 6'29	8♑31	14°10	23°30	14°28	25°41	26°57	24°56	3°25	7°20	18°D 7	17°14	0°50	n.a.	M 7
T 8	0 22 10	4° 7'10	20°46	15°22	24°42	15°12	25°52	27° 4	24°57	3°26	7°21	18° 7	17°11	0°57	n.a.	T 8
W 9	0 26 6	5° 7'51	3♒19	16°39	25°54	15°56	26° 3	27°11	24°58	3°27	7°22	18° 9	17° 8	1° 4	n.a.	W 9
T 10	0 30 3	6° 8'35	16°13	17°58	27° 6	16°40	26°15	27°17	24°59	3°29	7°23	18°10	17° 5	1°10	n.a.	T 10
F 11	0 33 59	7° 9'19	29°31	19°20	28°18	17°24	26°26	27°24	25° 0	3°30	7°24	18°11	17° 1	1°17	n.a.	F 11
S 12	0 37 56	8°10'05	13♓14	20°44	29°30	18° 9	26°37	27°31	25° 2	3°31	7°25	18°R12	16°58	1°24	n.a.	S 12
S 13	0 41 52	9°10'52	27°21	22°10	0♍43	18°53	26°49	27°37	25° 3	3°32	7°27	18°12	16°55	1°30	n.a.	S 13
M14	0 45 49	10°11'40	11♈49	23°37	1°55	19°37	27° 0	27°44	25° 5	3°33	7°28	18°11	16°52	1°37	n.a.	M14
T 15	0 49 45	11°12'30	26°31	25° 6	3° 8	20°22	27°12	27°51	25° 6	3°34	7°29	18° 8	16°49	1°44	n.a.	T 15
W16	0 53 42	12°13'22	11♉21	26°36	4°20	21° 6	27°24	27°58	25° 8	3°35	7°30	18° 5	16°46	1°51	n.a.	W16
T 17	0 57 39	13°14'15	26°11	28° 6	5°33	21°51	27°36	28° 5	25° 9	3°37	7°32	18° 1	16°42	1°57	n.a.	T 17
F 18	1 1 35	14°15'09	10♊53	29°37	6°46	22°35	27°48	28°11	25°11	3°38	7°33	17°58	16°39	2° 4	n.a.	F 18
S 19	1 5 32	15°16'06	25°21	1♎ 9	7°59	23°20	28° 0	28°18	25°12	3°39	7°34	17°56	16°36	2°11	n.a.	S 19
S 20	1 9 28	16°17'03	9♋32	2°42	9°12	24° 5	28°12	28°25	25°14	3°39	7°36	17°54	16°33	2°17	n.a.	S 20
M21	1 13 25	17°18'03	23°23	4°14	10°25	24°49	28°24	28°32	25°16	3°40	7°37	17°D54	16°30	2°24	n.a.	M21
T 22	1 17 21	18°19'03	6♌56	5°47	11°38	25°34	28°36	28°39	25°18	3°41	7°39	17°55	16°26	2°31	n.a.	T 22
W23	1 21 18	19°20'06	20°11	7°20	12°52	26°19	28°49	28°46	25°20	3°42	7°40	17°57	16°23	2°38	n.a.	W23
T 24	1 25 14	20°21'09	3♍10	8°53	14° 5	27° 4	29° 1	28°53	25°21	3°43	7°41	17°58	16°20	2°44	n.a.	T 24
F 25	1 29 11	21°22'14	15°55	10°27	15°18	27°49	29°14	29° 0	25°23	3°44	7°43	17°R59	16°17	2°51	n.a.	F 25
S 26	1 33 8	22°23'20	28°28	12° 0	16°32	28°34	29°26	29° 7	25°25	3°44	7°44	17°59	16°14	2°58	n.a.	S 26
S 27	1 37 4	23°24'27	10♎51	13°34	17°45	29°19	29°39	29°14	25°27	3°45	7°46	17°56	16°11	3° 4	n.a.	S 27
M28	1 41 1	24°25'35	23° 5	15° 8	18°59	0♏ 4	29°51	29°21	25°29	3°46	7°48	17°52	16° 7	3°11	n.a.	M28
T 29	1 44 57	25°26'44	5♏12	16°41	20°13	0°49	0♐ 4	29°28	25°32	3°47	7°49	17°46	16° 4	3°18	n.a.	T 29
W30	1 48 54	26°27'54	17°11	18°15	21°27	1°34	0°17	29°35	25°34	3°47	7°51	17°39	16° 1	3°25	n.a.	W30
T 31	1 52 50	27♎29'05	29♏ 6	19♎49	22♍40	2♏19	0♐30	29♎42	25♐36	3♌48	7♐52	17♓31	15♓58	3♐31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1n12	13s33	3s18	10n 8	1n51	17n 5	0n55	3s57	0n 7	19s 8	0n 6	8s28	2n 0	24s 8	0s23	20n35	0n51	22s16	0s23	4s44	5s 0	25s19			n.a.
W 2	0 47	18 33	4 5	10 0	1 58	16 46	0 59	4 15	0 7	19 11	0 6	8 30	2 0	24 8	0 23	20 34	0 51	22 16	0 23	4 45	5 1	25 21			n.a.
T 3	0 23	22 46	4 41	9 48	2 4	16 26	1 2	4 33	0 6	19 14	0 6	8 33	1 59	24 8	0 23	20 34	0 51	22 16	0 24	4 45	5 2	25 22			n.a.
F 4	0s 2	26 1	5 5	9 32	2 8	16 6	1 5	4 51	0 5	19 17	0 6	8 35	1 59	24 8	0 23	20 34	0 51	22 17	0 24	4 46	5 4	25 24			n.a.
S 5	0 26	28 9	5 15	9 13	2 11	15 46	1 7	5 9	0 5	19 19	0 6	8 38	1 59	24 8	0 23	20 33	0 51	22 17	0 24	4 46	5 5	25 26			n.a.
S 6	0 51	29 0	5 13	8 50	2 13	15 25	1 10	5 27	0 4	19 22	0 6	8 40	1 59	24 8	0 23	20 33	0 51	22 17	0 24	4 47	5 6	25 28			n.a.
M 7	1 15	28 29	4 56	8 24	2 14	15 3	1 13	5 45	0 3	19 25	0 5	8 43	1 59	24 8	0 23	20 33	0 51	22 17	0 24	4 47	5 7	25 29			n.a.
T 8	1 40	26 35	4 26	7 55	2 14	14 42	1 16	6 2	0 3	19 28	0 5	8 45	1 59	24 8	0 23	20 33	0 51	22 18	0 24	4 46	5 9	25 31			n.a.
W 9	2 4	23 21	3 43	7 24	2 14	14 19	1 18	6 20	0 2	19 30	0 5	8 48	1 59	24 8	0 23	20 32	0 51	22 18	0 24	4 46	5 10	25 33			n.a.
T 10	2 29	18 54	2 47	6 51	2 12	13 56	1 20	6 38	0 1	19 33	0 5	8 50	1 59	24 8	0 23	20 32	0 51	22 18	0 24	4 45	5 11	25 34			n.a.
F 11	2 53	13 24	1 41	6 16	2 10	13 33	1 23	6 56	0 1	19 36	0 5	8 53	1 59	24 8	0 23	20 32	0 51	22 18	0 24	4 45	5 12	25 36			n.a.
S 12	3 18	7 7	0 27	5 40	2 7	13 10	1 25	7 14	0 0	19 39	0 5	8 55	1 58	24 8	0 23	20 32	0 51	22 19	0 24	4 44	5 14	25 38			n.a.
S 13	3 42	0 18	0n50	5 2	2 3	12 46	1 27	7 32	0s 1	19 42	0 5	8 58	1 58	24 8	0 23	20 31	0 51	22 19	0 24	4 44	5 15	25 39			n.a.
M14	4 6	6n41	2 6	4 24	1 59	12 21	1 29	7 49	0 1	19 45	0 5	9 0	1 58	24 8	0 23	20 31	0 52	22 19	0 24	4 45	5 16	25 41			n.a.
T 15	4 30	13 25	3 15	3 44	1 55	11 56	1 31	8 7	0 2	19 47	0 4	9 3	1 58	24 8	0 23	20 31	0 52	22 20	0 25	4 46	5 17	25 43			n.a.
W16	4 55	19 28	4 12	3 4	1 50	11 31	1 33	8 24	0 3	19 50	0 4	9 5	1 58	24 8	0 23	20 31	0 52	22 20	0 25	4 47	5 19	25 44			n.a.
T 17	5 19	24 20	4 51	2 22	1 45	11 6	1 35	8 42	0 3	19 53	0 4	9 8	1 58	24 8	0 23	20 30	0 52	22 20	0 25	4 49	5 20	25 46			n.a.
F 18	5 43	27 35	5 11	1 41	1 40	10 40	1 37	9 0	0 4	19 56	0 4	9 10	1 58	24 8	0 23	20 30	0 52	22 20	0 25	4 50	5 21	25 48			n.a.
S 19	6 7	28 56	5 11	0 59	1 35	10 14	1 38	9 17	0 5	19 59	0 4	9 13	1 58	24 8	0 23	20 30	0 52	22 21	0 25	4 51	5 22	25 49			n.a.
S 20	6 30	28 20	4 51	0 16	1 29	9 47	1 40	9 34	0 5	20 2	0 4	9 16	1 58	24 8	0 23	20 30	0 52	22 21	0 25	4 52	5 24	25 51			n.a.
M21	6 54	25 58	4 15	0s27	1 23	9 20	1 41	9 52	0 6	20 5	0 4	9 18	1 58	24 8	0 23	20 30	0 52	22 21	0 25	4 52	5 25	25 53			n.a.
T 22	7 18	22 10	3 26	1 10	1 17	8 53	1 43	10 9	0 7	20 7	0 4	9 21	1 58	24 8	0 23	20 29	0 52	22 22	0 25	4 51	5 26	25 54			n.a.
W23	7 41	17 18	2 26	1 53	1 10	8 26	1 44	10 26	0 7	20 10	0 3	9 23	1 58	24 8	0 23	20 29	0 52	22 22	0 25	4 50	5 27	25 56			n.a.
T 24	8 5	11 45	1 20	2 36	1 4	7 58	1 45	10 43	0 8	20 13	0 3	9 26	1 57	24 8	0 23	20 29	0 52	22 22	0 25	4 50	5 29	25 57			n.a.
F 25	8 28	5 49	0 11	3 19	0 58	7 30	1 46	11 0	0 9	20 16	0 3	9 28	1 57	24 9	0 23	20 29	0 52	22 23	0 25	4 49	5 30	25 59			n.a.
S 26	8 51	0s15	0s57	4 3	0 51	7 2	1 47	11 17	0 9	20 19	0 3	9 31	1 57	24 9	0 23	20 29	0 52	22 23	0 25	4 50	5 31	26 0			n.a.
S 27	9 14	6 13	2 1	4 46	0 44	6 34	1 48	11 34	0 10	20 22	0 3	9 33	1 57	24 9	0 23	20 29	0 52	22 23	0 26	4 51	5 33	26 2			n.a.
M28	9 37	11 53	2 59	5 29	0 38	6 5	1 49	11 51	0 11	20 25	0 3	9 36	1 57	24 9	0 23	20 29	0 52	22 24	0 26	4 52	5 34	26 4			n.a.
T 29	10 0	17 3	3 48	6 11	0 31	5 37	1 49	12 8	0 11	20 28	0 3	9 39	1 57	24 9	0 23	20 28	0 52	22 24	0 26	4 55	5 35	26 5			n.a.
W30	10 23	21 30	4 27	6 54	0 24	5 8	1 50	12 24	0 12	20 30	0 3	9 41	1 57	24 9	0 23	20 28	0 52	22 24	0 26	4 58	5 36	26 7			n.a.
T 31	10s45	25s 3	4s53	7s36	0n18	4n38	1n50	12s41	0s13	20s33	0n 2	9s44	1n57	24s 9	0s23	20n28	0n52	22s25	0s26	5s 1	5s38	26s 8			n.a.

Julian Day Number = 1284857.5, Delta T = 08h04m42s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'23, Lahiri = -20°27'22 Julian Calendar 1 Oct. 1196 BCE == Greg. Calendar 20 Sept. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

NOVEMBER 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 56 47	28♎30'16	10♐57	21♎23	23♍54	3♏ 5	0♐43	29♎49	25♐38	3♑48	7♐54	17°R23	15♓55	3♐38	n.a.	F 1
S 2	2 0 43	29°31'28	22°48	22°56	25° 8	3°50	0°56	29°56	25°40	3°49	7°56	17♓16	15°51	3°45	n.a.	S 2
S 3	2 4 40	0♏32'41	4♉41	24°30	26°22	4°35	1° 9	0♏ 3	25°43	3°49	7°57	17°11	15°48	3°52	n.a.	S 3
M 4	2 8 37	1°33'54	16°41	26° 4	27°36	5°21	1°22	0°10	25°45	3°50	7°59	17° 7	15°45	3°58	n.a.	M 4
T 5	2 12 33	2°35'08	28°52	27°38	28°50	6° 6	1°35	0°17	25°47	3°50	8° 1	17°D 6	15°42	4° 5	n.a.	T 5
W 6	2 16 30	3°36'22	11♒19	29°12	0♎ 4	6°52	1°48	0°24	25°50	3°51	8° 2	17° 6	15°39	4°12	n.a.	W 6
T 7	2 20 26	4°37'36	24° 6	0♏46	1°18	7°37	2° 1	0°31	25°52	3°51	8° 4	17° 7	15°36	4°18	n.a.	T 7
F 8	2 24 23	5°38'50	7♓18	2°21	2°32	8°23	2°15	0°38	25°55	3°51	8° 6	17° 8	15°32	4°25	n.a.	F 8
S 9	2 28 19	6°40'05	20°58	3°55	3°46	9° 9	2°28	0°45	25°57	3°51	8° 8	17°R 9	15°29	4°32	n.a.	S 9
S 10	2 32 16	7°41'19	5♈ 6	5°30	5° 1	9°54	2°41	0°51	26° 0	3°52	8° 9	17° 7	15°26	4°39	n.a.	S 10
M11	2 36 13	8°42'35	19°42	7° 4	6°15	10°40	2°55	0°58	26° 3	3°52	8°11	17° 3	15°23	4°45	n.a.	M11
T 12	2 40 9	9°43'50	4♉41	8°39	7°29	11°26	3° 8	1° 5	26° 5	3°52	8°13	16°57	15°20	4°52	n.a.	T 12
W13	2 44 6	10°45'06	19°52	10°14	8°43	12°11	3°22	1°12	26° 8	3°52	8°15	16°49	15°17	4°59	n.a.	W13
T 14	2 48 2	11°46'22	5♊ 7	11°49	9°58	12°57	3°35	1°19	26°11	3°52	8°17	16°41	15°13	5° 5	n.a.	T 14
F 15	2 51 59	12°47'39	20°14	13°24	11°12	13°43	3°49	1°26	26°13	3°52	8°18	16°32	15°10	5°12	n.a.	F 15
S 16	2 55 55	13°48'56	5♋ 4	15° 0	12°27	14°29	4° 3	1°33	26°16	3°52	8°20	16°25	15° 7	5°19	n.a.	S 16
S 17	2 59 52	14°50'14	19°30	16°36	13°41	15°15	4°16	1°40	26°19	3°R52	8°22	16°20	15° 4	5°26	n.a.	S 17
M18	3 3 48	15°51'32	3♌29	18°12	14°56	16° 1	4°30	1°47	26°22	3°52	8°24	16°17	15° 1	5°32	n.a.	M18
T 19	3 7 45	16°52'50	17° 3	19°48	16°10	16°47	4°44	1°54	26°25	3°52	8°26	16°D16	14°57	5°39	n.a.	T 19
W20	3 11 42	17°54'09	0♍12	21°25	17°25	17°33	4°58	2° 0	26°27	3°52	8°28	16°17	14°54	5°46	n.a.	W20
T 21	3 15 38	18°55'27	13° 0	23° 2	18°39	18°19	5°11	2° 7	26°30	3°52	8°30	16°R17	14°51	5°53	n.a.	T 21
F 22	3 19 35	19°56'47	25°32	24°39	19°54	19° 5	5°25	2°14	26°33	3°52	8°32	16°17	14°48	5°59	n.a.	F 22
S 23	3 23 31	20°58'06	7♎51	26°16	21° 8	19°52	5°39	2°21	26°36	3°52	8°34	16°14	14°45	6° 6	n.a.	S 23
S 24	3 27 28	21°59'25	20° 0	27°54	22°23	20°38	5°53	2°28	26°39	3°51	8°36	16° 9	14°42	6°13	n.a.	S 24
M25	3 31 24	23° 0'45	2♏ 2	29°32	23°38	21°24	6° 7	2°34	26°42	3°51	8°38	16° 1	14°38	6°19	n.a.	M25
T 26	3 35 21	24° 2'04	14° 0	1♐11	24°52	22°10	6°21	2°41	26°45	3°51	8°39	15°50	14°35	6°26	n.a.	T 26
W27	3 39 18	25° 3'23	25°54	2°49	26° 7	22°57	6°35	2°48	26°48	3°50	8°41	15°37	14°32	6°33	n.a.	W27
T 28	3 43 14	26° 4'42	7♐47	4°28	27°22	23°43	6°49	2°54	26°52	3°50	8°43	15°23	14°29	6°40	n.a.	T 28
F 29	3 47 11	27° 6'01	19°39	6° 7	28°36	24°30	7° 3	3° 1	26°55	3°50	8°45	15° 9	14°26	6°46	n.a.	F 29
S 30	3 51 7	28♏ 7'19	1♑31	7♐46	29♎51	25♏16	7♐17	3♏ 8	26♐58	3♑49	8♐47	14♓56	14♓23	6♐53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 7	27s31	5s 7	8s18	0n11	4n 9	1n51	12s57	0s13	20s36	0n 2	9s46	1n57	24s 9	0s23	20n28	0n52	22s25	0s26	5s 4	5s39	26s10		n.a.
S 2	11 29	28 45	5 7	9 0	0 4	3 40	1 51	13 13	0 14	20 39	0 2	9 49	1 57	24 9	0 23	20 28	0 52	22 25	0 26	5 7	5 40	26 11		n.a.
S 3	11 51	28 40	4 54	9 41	0s 2	3 10	1 51	13 30	0 15	20 42	0 2	9 51	1 57	24 9	0 23	20 28	0 52	22 26	0 26	5 9	5 41	26 13		n.a.
M 4	12 13	27 13	4 29	10 22	0 9	2 40	1 51	13 46	0 15	20 45	0 2	9 54	1 57	24 9	0 23	20 28	0 52	22 26	0 26	5 10	5 43	26 14		n.a.
T 5	12 34	24 29	3 51	11 3	0 15	2 10	1 52	14 2	0 16	20 48	0 2	9 56	1 57	24 9	0 23	20 28	0 52	22 27	0 26	5 11	5 44	26 16		n.a.
W 6	12 56	20 34	3 1	11 43	0 22	1 40	1 52	14 18	0 17	20 50	0 2	9 59	1 57	24 9	0 23	20 28	0 52	22 27	0 26	5 11	5 45	26 17		n.a.
T 7	13 17	15 36	2 1	12 22	0 28	1 10	1 51	14 33	0 17	20 53	0 2	10 1	1 57	24 9	0 23	20 28	0 52	22 27	0 26	5 10	5 46	26 19		n.a.
F 8	13 37	9 47	0 53	13 1	0 34	0 40	1 51	14 49	0 18	20 56	0 2	10 4	1 57	24 9	0 23	20 28	0 53	22 28	0 27	5 10	5 48	26 20		n.a.
S 9	13 58	3 20	0n21	13 40	0 41	0 10	1 51	15 4	0 19	20 59	0 1	10 6	1 57	24 10	0 23	20 28	0 53	22 28	0 27	5 10	5 49	26 22		n.a.
S 10	14 18	3n31	1 35	14 18	0 47	0s20	1 51	15 20	0 19	21 2	0 1	10 9	1 57	24 10	0 23	20 28	0 53	22 28	0 27	5 10	5 50	26 23		n.a.
M11	14 38	10 23	2 46	14 56	0 52	0 50	1 50	15 35	0 20	21 4	0 1	10 11	1 57	24 10	0 23	20 28	0 53	22 29	0 27	5 12	5 51	26 25		n.a.
T 12	14 58	16 50	3 46	15 32	0 58	1 21	1 50	15 50	0 20	21 7	0 1	10 14	1 57	24 10	0 23	20 28	0 53	22 29	0 27	5 14	5 53	26 26		n.a.
W13	15 18	22 22	4 32	16 8	1 4	1 51	1 49	16 5	0 21	21 10	0 1	10 16	1 57	24 10	0 23	20 28	0 53	22 29	0 27	5 17	5 54	26 27		n.a.
T 14	15 37	26 24	4 59	16 44	1 9	2 21	1 48	16 20	0 22	21 13	0 1	10 18	1 57	24 10	0 23	20 28	0 53	22 30	0 27	5 21	5 55	26 29		n.a.
F 15	15 56	28 32	5 4	17 19	1 15	2 52	1 48	16 35	0 22	21 15	0 1	10 21	1 57	24 10	0 23	20 28	0 53	22 30	0 27	5 24	5 56	26 30		n.a.
S 16	16 15	28 33	4 49	17 53	1 20	3 22	1 47	16 49	0 23	21 18	0 1	10 23	1 57	24 10	0 23	20 28	0 53	22 31	0 27	5 27	5 58	26 32		n.a.
S 17	16 33	26 37	4 16	18 26	1 25	3 52	1 46	17 3	0 24	21 21	0 0	10 26	1 57	24 10	0 23	20 28	0 53	22 31	0 27	5 29	5 59	26 33		n.a.
M18	16 52	23 4	3 28	18 58	1 30	4 22	1 45	17 18	0 24	21 23	0 0	10 28	1 57	24 10	0 23	20 28	0 53	22 31	0 27	5 30	6 0	26 35		n.a.
T 19	17 9	18 21	2 29	19 29	1 34	4 52	1 44	17 32	0 25	21 26	0 0	10 30	1 57	24 10	0 23	20 28	0 53	22 32	0 27	5 30	6 1	26 36		n.a.
W20	17 27	12 54	1 25	20 0	1 38	5 22	1 43	17 46	0 26	21 29	0 0	10 33	1 57	24 10	0 23	20 28	0 53	22 32	0 28	5 30	6 3	26 37		n.a.
T 21	17 44	7 3	0 18	20 29	1 42	5 52	1 41	17 59	0 26	21 31	0 0	10 35	1 57	24 10	0 23	20 28	0 53	22 33	0 28	5 30	6 4	26 39		n.a.
F 22	18 1	1 3	0s49	20 58	1 46	6 22	1 40	18 13	0 27	21 34	0s 0	10 38	1 57	24 11	0 23	20 28	0 53	22 33	0 28	5 30	6 5	26 40		n.a.
S 23	18 18	4s52	1 52	21 25	1 50	6 51	1 39	18 26	0 27	21 37	0 0	10 40	1 57	24 11	0 23	20 28	0 53	22 33	0 28	5 31	6 6	26 41		n.a.
S 24	18 34	10 33	2 49	21 51	1 53	7 21	1 37	18 39	0 28	21 39	0 0	10 42	1 57	24 11	0 23	20 28	0 53	22 34	0 28	5 33	6 7	26 43		n.a.
M25	18 50	15 47	3 38	22 16	1 56	7 50	1 36	18 53	0 29	21 42	0 0	10 45	1 57	24 11	0 23	20 28	0 53	22 34	0 28	5 36	6 9	26 44		n.a.
T 26	19 6	20 22	4 16	22 40	1 58	8 19	1 34	19 5	0 29	21 44	0 1	10 47	1 57	24 11	0 23	20 29	0 53	22 35	0 28	5 41	6 10	26 45		n.a.
W27	19 21	24 8	4 43	23 2	2 1	8 49	1 33	19 18	0 30	21 47	0 1	10 49	1 57	24 11	0 23	20 29	0 53	22 35	0 28	5 46	6 11	26 47		n.a.
T 28	19 36	26 52	4 58	23 23	2 2	9 17	1 31	19 30	0 31	21 49	0 1	10 51	1 57	24 11	0 23	20 29	0 53	22 35	0 28	5 51	6 12	26 48		n.a.
F 29	19 50	28 24	5 0	23 43	2 4	9 46	1 30	19 43	0 31	21 52	0 1	10 54	1 57	24 11	0 23	20 29	0 53	22 36	0 28	5 57	6 14	26 49		n.a.
S 30	20s 4	28s38	4s48	24s 1	2s 5	10s14	1n28	19s55	0s32	21s54	0s 1	10s56	1n57	24s11	0s23	20n29	0n53	22s36	0s28	6s 2	6s15	26s51		n.a.

Julian Day Number = 1284888.5, Delta T = 08h04m40s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'19, Lahiri = -20°27'18 Julian Calendar 1 Nov. 1196 BCE == Greg. Calendar 21 Oct. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1196 BCE
geocentric

DECEMBER 1196 BCE (-1195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 4	29♏ 8'37	13♉27	9♐25	1♏ 6	26♏ 2	7♐31	3♏14	27♐ 1	3°R49	8♐49	14°R45	14♓19	7♐ 0	n.a.	S 1
M 2	3 59 0	0♐ 9'54	25°28	11° 4	2°20	26°49	7°45	3°21	27° 4	3♌48	8°51	14♓38	14°16	7° 6	n.a.	M 2
T 3	4 2 57	1°11'11	7♒38	12°44	3°35	27°35	7°59	3°27	27° 7	3°48	8°53	14°33	14°13	7°13	n.a.	T 3
W 4	4 6 53	2°12'26	20° 1	14°23	4°50	28°22	8°13	3°33	27°11	3°47	8°55	14°30	14°10	7°20	n.a.	W 4
T 5	4 10 50	3°13'41	2♓41	16° 1	6° 5	29° 9	8°27	3°40	27°14	3°47	8°57	14°D30	14° 7	7°27	n.a.	T 5
F 6	4 14 47	4°14'55	15°44	17°40	7°19	29°55	8°41	3°46	27°17	3°46	8°59	14°R30	14° 3	7°33	n.a.	F 6
S 7	4 18 43	5°16'07	29°13	19°17	8°34	0♐42	8°55	3°53	27°21	3°45	9° 1	14°29	14° 0	7°40	n.a.	S 7
S 8	4 22 40	6°17'19	13♈12	20°54	9°49	1°29	9° 9	3°59	27°24	3°45	9° 3	14°27	13°57	7°47	n.a.	S 8
M 9	4 26 36	7°18'30	27°39	22°30	11° 4	2°15	9°24	4° 5	27°27	3°44	9° 5	14°22	13°54	7°54	n.a.	M 9
T 10	4 30 33	8°19'40	12♉34	24° 5	12°18	3° 2	9°38	4°11	27°30	3°43	9° 7	14°14	13°51	8° 0	n.a.	T 10
W11	4 34 29	9°20'50	27°47	25°37	13°33	3°49	9°52	4°18	27°34	3°42	9° 9	14° 3	13°48	8° 7	n.a.	W11
T 12	4 38 26	10°21'58	13♊10	27° 8	14°48	4°35	10° 6	4°24	27°37	3°41	9°11	13°52	13°44	8°14	n.a.	T 12
F 13	4 42 23	11°23'06	28°31	28°36	16° 3	5°22	10°20	4°30	27°41	3°41	9°13	13°40	13°41	8°20	n.a.	F 13
S 14	4 46 19	12°24'12	13♋37	0♉ 1	17°17	6° 9	10°34	4°36	27°44	3°40	9°15	13°30	13°38	8°27	n.a.	S 14
S 15	4 50 16	13°25'18	28°19	1°23	18°32	6°56	10°48	4°42	27°47	3°39	9°18	13°22	13°35	8°34	n.a.	S 15
M16	4 54 12	14°26'24	12♌33	2°40	19°47	7°43	11° 3	4°48	27°51	3°38	9°20	13°17	13°32	8°41	n.a.	M16
T 17	4 58 9	15°27'28	26°16	3°53	21° 2	8°30	11°17	4°54	27°54	3°37	9°22	13°15	13°29	8°47	n.a.	T 17
W18	5 2 5	16°28'31	9♍31	4°59	22°16	9°16	11°31	4°59	27°58	3°36	9°24	13°14	13°25	8°54	n.a.	W18
T 19	5 6 2	17°29'34	22°21	5°59	23°31	10° 3	11°45	5° 5	28° 1	3°35	9°26	13°14	13°22	9° 1	n.a.	T 19
F 20	5 9 58	18°30'36	4♎50	6°52	24°46	10°50	11°59	5°11	28° 5	3°34	9°28	13°14	13°19	9° 8	n.a.	F 20
S 21	5 13 55	19°31'37	17° 4	7°37	26° 1	11°37	12°13	5°17	28° 8	3°33	9°30	13°11	13°16	9°14	n.a.	S 21
S 22	5 17 52	20°32'37	29° 7	8°12	27°16	12°24	12°27	5°22	28°11	3°32	9°31	13° 6	13°13	9°21	n.a.	S 22
M23	5 21 48	21°33'36	11♏ 3	8°38	28°30	13°11	12°41	5°28	28°15	3°31	9°33	12°57	13° 9	9°28	n.a.	M23
T 24	5 25 45	22°34'35	22°55	8°54	29°45	13°58	12°55	5°33	28°18	3°29	9°35	12°46	13° 6	9°34	n.a.	T 24
W25	5 29 41	23°35'32	4♐46	8°R59	1♐ 0	14°45	13° 9	5°39	28°22	3°28	9°37	12°33	13° 3	9°41	n.a.	W25
T 26	5 33 38	24°36'27	16°38	8°52	2°15	15°32	13°23	5°44	28°25	3°27	9°39	12°18	13° 0	9°48	n.a.	T 26
F 27	5 37 34	25°37'22	28°33	8°35	3°29	16°19	13°37	5°49	28°29	3°26	9°41	12° 3	12°57	9°55	n.a.	F 27
S 28	5 41 31	26°38'15	10♉30	8° 7	4°44	17° 6	13°51	5°55	28°32	3°25	9°43	11°50	12°54	10° 1	n.a.	S 28
S 29	5 45 28	27°39'07	22°33	7°28	5°59	17°54	14° 5	6° 0	28°36	3°23	9°45	11°38	12°50	10° 8	n.a.	S 29
M30	5 49 24	28°39'57	4♒41	6°40	7°14	18°41	14°19	6° 5	28°39	3°22	9°47	11°30	12°47	10°15	n.a.	M30
T 31	5 53 21	29♐40'45	16♒58	5♉44	8♐28	19♐28	14♐33	6♏10	28♐43	3♌21	9♐49	11♓24	12♓44	10♐22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s18	27s32	4s24	24s18	2s 5	10s42	1n26	20s 7	0s32	21s57	0s 1	10s58	1n57	24s11	0s23	20n29	0n53	22s37	0s28	6s 6	6s16	26s52			n.a.
M 2	20 31	25 8	3 48	24 33	2 5	11 10	1 24	20 18	0 33	21 59	0 1	11 0	1 57	24 11	0 23	20 29	0 54	22 37	0 29	6 9	6 17	26 53			n.a.
T 3	20 44	21 35	3 2	24 46	2 5	11 38	1 22	20 30	0 34	22 2	0 1	11 3	1 57	24 11	0 23	20 30	0 54	22 37	0 29	6 11	6 19	26 55			n.a.
W 4	20 57	17 2	2 6	24 57	2 4	12 5	1 20	20 41	0 34	22 4	0 1	11 5	1 57	24 11	0 23	20 30	0 54	22 38	0 29	6 12	6 20	26 56			n.a.
T 5	21 9	11 39	1 2	25 7	2 2	12 32	1 18	20 52	0 35	22 6	0 2	11 7	1 57	24 11	0 23	20 30	0 54	22 38	0 29	6 12	6 21	26 57			n.a.
F 6	21 21	5 37	0n 7	25 15	2 0	12 59	1 16	21 3	0 35	22 9	0 2	11 9	1 57	24 12	0 23	20 30	0 54	22 39	0 29	6 12	6 22	26 58			n.a.
S 7	21 32	0n52	1 17	25 21	1 57	13 26	1 14	21 13	0 36	22 11	0 2	11 11	1 57	24 12	0 23	20 30	0 54	22 39	0 29	6 12	6 24	27 0			n.a.
S 8	21 43	7 31	2 25	25 25	1 54	13 52	1 12	21 24	0 37	22 13	0 2	11 13	1 57	24 12	0 23	20 31	0 54	22 39	0 29	6 13	6 25	27 1			n.a.
M 9	21 54	14 1	3 27	25 26	1 49	14 18	1 10	21 34	0 37	22 16	0 2	11 15	1 57	24 12	0 23	20 31	0 54	22 40	0 29	6 15	6 26	27 2			n.a.
T 10	22 4	19 55	4 16	25 26	1 44	14 43	1 8	21 44	0 38	22 18	0 2	11 17	1 57	24 12	0 23	20 31	0 54	22 40	0 29	6 18	6 27	27 3			n.a.
W11	22 13	24 40	4 48	25 24	1 38	15 8	1 5	21 54	0 38	22 20	0 2	11 19	1 57	24 12	0 23	20 31	0 54	22 41	0 29	6 22	6 29	27 5			n.a.
T 12	22 22	27 43	5 0	25 20	1 31	15 33	1 3	22 3	0 39	22 22	0 2	11 21	1 57	24 12	0 23	20 31	0 54	22 41	0 29	6 27	6 30	27 6			n.a.
F 13	22 31	28 40	4 50	25 14	1 24	15 57	1 1	22 12	0 40	22 25	0 2	11 23	1 58	24 12	0 23	20 32	0 54	22 41	0 30	6 32	6 31	27 7			n.a.
S 14	22 40	27 26	4 20	25 5	1 15	16 21	0 58	22 21	0 40	22 27	0 3	11 25	1 58	24 12	0 23	20 32	0 54	22 42	0 30	6 35	6 32	27 8			n.a.
S 15	22 47	24 19	3 33	24 55	1 6	16 44	0 56	22 30	0 41	22 29	0 3	11 27	1 58	24 12	0 23	20 32	0 54	22 42	0 30	6 38	6 34	27 9			n.a.
M16	22 55	19 47	2 34	24 44	0 55	17 7	0 53	22 38	0 41	22 31	0 3	11 29	1 58	24 12	0 23	20 32	0 54	22 43	0 30	6 40	6 35	27 11			n.a.
T 17	23 2	14 21	1 28	24 30	0 43	17 30	0 51	22 47	0 42	22 33	0 3	11 31	1 58	24 12	0 23	20 33	0 54	22 43	0 30	6 41	6 36	27 12			n.a.
W18	23 8	8 26	0 20	24 15	0 31	17 52	0 49	22 54	0 42	22 35	0 3	11 33	1 58	24 12	0 23	20 33	0 54	22 43	0 30	6 42	6 37	27 13			n.a.
T 19	23 14	2 21	0s48	23 59	0 17	18 13	0 46	23 2	0 43	22 37	0 3	11 35	1 58	24 12	0 23	20 33	0 54	22 44	0 30	6 42	6 39	27 14			n.a.
F 20	23 20	3s39	1 51	23 42	0 2	18 34	0 44	23 10	0 43	22 39	0 3	11 37	1 58	24 12	0 23	20 33	0 54	22 44	0 30	6 42	6 40	27 15			n.a.
S 21	23 25	9 24	2 48	23 24	0n13	18 55	0 41	23 17	0 44	22 41	0 3	11 39	1 58	24 12	0 23	20 34	0 54	22 45	0 30	6 43	6 41	27 16			n.a.
S 22	23 30	14 42	3 37	23 5	0 30	19 15	0 38	23 24	0 45	22 43	0 3	11 41	1 58	24 13	0 23	20 34	0 54	22 45	0 30	6 45	6 42	27 18			n.a.
M23	23 34	19 25	4 15	22 46	0 47	19 35	0 36	23 30	0 45	22 45	0 4	11 42	1 58	24 13	0 23	20 34	0 54	22 45	0 30	6 48	6 43	27 19			n.a.
T 24	23 38	23 21	4 42	22 27	1 5	19 53	0 33	23 37	0 46	22 47	0 4	11 44	1 58	24 13	0 23	20 35	0 54	22 46	0 31	6 53	6 45	27 20			n.a.
W25	23 41	26 18	4 57	22 9	1 23	20 12	0 31	23 43	0 46	22 49	0 4	11 46	1 58	24 13	0 23	20 35	0 54	22 46	0 31	6 58	6 46	27 21			n.a.
T 26	23 44	28 6	4 59	21 51	1 41	20 30	0 28	23 49	0 47	22 51	0 4	11 48	1 59	24 13	0 23	20 35	0 54	22 47	0 31	7 4	6 47	27 22			n.a.
F 27	23 46	28 37	4 47	21 34	2 0	20 47	0 26	23 54	0 47	22 53	0 4	11 49	1 59	24 13	0 23	20 36	0 54	22 47	0 31	7 9	6 48	27 23			n.a.
S 28	23 48	27 48	4 24	21 18	2 17	21 4	0 23	24 0	0 48	22 55	0 4	11 51	1 59	24 13	0 23	20 36	0 54	22 47	0 31	7 14	6 50	27 24			n.a.
S 29	23 49	25 39	3 48	21 3	2 34	21 20	0 20	24 5	0 48	22 57	0 4	11 53	1 59	24 13	0 23	20 36	0 54	22 48	0 31	7 19	6 51	27 25			n.a.
M30	23 50	22 20	3 1	20 50	2 50	21 35	0 18	24 9	0 49	22 58	0 4	11 54	1 59	24 13	0 23	20 37	0 55	22 48	0 31	7 22	6 52	27 26			n.a.
T 31	23s50	18s 0	2s 5	20s38	3n 5	21s50	0n15	24s14	0s49	23s 0	0s 4	11s56	1n59	24s13	0s23	20n37	0n55	22s48	0s31	7s24	6s53	27s27			n.a.

Julian Day Number = 1284918.5, Delta T = 08h04m39s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'14, Lahiri = -20°27'14 Julian Calendar 1 Dec. 1196 BCE == Greg. Calendar 20 Nov. 1196 BCE

The year -1195 astronomical counting style corresponds to year 1196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

JANUARY 1195 BCE (-1194) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 57 17	0♉41'31	29♒26	4°R41	9♐43	20♐15	14♐47	6♏15	28♐46	3°R20	9♐51	11°R22	12♓41	10♐28	n.a.	W 1
T 2	6 1 14	1°42'16	12♓ 9	3♉34	10°58	21° 2	15° 1	6°20	28°50	3♎18	9°53	11°D21	12°38	10°35	n.a.	T 2
F 3	6 5 10	2°42'59	25° 9	2°24	12°12	21°49	15°15	6°25	28°53	3°17	9°55	11♓22	12°35	10°42	n.a.	F 3
S 4	6 9 7	3°43'40	8♈31	1°14	13°27	22°36	15°29	6°30	28°57	3°15	9°57	11°R22	12°31	10°48	n.a.	S 4
S 5	6 13 3	4°44'19	22°17	0° 4	14°42	23°23	15°42	6°34	29° 0	3°14	9°59	11°20	12°28	10°55	n.a.	S 5
M 6	6 17 0	5°44'56	6♉30	28♐57	15°56	24°11	15°56	6°39	29° 4	3°13	10° 0	11°17	12°25	11° 2	n.a.	M 6
T 7	6 20 57	6°45'32	21° 7	27°55	17°11	24°58	16°10	6°44	29° 7	3°11	10° 2	11°11	12°22	11° 9	n.a.	T 7
W 8	6 24 53	7°46'05	6♊ 5	26°57	18°26	25°45	16°23	6°48	29°11	3°10	10° 4	11° 2	12°19	11°15	n.a.	W 8
T 9	6 28 50	8°46'37	21°15	26° 7	19°40	26°32	16°37	6°53	29°14	3° 8	10° 6	10°53	12°15	11°22	n.a.	T 9
F 10	6 32 46	9°47'07	6♋28	25°23	20°55	27°19	16°51	6°57	29°18	3° 7	10° 8	10°43	12°12	11°29	n.a.	F 10
S 11	6 36 43	10°47'34	21°32	24°47	22°10	28° 6	17° 4	7° 1	29°21	3° 5	10°10	10°35	12° 9	11°36	n.a.	S 11
S 12	6 40 39	11°48'01	6♌19	24°18	23°24	28°53	17°18	7° 6	29°25	3° 4	10°11	10°28	12° 6	11°42	n.a.	S 12
M13	6 44 36	12°48'25	20°40	23°57	24°39	29°41	17°31	7°10	29°28	3° 2	10°13	10°24	12° 3	11°49	n.a.	M13
T 14	6 48 32	13°48'48	4♍33	23°44	25°53	0♑28	17°45	7°14	29°31	3° 1	10°15	10°D22	12° 0	11°56	n.a.	T 14
W15	6 52 29	14°49'09	17°57	23°D38	27° 8	1°15	17°58	7°18	29°35	2°59	10°17	10°22	11°56	12° 2	n.a.	W15
T 16	6 56 26	15°49'28	0♎55	23°38	28°23	2° 2	18°11	7°22	29°38	2°58	10°18	10°23	11°53	12° 9	n.a.	T 16
F 17	7 0 22	16°49'46	13°29	23°46	29°37	2°49	18°25	7°26	29°42	2°56	10°20	10°R24	11°50	12°16	n.a.	F 17
S 18	7 4 19	17°50'02	25°46	23°59	0♑52	3°37	18°38	7°29	29°45	2°54	10°22	10°24	11°47	12°23	n.a.	S 18
S 19	7 8 15	18°50'17	7♏49	24°18	2° 6	4°24	18°51	7°33	29°48	2°53	10°23	10°22	11°44	12°29	n.a.	S 19
M20	7 12 12	19°50'30	19°44	24°43	3°21	5°11	19° 4	7°37	29°52	2°51	10°25	10°17	11°41	12°36	n.a.	M20
T 21	7 16 8	20°50'41	1♐35	25°12	4°35	5°58	19°17	7°40	29°55	2°50	10°27	10°11	11°37	12°43	n.a.	T 21
W22	7 20 5	21°50'50	13°26	25°46	5°50	6°45	19°31	7°44	29°58	2°48	10°28	10° 3	11°34	12°50	n.a.	W22
T 23	7 24 1	22°50'58	25°20	26°25	7° 4	7°32	19°44	7°47	0♑ 2	2°46	10°30	9°53	11°31	12°56	n.a.	T 23
F 24	7 27 58	23°51'03	7♑18	27° 8	8°19	8°20	19°56	7°50	0° 5	2°45	10°31	9°44	11°28	13° 3	n.a.	F 24
S 25	7 31 55	24°51'07	19°23	27°54	9°33	9° 7	20° 9	7°53	0° 8	2°43	10°33	9°35	11°25	13°10	n.a.	S 25
S 26	7 35 51	25°51'09	1♒37	28°44	10°48	9°54	20°22	7°56	0°11	2°41	10°34	9°28	11°21	13°16	n.a.	S 26
M27	7 39 48	26°51'08	13°58	29°37	12° 2	10°41	20°35	7°59	0°15	2°40	10°36	9°23	11°18	13°23	n.a.	M27
T 28	7 43 44	27°51'05	26°30	0♑33	13°17	11°28	20°48	8° 2	0°18	2°38	10°37	9°20	11°15	13°30	n.a.	T 28
W29	7 47 41	28°51'00	9♓13	1°32	14°31	12°15	21° 0	8° 5	0°21	2°36	10°39	9°D19	11°12	13°37	n.a.	W29
T 30	7 51 37	29°50'53	22° 8	2°33	15°46	13° 2	21°13	8° 8	0°24	2°35	10°40	9°20	11° 9	13°43	n.a.	T 30
F 31	7 55 34	0♒50'43	5♈18	3♑37	17♑ 0	13♑49	21♐25	8♏10	0♑27	2♎33	10♐42	9♓21	11♓ 6	13♐50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
W 1	23s50	12s50	1s 3	20s28	3n17	22s 4	0n13	24s18	0s50	23s 2	0s 5	11s57	1n59	24s13	0s23	20n37	0n55	22s49	0s31	7s25	6s55	27s28	n.a.
T 2	23 50	7 3	0n 4	20 19	3 28	22 18	0 10	24 22	0 50	23 3	0 5	11 59	1 59	24 13	0 23	20 38	0 55	22 49	0 31	7 25	6 56	27 30	n.a.
F 3	23 49	0 51	1 13	20 12	3 37	22 31	0 7	24 26	0 51	23 5	0 5	12 0	1 59	24 13	0 23	20 38	0 55	22 50	0 31	7 25	6 57	27 31	n.a.
S 4	23 47	5n33	2 19	20 7	3 43	22 43	0 5	24 29	0 51	23 7	0 5	12 2	2 0	24 13	0 23	20 38	0 55	22 50	0 32	7 25	6 58	27 32	n.a.
S 5	23 45	11 54	3 19	20 4	3 47	22 54	0 2	24 32	0 52	23 8	0 5	12 3	2 0	24 13	0 23	20 39	0 55	22 50	0 32	7 26	7 0	27 33	n.a.
M 6	23 43	17 49	4 9	20 2	3 48	23 5	0s 0	24 35	0 52	23 10	0 5	12 5	2 0	24 13	0 23	20 39	0 55	22 51	0 32	7 27	7 1	27 34	n.a.
T 7	23 40	22 55	4 45	20 2	3 47	23 16	0 3	24 37	0 53	23 12	0 5	12 6	2 0	24 13	0 23	20 39	0 55	22 51	0 32	7 30	7 2	27 35	n.a.
W 8	23 36	26 38	5 2	20 4	3 44	23 25	0 6	24 39	0 53	23 13	0 5	12 8	2 0	24 13	0 23	20 40	0 55	22 51	0 32	7 33	7 3	27 36	n.a.
T 9	23 33	28 30	4 58	20 7	3 40	23 34	0 8	24 41	0 54	23 15	0 5	12 9	2 0	24 13	0 23	20 40	0 55	22 52	0 32	7 36	7 4	27 37	n.a.
F 10	23 28	28 14	4 33	20 12	3 34	23 42	0 11	24 43	0 54	23 16	0 6	12 10	2 0	24 13	0 23	20 41	0 55	22 52	0 32	7 40	7 6	27 38	n.a.
S 11	23 23	25 52	3 50	20 18	3 26	23 49	0 13	24 44	0 55	23 18	0 6	12 12	2 0	24 13	0 23	20 41	0 55	22 53	0 32	7 43	7 7	27 39	n.a.
S 12	23 18	21 46	2 51	20 26	3 17	23 56	0 16	24 45	0 55	23 19	0 6	12 13	2 0	24 13	0 23	20 41	0 55	22 53	0 32	7 46	7 8	27 40	n.a.
M13	23 13	16 28	1 43	20 34	3 8	24 2	0 18	24 46	0 55	23 20	0 6	12 14	2 1	24 13	0 23	20 42	0 55	22 53	0 32	7 48	7 9	27 41	n.a.
T 14	23 7	10 29	0 31	20 44	2 57	24 7	0 20	24 46	0 56	23 22	0 6	12 15	2 1	24 13	0 23	20 42	0 55	22 54	0 33	7 48	7 11	27 42	n.a.
W15	23 0	4 13	0s41	20 55	2 46	24 11	0 23	24 46	0 56	23 23	0 6	12 16	2 1	24 13	0 23	20 42	0 55	22 54	0 33	7 48	7 12	27 42	n.a.
T 16	22 53	2s 1	1 48	21 6	2 35	24 15	0 25	24 46	0 57	23 25	0 6	12 18	2 1	24 13	0 23	20 43	0 55	22 54	0 33	7 48	7 13	27 43	n.a.
F 17	22 46	7 59	2 48	21 18	2 23	24 18	0 28	24 46	0 57	23 26	0 6	12 19	2 1	24 13	0 23	20 43	0 55	22 55	0 33	7 48	7 14	27 44	n.a.
S 18	22 38	13 30	3 39	21 31	2 11	24 20	0 30	24 45	0 58	23 27	0 7	12 20	2 1	24 13	0 23	20 44	0 55	22 55	0 33	7 48	7 16	27 45	n.a.
S 19	22 29	18 25	4 19	21 44	1 59	24 22	0 32	24 44	0 58	23 28	0 7	12 21	2 1	24 14	0 23	20 44	0 55	22 55	0 33	7 48	7 17	27 46	n.a.
M20	22 21	22 34	4 47	21 57	1 47	24 22	0 34	24 42	0 58	23 30	0 7	12 22	2 2	24 14	0 23	20 44	0 55	22 56	0 33	7 50	7 18	27 47	n.a.
T 21	22 12	25 46	5 3	22 10	1 35	24 22	0 37	24 41	0 59	23 31	0 7	12 23	2 2	24 14	0 23	20 45	0 55	22 56	0 33	7 53	7 19	27 48	n.a.
W22	22 2	27 51	5 6	22 23	1 23	24 21	0 39	24 39	0 59	23 32	0 7	12 24	2 2	24 14	0 23	20 45	0 55	22 56	0 33	7 56	7 20	27 49	n.a.
T 23	21 52	28 41	4 56	22 36	1 12	24 20	0 41	24 37	1 0	23 33	0 7	12 25	2 2	24 14	0 23	20 46	0 55	22 57	0 33	7 59	7 22	27 50	n.a.
F 24	21 42	28 10	4 32	22 48	1 0	24 17	0 43	24 34	1 0	23 34	0 7	12 26	2 2	24 14	0 23	20 46	0 55	22 57	0 34	8 3	7 23	27 51	n.a.
S 25	21 31	26 18	3 56	23 0	0 49	24 14	0 45	24 31	1 0	23 35	0 7	12 27	2 2	24 14	0 23	20 46	0 55	22 57	0 34	8 6	7 24	27 51	n.a.
S 26	21 20	23 12	3 9	23 12	0 38	24 11	0 47	24 28	1 1	23 37	0 8	12 28	2 2	24 14	0 23	20 47	0 55	22 58	0 34	8 9	7 25	27 52	n.a.
M27	21 8	19 1	2 13	23 23	0 27	24 6	0 49	24 25	1 1	23 38	0 8	12 29	2 3	24 14	0 23	20 47	0 55	22 58	0 34	8 11	7 27	27 53	n.a.
T 28	20 56	13 58	1 9	23 34	0 17	24 1	0 51	24 21	1 1	23 39	0 8	12 29	2 3	24 14	0 23	20 48	0 55	22 58	0 34	8 12	7 28	27 54	n.a.
W29	20 44	8 15	0 1	23 44	0 6	23 55	0 53	24 17	1 2	23 40	0 8	12 30	2 3	24 14	0 23	20 48	0 55	22 59	0 34	8 12	7 29	27 55	n.a.
T 30	20 31	2 7	1n 9	23 52	0s 4	23 48	0 55	24 13	1 2	23 41	0 8	12 31	2 3	24 14	0 23	20 48	0 55	22 59	0 34	8 12	7 30	27 56	n.a.
F 31	20s18	4n13	2n16	24s 1	0s13	23s40	0s57	24s 9	1s 2	23s42	0s 8	12s32	2n 3	24s14	0s23	20n49	0n55	22s59	0s34	8s11	7s32	27s56	n.a.

Julian Day Number = 1284949.5, Delta T = 08h04m37s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'10, Lahiri = -20°27'10 Julian Calendar 1 Jan. 1195 BCE == Greg. Calendar 21 Dec. 1196 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

FEBRUARY 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 30	1♒50'31	18♈44	4♉44	18♉15	14♉36	21♐38	8♏13	0♉30	2°R31	10♐43	9♓23	11♓ 2	13♐57	n.a.	S 1
S 2	8 3 27	2°50'17	2♋28	5°52	19°29	15°23	21°50	8°15	0°33	2♌30	10°45	9°R24	10°59	14° 3	n.a.	S 2
M 3	8 7 24	3°50'00	16°30	7° 3	20°43	16°10	22° 2	8°18	0°37	2°28	10°46	9°23	10°56	14°10	n.a.	M 3
T 4	8 11 20	4°49'41	0♊50	8°16	21°58	16°57	22°15	8°20	0°40	2°26	10°47	9°21	10°53	14°17	n.a.	T 4
W 5	8 15 17	5°49'19	15°26	9°30	23°12	17°44	22°27	8°22	0°43	2°25	10°49	9°17	10°50	14°24	n.a.	W 5
T 6	8 19 13	6°48'55	0♋11	10°47	24°27	18°31	22°39	8°24	0°46	2°23	10°50	9°12	10°47	14°30	n.a.	T 6
F 7	8 23 10	7°48'29	15° 0	12° 5	25°41	19°18	22°51	8°26	0°49	2°21	10°51	9° 8	10°43	14°37	n.a.	F 7
S 8	8 27 6	8°48'00	29°45	13°25	26°55	20° 5	23° 3	8°28	0°52	2°20	10°52	9° 3	10°40	14°44	n.a.	S 8
S 9	8 31 3	9°47'29	14♌17	14°46	28°10	20°52	23°15	8°30	0°54	2°18	10°54	9° 0	10°37	14°51	n.a.	S 9
M10	8 34 59	10°46'56	28°31	16° 9	29°24	21°39	23°26	8°32	0°57	2°17	10°55	8°58	10°34	14°57	n.a.	M10
T 11	8 38 56	11°46'20	12♍22	17°34	0♒38	22°26	23°38	8°33	1° 0	2°15	10°56	8°D58	10°31	15° 4	n.a.	T 11
W12	8 42 53	12°45'43	25°49	19° 0	1°53	23°13	23°50	8°35	1° 3	2°13	10°57	8°59	10°27	15°11	n.a.	W12
T 13	8 46 49	13°45'03	8♎51	20°27	3° 7	24° 0	24° 1	8°36	1° 6	2°12	10°58	9° 0	10°24	15°17	n.a.	T 13
F 14	8 50 46	14°44'22	21°31	21°56	4°21	24°47	24°13	8°37	1° 9	2°10	10°59	9° 2	10°21	15°24	n.a.	F 14
S 15	8 54 42	15°43'38	3♏53	23°27	5°35	25°33	24°24	8°39	1°11	2° 8	11° 1	9° 3	10°18	15°31	n.a.	S 15
S 16	8 58 39	16°42'53	16° 0	24°59	6°50	26°20	24°35	8°40	1°14	2° 7	11° 2	9°R 4	10°15	15°38	n.a.	S 16
M17	9 2 35	17°42'06	27°58	26°32	8° 4	27° 7	24°46	8°41	1°17	2° 5	11° 3	9° 3	10°12	15°44	n.a.	M17
T 18	9 6 32	18°41'17	9♐50	28° 7	9°18	27°54	24°57	8°42	1°19	2° 4	11° 4	9° 2	10° 8	15°51	n.a.	T 18
W19	9 10 28	19°40'26	21°43	29°43	10°32	28°40	25° 8	8°43	1°22	2° 2	11° 5	9° 0	10° 5	15°58	n.a.	W19
T 20	9 14 25	20°39'33	3♉38	1♒21	11°47	29°27	25°19	8°43	1°24	2° 0	11° 6	8°57	10° 2	16° 5	n.a.	T 20
F 21	9 18 21	21°38'38	15°41	3° 0	13° 1	0♒14	25°30	8°44	1°27	1°59	11° 6	8°54	9°59	16°11	n.a.	F 21
S 22	9 22 18	22°37'41	27°54	4°40	14°15	1° 0	25°41	8°44	1°30	1°57	11° 7	8°52	9°56	16°18	n.a.	S 22
S 23	9 26 15	23°36'42	10♒18	6°22	15°29	1°47	25°51	8°45	1°32	1°56	11° 8	8°50	9°53	16°25	n.a.	S 23
M24	9 30 11	24°35'41	22°55	8° 5	16°44	2°34	26° 2	8°45	1°34	1°54	11° 9	8°48	9°49	16°31	n.a.	M24
T 25	9 34 8	25°34'37	5♓46	9°50	17°58	3°20	26°12	8°45	1°37	1°53	11°10	8°D48	9°46	16°38	n.a.	T 25
W26	9 38 4	26°33'32	18°50	11°36	19°12	4° 7	26°22	8°46	1°39	1°51	11°11	8°48	9°43	16°45	n.a.	W26
T 27	9 42 1	27°32'24	2♈ 8	13°24	20°26	4°53	26°33	8°R46	1°42	1°50	11°11	8°49	9°40	16°52	n.a.	T 27
F 28	9 45 57	28♒31'13	15♈39	15♒13	21♒40	5♒40	26♐43	8♏46	1♉44	1♌48	11♐12	8♓50	9♓37	16♐58	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 5	10n30	3n18	24s 8	0s23	23s32	0s59	24s 4	1s 3	23s42	0s 8	12s32	2n 3	24s14	0s23	20n49	0n55	23s 0	0s34	8s11	7s33	27s57		n.a.
S 2	19 51	16 25	4 9	24 14	0 32	23 23	1 0	23 59	1 3	23 43	0 8	12 33	2 3	24 14	0 23	20 50	0 55	23 0	0 35	8 11	7 34	27 58		n.a.
M 3	19 37	21 37	4 47	24 19	0 40	23 14	1 2	23 53	1 3	23 44	0 9	12 33	2 4	24 14	0 23	20 50	0 55	23 0	0 35	8 11	7 35	27 59		n.a.
T 4	19 23	25 41	5 8	24 23	0 49	23 3	1 4	23 48	1 4	23 45	0 9	12 34	2 4	24 14	0 23	20 50	0 55	23 1	0 35	8 12	7 36	28 0		n.a.
W 5	19 8	28 9	5 10	24 26	0 56	22 52	1 5	23 42	1 4	23 46	0 9	12 35	2 4	24 14	0 23	20 51	0 55	23 1	0 35	8 13	7 38	28 0		n.a.
T 6	18 53	28 41	4 51	24 27	1 4	22 41	1 7	23 36	1 4	23 47	0 9	12 35	2 4	24 14	0 23	20 51	0 55	23 1	0 35	8 15	7 39	28 1		n.a.
F 7	18 37	27 10	4 13	24 28	1 11	22 28	1 8	23 29	1 5	23 48	0 9	12 36	2 4	24 14	0 23	20 52	0 55	23 1	0 35	8 17	7 40	28 2		n.a.
S 8	18 22	23 46	3 18	24 27	1 18	22 15	1 9	23 23	1 5	23 48	0 9	12 36	2 4	24 14	0 24	20 52	0 55	23 2	0 35	8 18	7 41	28 3		n.a.
S 9	18 6	18 54	2 11	24 24	1 25	22 2	1 11	23 16	1 5	23 49	0 9	12 37	2 5	24 14	0 24	20 52	0 55	23 2	0 35	8 20	7 43	28 3		n.a.
M10	17 49	13 4	0 57	24 21	1 31	21 47	1 12	23 8	1 5	23 50	0 10	12 37	2 5	24 14	0 24	20 53	0 55	23 2	0 35	8 20	7 44	28 4		n.a.
T 11	17 33	6 45	0s19	24 15	1 36	21 33	1 13	23 1	1 6	23 51	0 10	12 37	2 5	24 14	0 24	20 53	0 55	23 3	0 35	8 20	7 45	28 5		n.a.
W12	17 16	0 18	1 31	24 9	1 42	21 17	1 15	22 53	1 6	23 51	0 10	12 38	2 5	24 14	0 24	20 54	0 55	23 3	0 36	8 20	7 46	28 6		n.a.
T 13	16 58	5s58	2 37	24 0	1 47	21 1	1 16	22 45	1 6	23 52	0 10	12 38	2 5	24 14	0 24	20 54	0 55	23 3	0 36	8 20	7 47	28 6		n.a.
F 14	16 41	11 48	3 33	23 51	1 51	20 44	1 17	22 37	1 6	23 53	0 10	12 38	2 5	24 14	0 24	20 54	0 55	23 3	0 36	8 19	7 49	28 7		n.a.
S 15	16 23	17 3	4 17	23 39	1 55	20 27	1 18	22 29	1 7	23 53	0 10	12 38	2 5	24 14	0 24	20 55	0 55	23 4	0 36	8 18	7 50	28 8		n.a.
S 16	16 5	21 31	4 49	23 26	1 59	20 9	1 19	22 20	1 7	23 54	0 10	12 39	2 6	24 14	0 24	20 55	0 55	23 4	0 36	8 18	7 51	28 8		n.a.
M17	15 47	25 2	5 9	23 12	2 2	19 50	1 20	22 11	1 7	23 55	0 11	12 39	2 6	24 14	0 24	20 55	0 55	23 4	0 36	8 18	7 52	28 9		n.a.
T 18	15 28	27 29	5 14	22 55	2 5	19 31	1 20	22 2	1 7	23 55	0 11	12 39	2 6	24 14	0 24	20 56	0 55	23 4	0 36	8 19	7 54	28 10		n.a.
W19	15 10	28 41	5 7	22 37	2 7	19 11	1 21	21 52	1 8	23 56	0 11	12 39	2 6	24 14	0 24	20 56	0 55	23 5	0 36	8 20	7 55	28 10		n.a.
T 20	14 51	28 33	4 46	22 17	2 9	18 51	1 22	21 43	1 8	23 56	0 11	12 39	2 6	24 14	0 24	20 57	0 55	23 5	0 36	8 21	7 56	28 11		n.a.
F 21	14 32	27 4	4 12	21 56	2 11	18 30	1 22	21 33	1 8	23 57	0 11	12 39	2 6	24 14	0 24	20 57	0 55	23 5	0 37	8 22	7 57	28 12		n.a.
S 22	14 12	24 18	3 27	21 32	2 11	18 9	1 23	21 23	1 8	23 57	0 11	12 39	2 7	24 14	0 24	20 57	0 55	23 5	0 37	8 23	7 58	28 12		n.a.
S 23	13 52	20 22	2 31	21 7	2 12	17 47	1 24	21 12	1 8	23 58	0 11	12 39	2 7	24 14	0 24	20 58	0 55	23 6	0 37	8 24	8 0	28 13		n.a.
M24	13 33	15 28	1 27	20 40	2 12	17 25	1 24	21 2	1 8	23 58	0 12	12 39	2 7	24 14	0 24	20 58	0 55	23 6	0 37	8 24	8 1	28 14		n.a.
T 25	13 12	9 49	0 17	20 11	2 11	17 2	1 24	20 51	1 9	23 59	0 12	12 39	2 7	24 14	0 24	20 58	0 55	23 6	0 37	8 24	8 2	28 14		n.a.
W26	12 52	3 38	0n55	19 41	2 10	16 39	1 25	20 40	1 9	23 59	0 12	12 39	2 7	24 14	0 24	20 59	0 55	23 6	0 37	8 24	8 3	28 15		n.a.
T 27	12 32	2n47	2 6	19 8	2 9	16 15	1 25	20 29	1 9	24 0	0 12	12 39	2 7	24 14	0 24	20 59	0 55	23 6	0 37	8 24	8 4	28 15		n.a.
F 28	12s11	9n10	3n10	18s34	2s 7	15s51	1s25	20s17	1s 9	24s 0	0s12	12s39	2n 8	24s14	0s24	20n59	0n55	23s 7	0s37	8s24	8s 6	28s16		n.a.

Julian Day Number = 1284980.5, Delta T = 08h04m35s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'06, Lahiri = -20°27'06 Julian Calendar 1 Feb. 1195 BCE == Greg. Calendar 21 Jan. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

MARCH 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 54	29♒30'01	29♈22	17♒ 3	22♒54	6♒26	26♐52	8°R45	1♋46	1°R47	11♐13	8♓50	9♓33	17♐ 5	n.a.	S 1
S 2	9 53 50	0♓28'46	13♉16	18°55	24° 9	7°12	27° 2	8♏45	1°48	1♌46	11°13	8°51	9°30	17°12	n.a.	S 2
M 3	9 57 47	1°27'28	27°19	20°48	25°23	7°59	27°12	8°45	1°50	1°44	11°14	8°R51	9°27	17°18	n.a.	M 3
T 4	10 1 43	2°26'09	11♊32	22°43	26°37	8°45	27°22	8°44	1°53	1°43	11°15	8°51	9°24	17°25	n.a.	T 4
W 5	10 5 40	3°24'47	25°50	24°40	27°51	9°31	27°31	8°44	1°55	1°41	11°15	8°51	9°21	17°32	n.a.	W 5
T 6	10 9 37	4°23'22	10♋12	26°37	29° 5	10°18	27°40	8°43	1°57	1°40	11°16	8°51	9°18	17°39	n.a.	T 6
F 7	10 13 33	5°21'56	24°32	28°37	0♓19	11° 4	27°50	8°42	1°59	1°39	11°16	8°50	9°14	17°45	n.a.	F 7
S 8	10 17 30	6°20'26	8♌48	0♓37	1°33	11°50	27°59	8°42	2° 1	1°37	11°17	8°50	9°11	17°52	n.a.	S 8
S 9	10 21 26	7°18'55	22°55	2°39	2°47	12°36	28° 8	8°41	2° 3	1°36	11°17	8°50	9° 8	17°59	n.a.	S 9
M10	10 25 23	8°17'21	6♍48	4°42	4° 1	13°22	28°17	8°40	2° 4	1°35	11°18	8°50	9° 5	18° 6	n.a.	M10
T 11	10 29 19	9°15'46	20°24	6°47	5°15	14° 8	28°25	8°39	2° 6	1°34	11°18	8°50	9° 2	18°12	n.a.	T 11
W12	10 33 16	10°14'08	3♎42	8°52	6°29	14°54	28°34	8°37	2° 8	1°32	11°19	8°50	8°58	18°19	n.a.	W12
T 13	10 37 12	11°12'29	16°40	10°58	7°43	15°40	28°42	8°36	2°10	1°31	11°19	8°49	8°55	18°26	n.a.	T 13
F 14	10 41 9	12°10'47	29°20	13° 5	8°57	16°26	28°51	8°35	2°12	1°30	11°19	8°49	8°52	18°32	n.a.	F 14
S 15	10 45 6	13° 9'04	11♏44	15°13	10°11	17°12	28°59	8°33	2°13	1°29	11°20	8°48	8°49	18°39	n.a.	S 15
S 16	10 49 2	14° 7'20	23°53	17°21	11°25	17°58	29° 7	8°32	2°15	1°28	11°20	8°48	8°46	18°46	n.a.	S 16
M17	10 52 59	15° 5'33	5♐53	19°29	12°39	18°44	29°15	8°30	2°16	1°27	11°20	8°48	8°43	18°53	n.a.	M17
T 18	10 56 55	16° 3'46	17°47	21°36	13°53	19°29	29°23	8°28	2°18	1°25	11°20	8°D48	8°39	18°59	n.a.	T 18
W19	11 0 52	17° 1'56	29°40	23°44	15° 7	20°15	29°31	8°26	2°19	1°24	11°20	8°48	8°36	19° 6	n.a.	W19
T 20	11 4 48	18° 0'05	11♑37	25°50	16°21	21° 1	29°38	8°24	2°21	1°23	11°21	8°48	8°33	19°13	n.a.	T 20
F 21	11 8 45	18°58'12	23°42	27°56	17°35	21°46	29°46	8°22	2°22	1°22	11°21	8°49	8°30	19°20	n.a.	F 21
S 22	11 12 41	19°56'18	5♒59	0♈ 0	18°49	22°32	29°53	8°20	2°24	1°21	11°21	8°50	8°27	19°26	n.a.	S 22
S 23	11 16 38	20°54'21	18°32	2° 3	20° 3	23°18	29°59	8°18	2°25	1°20	11°21	8°51	8°24	19°33	n.a.	S 23
M24	11 20 34	21°52'24	1♓21	4° 3	21°16	24° 3	0♑ 7	8°16	2°26	1°19	11°R21	8°52	8°20	19°40	n.a.	M24
T 25	11 24 31	22°50'24	14°30	6° 2	22°30	24°49	0°14	8°14	2°27	1°19	11°21	8°R52	8°17	19°46	n.a.	T 25
W26	11 28 28	23°48'23	27°57	7°58	23°44	25°34	0°20	8°11	2°29	1°18	11°21	8°51	8°14	19°53	n.a.	W26
T 27	11 32 24	24°46'20	11♈41	9°51	24°58	26°19	0°27	8° 9	2°30	1°17	11°21	8°50	8°11	20° 0	n.a.	T 27
F 28	11 36 21	25°44'15	25°39	11°41	26°12	27° 5	0°33	8° 6	2°31	1°16	11°21	8°48	8° 8	20° 7	n.a.	F 28
S 29	11 40 17	26°42'08	9♉47	13°28	27°26	27°50	0°39	8° 3	2°32	1°15	11°21	8°45	8° 4	20°13	n.a.	S 29
S 30	11 44 14	27°40'00	24° 2	15°12	28°40	28°35	0°45	8° 1	2°33	1°14	11°20	8°43	8° 1	20°20	n.a.	S 30
M31	11 48 10	28♓37'50	8♊20	16♈53	29♓53	29♒20	0♑51	7♏58	2♑34	1♌14	11♐20	8♓41	7♓58	20♐27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s50	15n14	4n 5	17s57	2s 4	15s27	1s25	20s 6	1s 9	24s 0	0s12	12s39	2n 8	24s14	0s24	21n 0	0n55	23s 7	0s37	8s23	8s 7	28s17		n.a.
S 2	11 29	20 36	4 46	17 19	2 1	15 2	1 25	19 54	1 9	24 1	0 12	12 38	2 8	24 14	0 24	21 0	0 55	23 7	0 38	8 23	8 8	28 17		n.a.
M 3	11 8	24 55	5 10	16 39	1 58	14 37	1 25	19 42	1 10	24 1	0 13	12 38	2 8	24 14	0 24	21 0	0 55	23 7	0 38	8 23	8 9	28 18		n.a.
T 4	10 47	27 46	5 16	15 57	1 53	14 11	1 25	19 29	1 10	24 1	0 13	12 38	2 8	24 14	0 24	21 1	0 55	23 7	0 38	8 23	8 11	28 18		n.a.
W 5	10 25	28 49	5 3	15 13	1 49	13 45	1 25	19 17	1 10	24 2	0 13	12 37	2 8	24 14	0 24	21 1	0 55	23 8	0 38	8 23	8 12	28 19		n.a.
T 6	10 4	27 56	4 31	14 28	1 43	13 19	1 25	19 4	1 10	24 2	0 13	12 37	2 8	24 14	0 24	21 1	0 55	23 8	0 38	8 23	8 13	28 19		n.a.
F 7	9 42	25 12	3 41	13 40	1 38	12 52	1 25	18 52	1 10	24 2	0 13	12 37	2 9	24 14	0 24	21 1	0 55	23 8	0 38	8 23	8 14	28 20		n.a.
S 8	9 20	20 55	2 39	12 51	1 31	12 25	1 24	18 39	1 10	24 3	0 13	12 36	2 9	24 14	0 24	21 2	0 55	23 8	0 38	8 24	8 15	28 20		n.a.
S 9	8 58	15 29	1 27	12 1	1 24	11 57	1 24	18 26	1 10	24 3	0 14	12 36	2 9	24 14	0 24	21 2	0 55	23 8	0 38	8 24	8 17	28 21		n.a.
M10	8 36	9 20	0 11	11 8	1 17	11 30	1 24	18 12	1 10	24 3	0 14	12 35	2 9	24 14	0 24	21 2	0 55	23 9	0 38	8 24	8 18	28 21		n.a.
T 11	8 14	2 53	1s 4	10 14	1 9	11 2	1 23	17 59	1 10	24 4	0 14	12 35	2 9	24 14	0 24	21 3	0 55	23 9	0 39	8 24	8 19	28 22		n.a.
W12	7 51	3s32	2 14	9 19	1 1	10 33	1 23	17 45	1 10	24 4	0 14	12 34	2 9	24 14	0 24	21 3	0 55	23 9	0 39	8 24	8 20	28 22		n.a.
T 13	7 29	9 39	3 15	8 22	0 52	10 5	1 22	17 31	1 10	24 4	0 14	12 34	2 9	24 14	0 24	21 3	0 55	23 9	0 39	8 24	8 21	28 23		n.a.
F 14	7 6	15 13	4 5	7 24	0 42	9 36	1 21	17 17	1 10	24 4	0 14	12 33	2 10	24 14	0 24	21 3	0 55	23 9	0 39	8 24	8 23	28 23		n.a.
S 15	6 44	20 4	4 42	6 25	0 32	9 7	1 21	17 3	1 10	24 5	0 15	12 33	2 10	24 14	0 24	21 4	0 55	23 9	0 39	8 24	8 24	28 24		n.a.
S 16	6 21	23 59	5 6	5 25	0 22	8 38	1 20	16 49	1 10	24 5	0 15	12 32	2 10	24 14	0 24	21 4	0 55	23 9	0 39	8 24	8 25	28 24		n.a.
M17	5 58	26 50	5 16	4 25	0 12	8 8	1 19	16 35	1 11	24 5	0 15	12 31	2 10	24 14	0 24	21 4	0 55	23 10	0 39	8 24	8 26	28 25		n.a.
T 18	5 35	28 27	5 13	3 24	0 1	7 38	1 18	16 20	1 11	24 5	0 15	12 31	2 10	24 14	0 24	21 4	0 55	23 10	0 39	8 24	8 28	28 25		n.a.
W19	5 12	28 46	4 56	2 23	0n10	7 8	1 17	16 5	1 11	24 6	0 15	12 30	2 10	24 14	0 24	21 5	0 55	23 10	0 39	8 24	8 29	28 25		n.a.
T 20	4 49	27 44	4 26	1 22	0 21	6 38	1 16	15 51	1 11	24 6	0 15	12 29	2 10	24 14	0 24	21 5	0 55	23 10	0 40	8 24	8 30	28 26		n.a.
F 21	4 26	25 24	3 45	0 21	0 32	6 8	1 15	15 36	1 11	24 6	0 16	12 28	2 10	24 14	0 24	21 5	0 55	23 10	0 40	8 24	8 31	28 26		n.a.
S 22	4 3	21 52	2 52	0n39	0 43	5 38	1 14	15 20	1 11	24 6	0 16	12 28	2 11	24 14	0 25	21 5	0 55	23 10	0 40	8 23	8 32	28 27		n.a.
S 23	3 40	17 16	1 50	1 38	0 53	5 7	1 13	15 5	1 10	24 6	0 16	12 27	2 11	24 14	0 25	21 5	0 55	23 10	0 40	8 23	8 34	28 27		n.a.
M24	3 17	11 49	0 41	2 37	1 4	4 36	1 11	14 50	1 10	24 6	0 16	12 26	2 11	24 14	0 25	21 6	0 55	23 11	0 40	8 23	8 35	28 27		n.a.
T 25	2 53	5 43	0n31	3 34	1 14	4 5	1 10	14 34	1 10	24 7	0 16	12 25	2 11	24 14	0 25	21 6	0 55	23 11	0 40	8 23	8 36	28 28		n.a.
W26	2 30	0n45	1 43	4 30	1 25	3 35	1 9	14 19	1 10	24 7	0 16	12 24	2 11	24 14	0 25	21 6	0 55	23 11	0 40	8 23	8 37	28 28		n.a.
T 27	2 7	7 19	2 51	5 24	1 34	3 3	1 7	14 3	1 10	24 7	0 17	12 23	2 11	24 14	0 25	21 6	0 55	23 11	0 40	8 24	8 38	28 29		n.a.
F 28	1 43	13 38	3 50	6 17	1 43	2 32	1 6	13 47	1 10	24 7	0 17	12 22	2 11	24 14	0 25	21 6	0 55	23 11	0 40	8 24	8 40	28 29		n.a.
S 29	1 20	19 20	4 36	7 7	1 52	2 1	1 4	13 31	1 10	24 7	0 17	12 21	2 11	24 14	0 25	21 7	0 55	23 11	0 41	8 25	8 41	28 29		n.a.
S 30	0 57	24 0	5 4	7 56	2 0	1 30	1 3	13 15	1 10	24 7	0 17	12 20	2 11	24 14	0 25	21 7	0 55	23 11	0 41	8 26	8 42	28 30		n.a.
M31	0s33	27n14	5n15	8n42	2n 8	0s59	1s 1	12s59	1s10	24s 8	0s17	12s19	2n12	24s14	0s25	21n 7	0n55	23s11	0s41	8s27	8s43	28s30		n.a.

Julian Day Number = 1285008.5, Delta T = 08h04m34s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°34'02, Lahiri = -20°27'02 Julian Calendar 1 March 1195 BCE == Greg. Calendar 18 Feb. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

APRIL 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 7	29♓35'38	22♊36	18♈30	1♈ 7	0♓ 6	0♑57	7°R55	2♑34	1°R13	11°R20	8°R41	7♓55	20♐33	n.a.	T 1
W 2	11 56 3	0♈33'24	6♋49	20° 3	2°21	0°51	1° 3	7♏52	2°35	1♌12	11♐20	8°D40	7°52	20°40	n.a.	W 2
T 3	12 0 0	1°31'08	20°55	21°33	3°35	1°36	1° 8	7°49	2°36	1°12	11°20	8♓41	7°49	20°47	n.a.	T 3
F 4	12 3 57	2°28'50	4♌54	22°59	4°49	2°21	1°13	7°46	2°37	1°11	11°19	8°43	7°45	20°54	n.a.	F 4
S 5	12 7 53	3°26'30	18°43	24°21	6° 2	3° 6	1°18	7°43	2°37	1°10	11°19	8°44	7°42	21° 0	n.a.	S 5
S 6	12 11 50	4°24'09	2♍22	25°40	7°16	3°50	1°23	7°39	2°38	1°10	11°19	8°R45	7°39	21° 7	n.a.	S 6
M 7	12 15 46	5°21'46	15°49	26°54	8°30	4°35	1°28	7°36	2°39	1° 9	11°18	8°45	7°36	21°14	n.a.	M 7
T 8	12 19 43	6°19'21	29° 3	28° 5	9°44	5°20	1°32	7°33	2°39	1° 9	11°18	8°44	7°33	21°20	n.a.	T 8
W 9	12 23 39	7°16'55	12♎ 4	29°11	10°57	6° 5	1°37	7°29	2°40	1° 8	11°17	8°41	7°30	21°27	n.a.	W 9
T 10	12 27 36	8°14'28	24°50	0♏14	12°11	6°49	1°41	7°26	2°40	1° 8	11°17	8°37	7°26	21°34	n.a.	T 10
F 11	12 31 32	9°11'59	7♏23	1°12	13°25	7°34	1°45	7°22	2°41	1° 8	11°16	8°32	7°23	21°41	n.a.	F 11
S 12	12 35 29	10° 9'29	19°42	2° 6	14°39	8°19	1°49	7°19	2°41	1° 7	11°16	8°27	7°20	21°47	n.a.	S 12
S 13	12 39 26	11° 6'59	1♐50	2°56	15°52	9° 3	1°53	7°15	2°41	1° 7	11°15	8°22	7°17	21°54	n.a.	S 13
M14	12 43 22	12° 4'27	13°49	3°41	17° 6	9°48	1°56	7°11	2°41	1° 6	11°15	8°17	7°14	22° 1	n.a.	M14
T 15	12 47 19	13° 1'54	25°43	4°23	18°20	10°32	2° 0	7° 8	2°42	1° 6	11°14	8°14	7°10	22° 8	n.a.	T 15
W16	12 51 15	13°59'20	7♑35	4°59	19°33	11°16	2° 3	7° 4	2°42	1° 6	11°14	8°13	7° 7	22°14	n.a.	W16
T 17	12 55 12	14°56'45	19°32	5°31	20°47	12° 1	2° 6	7° 0	2°42	1° 6	11°13	8°D13	7° 4	22°21	n.a.	T 17
F 18	12 59 8	15°54'09	1♒36	5°59	22° 1	12°45	2° 8	6°56	2°R42	1° 6	11°12	8°14	7° 1	22°28	n.a.	F 18
S 19	13 3 5	16°51'33	13°54	6°22	23°14	13°29	2°11	6°52	2°42	1° 5	11°12	8°15	6°58	22°34	n.a.	S 19
S 20	13 7 1	17°48'55	26°29	6°40	24°28	14°13	2°14	6°48	2°42	1° 5	11°11	8°17	6°55	22°41	n.a.	S 20
M21	13 10 58	18°46'17	9♓26	6°53	25°42	14°57	2°16	6°44	2°42	1° 5	11°10	8°R17	6°51	22°48	n.a.	M21
T 22	13 14 55	19°43'37	22°45	7° 2	26°55	15°41	2°18	6°40	2°42	1° 5	11°10	8°16	6°48	22°55	n.a.	T 22
W23	13 18 51	20°40'57	6♈29	7°R 6	28° 9	16°25	2°20	6°36	2°41	1°D 5	11° 9	8°13	6°45	23° 1	n.a.	W23
T 24	13 22 48	21°38'16	20°35	7° 6	29°23	17° 9	2°21	6°32	2°41	1° 5	11° 8	8° 9	6°42	23° 8	n.a.	T 24
F 25	13 26 44	22°35'34	5♉ 0	7° 1	0♉36	17°53	2°23	6°28	2°41	1° 5	11° 7	8° 3	6°39	23°15	n.a.	F 25
S 26	13 30 41	23°32'52	19°36	6°52	1°50	18°37	2°24	6°23	2°40	1° 5	11° 6	7°56	6°35	23°21	n.a.	S 26
S 27	13 34 37	24°30'08	4♊17	6°39	3° 3	19°20	2°25	6°19	2°40	1° 5	11° 5	7°49	6°32	23°28	n.a.	S 27
M28	13 38 34	25°27'23	18°56	6°21	4°17	20° 4	2°26	6°15	2°40	1° 5	11° 4	7°43	6°29	23°35	n.a.	M28
T 29	13 42 30	26°24'37	3♋26	6° 1	5°31	20°48	2°27	6°11	2°39	1° 6	11° 4	7°39	6°26	23°42	n.a.	T 29
W30	13 46 27	27♈21'50	17♋44	5♉37	6♉44	21♓31	2♑28	6♏ 6	2♑39	1♌ 6	11♐ 3	7♓37	6♓23	23♐48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s10	28n43	5n 5	9n26	2n14	0s27	1s 0	12s43	1s10	24s 8	0s18	12s18	2n12	24s14	0s25	21n 7	0n55	23s11	0s41	8s27	8s44	28s30		n.a.
W 2	0n14	28 17	4 38	10 8	2 21	0n 4	0 58	12 27	1 10	24 8	0 18	12 17	2 12	24 14	0 25	21 7	0 55	23 11	0 41	8 27	8 46	28 31		n.a.
T 3	0 37	26 1	3 53	10 47	2 26	0 35	0 56	12 10	1 10	24 8	0 18	12 16	2 12	24 14	0 25	21 7	0 55	23 11	0 41	8 27	8 47	28 31		n.a.
F 4	1 0	22 12	2 55	11 24	2 31	1 7	0 54	11 54	1 10	24 8	0 18	12 15	2 12	24 14	0 25	21 7	0 55	23 12	0 41	8 26	8 48	28 31		n.a.
S 5	1 23	17 10	1 48	11 59	2 34	1 38	0 53	11 37	1 10	24 8	0 18	12 14	2 12	24 14	0 25	21 8	0 55	23 12	0 41	8 26	8 49	28 31		n.a.
S 6	1 47	11 21	0 35	12 31	2 37	2 10	0 51	11 20	1 9	24 8	0 19	12 13	2 12	24 14	0 25	21 8	0 55	23 12	0 41	8 25	8 50	28 32		n.a.
M 7	2 10	5 6	0s39	13 1	2 40	2 41	0 49	11 4	1 9	24 9	0 19	12 12	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 25	8 52	28 32		n.a.
T 8	2 33	1s17	1 49	13 28	2 41	3 12	0 47	10 47	1 9	24 9	0 19	12 11	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 26	8 53	28 32		n.a.
W 9	2 56	7 29	2 52	13 52	2 41	3 43	0 45	10 30	1 9	24 9	0 19	12 9	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 27	8 54	28 32		n.a.
T 10	3 19	13 16	3 46	14 15	2 41	4 14	0 43	10 13	1 9	24 9	0 19	12 8	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 29	8 55	28 33		n.a.
F 11	3 42	18 24	4 27	14 34	2 39	4 45	0 41	9 56	1 9	24 9	0 20	12 7	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 30	8 56	28 33		n.a.
S 12	4 5	22 41	4 55	14 51	2 37	5 16	0 39	9 39	1 9	24 9	0 20	12 6	2 12	24 14	0 25	21 8	0 55	23 12	0 42	8 32	8 58	28 33		n.a.
S 13	4 28	25 55	5 9	15 6	2 34	5 47	0 37	9 22	1 8	24 9	0 20	12 5	2 13	24 14	0 25	21 8	0 55	23 12	0 42	8 34	8 59	28 33		n.a.
M14	4 51	27 58	5 10	15 18	2 30	6 18	0 34	9 4	1 8	24 10	0 20	12 3	2 13	24 14	0 25	21 8	0 55	23 12	0 42	8 36	9 0	28 34		n.a.
T 15	5 14	28 43	4 57	15 27	2 24	6 48	0 32	8 47	1 8	24 10	0 20	12 2	2 13	24 14	0 25	21 8	0 55	23 12	0 42	8 37	9 1	28 34		n.a.
W16	5 36	28 8	4 32	15 34	2 18	7 19	0 30	8 30	1 8	24 10	0 21	12 1	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 38	9 2	28 34		n.a.
T 17	5 59	26 15	3 54	15 38	2 11	7 49	0 28	8 13	1 8	24 10	0 21	11 59	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 38	9 4	28 34		n.a.
F 18	6 21	23 9	3 6	15 40	2 3	8 19	0 26	7 55	1 7	24 10	0 21	11 58	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 37	9 5	28 34		n.a.
S 19	6 44	18 59	2 9	15 39	1 54	8 49	0 23	7 38	1 7	24 10	0 21	11 57	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 37	9 6	28 35		n.a.
S 20	7 6	13 53	1 4	15 36	1 44	9 19	0 21	7 20	1 7	24 11	0 21	11 55	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 36	9 7	28 35		n.a.
M21	7 28	8 4	0n 6	15 30	1 33	9 48	0 19	7 3	1 7	24 11	0 22	11 54	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 36	9 8	28 35		n.a.
T 22	7 50	1 44	1 18	15 22	1 21	10 17	0 16	6 45	1 7	24 11	0 22	11 53	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 36	9 10	28 35		n.a.
W23	8 12	4n51	2 27	15 11	1 8	10 46	0 14	6 28	1 6	24 11	0 22	11 51	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 37	9 11	28 35		n.a.
T 24	8 34	11 23	3 28	14 58	0 55	11 15	0 12	6 10	1 6	24 11	0 22	11 50	2 13	24 14	0 25	21 8	0 55	23 12	0 43	8 39	9 12	28 35		n.a.
F 25	8 56	17 27	4 18	14 43	0 40	11 44	0 9	5 52	1 6	24 11	0 22	11 49	2 13	24 14	0 25	21 8	0 55	23 12	0 44	8 41	9 13	28 35		n.a.
S 26	9 18	22 36	4 52	14 26	0 25	12 12	0 7	5 35	1 6	24 12	0 23	11 47	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 44	9 14	28 35		n.a.
S 27	9 39	26 22	5 7	14 7	0 10	12 40	0 5	5 17	1 5	24 12	0 23	11 46	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 47	9 16	28 36		n.a.
M28	10 0	28 23	5 2	13 46	0s 7	13 8	0 2	4 59	1 5	24 12	0 23	11 44	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 49	9 17	28 36		n.a.
T 29	10 21	28 25	4 37	13 23	0 23	13 35	0n 0	4 42	1 5	24 12	0 23	11 43	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 50	9 18	28 36		n.a.
W30	10n42	26n32	3n56	12n59	0s40	14n 2	0n 3	4s24	1s 4	24s12	0s23	11s42	2n13	24s14	0s26	21n 8	0n55	23s12	0s44	8s51	9s19	28s36		n.a.

Julian Day Number = 1285039.5, Delta T = 08h04m32s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'58, Lahiri = -20°26'58 Julian Calendar 1 Apr. 1195 BCE == Greg. Calendar 21 March 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

MAY 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 24	28♈19'02	1♌46	5°R10	7♉58	22♓15	2♏28	6°R 2	2°R38	1♌ 6	11°R 2	7°D37	6♓20	23♐55	n.a.	T 1
F 2	13 54 20	29°16'13	15°33	4♉40	9°11	22°58	2°R28	5♏58	2♏37	1° 6	11♐ 1	7♓38	6°16	24° 2	n.a.	F 2
S 3	13 58 17	0♉13'23	29° 5	4° 9	10°25	23°41	2°28	5°53	2°37	1° 7	11° 0	7°39	6°13	24° 8	n.a.	S 3
S 4	14 2 13	1°10'32	12♍22	3°36	11°39	24°25	2°28	5°49	2°36	1° 7	10°59	7°R39	6°10	24°15	n.a.	S 4
M 5	14 6 10	2° 7'40	25°27	3° 3	12°52	25° 8	2°27	5°45	2°35	1° 7	10°58	7°37	6° 7	24°22	n.a.	M 5
T 6	14 10 6	3° 4'47	8♎20	2°29	14° 6	25°51	2°27	5°40	2°34	1° 8	10°57	7°34	6° 4	24°29	n.a.	T 6
W 7	14 14 3	4° 1'54	21° 1	1°55	15°19	26°34	2°26	5°36	2°34	1° 8	10°56	7°27	6° 1	24°35	n.a.	W 7
T 8	14 17 59	4°59'00	3♏32	1°22	16°33	27°17	2°25	5°31	2°33	1° 8	10°54	7°19	5°57	24°42	n.a.	T 8
F 9	14 21 56	5°56'06	15°53	0°51	17°46	28° 0	2°24	5°27	2°32	1° 9	10°53	7° 9	5°54	24°49	n.a.	F 9
S 10	14 25 53	6°53'11	28° 4	0°22	19° 0	28°43	2°23	5°23	2°31	1°10	10°52	6°58	5°51	24°55	n.a.	S 10
S 11	14 29 49	7°50'16	10♐ 6	29♈55	20°13	29°26	2°21	5°18	2°30	1°10	10°51	6°48	5°48	25° 2	n.a.	S 11
M12	14 33 46	8°47'21	22° 3	29°31	21°27	0♈ 9	2°19	5°14	2°29	1°11	10°50	6°38	5°45	25° 9	n.a.	M12
T 13	14 37 42	9°44'26	3♑55	29°11	22°40	0°51	2°17	5°10	2°28	1°11	10°49	6°30	5°41	25°16	n.a.	T 13
W14	14 41 39	10°41'30	15°46	28°54	23°54	1°34	2°15	5° 5	2°26	1°12	10°48	6°25	5°38	25°22	n.a.	W14
T 15	14 45 35	11°38'35	27°40	28°41	25° 7	2°17	2°13	5° 1	2°25	1°13	10°46	6°22	5°35	25°29	n.a.	T 15
F 16	14 49 32	12°35'39	9♒43	28°33	26°21	2°59	2°11	4°57	2°24	1°13	10°45	6°D21	5°32	25°36	n.a.	F 16
S 17	14 53 29	13°32'44	21°58	28°D29	27°34	3°42	2° 8	4°52	2°23	1°14	10°44	6°21	5°29	25°42	n.a.	S 17
S 18	14 57 25	14°29'48	4♓32	28°29	28°48	4°24	2° 5	4°48	2°21	1°15	10°43	6°R22	5°26	25°49	n.a.	S 18
M19	15 1 22	15°26'53	17°28	28°34	0♊ 1	5° 6	2° 2	4°44	2°20	1°16	10°41	6°21	5°22	25°56	n.a.	M19
T 20	15 5 18	16°23'58	0♈51	28°44	1°15	5°49	1°59	4°39	2°19	1°16	10°40	6°19	5°19	26° 3	n.a.	T 20
W21	15 9 15	17°21'02	14°42	28°59	2°28	6°31	1°55	4°35	2°17	1°17	10°39	6°14	5°16	26° 9	n.a.	W21
T 22	15 13 11	18°18'08	29° 0	29°19	3°41	7°13	1°52	4°31	2°16	1°18	10°37	6° 7	5°13	26°16	n.a.	T 22
F 23	15 17 8	19°15'13	13♉42	29°43	4°55	7°55	1°48	4°27	2°14	1°19	10°36	5°58	5°10	26°23	n.a.	F 23
S 24	15 21 4	20°12'18	28°39	0♉12	6° 8	8°37	1°44	4°23	2°13	1°20	10°35	5°48	5° 7	26°29	n.a.	S 24
S 25	15 25 1	21° 9'24	13♊43	0°46	7°22	9°19	1°40	4°19	2°11	1°21	10°33	5°38	5° 3	26°36	n.a.	S 25
M26	15 28 58	22° 6'29	28°44	1°25	8°35	10° 1	1°36	4°14	2° 9	1°22	10°32	5°29	5° 0	26°43	n.a.	M26
T 27	15 32 54	23° 3'35	13♋33	2° 9	9°49	10°43	1°31	4°10	2° 8	1°23	10°31	5°22	4°57	26°50	n.a.	T 27
W28	15 36 51	24° 0'40	28° 4	2°57	11° 2	11°24	1°27	4° 6	2° 6	1°24	10°29	5°18	4°54	26°56	n.a.	W28
T 29	15 40 47	24°57'45	12♌12	3°49	12°15	12° 6	1°22	4° 2	2° 4	1°25	10°28	5°16	4°51	27° 3	n.a.	T 29
F 30	15 44 44	25°54'50	25°58	4°46	13°29	12°48	1°17	3°59	2° 3	1°26	10°27	5°D15	4°47	27°10	n.a.	F 30
S 31	15 48 40	26♉51'55	9♍23	5♉48	14♊42	13♈29	1♑12	3♏55	2♑ 1	1♌27	10♐25	5°R15	4♓44	27♐16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n 3	23n 2	3n 1	12n34	0s57	14n29	0n 5	4s 6	1s 4	24s13	0s24	11s40	2n13	24s14	0s26	21n 8	0n55	23s12	0s44	8s51	9s20	28s36			n.a.
F 2	11 24	18 17	1 56	12 8	1 14	14 55	0 7	3 49	1 4	24 13	0 24	11 39	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 51	9 22	28 36			n.a.
S 3	11 44	12 42	0 46	11 42	1 31	15 21	0 10	3 31	1 3	24 13	0 24	11 37	2 13	24 14	0 26	21 8	0 55	23 12	0 44	8 51	9 23	28 36			n.a.
S 4	12 5	6 38	0s25	11 15	1 47	15 46	0 12	3 13	1 3	24 13	0 24	11 36	2 13	24 15	0 26	21 8	0 55	23 12	0 45	8 51	9 24	28 36			n.a.
M 5	12 25	0 24	1 34	10 48	2 3	16 12	0 15	2 55	1 3	24 14	0 25	11 34	2 13	24 15	0 26	21 8	0 55	23 12	0 45	8 51	9 25	28 36			n.a.
T 6	12 45	5s45	2 37	10 22	2 18	16 36	0 17	2 38	1 3	24 14	0 25	11 33	2 13	24 15	0 26	21 8	0 54	23 12	0 45	8 53	9 26	28 36			n.a.
W 7	13 4	11 34	3 30	9 57	2 33	17 1	0 19	2 20	1 2	24 14	0 25	11 32	2 13	24 15	0 26	21 7	0 54	23 12	0 45	8 55	9 28	28 36			n.a.
T 8	13 24	16 51	4 13	9 33	2 47	17 25	0 22	2 2	1 2	24 14	0 25	11 30	2 13	24 15	0 26	21 7	0 54	23 12	0 45	8 58	9 29	28 36			n.a.
F 9	13 43	21 22	4 43	9 10	3 0	17 48	0 24	1 45	1 2	24 14	0 25	11 29	2 12	24 15	0 26	21 7	0 54	23 12	0 45	9 2	9 30	28 36			n.a.
S 10	14 2	24 55	5 0	8 49	3 11	18 11	0 27	1 27	1 1	24 15	0 26	11 27	2 12	24 15	0 26	21 7	0 54	23 12	0 45	9 6	9 31	28 36			n.a.
S 11	14 21	27 20	5 3	8 29	3 22	18 34	0 29	1 9	1 1	24 15	0 26	11 26	2 12	24 15	0 26	21 7	0 54	23 12	0 45	9 10	9 32	28 36			n.a.
M12	14 40	28 28	4 53	8 12	3 31	18 56	0 31	0 52	1 0	24 15	0 26	11 24	2 12	24 15	0 26	21 7	0 54	23 11	0 45	9 13	9 33	28 36			n.a.
T 13	14 58	28 17	4 30	7 57	3 39	19 17	0 34	0 34	1 0	24 15	0 26	11 23	2 12	24 15	0 26	21 7	0 54	23 11	0 46	9 16	9 35	28 36			n.a.
W14	15 17	26 47	3 55	7 45	3 46	19 38	0 36	0 17	1 0	24 16	0 27	11 22	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 18	9 36	28 36			n.a.
T 15	15 35	24 5	3 11	7 36	3 51	19 59	0 38	0n 1	0 59	24 16	0 27	11 20	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 19	9 37	28 36			n.a.
F 16	15 52	20 18	2 17	7 29	3 55	20 19	0 41	0 18	0 59	24 16	0 27	11 19	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 20	9 38	28 36			n.a.
S 17	16 10	15 37	1 16	7 25	3 58	20 38	0 43	0 36	0 59	24 17	0 27	11 18	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 20	9 39	28 36			n.a.
S 18	16 27	10 10	0 10	7 23	4 0	20 57	0 45	0 53	0 58	24 17	0 27	11 16	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 20	9 41	28 36			n.a.
M19	16 44	4 8	0n59	7 25	4 0	21 16	0 47	1 11	0 58	24 17	0 28	11 15	2 12	24 15	0 26	21 6	0 54	23 11	0 46	9 20	9 42	28 36			n.a.
T 20	17 1	2n16	2 6	7 29	3 59	21 33	0 49	1 28	0 57	24 17	0 28	11 13	2 12	24 15	0 26	21 5	0 54	23 11	0 46	9 21	9 43	28 35			n.a.
W21	17 18	8 46	3 8	7 36	3 57	21 51	0 51	1 46	0 57	24 18	0 28	11 12	2 11	24 15	0 26	21 5	0 54	23 11	0 46	9 22	9 44	28 35			n.a.
T 22	17 34	15 3	4 1	7 46	3 54	22 7	0 54	2 3	0 56	24 18	0 28	11 11	2 11	24 15	0 26	21 5	0 54	23 11	0 46	9 25	9 45	28 35			n.a.
F 23	17 50	20 38	4 39	7 58	3 50	22 23	0 56	2 20	0 56	24 18	0 29	11 10	2 11	24 15	0 26	21 5	0 54	23 11	0 47	9 28	9 46	28 35			n.a.
S 24	18 5	25 2	4 59	8 13	3 45	22 38	0 58	2 37	0 56	24 18	0 29	11 8	2 11	24 15	0 26	21 4	0 54	23 11	0 47	9 32	9 48	28 35			n.a.
S 25	18 21	27 45	4 58	8 31	3 40	22 53	1 0	2 55	0 55	24 19	0 29	11 7	2 11	24 15	0 26	21 4	0 54	23 10	0 47	9 36	9 49	28 35			n.a.
M26	18 36	28 27	4 37	8 50	3 33	23 7	1 2	3 12	0 55	24 19	0 29	11 6	2 11	24 16	0 26	21 4	0 54	23 10	0 47	9 39	9 50	28 35			n.a.
T 27	18 51	27 4	3 57	9 12	3 26	23 20	1 4	3 29	0 54	24 19	0 29	11 4	2 11	24 16	0 26	21 4	0 54	23 10	0 47	9 42	9 51	28 35			n.a.
W28	19 5	23 53	3 3	9 37	3 17	23 33	1 5	3 46	0 54	24 20	0 30	11 3	2 11	24 16	0 26	21 4	0 54	23 10	0 47	9 43	9 52	28 34			n.a.
T 29	19 19	19 19	1 59	10 3	3 9	23 45	1 7	4 3	0 53	24 20	0 30	11 2	2 10	24 16	0 26	21 3	0 54	23 10	0 47	9 44	9 54	28 34			n.a.
F 30	19 33	13 50	0 49	10 31	2 59	23 56	1 9	4 20	0 53	24 20	0 30	11 1	2 10	24 16	0 26	21 3	0 54	23 10	0 47	9 44	9 55	28 34			n.a.
S 31	19n47	7n51	0s22	11n 1	2s49	24n 7	1n11	4n36	0s52	24s20	0s30	11s 0	2n10	24s16	0s26	21n 3	0n54	23s10	0s47	9s44	9s56	28s34			n.a.

Julian Day Number = 1285069.5, Delta T = 08h04m30s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'54, Lahiri = -20°26'53 Julian Calendar 1 May 1195 BCE == Greg. Calendar 20 Apr. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

JUNE 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 37	27♉49'00	22♍29	6♉54	15♊56	14♈11	1°R 7	3°R51	1°R59	1♎29	10°R24	5°R15	4♓41	27♐23	n.a.	S 1
M 2	15 56 34	28°46'05	5♎19	8° 4	17° 9	14°52	1♋ 2	3♏47	1♋57	1°30	10♐22	5♓12	4°38	27°30	n.a.	M 2
T 3	16 0 30	29°43'10	17°56	9°19	18°22	15°33	0°56	3°43	1°55	1°31	10°21	5° 7	4°35	27°37	n.a.	T 3
W 4	16 4 27	0♊40'15	0♏21	10°38	19°36	16°14	0°51	3°40	1°53	1°32	10°20	4°59	4°32	27°43	n.a.	W 4
T 5	16 8 23	1°37'21	12°38	12° 1	20°49	16°56	0°45	3°36	1°51	1°34	10°18	4°48	4°28	27°50	n.a.	T 5
F 6	16 12 20	2°34'27	24°47	13°28	22° 2	17°37	0°39	3°33	1°49	1°35	10°17	4°35	4°25	27°57	n.a.	F 6
S 7	16 16 16	3°31'34	6♐49	14°59	23°16	18°18	0°33	3°29	1°47	1°36	10°15	4°22	4°22	28° 3	n.a.	S 7
S 8	16 20 13	4°28'41	18°46	16°34	24°29	18°59	0°27	3°26	1°45	1°38	10°14	4° 8	4°19	28°10	n.a.	S 8
M 9	16 24 9	5°25'49	0♋39	18°12	25°42	19°39	0°20	3°22	1°43	1°39	10°12	3°56	4°16	28°17	n.a.	M 9
T 10	16 28 6	6°22'58	12°29	19°54	26°56	20°20	0°14	3°19	1°41	1°40	10°11	3°46	4°13	28°24	n.a.	T 10
W11	16 32 3	7°20'07	24°20	21°40	28° 9	21° 1	0° 7	3°16	1°39	1°42	10° 9	3°38	4° 9	28°30	n.a.	W11
T 12	16 35 59	8°17'18	6♒15	23°29	29°22	21°42	0° 1	3°12	1°37	1°43	10° 8	3°34	4° 6	28°37	n.a.	T 12
F 13	16 39 56	9°14'29	18°17	25°21	0♌35	22°22	29♐54	3° 9	1°35	1°45	10° 7	3°31	4° 3	28°44	n.a.	F 13
S 14	16 43 52	10°11'41	0♓31	27°16	1°49	23° 3	29°47	3° 6	1°33	1°46	10° 5	3°D31	4° 0	28°50	n.a.	S 14
S 15	16 47 49	11° 8'54	13° 2	29°13	3° 2	23°43	29°40	3° 3	1°31	1°48	10° 4	3°R31	3°57	28°57	n.a.	S 15
M16	16 51 45	12° 6'08	25°55	1♊12	4°15	24°24	29°33	3° 0	1°28	1°50	10° 2	3°30	3°53	29° 4	n.a.	M16
T 17	16 55 42	13° 3'24	9♈14	3°13	5°28	25° 4	29°26	2°57	1°26	1°51	10° 1	3°28	3°50	29°11	n.a.	T 17
W18	16 59 39	14° 0'40	23° 2	5°16	6°42	25°44	29°19	2°55	1°24	1°53	9°59	3°24	3°47	29°17	n.a.	W18
T 19	17 3 35	14°57'58	7♉20	7°20	7°55	26°24	29°11	2°52	1°22	1°54	9°58	3°17	3°44	29°24	n.a.	T 19
F 20	17 7 32	15°55'17	22° 5	9°25	9° 8	27° 4	29° 4	2°49	1°19	1°56	9°56	3° 8	3°41	29°31	n.a.	F 20
S 21	17 11 28	16°52'37	7♊10	11°31	10°21	27°44	28°57	2°47	1°17	1°58	9°55	2°58	3°38	29°37	n.a.	S 21
S 22	17 15 25	17°49'58	22°26	13°37	11°35	28°24	28°49	2°44	1°15	1°59	9°54	2°47	3°34	29°44	n.a.	S 22
M23	17 19 21	18°47'20	7♌41	15°43	12°48	29° 4	28°42	2°42	1°13	2° 1	9°52	2°38	3°31	29°51	n.a.	M23
T 24	17 23 18	19°44'43	22°46	17°49	14° 1	29°44	28°34	2°40	1°10	2° 3	9°51	2°31	3°28	29°58	n.a.	T 24
W25	17 27 14	20°42'07	7♎30	19°54	15°14	0♉23	28°26	2°37	1° 8	2° 5	9°49	2°27	3°25	0♋ 4	n.a.	W25
T 26	17 31 11	21°39'32	21°50	21°59	16°27	1° 3	28°19	2°35	1° 6	2° 6	9°48	2°25	3°22	0°11	n.a.	T 26
F 27	17 35 8	22°36'57	5♍43	24° 2	17°40	1°43	28°11	2°33	1° 3	2° 8	9°46	2°D25	3°19	0°18	n.a.	F 27
S 28	17 39 4	23°34'24	19°11	26° 5	18°53	2°22	28° 3	2°31	1° 1	2°10	9°45	2°R25	3°15	0°24	n.a.	S 28
S 29	17 43 1	24°31'51	2♏15	28° 7	20° 7	3° 1	27°55	2°29	0°58	2°12	9°44	2°25	3°12	0°31	n.a.	S 29
M30	17 46 57	25♊29'19	14♏59	0♌ 7	21♌20	3♉41	27♐48	2♏28	0♋56	2♎14	9♐42	2♓23	3♓ 9	0♋38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 0	1n40	1s30	11n33	2s39	24n17	1n13	4n53	0s52	24s21	0s31	10s58	2n10	24s16	0s26	21n 2	0n54	23s10	0s47	9s45	9s57	28s34		n.a.
M 2	20 13	4s27	2 32	12 6	2 28	24 26	1 14	5 10	0 51	24 21	0 31	10 57	2 10	24 16	0 26	21 2	0 54	23 10	0 48	9 46	9 58	28 33		n.a.
T 3	20 26	10 17	3 25	12 41	2 16	24 35	1 16	5 26	0 51	24 21	0 31	10 56	2 10	24 16	0 26	21 2	0 54	23 10	0 48	9 48	9 59	28 33		n.a.
W 4	20 38	15 38	4 7	13 17	2 4	24 42	1 17	5 43	0 50	24 21	0 31	10 55	2 10	24 16	0 26	21 2	0 54	23 9	0 48	9 51	10 1	28 33		n.a.
T 5	20 50	20 17	4 38	13 55	1 52	24 50	1 19	5 59	0 50	24 22	0 31	10 54	2 9	24 16	0 26	21 1	0 54	23 9	0 48	9 55	10 2	28 33		n.a.
F 6	21 1	24 2	4 55	14 33	1 40	24 56	1 20	6 16	0 49	24 22	0 32	10 53	2 9	24 16	0 27	21 1	0 54	23 9	0 48	9 59	10 3	28 33		n.a.
S 7	21 13	26 43	4 59	15 12	1 28	25 1	1 22	6 32	0 49	24 22	0 32	10 52	2 9	24 16	0 27	21 1	0 54	23 9	0 48	10 4	10 4	28 32		n.a.
S 8	21 23	28 10	4 50	15 52	1 15	25 6	1 23	6 49	0 48	24 22	0 32	10 51	2 9	24 16	0 27	21 0	0 54	23 9	0 48	10 9	10 5	28 32		n.a.
M 9	21 34	28 18	4 28	16 32	1 2	25 10	1 24	7 5	0 48	24 23	0 32	10 50	2 9	24 16	0 27	21 0	0 54	23 9	0 48	10 14	10 7	28 32		n.a.
T 10	21 44	27 8	3 55	17 13	0 50	25 14	1 26	7 21	0 47	24 23	0 33	10 49	2 9	24 16	0 27	21 0	0 54	23 9	0 48	10 18	10 8	28 31		n.a.
W11	21 54	24 44	3 11	17 53	0 37	25 16	1 27	7 37	0 47	24 23	0 33	10 48	2 8	24 16	0 27	20 59	0 54	23 9	0 48	10 20	10 9	28 31		n.a.
T 12	22 3	21 16	2 19	18 33	0 25	25 18	1 28	7 53	0 46	24 23	0 33	10 47	2 8	24 16	0 27	20 59	0 54	23 8	0 49	10 22	10 10	28 31		n.a.
F 13	22 12	16 52	1 20	19 13	0 13	25 19	1 29	8 9	0 46	24 23	0 33	10 46	2 8	24 16	0 27	20 59	0 54	23 8	0 49	10 23	10 11	28 31		n.a.
S 14	22 21	11 43	0 16	19 51	0 1	25 19	1 30	8 24	0 45	24 24	0 33	10 45	2 8	24 16	0 27	20 58	0 54	23 8	0 49	10 23	10 12	28 30		n.a.
S 15	22 29	6 0	0n50	20 29	0n10	25 19	1 31	8 40	0 44	24 24	0 34	10 44	2 8	24 16	0 27	20 58	0 54	23 8	0 49	10 23	10 14	28 30		n.a.
M16	22 37	0n 7	1 56	21 6	0 22	25 18	1 32	8 56	0 44	24 24	0 34	10 44	2 7	24 17	0 27	20 57	0 54	23 8	0 49	10 23	10 15	28 30		n.a.
T 17	22 45	6 25	2 57	21 40	0 32	25 16	1 32	9 11	0 43	24 24	0 34	10 43	2 7	24 17	0 27	20 57	0 54	23 8	0 49	10 24	10 16	28 29		n.a.
W18	22 52	12 39	3 50	22 14	0 42	25 13	1 33	9 27	0 43	24 24	0 34	10 42	2 7	24 17	0 27	20 57	0 54	23 8	0 49	10 26	10 17	28 29		n.a.
T 19	22 59	18 27	4 31	22 45	0 51	25 9	1 34	9 42	0 42	24 24	0 34	10 41	2 7	24 17	0 27	20 56	0 54	23 8	0 49	10 28	10 18	28 29		n.a.
F 20	23 5	23 21	4 56	23 13	1 0	25 5	1 34	9 57	0 42	24 25	0 34	10 41	2 7	24 17	0 27	20 56	0 54	23 7	0 49	10 31	10 19	28 28		n.a.
S 21	23 11	26 48	5 0	23 40	1 8	25 0	1 35	10 12	0 41	24 25	0 35	10 40	2 6	24 17	0 27	20 56	0 54	23 7	0 49	10 35	10 21	28 28		n.a.
S 22	23 16	28 20	4 44	24 4	1 16	24 54	1 35	10 27	0 40	24 25	0 35	10 39	2 6	24 17	0 27	20 55	0 54	23 7	0 49	10 39	10 22	28 28		n.a.
M23	23 21	27 43	4 7	24 25	1 22	24 48	1 36	10 42	0 40	24 25	0 35	10 39	2 6	24 17	0 27	20 55	0 54	23 7	0 50	10 42	10 23	28 27		n.a.
T 24	23 26	25 4	3 14	24 44	1 28	24 41	1 36	10 57	0 39	24 25	0 35	10 38	2 6	24 17	0 27	20 54	0 54	23 7	0 50	10 45	10 24	28 27		n.a.
W25	23 30	20 46	2 8	25 0	1 33	24 33	1 36	11 12	0 39	24 25	0 35	10 37	2 6	24 17	0 27	20 54	0 54	23 7	0 50	10 46	10 25	28 26		n.a.
T 26	23 34	15 20	0 56	25 13	1 38	24 24	1 36	11 26	0 38	24 25	0 36	10 37	2 5	24 17	0 27	20 54	0 54	23 7	0 50	10 47	10 26	28 26		n.a.
F 27	23 38	9 18	0s18	25 23	1 41	24 15	1 36	11 41	0 37	24 25	0 36	10 36	2 5	24 17	0 27	20 53	0 54	23 7	0 50	10 47	10 28	28 26		n.a.
S 28	23 41	3 1	1 28	25 31	1 44	24 4	1 37	11 55	0 37	24 25	0 36	10 36	2 5	24 17	0 27	20 53	0 54	23 6	0 50	10 47	10 29	28 25		n.a.
S 29	23 43	3s13	2 32	25 36	1 46	23 54	1 36	12 10	0 36	24 25	0 36	10 35	2 5	24 17	0 27	20 52	0 54	23 6	0 50	10 47	10 30	28 25		n.a.
M30	23n46	9s 9	3s26	25n38	1n48	23n42	1n36	12n24	0s35	24s25	0s36	10s35	2n 4	24s17	0s27	20n52	0n54	23s 6	0s50	10s48	10s31	28s24		n.a.

Julian Day Number = 1285100.5, Delta T = 08h04m29s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'50, Lahiri = -20°26'49 Julian Calendar 1 June 1195 BCE == Greg. Calendar 21 May 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

JULY 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 54	26♊26'48	27♎27	2♋ 6	22♋33	4♉20	27°R40	2°R26	0°R54	2♏16	9°R41	2°R19	3♓ 6	0♑45	n.a.	T 1
W 2	17 54 50	27°24'19	9♏43	4° 4	23°46	4°59	27♐32	2♏24	0♑51	2°17	9♐40	2♓12	3° 3	0°51	n.a.	W 2
T 3	17 58 47	28°21'50	21°50	6° 0	24°59	5°38	27°24	2°23	0°49	2°19	9°38	2° 4	2°59	0°58	n.a.	T 3
F 4	18 2 43	29°19'23	3♐51	7°55	26°12	6°17	27°16	2°21	0°47	2°21	9°37	1°53	2°56	1° 5	n.a.	F 4
S 5	18 6 40	0♋16'57	15°46	9°49	27°25	6°56	27° 9	2°20	0°44	2°23	9°35	1°42	2°53	1°11	n.a.	S 5
S 6	18 10 37	1°14'32	27°39	11°41	28°38	7°34	27° 1	2°19	0°42	2°25	9°34	1°30	2°50	1°18	n.a.	S 6
M 7	18 14 33	2°12'09	9♑31	13°32	29°51	8°13	26°53	2°18	0°39	2°27	9°33	1°20	2°47	1°25	n.a.	M 7
T 8	18 18 30	3° 9'48	21°22	15°21	1♌ 4	8°52	26°45	2°17	0°37	2°29	9°32	1°12	2°44	1°32	n.a.	T 8
W 9	18 22 26	4° 7'27	3♒16	17° 9	2°17	9°30	26°38	2°16	0°35	2°31	9°30	1° 5	2°40	1°38	n.a.	W 9
T 10	18 26 23	5° 5'09	15°14	18°55	3°29	10° 9	26°30	2°15	0°32	2°33	9°29	1° 2	2°37	1°45	n.a.	T 10
F 11	18 30 19	6° 2'52	27°20	20°40	4°42	10°47	26°22	2°14	0°30	2°35	9°28	1°D 0	2°34	1°52	n.a.	F 11
S 12	18 34 16	7° 0'37	9♓37	22°23	5°55	11°25	26°15	2°13	0°27	2°37	9°26	1° 1	2°31	1°58	n.a.	S 12
S 13	18 38 13	7°58'23	22°10	24° 5	7° 8	12° 3	26° 7	2°13	0°25	2°39	9°25	1° 2	2°28	2° 5	n.a.	S 13
M14	18 42 9	8°56'12	5♈ 1	25°46	8°21	12°41	26° 0	2°12	0°23	2°41	9°24	1°R 3	2°25	2°12	n.a.	M14
T 15	18 46 6	9°54'02	18°16	27°25	9°34	13°19	25°52	2°12	0°20	2°43	9°23	1° 2	2°21	2°18	n.a.	T 15
W16	18 50 2	10°51'55	1♉57	29° 3	10°46	13°57	25°45	2°11	0°18	2°45	9°22	1° 0	2°18	2°25	n.a.	W16
T 17	18 53 59	11°49'49	16° 6	0♌39	11°59	14°35	25°38	2°11	0°16	2°48	9°20	0°56	2°15	2°32	n.a.	T 17
F 18	18 57 55	12°47'46	0♊41	2°15	13°12	15°13	25°31	2°11	0°13	2°50	9°19	0°51	2°12	2°39	n.a.	F 18
S 19	19 1 52	13°45'44	15°38	3°48	14°25	15°50	25°24	2°D11	0°11	2°52	9°18	0°44	2° 9	2°45	n.a.	S 19
S 20	19 5 48	14°43'44	0♋50	5°21	15°37	16°28	25°17	2°11	0° 9	2°54	9°17	0°37	2° 5	2°52	n.a.	S 20
M21	19 9 45	15°41'47	16° 5	6°52	16°50	17° 5	25°10	2°11	0° 6	2°56	9°16	0°31	2° 2	2°59	n.a.	M21
T 22	19 13 42	16°39'51	1♌13	8°22	18° 3	17°43	25° 3	2°11	0° 4	2°58	9°15	0°26	1°59	3° 5	n.a.	T 22
W23	19 17 38	17°37'56	16° 5	9°50	19°15	18°20	24°56	2°12	0° 2	3° 0	9°14	0°23	1°56	3°12	n.a.	W23
T 24	19 21 35	18°36'04	0♍34	11°17	20°28	18°57	24°50	2°12	29♐59	3° 3	9°13	0°D23	1°53	3°19	n.a.	T 24
F 25	19 25 31	19°34'12	14°37	12°43	21°40	19°34	24°43	2°13	29°57	3° 5	9°12	0°23	1°50	3°26	n.a.	F 25
S 26	19 29 28	20°32'23	28°11	14° 7	22°53	20°11	24°37	2°13	29°55	3° 7	9°11	0°25	1°46	3°32	n.a.	S 26
S 27	19 33 24	21°30'35	11♎20	15°29	24° 5	20°48	24°31	2°14	29°53	3° 9	9°10	0°26	1°43	3°39	n.a.	S 27
M28	19 37 21	22°28'49	24° 7	16°51	25°18	21°25	24°25	2°15	29°51	3°11	9° 9	0°R26	1°40	3°46	n.a.	M28
T 29	19 41 17	23°27'04	6♏34	18°10	26°30	22° 1	24°19	2°16	29°49	3°14	9° 8	0°25	1°37	3°52	n.a.	T 29
W30	19 45 14	24°25'21	18°47	19°28	27°43	22°38	24°13	2°17	29°47	3°16	9° 7	0°23	1°34	3°59	n.a.	W30
T 31	19 49 10	25♋23'40	0♐49	20♌45	28♌55	23♉14	24♐ 7	2♏18	29♐45	3♌18	9♐ 6	0♓19	1♓31	4♑ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	14s36	4s 9	25n38	1n49	23n30	1n36	12n38	0s35	24s25	0s36	10s35	2n 4	24s17	0s27	20n51	0n54	23s 6	0s50	10s49	10s32	28s24			n.a.
W 2	23 49	19 23	4 40	25 36	1 49	23 17	1 36	12 52	0 34	24 25	0 37	10 34	2 4	24 17	0 27	20 51	0 54	23 6	0 50	10 52	10 33	28 23			n.a.
T 3	23 50	23 19	4 58	25 31	1 49	23 3	1 35	13 6	0 33	24 26	0 37	10 34	2 4	24 17	0 27	20 50	0 54	23 6	0 50	10 55	10 35	28 23			n.a.
F 4	23 50	26 13	5 3	25 24	1 48	22 49	1 35	13 19	0 33	24 25	0 37	10 34	2 3	24 17	0 27	20 50	0 54	23 6	0 51	10 59	10 36	28 22			n.a.
S 5	23 50	27 56	4 54	25 15	1 47	22 34	1 35	13 33	0 32	24 25	0 37	10 34	2 3	24 17	0 27	20 50	0 54	23 6	0 51	11 3	10 37	28 22			n.a.
S 6	23 50	28 21	4 32	25 3	1 45	22 19	1 34	13 46	0 31	24 25	0 37	10 33	2 3	24 17	0 27	20 49	0 54	23 5	0 51	11 7	10 38	28 21			n.a.
M 7	23 49	27 28	3 59	24 50	1 42	22 2	1 33	14 0	0 31	24 25	0 37	10 33	2 3	24 17	0 27	20 49	0 54	23 5	0 51	11 11	10 39	28 21			n.a.
T 8	23 48	25 19	3 15	24 35	1 39	21 46	1 33	14 13	0 30	24 25	0 37	10 33	2 3	24 17	0 27	20 48	0 54	23 5	0 51	11 14	10 40	28 20			n.a.
W 9	23 46	22 4	2 23	24 18	1 36	21 28	1 32	14 26	0 29	24 25	0 38	10 33	2 2	24 17	0 27	20 48	0 54	23 5	0 51	11 16	10 42	28 20			n.a.
T 10	23 44	17 52	1 24	24 0	1 32	21 10	1 31	14 39	0 29	24 25	0 38	10 33	2 2	24 17	0 27	20 47	0 54	23 5	0 51	11 17	10 43	28 19			n.a.
F 11	23 42	12 54	0 20	23 40	1 28	20 52	1 30	14 52	0 28	24 25	0 38	10 33	2 2	24 17	0 27	20 47	0 54	23 5	0 51	11 18	10 44	28 19			n.a.
S 12	23 39	7 23	0n46	23 19	1 23	20 32	1 29	15 5	0 27	24 25	0 38	10 33	2 2	24 17	0 27	20 46	0 54	23 5	0 51	11 18	10 45	28 18			n.a.
S 13	23 36	1 28	1 51	22 56	1 18	20 13	1 28	15 17	0 26	24 25	0 38	10 33	2 1	24 17	0 27	20 46	0 54	23 5	0 51	11 17	10 46	28 18			n.a.
M14	23 32	4n39	2 52	22 32	1 13	19 52	1 27	15 30	0 26	24 25	0 38	10 33	2 1	24 17	0 27	20 45	0 54	23 5	0 51	11 17	10 47	28 17			n.a.
T 15	23 28	10 45	3 46	22 8	1 7	19 31	1 25	15 42	0 25	24 25	0 38	10 33	2 1	24 17	0 27	20 45	0 54	23 4	0 51	11 17	10 49	28 17			n.a.
W16	23 23	16 33	4 29	21 42	1 1	19 10	1 24	15 54	0 24	24 25	0 39	10 33	2 1	24 17	0 27	20 44	0 54	23 4	0 52	11 18	10 50	28 16			n.a.
T 17	23 18	21 40	4 57	21 15	0 55	18 48	1 22	16 7	0 23	24 25	0 39	10 33	2 0	24 17	0 27	20 44	0 54	23 4	0 52	11 19	10 51	28 16			n.a.
F 18	23 13	25 39	5 8	20 47	0 49	18 26	1 21	16 19	0 23	24 24	0 39	10 33	2 0	24 17	0 27	20 43	0 54	23 4	0 52	11 21	10 52	28 15			n.a.
S 19	23 7	27 59	4 57	20 18	0 42	18 3	1 19	16 30	0 22	24 24	0 39	10 34	2 0	24 17	0 27	20 43	0 54	23 4	0 52	11 24	10 53	28 14			n.a.
S 20	23 1	28 16	4 26	19 49	0 35	17 39	1 18	16 42	0 21	24 24	0 39	10 34	2 0	24 17	0 27	20 42	0 54	23 4	0 52	11 26	10 54	28 14			n.a.
M21	22 54	26 26	3 36	19 19	0 28	17 15	1 16	16 54	0 20	24 24	0 39	10 34	1 59	24 17	0 27	20 42	0 54	23 4	0 52	11 28	10 55	28 13			n.a.
T 22	22 47	22 41	2 31	18 48	0 20	16 51	1 14	17 5	0 20	24 24	0 39	10 34	1 59	24 17	0 27	20 41	0 54	23 4	0 52	11 30	10 57	28 13			n.a.
W23	22 39	17 30	1 17	18 17	0 12	16 26	1 12	17 16	0 19	24 24	0 39	10 35	1 59	24 17	0 27	20 41	0 54	23 4	0 52	11 31	10 58	28 12			n.a.
T 24	22 31	11 26	0s 1	17 45	0 5	16 1	1 10	17 27	0 18	24 23	0 39	10 35	1 59	24 17	0 27	20 40	0 54	23 4	0 52	11 31	10 59	28 11			n.a.
F 25	22 23	4 59	1 17	17 13	0s 4	15 36	1 8	17 38	0 17	24 23	0 39	10 36	1 58	24 17	0 27	20 40	0 54	23 3	0 52	11 31	11 0	28 11			n.a.
S 26	22 14	1s29	2 25	16 41	0 12	15 10	1 6	17 49	0 16	24 23	0 40	10 36	1 58	24 17	0 27	20 39	0 54	23 3	0 52	11 31	11 1	28 10			n.a.
S 27	22 5	7 41	3 24	16 8	0 20	14 43	1 4	18 0	0 16	24 23	0 40	10 37	1 58	24 17	0 27	20 39	0 54	23 3	0 52	11 30	11 2	28 9			n.a.
M28	21 56	13 23	4 11	15 36	0 29	14 16	1 2	18 11	0 15	24 23	0 40	10 37	1 58	24 17	0 27	20 38	0 54	23 3	0 52	11 30	11 4	28 9			n.a.
T 29	21 46	18 24	4 45	15 3	0 37	13 49	1 0	18 21	0 14	24 23	0 40	10 38	1 57	24 17	0 27	20 38	0 54	23 3	0 53	11 30	11 5	28 8			n.a.
W30	21 36	22 34	5 5	14 30	0 46	13 22	0 57	18 31	0 13	24 22	0 40	10 38	1 57	24 17	0 27	20 37	0 54	23 3	0 53	11 31	11 6	28 7			n.a.
T 31	21n25	25s44	5s11	13n57	0s55	12n54	0n55	18n42	0s12	24s22	0s40	10s39	1n57	24s17	0s27	20n37	0n54	23s 3	0s53	11s33	11s 7	28s 7			n.a.

Julian Day Number = 1285130.5, Delta T = 08h04m27s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'46, Lahiri = -20°26'45 Julian Calendar 1 July 1195 BCE == Greg. Calendar 20 June 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

AUGUST 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 53 7	26♋22'00	12♐45	22♌ 0	0♍ 8	23♉50	24°R 2	2♏19	29°R43	3♌20	9°R 5	0°R13	1♓27	4♑12	n.a.	F 1
S 2	19 57 4	27°20'23	24°37	23°13	1°20	24°27	23♐56	2°21	29♐41	3°22	9♐ 4	0♓ 8	1°24	4°19	n.a.	S 2
S 3	20 1 0	28°18'47	6♑29	24°24	2°32	25° 3	23°51	2°22	29°39	3°25	9° 3	0° 2	1°21	4°26	n.a.	S 3
M 4	20 4 57	29°17'13	18°21	25°33	3°44	25°39	23°46	2°23	29°37	3°27	9° 3	29♒56	1°18	4°33	n.a.	M 4
T 5	20 8 53	0♌15'41	0♒17	26°40	4°57	26°15	23°41	2°25	29°35	3°29	9° 2	29°52	1°15	4°39	n.a.	T 5
W 6	20 12 50	1°14'11	12°19	27°45	6° 9	26°50	23°37	2°27	29°33	3°31	9° 1	29°50	1°11	4°46	n.a.	W 6
T 7	20 16 46	2°12'44	24°27	28°48	7°21	27°26	23°32	2°29	29°31	3°34	9° 0	29°D48	1° 8	4°53	n.a.	T 7
F 8	20 20 43	3°11'18	6♓43	29°48	8°33	28° 2	23°28	2°30	29°29	3°36	9° 0	29°48	1° 5	4°59	n.a.	F 8
S 9	20 24 39	4° 9'55	19°11	0♍46	9°45	28°37	23°23	2°32	29°27	3°38	8°59	29°49	1° 2	5° 6	n.a.	S 9
S 10	20 28 36	5° 8'33	1♈52	1°41	10°57	29°12	23°19	2°34	29°25	3°40	8°58	29°51	0°59	5°13	n.a.	S 10
M11	20 32 33	6° 7'14	14°50	2°33	12° 9	29°47	23°15	2°37	29°23	3°42	8°58	29°53	0°56	5°19	n.a.	M11
T 12	20 36 29	7° 5'58	28° 6	3°22	13°21	0♊23	23°12	2°39	29°22	3°45	8°57	29°54	0°52	5°26	n.a.	T 12
W13	20 40 26	8° 4'44	11♉42	4° 8	14°33	0°57	23° 8	2°41	29°20	3°47	8°56	29°R54	0°49	5°33	n.a.	W13
T 14	20 44 22	9° 3'33	25°41	4°49	15°45	1°32	23° 5	2°44	29°18	3°49	8°56	29°53	0°46	5°40	n.a.	T 14
F 15	20 48 19	10° 2'24	10♊ 1	5°27	16°57	2° 7	23° 2	2°46	29°17	3°51	8°55	29°51	0°43	5°46	n.a.	F 15
S 16	20 52 15	11° 1'17	24°39	6° 1	18° 8	2°42	22°59	2°49	29°15	3°54	8°55	29°49	0°40	5°53	n.a.	S 16
S 17	20 56 12	12° 0'13	9♋31	6°29	19°20	3°16	22°56	2°51	29°14	3°56	8°54	29°47	0°36	6° 0	n.a.	S 17
M18	21 0 8	12°59'11	24°30	6°53	20°32	3°50	22°53	2°54	29°12	3°58	8°54	29°45	0°33	6° 6	n.a.	M18
T 19	21 4 5	13°58'12	9♌26	7°11	21°44	4°24	22°51	2°57	29°11	4° 0	8°53	29°43	0°30	6°13	n.a.	T 19
W20	21 8 2	14°57'14	24°12	7°24	22°55	4°59	22°49	3° 0	29° 9	4° 2	8°53	29°D42	0°27	6°20	n.a.	W20
T 21	21 11 58	15°56'19	8♍41	7°R30	24° 7	5°32	22°47	3° 3	29° 8	4° 5	8°53	29°43	0°24	6°26	n.a.	T 21
F 22	21 15 55	16°55'26	22°47	7°29	25°18	6° 6	22°45	3° 6	29° 6	4° 7	8°52	29°43	0°21	6°33	n.a.	F 22
S 23	21 19 51	17°54'34	6♎27	7°22	26°30	6°40	22°43	3° 9	29° 5	4° 9	8°52	29°44	0°17	6°40	n.a.	S 23
S 24	21 23 48	18°53'45	19°42	7° 7	27°41	7°13	22°42	3°13	29° 4	4°11	8°52	29°45	0°14	6°47	n.a.	S 24
M25	21 27 44	19°52'57	2♏34	6°44	28°53	7°47	22°41	3°16	29° 2	4°13	8°51	29°46	0°11	6°53	n.a.	M25
T 26	21 31 41	20°52'12	15° 4	6°14	0♎ 4	8°20	22°40	3°20	29° 1	4°15	8°51	29°46	0° 8	7° 0	n.a.	T 26
W27	21 35 37	21°51'28	27°18	5°36	1°15	8°53	22°39	3°23	29° 0	4°18	8°51	29°R46	0° 5	7° 7	n.a.	W27
T 28	21 39 34	22°50'47	9♐21	4°50	2°26	9°26	22°38	3°27	28°59	4°20	8°51	29°46	0° 2	7°13	n.a.	T 28
F 29	21 43 30	23°50'07	21°15	3°58	3°38	9°58	22°38	3°31	28°58	4°22	8°51	29°46	29♒58	7°20	n.a.	F 29
S 30	21 47 27	24°49'30	3♑ 6	2°58	4°49	10°31	22°37	3°34	28°57	4°24	8°51	29°45	29°55	7°27	n.a.	S 30
S 31	21 51 24	25♌48'54	14♑58	1♍54	6♎ 0	11♊ 3	22°D37	3♏38	28♐56	4♌26	8♐51	29♒44	29♒52	7♑33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21n14	27s43	5s 4	13n25	1s 4	12n26	0n53	18n52	0s11	24s22	0s40	10s39	1n57	24s17	0s27	20n36	0n54	23s 3	0s53	11s35	11s 8	28s 6		n.a.	F 1
S 2	21 2	28 27	4 43	12 52	1 12	11 57	0 50	19 2	0 11	24 22	0 40	10 40	1 56	24 17	0 27	20 36	0 54	23 3	0 53	11 37	11 9	28 5		n.a.	S 2
S 3	20 51	27 51	4 11	12 20	1 21	11 29	0 47	19 11	0 10	24 22	0 40	10 41	1 56	24 17	0 27	20 35	0 54	23 3	0 53	11 39	11 10	28 5		n.a.	S 3
M 4	20 38	25 59	3 27	11 48	1 30	11 0	0 45	19 21	0 9	24 22	0 40	10 42	1 56	24 17	0 27	20 35	0 54	23 3	0 53	11 41	11 12	28 4		n.a.	M 4
T 5	20 26	22 56	2 35	11 17	1 39	10 30	0 42	19 30	0 8	24 21	0 40	10 42	1 56	24 17	0 27	20 34	0 54	23 3	0 53	11 42	11 13	28 3		n.a.	T 5
W 6	20 13	18 54	1 34	10 46	1 48	10 1	0 39	19 40	0 7	24 21	0 40	10 43	1 55	24 17	0 27	20 34	0 54	23 3	0 53	11 43	11 14	28 2		n.a.	W 6
T 7	20 0	14 3	0 29	10 15	1 57	9 31	0 36	19 49	0 6	24 21	0 40	10 44	1 55	24 17	0 27	20 33	0 54	23 3	0 53	11 44	11 15	28 2		n.a.	T 7
F 8	19 46	8 36	0n38	9 46	2 6	9 1	0 33	19 58	0 5	24 21	0 40	10 45	1 55	24 17	0 27	20 33	0 54	23 3	0 53	11 44	11 16	28 1		n.a.	F 8
S 9	19 32	2 45	1 45	9 17	2 15	8 31	0 31	20 7	0 4	24 21	0 41	10 46	1 55	24 17	0 27	20 32	0 54	23 3	0 53	11 43	11 17	28 0		n.a.	S 9
S 10	19 18	3n18	2 47	8 49	2 24	8 0	0 28	20 15	0 4	24 21	0 41	10 47	1 54	24 17	0 27	20 32	0 54	23 3	0 53	11 43	11 18	27 59		n.a.	S 10
M11	19 3	9 21	3 43	8 22	2 32	7 30	0 24	20 24	0 3	24 20	0 41	10 48	1 54	24 17	0 27	20 31	0 54	23 3	0 53	11 42	11 20	27 59		n.a.	M11
T 12	18 48	15 8	4 28	7 57	2 41	6 59	0 21	20 32	0 2	24 20	0 41	10 49	1 54	24 17	0 27	20 31	0 54	23 2	0 54	11 42	11 21	27 58		n.a.	T 12
W13	18 33	20 20	4 59	7 33	2 49	6 28	0 18	20 41	0 1	24 20	0 41	10 50	1 54	24 17	0 27	20 30	0 54	23 2	0 54	11 42	11 22	27 57		n.a.	W13
T 14	18 17	24 35	5 14	7 10	2 57	5 56	0 15	20 49	0n 0	24 20	0 41	10 51	1 53	24 17	0 27	20 30	0 54	23 2	0 54	11 42	11 23	27 56		n.a.	T 14
F 15	18 1	27 26	5 10	6 49	3 4	5 25	0 12	20 57	0 1	24 20	0 41	10 52	1 53	24 17	0 27	20 29	0 54	23 2	0 54	11 43	11 24	27 55		n.a.	F 15
S 16	17 45	28 30	4 46	6 30	3 11	4 54	0 9	21 5	0 2	24 20	0 41	10 53	1 53	24 17	0 27	20 28	0 54	23 2	0 54	11 43	11 25	27 55		n.a.	S 16
S 17	17 29	27 31	4 3	6 13	3 18	4 22	0 5	21 13	0 3	24 20	0 41	10 54	1 53	24 17	0 27	20 28	0 54	23 2	0 54	11 44	11 26	27 54		n.a.	S 17
M18	17 12	24 34	3 2	5 58	3 24	3 50	0 2	21 20	0 4	24 19	0 41	10 55	1 53	24 17	0 27	20 27	0 54	23 2	0 54	11 45	11 28	27 53		n.a.	M18
T 19	16 55	19 57	1 50	5 46	3 30	3 19	0s 2	21 28	0 5	24 19	0 41	10 57	1 52	24 17	0 27	20 27	0 54	23 2	0 54	11 46	11 29	27 52		n.a.	T 19
W20	16 37	14 9	0 30	5 37	3 35	2 47	0 5	21 35	0 6	24 19	0 41	10 58	1 52	24 17	0 27	20 26	0 54	23 2	0 54	11 46	11 30	27 51		n.a.	W20
T 21	16 19	7 41	0s49	5 31	3 39	2 15	0 9	21 42	0 7	24 19	0 41	10 59	1 52	24 17	0 27	20 26	0 54	23 2	0 54	11 46	11 31	27 50		n.a.	T 21
F 22	16 1	1 1	2 4	5 28	3 42	1 43	0 12	21 49	0 8	24 19	0 41	11 0	1 52	24 17	0 27	20 25	0 54	23 2	0 54	11 46	11 32	27 49		n.a.	F 22
S 23	15 43	5s30	3 10	5 29	3 44	1 11	0 16	21 56	0 9	24 19	0 41	11 2	1 51	24 17	0 27	20 25	0 54	23 2	0 54	11 45	11 33	27 49		n.a.	S 23
S 24	15 25	11 34	4 3	5 34	3 45	0 39	0 19	22 3	0 10	24 19	0 41	11 3	1 51	24 17	0 27	20 24	0 54	23 2	0 54	11 45	11 34	27 48		n.a.	S 24
M25	15 6	16 58	4 42	5 43	3 44	0 6	0 23	22 9	0 11	24 19	0 41	11 4	1 51	24 17	0 27	20 24	0 54	23 2	0 54	11 45	11 36	27 47		n.a.	M25
T 26	14 47	21 30	5 7	5 56	3 42	0s26	0 26	22 16	0 12	24 19	0 41	11 6	1 51	24 17	0 27	20 23	0 54	23 3	0 55	11 44	11 37	27 46		n.a.	T 26
W27	14 27	25 1	5 17	6 14	3 38	0 58	0 30	22 22	0 13	24 19	0 41	11 7	1 51	24 17	0 27	20 23	0 54	23 3	0 55	11 44	11 38	27 45		n.a.	W27
T 28	14 8	27 22	5 13	6 36	3 33	1 30	0 34	22 28	0 14	24 19	0 41	11 9	1 50	24 17	0 27	20 22	0 54	23 3	0 55	11 44	11 39	27 44		n.a.	T 28
F 29	13 48	28 27	4 55	7 2	3 25	2 2	0 37	22 34	0 15	24 19	0 41	11 10	1 50	24 17	0 27	20 22	0 54	23 3	0 55	11 45	11 40	27 43		n.a.	F 29
S 30	13 28	28 13	4 25	7 33	3 16	2 34	0 41	22 40	0 16	24 19	0 41	11 12	1 50	24 17	0 27	20 21	0 54	23 3	0 55	11 45	11 41	27 42		n.a.	S 30
S 31	13n 8	26s41	3s44	8n 7	3s 4	3s 6	0s45	22n46	0n17	24s19	0s41	11s13	1n50	24s17	0s27	20n21	0n54	23s 3	0s55	11s45	11s42	27s41		n.a.	S 31

Julian Day Number = 1285161.5, Delta T = 08h04m26s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'41, Lahiri = -20°26'41 Julian Calendar 1 Aug. 1195 BCE == Greg. Calendar 21 July 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

SEPTEMBER 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 55 20	26♌48'20	26♉54	0°R45	7♎11	11♊36	22♐38	3♏42	28°R55	4♌28	8°R50	29°R44	29♒49	7♉40	n.a.	M 1
T 2	21 59 17	27°47'48	8♒56	29♌34	8°22	12° 8	22°38	3°46	28♐54	4°30	8°D50	29♒44	29°46	7°47	n.a.	T 2
W 3	22 3 13	28°47'19	21° 7	28°22	9°32	12°39	22°39	3°50	28°53	4°32	8♐50	29°43	29°42	7°53	n.a.	W 3
T 4	22 7 10	29°46'51	3♓29	27°12	10°43	13°11	22°39	3°55	28°52	4°34	8°50	29°43	29°39	8° 0	n.a.	T 4
F 5	22 11 6	0♍46'26	16° 3	26° 5	11°54	13°43	22°40	3°59	28°52	4°37	8°51	29°43	29°36	8° 7	n.a.	F 5
S 6	22 15 3	1°46'03	28°50	25° 3	13° 5	14°14	22°41	4° 3	28°51	4°39	8°51	29°43	29°33	8°14	n.a.	S 6
S 7	22 18 59	2°45'42	11♈50	24° 8	14°15	14°45	22°43	4° 8	28°50	4°41	8°51	29°43	29°30	8°20	n.a.	S 7
M 8	22 22 56	3°45'23	25° 3	23°23	15°26	15°16	22°44	4°12	28°50	4°43	8°51	29°43	29°27	8°27	n.a.	M 8
T 9	22 26 52	4°45'07	8♉31	22°47	16°36	15°47	22°46	4°17	28°49	4°45	8°51	29°42	29°23	8°34	n.a.	T 9
W10	22 30 49	5°44'54	22°13	22°21	17°46	16°18	22°48	4°21	28°49	4°47	8°51	29°42	29°20	8°40	n.a.	W10
T 11	22 34 46	6°44'42	6♊ 8	22° 7	18°57	16°48	22°50	4°26	28°48	4°49	8°52	29°D42	29°17	8°47	n.a.	T 11
F 12	22 38 42	7°44'34	20°16	22°D 4	20° 7	17°19	22°52	4°31	28°48	4°51	8°52	29°42	29°14	8°54	n.a.	F 12
S 13	22 42 39	8°44'27	4♋35	22°12	21°17	17°49	22°55	4°35	28°47	4°52	8°52	29°42	29°11	9° 0	n.a.	S 13
S 14	22 46 35	9°44'24	19° 2	22°31	22°27	18°19	22°58	4°40	28°47	4°54	8°52	29°43	29° 8	9° 7	n.a.	S 14
M15	22 50 32	10°44'22	3♌34	23° 0	23°37	18°48	23° 1	4°45	28°47	4°56	8°53	29°44	29° 4	9°14	n.a.	M15
T 16	22 54 28	11°44'23	18° 6	23°38	24°47	19°18	23° 4	4°50	28°47	4°58	8°53	29°45	29° 1	9°20	n.a.	T 16
W17	22 58 25	12°44'25	2♍31	24°25	25°57	19°47	23° 7	4°55	28°47	5° 0	8°54	29°R45	28°58	9°27	n.a.	W17
T 18	23 2 21	13°44'30	16°45	25°19	27° 6	20°16	23°11	5° 1	28°46	5° 2	8°54	29°44	28°55	9°34	n.a.	T 18
F 19	23 6 18	14°44'37	0♎42	26°20	28°16	20°45	23°14	5° 6	28°46	5° 4	8°55	29°43	28°52	9°41	n.a.	F 19
S 20	23 10 15	15°44'45	14°20	27°27	29°25	21°14	23°18	5°11	28°D46	5° 5	8°55	29°41	28°48	9°47	n.a.	S 20
S 21	23 14 11	16°44'56	27°36	28°40	0♏35	21°42	23°22	5°16	28°46	5° 7	8°56	29°38	28°45	9°54	n.a.	S 21
M22	23 18 8	17°45'08	10♏30	29°56	1°44	22°10	23°26	5°22	28°47	5° 9	8°56	29°36	28°42	10° 1	n.a.	M22
T 23	23 22 4	18°45'23	23° 3	1♍17	2°53	22°38	23°31	5°27	28°47	5°11	8°57	29°34	28°39	10° 7	n.a.	T 23
W24	23 26 1	19°45'38	5♐20	2°41	4° 2	23° 6	23°35	5°33	28°47	5°12	8°57	29°32	28°36	10°14	n.a.	W24
T 25	23 29 57	20°45'56	17°23	4° 8	5°11	23°33	23°40	5°38	28°47	5°14	8°58	29°D31	28°33	10°21	n.a.	T 25
F 26	23 33 54	21°46'15	29°18	5°37	6°20	24° 0	23°45	5°44	28°47	5°16	8°59	29°31	28°29	10°27	n.a.	F 26
S 27	23 37 50	22°46'36	11♑ 9	7° 8	7°29	24°27	23°50	5°50	28°48	5°18	8°59	29°32	28°26	10°34	n.a.	S 27
S 28	23 41 47	23°46'59	23° 0	8°40	8°38	24°53	23°56	5°55	28°48	5°19	9° 0	29°34	28°23	10°41	n.a.	S 28
M29	23 45 44	24°47'23	4♒58	10°14	9°46	25°20	24° 1	6° 1	28°49	5°21	9° 1	29°36	28°20	10°47	n.a.	M29
T 30	23 49 40	25♍47'48	17♒ 5	11♍48	10♏54	25♊46	24♐ 7	6♏ 7	28♐49	5♌22	9♐ 2	29♒37	28♒17	10♉54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n47	23s57	2s52	8n44	2s50	3s38	0s49	22n51	0n19	24s19	0s41	11s15	1n49	24s17	0s27	20n20	0n54	23s 3	0s55	11s45	11s44	27s40		n.a.
T 2	12 26	20 8	1 53	9 24	2 35	4 10	0 52	22 57	0 20	24 19	0 41	11 16	1 49	24 17	0 27	20 20	0 54	23 3	0 55	11 45	11 45	27 39		n.a.
W 3	12 5	15 27	0 48	10 5	2 18	4 42	0 56	23 2	0 21	24 19	0 41	11 18	1 49	24 17	0 27	20 19	0 54	23 3	0 55	11 45	11 46	27 38		n.a.
T 4	11 44	10 4	0n21	10 47	2 0	5 14	1 0	23 7	0 22	24 19	0 41	11 20	1 49	24 17	0 27	20 19	0 54	23 3	0 55	11 45	11 47	27 37		n.a.
F 5	11 23	4 13	1 29	11 28	1 40	5 45	1 4	23 12	0 23	24 19	0 41	11 21	1 49	24 17	0 27	20 18	0 54	23 3	0 55	11 45	11 48	27 36		n.a.
S 6	11 1	1n53	2 35	12 8	1 20	6 17	1 7	23 17	0 24	24 19	0 41	11 23	1 48	24 17	0 27	20 18	0 54	23 3	0 55	11 45	11 49	27 35		n.a.
S 7	10 40	8 1	3 33	12 45	1 0	6 48	1 11	23 22	0 25	24 19	0 41	11 25	1 48	24 17	0 27	20 17	0 54	23 3	0 55	11 46	11 50	27 35		n.a.
M 8	10 18	13 53	4 21	13 20	0 40	7 19	1 15	23 27	0 27	24 19	0 41	11 26	1 48	24 17	0 27	20 17	0 54	23 3	0 55	11 46	11 51	27 34		n.a.
T 9	9 56	19 14	4 56	13 50	0 20	7 50	1 19	23 32	0 28	24 19	0 41	11 28	1 48	24 17	0 27	20 17	0 54	23 3	0 55	11 46	11 53	27 33		n.a.
W10	9 33	23 41	5 14	14 17	0 1	8 21	1 22	23 36	0 29	24 19	0 41	11 30	1 48	24 17	0 27	20 16	0 54	23 3	0 55	11 46	11 54	27 31		n.a.
T 11	9 11	26 51	5 15	14 38	0n17	8 52	1 26	23 40	0 30	24 20	0 41	11 32	1 47	24 17	0 27	20 16	0 54	23 4	0 56	11 46	11 55	27 30		n.a.
F 12	8 48	28 24	4 57	14 55	0 34	9 22	1 30	23 45	0 31	24 20	0 41	11 33	1 47	24 17	0 27	20 15	0 54	23 4	0 56	11 46	11 56	27 29		n.a.
S 13	8 26	28 6	4 20	15 7	0 49	9 53	1 33	23 49	0 33	24 20	0 41	11 35	1 47	24 17	0 27	20 15	0 55	23 4	0 56	11 46	11 57	27 28		n.a.
S 14	8 3	25 52	3 27	15 13	1 3	10 23	1 37	23 53	0 34	24 20	0 41	11 37	1 47	24 17	0 27	20 14	0 55	23 4	0 56	11 46	11 58	27 27		n.a.
M15	7 40	21 57	2 20	15 16	1 15	10 52	1 41	23 56	0 35	24 20	0 41	11 39	1 47	24 17	0 27	20 14	0 55	23 4	0 56	11 45	11 59	27 26		n.a.
T 16	7 17	16 40	1 4	15 13	1 26	11 22	1 44	24 0	0 36	24 20	0 41	11 41	1 46	24 17	0 27	20 13	0 55	23 4	0 56	11 45	12 0	27 25		n.a.
W17	6 53	10 31	0s15	15 6	1 35	11 51	1 48	24 4	0 38	24 21	0 41	11 43	1 46	24 16	0 27	20 13	0 55	23 4	0 56	11 45	12 2	27 24		n.a.
T 18	6 30	3 54	1 33	14 55	1 43	12 20	1 52	24 7	0 39	24 21	0 41	11 45	1 46	24 16	0 26	20 13	0 55	23 4	0 56	11 45	12 3	27 23		n.a.
F 19	6 6	2s46	2 43	14 40	1 50	12 49	1 55	24 11	0 40	24 21	0 41	11 47	1 46	24 16	0 26	20 12	0 55	23 5	0 56	11 46	12 4	27 22		n.a.
S 20	5 43	9 9	3 42	14 21	1 55	13 18	1 59	24 14	0 42	24 21	0 41	11 49	1 46	24 16	0 26	20 12	0 55	23 5	0 56	11 46	12 5	27 21		n.a.
S 21	5 19	14 56	4 28	14 0	1 59	13 46	2 2	24 17	0 43	24 21	0 41	11 51	1 46	24 16	0 26	20 11	0 55	23 5	0 56	11 47	12 6	27 20		n.a.
M22	4 55	19 55	4 58	13 35	2 2	14 14	2 6	24 20	0 44	24 21	0 41	11 52	1 45	24 16	0 26	20 11	0 55	23 5	0 56	11 48	12 7	27 19		n.a.
T 23	4 31	23 53	5 13	13 8	2 4	14 41	2 9	24 23	0 46	24 22	0 41	11 54	1 45	24 16	0 26	20 11	0 55	23 5	0 56	11 49	12 8	27 18		n.a.
W24	4 7	26 41	5 14	12 38	2 5	15 9	2 12	24 26	0 47	24 22	0 41	11 56	1 45	24 16	0 26	20 10	0 55	23 5	0 56	11 50	12 9	27 16		n.a.
T 25	3 43	28 12	5 0	12 6	2 6	15 36	2 16	24 29	0 48	24 22	0 41	11 59	1 45	24 16	0 26	20 10	0 55	23 6	0 56	11 50	12 11	27 15		n.a.
F 26	3 19	28 24	4 34	11 32	2 5	16 2	2 19	24 32	0 50	24 22	0 41	12 1	1 45	24 16	0 26	20 9	0 55	23 6	0 56	11 50	12 12	27 14		n.a.
S 27	2 55	27 17	3 56	10 57	2 4	16 28	2 22	24 35	0 51	24 23	0 41	12 3	1 45	24 16	0 26	20 9	0 55	23 6	0 57	11 49	12 13	27 13		n.a.
S 28	2 31	24 56	3 8	10 20	2 2	16 54	2 25	24 37	0 53	24 23	0 41	12 5	1 44	24 16	0 26	20 9	0 55	23 6	0 57	11 49	12 14	27 12		n.a.
M29	2 6	21 28	2 11	9 42	1 59	17 19	2 28	24 40	0 54	24 23	0 41	12 7	1 44	24 16	0 26	20 8	0 55	23 6	0 57	11 48	12 15	27 11		n.a.
T 30	1n42	17s 3	1s 8	9n 2	1n56	17s44	2s31	24n42	0n56	24s23	0s41	12s 9	1n44	24s16	0s26	20n 8	0n55	23s 6	0s57	11s48	12s16	27s10		n.a.

Julian Day Number = 1285192.5, Delta T = 08h04m24s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'37, Lahiri = -20°26'37 Julian Calendar 1 Sept. 1195 BCE == Greg. Calendar 21 Aug. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

OCTOBER 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 53 37	26♍48'15	29♒26	13♍24	12♏ 3	26♊12	24♐13	6♏13	28♐50	5♑24	9♐ 3	29°R38	28♒14	11♉ 1	n.a.	W 1
T 2	23 57 33	27°48'44	12♓ 2	14°59	13°11	26°37	24°19	6°19	28°50	5°25	9° 3	29♒37	28°10	11° 8	n.a.	T 2
F 3	0 1 30	28°49'15	24°54	16°36	14°19	27° 2	24°25	6°25	28°51	5°27	9° 4	29°35	28° 7	11°14	n.a.	F 3
S 4	0 5 26	29°49'47	8♈ 4	18°12	15°26	27°27	24°31	6°31	28°52	5°28	9° 5	29°31	28° 4	11°21	n.a.	S 4
S 5	0 9 23	0♎50'21	21°30	19°49	16°34	27°52	24°38	6°37	28°52	5°30	9° 6	29°27	28° 1	11°28	n.a.	S 5
M 6	0 13 19	1°50'56	5♉10	21°26	17°41	28°16	24°44	6°43	28°53	5°31	9° 7	29°21	27°58	11°34	n.a.	M 6
T 7	0 17 16	2°51'34	19° 0	23° 3	18°49	28°40	24°51	6°49	28°54	5°33	9° 8	29°16	27°54	11°41	n.a.	T 7
W 8	0 21 12	3°52'13	2♊59	24°39	19°56	29° 4	24°58	6°56	28°55	5°34	9° 9	29°12	27°51	11°48	n.a.	W 8
T 9	0 25 9	4°52'55	17° 4	26°16	21° 3	29°27	25° 5	7° 2	28°56	5°35	9°10	29° 9	27°48	11°54	n.a.	T 9
F 10	0 29 6	5°53'38	1♋11	27°53	22° 9	29°50	25°12	7° 8	28°57	5°37	9°11	29°D 7	27°45	12° 1	n.a.	F 10
S 11	0 33 2	6°54'23	15°20	29°29	23°16	0♋13	25°20	7°14	28°58	5°38	9°12	29° 8	27°42	12° 8	n.a.	S 11
S 12	0 36 59	7°55'10	29°29	1♌ 6	24°22	0°35	25°27	7°21	28°59	5°39	9°14	29° 9	27°39	12°14	n.a.	S 12
M13	0 40 55	8°55'59	13♌35	2°42	25°29	0°57	25°35	7°27	29° 0	5°40	9°15	29°10	27°35	12°21	n.a.	M13
T 14	0 44 52	9°56'49	27°38	4°18	26°35	1°18	25°43	7°34	29° 2	5°42	9°16	29°R11	27°32	12°28	n.a.	T 14
W15	0 48 48	10°57'41	11♍35	5°54	27°40	1°40	25°51	7°40	29° 3	5°43	9°17	29°10	27°29	12°34	n.a.	W15
T 16	0 52 45	11°58'35	25°24	7°29	28°46	2° 0	25°59	7°47	29° 4	5°44	9°18	29° 8	27°26	12°41	n.a.	T 16
F 17	0 56 41	12°59'30	9♎ 1	9° 5	29°51	2°21	26° 8	7°53	29° 6	5°45	9°20	29° 3	27°23	12°48	n.a.	F 17
S 18	1 0 38	14° 0'26	22°24	10°40	0♐56	2°41	26°16	8° 0	29° 7	5°46	9°21	28°56	27°19	12°54	n.a.	S 18
S 19	1 4 35	15° 1'23	5♏31	12°15	2° 1	3° 0	26°25	8° 6	29° 8	5°47	9°22	28°47	27°16	13° 1	n.a.	S 19
M20	1 8 31	16° 2'22	18°20	13°50	3° 6	3°19	26°33	8°13	29°10	5°48	9°23	28°38	27°13	13° 8	n.a.	M20
T 21	1 12 28	17° 3'22	0♐52	15°25	4°10	3°38	26°42	8°20	29°11	5°49	9°25	28°30	27°10	13°15	n.a.	T 21
W22	1 16 24	18° 4'23	13° 8	17° 0	5°14	3°56	26°51	8°26	29°13	5°50	9°26	28°23	27° 7	13°21	n.a.	W22
T 23	1 20 21	19° 5'25	25°12	18°34	6°18	4°14	27° 1	8°33	29°15	5°51	9°28	28°17	27° 4	13°28	n.a.	T 23
F 24	1 24 17	20° 6'28	7♑ 6	20° 9	7°22	4°32	27°10	8°40	29°16	5°52	9°29	28°14	27° 0	13°35	n.a.	F 24
S 25	1 28 14	21° 7'31	18°55	21°43	8°25	4°49	27°19	8°47	29°18	5°53	9°30	28°D13	26°57	13°41	n.a.	S 25
S 26	1 32 10	22° 8'36	0♒46	23°18	9°28	5° 5	27°29	8°53	29°20	5°54	9°32	28°13	26°54	13°48	n.a.	S 26
M27	1 36 7	23° 9'41	12°42	24°52	10°30	5°21	27°39	9° 0	29°22	5°55	9°33	28°14	26°51	13°55	n.a.	M27
T 28	1 40 4	24°10'46	24°50	26°26	11°32	5°36	27°48	9° 7	29°24	5°55	9°35	28°R15	26°48	14° 1	n.a.	T 28
W29	1 44 0	25°11'53	7♓14	28° 0	12°34	5°51	27°58	9°14	29°26	5°56	9°36	28°15	26°45	14° 8	n.a.	W29
T 30	1 47 57	26°13'00	19°58	29°35	13°36	6° 6	28° 8	9°21	29°28	5°57	9°38	28°12	26°41	14°15	n.a.	T 30
F 31	1 51 53	27♎14'08	3♈ 5	1♏ 9	14♐37	6♋20	28♐18	9♏28	29♐30	5♑57	9♐39	28♒ 8	26♒38	14♉21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	1n17	11s53	0s 1	8n22	1n53	18s 9	2s34	24n44	0n57	24s24	0s41	12s11	1n44	24s16	0s26	20n 8	0n55	23s 7	0s57	11s47	12s17	27s 8			n.a.
T 2	0 53	6 8	1n 7	7 41	1 49	18 33	2 37	24 46	0 59	24 24	0 41	12 13	1 44	24 16	0 26	20 7	0 55	23 7	0 57	11 48	12 18	27 7			n.a.
F 3	0 29	0 1	2 14	6 59	1 45	18 56	2 40	24 49	1 0	24 24	0 41	12 15	1 44	24 16	0 26	20 7	0 55	23 7	0 57	11 48	12 20	27 6			n.a.
S 4	0 4	6n14	3 15	6 16	1 40	19 19	2 42	24 51	1 2	24 24	0 41	12 17	1 43	24 16	0 26	20 6	0 55	23 7	0 57	11 50	12 21	27 5			n.a.
S 5	0s20	12 19	4 6	5 33	1 35	19 42	2 45	24 53	1 3	24 25	0 41	12 20	1 43	24 16	0 26	20 6	0 55	23 7	0 57	11 51	12 22	27 4			n.a.
M 6	0 45	17 54	4 44	4 50	1 30	20 4	2 48	24 55	1 5	24 25	0 41	12 22	1 43	24 16	0 26	20 6	0 55	23 8	0 57	11 53	12 23	27 2			n.a.
T 7	1 9	22 40	5 6	4 6	1 25	20 26	2 50	24 57	1 7	24 25	0 41	12 24	1 43	24 16	0 26	20 6	0 55	23 8	0 57	11 55	12 24	27 1			n.a.
W 8	1 34	26 11	5 11	3 22	1 19	20 47	2 52	24 58	1 8	24 25	0 41	12 26	1 43	24 16	0 26	20 5	0 55	23 8	0 57	11 57	12 25	27 0			n.a.
T 9	1 58	28 7	4 56	2 38	1 13	21 7	2 55	25 0	1 10	24 26	0 41	12 28	1 43	24 16	0 26	20 5	0 55	23 8	0 57	11 58	12 26	26 59			n.a.
F 10	2 23	28 14	4 24	1 53	1 8	21 27	2 57	25 2	1 12	24 26	0 41	12 30	1 43	24 16	0 26	20 5	0 55	23 9	0 57	11 58	12 27	26 58			n.a.
S 11	2 47	26 31	3 36	1 9	1 1	21 47	2 59	25 4	1 13	24 26	0 41	12 33	1 43	24 16	0 26	20 4	0 55	23 9	0 57	11 58	12 28	26 56			n.a.
S 12	3 12	23 7	2 34	0 24	0 55	22 6	3 1	25 5	1 15	24 27	0 41	12 35	1 42	24 16	0 26	20 4	0 56	23 9	0 58	11 58	12 30	26 55			n.a.
M13	3 36	18 21	1 24	0s21	0 49	22 24	3 3	25 7	1 17	24 27	0 41	12 37	1 42	24 16	0 26	20 4	0 56	23 9	0 58	11 57	12 31	26 54			n.a.
T 14	4 0	12 38	0 8	1 5	0 43	22 42	3 5	25 8	1 18	24 27	0 41	12 39	1 42	24 16	0 26	20 4	0 56	23 9	0 58	11 57	12 32	26 52			n.a.
W15	4 24	6 19	1s 7	1 50	0 36	23 0	3 7	25 10	1 20	24 27	0 41	12 42	1 42	24 16	0 26	20 3	0 56	23 10	0 58	11 57	12 33	26 51			n.a.
T 16	4 49	0s14	2 17	2 34	0 30	23 16	3 8	25 11	1 22	24 28	0 41	12 44	1 42	24 16	0 26	20 3	0 56	23 10	0 58	11 58	12 34	26 50			n.a.
F 17	5 13	6 40	3 18	3 18	0 23	23 32	3 10	25 13	1 24	24 28	0 41	12 46	1 42	24 16	0 26	20 3	0 56	23 10	0 58	12 0	12 35	26 49			n.a.
S 18	5 37	12 41	4 8	4 2	0 17	23 48	3 11	25 14	1 26	24 28	0 41	12 48	1 42	24 16	0 26	20 3	0 56	23 11	0 58	12 2	12 36	26 47			n.a.
S 19	6 1	18 0	4 43	4 46	0 10	24 3	3 12	25 16	1 28	24 28	0 41	12 51	1 42	24 16	0 26	20 2	0 56	23 11	0 58	12 5	12 37	26 46			n.a.
M20	6 25	22 24	5 2	5 30	0 3	24 17	3 13	25 17	1 29	24 29	0 41	12 53	1 41	24 16	0 26	20 2	0 56	23 11	0 58	12 9	12 38	26 45			n.a.
T 21	6 49	25 40	5 7	6 13	0s 3	24 31	3 14	25 19	1 31	24 29	0 41	12 55	1 41	24 16	0 26	20 2	0 56	23 11	0 58	12 12	12 40	26 43			n.a.
W22	7 12	27 40	4 57	6 56	0 10	24 44	3 15	25 20	1 33	24 29	0 41	12 57	1 41	24 16	0 26	20 2	0 56	23 12	0 58	12 14	12 41	26 42			n.a.
T 23	7 36	28 19	4 34	7 38	0 16	24 56	3 16	25 21	1 35	24 29	0 41	13 0	1 41	24 16	0 26	20 2	0 56	23 12	0 58	12 16	12 42	26 41			n.a.
F 24	7 59	27 38	4 0	8 21	0 22	25 8	3 16	25 23	1 37	24 29	0 41	13 2	1 41	24 16	0 26	20 1	0 56	23 12	0 58	12 17	12 43	26 39			n.a.
S 25	8 23	25 42	3 15	9 3	0 29	25 19	3 17	25 24	1 39	24 30	0 41	13 4	1 41	24 16	0 26	20 1	0 56	23 12	0 58	12 17	12 44	26 38			n.a.
S 26	8 46	22 38	2 22	9 44	0 35	25 29	3 17	25 25	1 41	24 30	0 41	13 7	1 41	24 16	0 26	20 1	0 56	23 13	0 58	12 17	12 45	26 37			n.a.
M27	9 9	18 36	1 23	10 25	0 41	25 39	3 17	25 27	1 43	24 30	0 41	13 9	1 41	24 16	0 26	20 1	0 56	23 13	0 59	12 17	12 46	26 35			n.a.
T 28	9 32	13 45	0 18	11 6	0 47	25 48	3 17	25 28	1 45	24 30	0 41	13 11	1 41	24 16	0 26	20 1	0 56	23 13	0 59	12 17	12 47	26 34			n.a.
W29	9 55	8 15	0n48	11 46	0 53	25 56	3 17	25 30	1 47	24 30	0 41	13 13	1 41	24 16	0 26	20 1	0 56	23 14	0 59	12 17	12 48	26 33			n.a.
T 30	10 17	2 18	1 54	12 26	0 59	26 4	3 17	25 31	1 50	24 31	0 41	13 16	1 40	24 16	0 26	20 0	0 56	23 14	0 59	12 18	12 49	26 31			n.a.
F 31	10s40	3n55	2n55	13s 5	1s 5	26s11	3s16	25n33	1n52	24s31	0s41	13s18	1n40	24s16	0s26	20n 0	0n56	23s14	0s59	12s19	12s51	26s30			n.a.

Julian Day Number = 1285222.5, Delta T = 08h04m22s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'33, Lahiri = -20°26'33 Julian Calendar 1 Oct. 1195 BCE == Greg. Calendar 20 Sept. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

NOVEMBER 1195 BCE (-1194) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 2	10n 7	3n48	13s43	1s10	26s17	3s16	25n34	1n54	24s31	0s41	13s20	1n40	24s16	0s26	20n 0	0n56	23s15	0s59	12s22	12s52	26s28		n.a.
S 2	11 24	16 0	4 29	14 21	1 16	26 23	3 15	25 36	1 56	24 31	0 41	13 23	1 40	24 16	0 26	20 0	0 56	23 15	0 59	12 25	12 53	26 27		n.a.
M 3	11 46	21 9	4 55	14 58	1 21	26 28	3 14	25 37	1 58	24 31	0 41	13 25	1 40	24 16	0 26	20 0	0 56	23 15	0 59	12 29	12 54	26 26		n.a.
T 4	12 8	25 10	5 3	15 35	1 26	26 33	3 13	25 39	2 1	24 31	0 41	13 27	1 40	24 16	0 26	20 0	0 56	23 16	0 59	12 33	12 55	26 24		n.a.
W 5	12 29	27 36	4 51	16 11	1 31	26 36	3 11	25 40	2 3	24 31	0 41	13 29	1 40	24 16	0 26	20 0	0 57	23 16	0 59	12 36	12 56	26 23		n.a.
T 6	12 50	28 11	4 21	16 46	1 36	26 39	3 10	25 42	2 5	24 31	0 41	13 32	1 40	24 16	0 26	20 0	0 57	23 16	0 59	12 38	12 57	26 21		n.a.
F 7	13 11	26 51	3 35	17 20	1 40	26 42	3 8	25 44	2 7	24 31	0 41	13 34	1 40	24 16	0 26	20 0	0 57	23 16	0 59	12 40	12 58	26 20		n.a.
S 8	13 32	23 47	2 36	17 54	1 45	26 43	3 6	25 46	2 10	24 31	0 41	13 36	1 40	24 16	0 26	20 0	0 57	23 17	0 59	12 41	12 59	26 18		n.a.
S 9	13 53	19 20	1 28	18 26	1 49	26 44	3 4	25 47	2 12	24 31	0 41	13 39	1 40	24 16	0 26	20 0	0 57	23 17	0 59	12 41	13 0	26 17		n.a.
M10	14 13	13 54	0 15	18 58	1 53	26 45	3 2	25 49	2 14	24 31	0 41	13 41	1 40	24 16	0 26	19 59	0 57	23 17	1 0	12 41	13 2	26 15		n.a.
T 11	14 33	7 50	0s57	19 28	1 56	26 45	2 59	25 51	2 17	24 31	0 41	13 43	1 40	24 16	0 26	19 59	0 57	23 18	1 0	12 41	13 3	26 14		n.a.
W12	14 53	1 30	2 5	19 58	1 59	26 44	2 57	25 53	2 19	24 31	0 41	13 45	1 40	24 16	0 26	19 59	0 57	23 18	1 0	12 42	13 4	26 12		n.a.
T 13	15 13	4s48	3 6	20 26	2 2	26 42	2 54	25 55	2 22	24 31	0 41	13 48	1 40	24 16	0 26	19 59	0 57	23 18	1 0	12 43	13 5	26 11		n.a.
F 14	15 32	10 49	3 55	20 54	2 4	26 40	2 51	25 57	2 24	24 31	0 41	13 50	1 39	24 16	0 26	19 59	0 57	23 19	1 0	12 46	13 6	26 10		n.a.
S 15	15 52	16 17	4 31	21 20	2 6	26 37	2 47	26 0	2 27	24 31	0 41	13 52	1 39	24 16	0 26	19 59	0 57	23 19	1 0	12 50	13 7	26 8		n.a.
S 16	16 10	20 56	4 53	21 45	2 8	26 34	2 44	26 2	2 29	24 31	0 41	13 54	1 39	24 16	0 26	19 59	0 57	23 20	1 0	12 55	13 8	26 7		n.a.
M17	16 29	24 34	5 0	22 8	2 9	26 30	2 40	26 4	2 32	24 31	0 41	13 57	1 39	24 16	0 26	19 59	0 57	23 20	1 0	13 0	13 9	26 5		n.a.
T 18	16 47	26 58	4 53	22 30	2 10	26 26	2 36	26 7	2 34	24 31	0 41	13 59	1 39	24 16	0 26	19 59	0 57	23 20	1 0	13 4	13 10	26 3		n.a.
W19	17 5	28 3	4 32	22 51	2 11	26 20	2 31	26 9	2 37	24 31	0 41	14 1	1 39	24 16	0 26	20 0	0 57	23 21	1 0	13 9	13 11	26 2		n.a.
T 20	17 23	27 47	3 59	23 10	2 10	26 15	2 27	26 12	2 40	24 31	0 41	14 3	1 39	24 16	0 26	20 0	0 57	23 21	1 0	13 12	13 12	26 0		n.a.
F 21	17 40	26 14	3 16	23 27	2 9	26 9	2 22	26 14	2 42	24 30	0 41	14 5	1 39	24 16	0 26	20 0	0 57	23 21	1 0	13 14	13 14	25 59		n.a.
S 22	17 57	23 31	2 25	23 43	2 8	26 2	2 17	26 17	2 45	24 30	0 41	14 8	1 39	24 16	0 26	20 0	0 57	23 22	1 0	13 16	13 15	25 57		n.a.
S 23	18 14	19 49	1 28	23 57	2 6	25 55	2 12	26 20	2 48	24 30	0 41	14 10	1 39	24 16	0 26	20 0	0 57	23 22	1 0	13 16	13 16	25 56		n.a.
M24	18 30	15 18	0 26	24 9	2 3	25 47	2 6	26 22	2 50	24 30	0 41	14 12	1 39	24 16	0 26	20 0	0 57	23 22	1 1	13 17	13 17	25 54		n.a.
T 25	18 46	10 8	0n38	24 19	2 0	25 39	2 0	26 25	2 53	24 29	0 41	14 14	1 39	24 16	0 26	20 0	0 57	23 23	1 1	13 17	13 18	25 53		n.a.
W26	19 2	4 28	1 42	24 27	1 55	25 30	1 54	26 28	2 56	24 29	0 41	14 16	1 39	24 16	0 26	20 0	0 57	23 23	1 1	13 17	13 19	25 51		n.a.
T 27	19 17	1n32	2 42	24 33	1 50	25 21	1 48	26 31	2 58	24 29	0 41	14 18	1 39	24 16	0 26	20 0	0 57	23 23	1 1	13 18	13 20	25 49		n.a.
F 28	19 32	7 39	3 35	24 37	1 44	25 11	1 41	26 34	3 1	24 29	0 41	14 21	1 39	24 16	0 26	20 0	0 58	23 24	1 1	13 20	13 21	25 48		n.a.
S 29	19 47	13 37	4 19	24 39	1 37	25 1	1 34	26 37	3 4	24 28	0 42	14 23	1 39	24 16	0 26	20 0	0 58	23 24	1 1	13 23	13 22	25 46		n.a.
S 30	20s 1	19n 6	4n48	24s39	1s29	24s51	1s27	26n40	3n 6	24s28	0s42	14s25	1n39	24s16	0s26	20n 1	0n58	23s25	1s 1	13s26	13s23	25s45		n.a.

Julian Day Number = 1285253.5, Delta T = 08h04m21s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'29, Lahiri = -20°26'28 Julian Calendar 1 Nov. 1195 BCE == Greg. Calendar 21 Oct. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1195 BCE
geocentric

DECEMBER 1195 BCE (-1194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 54 7	28♏53'28	22♉59	17♐59	11♑13	8°R 8	4♑22	13♏ 3	0♑50	6°R 1	10♐35	24°R42	25♒ 0	17♑48	n.a.	M 1
T 2	3 58 3	29°54'43	7♊44	19° 2	11°50	7♋59	4°35	13°10	0°53	6♌ 1	10°37	24♒29	24°56	17°55	n.a.	T 2
W 3	4 2 0	0♐55'57	22°38	19°59	12°25	7°50	4°48	13°17	0°56	6° 0	10°39	24°18	24°53	18° 2	n.a.	W 3
T 4	4 5 56	1°57'11	7♋31	20°49	12°59	7°39	5° 2	13°24	0°59	6° 0	10°41	24°10	24°50	18° 8	n.a.	T 4
F 5	4 9 53	2°58'25	22°17	21°31	13°31	7°28	5°15	13°31	1° 3	5°59	10°43	24° 4	24°47	18°15	n.a.	F 5
S 6	4 13 50	3°59'38	6♌47	22° 5	14° 2	7°17	5°28	13°37	1° 6	5°59	10°45	24° 1	24°44	18°22	n.a.	S 6
S 7	4 17 46	5° 0'51	21° 0	22°29	14°31	7° 4	5°41	13°44	1° 9	5°58	10°47	24°D 0	24°41	18°28	n.a.	S 7
M 8	4 21 43	6° 2'03	4♍54	22°43	14°58	6°51	5°55	13°51	1°12	5°57	10°49	24°R 0	24°37	18°35	n.a.	M 8
T 9	4 25 39	7° 3'16	18°30	22°R45	15°24	6°37	6° 8	13°57	1°15	5°57	10°51	24° 0	24°34	18°42	n.a.	T 9
W10	4 29 36	8° 4'27	1♎49	22°36	15°48	6°22	6°22	14° 4	1°19	5°56	10°53	23°58	24°31	18°48	n.a.	W10
T 11	4 33 32	9° 5'38	14°54	22°16	16°10	6° 6	6°35	14°11	1°22	5°55	10°55	23°53	24°28	18°55	n.a.	T 11
F 12	4 37 29	10° 6'49	27°46	21°44	16°30	5°50	6°49	14°17	1°25	5°55	10°57	23°45	24°25	19° 2	n.a.	F 12
S 13	4 41 25	11° 7'59	10♏27	21° 0	16°48	5°33	7° 2	14°24	1°29	5°54	10°59	23°35	24°22	19° 8	n.a.	S 13
S 14	4 45 22	12° 9'08	22°58	20° 7	17° 4	5°15	7°16	14°30	1°32	5°53	11° 1	23°22	24°18	19°15	n.a.	S 14
M15	4 49 19	13°10'17	5♐18	19° 6	17°18	4°57	7°30	14°37	1°35	5°52	11° 3	23° 9	24°15	19°22	n.a.	M15
T 16	4 53 15	14°11'24	17°30	17°57	17°30	4°38	7°44	14°43	1°39	5°51	11° 5	22°55	24°12	19°28	n.a.	T 16
W17	4 57 12	15°12'31	29°32	16°44	17°39	4°18	7°57	14°49	1°42	5°50	11° 7	22°43	24° 9	19°35	n.a.	W17
T 18	5 1 8	16°13'36	11♑27	15°28	17°46	3°58	8°11	14°56	1°45	5°49	11° 9	22°33	24° 6	19°42	n.a.	T 18
F 19	5 5 5	17°14'41	23°17	14°12	17°51	3°37	8°25	15° 2	1°49	5°48	11°11	22°26	24° 2	19°49	n.a.	F 19
S 20	5 9 1	18°15'44	5♒ 4	12°58	17°R53	3°16	8°39	15° 8	1°52	5°48	11°13	22°22	23°59	19°55	n.a.	S 20
S 21	5 12 58	19°16'45	16°51	11°48	17°53	2°54	8°53	15°15	1°56	5°47	11°15	22°D20	23°56	20° 2	n.a.	S 21
M22	5 16 55	20°17'46	28°44	10°44	17°51	2°32	9° 7	15°21	1°59	5°45	11°17	22°20	23°53	20° 9	n.a.	M22
T 23	5 20 51	21°18'44	10♓46	9°46	17°45	2°10	9°21	15°27	2° 2	5°44	11°19	22°21	23°50	20°15	n.a.	T 23
W24	5 24 48	22°19'42	23° 4	8°57	17°38	1°47	9°35	15°33	2° 6	5°43	11°21	22°R22	23°47	20°22	n.a.	W24
T 25	5 28 44	23°20'37	5♈43	8°15	17°27	1°24	9°49	15°39	2° 9	5°42	11°23	22°21	23°43	20°29	n.a.	T 25
F 26	5 32 41	24°21'31	18°46	7°43	17°15	1° 1	10° 3	15°45	2°13	5°41	11°25	22°18	23°40	20°35	n.a.	F 26
S 27	5 36 37	25°22'24	2♉19	7°19	16°59	0°37	10°17	15°51	2°16	5°40	11°27	22°13	23°37	20°42	n.a.	S 27
S 28	5 40 34	26°23'15	16°22	7° 3	16°41	0°13	10°32	15°57	2°20	5°39	11°29	22° 6	23°34	20°49	n.a.	S 28
M29	5 44 30	27°24'04	0♊53	6°D55	16°21	29♊49	10°46	16° 3	2°23	5°38	11°31	21°57	23°31	20°55	n.a.	M29
T 30	5 48 27	28°24'52	15°47	6°55	15°58	29°26	11° 0	16° 9	2°27	5°36	11°33	21°48	23°28	21° 2	n.a.	T 30
W31	5 52 24	29♐25'38	0♋55	7♐ 2	15♑34	29♊ 2	11♑14	16♏14	2♑30	5♌35	11♐35	21♒40	23♒24	21♑ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s15	23n39	5n 0	24s36	1s20	24s40	1s19	26n44	3n 9	24s27	0s42	14s27	1n39	24s16	0s26	20n 1	0n58	23s25	1s 1	13s30	13s24	25s43			n.a.
T 2	20 28	26 46	4 52	24 32	1 9	24 29	1 11	26 47	3 12	24 27	0 42	14 29	1 39	24 16	0 26	20 1	0 58	23 25	1 1	13 35	13 25	25 41			n.a.
W 3	20 41	28 2	4 25	24 25	0 58	24 17	1 3	26 50	3 14	24 27	0 42	14 31	1 39	24 16	0 26	20 1	0 58	23 26	1 1	13 38	13 27	25 40			n.a.
T 4	20 54	27 16	3 39	24 16	0 45	24 6	0 54	26 53	3 17	24 26	0 42	14 33	1 39	24 16	0 26	20 1	0 58	23 26	1 1	13 41	13 28	25 38			n.a.
F 5	21 6	24 35	2 39	24 5	0 31	23 53	0 45	26 57	3 20	24 26	0 42	14 35	1 39	24 16	0 26	20 1	0 58	23 26	1 1	13 43	13 29	25 37			n.a.
S 6	21 18	20 20	1 30	23 52	0 16	23 41	0 36	27 0	3 22	24 25	0 42	14 37	1 39	24 16	0 26	20 1	0 58	23 27	1 2	13 44	13 30	25 35			n.a.
S 7	21 29	14 59	0 16	23 38	0 0	23 28	0 27	27 3	3 25	24 25	0 42	14 39	1 39	24 16	0 26	20 2	0 58	23 27	1 2	13 44	13 31	25 33			n.a.
M 8	21 40	8 59	0s57	23 21	0n17	23 15	0 17	27 6	3 27	24 24	0 42	14 41	1 39	24 16	0 26	20 2	0 58	23 28	1 2	13 44	13 32	25 32			n.a.
T 9	21 51	2 42	2 6	23 3	0 35	23 2	0 6	27 10	3 30	24 23	0 42	14 43	1 39	24 16	0 26	20 2	0 58	23 28	1 2	13 45	13 33	25 30			n.a.
W10	22 1	3s34	3 6	22 44	0 54	22 49	0n 4	27 13	3 32	24 23	0 42	14 45	1 39	24 16	0 26	20 2	0 58	23 28	1 2	13 45	13 34	25 28			n.a.
T 11	22 11	9 34	3 55	22 24	1 13	22 36	0 15	27 16	3 35	24 22	0 42	14 47	1 39	24 15	0 26	20 2	0 58	23 29	1 2	13 47	13 35	25 27			n.a.
F 12	22 20	15 4	4 31	22 3	1 32	22 22	0 26	27 19	3 37	24 22	0 42	14 49	1 39	24 15	0 26	20 3	0 58	23 29	1 2	13 49	13 36	25 25			n.a.
S 13	22 29	19 50	4 53	21 41	1 51	22 8	0 38	27 23	3 40	24 21	0 42	14 51	1 39	24 15	0 26	20 3	0 58	23 29	1 2	13 53	13 37	25 23			n.a.
S 14	22 38	23 40	5 1	21 19	2 10	21 54	0 50	27 26	3 42	24 20	0 42	14 53	1 39	24 15	0 26	20 3	0 58	23 30	1 2	13 57	13 38	25 22			n.a.
M15	22 46	26 22	4 54	20 56	2 27	21 40	1 2	27 29	3 44	24 19	0 42	14 55	1 39	24 15	0 26	20 3	0 58	23 30	1 2	14 2	13 39	25 20			n.a.
T 16	22 53	27 47	4 34	20 34	2 43	21 26	1 15	27 32	3 46	24 19	0 42	14 57	1 39	24 15	0 26	20 4	0 58	23 31	1 2	14 6	13 41	25 18			n.a.
W17	23 0	27 52	4 2	20 13	2 58	21 12	1 28	27 35	3 49	24 18	0 42	14 59	1 39	24 15	0 26	20 4	0 58	23 31	1 3	14 10	13 42	25 16			n.a.
T 18	23 7	26 39	3 19	19 53	3 10	20 58	1 41	27 37	3 51	24 17	0 42	15 1	1 39	24 15	0 26	20 4	0 58	23 31	1 3	14 13	13 43	25 15			n.a.
F 19	23 13	24 14	2 28	19 35	3 20	20 44	1 54	27 40	3 53	24 16	0 42	15 2	1 39	24 15	0 26	20 4	0 58	23 32	1 3	14 16	13 44	25 13			n.a.
S 20	23 19	20 47	1 31	19 18	3 28	20 30	2 8	27 43	3 55	24 15	0 42	15 4	1 39	24 15	0 26	20 5	0 58	23 32	1 3	14 17	13 45	25 11			n.a.
S 21	23 24	16 31	0 29	19 4	3 33	20 16	2 22	27 45	3 57	24 14	0 42	15 6	1 39	24 15	0 26	20 5	0 58	23 32	1 3	14 18	13 46	25 9			n.a.
M22	23 29	11 35	0n34	18 52	3 36	20 3	2 36	27 47	3 58	24 14	0 43	15 8	1 39	24 15	0 26	20 5	0 58	23 33	1 3	14 18	13 47	25 8			n.a.
T 23	23 33	6 9	1 37	18 43	3 36	19 49	2 51	27 49	4 0	24 13	0 43	15 10	1 39	24 15	0 26	20 6	0 59	23 33	1 3	14 17	13 48	25 6			n.a.
W24	23 37	0 24	2 37	18 37	3 35	19 36	3 5	27 51	4 2	24 12	0 43	15 11	1 39	24 15	0 26	20 6	0 59	23 33	1 3	14 17	13 49	25 4			n.a.
T 25	23 40	5n31	3 31	18 34	3 32	19 22	3 20	27 53	4 3	24 11	0 43	15 13	1 39	24 15	0 26	20 6	0 59	23 34	1 3	14 18	13 50	25 2			n.a.
F 26	23 43	11 24	4 15	18 33	3 27	19 9	3 35	27 55	4 5	24 10	0 43	15 15	1 39	24 15	0 26	20 7	0 59	23 34	1 3	14 19	13 51	25 1			n.a.
S 27	23 45	16 58	4 48	18 35	3 21	18 56	3 50	27 56	4 6	24 9	0 43	15 16	1 39	24 15	0 26	20 7	0 59	23 35	1 3	14 20	13 52	24 59			n.a.
S 28	23 47	21 51	5 4	18 40	3 14	18 44	4 5	27 58	4 8	24 8	0 43	15 18	1 39	24 15	0 26	20 7	0 59	23 35	1 4	14 23	13 53	24 57			n.a.
M29	23 49	25 36	5 2	18 47	3 6	18 31	4 20	27 59	4 9	24 6	0 43	15 20	1 39	24 15	0 26	20 8	0 59	23 35	1 4	14 25	13 54	24 55			n.a.
T 30	23 50	27 42	4 40	18 55	2 57	18 19	4 34	28 0	4 10	24 5	0 43	15 21	1 39	24 15	0 26	20 8	0 59	23 36	1 4	14 28	13 55	24 54			n.a.
W31	23s50	27n48	3n58	19s 6	2n47	18s 8	4n49	28n 1	4n11	24s 4	0s43	15s23	1n40	24s14	0s26	20n 8	0n59	23s36	1s 4	14s31	13s57	24s52			n.a.

Julian Day Number = 1285283.5, Delta T = 08h04m19s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'25, Lahiri = -20°26'24 Julian Calendar 1 Dec. 1195 BCE == Greg. Calendar 20 Nov. 1195 BCE

The year -1194 astronomical counting style corresponds to year 1195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

JANUARY 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 20	0♉26'23	16♋ 8	7♐16	15°R 7	28°R38	11♉28	16♏20	2♉34	5°R34	11♐37	21°R34	23♒21	21♉15	n.a.	T 1
F 2	6 0 17	1°27'07	1♌15	7°37	14♉38	28♊14	11°43	16°26	2°37	5♌33	11°38	21♒30	23°18	21°22	n.a.	F 2
S 3	6 4 13	2°27'48	16° 8	8° 3	14° 7	27°50	11°57	16°31	2°41	5°31	11°40	21°D28	23°15	21°29	n.a.	S 3
S 4	6 8 10	3°28'29	0♍39	8°34	13°34	27°26	12°11	16°37	2°44	5°30	11°42	21°28	23°12	21°35	n.a.	S 4
M 5	6 12 6	4°29'08	14°47	9°10	13° 0	27° 3	12°26	16°42	2°48	5°29	11°44	21°29	23° 9	21°42	n.a.	M 5
T 6	6 16 3	5°29'46	28°30	9°51	12°25	26°40	12°40	16°48	2°51	5°27	11°46	21°31	23° 5	21°49	n.a.	T 6
W 7	6 19 59	6°30'22	11♎51	10°35	11°49	26°17	12°54	16°53	2°55	5°26	11°48	21°R31	23° 2	21°55	n.a.	W 7
T 8	6 23 56	7°30'57	24°50	11°24	11°12	25°54	13° 9	16°58	2°58	5°24	11°50	21°29	22°59	22° 2	n.a.	T 8
F 9	6 27 53	8°31'31	7♏33	12°16	10°35	25°32	13°23	17° 3	3° 2	5°23	11°52	21°25	22°56	22° 9	n.a.	F 9
S 10	6 31 49	9°32'03	20° 1	13°11	9°57	25°10	13°37	17° 9	3° 5	5°21	11°53	21°20	22°53	22°15	n.a.	S 10
S 11	6 35 46	10°32'34	2♐18	14° 9	9°20	24°48	13°52	17°14	3° 8	5°20	11°55	21°13	22°49	22°22	n.a.	S 11
M12	6 39 42	11°33'03	14°25	15°10	8°42	24°27	14° 6	17°19	3°12	5°19	11°57	21° 5	22°46	22°29	n.a.	M12
T 13	6 43 39	12°33'31	26°24	16°13	8° 6	24° 7	14°20	17°24	3°15	5°17	11°59	20°57	22°43	22°35	n.a.	T 13
W14	6 47 35	13°33'56	8♑19	17°19	7°30	23°47	14°35	17°29	3°19	5°16	12° 0	20°51	22°40	22°42	n.a.	W14
T 15	6 51 32	14°34'20	20° 9	18°27	6°55	23°28	14°49	17°33	3°22	5°14	12° 2	20°45	22°37	22°49	n.a.	T 15
F 16	6 55 29	15°34'42	1♒57	19°37	6°21	23° 9	15° 4	17°38	3°26	5°12	12° 4	20°42	22°34	22°55	n.a.	F 16
S 17	6 59 25	16°35'02	13°44	20°49	5°48	22°51	15°18	17°43	3°29	5°11	12° 6	20°40	22°30	23° 2	n.a.	S 17
S 18	7 3 22	17°35'20	25°35	22° 3	5°18	22°33	15°32	17°48	3°33	5° 9	12° 7	20°D40	22°27	23° 9	n.a.	S 18
M19	7 7 18	18°35'35	7♓31	23°18	4°49	22°17	15°47	17°52	3°36	5° 8	12° 9	20°41	22°24	23°15	n.a.	M19
T 20	7 11 15	19°35'49	19°36	24°35	4°22	22° 0	16° 1	17°57	3°39	5° 6	12°11	20°42	22°21	23°22	n.a.	T 20
W21	7 15 11	20°36'00	1♈54	25°53	3°57	21°45	16°16	18° 1	3°43	5° 5	12°12	20°44	22°18	23°29	n.a.	W21
T 22	7 19 8	21°36'09	14°31	27°14	3°34	21°30	16°30	18° 5	3°46	5° 3	12°14	20°45	22°14	23°35	n.a.	T 22
F 23	7 23 4	22°36'16	27°29	28°35	3°13	21°17	16°44	18°10	3°49	5° 1	12°16	20°R45	22°11	23°42	n.a.	F 23
S 24	7 27 1	23°36'21	10♉53	29°58	2°55	21° 4	16°59	18°14	3°53	5° 0	12°17	20°44	22° 8	23°49	n.a.	S 24
S 25	7 30 57	24°36'23	24°45	1♉22	2°39	20°51	17°13	18°18	3°56	4°58	12°19	20°42	22° 5	23°55	n.a.	S 25
M26	7 34 54	25°36'23	9♊ 5	2°48	2°26	20°40	17°27	18°22	3°59	4°57	12°20	20°39	22° 2	24° 2	n.a.	M26
T 27	7 38 51	26°36'21	23°50	4°15	2°15	20°29	17°42	18°26	4° 3	4°55	12°22	20°35	21°59	24° 9	n.a.	T 27
W28	7 42 47	27°36'17	8♋54	5°43	2° 7	20°19	17°56	18°30	4° 6	4°53	12°23	20°32	21°55	24°15	n.a.	W28
T 29	7 46 44	28°36'10	24° 8	7°12	2° 1	20°10	18°10	18°34	4° 9	4°52	12°25	20°30	21°52	24°22	n.a.	T 29
F 30	7 50 40	29°36'01	9♌22	8°42	1°58	20° 1	18°24	18°37	4°12	4°50	12°26	20°28	21°49	24°29	n.a.	F 30
S 31	7 54 37	0♒35'50	24♌27	10♉14	1°D57	19♊54	18♉39	18♏41	4♉16	4♌48	12♐28	20°D28	21♒46	24♉35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s50	25n48	2n58	19 s18	2n38	17 s57	5n 3	28n 1	4n12	24 s 3	0 s43	15 s25	1n40	24 s14	0 s26	20n 9	0n59	23 s36	1 s 4	14 s33	13 s58	24 s50			n.a.
F 2	23 50	21 57	1 47	19 31	2 27	17 46	5 17	28 2	4 12	24 2	0 43	15 26	1 40	24 14	0 26	20 9	0 59	23 37	1 4	14 34	13 59	24 48			n.a.
S 3	23 49	16 43	0 29	19 46	2 17	17 35	5 31	28 2	4 13	24 1	0 43	15 28	1 40	24 14	0 26	20 9	0 59	23 37	1 4	14 35	14 0	24 46			n.a.
S 4	23 48	10 39	0 s49	20 1	2 6	17 25	5 44	28 2	4 14	23 59	0 43	15 29	1 40	24 14	0 26	20 10	0 59	23 38	1 4	14 35	14 1	24 44			n.a.
M 5	23 46	4 13	2 3	20 17	1 56	17 16	5 57	28 2	4 14	23 58	0 43	15 31	1 40	24 14	0 26	20 10	0 59	23 38	1 4	14 34	14 2	24 43			n.a.
T 6	23 43	2 s14	3 7	20 34	1 45	17 7	6 10	28 2	4 14	23 57	0 44	15 32	1 40	24 14	0 26	20 10	0 59	23 38	1 4	14 34	14 3	24 41			n.a.
W 7	23 41	8 24	3 58	20 51	1 34	16 58	6 21	28 2	4 15	23 55	0 44	15 34	1 40	24 14	0 26	20 11	0 59	23 39	1 5	14 34	14 4	24 39			n.a.
T 8	23 37	14 3	4 37	21 8	1 24	16 51	6 32	28 1	4 15	23 54	0 44	15 35	1 40	24 14	0 26	20 11	0 59	23 39	1 5	14 35	14 5	24 37			n.a.
F 9	23 34	18 59	5 0	21 26	1 13	16 43	6 42	28 0	4 15	23 53	0 44	15 37	1 40	24 14	0 26	20 12	0 59	23 39	1 5	14 36	14 6	24 35			n.a.
S 10	23 29	22 59	5 9	21 43	1 3	16 37	6 52	28 0	4 15	23 51	0 44	15 38	1 40	24 14	0 26	20 12	0 59	23 40	1 5	14 38	14 7	24 33			n.a.
S 11	23 25	25 55	5 3	22 0	0 53	16 31	7 1	27 59	4 15	23 50	0 44	15 40	1 40	24 14	0 26	20 12	0 59	23 40	1 5	14 40	14 8	24 31			n.a.
M12	23 20	27 37	4 44	22 17	0 43	16 25	7 9	27 58	4 15	23 48	0 44	15 41	1 40	24 14	0 26	20 13	0 59	23 40	1 5	14 42	14 9	24 30			n.a.
T 13	23 14	28 0	4 13	22 34	0 33	16 20	7 16	27 56	4 14	23 47	0 44	15 42	1 40	24 14	0 26	20 13	0 59	23 41	1 5	14 45	14 10	24 28			n.a.
W14	23 8	27 4	3 30	22 50	0 23	16 16	7 22	27 55	4 14	23 45	0 44	15 44	1 40	24 14	0 26	20 14	0 59	23 41	1 5	14 47	14 11	24 26			n.a.
T 15	23 2	24 55	2 39	23 6	0 14	16 13	7 27	27 53	4 13	23 44	0 44	15 45	1 40	24 13	0 26	20 14	0 59	23 41	1 5	14 49	14 12	24 24			n.a.
F 16	22 55	21 41	1 40	23 21	0 5	16 10	7 32	27 52	4 13	23 42	0 44	15 46	1 41	24 13	0 26	20 14	0 59	23 42	1 5	14 50	14 13	24 22			n.a.
S 17	22 47	17 35	0 38	23 35	0 s 4	16 8	7 35	27 50	4 12	23 41	0 44	15 47	1 41	24 13	0 26	20 15	0 59	23 42	1 6	14 51	14 14	24 20			n.a.
S 18	22 40	12 47	0n27	23 49	0 13	16 6	7 38	27 49	4 11	23 39	0 45	15 49	1 41	24 13	0 26	20 15	0 59	23 42	1 6	14 51	14 16	24 18			n.a.
M19	22 31	7 29	1 31	24 1	0 22	16 5	7 40	27 47	4 11	23 38	0 45	15 50	1 41	24 13	0 26	20 16	0 59	23 43	1 6	14 50	14 17	24 16			n.a.
T 20	22 23	1 52	2 32	24 13	0 30	16 5	7 41	27 45	4 10	23 36	0 45	15 51	1 41	24 13	0 26	20 16	0 59	23 43	1 6	14 50	14 18	24 14			n.a.
W21	22 14	3n56	3 27	24 24	0 38	16 6	7 41	27 43	4 9	23 34	0 45	15 52	1 41	24 13	0 26	20 16	0 59	23 43	1 6	14 49	14 19	24 12			n.a.
T 22	22 4	9 42	4 14	24 34	0 45	16 7	7 41	27 41	4 8	23 33	0 45	15 53	1 41	24 13	0 26	20 17	0 59	23 44	1 6	14 49	14 20	24 10			n.a.
F 23	21 54	15 14	4 49	24 42	0 53	16 9	7 39	27 39	4 7	23 31	0 45	15 54	1 41	24 13	0 26	20 17	0 59	23 44	1 6	14 49	14 21	24 8			n.a.
S 24	21 44	20 14	5 10	24 50	1 0	16 11	7 37	27 37	4 6	23 29	0 45	15 55	1 41	24 13	0 26	20 18	0 59	23 44	1 6	14 49	14 22	24 7			n.a.
S 25	21 34	24 20	5 14	24 56	1 6	16 14	7 35	27 35	4 4	23 27	0 45	15 57	1 41	24 13	0 26	20 18	0 59	23 45	1 6	14 50	14 23	24 5			n.a.
M26	21 22	27 5	4 58	25 1	1 13	16 17	7 32	27 33	4 3	23 26	0 45	15 58	1 41	24 13	0 26	20 18	0 59	23 45	1 7	14 51	14 24	24 3			n.a.
T 27	21 11	28 4	4 23	25 5	1 19	16 21	7 28	27 31	4 2	23 24	0 45	15 59	1 41	24 12	0 26	20 19	0 59	23 45	1 7	14 52	14 25	24 1			n.a.
W28	20 59	27 1	3 29	25 7	1 25	16 25	7 24	27 29	4 1	23 22	0 46	16 0	1 42	24 12	0 26	20 19	0 59	23 46	1 7	14 53	14 26	23 59			n.a.
T 29	20 47	23 57	2 20	25 8	1 30	16 30	7 19	27 27	3 59	23 20	0 46	16 1	1 42	24 12	0 26	20 20	1 0	23 46	1 7	14 54	14 27	23 57			n.a.
F 30	20 34	19 11	1 1	25 8	1 35	16 35	7 14	27 25	3 58	23 18	0 46	16 1	1 42	24 12	0 26	20 20	1 0	23 46	1 7	14 54	14 28	23 55			n.a.
S 31	20 s21	13n15	0 s22	25 s 6	1 s40	16 s41	7n 8	27n23	3n56	23 s16	0 s46	16 s 2	1n42	24 s12	0 s26	20n21	1n 0	23 s47	1 s 7	14 s54	14 s29	23 s53			n.a.

Julian Day Number = 1285314.5, Delta T = 08h04m17s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'21, Lahiri = -20°26'20 Julian Calendar 1 Jan. 1194 BCE == Greg. Calendar 21 Dec. 1195 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

FEBRUARY 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 33	1♒35'37	9♍15	11♑47	1♑58	19°R47	18♑53	18♏44	4♑19	4°R47	12♐29	20♒29	21♒43	24♑42	n.a.	S 1
M 2	8 2 30	2°35'22	23°38	13°21	2° 2	19♊41	19° 7	18°48	4°22	4♌45	12°31	20°30	21°40	24°49	n.a.	M 2
T 3	8 6 26	3°35'05	7♎35	14°57	2° 8	19°36	19°21	18°51	4°25	4°43	12°32	20°31	21°36	24°55	n.a.	T 3
W 4	8 10 23	4°34'46	21° 5	16°33	2°17	19°31	19°35	18°55	4°28	4°42	12°34	20°32	21°33	25° 2	n.a.	W 4
T 5	8 14 20	5°34'26	4♏10	18°11	2°27	19°27	19°49	18°58	4°31	4°40	12°35	20°R33	21°30	25° 9	n.a.	T 5
F 6	8 18 16	6°34'04	16°53	19°50	2°40	19°24	20° 4	19° 1	4°34	4°38	12°36	20°32	21°27	25°15	n.a.	F 6
S 7	8 22 13	7°33'39	29°17	21°30	2°55	19°22	20°18	19° 4	4°38	4°37	12°38	20°32	21°24	25°22	n.a.	S 7
S 8	8 26 9	8°33'13	11♐28	23°12	3°12	19°21	20°32	19° 7	4°41	4°35	12°39	20°30	21°20	25°28	n.a.	S 8
M 9	8 30 6	9°32'45	23°27	24°54	3°31	19°D20	20°46	19°10	4°44	4°33	12°40	20°29	21°17	25°35	n.a.	M 9
T 10	8 34 2	10°32'15	5♑20	26°38	3°52	19°20	21° 0	19°12	4°47	4°32	12°41	20°27	21°14	25°42	n.a.	T 10
W11	8 37 59	11°31'43	17° 9	28°23	4°14	19°21	21°14	19°15	4°50	4°30	12°43	20°26	21°11	25°48	n.a.	W11
T 12	8 41 55	12°31'09	28°56	0♒10	4°39	19°23	21°28	19°18	4°52	4°28	12°44	20°25	21° 8	25°55	n.a.	T 12
F 13	8 45 52	13°30'33	10♒45	1°58	5° 5	19°25	21°41	19°20	4°55	4°27	12°45	20°24	21° 5	26° 2	n.a.	F 13
S 14	8 49 49	14°29'54	22°37	3°47	5°32	19°28	21°55	19°23	4°58	4°25	12°46	20°D24	21° 1	26° 8	n.a.	S 14
S 15	8 53 45	15°29'13	4♓35	5°37	6° 2	19°31	22° 9	19°25	5° 1	4°24	12°47	20°24	20°58	26°15	n.a.	S 15
M16	8 57 42	16°28'30	16°40	7°29	6°32	19°36	22°23	19°27	5° 4	4°22	12°48	20°25	20°55	26°22	n.a.	M16
T 17	9 1 38	17°27'45	28°55	9°22	7° 4	19°41	22°37	19°29	5° 7	4°20	12°49	20°25	20°52	26°28	n.a.	T 17
W18	9 5 35	18°26'57	11♈22	11°16	7°38	19°46	22°50	19°31	5°10	4°19	12°50	20°25	20°49	26°35	n.a.	W18
T 19	9 9 31	19°26'06	24° 5	13°12	8°13	19°53	23° 4	19°33	5°12	4°17	12°51	20°25	20°46	26°42	n.a.	T 19
F 20	9 13 28	20°25'14	7♉ 5	15° 8	8°49	20° 0	23°18	19°35	5°15	4°15	12°52	20°R25	20°42	26°48	n.a.	F 20
S 21	9 17 24	21°24'19	20°26	17° 6	9°26	20° 7	23°31	19°37	5°18	4°14	12°53	20°D25	20°39	26°55	n.a.	S 21
S 22	9 21 21	22°23'21	4♊ 8	19° 6	10° 5	20°16	23°45	19°38	5°20	4°12	12°54	20°26	20°36	27° 2	n.a.	S 22
M23	9 25 17	23°22'21	18°14	21° 6	10°44	20°25	23°58	19°40	5°23	4°11	12°55	20°26	20°33	27° 8	n.a.	M23
T 24	9 29 14	24°21'19	2♋41	23° 8	11°25	20°34	24°11	19°42	5°25	4° 9	12°56	20°26	20°30	27°15	n.a.	T 24
W25	9 33 11	25°20'14	17°26	25°10	12° 7	20°44	24°25	19°43	5°28	4° 8	12°57	20°26	20°26	27°22	n.a.	W25
T 26	9 37 7	26°19'07	2♌24	27°13	12°50	20°55	24°38	19°44	5°31	4° 6	12°58	20°27	20°23	27°28	n.a.	T 26
F 27	9 41 4	27°17'57	17°27	29°17	13°33	21° 6	24°51	19°45	5°33	4° 5	12°59	20°R27	20°20	27°35	n.a.	F 27
S 28	9 45 0	28♒16'46	2♍28	1♓22	14♑18	21♊18	25♑ 4	19♏46	5♑35	4♌ 3	12♐59	20♒27	20♒17	27♑42	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20s 8	6n40	1s42	25s 2	1s44	16s47	7n 3	27n20	3n55	23s15	0s46	16s 3	1n42	24s12	0s26	20n21	1n 0	23s47	1s 7	14s54	14s30	23s51		n.a.	S 1
M 2	19 55	0s 4	2 53	24 57	1 48	16 53	6 56	27 19	3 53	23 13	0 46	16 4	1 42	24 12	0 26	20 21	1 0	23 47	1 7	14 54	14 31	23 49		n.a.	M 2
T 3	19 41	6 36	3 52	24 50	1 52	17 0	6 50	27 17	3 52	23 11	0 46	16 5	1 42	24 12	0 26	20 22	1 0	23 47	1 7	14 53	14 32	23 47		n.a.	T 3
W 4	19 26	12 36	4 36	24 42	1 55	17 6	6 43	27 15	3 50	23 9	0 46	16 6	1 42	24 12	0 26	20 22	1 0	23 48	1 8	14 53	14 33	23 45		n.a.	W 4
T 5	19 12	17 52	5 4	24 32	1 58	17 13	6 36	27 13	3 49	23 7	0 47	16 7	1 42	24 12	0 26	20 23	1 0	23 48	1 8	14 53	14 34	23 43		n.a.	T 5
F 6	18 56	22 11	5 16	24 20	2 1	17 20	6 29	27 11	3 47	23 5	0 47	16 7	1 42	24 12	0 26	20 23	1 0	23 48	1 8	14 53	14 35	23 41		n.a.	F 6
S 7	18 41	25 25	5 13	24 6	2 3	17 27	6 21	27 9	3 46	23 3	0 47	16 8	1 43	24 11	0 26	20 24	1 0	23 49	1 8	14 53	14 36	23 39		n.a.	S 7
S 8	18 26	27 25	4 56	23 51	2 4	17 34	6 14	27 7	3 44	23 1	0 47	16 9	1 43	24 11	0 26	20 24	1 0	23 49	1 8	14 54	14 37	23 37		n.a.	S 8
M 9	18 10	28 6	4 26	23 34	2 5	17 42	6 6	27 6	3 42	22 59	0 47	16 9	1 43	24 11	0 26	20 24	1 0	23 49	1 8	14 54	14 38	23 34		n.a.	M 9
T 10	17 53	27 28	3 45	23 14	2 6	17 49	5 58	27 4	3 41	22 57	0 47	16 10	1 43	24 11	0 26	20 25	1 0	23 50	1 8	14 55	14 39	23 32		n.a.	T 10
W11	17 37	25 36	2 54	22 53	2 6	17 56	5 50	27 2	3 39	22 55	0 47	16 11	1 43	24 11	0 26	20 25	1 0	23 50	1 8	14 55	14 41	23 30		n.a.	W11
T 12	17 20	22 37	1 56	22 30	2 6	18 4	5 42	27 1	3 37	22 52	0 47	16 11	1 43	24 11	0 26	20 26	1 0	23 50	1 9	14 56	14 42	23 28		n.a.	T 12
F 13	17 3	18 41	0 53	22 5	2 6	18 11	5 34	26 59	3 36	22 50	0 48	16 12	1 43	24 11	0 26	20 26	1 0	23 50	1 9	14 56	14 43	23 26		n.a.	F 13
S 14	16 45	14 1	0n12	21 38	2 4	18 18	5 26	26 58	3 34	22 48	0 48	16 13	1 43	24 11	0 26	20 26	1 0	23 51	1 9	14 56	14 44	23 24		n.a.	S 14
S 15	16 28	8 47	1 18	21 10	2 3	18 25	5 18	26 57	3 32	22 46	0 48	16 13	1 43	24 11	0 26	20 27	1 0	23 51	1 9	14 56	14 45	23 22		n.a.	S 15
M16	16 10	3 11	2 21	20 39	2 0	18 32	5 9	26 55	3 31	22 44	0 48	16 14	1 44	24 11	0 26	20 27	1 0	23 51	1 9	14 56	14 46	23 20		n.a.	M16
T 17	15 51	2n35	3 18	20 6	1 58	18 38	5 1	26 54	3 29	22 42	0 48	16 14	1 44	24 11	0 26	20 28	1 0	23 51	1 9	14 55	14 47	23 18		n.a.	T 17
W18	15 33	8 21	4 7	19 31	1 54	18 45	4 53	26 53	3 27	22 40	0 48	16 14	1 44	24 10	0 26	20 28	1 0	23 52	1 9	14 55	14 48	23 16		n.a.	W18
T 19	15 14	13 53	4 45	18 54	1 51	18 51	4 44	26 52	3 26	22 37	0 48	16 15	1 44	24 10	0 26	20 28	1 0	23 52	1 9	14 55	14 49	23 14		n.a.	T 19
F 20	14 55	18 58	5 9	18 15	1 46	18 57	4 36	26 50	3 24	22 35	0 49	16 15	1 44	24 10	0 26	20 29	1 0	23 52	1 9	14 55	14 50	23 12		n.a.	F 20
S 21	14 36	23 15	5 18	17 34	1 41	19 3	4 28	26 49	3 22	22 33	0 49	16 16	1 44	24 10	0 26	20 29	1 0	23 52	1 10	14 55	14 51	23 9		n.a.	S 21
S 22	14 17	26 23	5 9	16 52	1 36	19 8	4 20	26 48	3 20	22 31	0 49	16 16	1 44	24 10	0 26	20 30	1 0	23 53	1 10	14 55	14 52	23 7		n.a.	S 22
M23	13 57	27 58	4 41	16 7	1 30	19 13	4 11	26 47	3 19	22 29	0 49	16 16	1 44	24 10	0 26	20 30	1 0	23 53	1 10	14 55	14 53	23 5		n.a.	M23
T 24	13 37	27 44	3 56	15 20	1 23	19 18	4 3	26 46	3 17	22 26	0 49	16 17	1 44	24 10	0 26	20 30	1 0	23 53	1 10	14 55	14 54	23 3		n.a.	T 24
W25	13 17	25 33	2 53	14 32	1 16	19 23	3 55	26 45	3 15	22 24	0 49	16 17	1 45	24 10	0 26	20 31	1 0	23 53	1 10	14 55	14 55	23 1		n.a.	W25
T 26	12 57	21 33	1 39	13 42	1 8	19 27	3 47	26 45	3 14	22 22	0 49	16 17	1 45	24 10	0 26	20 31	1 0	23 54	1 10	14 55	14 56	22 59		n.a.	T 26
F 27	12 37	16 7	0 17	12 50	1 0	19 31	3 39	26 44	3 12	22 20	0 50	16 17	1 45	24 10	0 27	20 31	1 0	23 54	1 10	14 55	14 57	22 57		n.a.	F 27
S 28	12s16	9n44	1s 6	11s57	0s51	19s34	3n31	26n43	3n10	22s17	0s50	16s18	1n45	24s10	0s27	20n32	1n 0	23s54	1s10	14s55	14s58	22s55		n.a.	S 28

Julian Day Number = 1285345.5, Delta T = 08h04m16s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'16, Lahiri = -20°26'16 Julian Calendar 1 Feb. 1194 BCE == Greg. Calendar 21 Jan. 1194 BCE

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

MARCH 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 48 57	29♒15'32	17♍16	3♓27	15♉ 4	21♊30	25♉18	19♏47	5♉38	4°R 2	13♐ 0	20°R26	20♒14	27♉48	n.a.	S 1
M 2	9 52 53	0♓14'16	1♎46	5°32	15°50	21°43	25°31	19°48	5°40	4♌ 0	13° 1	20♒25	20°11	27°55	n.a.	M 2
T 3	9 56 50	1°12'58	15°52	7°37	16°37	21°56	25°44	19°49	5°43	3°59	13° 2	20°24	20° 7	28° 2	n.a.	T 3
W 4	10 0 46	2°11'38	29°31	9°42	17°25	22°10	25°57	19°50	5°45	3°57	13° 2	20°23	20° 4	28° 8	n.a.	W 4
T 5	10 4 43	3°10'16	12♏44	11°46	18°14	22°24	26°10	19°50	5°47	3°56	13° 3	20°22	20° 1	28°15	n.a.	T 5
F 6	10 8 39	4° 8'53	25°32	13°48	19° 4	22°39	26°22	19°51	5°49	3°55	13° 3	20°21	19°58	28°22	n.a.	F 6
S 7	10 12 36	5° 7'27	7♐59	15°50	19°54	22°54	26°35	19°51	5°51	3°53	13° 4	20°D21	19°55	28°28	n.a.	S 7
S 8	10 16 33	6° 6'00	20° 9	17°50	20°45	23°10	26°48	19°52	5°54	3°52	13° 5	20°21	19°52	28°35	n.a.	S 8
M 9	10 20 29	7° 4'32	2♉ 7	19°48	21°37	23°26	27° 1	19°52	5°56	3°50	13° 5	20°22	19°48	28°42	n.a.	M 9
T 10	10 24 26	8° 3'01	13°58	21°43	22°29	23°42	27°13	19°52	5°58	3°49	13° 6	20°24	19°45	28°48	n.a.	T 10
W11	10 28 22	9° 1'29	25°45	23°36	23°22	23°59	27°26	19°R52	6° 0	3°48	13° 6	20°25	19°42	28°55	n.a.	W11
T 12	10 32 19	9°59'54	7♒33	25°25	24°15	24°17	27°38	19°52	6° 2	3°47	13° 6	20°26	19°39	29° 2	n.a.	T 12
F 13	10 36 15	10°58'18	19°25	27°12	25° 9	24°35	27°50	19°52	6° 4	3°45	13° 7	20°R27	19°36	29° 8	n.a.	F 13
S 14	10 40 12	11°56'40	1♓24	28°55	26° 4	24°53	28° 3	19°51	6° 6	3°44	13° 7	20°26	19°32	29°15	n.a.	S 14
S 15	10 44 8	12°55'00	13°33	0♈34	26°59	25°12	28°15	19°51	6° 7	3°43	13° 8	20°25	19°29	29°22	n.a.	S 15
M16	10 48 5	13°53'18	25°52	2° 9	27°54	25°31	28°27	19°50	6° 9	3°42	13° 8	20°22	19°26	29°28	n.a.	M16
T 17	10 52 2	14°51'34	8♈23	3°40	28°50	25°50	28°39	19°50	6°11	3°40	13° 8	20°19	19°23	29°35	n.a.	T 17
W18	10 55 58	15°49'48	21° 7	5° 7	29°47	26°10	28°51	19°49	6°13	3°39	13° 8	20°15	19°20	29°41	n.a.	W18
T 19	10 59 55	16°48'00	4♉ 5	6°29	0♒44	26°30	29° 3	19°48	6°14	3°38	13° 9	20°11	19°17	29°48	n.a.	T 19
F 20	11 3 51	17°46'10	17°17	7°47	1°41	26°51	29°15	19°48	6°16	3°37	13° 9	20° 7	19°13	29°55	n.a.	F 20
S 21	11 7 48	18°44'18	0♊44	9° 0	2°39	27°12	29°27	19°47	6°18	3°36	13° 9	20° 5	19°10	0♒ 1	n.a.	S 21
S 22	11 11 44	19°42'24	14°26	10° 9	3°37	27°33	29°38	19°46	6°19	3°35	13° 9	20°D 4	19° 7	0° 8	n.a.	S 22
M23	11 15 41	20°40'27	28°23	11°12	4°35	27°55	29°50	19°44	6°21	3°34	13° 9	20° 4	19° 4	0°15	n.a.	M23
T 24	11 19 37	21°38'29	12♋35	12°11	5°34	28°17	0♒ 1	19°43	6°22	3°33	13° 9	20° 5	19° 1	0°21	n.a.	T 24
W25	11 23 34	22°36'28	27° 0	13° 5	6°34	28°39	0°13	19°42	6°23	3°32	13° 9	20° 6	18°58	0°28	n.a.	W25
T 26	11 27 30	23°34'26	11♌35	13°53	7°33	29° 2	0°24	19°40	6°25	3°31	13°R10	20° 7	18°54	0°35	n.a.	T 26
F 27	11 31 27	24°32'21	26°15	14°37	8°33	29°25	0°35	19°39	6°26	3°30	13°10	20°R 7	18°51	0°41	n.a.	F 27
S 28	11 35 24	25°30'14	10♍56	15°15	9°33	29°48	0°46	19°37	6°27	3°29	13° 9	20° 6	18°48	0°48	n.a.	S 28
S 29	11 39 20	26°28'06	25°30	15°49	10°34	0♋11	0°57	19°36	6°29	3°28	13° 9	20° 3	18°45	0°55	n.a.	S 29
M30	11 43 17	27°25'56	9♎51	16°17	11°35	0°35	1° 8	19°34	6°30	3°28	13° 9	19°58	18°42	1° 1	n.a.	M30
T 31	11 47 13	28♓23'44	23♎53	16♈40	12♒36	0♋59	1♒19	19♏32	6♉31	3♌27	13♐ 9	19♒52	18♒38	1♒ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s55	2n55	2s24	11s 3	0s42	19s37	3n23	26n42	3n 9	22s15	0s50	16s18	1n45	24s10	0s27	20n32	1n 0	23s54	1s11	14s55	14s59	22s52			n.a.
M 2	11 34	3s55	3 30	10 8	0 32	19 40	3 15	26 41	3 7	22 13	0 50	16 18	1 45	24 9	0 27	20 32	1 0	23 54	1 11	14 55	15 0	22 50			n.a.
T 3	11 13	10 21	4 21	9 11	0 21	19 42	3 7	26 40	3 6	22 10	0 50	16 18	1 45	24 9	0 27	20 33	1 0	23 55	1 11	14 56	15 1	22 48			n.a.
W 4	10 52	16 5	4 56	8 14	0 11	19 43	2 59	26 40	3 4	22 8	0 50	16 18	1 45	24 9	0 27	20 33	1 0	23 55	1 11	14 56	15 2	22 46			n.a.
T 5	10 31	20 53	5 14	7 16	0n 0	19 45	2 51	26 39	3 2	22 6	0 51	16 18	1 45	24 9	0 27	20 34	1 0	23 55	1 11	14 57	15 3	22 44			n.a.
F 6	10 9	24 34	5 16	6 18	0 11	19 45	2 44	26 38	3 1	22 4	0 51	16 18	1 46	24 9	0 27	20 34	1 0	23 55	1 11	14 57	15 4	22 41			n.a.
S 7	9 47	26 58	5 2	5 20	0 23	19 46	2 36	26 38	2 59	22 1	0 51	16 18	1 46	24 9	0 27	20 34	1 0	23 55	1 11	14 57	15 5	22 39			n.a.
S 8	9 25	28 2	4 35	4 22	0 34	19 46	2 29	26 37	2 58	21 59	0 51	16 18	1 46	24 9	0 27	20 34	1 0	23 56	1 11	14 57	15 6	22 37			n.a.
M 9	9 3	27 46	3 57	3 25	0 46	19 45	2 21	26 36	2 56	21 57	0 51	16 18	1 46	24 9	0 27	20 35	1 0	23 56	1 12	14 56	15 7	22 35			n.a.
T 10	8 41	26 13	3 8	2 28	0 57	19 44	2 14	26 35	2 54	21 54	0 51	16 18	1 46	24 9	0 27	20 35	1 0	23 56	1 12	14 56	15 8	22 33			n.a.
W11	8 19	23 31	2 12	1 32	1 9	19 42	2 7	26 35	2 53	21 52	0 52	16 18	1 46	24 9	0 27	20 35	1 0	23 56	1 12	14 55	15 9	22 30			n.a.
T 12	7 57	19 50	1 11	0 38	1 20	19 40	1 59	26 34	2 51	21 50	0 52	16 18	1 46	24 9	0 27	20 36	1 0	23 56	1 12	14 55	15 10	22 28			n.a.
F 13	7 34	15 20	0 6	0n15	1 31	19 37	1 52	26 33	2 50	21 47	0 52	16 18	1 46	24 9	0 27	20 36	1 0	23 57	1 12	14 55	15 11	22 26			n.a.
S 14	7 12	10 13	1n 0	1 6	1 41	19 34	1 45	26 32	2 48	21 45	0 52	16 17	1 46	24 9	0 27	20 36	1 0	23 57	1 12	14 55	15 12	22 24			n.a.
S 15	6 49	4 40	2 4	1 56	1 51	19 30	1 38	26 32	2 47	21 43	0 52	16 17	1 47	24 9	0 27	20 37	1 0	23 57	1 12	14 55	15 13	22 22			n.a.
M16	6 26	1n 7	3 3	2 43	2 1	19 26	1 32	26 31	2 45	21 40	0 53	16 17	1 47	24 9	0 27	20 37	1 0	23 57	1 12	14 56	15 14	22 19			n.a.
T 17	6 4	6 57	3 54	3 28	2 10	19 21	1 25	26 30	2 44	21 38	0 53	16 17	1 47	24 8	0 27	20 37	1 0	23 57	1 13	14 57	15 15	22 17			n.a.
W18	5 41	12 36	4 34	4 11	2 19	19 16	1 18	26 29	2 42	21 36	0 53	16 16	1 47	24 8	0 27	20 37	1 0	23 57	1 13	14 59	15 16	22 15			n.a.
T 19	5 18	17 48	5 1	4 51	2 26	19 10	1 12	26 28	2 41	21 33	0 53	16 16	1 47	24 8	0 27	20 38	1 0	23 58	1 13	15 0	15 17	22 13			n.a.
F 20	4 55	22 16	5 13	5 29	2 33	19 3	1 5	26 27	2 39	21 31	0 53	16 16	1 47	24 8	0 27	20 38	1 0	23 58	1 13	15 1	15 18	22 10			n.a.
S 21	4 32	25 40	5 8	6 4	2 40	18 56	0 59	26 26	2 38	21 29	0 54	16 15	1 47	24 8	0 27	20 38	1 0	23 58	1 13	15 2	15 19	22 8			n.a.
S 22	4 8	27 38	4 46	6 36	2 45	18 49	0 53	26 25	2 37	21 26	0 54	16 15	1 47	24 8	0 27	20 38	1 0	23 58	1 13	15 2	15 20	22 6			n.a.
M23	3 45	27 56	4 6	7 6	2 50	18 41	0 47	26 24	2 35	21 24	0 54	16 15	1 47	24 8	0 27	20 39	1 0	23 58	1 13	15 2	15 21	22 4			n.a.
T 24	3 22	26 24	3 11	7 33	2 53	18 32	0 41	26 23	2 34	21 22	0 54	16 14	1 47	24 8	0 27	20 39	1 0	23 58	1 13	15 2	15 22	22 1			n.a.
W25	2 59	23 7	2 3	7 57	2 56	18 23	0 35	26 22	2 32	21 20	0 54	16 14	1 48	24 8	0 27	20 39	1 0	23 58	1 14	15 1	15 23	21 59			n.a.
T 26	2 36	18 21	0 47	8 18	2 58	18 13	0 29	26 21	2 31	21 17	0 55	16 13	1 48	24 8	0 27	20 39	0 59	23 59	1 14	15 1	15 24	21 57			n.a.
F 27	2 12	12 27	0s33	8 35	2 59	18 3	0 23	26 20	2 30	21 15	0 55	16 13	1 48	24 8	0 27	20 39	0 59	23 59	1 14	15 1	15 25	21 54			n.a.
S 28	1 49	5 53	1 51	8 50	2 58	17 53	0 17	26 19	2 28	21 13	0 55	16 12	1 48	24 8	0 27	20 40	0 59	23 59	1 14	15 2	15 26	21 52			n.a.
S 29	1 26	0s56	3 1	9 2	2 57	17 41	0 12	26 17	2 27	21 11	0 55	16 12	1 48	24 8	0 27	20 40	0 59	23 59	1 14	15 3	15 27	21 50			n.a.
M30	1 2	7 36	3 58	9 11	2 55	17 30	0 7	26 16	2 25	21 8	0 55	16 11	1 48	24 8	0 27	20 40	0 59	23 59	1 14	15 4	15 28	21 47			n.a.
T 31	0s39	13s44	4s39	9n17	2n51	17s17	0n 1	26n14	2n24	21s 6	0s56	16s11	1n48	24s 8	0s27	20n40	0n59	23s59	1s14	15s 6	15s29	21s45			n.a.

Julian Day Number = 1285373.5, Delta T = 08h04m14s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'13, Lahiri = -20°26'12 Julian Calendar 1 March 1194 BCE == Greg. Calendar 18 Feb. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

APRIL 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 51 10	29♓21'31	7♏32	16♈57	13♒38	1♋24	1♒30	19°R30	6♑32	3°R26	13°R 9	19°R46	18♒35	1♒15	n.a.	W 1
T 2	11 55 6	0♈19'17	20°48	17°10	14°39	1°48	1°40	19♏28	6°33	3♌25	13♐ 9	19♒40	18°32	1°21	n.a.	T 2
F 3	11 59 3	1°17'01	3♐39	17°17	15°41	2°13	1°51	19°26	6°34	3°24	13° 9	19°36	18°29	1°28	n.a.	F 3
S 4	12 2 59	2°14'44	16° 9	17°R19	16°44	2°38	2° 1	19°24	6°35	3°24	13° 9	19°32	18°26	1°35	n.a.	S 4
S 5	12 6 56	3°12'26	28°21	17°17	17°46	3° 4	2°11	19°21	6°36	3°23	13° 8	19°D31	18°23	1°41	n.a.	S 5
M 6	12 10 53	4°10'06	10♑20	17° 9	18°49	3°29	2°22	19°19	6°37	3°22	13° 8	19°31	18°19	1°48	n.a.	M 6
T 7	12 14 49	5° 7'46	22°11	16°58	19°52	3°55	2°32	19°17	6°37	3°22	13° 8	19°32	18°16	1°55	n.a.	T 7
W 8	12 18 46	6° 5'24	3♒59	16°41	20°55	4°21	2°42	19°14	6°38	3°21	13° 7	19°33	18°13	2° 1	n.a.	W 8
T 9	12 22 42	7° 3'00	15°49	16°21	21°59	4°48	2°52	19°12	6°39	3°21	13° 7	19°R34	18°10	2° 8	n.a.	T 9
F 10	12 26 39	8° 0'36	27°46	15°58	23° 3	5°14	3° 1	19° 9	6°40	3°20	13° 7	19°34	18° 7	2°14	n.a.	F 10
S 11	12 30 35	8°58'10	9♓52	15°31	24° 7	5°41	3°11	19° 6	6°40	3°20	13° 6	19°32	18° 3	2°21	n.a.	S 11
S 12	12 34 32	9°55'43	22°12	15° 2	25°11	6° 8	3°20	19° 3	6°41	3°19	13° 6	19°28	18° 0	2°28	n.a.	S 12
M13	12 38 28	10°53'15	4♈47	14°30	26°15	6°36	3°30	19° 0	6°41	3°19	13° 5	19°21	17°57	2°34	n.a.	M13
T 14	12 42 25	11°50'46	17°38	13°57	27°20	7° 3	3°39	18°57	6°42	3°18	13° 5	19°13	17°54	2°41	n.a.	T 14
W15	12 46 22	12°48'15	0♉44	13°23	28°24	7°31	3°48	18°54	6°42	3°18	13° 4	19° 4	17°51	2°48	n.a.	W15
T 16	12 50 18	13°45'43	14° 4	12°49	29°29	7°59	3°57	18°51	6°42	3°18	13° 4	18°55	17°48	2°54	n.a.	T 16
F 17	12 54 15	14°43'10	27°37	12°15	0♓34	8°27	4° 6	18°48	6°43	3°17	13° 3	18°47	17°44	3° 1	n.a.	F 17
S 18	12 58 11	15°40'36	11♊20	11°41	1°39	8°56	4°15	18°45	6°43	3°17	13° 2	18°40	17°41	3° 8	n.a.	S 18
S 19	13 2 8	16°38'00	25°13	11° 9	2°45	9°24	4°24	18°41	6°43	3°17	13° 2	18°36	17°38	3°14	n.a.	S 19
M20	13 6 4	17°35'23	9♋12	10°39	3°50	9°53	4°32	18°38	6°43	3°17	13° 1	18°34	17°35	3°21	n.a.	M20
T 21	13 10 1	18°32'44	23°18	10°11	4°56	10°22	4°41	18°35	6°43	3°17	13° 1	18°D34	17°32	3°28	n.a.	T 21
W22	13 13 57	19°30'04	7♌29	9°46	6° 2	10°51	4°49	18°31	6°44	3°16	13° 0	18°35	17°29	3°34	n.a.	W22
T 23	13 17 54	20°27'23	21°44	9°24	7° 8	11°21	4°57	18°28	6°R44	3°16	12°59	18°R35	17°25	3°41	n.a.	T 23
F 24	13 21 51	21°24'40	6♍ 0	9° 6	8°14	11°50	5° 5	18°24	6°43	3°16	12°58	18°34	17°22	3°48	n.a.	F 24
S 25	13 25 47	22°21'56	20°15	8°52	9°21	12°20	5°13	18°20	6°43	3°16	12°58	18°30	17°19	3°54	n.a.	S 25
S 26	13 29 44	23°19'11	4♎25	8°42	10°27	12°50	5°20	18°17	6°43	3°D16	12°57	18°24	17°16	4° 1	n.a.	S 26
M27	13 33 40	24°16'25	18°26	8°35	11°34	13°20	5°28	18°13	6°43	3°16	12°56	18°16	17°13	4° 8	n.a.	M27
T 28	13 37 37	25°13'39	2♏12	8°D34	12°40	13°50	5°35	18° 9	6°43	3°16	12°55	18° 6	17° 9	4°14	n.a.	T 28
W29	13 41 33	26°10'51	15°41	8°37	13°47	14°21	5°43	18° 5	6°43	3°16	12°54	17°55	17° 6	4°21	n.a.	W29
T 30	13 45 30	27♈ 8'03	28♏49	8♈44	14♓54	14♋51	5♒50	18♏ 1	6♑42	3♌16	12♐53	17♒44	17♒ 3	4♒27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s16	19s 1	5s 3	9n19	2n46	17s 4	0s 4	26n13	2n23	21s 4	0s56	16s10	1n48	24s 8	0s27	20n40	0n59	23s59	1s15	15s 8	15s30	21s43		n.a.
T 2	0n 8	23 13	5 10	9 19	2 40	16 51	0 9	26 11	2 22	21 2	0 56	16 9	1 48	24 8	0 27	20 41	0 59	23 59	1 15	15 10	15 31	21 40		n.a.
F 3	0 31	26 9	5 1	9 15	2 33	16 37	0 14	26 9	2 20	21 0	0 56	16 9	1 48	24 8	0 27	20 41	0 59	23 59	1 15	15 11	15 32	21 38		n.a.
S 4	0 54	27 42	4 38	9 8	2 25	16 23	0 19	26 8	2 19	20 57	0 57	16 8	1 48	24 8	0 28	20 41	0 59	24 0	1 15	15 12	15 33	21 36		n.a.
S 5	1 18	27 52	4 2	8 58	2 15	16 8	0 24	26 6	2 18	20 55	0 57	16 7	1 48	24 8	0 28	20 41	0 59	24 0	1 15	15 13	15 34	21 33		n.a.
M 6	1 41	26 42	3 16	8 46	2 5	15 53	0 28	26 4	2 16	20 53	0 57	16 7	1 49	24 8	0 28	20 41	0 59	24 0	1 15	15 13	15 35	21 31		n.a.
T 7	2 4	24 20	2 23	8 30	1 53	15 37	0 33	26 2	2 15	20 51	0 57	16 6	1 49	24 8	0 28	20 41	0 59	24 0	1 15	15 12	15 36	21 29		n.a.
W 8	2 27	20 56	1 23	8 12	1 40	15 21	0 37	26 0	2 14	20 49	0 58	16 5	1 49	24 8	0 28	20 41	0 59	24 0	1 15	15 12	15 37	21 26		n.a.
T 9	2 51	16 41	0 20	7 52	1 27	15 4	0 42	25 57	2 13	20 47	0 58	16 4	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 12	15 38	21 24		n.a.
F 10	3 14	11 46	0n44	7 29	1 12	14 47	0 46	25 55	2 11	20 45	0 58	16 3	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 12	15 39	21 22		n.a.
S 11	3 37	6 21	1 47	7 5	0 57	14 29	0 50	25 53	2 10	20 43	0 58	16 3	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 12	15 40	21 19		n.a.
S 12	4 0	0 36	2 47	6 39	0 41	14 11	0 54	25 50	2 9	20 41	0 58	16 2	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 14	15 41	21 17		n.a.
M13	4 23	5n16	3 39	6 11	0 25	13 53	0 58	25 48	2 8	20 39	0 59	16 1	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 16	15 42	21 15		n.a.
T 14	4 46	11 2	4 21	5 43	0 8	13 34	1 2	25 45	2 6	20 37	0 59	16 0	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 18	15 43	21 12		n.a.
W15	5 8	16 26	4 50	5 14	0s 9	13 15	1 5	25 42	2 5	20 35	0 59	15 59	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 21	15 44	21 10		n.a.
T 16	5 31	21 9	5 4	4 45	0 26	12 55	1 9	25 39	2 4	20 33	0 59	15 58	1 49	24 8	0 28	20 42	0 59	24 0	1 16	15 24	15 45	21 7		n.a.
F 17	5 54	24 51	5 2	4 15	0 43	12 35	1 12	25 36	2 3	20 31	1 0	15 57	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 27	15 46	21 5		n.a.
S 18	6 16	27 10	4 42	3 47	1 0	12 14	1 16	25 33	2 2	20 29	1 0	15 56	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 29	15 47	21 3		n.a.
S 19	6 39	27 51	4 6	3 19	1 16	11 53	1 19	25 30	2 0	20 27	1 0	15 55	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 30	15 48	21 0		n.a.
M20	7 1	26 45	3 14	2 53	1 32	11 32	1 22	25 27	1 59	20 26	1 1	15 55	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 31	15 49	20 58		n.a.
T 21	7 23	23 56	2 11	2 28	1 47	11 10	1 25	25 23	1 58	20 24	1 1	15 54	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 31	15 50	20 55		n.a.
W22	7 45	19 39	0 59	2 5	2 1	10 48	1 28	25 20	1 57	20 22	1 1	15 53	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 31	15 51	20 53		n.a.
T 23	8 7	14 14	0s17	1 44	2 15	10 26	1 31	25 16	1 56	20 20	1 1	15 52	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 30	15 52	20 51		n.a.
F 24	8 29	8 3	1 32	1 25	2 27	10 3	1 33	25 12	1 55	20 19	1 2	15 50	1 49	24 8	0 28	20 42	0 59	24 1	1 17	15 31	15 53	20 48		n.a.
S 25	8 51	1 28	2 40	1 8	2 39	9 40	1 36	25 8	1 54	20 17	1 2	15 49	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 32	15 54	20 46		n.a.
S 26	9 12	5s 7	3 39	0 55	2 50	9 17	1 38	25 4	1 52	20 15	1 2	15 48	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 34	15 55	20 43		n.a.
M27	9 34	11 23	4 23	0 44	2 59	8 53	1 40	25 0	1 51	20 14	1 2	15 47	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 36	15 56	20 41		n.a.
T 28	9 55	16 59	4 51	0 35	3 7	8 29	1 43	24 56	1 50	20 12	1 3	15 46	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 40	15 57	20 38		n.a.
W29	10 16	21 37	5 2	0 30	3 15	8 5	1 45	24 52	1 49	20 10	1 3	15 45	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 43	15 58	20 36		n.a.
T 30	10n37	25s 3	4s57	0n27	3s21	7s41	1s47	24n47	1n48	20s 9	1s 3	15s44	1n49	24s 8	0s28	20n42	0n59	24s 1	1s18	15s46	15s59	20s33		n.a.

Julian Day Number = 1285404.5, Delta T = 08h04m13s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'08, Lahiri = -20°26'08 Julian Calendar 1 Apr. 1194 BCE == Greg. Calendar 21 March 1194 BCE

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

MAY 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 49 26	28♈ 5'14	11♐37	8♈56	16♓ 1	15♋22	5♒57	17°R57	6°R42	3♎17	12°R52	17°R35	17♒ 0	4♒34	n.a.	F 1
S 2	13 53 23	29° 2'25	24° 6	9°12	17° 8	15°53	6° 4	17♏53	6♑41	3°17	12♐52	17♒28	16°57	4°41	n.a.	S 2
S 3	13 57 20	29°59'35	6♑18	9°33	18°16	16°24	6°10	17°49	6°41	3°17	12°51	17°24	16°54	4°47	n.a.	S 3
M 4	14 1 16	0♉56'45	18°17	9°58	19°23	16°55	6°17	17°45	6°40	3°17	12°50	17°21	16°50	4°54	n.a.	M 4
T 5	14 5 13	1°53'54	0♒ 8	10°28	20°31	17°26	6°23	17°41	6°40	3°18	12°49	17°D21	16°47	5° 1	n.a.	T 5
W 6	14 9 9	2°51'03	11°57	11° 2	21°39	17°58	6°29	17°37	6°39	3°18	12°48	17°R21	16°44	5° 7	n.a.	W 6
T 7	14 13 6	3°48'12	23°48	11°40	22°47	18°30	6°35	17°33	6°39	3°18	12°47	17°21	16°41	5°14	n.a.	T 7
F 8	14 17 2	4°45'20	5♓48	12°22	23°54	19° 1	6°41	17°29	6°38	3°19	12°46	17°19	16°38	5°21	n.a.	F 8
S 9	14 20 59	5°42'28	18° 0	13° 9	25° 3	19°33	6°47	17°24	6°37	3°19	12°44	17°16	16°34	5°27	n.a.	S 9
S 10	14 24 55	6°39'36	0♈29	13°59	26°11	20° 5	6°53	17°20	6°36	3°19	12°43	17°10	16°31	5°34	n.a.	S 10
M11	14 28 52	7°36'44	13°17	14°53	27°19	20°38	6°58	17°16	6°36	3°20	12°42	17° 2	16°28	5°41	n.a.	M11
T 12	14 32 49	8°33'51	26°25	15°51	28°27	21°10	7° 3	17°11	6°35	3°20	12°41	16°51	16°25	5°47	n.a.	T 12
W13	14 36 45	9°30'58	9♉53	16°53	29°36	21°43	7° 8	17° 7	6°34	3°21	12°40	16°39	16°22	5°54	n.a.	W13
T 14	14 40 42	10°28'05	23°37	17°59	0♈44	22°15	7°13	17° 3	6°33	3°21	12°39	16°27	16°19	6° 1	n.a.	T 14
F 15	14 44 38	11°25'11	7♊36	19° 8	1°53	22°48	7°18	16°58	6°32	3°22	12°38	16°17	16°15	6° 7	n.a.	F 15
S 16	14 48 35	12°22'17	21°43	20°21	3° 2	23°21	7°23	16°54	6°31	3°23	12°36	16° 8	16°12	6°14	n.a.	S 16
S 17	14 52 31	13°19'23	5♋54	21°37	4°11	23°54	7°27	16°50	6°30	3°23	12°35	16° 2	16° 9	6°21	n.a.	S 17
M18	14 56 28	14°16'28	20° 7	22°57	5°19	24°27	7°31	16°45	6°29	3°24	12°34	15°59	16° 6	6°27	n.a.	M18
T 19	15 0 25	15°13'33	4♌19	24°20	6°28	25° 1	7°35	16°41	6°27	3°25	12°33	15°58	16° 3	6°34	n.a.	T 19
W20	15 4 21	16°10'38	18°27	25°47	7°38	25°34	7°39	16°37	6°26	3°26	12°32	15°57	16° 0	6°40	n.a.	W20
T 21	15 8 18	17° 7'41	2♍30	27°17	8°47	26° 8	7°43	16°32	6°25	3°26	12°30	15°57	15°56	6°47	n.a.	T 21
F 22	15 12 14	18° 4'45	16°29	28°51	9°56	26°42	7°46	16°28	6°24	3°27	12°29	15°55	15°53	6°54	n.a.	F 22
S 23	15 16 11	19° 1'48	0♎22	0♉27	11° 5	27°15	7°50	16°23	6°22	3°28	12°28	15°51	15°50	7° 0	n.a.	S 23
S 24	15 20 7	19°58'51	14° 7	2° 7	12°15	27°49	7°53	16°19	6°21	3°29	12°26	15°44	15°47	7° 7	n.a.	S 24
M25	15 24 4	20°55'54	27°43	3°50	13°24	28°23	7°56	16°15	6°19	3°30	12°25	15°35	15°44	7°14	n.a.	M25
T 26	15 28 0	21°52'57	11♏ 7	5°37	14°34	28°58	7°59	16°10	6°18	3°31	12°24	15°23	15°40	7°20	n.a.	T 26
W27	15 31 57	22°50'00	24°16	7°26	15°43	29°32	8° 1	16° 6	6°16	3°32	12°22	15°11	15°37	7°27	n.a.	W27
T 28	15 35 54	23°47'03	7♐10	9°18	16°53	0♌ 6	8° 4	16° 2	6°15	3°33	12°21	14°59	15°34	7°34	n.a.	T 28
F 29	15 39 50	24°44'06	19°48	11°13	18° 3	0°41	8° 6	15°57	6°13	3°34	12°20	14°48	15°31	7°40	n.a.	F 29
S 30	15 43 47	25°41'10	2♑ 9	13°10	19°13	1°16	8° 8	15°53	6°12	3°35	12°18	14°40	15°28	7°47	n.a.	S 30
S 31	15 47 43	26♉38'15	14♑17	15♉10	20♈23	1♌50	8♒10	15♏49	6♑10	3♌36	12♐17	14♒34	15♒25	7♒54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n58	27s 7	4s37	0n27	3s26	7s16	1s49	24n42	1n47	20s 7	1s 4	15s43	1n49	24s 8	0s28	20n42	0n59	24s 1	1s18	15s49	16s 0	20s31		n.a.
S 2	11 19	27 46	4 4	0 30	3 30	6 51	1 50	24 38	1 46	20 6	1 4	15 42	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 51	16 1	20 28		n.a.
S 3	11 39	27 1	3 20	0 36	3 33	6 26	1 52	24 33	1 45	20 5	1 4	15 41	1 49	24 8	0 28	20 42	0 59	24 1	1 18	15 53	16 2	20 26		n.a.
M 4	12 0	25 1	2 28	0 44	3 35	6 0	1 54	24 28	1 44	20 3	1 4	15 40	1 49	24 8	0 28	20 42	0 59	24 1	1 19	15 53	16 3	20 24		n.a.
T 5	12 20	21 56	1 30	0 55	3 35	5 35	1 55	24 23	1 43	20 2	1 5	15 38	1 49	24 8	0 28	20 42	0 59	24 1	1 19	15 54	16 4	20 21		n.a.
W 6	12 40	17 57	0 29	1 8	3 35	5 9	1 57	24 17	1 42	20 1	1 5	15 37	1 49	24 9	0 28	20 42	0 59	24 1	1 19	15 54	16 5	20 19		n.a.
T 7	13 0	13 16	0n34	1 24	3 35	4 43	1 58	24 12	1 41	19 59	1 5	15 36	1 49	24 9	0 29	20 42	0 59	24 1	1 19	15 54	16 6	20 16		n.a.
F 8	13 19	8 3	1 36	1 43	3 33	4 16	1 59	24 6	1 40	19 58	1 6	15 35	1 49	24 9	0 29	20 41	0 59	24 1	1 19	15 54	16 7	20 14		n.a.
S 9	13 39	2 27	2 35	2 3	3 30	3 50	2 0	24 1	1 38	19 57	1 6	15 34	1 49	24 9	0 29	20 41	0 59	24 1	1 19	15 55	16 8	20 11		n.a.
S 10	13 58	3n21	3 27	2 26	3 27	3 23	2 1	23 55	1 37	19 56	1 6	15 33	1 49	24 9	0 29	20 41	0 59	24 1	1 19	15 57	16 9	20 9		n.a.
M11	14 17	9 10	4 11	2 51	3 22	2 56	2 2	23 49	1 36	19 55	1 7	15 31	1 49	24 9	0 29	20 41	0 59	24 1	1 19	15 59	16 10	20 6		n.a.
T 12	14 36	14 43	4 42	3 19	3 17	2 29	2 2	23 43	1 35	19 54	1 7	15 30	1 49	24 9	0 29	20 41	0 59	24 1	1 20	16 3	16 11	20 4		n.a.
W13	14 54	19 43	4 59	3 48	3 12	2 2	2 3	23 36	1 34	19 53	1 7	15 29	1 49	24 9	0 29	20 41	0 59	24 1	1 20	16 6	16 12	20 1		n.a.
T 14	15 12	23 48	4 58	4 19	3 5	1 35	2 4	23 30	1 33	19 52	1 7	15 28	1 49	24 9	0 29	20 41	0 59	24 1	1 20	16 10	16 13	19 59		n.a.
F 15	15 31	26 33	4 40	4 52	2 58	1 8	2 4	23 23	1 32	19 51	1 8	15 27	1 49	24 9	0 29	20 40	0 59	24 1	1 20	16 13	16 14	19 56		n.a.
S 16	15 48	27 39	4 5	5 27	2 51	0 40	2 4	23 17	1 31	19 50	1 8	15 25	1 49	24 9	0 29	20 40	0 58	24 0	1 20	16 16	16 15	19 53		n.a.
S 17	16 6	26 57	3 15	6 4	2 42	0 13	2 5	23 10	1 30	19 49	1 8	15 24	1 49	24 9	0 29	20 40	0 58	24 0	1 20	16 18	16 16	19 51		n.a.
M18	16 23	24 29	2 12	6 42	2 34	0n15	2 5	23 3	1 29	19 48	1 9	15 23	1 49	24 9	0 29	20 40	0 58	24 0	1 20	16 19	16 17	19 48		n.a.
T 19	16 40	20 30	1 1	7 21	2 24	0 42	2 5	22 56	1 28	19 47	1 9	15 22	1 49	24 9	0 29	20 40	0 58	24 0	1 20	16 19	16 17	19 46		n.a.
W20	16 57	15 21	0s13	8 2	2 15	1 10	2 5	22 49	1 27	19 47	1 9	15 21	1 49	24 10	0 29	20 40	0 58	24 0	1 20	16 19	16 18	19 43		n.a.
T 21	17 14	9 25	1 26	8 45	2 5	1 38	2 5	22 41	1 26	19 46	1 10	15 19	1 49	24 10	0 29	20 39	0 58	24 0	1 21	16 19	16 19	19 41		n.a.
F 22	17 30	3 4	2 34	9 28	1 54	2 6	2 5	22 34	1 25	19 45	1 10	15 18	1 49	24 10	0 29	20 39	0 58	24 0	1 21	16 20	16 20	19 38		n.a.
S 23	17 46	3s23	3 32	10 13	1 43	2 33	2 4	22 26	1 24	19 45	1 10	15 17	1 49	24 10	0 29	20 39	0 58	24 0	1 21	16 21	16 21	19 36		n.a.
S 24	18 2	9 35	4 17	10 58	1 32	3 1	2 4	22 18	1 23	19 44	1 11	15 16	1 49	24 10	0 29	20 39	0 58	24 0	1 21	16 23	16 22	19 33		n.a.
M25	18 17	15 16	4 46	11 45	1 21	3 29	2 3	22 10	1 22	19 44	1 11	15 15	1 48	24 10	0 29	20 38	0 58	24 0	1 21	16 26	16 23	19 31		n.a.
T 26	18 32	20 9	5 0	12 32	1 9	3 57	2 3	22 2	1 21	19 43	1 11	15 13	1 48	24 10	0 29	20 38	0 58	24 0	1 21	16 29	16 24	19 28		n.a.
W27	18 47	23 56	4 57	13 19	0 58	4 25	2 2	21 54	1 20	19 43	1 12	15 12	1 48	24 10	0 29	20 38	0 58	24 0	1 21	16 33	16 25	19 25		n.a.
T 28	19 2	26 27	4 39	14 7	0 46	4 52	2 2	21 46	1 20	19 43	1 12	15 11	1 48	24 10	0 29	20 38	0 58	24 0	1 21	16 37	16 26	19 23		n.a.
F 29	19 16	27 33	4 7	14 54	0 34	5 20	2 1	21 37	1 19	19 42	1 12	15 10	1 48	24 10	0 29	20 37	0 58	24 0	1 21	16 40	16 27	19 20		n.a.
S 30	19 30	27 14	3 24	15 42	0 22	5 48	2 0	21 28	1 18	19 42	1 13	15 9	1 48	24 11	0 29	20 37	0 58	24 0	1 22	16 42	16 28	19 18		n.a.
S 31	19n44	25s35	2s33	16n29	0s11	6n16	1s59	21n19	1n17	19s42	1s13	15s 8	1n48	24s11	0s29	20n37	0n58	24s 0	1s22	16s44	16s29	19s15		n.a.

Julian Day Number = 1285434.5, Delta T = 08h04m11s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'04, Lahiri = -20°26'04 Julian Calendar 1 May 1194 BCE == Greg. Calendar 20 Apr. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

JUNE 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 51 40	27♉35'19	26♋14	17♉11	21♈33	2♌25	8♒11	15°R44	6°R 8	3♌37	12°R16	14°R30	15♒21	8♒ 0	n.a.	M 1
T 2	15 55 36	28°32'24	8♒ 4	19°15	22°43	3° 0	8°13	15♏40	6♋ 7	3°38	12♐14	14♒29	15°18	8° 7	n.a.	T 2
W 3	15 59 33	29°29'30	19°52	21°20	23°53	3°35	8°14	15°36	6° 5	3°39	12°13	14°D29	15°15	8°14	n.a.	W 3
T 4	16 3 30	0♊26'37	1♓43	23°26	25° 3	4°11	8°15	15°32	6° 3	3°40	12°12	14°R29	15°12	8°20	n.a.	T 4
F 5	16 7 26	1°23'44	13°44	25°34	26°14	4°46	8°16	15°28	6° 1	3°42	12°10	14°29	15° 9	8°27	n.a.	F 5
S 6	16 11 23	2°20'52	25°58	27°42	27°24	5°21	8°17	15°24	6° 0	3°43	12° 9	14°26	15° 6	8°33	n.a.	S 6
S 7	16 15 19	3°18'00	8♈30	29°51	28°35	5°57	8°17	15°20	5°58	3°44	12° 7	14°22	15° 2	8°40	n.a.	S 7
M 8	16 19 16	4°15'09	21°25	1♊59	29°45	6°32	8°18	15°15	5°56	3°45	12° 6	14°15	14°59	8°47	n.a.	M 8
T 9	16 23 12	5°12'20	4♉44	4° 8	0♉56	7° 8	8°R18	15°11	5°54	3°47	12° 4	14° 6	14°56	8°53	n.a.	T 9
W10	16 27 9	6° 9'30	18°27	6°16	2° 6	7°44	8°18	15° 8	5°52	3°48	12° 3	13°55	14°53	9° 0	n.a.	W10
T 11	16 31 5	7° 6'42	2♊32	8°23	3°17	8°20	8°17	15° 4	5°50	3°49	12° 2	13°45	14°50	9° 7	n.a.	T 11
F 12	16 35 2	8° 3'55	16°53	10°30	4°28	8°56	8°17	15° 0	5°48	3°51	12° 0	13°35	14°46	9°13	n.a.	F 12
S 13	16 38 59	9° 1'08	1♋25	12°35	5°39	9°32	8°16	14°56	5°46	3°52	11°59	13°28	14°43	9°20	n.a.	S 13
S 14	16 42 55	9°58'22	16° 1	14°40	6°50	10° 9	8°15	14°52	5°44	3°54	11°57	13°23	14°40	9°27	n.a.	S 14
M15	16 46 52	10°55'36	0♌35	16°43	8° 1	10°45	8°14	14°48	5°42	3°55	11°56	13°20	14°37	9°33	n.a.	M15
T 16	16 50 48	11°52'51	15° 2	18°45	9°12	11°21	8°13	14°45	5°40	3°57	11°54	13°D20	14°34	9°40	n.a.	T 16
W17	16 54 45	12°50'06	29°18	20°45	10°23	11°58	8°11	14°41	5°37	3°58	11°53	13°20	14°31	9°47	n.a.	W17
T 18	16 58 41	13°47'22	13♍22	22°44	11°34	12°35	8°10	14°38	5°35	4° 0	11°51	13°R21	14°27	9°53	n.a.	T 18
F 19	17 2 38	14°44'38	27°14	24°41	12°46	13°11	8° 8	14°34	5°33	4° 1	11°50	13°20	14°24	10° 0	n.a.	F 19
S 20	17 6 35	15°41'55	10♎52	26°37	13°57	13°48	8° 6	14°31	5°31	4° 3	11°49	13°17	14°21	10° 7	n.a.	S 20
S 21	17 10 31	16°39'12	24°19	28°31	15° 8	14°25	8° 4	14°27	5°29	4° 5	11°47	13°12	14°18	10°13	n.a.	S 21
M22	17 14 28	17°36'31	7♏32	0♋23	16°20	15° 2	8° 1	14°24	5°27	4° 6	11°46	13° 5	14°15	10°20	n.a.	M22
T 23	17 18 24	18°33'50	20°34	2°14	17°31	15°39	7°59	14°21	5°24	4° 8	11°44	12°57	14°12	10°26	n.a.	T 23
W24	17 22 21	19°31'10	3♐22	4° 3	18°43	16°17	7°56	14°18	5°22	4°10	11°43	12°47	14° 8	10°33	n.a.	W24
T 25	17 26 17	20°28'32	15°58	5°50	19°54	16°54	7°53	14°14	5°20	4°11	11°41	12°38	14° 5	10°40	n.a.	T 25
F 26	17 30 14	21°25'54	28°21	7°36	21° 6	17°31	7°50	14°11	5°17	4°13	11°40	12°30	14° 2	10°46	n.a.	F 26
S 27	17 34 10	22°23'18	10♑32	9°20	22°18	18° 9	7°46	14° 8	5°15	4°15	11°39	12°24	13°59	10°53	n.a.	S 27
S 28	17 38 7	23°20'42	22°33	11° 3	23°30	18°47	7°43	14° 5	5°13	4°17	11°37	12°20	13°56	11° 0	n.a.	S 28
M29	17 42 4	24°18'08	4♒25	12°44	24°42	19°24	7°39	14° 3	5°11	4°18	11°36	12°17	13°52	11° 6	n.a.	M29
T 30	17 46 0	25♊15'36	16♒13	14♋23	25♉54	20♌ 2	7♒35	14♏ 0	5♋ 8	4♌20	11♐34	12°D17	13♒49	11♒13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n57	22s49	1s35	17n15	0n 0	6n43	1s58	21n11	1n16	19s42	1s13	15s 6	1n48	24s11	0s29	20n37	0n58	23s59	1s22	16s45	16s30	19s12		n.a.
T 2	20 10	19 6	0 34	18 1	0 11	7 11	1 57	21 1	1 15	19 42	1 14	15 5	1 48	24 11	0 29	20 36	0 58	23 59	1 22	16 46	16 31	19 10		n.a.
W 3	20 23	14 39	0n29	18 45	0 22	7 38	1 55	20 52	1 14	19 42	1 14	15 4	1 48	24 11	0 29	20 36	0 58	23 59	1 22	16 46	16 32	19 7		n.a.
T 4	20 35	9 38	1 30	19 28	0 32	8 5	1 54	20 43	1 13	19 42	1 14	15 3	1 47	24 11	0 29	20 36	0 58	23 59	1 22	16 45	16 33	19 5		n.a.
F 5	20 47	4 13	2 29	20 9	0 42	8 32	1 53	20 33	1 12	19 42	1 15	15 2	1 47	24 11	0 29	20 35	0 58	23 59	1 22	16 46	16 34	19 2		n.a.
S 6	20 59	1n27	3 22	20 49	0 51	8 59	1 51	20 24	1 11	19 42	1 15	15 1	1 47	24 11	0 29	20 35	0 58	23 59	1 22	16 46	16 35	18 59		n.a.
S 7	21 10	7 11	4 6	21 26	1 0	9 26	1 50	20 14	1 10	19 42	1 15	15 0	1 47	24 11	0 29	20 35	0 58	23 59	1 22	16 48	16 36	18 57		n.a.
M 8	21 21	12 48	4 40	22 1	1 8	9 53	1 48	20 4	1 9	19 43	1 16	14 59	1 47	24 11	0 29	20 34	0 58	23 59	1 22	16 50	16 37	18 54		n.a.
T 9	21 31	17 59	4 59	22 34	1 16	10 19	1 47	19 54	1 8	19 43	1 16	14 58	1 47	24 12	0 29	20 34	0 58	23 59	1 23	16 52	16 38	18 52		n.a.
W10	21 42	22 26	5 2	23 4	1 22	10 46	1 45	19 43	1 7	19 43	1 16	14 57	1 47	24 12	0 29	20 34	0 58	23 59	1 23	16 55	16 38	18 49		n.a.
T 11	21 52	25 42	4 47	23 32	1 28	11 12	1 43	19 33	1 6	19 44	1 17	14 56	1 47	24 12	0 29	20 33	0 58	23 58	1 23	16 58	16 39	18 46		n.a.
F 12	22 1	27 23	4 14	23 56	1 34	11 38	1 42	19 23	1 6	19 44	1 17	14 55	1 46	24 12	0 29	20 33	0 58	23 58	1 23	17 1	16 40	18 44		n.a.
S 13	22 10	27 14	3 24	24 19	1 38	12 4	1 40	19 12	1 5	19 45	1 17	14 54	1 46	24 12	0 29	20 33	0 58	23 58	1 23	17 3	16 41	18 41		n.a.
S 14	22 19	25 11	2 20	24 38	1 42	12 29	1 38	19 1	1 4	19 45	1 18	14 53	1 46	24 12	0 29	20 32	0 58	23 58	1 23	17 5	16 42	18 38		n.a.
M15	22 27	21 28	1 8	24 55	1 46	12 54	1 36	18 50	1 3	19 46	1 18	14 52	1 46	24 12	0 29	20 32	0 58	23 58	1 23	17 6	16 43	18 36		n.a.
T 16	22 35	16 27	0s 9	25 9	1 48	13 19	1 34	18 39	1 2	19 46	1 18	14 51	1 46	24 12	0 29	20 32	0 58	23 58	1 23	17 6	16 44	18 33		n.a.
W17	22 43	10 36	1 24	25 20	1 50	13 44	1 32	18 28	1 1	19 47	1 19	14 50	1 46	24 12	0 30	20 31	0 58	23 58	1 23	17 6	16 45	18 30		n.a.
T 18	22 50	4 17	2 34	25 29	1 51	14 8	1 30	18 16	1 0	19 48	1 19	14 49	1 45	24 13	0 30	20 31	0 58	23 58	1 23	17 6	16 46	18 28		n.a.
F 19	22 57	2s 7	3 33	25 36	1 52	14 32	1 28	18 5	0 59	19 49	1 19	14 48	1 45	24 13	0 30	20 30	0 58	23 58	1 24	17 6	16 47	18 25		n.a.
S 20	23 3	8 19	4 18	25 39	1 52	14 56	1 25	17 53	0 58	19 49	1 20	14 47	1 45	24 13	0 30	20 30	0 58	23 58	1 24	17 7	16 48	18 22		n.a.
S 21	23 9	14 3	4 49	25 41	1 51	15 20	1 23	17 41	0 57	19 50	1 20	14 46	1 45	24 13	0 30	20 30	0 58	23 57	1 24	17 8	16 49	18 20		n.a.
M22	23 15	19 2	5 4	25 40	1 50	15 43	1 21	17 30	0 57	19 51	1 20	14 46	1 45	24 13	0 30	20 29	0 58	23 57	1 24	17 10	16 50	18 17		n.a.
T 23	23 20	23 3	5 3	25 37	1 48	16 5	1 18	17 18	0 56	19 52	1 21	14 45	1 45	24 13	0 30	20 29	0 58	23 57	1 24	17 12	16 51	18 14		n.a.
W24	23 25	25 52	4 46	25 32	1 46	16 28	1 16	17 5	0 55	19 53	1 21	14 44	1 44	24 13	0 30	20 28	0 58	23 57	1 24	17 15	16 52	18 12		n.a.
T 25	23 29	27 20	4 16	25 25	1 43	16 50	1 14	16 53	0 54	19 54	1 21	14 43	1 44	24 13	0 30	20 28	0 58	23 57	1 24	17 18	16 53	18 9		n.a.
F 26	23 33	27 24	3 34	25 17	1 40	17 11	1 11	16 41	0 53	19 56	1 21	14 42	1 44	24 13	0 30	20 28	0 58	23 57	1 24	17 20	16 53	18 6		n.a.
S 27	23 37	26 7	2 43	25 6	1 36	17 33	1 9	16 28	0 52	19 57	1 22	14 42	1 44	24 14	0 30	20 27	0 58	23 57	1 24	17 22	16 54	18 4		n.a.
S 28	23 40	23 38	1 45	24 54	1 32	17 54	1 6	16 15	0 51	19 58	1 22	14 41	1 44	24 14	0 30	20 27	0 58	23 57	1 24	17 23	16 55	18 1		n.a.
M29	23 43	20 10	0 42	24 40	1 27	18 14	1 4	16 3	0 50	19 59	1 22	14 40	1 44	24 14	0 30	20 26	0 58	23 57	1 24	17 24	16 56	17 58		n.a.
T 30	23n45	15s54	0n21	24n24	1n22	18n34	1s 1	15n50	0n50	20s 1	1s23	14s40	1n43	24s14	0s30	20n26	0n58	23s56	1s24	17s24	16s57	17s55		n.a.

Julian Day Number = 1285465.5, Delta T = 08h04m09s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°33'00, Lahiri = -20°26'00 Julian Calendar 1 June 1194 BCE == Greg. Calendar 21 May 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

JULY 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 49 57	26♊13'05	28♒ 0	16♋ 1	27♉ 6	20♌40	7°R31	13°R57	5°R 6	4♌22	11°R33	12♒18	13♒46	11♒20	n.a.	W 1
T 2	17 53 53	27°10'35	9♓51	17°37	28°18	21°18	7♒27	13♏55	5♑ 3	4°24	11♐32	12°20	13°43	11°26	n.a.	T 2
F 3	17 57 50	28° 8'07	21°51	19°12	29°30	21°56	7°23	13°52	5° 1	4°26	11°30	12°21	13°40	11°33	n.a.	F 3
S 4	18 1 46	29° 5'40	4♈ 4	20°45	0♊42	22°34	7°18	13°50	4°59	4°28	11°29	12°R21	13°37	11°40	n.a.	S 4
S 5	18 5 43	0♋ 3'15	16°36	22°17	1°54	23°12	7°13	13°47	4°56	4°29	11°28	12°19	13°33	11°46	n.a.	S 5
M 6	18 9 39	1° 0'52	29°31	23°46	3° 7	23°51	7° 8	13°45	4°54	4°31	11°26	12°16	13°30	11°53	n.a.	M 6
T 7	18 13 36	1°58'31	12♉51	25°15	4°19	24°29	7° 3	13°43	4°52	4°33	11°25	12°12	13°27	11°59	n.a.	T 7
W 8	18 17 33	2°56'11	26°39	26°41	5°31	25° 7	6°58	13°41	4°49	4°35	11°24	12° 6	13°24	12° 6	n.a.	W 8
T 9	18 21 29	3°53'53	10♊53	28° 6	6°44	25°46	6°53	13°39	4°47	4°37	11°22	12° 0	13°21	12°13	n.a.	T 9
F 10	18 25 26	4°51'37	25°28	29°30	7°57	26°25	6°47	13°37	4°44	4°39	11°21	11°54	13°18	12°19	n.a.	F 10
S 11	18 29 22	5°49'22	10♋18	0♌51	9° 9	27° 3	6°41	13°35	4°42	4°41	11°20	11°50	13°14	12°26	n.a.	S 11
S 12	18 33 19	6°47'09	25°16	2°11	10°22	27°42	6°35	13°33	4°40	4°43	11°18	11°48	13°11	12°33	n.a.	S 12
M13	18 37 15	7°44'57	10♌12	3°30	11°35	28°21	6°29	13°31	4°37	4°45	11°17	11°D47	13° 8	12°39	n.a.	M13
T 14	18 41 12	8°42'46	24°59	4°46	12°47	29° 0	6°23	13°30	4°35	4°47	11°16	11°47	13° 5	12°46	n.a.	T 14
W15	18 45 9	9°40'37	9♍32	6° 0	14° 0	29°39	6°17	13°28	4°32	4°49	11°15	11°48	13° 2	12°53	n.a.	W15
T 16	18 49 5	10°38'29	23°46	7°13	15°13	0♍19	6°11	13°27	4°30	4°51	11°13	11°50	12°58	12°59	n.a.	T 16
F 17	18 53 2	11°36'23	7♎41	8°23	16°26	0°58	6° 4	13°25	4°28	4°53	11°12	11°R51	12°55	13° 6	n.a.	F 17
S 18	18 56 58	12°34'18	21°16	9°31	17°39	1°37	5°58	13°24	4°25	4°56	11°11	11°50	12°52	13°13	n.a.	S 18
S 19	19 0 55	13°32'14	4♏32	10°37	18°52	2°17	5°51	13°23	4°23	4°58	11°10	11°49	12°49	13°19	n.a.	S 19
M20	19 4 51	14°30'12	17°32	11°41	20° 5	2°56	5°44	13°22	4°21	5° 0	11° 9	11°46	12°46	13°26	n.a.	M20
T 21	19 8 48	15°28'11	0♐16	12°42	21°18	3°36	5°37	13°21	4°18	5° 2	11° 8	11°42	12°43	13°33	n.a.	T 21
W22	19 12 44	16°26'12	12°46	13°41	22°31	4°16	5°30	13°20	4°16	5° 4	11° 6	11°38	12°39	13°39	n.a.	W22
T 23	19 16 41	17°24'15	25° 5	14°37	23°45	4°55	5°23	13°19	4°14	5° 6	11° 5	11°34	12°36	13°46	n.a.	T 23
F 24	19 20 38	18°22'20	7♑14	15°30	24°58	5°35	5°15	13°19	4°11	5° 8	11° 4	11°31	12°33	13°52	n.a.	F 24
S 25	19 24 34	19°20'26	19°14	16°19	26°11	6°15	5° 8	13°18	4° 9	5°10	11° 3	11°28	12°30	13°59	n.a.	S 25
S 26	19 28 31	20°18'34	1♒ 8	17° 6	27°25	6°55	5° 1	13°18	4° 7	5°13	11° 2	11°27	12°27	14° 6	n.a.	S 26
M27	19 32 27	21°16'44	12°57	17°49	28°38	7°35	4°53	13°17	4° 5	5°15	11° 1	11°D26	12°24	14°12	n.a.	M27
T 28	19 36 24	22°14'56	24°44	18°29	29°52	8°15	4°46	13°17	4° 2	5°17	11° 0	11°27	12°20	14°19	n.a.	T 28
W29	19 40 20	23°13'10	6♓32	19° 4	1♋ 5	8°56	4°38	13°17	4° 0	5°19	10°59	11°28	12°17	14°26	n.a.	W29
T 30	19 44 17	24°11'26	18°24	19°35	2°19	9°36	4°30	13°17	3°58	5°21	10°58	11°30	12°14	14°32	n.a.	T 30
F 31	19 48 13	25♋ 9'44	0♈24	20♌ 2	3♋33	10♍16	4♒23	13°D17	3♑56	5♌24	10♐57	11♒31	12♒11	14♒39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n47	11s 3	1n24	24n 8	1n17	18n53	0s58	15n37	0n49	20s 2	1s23	14s39	1n43	24s14	0s30	20n25	0n58	23s56	1s25	17s24	16s58	17s53			n.a.
T 2	23 48	5 47	2 24	23 49	1 11	19 12	0 56	15 23	0 48	20 3	1 23	14 39	1 43	24 14	0 30	20 25	0 58	23 56	1 25	17 23	16 59	17 50			n.a.
F 3	23 49	0 16	3 18	23 30	1 4	19 31	0 53	15 10	0 47	20 5	1 24	14 38	1 43	24 14	0 30	20 24	0 58	23 56	1 25	17 23	17 0	17 47			n.a.
S 4	23 50	5n22	4 4	23 10	0 58	19 49	0 50	14 57	0 46	20 6	1 24	14 37	1 43	24 14	0 30	20 24	0 58	23 56	1 25	17 23	17 1	17 45			n.a.
S 5	23 50	10 55	4 40	22 48	0 51	20 7	0 48	14 43	0 45	20 8	1 24	14 37	1 42	24 14	0 30	20 23	0 58	23 56	1 25	17 23	17 2	17 42			n.a.
M 6	23 50	16 11	5 3	22 26	0 44	20 24	0 45	14 29	0 44	20 9	1 24	14 36	1 42	24 14	0 30	20 23	0 58	23 56	1 25	17 24	17 3	17 39			n.a.
T 7	23 49	20 52	5 11	22 2	0 36	20 40	0 42	14 16	0 44	20 11	1 25	14 36	1 42	24 15	0 30	20 23	0 58	23 56	1 25	17 25	17 4	17 36			n.a.
W 8	23 48	24 36	5 1	21 38	0 29	20 56	0 39	14 2	0 43	20 13	1 25	14 35	1 42	24 15	0 30	20 22	0 58	23 56	1 25	17 27	17 5	17 34			n.a.
T 9	23 47	26 56	4 32	21 13	0 21	21 11	0 37	13 48	0 42	20 14	1 25	14 35	1 42	24 15	0 30	20 22	0 58	23 55	1 25	17 29	17 6	17 31			n.a.
F 10	23 45	27 31	3 46	20 48	0 12	21 26	0 34	13 34	0 41	20 16	1 26	14 35	1 41	24 15	0 30	20 21	0 58	23 55	1 25	17 30	17 6	17 28			n.a.
S 11	23 42	26 9	2 43	20 22	0 4	21 41	0 31	13 19	0 40	20 18	1 26	14 34	1 41	24 15	0 30	20 21	0 58	23 55	1 25	17 31	17 7	17 25			n.a.
S 12	23 40	22 54	1 29	19 55	0s 5	21 54	0 28	13 5	0 39	20 19	1 26	14 34	1 41	24 15	0 30	20 20	0 58	23 55	1 25	17 32	17 8	17 23			n.a.
M13	23 36	18 7	0 9	19 28	0 14	22 7	0 26	12 50	0 38	20 21	1 26	14 34	1 41	24 15	0 30	20 20	0 58	23 55	1 25	17 32	17 9	17 20			n.a.
T 14	23 33	12 17	1s12	19 1	0 23	22 20	0 23	12 36	0 38	20 23	1 27	14 33	1 41	24 15	0 30	20 19	0 58	23 55	1 26	17 32	17 10	17 17			n.a.
W15	23 29	5 53	2 26	18 34	0 32	22 32	0 20	12 21	0 37	20 25	1 27	14 33	1 40	24 15	0 30	20 19	0 58	23 55	1 26	17 32	17 11	17 14			n.a.
T 16	23 24	0s41	3 30	18 6	0 42	22 43	0 17	12 6	0 36	20 27	1 27	14 33	1 40	24 15	0 30	20 18	0 58	23 55	1 26	17 32	17 12	17 12			n.a.
F 17	23 19	7 4	4 20	17 39	0 51	22 54	0 15	11 51	0 35	20 29	1 27	14 33	1 40	24 16	0 30	20 18	0 58	23 55	1 26	17 31	17 13	17 9			n.a.
S 18	23 14	12 57	4 54	17 11	1 1	23 3	0 12	11 36	0 34	20 31	1 28	14 32	1 40	24 16	0 30	20 17	0 58	23 54	1 26	17 31	17 14	17 6			n.a.
S 19	23 8	18 7	5 11	16 43	1 11	23 13	0 9	11 21	0 33	20 32	1 28	14 32	1 39	24 16	0 30	20 16	0 58	23 54	1 26	17 32	17 15	17 3			n.a.
M20	23 2	22 19	5 12	16 16	1 21	23 21	0 6	11 6	0 33	20 34	1 28	14 32	1 39	24 16	0 30	20 16	0 58	23 54	1 26	17 33	17 16	17 1			n.a.
T 21	22 55	25 23	4 57	15 49	1 31	23 29	0 4	10 51	0 32	20 36	1 28	14 32	1 39	24 16	0 30	20 15	0 58	23 54	1 26	17 34	17 17	16 58			n.a.
W22	22 48	27 9	4 29	15 23	1 41	23 37	0 1	10 35	0 31	20 38	1 29	14 32	1 39	24 16	0 30	20 15	0 58	23 54	1 26	17 35	17 17	16 55			n.a.
T 23	22 41	27 33	3 48	14 57	1 51	23 43	0n 2	10 20	0 30	20 40	1 29	14 32	1 39	24 16	0 30	20 14	0 58	23 54	1 26	17 36	17 18	16 52			n.a.
F 24	22 33	26 35	2 58	14 31	2 2	23 49	0 5	10 4	0 29	20 42	1 29	14 32	1 38	24 16	0 30	20 14	0 58	23 54	1 26	17 37	17 19	16 49			n.a.
S 25	22 25	24 24	1 59	14 7	2 12	23 54	0 7	9 48	0 28	20 44	1 29	14 32	1 38	24 16	0 30	20 13	0 58	23 54	1 26	17 38	17 20	16 47			n.a.
S 26	22 16	21 10	0 57	13 43	2 22	23 59	0 10	9 33	0 28	20 46	1 29	14 32	1 38	24 16	0 30	20 13	0 58	23 54	1 26	17 38	17 21	16 44			n.a.
M27	22 7	17 4	0n 8	13 20	2 32	24 2	0 12	9 17	0 27	20 48	1 29	14 32	1 38	24 16	0 30	20 12	0 58	23 54	1 26	17 38	17 22	16 41			n.a.
T 28	21 58	12 21	1 13	12 59	2 42	24 5	0 15	9 1	0 26	20 50	1 30	14 32	1 37	24 16	0 30	20 12	0 58	23 54	1 26	17 38	17 23	16 38			n.a.
W29	21 48	7 11	2 14	12 39	2 51	24 8	0 18	8 45	0 25	20 52	1 30	14 33	1 37	24 16	0 30	20 11	0 58	23 53	1 27	17 38	17 24	16 35			n.a.
T 30	21 38	1 45	3 11	12 20	3 1	24 9	0 20	8 28	0 24	20 55	1 30	14 33	1 37	24 16	0 30	20 11	0 58	23 53	1 27	17 37	17 25	16 33			n.a.
F 31	21n27	3n48	3n59	12n 3	3s10	24n10	0n23	8n12	0n24	20s57	1s30	14s33	1n37	24s17	0s30	20n10	0n58	23s53	1s27	17s37	17s26	16s30			n.a.

Julian Day Number = 1285495.5, Delta T = 08h04m08s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'56, Lahiri = -20°25'56 Julian Calendar 1 July 1194 BCE == Greg. Calendar 20 June 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

AUGUST 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 10	26♋ 8'04	12♈37	20♌23	4♋46	10♍57	4°R15	13♏17	3°R54	5♌26	10°R56	11♒32	12♒ 8	14♒46	n.a.	S 1
S 2	19 56 6	27° 6'27	25° 7	20°40	6° 0	11°37	4♒ 7	13°17	3♉51	5°28	10♐55	11°R33	12° 4	14°52	n.a.	S 2
M 3	20 0 3	28° 4'52	7♉57	20°51	7°14	12°18	3°59	13°17	3°49	5°30	10°54	11°32	12° 1	14°59	n.a.	M 3
T 4	20 4 0	29° 3'19	21°13	20°R57	8°28	12°59	3°51	13°18	3°47	5°32	10°54	11°32	11°58	15° 6	n.a.	T 4
W 5	20 7 56	0♌ 1'49	4♊55	20°56	9°42	13°40	3°43	13°18	3°45	5°35	10°53	11°30	11°55	15°12	n.a.	W 5
T 6	20 11 53	1° 0'21	19° 4	20°49	10°56	14°20	3°35	13°19	3°43	5°37	10°52	11°29	11°52	15°19	n.a.	T 6
F 7	20 15 49	1°58'55	3♋39	20°35	12°10	15° 1	3°27	13°19	3°41	5°39	10°51	11°28	11°49	15°26	n.a.	F 7
S 8	20 19 46	2°57'32	18°33	20°15	13°24	15°42	3°19	13°20	3°39	5°41	10°50	11°27	11°45	15°32	n.a.	S 8
S 9	20 23 42	3°56'10	3♌41	19°47	14°38	16°24	3°11	13°21	3°37	5°44	10°50	11°27	11°42	15°39	n.a.	S 9
M10	20 27 39	4°54'51	18°52	19°13	15°52	17° 5	3° 3	13°22	3°35	5°46	10°49	11°D27	11°39	15°45	n.a.	M10
T 11	20 31 35	5°53'33	3♍57	18°32	17° 7	17°46	2°55	13°23	3°33	5°48	10°48	11°27	11°36	15°52	n.a.	T 11
W12	20 35 32	6°52'18	18°48	17°45	18°21	18°27	2°47	13°24	3°31	5°50	10°48	11°27	11°33	15°59	n.a.	W12
T 13	20 39 29	7°51'04	3♎18	16°52	19°35	19° 9	2°39	13°26	3°30	5°52	10°47	11°28	11°30	16° 5	n.a.	T 13
F 14	20 43 25	8°49'53	17°24	15°54	20°49	19°50	2°31	13°27	3°28	5°55	10°46	11°28	11°26	16°12	n.a.	F 14
S 15	20 47 22	9°48'43	1♏ 5	14°53	22° 4	20°32	2°24	13°28	3°26	5°57	10°46	11°28	11°23	16°19	n.a.	S 15
S 16	20 51 18	10°47'35	14°21	13°48	23°18	21°14	2°16	13°30	3°24	5°59	10°45	11°R28	11°20	16°25	n.a.	S 16
M17	20 55 15	11°46'29	27°15	12°42	24°33	21°55	2° 8	13°32	3°22	6° 1	10°45	11°D28	11°17	16°32	n.a.	M17
T 18	20 59 11	12°45'24	9♐50	11°37	25°47	22°37	2° 0	13°33	3°21	6° 4	10°44	11°28	11°14	16°39	n.a.	T 18
W19	21 3 8	13°44'22	22° 9	10°33	27° 2	23°19	1°53	13°35	3°19	6° 6	10°44	11°28	11°10	16°45	n.a.	W19
T 20	21 7 4	14°43'22	4♑16	9°33	28°16	24° 1	1°45	13°37	3°17	6° 8	10°43	11°29	11° 7	16°52	n.a.	T 20
F 21	21 11 1	15°42'24	16°14	8°39	29°31	24°43	1°37	13°39	3°16	6°10	10°43	11°29	11° 4	16°59	n.a.	F 21
S 22	21 14 58	16°41'27	28° 6	7°51	0♌46	25°25	1°30	13°41	3°14	6°12	10°42	11°30	11° 1	17° 5	n.a.	S 22
S 23	21 18 54	17°40'33	9♒55	7°11	2° 0	26° 7	1°23	13°43	3°13	6°15	10°42	11°R30	10°58	17°12	n.a.	S 23
M24	21 22 51	18°39'41	21°42	6°40	3°15	26°50	1°15	13°46	3°11	6°17	10°42	11°30	10°55	17°19	n.a.	M24
T 25	21 26 47	19°38'51	3♓31	6°19	4°30	27°32	1° 8	13°48	3°10	6°19	10°41	11°29	10°51	17°25	n.a.	T 25
W26	21 30 44	20°38'03	15°24	6° 8	5°44	28°14	1° 1	13°51	3° 9	6°21	10°41	11°28	10°48	17°32	n.a.	W26
T 27	21 34 40	21°37'18	27°22	6°D 7	6°59	28°57	0°54	13°53	3° 7	6°23	10°41	11°27	10°45	17°38	n.a.	T 27
F 28	21 38 37	22°36'35	9♈28	6°18	8°14	29°39	0°47	13°56	3° 6	6°26	10°41	11°25	10°42	17°45	n.a.	F 28
S 29	21 42 33	23°35'54	21°45	6°38	9°29	0♎22	0°40	13°59	3° 5	6°28	10°40	11°24	10°39	17°52	n.a.	S 29
S 30	21 46 30	24°35'16	4♉16	7° 8	10°44	1° 4	0°34	14° 2	3° 4	6°30	10°40	11°22	10°35	17°58	n.a.	S 30
M31	21 50 26	25♌34'40	17♉ 5	7♌48	11♌59	1♎47	0♒27	14♏ 4	3♉ 2	6♌32	10♐40	11♒21	10♒32	18♒ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n16	9n19	4n38	11n47	3s19	24n10	0n25	7n56	0n23	20s59	1s30	14s33	1n37	24s17	0s30	20n10	0n58	23s53	1s27	17s37	17s27	16s27		n.a.	S 1
S 2	21 5	14 35	5 4	11 34	3 27	24 10	0 28	7 39	0 22	21 1	1 30	14 33	1 36	24 17	0 30	20 9	0 58	23 53	1 27	17 36	17 27	16 24		n.a.	S 2
M 3	20 53	19 22	5 16	11 23	3 35	24 8	0 30	7 23	0 21	21 3	1 31	14 34	1 36	24 17	0 30	20 8	0 58	23 53	1 27	17 37	17 28	16 21		n.a.	M 3
T 4	20 41	23 23	5 13	11 15	3 42	24 6	0 33	7 6	0 20	21 5	1 31	14 34	1 36	24 17	0 30	20 8	0 58	23 53	1 27	17 37	17 29	16 19		n.a.	T 4
W 5	20 29	26 14	4 51	11 9	3 49	24 3	0 35	6 50	0 19	21 7	1 31	14 34	1 36	24 17	0 30	20 7	0 58	23 53	1 27	17 37	17 30	16 16		n.a.	W 5
T 6	20 16	27 33	4 12	11 6	3 54	24 0	0 37	6 33	0 19	21 9	1 31	14 35	1 35	24 17	0 30	20 7	0 58	23 53	1 27	17 37	17 31	16 13		n.a.	T 6
F 7	20 3	27 2	3 15	11 6	3 59	23 56	0 40	6 16	0 18	21 11	1 31	14 35	1 35	24 17	0 30	20 6	0 58	23 53	1 27	17 38	17 32	16 10		n.a.	F 7
S 8	19 49	24 34	2 4	11 9	4 2	23 51	0 42	5 59	0 17	21 13	1 31	14 36	1 35	24 17	0 30	20 6	0 58	23 53	1 27	17 38	17 33	16 7		n.a.	S 8
S 9	19 35	20 21	0 43	11 16	4 5	23 45	0 44	5 42	0 16	21 15	1 31	14 36	1 35	24 17	0 30	20 5	0 58	23 53	1 27	17 38	17 34	16 4		n.a.	S 9
M10	19 21	14 46	0s41	11 26	4 5	23 38	0 46	5 25	0 15	21 17	1 31	14 37	1 35	24 17	0 30	20 5	0 58	23 53	1 27	17 38	17 35	16 2		n.a.	M10
T 11	19 7	8 20	2 2	11 39	4 4	23 31	0 48	5 8	0 15	21 19	1 31	14 37	1 34	24 17	0 30	20 4	0 58	23 53	1 27	17 38	17 36	15 59		n.a.	T 11
W12	18 52	1 33	3 13	11 56	4 2	23 23	0 50	4 51	0 14	21 21	1 31	14 38	1 34	24 17	0 30	20 4	0 58	23 53	1 27	17 38	17 36	15 56		n.a.	W12
T 13	18 37	5s 9	4 10	12 17	3 57	23 15	0 52	4 34	0 13	21 23	1 32	14 38	1 34	24 17	0 30	20 3	0 58	23 53	1 27	17 38	17 37	15 53		n.a.	T 13
F 14	18 21	11 24	4 50	12 40	3 50	23 5	0 54	4 17	0 12	21 25	1 32	14 39	1 34	24 17	0 30	20 2	0 58	23 53	1 27	17 38	17 38	15 50		n.a.	F 14
S 15	18 5	16 55	5 13	13 7	3 42	22 55	0 56	3 59	0 12	21 26	1 32	14 40	1 33	24 17	0 30	20 2	0 58	23 53	1 28	17 38	17 39	15 47		n.a.	S 15
S 16	17 49	21 27	5 17	13 36	3 31	22 45	0 58	3 42	0 11	21 28	1 32	14 40	1 33	24 17	0 30	20 1	0 58	23 53	1 28	17 38	17 40	15 44		n.a.	S 16
M17	17 33	24 50	5 6	14 6	3 18	22 33	1 0	3 24	0 10	21 30	1 32	14 41	1 33	24 17	0 30	20 1	0 58	23 52	1 28	17 38	17 41	15 42		n.a.	M17
T 18	17 16	26 54	4 40	14 39	3 4	22 21	1 2	3 7	0 9	21 32	1 32	14 42	1 33	24 17	0 30	20 0	0 58	23 52	1 28	17 38	17 42	15 39		n.a.	T 18
W19	16 59	27 37	4 1	15 12	2 48	22 8	1 3	2 49	0 8	21 34	1 32	14 43	1 33	24 17	0 30	20 0	0 58	23 52	1 28	17 38	17 43	15 36		n.a.	W19
T 20	16 41	26 59	3 13	15 44	2 30	21 55	1 5	2 32	0 8	21 35	1 32	14 43	1 32	24 17	0 30	19 59	0 58	23 52	1 28	17 38	17 44	15 33		n.a.	T 20
F 21	16 24	25 5	2 16	16 17	2 12	21 41	1 7	2 14	0 7	21 37	1 32	14 44	1 32	24 18	0 30	19 59	0 58	23 52	1 28	17 37	17 44	15 30		n.a.	F 21
S 22	16 6	22 5	1 14	16 48	1 53	21 26	1 8	1 57	0 6	21 39	1 32	14 45	1 32	24 18	0 30	19 58	0 58	23 52	1 28	17 37	17 45	15 27		n.a.	S 22
S 23	15 47	18 12	0 9	17 17	1 33	21 10	1 10	1 39	0 5	21 41	1 32	14 46	1 32	24 18	0 30	19 58	0 58	23 52	1 28	17 37	17 46	15 24		n.a.	S 23
M24	15 29	13 37	0n56	17 44	1 13	20 54	1 11	1 21	0 5	21 42	1 32	14 47	1 32	24 18	0 30	19 57	0 58	23 52	1 28	17 37	17 47	15 21		n.a.	M24
T 25	15 10	8 32	1 59	18 9	0 54	20 38	1 12	1 3	0 4	21 44	1 32	14 48	1 31	24 18	0 30	19 56	0 58	23 52	1 28	17 37	17 48	15 19		n.a.	T 25
W26	14 51	3 8	2 57	18 30	0 35	20 20	1 14	0 46	0 3	21 45	1 32	14 49	1 31	24 18	0 30	19 56	0 58	23 52	1 28	17 38	17 49	15 16		n.a.	W26
T 27	14 32	2n25	3 48	18 48	0 16	20 2	1 15	0 28	0 2	21 47	1 32	14 50	1 31	24 18	0 30	19 55	0 58	23 52	1 28	17 38	17 50	15 13		n.a.	T 27
F 28	14 12	7 55	4 29	19 2	0n 1	19 44	1 16	0 10	0 2	21 48	1 32	14 51	1 31	24 18	0 30	19 55	0 58	23 52	1 28	17 39	17 51	15 10		n.a.	F 28
S 29	13 53	13 13	4 58	19 12	0 18	19 25	1 17	0s 8	0 1	21 50	1 32	14 52	1 30	24 18	0 30	19 54	0 58	23 52	1 28	17 39	17 51	15 7		n.a.	S 29
S 30	13 33	18 4	5 14	19 19	0 33	19 5	1 18	0 26	0s 0	21 51	1 32	14 53	1 30	24 18	0 30	19 54	0 58	23 52	1 28	17 39	17 52	15 4		n.a.	S 30
M31	13n12	22n14	5n15	19n22	0n47	18n45	1n19	0s44	0s 1	21s53	1s31	14s54	1n30	24s18	0s30	19n53	0n58	23s53	1s28	17s40	17s53	15s 1		n.a.	M31

Julian Day Number = 1285526.5, Delta T = 08h04m06s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'52, Lahiri = -20°25'51 Julian Calendar 1 Aug. 1194 BCE == Greg. Calendar 21 July 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

SEPTEMBER 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 54 23	26♌34'07	0♊14	8♌36	13♌14	2♎30	0°R21	14♏ 7	3°R 1	6♌34	10°R40	11°D21	10♒29	18♒12	n.a.	T 1
W 2	21 58 20	27°33'36	13°46	9°32	14°29	3°13	0♒14	14°11	3♑ 0	6°36	10♐40	11♒22	10°26	18°18	n.a.	W 2
T 3	22 2 16	28°33'08	27°43	10°36	15°44	3°56	0° 8	14°14	2°59	6°38	10°40	11°23	10°23	18°25	n.a.	T 3
F 4	22 6 13	29°32'42	12♋ 4	11°45	16°59	4°39	0° 2	14°17	2°58	6°40	10°D40	11°24	10°20	18°32	n.a.	F 4
S 5	22 10 9	0♍32'19	26°48	13° 1	18°14	5°22	29♑56	14°20	2°57	6°43	10°40	11°25	10°16	18°38	n.a.	S 5
S 6	22 14 6	1°31'58	11♌48	14°21	19°29	6° 5	29°51	14°24	2°56	6°45	10°40	11°R26	10°13	18°45	n.a.	S 6
M 7	22 18 2	2°31'39	26°58	15°46	20°45	6°48	29°45	14°27	2°55	6°47	10°40	11°25	10°10	18°52	n.a.	M 7
T 8	22 21 59	3°31'22	12♍ 8	17°14	22° 0	7°32	29°40	14°31	2°55	6°49	10°40	11°23	10° 7	18°58	n.a.	T 8
W 9	22 25 55	4°31'07	27° 9	18°45	23°15	8°15	29°35	14°35	2°54	6°51	10°40	11°21	10° 4	19° 5	n.a.	W 9
T 10	22 29 52	5°30'54	11♎52	20°18	24°30	8°59	29°29	14°38	2°53	6°53	10°40	11°17	10° 1	19°12	n.a.	T 10
F 11	22 33 48	6°30'44	26°10	21°54	25°45	9°42	29°25	14°42	2°52	6°55	10°40	11°14	9°57	19°18	n.a.	F 11
S 12	22 37 45	7°30'35	10♏ 1	23°31	27° 1	10°26	29°20	14°46	2°52	6°57	10°41	11°11	9°54	19°25	n.a.	S 12
S 13	22 41 42	8°30'28	23°24	25°10	28°16	11° 9	29°15	14°50	2°51	6°59	10°41	11° 9	9°51	19°31	n.a.	S 13
M14	22 45 38	9°30'23	6♐20	26°50	29°31	11°53	29°11	14°54	2°51	7° 1	10°41	11°D 8	9°48	19°38	n.a.	M14
T 15	22 49 35	10°30'19	18°54	28°30	0♍47	12°37	29° 7	14°59	2°50	7° 3	10°41	11° 8	9°45	19°45	n.a.	T 15
W16	22 53 31	11°30'18	1♑ 9	0♍11	2° 2	13°21	29° 3	15° 3	2°50	7° 5	10°42	11° 9	9°41	19°51	n.a.	W16
T 17	22 57 28	12°30'18	13°10	1°52	3°17	14° 5	28°59	15° 7	2°49	7° 6	10°42	11°11	9°38	19°58	n.a.	T 17
F 18	23 1 24	13°30'20	25° 3	3°33	4°33	14°49	28°55	15°12	2°49	7° 8	10°43	11°13	9°35	20° 5	n.a.	F 18
S 19	23 5 21	14°30'24	6♒51	5°14	5°48	15°33	28°52	15°16	2°49	7°10	10°43	11°R14	9°32	20°11	n.a.	S 19
S 20	23 9 17	15°30'30	18°38	6°56	7° 4	16°17	28°48	15°21	2°49	7°12	10°43	11°14	9°29	20°18	n.a.	S 20
M21	23 13 14	16°30'37	0♓27	8°37	8°19	17° 1	28°45	15°25	2°48	7°14	10°44	11°12	9°26	20°25	n.a.	M21
T 22	23 17 11	17°30'47	12°21	10°17	9°35	17°45	28°43	15°30	2°48	7°16	10°44	11° 8	9°22	20°31	n.a.	T 22
W23	23 21 7	18°30'58	24°22	11°58	10°50	18°29	28°40	15°35	2°48	7°17	10°45	11° 3	9°19	20°38	n.a.	W23
T 24	23 25 4	19°31'11	6♈31	13°38	12° 6	19°14	28°37	15°40	2°D48	7°19	10°45	10°56	9°16	20°45	n.a.	T 24
F 25	23 29 0	20°31'26	18°50	15°18	13°21	19°58	28°35	15°44	2°48	7°21	10°46	10°48	9°13	20°51	n.a.	F 25
S 26	23 32 57	21°31'44	1♉19	16°58	14°37	20°43	28°33	15°49	2°48	7°23	10°47	10°41	9°10	20°58	n.a.	S 26
S 27	23 36 53	22°32'03	14° 0	18°37	15°52	21°27	28°31	15°54	2°48	7°24	10°47	10°35	9° 7	21° 5	n.a.	S 27
M28	23 40 50	23°32'25	26°55	20°16	17° 8	22°12	28°29	15°59	2°49	7°26	10°48	10°30	9° 3	21°11	n.a.	M28
T 29	23 44 46	24°32'48	10♊ 5	21°54	18°23	22°56	28°28	16° 5	2°49	7°28	10°49	10°26	9° 0	21°18	n.a.	T 29
W30	23 48 43	25♍33'14	23♊32	23♍32	19♍39	23♎41	28♑27	16♏10	2♑49	7♌29	10♐49	10°D25	8♒57	21♒24	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n52	25n25	5n 0	19n22	0n59	18n24	1n20	1s 2	0s 2	21s54	1s31	14s55	1n30	24s18	0s30	19n53	0n58	23s53	1s28	17s40	17s54	14s58		n.a.
W 2	12 31	27 15	4 28	19 18	1 11	18 3	1 21	1 20	0 2	21 55	1 31	14 56	1 30	24 18	0 30	19 52	0 58	23 53	1 28	17 39	17 55	14 55		n.a.
T 3	12 10	27 28	3 39	19 10	1 20	17 41	1 22	1 38	0 3	21 57	1 31	14 57	1 29	24 18	0 30	19 52	0 58	23 53	1 28	17 39	17 56	14 52		n.a.
F 4	11 49	25 51	2 35	18 58	1 29	17 19	1 23	1 56	0 4	21 58	1 31	14 58	1 29	24 18	0 30	19 51	0 58	23 53	1 29	17 39	17 57	14 50		n.a.
S 5	11 28	22 27	1 20	18 44	1 37	16 56	1 23	2 14	0 5	21 59	1 31	15 0	1 29	24 18	0 30	19 51	0 58	23 53	1 29	17 39	17 58	14 47		n.a.
S 6	11 6	17 30	0s 2	18 26	1 43	16 33	1 24	2 32	0 5	22 0	1 31	15 1	1 29	24 18	0 30	19 50	0 58	23 53	1 29	17 38	17 58	14 44		n.a.
M 7	10 45	11 24	1 25	18 6	1 48	16 9	1 25	2 50	0 6	22 1	1 31	15 2	1 29	24 18	0 29	19 50	0 58	23 53	1 29	17 39	17 59	14 41		n.a.
T 8	10 23	4 38	2 41	17 42	1 52	15 45	1 25	3 8	0 7	22 2	1 31	15 3	1 28	24 18	0 29	19 49	0 58	23 53	1 29	17 39	18 0	14 38		n.a.
W 9	10 1	2s18	3 46	17 16	1 55	15 20	1 25	3 26	0 7	22 3	1 31	15 5	1 28	24 18	0 29	19 49	0 58	23 53	1 29	17 40	18 1	14 35		n.a.
T 10	9 39	8 57	4 34	16 48	1 57	14 55	1 26	3 44	0 8	22 4	1 31	15 6	1 28	24 18	0 29	19 48	0 58	23 53	1 29	17 41	18 2	14 32		n.a.
F 11	9 16	14 58	5 4	16 18	1 58	14 29	1 26	4 3	0 9	22 5	1 30	15 7	1 28	24 18	0 29	19 48	0 58	23 53	1 29	17 42	18 3	14 29		n.a.
S 12	8 54	20 1	5 14	15 46	1 59	14 4	1 26	4 21	0 10	22 6	1 30	15 9	1 28	24 18	0 29	19 47	0 58	23 53	1 29	17 43	18 4	14 26		n.a.
S 13	8 31	23 53	5 7	15 12	1 59	13 37	1 26	4 39	0 10	22 7	1 30	15 10	1 27	24 18	0 29	19 47	0 58	23 53	1 29	17 43	18 5	14 23		n.a.
M14	8 8	26 24	4 45	14 37	1 58	13 10	1 26	4 57	0 11	22 8	1 30	15 11	1 27	24 18	0 29	19 46	0 59	23 53	1 29	17 43	18 5	14 20		n.a.
T 15	7 45	27 30	4 9	14 0	1 56	12 43	1 26	5 15	0 12	22 9	1 30	15 13	1 27	24 18	0 29	19 46	0 59	23 53	1 29	17 43	18 6	14 17		n.a.
W16	7 22	27 12	3 22	13 22	1 54	12 16	1 26	5 33	0 13	22 9	1 30	15 14	1 27	24 18	0 29	19 45	0 59	23 53	1 29	17 43	18 7	14 14		n.a.
T 17	6 59	25 38	2 28	12 43	1 51	11 48	1 26	5 51	0 13	22 10	1 30	15 16	1 27	24 18	0 29	19 45	0 59	23 54	1 29	17 43	18 8	14 11		n.a.
F 18	6 35	22 55	1 28	12 3	1 48	11 20	1 26	6 9	0 14	22 11	1 30	15 17	1 27	24 18	0 29	19 44	0 59	23 54	1 29	17 42	18 9	14 9		n.a.
S 19	6 12	19 15	0 24	11 22	1 45	10 52	1 26	6 27	0 15	22 11	1 29	15 19	1 26	24 18	0 29	19 44	0 59	23 54	1 29	17 42	18 10	14 6		n.a.
S 20	5 48	14 51	0n40	10 40	1 41	10 23	1 26	6 44	0 15	22 12	1 29	15 20	1 26	24 18	0 29	19 43	0 59	23 54	1 29	17 42	18 11	14 3		n.a.
M21	5 25	9 54	1 43	9 58	1 37	9 54	1 25	7 2	0 16	22 12	1 29	15 22	1 26	24 18	0 29	19 43	0 59	23 54	1 29	17 42	18 11	14 0		n.a.
T 22	5 1	4 33	2 42	9 15	1 32	9 25	1 25	7 20	0 17	22 13	1 29	15 23	1 26	24 18	0 29	19 43	0 59	23 54	1 29	17 43	18 12	13 57		n.a.
W23	4 37	0n59	3 33	8 32	1 27	8 55	1 24	7 38	0 17	22 13	1 29	15 25	1 26	24 18	0 29	19 42	0 59	23 54	1 29	17 45	18 13	13 54		n.a.
T 24	4 13	6 32	4 16	7 48	1 22	8 25	1 24	7 56	0 18	22 13	1 29	15 26	1 25	24 18	0 29	19 42	0 59	23 54	1 29	17 47	18 14	13 51		n.a.
F 25	3 49	11 54	4 47	7 4	1 17	7 55	1 23	8 13	0 19	22 14	1 28	15 28	1 25	24 18	0 29	19 41	0 59	23 55	1 29	17 49	18 15	13 48		n.a.
S 26	3 25	16 53	5 5	6 19	1 11	7 25	1 22	8 31	0 19	22 14	1 28	15 30	1 25	24 18	0 29	19 41	0 59	23 55	1 30	17 51	18 16	13 45		n.a.
S 27	3 1	21 12	5 9	5 35	1 5	6 55	1 21	8 49	0 20	22 14	1 28	15 31	1 25	24 18	0 29	19 40	0 59	23 55	1 30	17 53	18 17	13 42		n.a.
M28	2 36	24 36	4 57	4 50	1 0	6 24	1 21	9 6	0 21	22 14	1 28	15 33	1 25	24 18	0 29	19 40	0 59	23 55	1 30	17 54	18 17	13 39		n.a.
T 29	2 12	26 46	4 29	4 5	0 54	5 53	1 20	9 24	0 22	22 14	1 28	15 35	1 25	24 18	0 29	19 40	0 59	23 55	1 30	17 55	18 18	13 36		n.a.
W30	1n48	27n27	3n46	3n20	0n48	5n22	1n19	9s41	0s22	22s15	1s27	15s36	1n24	24s18	0s29	19n39	0n59	23s55	1s30	17s55	18s19	13s33		n.a.

Julian Day Number = 1285557.5, Delta T = 08h04m04s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'48, Lahiri = -20°25'47 Julian Calendar 1 Sept. 1194 BCE == Greg. Calendar 21 Aug. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

OCTOBER 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 52 39	26♍33'42	7♋17	25♍10	20♍54	24♎26	28°R26	16♏15	2♑49	7♘31	10♐50	10♒26	8♒54	21♒31	n.a.	T 1
F 2	23 56 36	27°34'12	21°22	26°47	22°10	25°11	28♑25	16°21	2°50	7°33	10°51	10°27	8°51	21°38	n.a.	F 2
S 3	0 0 33	28°34'44	5♘45	28°24	23°25	25°56	28°24	16°26	2°50	7°34	10°52	10°R28	8°47	21°44	n.a.	S 3
S 4	0 4 29	29°35'18	20°25	0♎ 0	24°41	26°40	28°23	16°31	2°51	7°36	10°53	10°28	8°44	21°51	n.a.	S 4
M 5	0 8 26	0♎35'54	5♍18	1°36	25°57	27°26	28°23	16°37	2°51	7°37	10°54	10°25	8°41	21°58	n.a.	M 5
T 6	0 12 22	1°36'32	20°15	3°12	27°12	28°11	28°D23	16°42	2°52	7°39	10°54	10°20	8°38	22° 4	n.a.	T 6
W 7	0 16 19	2°37'11	5♎ 9	4°48	28°28	28°56	28°23	16°48	2°53	7°40	10°55	10°13	8°35	22°11	n.a.	W 7
T 8	0 20 15	3°37'52	19°51	6°23	29°43	29°41	28°24	16°54	2°53	7°42	10°56	10° 5	8°32	22°18	n.a.	T 8
F 9	0 24 12	4°38'35	4♏13	7°58	0♎59	0♏26	28°24	17° 0	2°54	7°43	10°57	9°56	8°28	22°24	n.a.	F 9
S 10	0 28 8	5°39'19	18°10	9°33	2°15	1°11	28°25	17° 5	2°55	7°44	10°58	9°47	8°25	22°31	n.a.	S 10
S 11	0 32 5	6°40'04	1♐39	11° 7	3°30	1°57	28°26	17°11	2°56	7°46	10°59	9°40	8°22	22°38	n.a.	S 11
M12	0 36 2	7°40'51	14°40	12°41	4°46	2°42	28°27	17°17	2°57	7°47	11° 0	9°35	8°19	22°44	n.a.	M12
T 13	0 39 58	8°41'39	27°17	14°15	6° 2	3°28	28°29	17°23	2°58	7°48	11° 2	9°32	8°16	22°51	n.a.	T 13
W14	0 43 55	9°42'28	9♑34	15°49	7°17	4°13	28°30	17°29	2°59	7°50	11° 3	9°D31	8°13	22°58	n.a.	W14
T 15	0 47 51	10°43'18	21°35	17°22	8°33	4°59	28°32	17°35	3° 0	7°51	11° 4	9°32	8° 9	23° 4	n.a.	T 15
F 16	0 51 48	11°44'09	3♒26	18°56	9°48	5°44	28°34	17°41	3° 1	7°52	11° 5	9°R32	8° 6	23°11	n.a.	F 16
S 17	0 55 44	12°45'02	15°13	20°29	11° 4	6°30	28°36	17°47	3° 2	7°53	11° 6	9°32	8° 3	23°18	n.a.	S 17
S 18	0 59 41	13°45'55	27° 1	22° 2	12°20	7°16	28°39	17°54	3° 3	7°54	11° 7	9°31	8° 0	23°24	n.a.	S 18
M19	1 3 37	14°46'50	8♓53	23°35	13°35	8° 1	28°41	18° 0	3° 4	7°56	11° 9	9°27	7°57	23°31	n.a.	M19
T 20	1 7 34	15°47'45	20°53	25° 7	14°51	8°47	28°44	18° 6	3° 6	7°57	11°10	9°20	7°53	23°37	n.a.	T 20
W21	1 11 31	16°48'42	3♈ 5	26°40	16° 7	9°33	28°47	18°12	3° 7	7°58	11°11	9°10	7°50	23°44	n.a.	W21
T 22	1 15 27	17°49'40	15°28	28°12	17°22	10°19	28°50	18°19	3° 8	7°59	11°12	8°58	7°47	23°51	n.a.	T 22
F 23	1 19 24	18°50'39	28° 4	29°45	18°38	11° 5	28°54	18°25	3°10	8° 0	11°14	8°45	7°44	23°57	n.a.	F 23
S 24	1 23 20	19°51'39	10♉53	1♏17	19°53	11°51	28°57	18°32	3°11	8° 1	11°15	8°33	7°41	24° 4	n.a.	S 24
S 25	1 27 17	20°52'41	23°53	2°49	21° 9	12°37	29° 1	18°38	3°13	8° 2	11°16	8°21	7°38	24°11	n.a.	S 25
M26	1 31 13	21°53'44	7♊ 5	4°21	22°25	13°23	29° 5	18°45	3°14	8° 3	11°18	8°11	7°34	24°17	n.a.	M26
T 27	1 35 10	22°54'48	20°28	5°52	23°40	14° 9	29° 9	18°51	3°16	8° 4	11°19	8° 5	7°31	24°24	n.a.	T 27
W28	1 39 6	23°55'53	4♋ 1	7°24	24°56	14°55	29°14	18°58	3°18	8° 4	11°21	8° 1	7°28	24°31	n.a.	W28
T 29	1 43 3	24°57'00	17°45	8°55	26°11	15°41	29°18	19° 4	3°19	8° 5	11°22	7°59	7°25	24°37	n.a.	T 29
F 30	1 47 0	25°58'08	1♘40	10°25	27°27	16°27	29°23	19°11	3°21	8° 6	11°24	7°59	7°22	24°44	n.a.	F 30
S 31	1 50 56	26♎59'17	15♘48	11♏56	28♎43	17♏14	29♑28	19♏18	3♑23	8♘ 7	11♐25	7♒59	7♒18	24♒51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1n23	26n27	2n50	2n35	0n41	4n51	1n18	9s59	0s23	22s15	1s27	15s38	1n24	24s18	0s29	19n39	0n59	23s55	1s30	17s55	18s20	13s30			n.a.
F 2	0 59	23 47	1 41	1 50	0 35	4 20	1 17	10 16	0 24	22 15	1 27	15 40	1 24	24 17	0 29	19 38	0 59	23 56	1 30	17 55	18 21	13 27			n.a.
S 3	0 34	19 33	0 25	1 5	0 29	3 48	1 16	10 33	0 24	22 15	1 27	15 41	1 24	24 17	0 29	19 38	0 59	23 56	1 30	17 54	18 22	13 24			n.a.
S 4	0 10	14 5	0s54	0 20	0 22	3 17	1 14	10 50	0 25	22 14	1 27	15 43	1 24	24 17	0 29	19 38	0 59	23 56	1 30	17 55	18 23	13 21			n.a.
M 5	0s15	7 43	2 10	0s25	0 16	2 45	1 13	11 7	0 26	22 14	1 26	15 45	1 24	24 17	0 29	19 37	0 59	23 56	1 30	17 55	18 23	13 18			n.a.
T 6	0 39	0 54	3 17	1 9	0 9	2 14	1 12	11 24	0 26	22 14	1 26	15 47	1 24	24 17	0 29	19 37	0 59	23 56	1 30	17 57	18 24	13 15			n.a.
W 7	1 4	5s55	4 11	1 54	0 3	1 42	1 11	11 41	0 27	22 14	1 26	15 48	1 23	24 17	0 29	19 37	0 59	23 56	1 30	17 58	18 25	13 12			n.a.
T 8	1 28	12 18	4 47	2 38	0s 4	1 10	1 9	11 58	0 27	22 14	1 26	15 50	1 23	24 17	0 29	19 36	0 59	23 57	1 30	18 1	18 26	13 9			n.a.
F 9	1 52	17 54	5 4	3 22	0 10	0 38	1 8	12 15	0 28	22 13	1 26	15 52	1 23	24 17	0 29	19 36	0 59	23 57	1 30	18 3	18 27	13 6			n.a.
S 10	2 17	22 21	5 3	4 6	0 17	0 6	1 6	12 32	0 29	22 13	1 25	15 54	1 23	24 17	0 29	19 36	0 59	23 57	1 30	18 6	18 28	13 3			n.a.
S 11	2 41	25 28	4 44	4 49	0 23	0s26	1 5	12 48	0 29	22 13	1 25	15 55	1 23	24 17	0 29	19 35	0 59	23 57	1 30	18 8	18 28	13 0			n.a.
M12	3 6	27 6	4 11	5 33	0 30	0 58	1 3	13 5	0 30	22 12	1 25	15 57	1 23	24 17	0 29	19 35	0 59	23 57	1 30	18 9	18 29	12 57			n.a.
T 13	3 30	27 15	3 26	6 16	0 36	1 30	1 1	13 21	0 31	22 12	1 25	15 59	1 22	24 17	0 29	19 35	1 0	23 58	1 30	18 10	18 30	12 54			n.a.
W14	3 54	26 2	2 33	6 58	0 42	2 2	1 0	13 38	0 31	22 11	1 25	16 1	1 22	24 17	0 29	19 34	1 0	23 58	1 30	18 10	18 31	12 51			n.a.
T 15	4 19	23 38	1 35	7 41	0 49	2 33	0 58	13 54	0 32	22 10	1 24	16 3	1 22	24 17	0 29	19 34	1 0	23 58	1 30	18 10	18 32	12 48			n.a.
F 16	4 43	20 14	0 33	8 22	0 55	3 5	0 56	14 10	0 32	22 10	1 24	16 5	1 22	24 17	0 29	19 34	1 0	23 58	1 30	18 10	18 33	12 45			n.a.
S 17	5 7	16 3	0n30	9 4	1 1	3 37	0 54	14 26	0 33	22 9	1 24	16 7	1 22	24 17	0 29	19 34	1 0	23 58	1 31	18 10	18 33	12 42			n.a.
S 18	5 31	11 17	1 32	9 45	1 7	4 9	0 53	14 42	0 34	22 8	1 24	16 8	1 22	24 17	0 29	19 33	1 0	23 59	1 31	18 10	18 34	12 39			n.a.
M19	5 55	6 4	2 30	10 25	1 12	4 40	0 51	14 57	0 34	22 8	1 24	16 10	1 22	24 17	0 29	19 33	1 0	23 59	1 31	18 11	18 35	12 36			n.a.
T 20	6 19	0 35	3 21	11 5	1 18	5 12	0 49	15 13	0 35	22 7	1 23	16 12	1 22	24 17	0 29	19 33	1 0	23 59	1 31	18 13	18 36	12 33			n.a.
W21	6 43	4n58	4 5	11 45	1 24	5 43	0 47	15 28	0 35	22 6	1 23	16 14	1 21	24 17	0 29	19 33	1 0	23 59	1 31	18 16	18 37	12 30			n.a.
T 22	7 6	10 26	4 37	12 24	1 29	6 14	0 45	15 44	0 36	22 5	1 23	16 16	1 21	24 17	0 29	19 32	1 0	24 0	1 31	18 19	18 38	12 27			n.a.
F 23	7 30	15 33	4 56	13 2	1 34	6 46	0 43	15 59	0 37	22 4	1 23	16 18	1 21	24 17	0 29	19 32	1 0	24 0	1 31	18 22	18 38	12 24			n.a.
S 24	7 54	20 6	5 1	13 39	1 39	7 17	0 41	16 14	0 37	22 3	1 23	16 20	1 21	24 17	0 29	19 32	1 0	24 0	1 31	18 26	18 39	12 21			n.a.
S 25	8 17	23 44	4 51	14 16	1 44	7 47	0 39	16 29	0 38	22 2	1 22	16 22	1 21	24 17	0 29	19 32	1 0	24 0	1 31	18 29	18 40	12 18			n.a.
M26	8 40	26 12	4 24	14 53	1 48	8 18	0 37	16 43	0 38	22 1	1 22	16 24	1 21	24 16	0 29	19 32	1 0	24 1	1 31	18 31	18 41	12 15			n.a.
T 27	9 3	27 12	3 44	15 28	1 53	8 48	0 34	16 58	0 39	22 0	1 22	16 26	1 21	24 16	0 29	19 31	1 0	24 1	1 31	18 33	18 42	12 12			n.a.
W28	9 26	26 36	2 50	16 3	1 57	9 19	0 32	17 13	0 40	21 59	1 22	16 27	1 21	24 16	0 29	19 31	1 0	24 1	1 31	18 34	18 43	12 9			n.a.
T 29	9 49	24 22	1 45	16 36	2 1	9 49	0 30	17 27	0 40	21 58	1 22	16 29	1 20	24 16	0 29	19 31	1 0	24 1	1 31	18 34	18 43	12 6			n.a.
F 30	10 12	20 40	0 33	17 9	2 4	10 18	0 28	17 41	0 41	21 57	1 21	16 31	1 20	24 16	0 29	19 31	1 0	24 2	1 31	18 34	18 44	12 3			n.a.
S 31	10s34	15n43	0s41	17s41	2s 7	10s48	0n26	17s55	0s41	21s56	1s21	16s33	1n20	24s16	0s29	19n31	1n 0	24s 2	1s31	18s34	18s45	12s 0			n.a.

Julian Day Number = 1285587.5, Delta T = 08h04m03s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'44, Lahiri = -20°25'43 Julian Calendar 1 Oct. 1194 BCE == Greg. Calendar 20 Sept. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

NOVEMBER 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 54 53	28♎ 0'27	0♍ 6	13♏26	29♎58	18♏ 0	29♑33	19♏24	3♑25	8♌ 7	11♐27	7°R58	7♒15	24♒57	n.a.	S 1
M 2	1 58 49	29° 1'38	14°33	14°56	1♏14	18°46	29°38	19°31	3°27	8° 8	11°28	7♒54	7°12	25° 4	n.a.	M 2
T 3	2 2 46	0♏ 2'50	29° 5	16°25	2°29	19°33	29°44	19°38	3°29	8° 9	11°30	7°47	7° 9	25°11	n.a.	T 3
W 4	2 6 42	1° 4'03	13♎37	17°53	3°45	20°19	29°49	19°44	3°31	8° 9	11°31	7°37	7° 6	25°17	n.a.	W 4
T 5	2 10 39	2° 5'17	28° 1	19°20	5° 0	21° 6	29°55	19°51	3°33	8°10	11°33	7°25	7° 3	25°24	n.a.	T 5
F 6	2 14 35	3° 6'31	12♏10	20°47	6°16	21°52	0♒ 1	19°58	3°35	8°10	11°35	7°12	6°59	25°31	n.a.	F 6
S 7	2 18 32	4° 7'46	26° 0	22°12	7°32	22°39	0° 7	20° 5	3°37	8°11	11°36	7° 0	6°56	25°37	n.a.	S 7
S 8	2 22 29	5° 9'02	9♐27	23°36	8°47	23°25	0°13	20°12	3°39	8°11	11°38	6°49	6°53	25°44	n.a.	S 8
M 9	2 26 25	6°10'18	22°29	24°58	10° 3	24°12	0°20	20°19	3°41	8°12	11°40	6°40	6°50	25°51	n.a.	M 9
T 10	2 30 22	7°11'34	5♑ 8	26°18	11°18	24°59	0°27	20°26	3°43	8°12	11°41	6°35	6°47	25°57	n.a.	T 10
W11	2 34 18	8°12'51	17°27	27°36	12°34	25°45	0°33	20°32	3°46	8°13	11°43	6°32	6°44	26° 4	n.a.	W11
T 12	2 38 15	9°14'07	29°30	28°51	13°49	26°32	0°40	20°39	3°48	8°13	11°45	6°31	6°40	26°10	n.a.	T 12
F 13	2 42 11	10°15'24	11♒23	0♐ 3	15° 5	27°19	0°48	20°46	3°50	8°13	11°46	6°31	6°37	26°17	n.a.	F 13
S 14	2 46 8	11°16'41	23°11	1°12	16°20	28° 6	0°55	20°53	3°53	8°14	11°48	6°31	6°34	26°24	n.a.	S 14
S 15	2 50 5	12°17'58	4♓59	2°16	17°36	28°53	1° 2	21° 0	3°55	8°14	11°50	6°29	6°31	26°30	n.a.	S 15
M16	2 54 1	13°19'14	16°54	3°15	18°51	29°39	1°10	21° 7	3°58	8°14	11°52	6°25	6°28	26°37	n.a.	M16
T 17	2 57 58	14°20'31	28°59	4° 8	20° 7	0♐26	1°18	21°14	4° 0	8°14	11°54	6°18	6°24	26°44	n.a.	T 17
W18	3 1 54	15°21'48	11♈18	4°55	21°22	1°13	1°26	21°21	4° 3	8°14	11°55	6° 8	6°21	26°50	n.a.	W18
T 19	3 5 51	16°23'04	23°54	5°35	22°37	2° 0	1°34	21°28	4° 5	8°14	11°57	5°56	6°18	26°57	n.a.	T 19
F 20	3 9 47	17°24'21	6♉46	6° 6	23°53	2°47	1°42	21°35	4° 8	8°14	11°59	5°43	6°15	27° 4	n.a.	F 20
S 21	3 13 44	18°25'38	19°56	6°28	25° 8	3°34	1°50	21°42	4°11	8°R14	12° 1	5°29	6°12	27°10	n.a.	S 21
S 22	3 17 40	19°26'54	3♊20	6°40	26°24	4°21	1°59	21°49	4°13	8°14	12° 3	5°17	6° 9	27°17	n.a.	S 22
M23	3 21 37	20°28'11	16°57	6°R42	27°39	5° 8	2° 7	21°56	4°16	8°14	12° 5	5° 7	6° 5	27°24	n.a.	M23
T 24	3 25 34	21°29'28	0♋43	6°32	28°54	5°55	2°16	22° 3	4°19	8°14	12° 6	5° 0	6° 2	27°30	n.a.	T 24
W25	3 29 30	22°30'45	14°36	6°10	0♐10	6°42	2°25	22°10	4°21	8°14	12° 8	4°56	5°59	27°37	n.a.	W25
T 26	3 33 27	23°32'02	28°34	5°36	1°25	7°29	2°34	22°17	4°24	8°14	12°10	4°54	5°56	27°44	n.a.	T 26
F 27	3 37 23	24°33'20	12♌35	4°51	2°40	8°16	2°43	22°25	4°27	8°14	12°12	4°D54	5°53	27°50	n.a.	F 27
S 28	3 41 20	25°34'37	26°39	3°55	3°56	9° 3	2°53	22°32	4°30	8°14	12°14	4°R55	5°50	27°57	n.a.	S 28
S 29	3 45 16	26°35'54	10♍45	2°50	5°11	9°51	3° 2	22°39	4°33	8°13	12°16	4°54	5°46	28° 4	n.a.	S 29
M30	3 49 13	27♏37'11	24♍53	1♐38	6♐26	10♐38	3♒12	22♏46	4♑36	8♌13	12♐18	4♒51	5♒43	28♒10	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s56	9n51	1s54	18s12	2s10	11s17	0n23	18s 9	0s42	21s54	1s21	16s35	1n20	24s16	0s29	19n31	1n 0	24s 2	1s31	18s35	18s46	11s57		n.a.
M 2	11 19	3 25	3 0	18 41	2 12	11 46	0 21	18 22	0 42	21 53	1 21	16 37	1 20	24 16	0 29	19 30	1 0	24 2	1 31	18 36	18 47	11 54		n.a.
T 3	11 41	3s13	3 55	19 10	2 14	12 15	0 19	18 36	0 43	21 52	1 21	16 39	1 20	24 16	0 29	19 30	1 0	24 3	1 31	18 38	18 48	11 51		n.a.
W 4	12 2	9 40	4 35	19 37	2 16	12 43	0 16	18 49	0 43	21 50	1 20	16 41	1 20	24 16	0 29	19 30	1 0	24 3	1 32	18 40	18 48	11 48		n.a.
T 5	12 24	15 32	4 56	20 3	2 17	13 11	0 14	19 2	0 44	21 49	1 20	16 43	1 20	24 16	0 28	19 30	1 1	24 3	1 32	18 43	18 49	11 44		n.a.
F 6	12 45	20 28	4 59	20 27	2 18	13 39	0 12	19 15	0 44	21 47	1 20	16 45	1 20	24 16	0 28	19 30	1 1	24 4	1 32	18 47	18 50	11 41		n.a.
S 7	13 6	24 10	4 44	20 50	2 18	14 6	0 9	19 28	0 45	21 46	1 20	16 47	1 20	24 16	0 28	19 30	1 1	24 4	1 32	18 50	18 51	11 38		n.a.
S 8	13 27	26 25	4 14	21 11	2 17	14 33	0 7	19 40	0 45	21 44	1 20	16 49	1 19	24 16	0 28	19 30	1 1	24 4	1 32	18 53	18 52	11 35		n.a.
M 9	13 48	27 7	3 30	21 31	2 16	15 0	0 5	19 53	0 46	21 42	1 19	16 51	1 19	24 16	0 28	19 30	1 1	24 4	1 32	18 55	18 52	11 32		n.a.
T 10	14 8	26 22	2 38	21 49	2 14	15 26	0 2	20 5	0 46	21 41	1 19	16 53	1 19	24 15	0 28	19 30	1 1	24 5	1 32	18 56	18 53	11 29		n.a.
W11	14 29	24 19	1 39	22 5	2 11	15 52	0s 0	20 17	0 47	21 39	1 19	16 55	1 19	24 15	0 28	19 30	1 1	24 5	1 32	18 57	18 54	11 26		n.a.
T 12	14 49	21 12	0 37	22 18	2 7	16 17	0 3	20 28	0 47	21 37	1 19	16 57	1 19	24 15	0 28	19 30	1 1	24 5	1 32	18 57	18 55	11 23		n.a.
F 13	15 8	17 14	0n26	22 30	2 3	16 42	0 5	20 40	0 48	21 36	1 19	16 59	1 19	24 15	0 28	19 29	1 1	24 6	1 32	18 57	18 56	11 20		n.a.
S 14	15 28	12 39	1 27	22 39	1 58	17 7	0 7	20 51	0 48	21 34	1 19	17 0	1 19	24 15	0 28	19 29	1 1	24 6	1 32	18 57	18 56	11 17		n.a.
S 15	15 47	7 36	2 25	22 46	1 51	17 31	0 10	21 2	0 49	21 32	1 18	17 2	1 19	24 15	0 28	19 29	1 1	24 6	1 32	18 58	18 57	11 14		n.a.
M16	16 6	2 15	3 16	22 51	1 44	17 55	0 12	21 13	0 49	21 30	1 18	17 4	1 19	24 15	0 28	19 29	1 1	24 7	1 32	18 59	18 58	11 11		n.a.
T 17	16 24	3n15	4 0	22 53	1 35	18 18	0 14	21 23	0 50	21 28	1 18	17 6	1 19	24 15	0 28	19 29	1 1	24 7	1 32	19 1	18 59	11 8		n.a.
W18	16 43	8 43	4 33	22 52	1 25	18 40	0 17	21 34	0 50	21 26	1 18	17 8	1 19	24 15	0 28	19 29	1 1	24 7	1 32	19 3	19 0	11 5		n.a.
T 19	17 1	13 58	4 54	22 48	1 14	19 2	0 19	21 44	0 51	21 24	1 18	17 10	1 19	24 15	0 28	19 29	1 1	24 7	1 32	19 6	19 1	11 2		n.a.
F 20	17 19	18 43	5 0	22 41	1 1	19 24	0 21	21 54	0 51	21 22	1 17	17 12	1 18	24 15	0 28	19 29	1 1	24 8	1 33	19 9	19 1	10 59		n.a.
S 21	17 36	22 41	4 51	22 32	0 47	19 45	0 24	22 4	0 51	21 20	1 17	17 14	1 18	24 15	0 28	19 30	1 1	24 8	1 33	19 13	19 2	10 55		n.a.
S 22	17 53	25 31	4 26	22 19	0 32	20 5	0 26	22 13	0 52	21 18	1 17	17 16	1 18	24 14	0 28	19 30	1 1	24 8	1 33	19 16	19 3	10 52		n.a.
M23	18 10	26 55	3 45	22 3	0 16	20 25	0 28	22 22	0 52	21 16	1 17	17 18	1 18	24 14	0 28	19 30	1 1	24 9	1 33	19 18	19 4	10 49		n.a.
T 24	18 26	26 41	2 51	21 44	0n 2	20 45	0 31	22 31	0 53	21 14	1 17	17 20	1 18	24 14	0 28	19 30	1 1	24 9	1 33	19 20	19 5	10 46		n.a.
W25	18 42	24 46	1 46	21 21	0 21	21 3	0 33	22 40	0 53	21 11	1 17	17 22	1 18	24 14	0 28	19 30	1 1	24 9	1 33	19 21	19 5	10 43		n.a.
T 26	18 58	21 20	0 34	20 56	0 40	21 22	0 35	22 48	0 54	21 9	1 16	17 23	1 18	24 14	0 28	19 30	1 1	24 10	1 33	19 21	19 6	10 40		n.a.
F 27	19 13	16 40	0s41	20 29	1 0	21 39	0 37	22 56	0 54	21 7	1 16	17 25	1 18	24 14	0 28	19 30	1 2	24 10	1 33	19 21	19 7	10 37		n.a.
S 28	19 28	11 4	1 53	19 59	1 20	21 56	0 39	23 4	0 54	21 4	1 16	17 27	1 18	24 14	0 28	19 30	1 2	24 10	1 33	19 21	19 8	10 34		n.a.
S 29	19 43	4 55	2 58	19 27	1 40	22 12	0 42	23 12	0 55	21 2	1 16	17 29	1 18	24 14	0 28	19 30	1 2	24 11	1 33	19 21	19 9	10 31		n.a.
M30	19s57	1s29	3s53	18s54	1n58	22s28	0s44	23s19	0s55	21s 0	1s16	17s31	1n18	24s14	0s28	19n30	1n 2	24s11	1s33	19s22	19s 9	10s28		n.a.

Julian Day Number = 1285618.5, Delta T = 08h04m01s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'39, Lahiri = -20°25'39 Julian Calendar 1 Nov. 1194 BCE == Greg. Calendar 21 Oct. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1194 BCE
geocentric

DECEMBER 1194 BCE (-1193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 10	28♏38'28	8♎59	0°R20	7♐42	11♐25	3♒22	22♏53	4♑39	8°R13	12♐20	4°R45	5♒40	28♒17	n.a.	T 1
W 2	3 57 6	29°39'45	23° 2	29♏ 1	8°57	12°12	3°31	23° 0	4°42	8♌13	12°22	4♒37	5°37	28°24	n.a.	W 2
T 3	4 1 3	0♐41'02	6♏58	27°41	10°12	13° 0	3°41	23° 7	4°45	8°12	12°24	4°27	5°34	28°30	n.a.	T 3
F 4	4 4 59	1°42'18	20°43	26°24	11°28	13°47	3°51	23°14	4°48	8°12	12°26	4°16	5°30	28°37	n.a.	F 4
S 5	4 8 56	2°43'34	4♐13	25°11	12°43	14°34	4° 2	23°21	4°51	8°11	12°28	4° 5	5°27	28°44	n.a.	S 5
S 6	4 12 52	3°44'49	17°26	24° 6	13°58	15°21	4°12	23°28	4°54	8°11	12°30	3°55	5°24	28°50	n.a.	S 6
M 7	4 16 49	4°46'04	0♑19	23° 8	15°13	16° 9	4°22	23°35	4°57	8°10	12°31	3°47	5°21	28°57	n.a.	M 7
T 8	4 20 45	5°47'18	12°53	22°19	16°29	16°56	4°33	23°41	5° 0	8°10	12°33	3°43	5°18	29° 4	n.a.	T 8
W 9	4 24 42	6°48'31	25°11	21°39	17°44	17°43	4°44	23°48	5° 3	8° 9	12°35	3°40	5°15	29°10	n.a.	W 9
T 10	4 28 39	7°49'44	7♒14	21° 9	18°59	18°31	4°55	23°55	5° 6	8° 9	12°37	3°D40	5°11	29°17	n.a.	T 10
F 11	4 32 35	8°50'55	19° 7	20°49	20°14	19°18	5° 5	24° 2	5°10	8° 8	12°39	3°41	5° 8	29°24	n.a.	F 11
S 12	4 36 32	9°52'05	0♓56	20°38	21°29	20° 5	5°16	24° 9	5°13	8° 7	12°41	3°42	5° 5	29°30	n.a.	S 12
S 13	4 40 28	10°53'14	12°45	20°D35	22°45	20°53	5°28	24°16	5°16	8° 7	12°43	3°R42	5° 2	29°37	n.a.	S 13
M14	4 44 25	11°54'21	24°40	20°40	24° 0	21°40	5°39	24°23	5°19	8° 6	12°45	3°41	4°59	29°44	n.a.	M14
T 15	4 48 21	12°55'28	6♈46	20°53	25°15	22°27	5°50	24°30	5°23	8° 5	12°47	3°38	4°56	29°50	n.a.	T 15
W16	4 52 18	13°56'33	19° 7	21°13	26°30	23°15	6° 1	24°36	5°26	8° 4	12°49	3°33	4°52	29°57	n.a.	W16
T 17	4 56 15	14°57'38	1♉48	21°40	27°45	24° 2	6°13	24°43	5°29	8° 3	12°51	3°26	4°49	0♓ 3	n.a.	T 17
F 18	5 0 11	15°58'41	14°50	22°12	29° 0	24°50	6°24	24°50	5°32	8° 3	12°53	3°17	4°46	0°10	n.a.	F 18
S 19	5 4 8	16°59'43	28°14	22°49	0♑15	25°37	6°36	24°57	5°36	8° 2	12°55	3° 9	4°43	0°17	n.a.	S 19
S 20	5 8 4	18° 0'44	11♊58	23°31	1°30	26°24	6°48	25° 3	5°39	8° 1	12°57	3° 1	4°40	0°23	n.a.	S 20
M21	5 12 1	19° 1'43	25°59	24°18	2°45	27°12	7° 0	25°10	5°42	8° 0	12°59	2°55	4°36	0°30	n.a.	M21
T 22	5 15 57	20° 2'42	10♋12	25° 8	4° 0	27°59	7°12	25°17	5°46	7°59	13° 1	2°51	4°33	0°37	n.a.	T 22
W23	5 19 54	21° 3'39	24°33	26° 2	5°15	28°46	7°24	25°23	5°49	7°58	13° 3	2°48	4°30	0°43	n.a.	W23
T 24	5 23 50	22° 4'36	8♌57	26°59	6°30	29°34	7°36	25°30	5°53	7°57	13° 5	2°D48	4°27	0°50	n.a.	T 24
F 25	5 27 47	23° 5'31	23°18	27°59	7°45	0♑21	7°48	25°36	5°56	7°56	13° 7	2°49	4°24	0°57	n.a.	F 25
S 26	5 31 44	24° 6'25	7♍35	29° 2	9° 0	1° 9	8° 0	25°43	5°59	7°55	13° 9	2°51	4°21	1° 3	n.a.	S 26
S 27	5 35 40	25° 7'18	21°44	0♐ 7	10°15	1°56	8°13	25°49	6° 3	7°54	13°11	2°R52	4°17	1°10	n.a.	S 27
M28	5 39 37	26° 8'10	5♎45	1°15	11°30	2°43	8°25	25°56	6° 6	7°53	13°13	2°51	4°14	1°17	n.a.	M28
T 29	5 43 33	27° 9'02	19°37	2°24	12°45	3°31	8°38	26° 2	6°10	7°51	13°15	2°49	4°11	1°23	n.a.	T 29
W30	5 47 30	28° 9'52	3♏18	3°36	13°59	4°18	8°50	26° 8	6°13	7°50	13°17	2°46	4° 8	1°30	n.a.	W30
T 31	5 51 26	29♐10'40	16♏47	4♐49	15♑14	5♑ 5	9♒ 3	26♏15	6♑17	7♌49	13♐19	2♒41	4♒ 5	1♓37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s11	7s47	4s33	18s21	2n16	22s43	0s46	23s26	0s56	20s57	1s16	17s33	1n18	24s13	0s28	19n30	1n 2	24s11	1s33	19s24	19s10	10s25			n.a.
W 2	20 25	13 41	4 57	17 48	2 32	22 57	0 48	23 33	0 56	20 55	1 16	17 35	1 18	24 13	0 28	19 31	1 2	24 12	1 33	19 26	19 11	10 22			n.a.
T 3	20 38	18 49	5 3	17 17	2 46	23 10	0 50	23 40	0 56	20 52	1 15	17 36	1 18	24 13	0 28	19 31	1 2	24 12	1 33	19 28	19 12	10 18			n.a.
F 4	20 51	22 54	4 51	16 48	2 57	23 23	0 52	23 46	0 57	20 50	1 15	17 38	1 18	24 13	0 28	19 31	1 2	24 12	1 34	19 31	19 12	10 15			n.a.
S 5	21 3	25 38	4 23	16 22	3 7	23 35	0 54	23 52	0 57	20 47	1 15	17 40	1 18	24 13	0 28	19 31	1 2	24 13	1 34	19 33	19 13	10 12			n.a.
S 6	21 15	26 54	3 41	15 59	3 14	23 47	0 56	23 58	0 57	20 44	1 15	17 42	1 18	24 13	0 28	19 31	1 2	24 13	1 34	19 36	19 14	10 9			n.a.
M 7	21 27	26 39	2 49	15 40	3 18	23 58	0 58	24 4	0 58	20 42	1 15	17 44	1 18	24 13	0 28	19 31	1 2	24 13	1 34	19 38	19 15	10 6			n.a.
T 8	21 38	25 1	1 49	15 25	3 21	24 8	1 0	24 9	0 58	20 39	1 15	17 45	1 18	24 13	0 28	19 31	1 2	24 14	1 34	19 39	19 16	10 3			n.a.
W 9	21 48	22 12	0 45	15 15	3 21	24 17	1 1	24 14	0 58	20 36	1 15	17 47	1 17	24 13	0 28	19 32	1 2	24 14	1 34	19 39	19 16	10 0			n.a.
T 10	21 59	18 28	0n19	15 8	3 20	24 25	1 3	24 18	0 59	20 33	1 14	17 49	1 17	24 12	0 28	19 32	1 2	24 14	1 34	19 39	19 17	9 57			n.a.
F 11	22 9	14 2	1 22	15 6	3 17	24 33	1 5	24 23	0 59	20 31	1 14	17 51	1 17	24 12	0 28	19 32	1 2	24 15	1 34	19 39	19 18	9 54			n.a.
S 12	22 18	9 8	2 21	15 7	3 12	24 40	1 7	24 27	0 59	20 28	1 14	17 52	1 17	24 12	0 28	19 32	1 2	24 15	1 34	19 39	19 19	9 51			n.a.
S 13	22 27	3 54	3 14	15 11	3 7	24 46	1 8	24 30	1 0	20 25	1 14	17 54	1 17	24 12	0 28	19 33	1 2	24 16	1 34	19 39	19 20	9 47			n.a.
M14	22 35	1n30	4 0	15 19	3 1	24 52	1 10	24 34	1 0	20 22	1 14	17 56	1 17	24 12	0 28	19 33	1 2	24 16	1 34	19 39	19 20	9 44			n.a.
T 15	22 44	6 55	4 35	15 29	2 54	24 56	1 11	24 37	1 0	20 19	1 14	17 58	1 17	24 12	0 28	19 33	1 2	24 16	1 34	19 40	19 21	9 41			n.a.
W16	22 51	12 11	4 58	15 42	2 46	25 0	1 13	24 40	1 0	20 16	1 14	17 59	1 17	24 12	0 28	19 33	1 2	24 17	1 35	19 41	19 22	9 38			n.a.
T 17	22 58	17 5	5 7	15 57	2 38	25 3	1 14	24 43	1 1	20 13	1 14	18 1	1 17	24 11	0 28	19 34	1 2	24 17	1 35	19 43	19 23	9 35			n.a.
F 18	23 5	21 21	5 1	16 13	2 29	25 6	1 16	24 45	1 1	20 10	1 13	18 3	1 17	24 11	0 28	19 34	1 2	24 17	1 35	19 45	19 23	9 32			n.a.
S 19	23 11	24 37	4 39	16 31	2 20	25 7	1 17	24 47	1 1	20 7	1 13	18 4	1 17	24 11	0 28	19 34	1 2	24 18	1 35	19 47	19 24	9 29			n.a.
S 20	23 17	26 34	4 0	16 51	2 11	25 8	1 18	24 49	1 1	20 4	1 13	18 6	1 17	24 11	0 28	19 34	1 3	24 18	1 35	19 49	19 25	9 26			n.a.
M21	23 23	26 52	3 6	17 12	2 2	25 8	1 20	24 50	1 2	20 0	1 13	18 8	1 17	24 11	0 28	19 35	1 3	24 18	1 35	19 50	19 26	9 23			n.a.
T 22	23 27	25 25	1 59	17 33	1 52	25 7	1 21	24 51	1 2	19 57	1 13	18 9	1 17	24 11	0 28	19 35	1 3	24 19	1 35	19 51	19 27	9 19			n.a.
W23	23 32	22 18	0 45	17 55	1 43	25 6	1 22	24 52	1 2	19 54	1 13	18 11	1 17	24 11	0 28	19 35	1 3	24 19	1 35	19 51	19 27	9 16			n.a.
T 24	23 36	17 47	0s33	18 18	1 33	25 3	1 23	24 53	1 2	19 51	1 13	18 12	1 17	24 10	0 28	19 36	1 3	24 19	1 35	19 51	19 28	9 13			n.a.
F 25	23 39	12 16	1 49	18 41	1 24	25 0	1 24	24 53	1 3	19 47	1 13	18 14	1 17	24 10	0 28	19 36	1 3	24 20	1 35	19 51	19 29	9 10			n.a.
S 26	23 42	6 7	2 58	19 4	1 15	24 56	1 25	24 53	1 3	19 44	1 13	18 16	1 17	24 10	0 28	19 36	1 3	24 20	1 35	19 51	19 30	9 7			n.a.
S 27	23 45	0s16	3 55	19 27	1 5	24 52	1 26	24 52	1 3	19 41	1 12	18 17	1 17	24 10	0 28	19 36	1 3	24 20	1 36	19 51	19 30	9 4			n.a.
M28	23 47	6 33	4 38	19 50	0 56	24 46	1 27	24 52	1 3	19 37	1 12	18 19	1 17	24 10	0 28	19 37	1 3	24 21	1 36	19 51	19 31	9 1			n.a.
T 29	23 48	12 27	5 3	20 13	0 47	24 40	1 27	24 51	1 3	19 34	1 12	18 20	1 17	24 10	0 28	19 37	1 3	24 21	1 36	19 51	19 32	8 58			n.a.
W30	23 49	17 41	5 11	20 36	0 38	24 33	1 28	24 50	1 4	19 30	1 12	18 22	1 17	24 9	0 28	19 37	1 3	24 21	1 36	19 52	19 33	8 54			n.a.
T 31	23s50	21s57	5s 2	20s59	0n29	24s25	1s29	24s48	1s 4	19s27	1s12	18s23	1n17	24s 9	0s28	19n38	1n 3	24s22	1s36	19s53	19s33	8s51			n.a.

Julian Day Number = 1285648.5, Delta T = 08h03m59s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'35, Lahiri = -20°25'35 Julian Calendar 1 Dec. 1194 BCE == Greg. Calendar 20 Nov. 1194 BCE

The year -1193 astronomical counting style corresponds to year 1194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

JANUARY 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 55 23	0♉11'28	0♐ 5	6♐ 4	16♉29	5♉53	9♒16	26♏21	6♉20	7°R48	13♐21	2°R35	4♒ 2	1♓43	n.a.	F 1
S 2	5 59 20	1°12'14	13° 9	7°20	17°44	6°40	9°29	26°27	6°24	7♌47	13°23	2♒30	3°58	1°50	n.a.	S 2
S 3	6 3 16	2°12'59	26° 0	8°38	18°59	7°27	9°41	26°33	6°27	7°45	13°24	2°25	3°55	1°57	n.a.	S 3
M 4	6 7 13	3°13'42	8♉36	9°57	20°13	8°15	9°54	26°39	6°30	7°44	13°26	2°21	3°52	2° 3	n.a.	M 4
T 5	6 11 9	4°14'24	20°59	11°18	21°28	9° 2	10° 7	26°45	6°34	7°43	13°28	2°19	3°49	2°10	n.a.	T 5
W 6	6 15 6	5°15'04	3♒ 9	12°40	22°43	9°49	10°20	26°52	6°37	7°41	13°30	2°D19	3°46	2°17	n.a.	W 6
T 7	6 19 2	6°15'42	15° 9	14° 3	23°58	10°37	10°34	26°58	6°41	7°40	13°32	2°19	3°42	2°23	n.a.	T 7
F 8	6 22 59	7°16'18	27° 2	15°27	25°12	11°24	10°47	27° 3	6°44	7°39	13°34	2°21	3°39	2°30	n.a.	F 8
S 9	6 26 55	8°16'52	8♓50	16°52	26°27	12°11	11° 0	27° 9	6°48	7°37	13°36	2°23	3°36	2°37	n.a.	S 9
S 10	6 30 52	9°17'25	20°39	18°19	27°41	12°59	11°13	27°15	6°51	7°36	13°37	2°24	3°33	2°43	n.a.	S 10
M11	6 34 49	10°17'55	2♈33	19°46	28°56	13°46	11°27	27°21	6°55	7°34	13°39	2°25	3°30	2°50	n.a.	M11
T 12	6 38 45	11°18'23	14°38	21°15	0♒11	14°33	11°40	27°27	6°58	7°33	13°41	2°R25	3°27	2°57	n.a.	T 12
W13	6 42 42	12°18'50	26°57	22°44	1°25	15°20	11°54	27°32	7° 2	7°32	13°43	2°25	3°23	3° 3	n.a.	W13
T 14	6 46 38	13°19'14	9♉36	24°15	2°40	16° 7	12° 7	27°38	7° 5	7°30	13°45	2°23	3°20	3°10	n.a.	T 14
F 15	6 50 35	14°19'36	22°37	25°46	3°54	16°55	12°21	27°44	7° 9	7°29	13°46	2°21	3°17	3°17	n.a.	F 15
S 16	6 54 31	15°19'56	6♊ 4	27°18	5° 8	17°42	12°34	27°49	7°12	7°27	13°48	2°18	3°14	3°23	n.a.	S 16
S 17	6 58 28	16°20'14	19°55	28°52	6°23	18°29	12°48	27°55	7°16	7°26	13°50	2°16	3°11	3°30	n.a.	S 17
M18	7 2 24	17°20'30	4♋10	0♉26	7°37	19°16	13° 2	28° 0	7°19	7°24	13°52	2°14	3° 8	3°37	n.a.	M18
T 19	7 6 21	18°20'44	18°43	2° 2	8°52	20° 3	13°15	28° 5	7°22	7°23	13°53	2°13	3° 4	3°43	n.a.	T 19
W20	7 10 18	19°20'56	3♌29	3°38	10° 6	20°50	13°29	28°11	7°26	7°21	13°55	2°D13	3° 1	3°50	n.a.	W20
T 21	7 14 14	20°21'06	18°20	5°16	11°20	21°37	13°43	28°16	7°29	7°19	13°57	2°13	2°58	3°57	n.a.	T 21
F 22	7 18 11	21°21'15	3♍ 9	6°54	12°34	22°24	13°57	28°21	7°33	7°18	13°58	2°14	2°55	4° 3	n.a.	F 22
S 23	7 22 7	22°21'21	17°49	8°34	13°49	23°11	14°11	28°26	7°36	7°16	14° 0	2°15	2°52	4°10	n.a.	S 23
S 24	7 26 4	23°21'26	2♎15	10°15	15° 3	23°58	14°25	28°31	7°39	7°15	14° 2	2°16	2°48	4°17	n.a.	S 24
M25	7 30 0	24°21'29	16°24	11°56	16°17	24°45	14°39	28°36	7°43	7°13	14° 3	2°16	2°45	4°23	n.a.	M25
T 26	7 33 57	25°21'30	0♏14	13°39	17°31	25°32	14°53	28°41	7°46	7°11	14° 5	2°R16	2°42	4°30	n.a.	T 26
W27	7 37 53	26°21'29	13°46	15°23	18°45	26°19	15° 7	28°46	7°49	7°10	14° 6	2°16	2°39	4°37	n.a.	W27
T 28	7 41 50	27°21'27	26°59	17° 8	19°59	27° 6	15°21	28°50	7°53	7° 8	14° 8	2°15	2°36	4°43	n.a.	T 28
F 29	7 45 47	28°21'23	9♐57	18°54	21°13	27°53	15°35	28°55	7°56	7° 7	14° 9	2°15	2°33	4°50	n.a.	F 29
S 30	7 49 43	29°21'18	22°40	20°41	22°27	28°39	15°49	29° 0	7°59	7° 5	14°11	2°14	2°29	4°57	n.a.	S 30
S 31	7 53 40	0♒21'10	5♉ 9	22♉29	23♒41	29♉26	16♒ 3	29♏ 4	8♉ 3	7♌ 3	14♐12	2♒14	2♒26	5♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	25s 0	4s37	21s21	0n20	24s17	1s29	24s46	1s 4	19s23	1s12	18s25	1n17	24s 9	0s28	19n38	1n 3	24s22	1s36	19s55	19s34	8s48		n.a.
S 2	23 50	26 40	3 57	21 42	0 12	24 8	1 30	24 44	1 4	19 20	1 12	18 26	1 17	24 9	0 28	19 39	1 3	24 22	1 36	19 56	19 35	8 45		n.a.
S 3	23 49	26 52	3 6	22 3	0 3	23 58	1 30	24 42	1 4	19 16	1 12	18 28	1 17	24 9	0 28	19 39	1 3	24 23	1 36	19 57	19 36	8 42		n.a.
M 4	23 48	25 39	2 6	22 24	0s 5	23 47	1 31	24 39	1 4	19 13	1 12	18 29	1 17	24 9	0 28	19 39	1 3	24 23	1 36	19 58	19 36	8 39		n.a.
T 5	23 46	23 11	1 2	22 43	0 13	23 35	1 31	24 36	1 5	19 9	1 12	18 30	1 17	24 8	0 28	19 40	1 3	24 23	1 36	19 58	19 37	8 36		n.a.
W 6	23 44	19 42	0n 5	23 2	0 21	23 23	1 31	24 33	1 5	19 5	1 12	18 32	1 17	24 8	0 28	19 40	1 3	24 24	1 37	19 58	19 38	8 33		n.a.
T 7	23 41	15 27	1 10	23 20	0 28	23 10	1 31	24 29	1 5	19 2	1 12	18 33	1 17	24 8	0 28	19 40	1 3	24 24	1 37	19 58	19 39	8 29		n.a.
F 8	23 38	10 39	2 12	23 37	0 36	22 57	1 32	24 25	1 5	18 58	1 12	18 35	1 17	24 8	0 28	19 41	1 3	24 24	1 37	19 58	19 40	8 26		n.a.
S 9	23 34	5 30	3 8	23 53	0 43	22 43	1 32	24 21	1 5	18 54	1 11	18 36	1 17	24 8	0 28	19 41	1 3	24 25	1 37	19 57	19 40	8 23		n.a.
S 10	23 30	0 10	3 56	24 8	0 50	22 28	1 32	24 16	1 5	18 50	1 11	18 37	1 17	24 8	0 28	19 42	1 3	24 25	1 37	19 57	19 41	8 20		n.a.
M11	23 26	5n13	4 34	24 22	0 56	22 12	1 32	24 12	1 5	18 47	1 11	18 39	1 17	24 7	0 28	19 42	1 3	24 25	1 37	19 57	19 42	8 17		n.a.
T 12	23 21	10 28	5 1	24 35	1 3	21 56	1 31	24 7	1 5	18 43	1 11	18 40	1 17	24 7	0 28	19 42	1 3	24 26	1 37	19 57	19 43	8 14		n.a.
W13	23 15	15 25	5 14	24 47	1 9	21 39	1 31	24 1	1 5	18 39	1 11	18 41	1 17	24 7	0 28	19 43	1 3	24 26	1 37	19 57	19 43	8 11		n.a.
T 14	23 9	19 52	5 13	24 57	1 15	21 22	1 31	23 56	1 5	18 35	1 11	18 42	1 17	24 7	0 28	19 43	1 3	24 26	1 37	19 57	19 44	8 7		n.a.
F 15	23 3	23 30	4 56	25 6	1 20	21 4	1 30	23 50	1 6	18 31	1 11	18 44	1 17	24 7	0 28	19 44	1 3	24 27	1 38	19 58	19 45	8 4		n.a.
S 16	22 56	25 59	4 23	25 14	1 25	20 45	1 30	23 44	1 6	18 27	1 11	18 45	1 17	24 7	0 28	19 44	1 3	24 27	1 38	19 58	19 46	8 1		n.a.
S 17	22 49	26 59	3 33	25 20	1 30	20 26	1 30	23 37	1 6	18 23	1 11	18 46	1 17	24 6	0 28	19 44	1 3	24 27	1 38	19 59	19 46	7 58		n.a.
M18	22 42	26 15	2 29	25 25	1 35	20 6	1 29	23 31	1 6	18 19	1 11	18 47	1 17	24 6	0 28	19 45	1 3	24 28	1 38	19 59	19 47	7 55		n.a.
T 19	22 33	23 44	1 14	25 29	1 39	19 46	1 28	23 24	1 6	18 15	1 11	18 48	1 17	24 6	0 28	19 45	1 3	24 28	1 38	20 0	19 48	7 52		n.a.
W20	22 25	19 35	0s 7	25 31	1 43	19 25	1 28	23 17	1 6	18 11	1 11	18 50	1 17	24 6	0 28	19 46	1 4	24 28	1 38	20 0	19 48	7 49		n.a.
T 21	22 16	14 11	1 28	25 31	1 47	19 3	1 27	23 9	1 6	18 7	1 11	18 51	1 17	24 6	0 28	19 46	1 4	24 29	1 38	20 0	19 49	7 45		n.a.
F 22	22 7	7 59	2 43	25 29	1 50	18 41	1 26	23 1	1 6	18 3	1 11	18 52	1 17	24 5	0 28	19 47	1 4	24 29	1 38	19 59	19 50	7 42		n.a.
S 23	21 57	1 25	3 47	25 26	1 53	18 19	1 25	22 53	1 6	17 59	1 11	18 53	1 17	24 5	0 28	19 47	1 4	24 29	1 38	19 59	19 51	7 39		n.a.
S 24	21 47	5s 6	4 35	25 22	1 56	17 56	1 24	22 45	1 6	17 54	1 11	18 54	1 18	24 5	0 28	19 47	1 4	24 30	1 39	19 59	19 51	7 36		n.a.
M25	21 36	11 14	5 5	25 15	1 58	17 32	1 23	22 37	1 6	17 50	1 11	18 55	1 18	24 5	0 28	19 48	1 4	24 30	1 39	19 59	19 52	7 33		n.a.
T 26	21 25	16 40	5 17	25 7	2 0	17 8	1 22	22 28	1 6	17 46	1 11	18 56	1 18	24 5	0 28	19 48	1 4	24 30	1 39	19 59	19 53	7 30		n.a.
W27	21 14	21 10	5 11	24 56	2 1	16 44	1 21	22 19	1 6	17 42	1 11	18 57	1 18	24 4	0 28	19 49	1 4	24 31	1 39	19 59	19 54	7 27		n.a.
T 28	21 2	24 29	4 48	24 44	2 2	16 19	1 19	22 10	1 6	17 37	1 11	18 58	1 18	24 4	0 28	19 49	1 4	24 31	1 39	19 59	19 54	7 23		n.a.
F 29	20 50	26 27	4 11	24 30	2 3	15 54	1 18	22 0	1 6	17 33	1 11	18 59	1 18	24 4	0 28	19 50	1 4	24 31	1 39	19 59	19 55	7 20		n.a.
S 30	20 38	27 0	3 23	24 14	2 3	15 28	1 17	21 51	1 6	17 29	1 11	19 0	1 18	24 4	0 28	19 50	1 4	24 32	1 39	19 59	19 56	7 17		n.a.
S 31	20s25	26s 9	2s25	23s56	2s 2	15s 2	1s15	21s41	1s 6	17s25	1s11	19s 1	1n18	24s 4	0s28	19n51	1n 4	24s32	1s39	19s59	19s57	7s14		n.a.

Julian Day Number = 1285679.5, Delta T = 08h03m58s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'31, Lahiri = -20°25'31 Julian Calendar 1 Jan. 1193 BCE == Greg. Calendar 21 Dec. 1194 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

FEBRUARY 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 57 36	1♒21'00	17♉28	24♉19	24♒55	0♒13	16♒17	29♏ 9	8♉ 6	7°R 2	14♐14	2°R14	2♒23	5♓10	n.a.	M 1
T 2	8 1 33	2°20'48	29°36	26° 9	26° 9	1° 0	16°31	29°13	8° 9	7♌ 0	14°15	2♒14	2°20	5°17	n.a.	T 2
W 3	8 5 29	3°20'34	11♒37	28° 1	27°23	1°46	16°46	29°17	8°12	6°58	14°17	2°14	2°17	5°23	n.a.	W 3
T 4	8 9 26	4°20'18	23°31	29°54	28°36	2°33	17° 0	29°22	8°16	6°57	14°18	2°14	2°14	5°30	n.a.	T 4
F 5	8 13 22	5°19'59	5♓21	1♒48	29°50	3°20	17°14	29°26	8°19	6°55	14°20	2°14	2°10	5°37	n.a.	F 5
S 6	8 17 19	6°19'39	17° 9	3°43	1♓ 4	4° 6	17°28	29°30	8°22	6°53	14°21	2°13	2° 7	5°43	n.a.	S 6
S 7	8 21 15	7°19'16	28°59	5°39	2°18	4°53	17°43	29°34	8°25	6°52	14°22	2°12	2° 4	5°50	n.a.	S 7
M 8	8 25 12	8°18'50	10♈54	7°37	3°31	5°39	17°57	29°38	8°28	6°50	14°24	2°12	2° 1	5°57	n.a.	M 8
T 9	8 29 9	9°18'22	22°58	9°35	4°45	6°26	18°11	29°42	8°31	6°48	14°25	2°11	1°58	6° 3	n.a.	T 9
W10	8 33 5	10°17'52	5♉15	11°34	5°58	7°12	18°26	29°45	8°34	6°47	14°26	2°D11	1°54	6°10	n.a.	W10
T 11	8 37 2	11°17'19	17°49	13°34	7°12	7°59	18°40	29°49	8°38	6°45	14°27	2°11	1°51	6°17	n.a.	T 11
F 12	8 40 58	12°16'44	0♊44	15°34	8°25	8°45	18°54	29°53	8°41	6°43	14°29	2°11	1°48	6°23	n.a.	F 12
S 13	8 44 55	13°16'06	14° 4	17°35	9°39	9°31	19° 9	29°56	8°44	6°42	14°30	2°12	1°45	6°30	n.a.	S 13
S 14	8 48 51	14°15'26	27°51	19°36	10°52	10°18	19°23	29°59	8°47	6°40	14°31	2°13	1°42	6°37	n.a.	S 14
M15	8 52 48	15°14'44	12♋ 5	21°38	12° 5	11° 4	19°38	0♐ 3	8°50	6°38	14°32	2°14	1°39	6°43	n.a.	M15
T 16	8 56 44	16°13'59	26°43	23°39	13°18	11°50	19°52	0° 6	8°53	6°37	14°33	2°R15	1°35	6°50	n.a.	T 16
W17	9 0 41	17°13'12	11♌40	25°40	14°32	12°36	20° 6	0° 9	8°55	6°35	14°35	2°14	1°32	6°57	n.a.	W17
T 18	9 4 38	18°12'23	26°48	27°40	15°45	13°23	20°21	0°13	8°58	6°34	14°36	2°14	1°29	7° 3	n.a.	T 18
F 19	9 8 34	19°11'31	11♍59	29°40	16°58	14° 9	20°35	0°16	9° 1	6°32	14°37	2°12	1°26	7°10	n.a.	F 19
S 20	9 12 31	20°10'38	27° 1	1♓37	18°11	14°55	20°50	0°18	9° 4	6°30	14°38	2°10	1°23	7°17	n.a.	S 20
S 21	9 16 27	21° 9'42	11♎48	3°34	19°24	15°41	21° 4	0°21	9° 7	6°29	14°39	2° 7	1°19	7°24	n.a.	S 21
M22	9 20 24	22° 8'44	26°13	5°28	20°37	16°27	21°18	0°24	9°10	6°27	14°40	2° 5	1°16	7°30	n.a.	M22
T 23	9 24 20	23° 7'45	10♏13	7°19	21°49	17°13	21°33	0°27	9°12	6°26	14°41	2° 4	1°13	7°37	n.a.	T 23
W24	9 28 17	24° 6'44	23°47	9° 8	23° 2	17°59	21°47	0°29	9°15	6°24	14°42	2°D 3	1°10	7°44	n.a.	W24
T 25	9 32 13	25° 5'41	6♐57	10°53	24°15	18°44	22° 2	0°32	9°18	6°22	14°42	2° 4	1° 7	7°50	n.a.	T 25
F 26	9 36 10	26° 4'36	19°45	12°35	25°28	19°30	22°16	0°34	9°20	6°21	14°43	2° 5	1° 4	7°57	n.a.	F 26
S 27	9 40 6	27° 3'29	2♉15	14°12	26°40	20°16	22°30	0°36	9°23	6°19	14°44	2° 7	1° 0	8° 4	n.a.	S 27
S 28	9 44 3	28° 2'20	14°31	15°45	27°53	21° 2	22°45	0°39	9°25	6°18	14°45	2° 8	0°57	8°10	n.a.	S 28
M29	9 48 0	29♒ 1'09	26♉36	17♓14	29♓ 6	21♒47	22♒59	0♐41	9♉28	6♌16	14♐46	2°R 9	0♒54	8♓17	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s11	24s 1	1s21	23s36	2s 1	14s35	1s14	21s31	1s 6	17s20	1s11	19s 2	1n18	24s 4	0s28	19n51	1n 4	24s32	1s40	19s59	19s57	7s11		n.a.
T 2	19 58	20 49	0 15	23 14	2 0	14 8	1 12	21 20	1 6	17 16	1 11	19 3	1 18	24 3	0 28	19 51	1 4	24 32	1 40	19 59	19 58	7 8		n.a.
W 3	19 44	16 46	0n52	22 50	1 58	13 41	1 11	21 10	1 6	17 11	1 11	19 4	1 18	24 3	0 28	19 52	1 4	24 33	1 40	19 59	19 59	7 4		n.a.
T 4	19 30	12 5	1 56	22 23	1 56	13 14	1 9	20 59	1 5	17 7	1 11	19 5	1 18	24 3	0 29	19 52	1 4	24 33	1 40	19 59	20 0	7 1		n.a.
F 5	19 15	7 1	2 54	21 55	1 53	12 46	1 7	20 48	1 5	17 3	1 11	19 6	1 18	24 3	0 29	19 53	1 4	24 33	1 40	20 0	20 0	6 58		n.a.
S 6	19 0	1 43	3 44	21 24	1 49	12 17	1 5	20 36	1 5	16 58	1 11	19 7	1 18	24 3	0 29	19 53	1 4	24 34	1 40	20 0	20 1	6 55		n.a.
S 7	18 45	3n38	4 26	20 52	1 45	11 49	1 3	20 25	1 5	16 54	1 11	19 7	1 18	24 2	0 29	19 54	1 4	24 34	1 40	20 0	20 2	6 52		n.a.
M 8	18 29	8 54	4 56	20 17	1 40	11 20	1 1	20 13	1 5	16 49	1 11	19 8	1 18	24 2	0 29	19 54	1 4	24 34	1 40	20 0	20 2	6 49		n.a.
T 9	18 13	13 54	5 13	19 40	1 35	10 51	0 59	20 1	1 5	16 45	1 11	19 9	1 18	24 2	0 29	19 55	1 4	24 34	1 41	20 0	20 3	6 46		n.a.
W10	17 57	18 27	5 17	19 2	1 29	10 22	0 57	19 49	1 5	16 40	1 11	19 10	1 18	24 2	0 29	19 55	1 4	24 35	1 41	20 0	20 4	6 42		n.a.
T 11	17 41	22 18	5 6	18 21	1 23	9 52	0 55	19 37	1 5	16 36	1 11	19 10	1 18	24 2	0 29	19 55	1 4	24 35	1 41	20 0	20 5	6 39		n.a.
F 12	17 24	25 11	4 39	17 38	1 15	9 22	0 53	19 25	1 5	16 31	1 11	19 11	1 18	24 1	0 29	19 56	1 4	24 35	1 41	20 0	20 5	6 36		n.a.
S 13	17 7	26 47	3 57	16 54	1 8	8 52	0 51	19 12	1 5	16 27	1 11	19 12	1 18	24 1	0 29	19 56	1 4	24 36	1 41	20 0	20 6	6 33		n.a.
S 14	16 50	26 49	2 59	16 7	0 59	8 22	0 49	18 59	1 4	16 22	1 11	19 13	1 18	24 1	0 29	19 57	1 4	24 36	1 41	20 0	20 7	6 30		n.a.
M15	16 32	25 6	1 49	15 20	0 51	7 51	0 46	18 46	1 4	16 17	1 11	19 13	1 19	24 1	0 29	19 57	1 4	24 36	1 41	19 59	20 7	6 27		n.a.
T 16	16 14	21 40	0 31	14 30	0 41	7 20	0 44	18 33	1 4	16 13	1 11	19 14	1 19	24 1	0 29	19 58	1 4	24 36	1 41	19 59	20 8	6 23		n.a.
W17	15 56	16 44	0s52	13 40	0 31	6 50	0 41	18 20	1 4	16 8	1 11	19 14	1 19	24 1	0 29	19 58	1 4	24 37	1 42	19 59	20 9	6 20		n.a.
T 18	15 38	10 43	2 12	12 48	0 21	6 18	0 39	18 6	1 4	16 4	1 11	19 15	1 19	24 0	0 29	19 58	1 4	24 37	1 42	20 0	20 10	6 17		n.a.
F 19	15 19	4 4	3 22	11 56	0 10	5 47	0 36	17 52	1 4	15 59	1 11	19 16	1 19	24 0	0 29	19 59	1 4	24 37	1 42	20 0	20 10	6 14		n.a.
S 20	15 0	2s44	4 18	11 3	0n 1	5 16	0 34	17 38	1 3	15 54	1 11	19 16	1 19	24 0	0 29	19 59	1 4	24 37	1 42	20 0	20 11	6 11		n.a.
S 21	14 41	9 16	4 56	10 10	0 13	4 45	0 31	17 24	1 3	15 50	1 11	19 17	1 19	24 0	0 29	20 0	1 4	24 38	1 42	20 1	20 12	6 8		n.a.
M22	14 22	15 9	5 14	9 16	0 25	4 13	0 29	17 10	1 3	15 45	1 11	19 17	1 19	24 0	0 29	20 0	1 4	24 38	1 42	20 1	20 12	6 4		n.a.
T 23	14 2	20 3	5 12	8 23	0 37	3 41	0 26	16 56	1 3	15 40	1 11	19 18	1 19	24 0	0 29	20 0	1 4	24 38	1 42	20 2	20 13	6 1		n.a.
W24	13 42	23 45	4 53	7 31	0 50	3 10	0 23	16 41	1 3	15 36	1 11	19 18	1 19	23 59	0 29	20 1	1 4	24 38	1 43	20 2	20 14	5 58		n.a.
T 25	13 22	26 5	4 19	6 39	1 2	2 38	0 20	16 27	1 3	15 31	1 11	19 19	1 19	23 59	0 29	20 1	1 4	24 39	1 43	20 2	20 15	5 55		n.a.
F 26	13 2	26 58	3 33	5 49	1 14	2 6	0 18	16 12	1 2	15 26	1 11	19 19	1 19	23 59	0 29	20 2	1 4	24 39	1 43	20 2	20 15	5 52		n.a.
S 27	12 42	26 26	2 37	4 59	1 26	1 34	0 15	15 57	1 2	15 21	1 11	19 20	1 19	23 59	0 29	20 2	1 4	24 39	1 43	20 1	20 16	5 49		n.a.
S 28	12 21	24 37	1 36	4 12	1 38	1 2	0 12	15 42	1 2	15 17	1 11	19 20	1 19	23 59	0 29	20 2	1 4	24 39	1 43	20 1	20 17	5 45		n.a.
M29	12s 0	21s41	0s31	3s26	1n50	0s30	0s 9	15s27	1s 2	15s12	1s11	19s20	1n19	23s59	0s29	20n 3	1n 4	24s40	1s43	20s 1	20s17	5s42		n.a.

Julian Day Number = 1285710.5, Delta T = 08h03m56s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'27, Lahiri = -20°25'26 Julian Calendar 1 Feb. 1193 BCE == Greg. Calendar 21 Jan. 1193 BCE

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

MARCH 1193 BCE (-1192) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 56	29♒59'57	8♒33	18♓38	0♈18	22♒33	23♒13	0♐43	9♑31	6°R15	14♐47	2°R 9	0♒51	8♓24	n.a.	T 1
W 2	9 55 53	0♓58'42	20°25	19°56	1°30	23°19	23°28	0°45	9°33	6♌13	14°47	2♒ 8	0°48	8°30	n.a.	W 2
T 3	9 59 49	1°57'25	2♓15	21°10	2°43	24° 4	23°42	0°46	9°35	6°12	14°48	2° 5	0°45	8°37	n.a.	T 3
F 4	10 3 46	2°56'06	14° 4	22°17	3°55	24°50	23°56	0°48	9°38	6°10	14°49	2° 0	0°41	8°44	n.a.	F 4
S 5	10 7 42	3°54'44	25°54	23°19	5° 7	25°35	24°11	0°50	9°40	6° 9	14°49	1°55	0°38	8°50	n.a.	S 5
S 6	10 11 39	4°53'21	7♈47	24°16	6°19	26°21	24°25	0°51	9°43	6° 8	14°50	1°49	0°35	8°57	n.a.	S 6
M 7	10 15 35	5°51'55	19°46	25° 6	7°32	27° 6	24°39	0°53	9°45	6° 6	14°51	1°43	0°32	9° 4	n.a.	M 7
T 8	10 19 32	6°50'28	1♉54	25°50	8°44	27°51	24°54	0°54	9°47	6° 5	14°51	1°38	0°29	9°10	n.a.	T 8
W 9	10 23 28	7°48'58	14°12	26°28	9°56	28°37	25° 8	0°55	9°49	6° 3	14°52	1°34	0°25	9°17	n.a.	W 9
T 10	10 27 25	8°47'25	26°44	27° 0	11° 7	29°22	25°22	0°57	9°51	6° 2	14°52	1°31	0°22	9°24	n.a.	T 10
F 11	10 31 22	9°45'51	9♊35	27°26	12°19	0♓ 7	25°36	0°58	9°54	6° 1	14°53	1°D31	0°19	9°30	n.a.	F 11
S 12	10 35 18	10°44'14	22°48	27°46	13°31	0°52	25°50	0°59	9°56	5°59	14°53	1°31	0°16	9°37	n.a.	S 12
S 13	10 39 15	11°42'35	6♋25	28° 0	14°43	1°37	26° 4	0°59	9°58	5°58	14°54	1°33	0°13	9°44	n.a.	S 13
M14	10 43 11	12°40'54	20°28	28° 7	15°54	2°22	26°19	1° 0	10° 0	5°57	14°54	1°34	0°10	9°50	n.a.	M14
T 15	10 47 8	13°39'10	4♌57	28°R 9	17° 6	3° 7	26°33	1° 1	10° 2	5°56	14°54	1°R34	0° 6	9°57	n.a.	T 15
W16	10 51 4	14°37'25	19°49	28° 5	18°17	3°52	26°47	1° 1	10° 4	5°54	14°55	1°33	0° 3	10° 4	n.a.	W16
T 17	10 55 1	15°35'37	4♍58	27°55	19°29	4°37	27° 1	1° 2	10° 6	5°53	14°55	1°30	0° 0	10°10	n.a.	T 17
F 18	10 58 57	16°33'47	20°15	27°41	20°40	5°22	27°15	1° 2	10° 7	5°52	14°55	1°25	29♑57	10°17	n.a.	F 18
S 19	11 2 54	17°31'55	5♎29	27°21	21°51	6° 7	27°29	1° 3	10° 9	5°51	14°56	1°18	29°54	10°24	n.a.	S 19
S 20	11 6 51	18°30'02	20°29	26°58	23° 2	6°51	27°42	1° 3	10°11	5°50	14°56	1°11	29°51	10°30	n.a.	S 20
M21	11 10 47	19°28'06	5♏ 8	26°30	24°13	7°36	27°56	1°R 3	10°13	5°49	14°56	1° 4	29°47	10°37	n.a.	M21
T 22	11 14 44	20°26'10	19°19	25°59	25°24	8°21	28°10	1° 3	10°14	5°48	14°56	0°59	29°44	10°44	n.a.	T 22
W23	11 18 40	21°24'12	3♐ 1	25°25	26°35	9° 5	28°24	1° 3	10°16	5°46	14°56	0°55	29°41	10°50	n.a.	W23
T 24	11 22 37	22°22'12	16°15	24°49	27°46	9°50	28°38	1° 3	10°18	5°45	14°56	0°54	29°38	10°57	n.a.	T 24
F 25	11 26 33	23°20'11	29° 3	24°11	28°57	10°34	28°51	1° 2	10°19	5°44	14°57	0°D54	29°35	11° 4	n.a.	F 25
S 26	11 30 30	24°18'08	11♑29	23°33	0♉ 7	11°19	29° 5	1° 2	10°21	5°43	14°57	0°55	29°31	11°11	n.a.	S 26
S 27	11 34 26	25°16'04	23°40	22°55	1°18	12° 3	29°19	1° 1	10°22	5°43	14°57	0°56	29°28	11°17	n.a.	S 27
M28	11 38 23	26°13'59	5♒38	22°17	2°29	12°47	29°32	1° 1	10°24	5°42	14°R57	0°R56	29°25	11°24	n.a.	M28
T 29	11 42 20	27°11'52	17°30	21°40	3°39	13°32	29°46	1° 0	10°25	5°41	14°57	0°54	29°22	11°31	n.a.	T 29
W30	11 46 16	28° 9'43	29°18	21° 6	4°49	14°16	29°59	0°59	10°26	5°40	14°57	0°50	29°19	11°37	n.a.	W30
T 31	11 50 13	29♓ 7'33	11♓ 6	20♓33	5♉59	15♓ 0	0♓13	0♐58	10♑28	5♌39	14♐56	0♒44	29♑16	11♓44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s40	17s52	0n35	2s43	2n 1	0n 2	0s 6	15s11	1s 1	15s 7	1s11	19s21	1n19	23s58	0s29	20n 3	1n 4	24s40	1s43	20s 1	20s18	5s39		n.a.
W 2	11 18	13 22	1 39	2 2	2 12	0 34	0 3	14 56	1 1	15 2	1 11	19 21	1 19	23 58	0 29	20 4	1 4	24 40	1 43	20 1	20 19	5 36		n.a.
T 3	10 57	8 24	2 38	1 23	2 22	1 6	0 0	14 40	1 1	14 58	1 11	19 21	1 20	23 58	0 29	20 4	1 4	24 40	1 44	20 2	20 20	5 33		n.a.
F 4	10 36	3 9	3 29	0 47	2 32	1 38	0n 3	14 25	1 1	14 53	1 11	19 22	1 20	23 58	0 29	20 4	1 4	24 40	1 44	20 3	20 20	5 30		n.a.
S 5	10 14	2n12	4 12	0 14	2 41	2 10	0 6	14 9	1 0	14 48	1 11	19 22	1 20	23 58	0 29	20 5	1 4	24 41	1 44	20 4	20 21	5 26		n.a.
S 6	9 53	7 29	4 45	0n16	2 49	2 41	0 9	13 53	1 0	14 43	1 11	19 22	1 20	23 58	0 29	20 5	1 4	24 41	1 44	20 5	20 22	5 23		n.a.
M 7	9 31	12 32	5 5	0 42	2 56	3 13	0 12	13 37	1 0	14 38	1 11	19 22	1 20	23 57	0 29	20 5	1 4	24 41	1 44	20 6	20 22	5 20		n.a.
T 8	9 9	17 11	5 11	1 6	3 2	3 45	0 15	13 21	1 0	14 34	1 12	19 23	1 20	23 57	0 29	20 6	1 4	24 41	1 44	20 8	20 23	5 17		n.a.
W 9	8 47	21 11	5 4	1 26	3 8	4 17	0 18	13 5	0 59	14 29	1 12	19 23	1 20	23 57	0 29	20 6	1 4	24 41	1 44	20 9	20 24	5 14		n.a.
T 10	8 24	24 19	4 42	1 43	3 12	4 48	0 22	12 48	0 59	14 24	1 12	19 23	1 20	23 57	0 29	20 6	1 4	24 42	1 45	20 9	20 24	5 11		n.a.
F 11	8 2	26 18	4 5	1 56	3 15	5 19	0 25	12 32	0 59	14 19	1 12	19 23	1 20	23 57	0 29	20 7	1 4	24 42	1 45	20 9	20 25	5 7		n.a.
S 12	7 40	26 53	3 15	2 6	3 17	5 51	0 28	12 15	0 58	14 14	1 12	19 23	1 20	23 57	0 29	20 7	1 4	24 42	1 45	20 9	20 26	5 4		n.a.
S 13	7 17	25 53	2 12	2 12	3 18	6 22	0 31	11 59	0 58	14 10	1 12	19 24	1 20	23 57	0 29	20 7	1 4	24 42	1 45	20 9	20 26	5 1		n.a.
M14	6 55	23 14	1 0	2 15	3 17	6 53	0 34	11 42	0 58	14 5	1 12	19 24	1 20	23 57	0 29	20 8	1 4	24 42	1 45	20 9	20 27	4 58		n.a.
T 15	6 32	19 3	0s18	2 14	3 15	7 24	0 37	11 25	0 57	14 0	1 12	19 24	1 20	23 56	0 29	20 8	1 4	24 43	1 45	20 8	20 28	4 55		n.a.
W16	6 9	13 35	1 37	2 9	3 12	7 54	0 40	11 8	0 57	13 55	1 12	19 24	1 20	23 56	0 29	20 8	1 4	24 43	1 45	20 9	20 29	4 52		n.a.
T 17	5 46	7 12	2 51	2 1	3 8	8 25	0 44	10 51	0 57	13 50	1 12	19 24	1 20	23 56	0 29	20 9	1 4	24 43	1 46	20 9	20 29	4 48		n.a.
F 18	5 23	0 22	3 53	1 50	3 1	8 55	0 47	10 34	0 56	13 46	1 12	19 24	1 20	23 56	0 30	20 9	1 4	24 43	1 46	20 11	20 30	4 45		n.a.
S 19	5 0	6s27	4 38	1 35	2 54	9 25	0 50	10 17	0 56	13 41	1 12	19 24	1 20	23 56	0 30	20 9	1 4	24 43	1 46	20 12	20 31	4 42		n.a.
S 20	4 37	12 47	5 3	1 18	2 45	9 55	0 53	10 0	0 56	13 36	1 12	19 24	1 21	23 56	0 30	20 9	1 4	24 43	1 46	20 14	20 31	4 39		n.a.
M21	4 14	18 15	5 7	0 57	2 35	10 25	0 56	9 43	0 55	13 31	1 13	19 24	1 21	23 56	0 30	20 10	1 4	24 44	1 46	20 15	20 32	4 36		n.a.
T 22	3 51	22 32	4 53	0 34	2 24	10 54	0 59	9 26	0 55	13 26	1 13	19 24	1 21	23 56	0 30	20 10	1 4	24 44	1 46	20 16	20 33	4 33		n.a.
W23	3 28	25 23	4 21	0 9	2 11	11 23	1 2	9 8	0 55	13 22	1 13	19 24	1 21	23 56	0 30	20 10	1 4	24 44	1 46	20 17	20 33	4 29		n.a.
T 24	3 5	26 43	3 37	0s18	1 58	11 52	1 6	8 51	0 54	13 17	1 13	19 24	1 21	23 55	0 30	20 10	1 4	24 44	1 47	20 18	20 34	4 26		n.a.
F 25	2 41	26 33	2 43	0 46	1 43	12 21	1 9	8 33	0 54	13 12	1 13	19 23	1 21	23 55	0 30	20 11	1 4	24 44	1 47	20 18	20 35	4 23		n.a.
S 26	2 18	25 2	1 43	1 15	1 28	12 49	1 12	8 16	0 54	13 7	1 13	19 23	1 21	23 55	0 30	20 11	1 4	24 44	1 47	20 17	20 35	4 20		n.a.
S 27	1 55	22 22	0 39	1 45	1 12	13 17	1 15	7 58	0 53	13 3	1 13	19 23	1 21	23 55	0 30	20 11	1 4	24 45	1 47	20 17	20 36	4 17		n.a.
M28	1 31	18 46	0n25	2 15	0 56	13 45	1 18	7 41	0 53	12 58	1 13	19 23	1 21	23 55	0 30	20 11	1 4	24 45	1 47	20 17	20 37	4 14		n.a.
T 29	1 8	14 27	1 28	2 45	0 39	14 12	1 21	7 23	0 52	12 53	1 13	19 23	1 21	23 55	0 30	20 12	1 4	24 45	1 47	20 17	20 37	4 10		n.a.
W30	0 45	9 38	2 26	3 15	0 23	14 39	1 24	7 6	0 52	12 48	1 14	19 23	1 21	23 55	0 30	20 12	1 4	24 45	1 47	20 18	20 38	4 7		n.a.
T 31	0s21	4s29	3n18	3s43	0n 6	15n 6	1n27	6s48	0s52	12s44	1s14	19s22	1n21	23s55	0s30	20n12	1n 4	24s45	1s48	20s20	20s39	4s 4		n.a.

Julian Day Number = 1285739.5, Delta T = 08h03m55s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'23, Lahiri = -20°25'22 Julian Calendar 1 March 1193 BCE == Greg. Calendar 19 Feb. 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

APRIL 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 54 9	0♈ 5'21	22♓56	20°R 4	7♉10	15♓44	0♓26	0°R57	10♋29	5°R38	14°R56	0°R35	29♋12	11♓51	n.a.	F 1
S 2	11 58 6	1° 3'08	4♈51	19♓38	8°20	16°28	0°40	0♐56	10°30	5♎37	14♐56	0♒25	29° 9	11°57	n.a.	S 2
S 3	12 2 2	2° 0'53	16°51	19°15	9°30	17°12	0°53	0°55	10°31	5°37	14°56	0°13	29° 6	12° 4	n.a.	S 3
M 4	12 5 59	2°58'37	28°59	18°57	10°39	17°56	1° 6	0°54	10°32	5°36	14°56	0° 2	29° 3	12°11	n.a.	M 4
T 5	12 9 55	3°56'19	11♉15	18°43	11°49	18°40	1°20	0°53	10°33	5°35	14°56	29♋51	29° 0	12°17	n.a.	T 5
W 6	12 13 52	4°53'59	23°42	18°33	12°59	19°24	1°33	0°51	10°34	5°34	14°55	29°43	28°56	12°24	n.a.	W 6
T 7	12 17 48	5°51'38	6♊20	18°28	14° 8	20° 8	1°46	0°50	10°35	5°34	14°55	29°37	28°53	12°31	n.a.	T 7
F 8	12 21 45	6°49'15	19°13	18°D27	15°18	20°51	1°59	0°48	10°36	5°33	14°55	29°33	28°50	12°37	n.a.	F 8
S 9	12 25 42	7°46'51	2♋23	18°30	16°27	21°35	2°12	0°46	10°37	5°33	14°54	29°D32	28°47	12°44	n.a.	S 9
S 10	12 29 38	8°44'25	15°53	18°39	17°36	22°19	2°25	0°45	10°38	5°32	14°54	29°32	28°44	12°51	n.a.	S 10
M11	12 33 35	9°41'57	29°46	18°52	18°45	23° 2	2°38	0°43	10°39	5°31	14°54	29°R32	28°41	12°57	n.a.	M11
T 12	12 37 31	10°39'27	14♌ 1	19° 9	19°54	23°46	2°50	0°41	10°39	5°31	14°53	29°32	28°37	13° 4	n.a.	T 12
W13	12 41 28	11°36'56	28°39	19°31	21° 3	24°29	3° 3	0°39	10°40	5°30	14°53	29°29	28°34	13°11	n.a.	W13
T 14	12 45 24	12°34'24	13♍34	19°57	22°12	25°12	3°16	0°37	10°41	5°30	14°52	29°24	28°31	13°17	n.a.	T 14
F 15	12 49 21	13°31'49	28°40	20°27	23°21	25°56	3°28	0°34	10°41	5°30	14°52	29°16	28°28	13°24	n.a.	F 15
S 16	12 53 17	14°29'14	13♎48	21° 1	24°29	26°39	3°41	0°32	10°42	5°29	14°51	29° 7	28°25	13°31	n.a.	S 16
S 17	12 57 14	15°26'38	28°47	21°40	25°37	27°22	3°53	0°30	10°42	5°29	14°51	28°56	28°22	13°38	n.a.	S 17
M18	13 1 11	16°24'00	13♏28	22°22	26°46	28° 5	4° 6	0°27	10°43	5°29	14°50	28°46	28°18	13°44	n.a.	M18
T 19	13 5 7	17°21'22	27°44	23° 8	27°54	28°49	4°18	0°25	10°43	5°28	14°50	28°37	28°15	13°51	n.a.	T 19
W20	13 9 4	18°18'42	11♐31	23°58	29° 2	29°32	4°30	0°22	10°43	5°28	14°49	28°30	28°12	13°58	n.a.	W20
T 21	13 13 0	19°16'02	24°49	24°51	0♊10	0♈15	4°43	0°19	10°44	5°28	14°48	28°26	28° 9	14° 4	n.a.	T 21
F 22	13 16 57	20°13'22	7♑41	25°47	1°17	0°58	4°55	0°17	10°44	5°28	14°48	28°24	28° 6	14°11	n.a.	F 22
S 23	13 20 53	21°10'40	20° 9	26°47	2°25	1°40	5° 7	0°14	10°44	5°27	14°47	28°24	28° 2	14°18	n.a.	S 23
S 24	13 24 50	22° 7'58	2♒20	27°50	3°32	2°23	5°19	0°11	10°44	5°27	14°46	28°24	27°59	14°24	n.a.	S 24
M25	13 28 46	23° 5'15	14°18	28°57	4°39	3° 6	5°31	0° 8	10°44	5°27	14°46	28°23	27°56	14°31	n.a.	M25
T 26	13 32 43	24° 2'31	26° 9	0♈ 6	5°47	3°49	5°42	0° 5	10°R44	5°27	14°45	28°21	27°53	14°38	n.a.	T 26
W27	13 36 40	24°59'47	7♓57	1°19	6°54	4°32	5°54	0° 2	10°44	5°D27	14°44	28°16	27°50	14°44	n.a.	W27
T 28	13 40 36	25°57'02	19°46	2°35	8° 0	5°14	6° 6	29♏58	10°44	5°27	14°43	28° 9	27°47	14°51	n.a.	T 28
F 29	13 44 33	26°54'16	1♈41	3°53	9° 7	5°57	6°17	29°55	10°44	5°27	14°42	27°58	27°43	14°58	n.a.	F 29
S 30	13 48 29	27♈51'30	13♈42	5♈15	10♊14	6♈39	6♓29	29♏52	10♋44	5♎27	14♐41	27♋46	27♋40	15♓ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n 2	0n50	4n 1	4s10	0s11	15n32	1n30	6s30	0s51	12s39	1s14	19s22	1n21	23s55	0s30	20n12	1n 4	24s45	1s48	20s22	20s39	4s 1		n.a.
S 2	0 26	6 8	4 34	4 35	0 27	15 58	1 32	6 12	0 51	12 34	1 14	19 22	1 21	23 55	0 30	20 12	1 4	24 45	1 48	20 24	20 40	3 58		n.a.
S 3	0 49	11 15	4 55	4 59	0 43	16 24	1 35	5 55	0 50	12 30	1 14	19 22	1 21	23 55	0 30	20 12	1 4	24 45	1 48	20 26	20 41	3 55		n.a.
M 4	1 12	16 0	5 3	5 20	0 58	16 49	1 38	5 37	0 50	12 25	1 14	19 21	1 21	23 55	0 30	20 13	1 4	24 46	1 48	20 29	20 41	3 51		n.a.
T 5	1 35	20 9	4 57	5 39	1 13	17 14	1 41	5 19	0 50	12 20	1 14	19 21	1 21	23 55	0 30	20 13	1 4	24 46	1 48	20 31	20 42	3 48		n.a.
W 6	1 59	23 28	4 37	5 56	1 27	17 38	1 44	5 1	0 49	12 16	1 14	19 21	1 21	23 55	0 30	20 13	1 4	24 46	1 48	20 33	20 43	3 45		n.a.
T 7	2 22	25 43	4 4	6 10	1 40	18 2	1 46	4 43	0 49	12 11	1 15	19 20	1 21	23 54	0 30	20 13	1 3	24 46	1 49	20 34	20 43	3 42		n.a.
F 8	2 45	26 40	3 17	6 22	1 52	18 25	1 49	4 25	0 48	12 6	1 15	19 20	1 22	23 54	0 30	20 13	1 3	24 46	1 49	20 35	20 44	3 39		n.a.
S 9	3 8	26 8	2 19	6 31	2 4	18 48	1 51	4 7	0 48	12 2	1 15	19 19	1 22	23 54	0 30	20 13	1 3	24 46	1 49	20 35	20 45	3 36		n.a.
S 10	3 31	24 4	1 12	6 37	2 15	19 11	1 54	3 50	0 47	11 57	1 15	19 19	1 22	23 54	0 30	20 14	1 3	24 46	1 49	20 35	20 45	3 32		n.a.
M11	3 54	20 31	0s 1	6 41	2 24	19 33	1 56	3 32	0 47	11 52	1 15	19 19	1 22	23 54	0 30	20 14	1 3	24 46	1 49	20 35	20 46	3 29		n.a.
T 12	4 17	15 41	1 16	6 42	2 33	19 55	1 59	3 14	0 47	11 48	1 15	19 18	1 22	23 54	0 30	20 14	1 3	24 46	1 49	20 35	20 47	3 26		n.a.
W13	4 40	9 50	2 28	6 41	2 41	20 16	2 1	2 56	0 46	11 43	1 15	19 18	1 22	23 54	0 30	20 14	1 3	24 47	1 49	20 36	20 47	3 23		n.a.
T 14	5 3	3 20	3 31	6 37	2 48	20 36	2 3	2 38	0 46	11 39	1 16	19 17	1 22	23 54	0 30	20 14	1 3	24 47	1 50	20 37	20 48	3 20		n.a.
F 15	5 26	3s25	4 20	6 30	2 54	20 56	2 6	2 20	0 45	11 34	1 16	19 17	1 22	23 54	0 30	20 14	1 3	24 47	1 50	20 39	20 49	3 17		n.a.
S 16	5 48	9 59	4 51	6 21	2 59	21 16	2 8	2 2	0 45	11 30	1 16	19 16	1 22	23 54	0 30	20 14	1 3	24 47	1 50	20 41	20 49	3 13		n.a.
S 17	6 11	15 54	5 1	6 10	3 3	21 35	2 10	1 44	0 44	11 25	1 16	19 16	1 22	23 54	0 30	20 14	1 3	24 47	1 50	20 43	20 50	3 10		n.a.
M18	6 33	20 46	4 52	5 56	3 7	21 53	2 12	1 26	0 44	11 21	1 16	19 15	1 22	23 54	0 30	20 14	1 3	24 47	1 50	20 45	20 51	3 7		n.a.
T 19	6 55	24 15	4 24	5 40	3 10	22 11	2 14	1 8	0 43	11 17	1 16	19 15	1 22	23 54	0 31	20 14	1 3	24 47	1 50	20 47	20 51	3 4		n.a.
W20	7 18	26 11	3 41	5 21	3 11	22 29	2 16	0 51	0 43	11 12	1 17	19 14	1 22	23 54	0 31	20 14	1 3	24 47	1 50	20 48	20 52	3 1		n.a.
T 21	7 40	26 32	2 48	5 1	3 12	22 45	2 17	0 33	0 42	11 8	1 17	19 13	1 22	23 54	0 31	20 14	1 3	24 47	1 50	20 49	20 53	2 58		n.a.
F 22	8 2	25 24	1 47	4 38	3 12	23 1	2 19	0 15	0 42	11 3	1 17	19 13	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 49	20 53	2 54		n.a.
S 23	8 24	23 1	0 44	4 13	3 12	23 17	2 21	0n 3	0 41	10 59	1 17	19 12	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 49	20 54	2 51		n.a.
S 24	8 45	19 38	0n21	3 47	3 11	23 32	2 22	0 21	0 41	10 55	1 17	19 12	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 49	20 55	2 48		n.a.
M25	9 7	15 29	1 23	3 18	3 8	23 46	2 24	0 38	0 40	10 50	1 17	19 11	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 50	20 55	2 45		n.a.
T 26	9 29	10 48	2 21	2 47	3 6	24 0	2 25	0 56	0 40	10 46	1 18	19 10	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 50	20 56	2 42		n.a.
W27	9 50	5 45	3 13	2 15	3 2	24 13	2 26	1 14	0 39	10 42	1 18	19 10	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 51	20 56	2 39		n.a.
T 28	10 11	0 30	3 56	1 41	2 58	24 26	2 27	1 31	0 39	10 38	1 18	19 9	1 22	23 54	0 31	20 14	1 3	24 47	1 51	20 53	20 57	2 35		n.a.
F 29	10 32	4n47	4 29	1 4	2 53	24 38	2 28	1 49	0 38	10 34	1 18	19 8	1 22	23 54	0 31	20 14	1 3	24 47	1 52	20 55	20 58	2 32		n.a.
S 30	10n53	9n57	4n51	0s27	2s48	24n49	2n29	2n 6	0s38	10s30	1s18	19s 7	1n22	23s55	0s31	20n14	1n 3	24s47	1s52	20s57	20s58	2s29		n.a.

Julian Day Number = 1285770.5, Delta T = 08h03m53s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'19, Lahiri = -20°25'18 Julian Calendar 1 Apr. 1193 BCE == Greg. Calendar 21 March 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

MAY 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 26	28♈48'43	25♈53	6♈39	11♊20	7♈22	6♓40	29°R48	10°R44	5♎27	14°R41	27°R33	27♑37	15♓11	n.a.	S 1
M 2	13 56 22	29°45'55	8♉13	8° 7	12°26	8° 4	6°51	29♏45	10♑43	5°27	14♐40	27♑19	27°34	15°18	n.a.	M 2
T 3	14 0 19	0♉43'07	20°43	9°37	13°32	8°46	7° 2	29°42	10°43	5°28	14°39	27° 7	27°31	15°25	n.a.	T 3
W 4	14 4 15	1°40'18	3♊24	11°10	14°38	9°29	7°14	29°38	10°43	5°28	14°38	26°57	27°27	15°31	n.a.	W 4
T 5	14 8 12	2°37'28	16°16	12°46	15°43	10°11	7°25	29°34	10°42	5°28	14°37	26°49	27°24	15°38	n.a.	T 5
F 6	14 12 9	3°34'37	29°21	14°24	16°49	10°53	7°35	29°31	10°42	5°28	14°36	26°45	27°21	15°45	n.a.	F 6
S 7	14 16 5	4°31'46	12♋38	16° 5	17°54	11°35	7°46	29°27	10°41	5°29	14°35	26°43	27°18	15°51	n.a.	S 7
S 8	14 20 2	5°28'54	26°10	17°49	18°59	12°17	7°57	29°23	10°41	5°29	14°34	26°D42	27°15	15°58	n.a.	S 8
M 9	14 23 58	6°26'01	9♌59	19°36	20° 4	12°59	8° 8	29°19	10°40	5°29	14°33	26°R42	27°12	16° 5	n.a.	M 9
T 10	14 27 55	7°23'08	24° 4	21°25	21° 9	13°41	8°18	29°15	10°40	5°30	14°32	26°41	27° 8	16°11	n.a.	T 10
W11	14 31 51	8°20'13	8♍26	23°17	22°13	14°23	8°28	29°11	10°39	5°30	14°31	26°39	27° 5	16°18	n.a.	W11
T 12	14 35 48	9°17'18	23° 2	25°12	23°17	15° 5	8°39	29° 7	10°38	5°31	14°30	26°34	27° 2	16°25	n.a.	T 12
F 13	14 39 45	10°14'22	7♎47	27° 8	24°21	15°47	8°49	29° 3	10°37	5°31	14°28	26°26	26°59	16°31	n.a.	F 13
S 14	14 43 41	11°11'26	22°35	29° 8	25°25	16°28	8°59	28°59	10°37	5°32	14°27	26°17	26°56	16°38	n.a.	S 14
S 15	14 47 38	12° 8'30	7♏17	1♉ 9	26°28	17°10	9° 9	28°55	10°36	5°32	14°26	26° 6	26°53	16°45	n.a.	S 15
M16	14 51 34	13° 5'33	21°46	3°12	27°32	17°52	9°19	28°51	10°35	5°33	14°25	25°56	26°49	16°51	n.a.	M16
T 17	14 55 31	14° 2'36	5♐54	5°17	28°35	18°33	9°28	28°47	10°34	5°33	14°24	25°47	26°46	16°58	n.a.	T 17
W18	14 59 27	14°59'40	19°38	7°24	29°37	19°15	9°38	28°43	10°33	5°34	14°23	25°40	26°43	17° 5	n.a.	W18
T 19	15 3 24	15°56'43	2♑56	9°31	0♋40	19°56	9°48	28°39	10°32	5°35	14°21	25°36	26°40	17°12	n.a.	T 19
F 20	15 7 20	16°53'46	15°49	11°40	1°42	20°38	9°57	28°34	10°31	5°35	14°20	25°34	26°37	17°18	n.a.	F 20
S 21	15 11 17	17°50'50	28°19	13°50	2°44	21°19	10° 6	28°30	10°30	5°36	14°19	25°D33	26°33	17°25	n.a.	S 21
S 22	15 15 14	18°47'54	10♒32	16° 0	3°46	22° 0	10°15	28°26	10°28	5°37	14°18	25°34	26°30	17°32	n.a.	S 22
M23	15 19 10	19°44'57	22°32	18°11	4°47	22°41	10°24	28°22	10°27	5°38	14°16	25°R34	26°27	17°38	n.a.	M23
T 24	15 23 7	20°42'02	4♓24	20°21	5°48	23°23	10°33	28°17	10°26	5°39	14°15	25°33	26°24	17°45	n.a.	T 24
W25	15 27 3	21°39'06	16°14	22°31	6°48	24° 4	10°42	28°13	10°25	5°39	14°14	25°30	26°21	17°52	n.a.	W25
T 26	15 31 0	22°36'11	28° 7	24°41	7°49	24°45	10°51	28° 8	10°23	5°40	14°13	25°25	26°18	17°58	n.a.	T 26
F 27	15 34 56	23°33'16	10♈ 6	26°50	8°49	25°26	10°59	28° 4	10°22	5°41	14°11	25°17	26°14	18° 5	n.a.	F 27
S 28	15 38 53	24°30'22	22°14	28°57	9°49	26° 7	11° 8	28° 0	10°21	5°42	14°10	25° 8	26°11	18°12	n.a.	S 28
S 29	15 42 50	25°27'28	4♉34	1♊ 4	10°48	26°48	11°16	27°55	10°19	5°43	14° 9	24°58	26° 8	18°19	n.a.	S 29
M30	15 46 46	26°24'34	17° 8	3° 9	11°47	27°29	11°24	27°51	10°18	5°44	14° 7	24°47	26° 5	18°25	n.a.	M30
T 31	15 50 43	27♉21'41	29♉55	5♊13	12♋45	28♈ 9	11♓32	27♏46	10♑16	5♎45	14♐ 6	24♑38	26♑ 2	18♓32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n14	14n48	5n 0	0n13	2s42	24n59	2n30	2n24	0s37	10s25	1s19	19s 7	1n22	23s55	0s31	20n14	1n 3	24s48	1s52	21s 0	20s59	2s26			n.a.
M 2	11 34	19 6	4 54	0 54	2 36	25 9	2 31	2 41	0 37	10 21	1 19	19 6	1 22	23 55	0 31	20 14	1 3	24 48	1 52	21 3	21 0	2 23			n.a.
T 3	11 55	22 38	4 35	1 36	2 29	25 19	2 32	2 59	0 36	10 17	1 19	19 5	1 22	23 55	0 31	20 14	1 3	24 48	1 52	21 5	21 0	2 20			n.a.
W 4	12 15	25 8	4 2	2 20	2 21	25 27	2 32	3 16	0 36	10 13	1 19	19 4	1 22	23 55	0 31	20 14	1 3	24 48	1 52	21 7	21 1	2 17			n.a.
T 5	12 35	26 22	3 16	3 5	2 13	25 35	2 33	3 34	0 35	10 9	1 19	19 4	1 22	23 55	0 31	20 14	1 3	24 48	1 52	21 8	21 2	2 13			n.a.
F 6	12 55	26 9	2 19	3 52	2 4	25 43	2 33	3 51	0 35	10 5	1 20	19 3	1 22	23 55	0 31	20 14	1 3	24 48	1 52	21 9	21 2	2 10			n.a.
S 7	13 15	24 27	1 14	4 40	1 55	25 49	2 33	4 8	0 34	10 1	1 20	19 2	1 22	23 55	0 31	20 14	1 3	24 48	1 53	21 10	21 3	2 7			n.a.
S 8	13 34	21 19	0 3	5 29	1 46	25 55	2 33	4 25	0 34	9 58	1 20	19 1	1 22	23 55	0 31	20 14	1 3	24 48	1 53	21 10	21 3	2 4			n.a.
M 9	13 53	16 55	1s10	6 19	1 36	26 0	2 33	4 42	0 33	9 54	1 20	19 0	1 22	23 55	0 31	20 14	1 3	24 48	1 53	21 10	21 4	2 1			n.a.
T 10	14 12	11 32	2 19	7 10	1 26	26 5	2 33	4 59	0 32	9 50	1 20	19 0	1 22	23 55	0 31	20 13	1 3	24 48	1 53	21 10	21 5	1 58			n.a.
W11	14 31	5 26	3 22	8 2	1 15	26 9	2 33	5 16	0 32	9 46	1 21	18 59	1 22	23 55	0 31	20 13	1 3	24 48	1 53	21 10	21 5	1 54			n.a.
T 12	14 50	1s 2	4 12	8 54	1 4	26 12	2 33	5 33	0 31	9 42	1 21	18 58	1 22	23 55	0 31	20 13	1 3	24 48	1 53	21 11	21 6	1 51			n.a.
F 13	15 8	7 30	4 46	9 48	0 54	26 15	2 32	5 50	0 31	9 39	1 21	18 57	1 22	23 55	0 31	20 13	1 3	24 48	1 53	21 13	21 7	1 48			n.a.
S 14	15 26	13 34	5 1	10 41	0 43	26 17	2 31	6 7	0 30	9 35	1 21	18 56	1 22	23 56	0 31	20 13	1 3	24 48	1 53	21 15	21 7	1 45			n.a.
S 15	15 44	18 49	4 56	11 35	0 31	26 18	2 31	6 24	0 30	9 32	1 21	18 55	1 22	23 56	0 31	20 13	1 3	24 48	1 54	21 17	21 8	1 42			n.a.
M16	16 2	22 52	4 32	12 28	0 20	26 19	2 30	6 40	0 29	9 28	1 22	18 54	1 22	23 56	0 31	20 12	1 3	24 48	1 54	21 19	21 8	1 39			n.a.
T 17	16 19	25 27	3 51	13 21	0 9	26 19	2 29	6 57	0 28	9 24	1 22	18 54	1 22	23 56	0 31	20 12	1 3	24 48	1 54	21 20	21 9	1 35			n.a.
W18	16 36	26 23	2 58	14 14	0n 2	26 18	2 28	7 14	0 28	9 21	1 22	18 53	1 22	23 56	0 31	20 12	1 3	24 47	1 54	21 22	21 10	1 32			n.a.
T 19	16 53	25 45	1 57	15 6	0 12	26 17	2 26	7 30	0 27	9 18	1 22	18 52	1 22	23 56	0 31	20 12	1 3	24 47	1 54	21 23	21 10	1 29			n.a.
F 20	17 10	23 44	0 52	15 57	0 23	26 15	2 25	7 46	0 27	9 14	1 23	18 51	1 22	23 56	0 31	20 12	1 2	24 47	1 54	21 23	21 11	1 26			n.a.
S 21	17 26	20 36	0n15	16 47	0 33	26 12	2 23	8 3	0 26	9 11	1 23	18 50	1 21	23 56	0 32	20 12	1 2	24 47	1 54	21 23	21 12	1 23			n.a.
S 22	17 42	16 37	1 19	17 35	0 43	26 9	2 22	8 19	0 26	9 8	1 23	18 49	1 21	23 56	0 32	20 11	1 2	24 47	1 54	21 23	21 12	1 20			n.a.
M23	17 58	12 3	2 19	18 22	0 52	26 5	2 20	8 35	0 25	9 4	1 23	18 48	1 21	23 57	0 32	20 11	1 2	24 47	1 55	21 23	21 13	1 17			n.a.
T 24	18 13	7 5	3 11	19 6	1 1	26 0	2 18	8 51	0 24	9 1	1 24	18 47	1 21	23 57	0 32	20 11	1 2	24 47	1 55	21 23	21 13	1 13			n.a.
W25	18 29	1 54	3 56	19 49	1 9	25 55	2 16	9 7	0 24	8 58	1 24	18 46	1 21	23 57	0 32	20 11	1 2	24 47	1 55	21 24	21 14	1 10			n.a.
T 26	18 44	3n22	4 30	20 29	1 17	25 49	2 13	9 23	0 23	8 55	1 24	18 45	1 21	23 57	0 32	20 10	1 2	24 47	1 55	21 25	21 15	1 7			n.a.
F 27	18 58	8 33	4 53	21 8	1 24	25 43	2 11	9 39	0 23	8 52	1 24	18 45	1 21	23 57	0 32	20 10	1 2	24 47	1 55	21 26	21 15	1 4			n.a.
S 28	19 13	13 28	5 3	21 43	1 30	25 36	2 8	9 54	0 22	8 49	1 25	18 44	1 21	23 57	0 32	20 10	1 2	24 47	1 55	21 28	21 16	1 1			n.a.
S 29	19 27	17 57	5 0	22 16	1 36	25 28	2 5	10 10	0 21	8 46	1 25	18 43	1 21	23 57	0 32	20 10	1 2	24 47	1 55	21 30	21 16	0 58			n.a.
M30	19 40	21 43	4 41	22 47	1 40	25 20	2 2	10 25	0 21	8 43	1 25	18 42	1 21	23 57	0 32	20 9	1 2	24 47	1 55	21 32	21 17	0 55			n.a.
T 31	19n54	24n31	4n 9	23n14	1n45	25n12	1n59	10n41	0s20	8s40	1s25	18s41	1n21	23s58	0s32	20n 9	1n 2	24s47	1s55	21s33	21s18	0s51			n.a.

Julian Day Number = 1285800.5, Delta T = 08h03m51s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'15, Lahiri = -20°25'14 Julian Calendar 1 May 1193 BCE == Greg. Calendar 20 Apr. 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

JUNE 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 54 39	28♉18'48	12♊55	7♊15	13♋44	28♈50	11♓40	27°R42	10°R15	5♎46	14°R 5	24°R30	25♑59	18♓39	n.a.	W 1
T 2	15 58 36	29°15'55	26° 8	9°16	14°42	29°31	11°48	27♏38	10♑13	5°47	14♐ 3	24♑24	25°55	18°45	n.a.	T 2
F 3	16 2 32	0♊13'03	9♋32	11°15	15°39	0♉11	11°55	27°33	10°11	5°48	14° 2	24°21	25°52	18°52	n.a.	F 3
S 4	16 6 29	1°10'11	23° 7	13°12	16°36	0°52	12° 3	27°29	10°10	5°50	14° 0	24°D20	25°49	18°59	n.a.	S 4
S 5	16 10 25	2° 7'19	6♎51	15° 7	17°32	1°32	12°10	27°24	10° 8	5°51	13°59	24°20	25°46	19° 5	n.a.	S 5
M 6	16 14 22	3° 4'27	20°46	17° 1	18°28	2°13	12°17	27°20	10° 6	5°52	13°58	24°21	25°43	19°12	n.a.	M 6
T 7	16 18 19	4° 1'35	4♍51	18°53	19°24	2°53	12°24	27°16	10° 5	5°53	13°56	24°R22	25°39	19°19	n.a.	T 7
W 8	16 22 15	4°58'44	19° 3	20°43	20°19	3°34	12°31	27°11	10° 3	5°54	13°55	24°21	25°36	19°25	n.a.	W 8
T 9	16 26 12	5°55'52	3♎23	22°31	21°14	4°14	12°37	27° 7	10° 1	5°56	13°53	24°18	25°33	19°32	n.a.	T 9
F 10	16 30 8	6°53'02	17°46	24°17	22° 8	4°54	12°44	27° 3	9°59	5°57	13°52	24°14	25°30	19°39	n.a.	F 10
S 11	16 34 5	7°50'11	2♏ 8	26° 1	23° 1	5°34	12°50	26°58	9°57	5°58	13°51	24° 7	25°27	19°46	n.a.	S 11
S 12	16 38 1	8°47'21	16°24	27°44	23°54	6°14	12°56	26°54	9°55	6° 0	13°49	24° 0	25°24	19°52	n.a.	S 12
M13	16 41 58	9°44'32	0♐29	29°25	24°46	6°54	13° 3	26°50	9°53	6° 1	13°48	23°54	25°20	19°59	n.a.	M13
T 14	16 45 55	10°41'44	14°18	1♋ 4	25°38	7°34	13° 8	26°46	9°51	6° 3	13°46	23°48	25°17	20° 6	n.a.	T 14
W15	16 49 51	11°38'56	27°48	2°41	26°29	8°14	13°14	26°42	9°49	6° 4	13°45	23°43	25°14	20°12	n.a.	W15
T 16	16 53 48	12°36'09	10♑57	4°16	27°19	8°54	13°20	26°37	9°47	6° 6	13°43	23°41	25°11	20°19	n.a.	T 16
F 17	16 57 44	13°33'24	23°45	5°50	28° 9	9°34	13°25	26°33	9°45	6° 7	13°42	23°D40	25° 8	20°26	n.a.	F 17
S 18	17 1 41	14°30'39	6♒14	7°21	28°58	10°14	13°30	26°29	9°43	6° 9	13°41	23°41	25° 5	20°32	n.a.	S 18
S 19	17 5 37	15°27'55	18°27	8°51	29°46	10°53	13°35	26°25	9°41	6°10	13°39	23°42	25° 1	20°39	n.a.	S 19
M20	17 9 34	16°25'13	0♓28	10°19	0♎34	11°33	13°40	26°21	9°39	6°12	13°38	23°44	24°58	20°46	n.a.	M20
T 21	17 13 30	17°22'31	12°22	11°45	1°20	12°13	13°45	26°17	9°37	6°13	13°36	23°R45	24°55	20°53	n.a.	T 21
W22	17 17 27	18°19'51	24°14	13° 9	2° 6	12°52	13°50	26°13	9°35	6°15	13°35	23°45	24°52	20°59	n.a.	W22
T 23	17 21 24	19°17'12	6♈ 8	14°31	2°51	13°32	13°54	26° 9	9°32	6°16	13°33	23°43	24°49	21° 6	n.a.	T 23
F 24	17 25 20	20°14'35	18°10	15°52	3°35	14°11	13°58	26° 6	9°30	6°18	13°32	23°40	24°45	21°13	n.a.	F 24
S 25	17 29 17	21°11'59	0♉23	17°10	4°18	14°51	14° 2	26° 2	9°28	6°20	13°30	23°36	24°42	21°19	n.a.	S 25
S 26	17 33 13	22° 9'24	12°50	18°26	5° 1	15°30	14° 6	25°58	9°26	6°21	13°29	23°31	24°39	21°26	n.a.	S 26
M27	17 37 10	23° 6'51	25°34	19°40	5°42	16° 9	14°10	25°54	9°24	6°23	13°28	23°26	24°36	21°33	n.a.	M27
T 28	17 41 6	24° 4'19	8♊36	20°52	6°22	16°48	14°13	25°51	9°21	6°25	13°26	23°22	24°33	21°39	n.a.	T 28
W29	17 45 3	25° 1'48	21°55	22° 1	7° 1	17°28	14°16	25°47	9°19	6°27	13°25	23°18	24°30	21°46	n.a.	W29
T 30	17 49 0	25♊59'19	5♋30	23♋ 8	7♎39	18♉ 7	14♓20	25♏44	9♑17	6♎28	13♐23	23♑15	24♑26	21♓53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 7	26n 5	3n23	23n40	1n48	25n 2	1n56	10n56	0s20	8s37	1s26	18s40	1n21	23s58	0s32	20n 9	1n 2	24s47	1s56	21s35	21s18	0s48		n.a.
T 2	20 20	26 12	2 25	24 2	1 51	24 53	1 53	11 11	0 19	8 35	1 26	18 39	1 21	23 58	0 32	20 8	1 2	24 47	1 56	21 36	21 19	0 45		n.a.
F 3	20 32	24 48	1 19	24 22	1 53	24 42	1 49	11 26	0 18	8 32	1 26	18 38	1 21	23 58	0 32	20 8	1 2	24 47	1 56	21 36	21 19	0 42		n.a.
S 4	20 44	21 56	0 7	24 40	1 55	24 32	1 45	11 41	0 18	8 29	1 27	18 37	1 21	23 58	0 32	20 8	1 2	24 47	1 56	21 36	21 20	0 39		n.a.
S 5	20 56	17 47	1s 7	24 54	1 56	24 20	1 41	11 56	0 17	8 27	1 27	18 36	1 20	23 58	0 32	20 8	1 2	24 47	1 56	21 36	21 21	0 36		n.a.
M 6	21 7	12 39	2 17	25 7	1 56	24 8	1 37	12 11	0 16	8 24	1 27	18 35	1 20	23 59	0 32	20 7	1 2	24 47	1 56	21 36	21 21	0 33		n.a.
T 7	21 18	6 48	3 20	25 17	1 56	23 56	1 33	12 26	0 16	8 22	1 27	18 34	1 20	23 59	0 32	20 7	1 2	24 46	1 56	21 36	21 22	0 29		n.a.
W 8	21 29	0 33	4 12	25 25	1 55	23 43	1 28	12 40	0 15	8 19	1 28	18 33	1 20	23 59	0 32	20 7	1 2	24 46	1 56	21 36	21 22	0 26		n.a.
T 9	21 39	5s45	4 48	25 30	1 53	23 30	1 23	12 55	0 14	8 17	1 28	18 33	1 20	23 59	0 32	20 6	1 2	24 46	1 56	21 37	21 23	0 23		n.a.
F 10	21 49	11 46	5 6	25 33	1 51	23 17	1 19	13 9	0 14	8 15	1 28	18 32	1 20	23 59	0 32	20 6	1 2	24 46	1 56	21 38	21 24	0 20		n.a.
S 11	21 59	17 10	5 5	25 35	1 48	23 3	1 14	13 23	0 13	8 12	1 29	18 31	1 20	23 59	0 32	20 5	1 2	24 46	1 57	21 39	21 24	0 17		n.a.
S 12	22 8	21 33	4 45	25 34	1 45	22 48	1 8	13 37	0 13	8 10	1 29	18 30	1 20	24 0	0 32	20 5	1 2	24 46	1 57	21 40	21 25	0 14		n.a.
M13	22 17	24 37	4 8	25 31	1 41	22 33	1 3	13 51	0 12	8 8	1 29	18 29	1 20	24 0	0 32	20 5	1 2	24 46	1 57	21 41	21 25	0 11		n.a.
T 14	22 25	26 9	3 17	25 27	1 37	22 18	0 57	14 5	0 11	8 6	1 29	18 28	1 19	24 0	0 32	20 4	1 2	24 46	1 57	21 42	21 26	0 8		n.a.
W15	22 33	26 5	2 16	25 21	1 32	22 3	0 51	14 19	0 11	8 4	1 30	18 27	1 19	24 0	0 32	20 4	1 2	24 46	1 57	21 43	21 27	0 4		n.a.
T 16	22 41	24 31	1 8	25 13	1 27	21 47	0 45	14 33	0 10	8 2	1 30	18 26	1 19	24 0	0 32	20 4	1 2	24 46	1 57	21 43	21 27	0 1		n.a.
F 17	22 48	21 42	0n 0	25 4	1 21	21 31	0 39	14 46	0 9	8 0	1 30	18 26	1 19	24 0	0 32	20 3	1 2	24 46	1 57	21 44	21 28	0n 2		n.a.
S 18	22 55	17 56	1 8	24 53	1 15	21 14	0 33	15 0	0 9	7 59	1 31	18 25	1 19	24 1	0 32	20 3	1 2	24 46	1 57	21 43	21 28	0 5		n.a.
S 19	23 2	13 29	2 11	24 41	1 9	20 58	0 26	15 13	0 8	7 57	1 31	18 24	1 19	24 1	0 32	20 2	1 2	24 45	1 57	21 43	21 29	0 8		n.a.
M20	23 8	8 35	3 7	24 27	1 2	20 41	0 19	15 26	0 7	7 55	1 31	18 23	1 19	24 1	0 32	20 2	1 2	24 45	1 57	21 43	21 30	0 11		n.a.
T 21	23 14	3 26	3 54	24 13	0 54	20 23	0 12	15 39	0 7	7 54	1 31	18 22	1 19	24 1	0 32	20 2	1 2	24 45	1 57	21 43	21 30	0 14		n.a.
W22	23 19	1n49	4 32	23 57	0 47	20 6	0 5	15 52	0 6	7 52	1 32	18 21	1 18	24 1	0 32	20 1	1 2	24 45	1 58	21 43	21 31	0 17		n.a.
T 23	23 24	7 1	4 57	23 40	0 39	19 48	0s 3	16 5	0 5	7 51	1 32	18 21	1 18	24 1	0 32	20 1	1 2	24 45	1 58	21 43	21 31	0 21		n.a.
F 24	23 28	12 0	5 10	23 23	0 30	19 30	0 11	16 17	0 5	7 50	1 32	18 20	1 18	24 2	0 32	20 0	1 2	24 45	1 58	21 43	21 32	0 24		n.a.
S 25	23 32	16 36	5 10	23 4	0 21	19 12	0 19	16 30	0 4	7 48	1 33	18 19	1 18	24 2	0 32	20 0	1 2	24 45	1 58	21 44	21 32	0 27		n.a.
S 26	23 36	20 37	4 54	22 45	0 12	18 54	0 27	16 42	0 3	7 47	1 33	18 18	1 18	24 2	0 32	19 59	1 2	24 45	1 58	21 45	21 33	0 30		n.a.
M27	23 39	23 45	4 25	22 25	0 3	18 36	0 35	16 54	0 3	7 46	1 33	18 18	1 18	24 2	0 32	19 59	1 2	24 45	1 58	21 46	21 34	0 33		n.a.
T 28	23 42	25 44	3 40	22 5	0s 7	18 17	0 44	17 6	0 2	7 45	1 34	18 17	1 18	24 2	0 32	19 59	1 2	24 45	1 58	21 47	21 34	0 36		n.a.
W29	23 45	26 18	2 43	21 44	0 17	17 59	0 53	17 18	0 1	7 44	1 34	18 16	1 18	24 3	0 32	19 58	1 2	24 45	1 58	21 47	21 35	0 39		n.a.
T 30	23n47	25n19	1n36	21n23	0s27	17n40	1s 2	17n30	0s 1	7s43	1s34	18s15	1n17	24s 3	0s32	19n58	1n 2	24s44	1s58	21s48	21s35	0n42		n.a.

Julian Day Number = 1285831.5, Delta T = 08h03m50s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'10, Lahiri = -20°25'10 Julian Calendar 1 June 1193 BCE == Greg. Calendar 21 May 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

JULY 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 52 56	26♊56'51	19♋19	24♋13	8♌16	18♉46	14♓22	25°R40	9°R14	6♌30	13°R22	23°D14	24♑23	22♓ 0	n.a.	F 1
S 2	17 56 53	27°54'24	3♌18	25°15	8°52	19°25	14°25	25♏37	9♑12	6°32	13♐21	23♑15	24°20	22° 6	n.a.	S 2
S 3	18 0 49	28°51'58	17°26	26°15	9°27	20° 4	14°28	25°33	9°10	6°34	13°19	23°16	24°17	22°13	n.a.	S 3
M 4	18 4 46	29°49'33	1♍38	27°12	10° 0	20°43	14°30	25°30	9° 7	6°36	13°18	23°17	24°14	22°20	n.a.	M 4
T 5	18 8 42	0♋47'09	15°52	28° 5	10°32	21°21	14°32	25°27	9° 5	6°38	13°17	23°18	24°11	22°26	n.a.	T 5
W 6	18 12 39	1°44'46	0♎ 6	28°56	11° 2	22° 0	14°34	25°24	9° 3	6°40	13°15	23°R19	24° 7	22°33	n.a.	W 6
T 7	18 16 35	2°42'25	14°17	29°43	11°31	22°39	14°36	25°21	9° 0	6°41	13°14	23°19	24° 4	22°40	n.a.	T 7
F 8	18 20 32	3°40'04	28°23	0♌27	11°58	23°17	14°38	25°18	8°58	6°43	13°13	23°17	24° 1	22°47	n.a.	F 8
S 9	18 24 29	4°37'45	12♏22	1° 8	12°24	23°56	14°39	25°15	8°56	6°45	13°11	23°15	23°58	22°53	n.a.	S 9
S 10	18 28 25	5°35'27	26°12	1°44	12°48	24°35	14°40	25°12	8°53	6°47	13°10	23°13	23°55	23° 0	n.a.	S 10
M11	18 32 22	6°33'11	9♐50	2°17	13°11	25°13	14°41	25° 9	8°51	6°49	13° 9	23°11	23°51	23° 7	n.a.	M11
T 12	18 36 18	7°30'56	23°13	2°45	13°32	25°51	14°42	25° 7	8°48	6°51	13° 7	23° 9	23°48	23°13	n.a.	T 12
W13	18 40 15	8°28'43	6♑22	3° 9	13°51	26°30	14°42	25° 4	8°46	6°53	13° 6	23° 7	23°45	23°20	n.a.	W13
T 14	18 44 11	9°26'31	19°15	3°28	14° 8	27° 8	14°43	25° 2	8°44	6°55	13° 5	23°D 7	23°42	23°27	n.a.	T 14
F 15	18 48 8	10°24'21	1♒52	3°42	14°23	27°46	14°43	24°59	8°41	6°57	13° 4	23° 7	23°39	23°33	n.a.	F 15
S 16	18 52 4	11°22'12	14°14	3°51	14°36	28°24	14°R43	24°57	8°39	6°59	13° 2	23° 8	23°36	23°40	n.a.	S 16
S 17	18 56 1	12°20'05	26°24	3°R54	14°47	29° 3	14°43	24°54	8°36	7° 1	13° 1	23° 9	23°32	23°47	n.a.	S 17
M18	18 59 58	13°18'01	8♓24	3°51	14°56	29°41	14°43	24°52	8°34	7° 3	13° 0	23°10	23°29	23°54	n.a.	M18
T 19	19 3 54	14°15'58	20°18	3°43	15° 3	0♊19	14°42	24°50	8°32	7° 6	12°59	23°11	23°26	24° 0	n.a.	T 19
W20	19 7 51	15°13'57	2♈10	3°29	15° 8	0°57	14°41	24°48	8°29	7° 8	12°58	23°11	23°23	24° 7	n.a.	W20
T 21	19 11 47	16°11'58	14° 4	3° 9	15°10	1°34	14°40	24°46	8°27	7°10	12°56	23°R11	23°20	24°14	n.a.	T 21
F 22	19 15 44	17°10'01	26° 5	2°42	15°R10	2°12	14°39	24°44	8°25	7°12	12°55	23°11	23°17	24°20	n.a.	F 22
S 23	19 19 40	18° 8'06	8♉18	2°10	15° 8	2°50	14°38	24°43	8°22	7°14	12°54	23°11	23°13	24°27	n.a.	S 23
S 24	19 23 37	19° 6'14	20°46	1°32	15° 4	3°28	14°36	24°41	8°20	7°16	12°53	23°11	23°10	24°34	n.a.	S 24
M25	19 27 33	20° 4'24	3♊34	0°48	14°57	4° 5	14°34	24°39	8°18	7°18	12°52	23°10	23° 7	24°41	n.a.	M25
T 26	19 31 30	21° 2'35	16°44	0° 0	14°48	4°43	14°32	24°38	8°15	7°20	12°51	23°10	23° 4	24°47	n.a.	T 26
W27	19 35 27	22° 0'49	0♋15	29♋ 8	14°36	5°20	14°30	24°36	8°13	7°23	12°50	23°10	23° 1	24°54	n.a.	W27
T 28	19 39 23	22°59'05	14° 8	28°12	14°22	5°58	14°28	24°35	8°11	7°25	12°49	23°D10	22°57	25° 1	n.a.	T 28
F 29	19 43 20	23°57'23	28°20	27°14	14° 6	6°35	14°25	24°34	8° 8	7°27	12°48	23°R10	22°54	25° 7	n.a.	F 29
S 30	19 47 16	24°55'42	12♌47	26°15	13°48	7°13	14°22	24°33	8° 6	7°29	12°47	23°10	22°51	25°14	n.a.	S 30
S 31	19 51 13	25♋54'04	27♌22	25♋16	13♌27	7♊50	14♓19	24♏32	8♑ 4	7♌31	12♐46	23♑ 9	22♑48	25♓21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	22n47	0n22	21n 1	0s37	17n21	1s11	17n42	0n 0	7s42	1s35	18s15	1n17	24s 3	0s32	19n57	1n 2	24s44	1s58	21s48	21s36	0n45		n.a.
S 2	23 49	18 51	0s55	20 39	0 48	17 3	1 21	17 53	0 1	7 41	1 35	18 14	1 17	24 3	0 32	19 57	1 2	24 44	1 58	21 48	21 36	0 49		n.a.
S 3	23 50	13 49	2 9	20 18	0 59	16 44	1 30	18 5	0 2	7 41	1 35	18 13	1 17	24 3	0 32	19 56	1 2	24 44	1 58	21 48	21 37	0 52		n.a.
M 4	23 50	8 2	3 16	19 56	1 10	16 26	1 40	18 16	0 2	7 40	1 36	18 13	1 17	24 3	0 32	19 56	1 2	24 44	1 59	21 47	21 38	0 55		n.a.
T 5	23 50	1 50	4 10	19 34	1 21	16 7	1 51	18 27	0 3	7 39	1 36	18 12	1 17	24 4	0 32	19 55	1 2	24 44	1 59	21 47	21 38	0 58		n.a.
W 6	23 50	4s27	4 50	19 13	1 32	15 49	2 1	18 38	0 4	7 39	1 36	18 12	1 16	24 4	0 32	19 55	1 2	24 44	1 59	21 47	21 39	1 1		n.a.
T 7	23 49	10 29	5 11	18 52	1 44	15 30	2 12	18 49	0 4	7 38	1 37	18 11	1 16	24 4	0 32	19 54	1 2	24 44	1 59	21 47	21 39	1 4		n.a.
F 8	23 47	15 57	5 14	18 31	1 55	15 12	2 23	18 59	0 5	7 38	1 37	18 11	1 16	24 4	0 32	19 54	1 2	24 44	1 59	21 47	21 40	1 7		n.a.
S 9	23 45	20 31	4 58	18 11	2 7	14 54	2 34	19 10	0 6	7 38	1 37	18 10	1 16	24 4	0 32	19 53	1 2	24 44	1 59	21 48	21 40	1 10		n.a.
S 10	23 43	23 54	4 24	17 51	2 18	14 37	2 45	19 20	0 6	7 38	1 37	18 9	1 16	24 4	0 32	19 53	1 2	24 43	1 59	21 48	21 41	1 13		n.a.
M11	23 40	25 52	3 37	17 33	2 30	14 19	2 57	19 30	0 7	7 38	1 38	18 9	1 16	24 5	0 32	19 52	1 2	24 43	1 59	21 49	21 41	1 16		n.a.
T 12	23 37	26 17	2 38	17 15	2 41	14 2	3 8	19 40	0 8	7 38	1 38	18 8	1 15	24 5	0 33	19 52	1 2	24 43	1 59	21 49	21 42	1 20		n.a.
W13	23 34	25 12	1 31	16 59	2 53	13 45	3 20	19 50	0 9	7 38	1 38	18 8	1 15	24 5	0 33	19 51	1 2	24 43	1 59	21 49	21 43	1 23		n.a.
T 14	23 30	22 47	0 21	16 44	3 4	13 29	3 32	20 0	0 9	7 38	1 39	18 8	1 15	24 5	0 33	19 51	1 2	24 43	1 59	21 49	21 43	1 26		n.a.
F 15	23 25	19 17	0n48	16 30	3 14	13 12	3 45	20 9	0 10	7 38	1 39	18 7	1 15	24 5	0 33	19 50	1 2	24 43	1 59	21 49	21 44	1 29		n.a.
S 16	23 20	15 1	1 54	16 18	3 25	12 57	3 57	20 19	0 11	7 38	1 39	18 7	1 15	24 5	0 33	19 50	1 2	24 43	1 59	21 49	21 44	1 32		n.a.
S 17	23 15	10 12	2 54	16 7	3 35	12 41	4 10	20 28	0 12	7 39	1 40	18 6	1 15	24 6	0 33	19 49	1 2	24 43	1 59	21 49	21 45	1 35		n.a.
M18	23 10	5 5	3 45	15 59	3 44	12 27	4 23	20 37	0 12	7 39	1 40	18 6	1 14	24 6	0 33	19 48	1 2	24 43	1 59	21 49	21 45	1 38		n.a.
T 19	23 4	0n10	4 26	15 52	3 53	12 12	4 35	20 46	0 13	7 40	1 40	18 6	1 14	24 6	0 33	19 48	1 2	24 43	2 0	21 49	21 46	1 41		n.a.
W20	22 57	5 23	4 56	15 48	4 1	11 59	4 48	20 55	0 14	7 40	1 41	18 5	1 14	24 6	0 33	19 47	1 2	24 42	2 0	21 48	21 46	1 44		n.a.
T 21	22 50	10 25	5 13	15 46	4 8	11 45	5 1	21 3	0 15	7 41	1 41	18 5	1 14	24 6	0 33	19 47	1 2	24 42	2 0	21 48	21 47	1 47		n.a.
F 22	22 43	15 8	5 17	15 46	4 14	11 33	5 14	21 12	0 15	7 42	1 41	18 5	1 14	24 6	0 33	19 46	1 2	24 42	2 0	21 48	21 48	1 50		n.a.
S 23	22 35	19 19	5 6	15 49	4 18	11 21	5 27	21 20	0 16	7 42	1 42	18 4	1 14	24 7	0 33	19 46	1 2	24 42	2 0	21 49	21 48	1 54		n.a.
S 24	22 27	22 45	4 41	15 54	4 21	11 10	5 40	21 28	0 17	7 43	1 42	18 4	1 13	24 7	0 33	19 45	1 2	24 42	2 0	21 49	21 49	1 57		n.a.
M25	22 19	25 10	4 2	16 2	4 23	11 0	5 53	21 36	0 18	7 44	1 42	18 4	1 13	24 7	0 33	19 45	1 2	24 42	2 0	21 49	21 49	2 0		n.a.
T 26	22 10	26 17	3 9	16 13	4 22	10 50	6 6	21 44	0 18	7 45	1 42	18 4	1 13	24 7	0 33	19 44	1 2	24 42	2 0	21 49	21 50	2 3		n.a.
W27	22 0	25 54	2 4	16 26	4 20	10 41	6 19	21 52	0 19	7 47	1 43	18 4	1 13	24 7	0 33	19 44	1 2	24 42	2 0	21 49	21 50	2 6		n.a.
T 28	21 51	23 54	0 50	16 41	4 16	10 33	6 31	21 59	0 20	7 48	1 43	18 3	1 13	24 7	0 33	19 43	1 2	24 42	2 0	21 49	21 51	2 9		n.a.
F 29	21 40	20 22	0s29	16 58	4 10	10 26	6 43	22 6	0 21	7 49	1 43	18 3	1 12	24 7	0 33	19 42	1 2	24 42	2 0	21 49	21 51	2 12		n.a.
S 30	21 30	15 33	1 47	17 17	4 2	10 20	6 55	22 14	0 21	7 50	1 44	18 3	1 12	24 8	0 33	19 42	1 2	24 42	2 0	21 49	21 52	2 15		n.a.
S 31	21n19	9n48	2s59	17n38	3s52	10n15	7s 7	22n21	0n22	7s52	1s44	18s 3	1n12	24s 8	0s33	19n41	1n 2	24s41	2s 0	21s49	21s52	2n18		n.a.

Julian Day Number = 1285861.5, Delta T = 08h03m48s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'06, Lahiri = -20°25'06 Julian Calendar 1 July 1193 BCE == Greg. Calendar 20 June 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

AUGUST 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 55 9	26♋52'27	11♍59	24°R19	13°R 4	8♊27	14°R16	24°R31	8°R 2	7♌33	12°R45	23°R 9	22♑45	25♓27	n.a.	M 1
T 2	19 59 6	27°50'52	26°34	23♋24	12♌39	9° 4	14♓13	24♏30	7♑59	7°36	12♐44	23♑ 9	22°42	25°34	n.a.	T 2
W 3	20 3 2	28°49'19	10♎59	22°33	12°12	9°41	14° 9	24°29	7°57	7°38	12°43	23° 8	22°38	25°41	n.a.	W 3
T 4	20 6 59	29°47'47	25°13	21°48	11°43	10°18	14° 6	24°29	7°55	7°40	12°42	23°D 8	22°35	25°48	n.a.	T 4
F 5	20 10 55	0♌46'17	9♏13	21° 9	11°13	10°55	14° 2	24°28	7°53	7°42	12°41	23° 8	22°32	25°54	n.a.	F 5
S 6	20 14 52	1°44'49	22°57	20°37	10°41	11°32	13°58	24°28	7°51	7°45	12°41	23° 8	22°29	26° 1	n.a.	S 6
S 7	20 18 49	2°43'23	6♐26	20°14	10° 8	12° 9	13°53	24°27	7°49	7°47	12°40	23° 9	22°26	26° 8	n.a.	S 7
M 8	20 22 45	3°41'59	19°40	20° 0	9°33	12°45	13°49	24°27	7°47	7°49	12°39	23°10	22°23	26°14	n.a.	M 8
T 9	20 26 42	4°40'36	2♑39	19°D55	8°58	13°22	13°44	24°27	7°45	7°51	12°38	23°11	22°19	26°21	n.a.	T 9
W10	20 30 38	5°39'16	15°26	19°59	8°22	13°59	13°40	24°D27	7°43	7°53	12°38	23°12	22°16	26°28	n.a.	W10
T 11	20 34 35	6°37'58	28° 0	20°13	7°45	14°35	13°35	24°27	7°41	7°56	12°37	23°R12	22°13	26°35	n.a.	T 11
F 12	20 38 31	7°36'41	10♒22	20°37	7° 8	15°12	13°30	24°27	7°39	7°58	12°36	23°11	22°10	26°41	n.a.	F 12
S 13	20 42 28	8°35'27	22°34	21° 9	6°32	15°48	13°24	24°27	7°37	8° 0	12°35	23°10	22° 7	26°48	n.a.	S 13
S 14	20 46 24	9°34'14	4♓38	21°51	5°55	16°24	13°19	24°28	7°35	8° 2	12°35	23° 7	22° 3	26°55	n.a.	S 14
M15	20 50 21	10°33'04	16°35	22°41	5°19	17° 1	13°13	24°28	7°33	8° 5	12°34	23° 5	22° 0	27° 1	n.a.	M15
T 16	20 54 18	11°31'57	28°28	23°39	4°44	17°37	13° 7	24°28	7°31	8° 7	12°34	23° 2	21°57	27° 8	n.a.	T 16
W17	20 58 14	12°30'51	10♈19	24°44	4°10	18°13	13° 2	24°29	7°29	8° 9	12°33	22°59	21°54	27°15	n.a.	W17
T 18	21 2 11	13°29'49	22°12	25°55	3°37	18°49	12°56	24°30	7°27	8°11	12°33	22°57	21°51	27°22	n.a.	T 18
F 19	21 6 7	14°28'48	4♉11	27°13	3° 5	19°25	12°49	24°31	7°26	8°13	12°32	22°55	21°48	27°28	n.a.	F 19
S 20	21 10 4	15°27'50	16°21	28°36	2°35	20° 1	12°43	24°32	7°24	8°16	12°32	22°D55	21°44	27°35	n.a.	S 20
S 21	21 14 0	16°26'55	28°46	0♌ 4	2° 7	20°36	12°37	24°33	7°22	8°18	12°31	22°56	21°41	27°42	n.a.	S 21
M22	21 17 57	17°26'02	11♊30	1°35	1°40	21°12	12°30	24°34	7°20	8°20	12°31	22°57	21°38	27°48	n.a.	M22
T 23	21 21 53	18°25'11	24°38	3°10	1°16	21°48	12°23	24°35	7°19	8°22	12°30	22°58	21°35	27°55	n.a.	T 23
W24	21 25 50	19°24'23	8♋11	4°48	0°53	22°23	12°16	24°36	7°17	8°25	12°30	23° 0	21°32	28° 2	n.a.	W24
T 25	21 29 46	20°23'37	22°11	6°28	0°33	22°59	12° 9	24°38	7°16	8°27	12°30	23°R 0	21°29	28° 9	n.a.	T 25
F 26	21 33 43	21°22'54	6♌36	8°10	0°16	23°34	12° 2	24°39	7°14	8°29	12°29	23° 0	21°25	28°15	n.a.	F 26
S 27	21 37 40	22°22'13	21°22	9°53	0° 0	24°10	11°55	24°41	7°13	8°31	12°29	22°58	21°22	28°22	n.a.	S 27
S 28	21 41 36	23°21'34	6♍21	11°37	29♋47	24°45	11°48	24°42	7°11	8°33	12°29	22°54	21°19	28°29	n.a.	S 28
M29	21 45 33	24°20'57	21°25	13°23	29°37	25°20	11°40	24°44	7°10	8°35	12°28	22°50	21°16	28°35	n.a.	M29
T 30	21 49 29	25°20'22	6♎23	15° 9	29°28	25°55	11°33	24°46	7° 8	8°38	12°28	22°45	21°13	28°42	n.a.	T 30
W31	21 53 26	26♌19'49	21♎ 9	16♌55	29♋23	26♊30	11♓25	24♏48	7♑ 7	8♌40	12♐28	22♑41	21♑ 9	28♓49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n 8	3n30	3s59	17n59	3s41	10n10	7s18	22n27	0n23	7s53	1s44	18s 3	1n12	24s 8	0s33	19n41	1n 2	24s41	2s 0	21s49	21s53	2n21		n.a.
T 2	20 56	2s56	4 44	18 22	3 27	10 7	7 29	22 34	0 24	7 55	1 45	18 3	1 12	24 8	0 33	19 40	1 2	24 41	2 0	21 49	21 54	2 24		n.a.
W 3	20 44	9 9	5 10	18 45	3 12	10 5	7 39	22 41	0 24	7 56	1 45	18 3	1 11	24 8	0 33	19 40	1 2	24 41	2 0	21 49	21 54	2 27		n.a.
T 4	20 32	14 49	5 17	19 9	2 56	10 3	7 48	22 47	0 25	7 58	1 45	18 3	1 11	24 8	0 33	19 39	1 2	24 41	2 0	21 49	21 55	2 30		n.a.
F 5	20 19	19 36	5 5	19 32	2 39	10 3	7 57	22 53	0 26	8 0	1 45	18 3	1 11	24 8	0 33	19 38	1 2	24 41	2 0	21 49	21 55	2 33		n.a.
S 6	20 6	23 15	4 35	19 55	2 20	10 4	8 6	22 59	0 27	8 2	1 46	18 3	1 11	24 9	0 33	19 38	1 2	24 41	2 0	21 49	21 56	2 37		n.a.
S 7	19 53	25 32	3 51	20 17	2 2	10 5	8 13	23 5	0 28	8 4	1 46	18 3	1 11	24 9	0 33	19 37	1 2	24 41	2 1	21 49	21 56	2 40		n.a.
M 8	19 39	26 20	2 55	20 37	1 43	10 8	8 20	23 10	0 28	8 6	1 46	18 3	1 11	24 9	0 33	19 37	1 2	24 41	2 1	21 49	21 57	2 43		n.a.
T 9	19 25	25 40	1 51	20 57	1 24	10 11	8 26	23 16	0 29	8 8	1 46	18 4	1 10	24 9	0 33	19 36	1 2	24 41	2 1	21 49	21 57	2 46		n.a.
W10	19 10	23 38	0 43	21 15	1 5	10 15	8 31	23 21	0 30	8 10	1 47	18 4	1 10	24 9	0 33	19 35	1 2	24 41	2 1	21 48	21 58	2 49		n.a.
T 11	18 55	20 28	0n27	21 30	0 47	10 21	8 35	23 26	0 31	8 12	1 47	18 4	1 10	24 9	0 33	19 35	1 2	24 41	2 1	21 48	21 58	2 52		n.a.
F 12	18 40	16 26	1 34	21 44	0 30	10 27	8 38	23 31	0 32	8 14	1 47	18 4	1 10	24 9	0 32	19 34	1 2	24 41	2 1	21 49	21 59	2 55		n.a.
S 13	18 25	11 46	2 35	21 56	0 13	10 33	8 40	23 36	0 33	8 17	1 47	18 4	1 10	24 9	0 32	19 34	1 2	24 41	2 1	21 49	21 59	2 58		n.a.
S 14	18 9	6 44	3 29	22 5	0n 3	10 41	8 41	23 41	0 33	8 19	1 48	18 5	1 9	24 9	0 32	19 33	1 2	24 41	2 1	21 49	22 0	3 1		n.a.
M15	17 53	1 30	4 13	22 11	0 18	10 49	8 42	23 45	0 34	8 21	1 48	18 5	1 9	24 10	0 32	19 33	1 2	24 41	2 1	21 50	22 0	3 4		n.a.
T 16	17 37	3n45	4 46	22 15	0 32	10 58	8 41	23 50	0 35	8 24	1 48	18 5	1 9	24 10	0 32	19 32	1 2	24 41	2 1	21 50	22 1	3 7		n.a.
W17	17 20	8 50	5 7	22 16	0 45	11 7	8 40	23 54	0 36	8 26	1 48	18 6	1 9	24 10	0 32	19 31	1 2	24 41	2 1	21 51	22 1	3 10		n.a.
T 18	17 3	13 38	5 15	22 14	0 56	11 17	8 37	23 58	0 37	8 29	1 48	18 6	1 9	24 10	0 32	19 31	1 2	24 40	2 1	21 51	22 2	3 13		n.a.
F 19	16 46	17 57	5 9	22 9	1 7	11 27	8 34	24 2	0 38	8 31	1 49	18 6	1 8	24 10	0 32	19 30	1 2	24 40	2 1	21 51	22 2	3 16		n.a.
S 20	16 28	21 36	4 49	22 1	1 16	11 38	8 30	24 6	0 38	8 34	1 49	18 7	1 8	24 10	0 32	19 30	1 2	24 40	2 1	21 51	22 3	3 19		n.a.
S 21	16 10	24 22	4 15	21 51	1 24	11 49	8 25	24 9	0 39	8 37	1 49	18 7	1 8	24 10	0 32	19 29	1 2	24 40	2 1	21 51	22 3	3 22		n.a.
M22	15 52	25 59	3 29	21 37	1 31	12 0	8 19	24 12	0 40	8 39	1 49	18 8	1 8	24 10	0 32	19 29	1 2	24 40	2 1	21 51	22 4	3 25		n.a.
T 23	15 33	26 13	2 30	21 21	1 37	12 11	8 13	24 16	0 41	8 42	1 49	18 8	1 8	24 10	0 32	19 28	1 2	24 40	2 1	21 51	22 4	3 28		n.a.
W24	15 15	24 55	1 20	21 2	1 42	12 23	8 6	24 19	0 42	8 45	1 49	18 9	1 8	24 10	0 32	19 27	1 2	24 40	2 1	21 50	22 5	3 31		n.a.
T 25	14 56	22 3	0 4	20 41	1 46	12 35	7 59	24 21	0 43	8 48	1 50	18 9	1 7	24 10	0 32	19 27	1 2	24 40	2 1	21 50	22 5	3 34		n.a.
F 26	14 37	17 44	1s14	20 17	1 50	12 46	7 51	24 24	0 44	8 51	1 50	18 10	1 7	24 10	0 32	19 26	1 2	24 40	2 1	21 50	22 6	3 37		n.a.
S 27	14 17	12 16	2 29	19 51	1 52	12 58	7 42	24 27	0 44	8 54	1 50	18 10	1 7	24 11	0 32	19 26	1 2	24 40	2 1	21 51	22 7	3 40		n.a.
S 28	13 57	6 0	3 35	19 24	1 53	13 9	7 33	24 29	0 45	8 57	1 50	18 11	1 7	24 11	0 32	19 25	1 2	24 40	2 1	21 51	22 7	3 43		n.a.
M29	13 37	0s36	4 26	18 54	1 54	13 21	7 23	24 31	0 46	9 0	1 50	18 12	1 7	24 11	0 32	19 25	1 2	24 40	2 1	21 52	22 8	3 46		n.a.
T 30	13 17	7 8	4 59	18 22	1 54	13 32	7 14	24 33	0 47	9 3	1 50	18 12	1 6	24 11	0 32	19 24	1 2	24 40	2 1	21 53	22 8	3 49		n.a.
W31	12n57	13s11	5s12	17n49	1n53	13n43	7s 4	24n35	0n48	9s 6	1s50	18s13	1n 6	24s11	0s32	19n24	1n 2	24s40	2s 1	21s54	22s 9	3n52		n.a.

Julian Day Number = 1285892.5, Delta T = 08h03m46s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°32'02, Lahiri = -20°25'02 Julian Calendar 1 Aug. 1193 BCE == Greg. Calendar 21 July 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

SEPTEMBER 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 22	27♌19'18	5♏36	18♌41	29°R19	27♊ 5	11°R18	24♏50	7°R 6	8♌42	12°R28	22°R38	21♑ 6	28♓56	n.a.	T 1
F 2	22 1 19	28°18'49	19°40	20°27	29°D18	27°40	11♓10	24°52	7♑ 5	8°44	12♐28	22♑36	21° 3	29° 2	n.a.	F 2
S 3	22 5 15	29°18'22	3♐21	22°13	29♋19	28°14	11° 2	24°55	7° 3	8°46	12°28	22°D36	21° 0	29° 9	n.a.	S 3
S 4	22 9 12	0♍17'57	16°40	23°59	29°23	28°49	10°54	24°57	7° 2	8°48	12°28	22°37	20°57	29°16	n.a.	S 4
M 5	22 13 9	1°17'33	29°39	25°44	29°29	29°23	10°46	25° 0	7° 1	8°50	12°28	22°38	20°54	29°22	n.a.	M 5
T 6	22 17 5	2°17'12	12♑21	27°29	29°37	29°58	10°39	25° 2	7° 0	8°53	12°D28	22°40	20°50	29°29	n.a.	T 6
W 7	22 21 2	3°16'52	24°50	29°13	29°48	0♋32	10°31	25° 5	6°59	8°55	12°28	22°R40	20°47	29°36	n.a.	W 7
T 8	22 24 58	4°16'35	7♒ 7	0♍57	0♌ 0	1° 6	10°23	25° 7	6°58	8°57	12°28	22°39	20°44	29°43	n.a.	T 8
F 9	22 28 55	5°16'19	19°16	2°41	0°15	1°41	10°14	25°10	6°57	8°59	12°28	22°36	20°41	29°49	n.a.	F 9
S 10	22 32 51	6°16'06	1♓18	4°23	0°32	2°15	10° 6	25°13	6°56	9° 1	12°28	22°30	20°38	29°56	n.a.	S 10
S 11	22 36 48	7°15'54	13°15	6° 5	0°51	2°49	9°58	25°16	6°56	9° 3	12°28	22°23	20°34	0♈ 3	n.a.	S 11
M12	22 40 44	8°15'45	25° 9	7°47	1°11	3°22	9°50	25°19	6°55	9° 5	12°28	22°14	20°31	0° 9	n.a.	M12
T 13	22 44 41	9°15'38	7♈ 0	9°28	1°34	3°56	9°42	25°22	6°54	9° 7	12°28	22° 5	20°28	0°16	n.a.	T 13
W14	22 48 37	10°15'33	18°52	11° 8	1°58	4°30	9°34	25°26	6°53	9° 9	12°29	21°56	20°25	0°23	n.a.	W14
T 15	22 52 34	11°15'30	0♉46	12°48	2°24	5° 3	9°26	25°29	6°53	9°11	12°29	21°48	20°22	0°30	n.a.	T 15
F 16	22 56 31	12°15'29	12°45	14°27	2°52	5°37	9°18	25°32	6°52	9°13	12°29	21°42	20°19	0°36	n.a.	F 16
S 17	23 0 27	13°15'31	24°53	16° 6	3°21	6°10	9°10	25°36	6°52	9°15	12°29	21°37	20°15	0°43	n.a.	S 17
S 18	23 4 24	14°15'36	7♊14	17°44	3°52	6°43	9° 1	25°40	6°51	9°17	12°30	21°35	20°12	0°50	n.a.	S 18
M19	23 8 20	15°15'42	19°52	19°21	4°25	7°17	8°53	25°43	6°51	9°18	12°30	21°D35	20° 9	0°56	n.a.	M19
T 20	23 12 17	16°15'51	2♋52	20°58	4°59	7°50	8°45	25°47	6°50	9°20	12°31	21°36	20° 6	1° 3	n.a.	T 20
W21	23 16 13	17°16'02	16°18	22°34	5°34	8°22	8°37	25°51	6°50	9°22	12°31	21°R37	20° 3	1°10	n.a.	W21
T 22	23 20 10	18°16'15	0♌12	24°10	6°11	8°55	8°30	25°55	6°50	9°24	12°32	21°37	20° 0	1°17	n.a.	T 22
F 23	23 24 6	19°16'31	14°35	25°46	6°49	9°28	8°22	25°59	6°49	9°26	12°32	21°35	19°56	1°23	n.a.	F 23
S 24	23 28 3	20°16'49	29°24	27°21	7°28	10° 0	8°14	26° 3	6°49	9°28	12°33	21°30	19°53	1°30	n.a.	S 24
S 25	23 31 59	21°17'08	14♍32	28°55	8° 9	10°33	8° 6	26° 7	6°49	9°29	12°33	21°23	19°50	1°37	n.a.	S 25
M26	23 35 56	22°17'30	29°51	0♎29	8°50	11° 5	7°58	26°11	6°49	9°31	12°34	21°14	19°47	1°43	n.a.	M26
T 27	23 39 53	23°17'53	15♎ 9	2° 3	9°33	11°37	7°51	26°16	6°D49	9°33	12°34	21° 4	19°44	1°50	n.a.	T 27
W28	23 43 49	24°18'18	0♏14	3°36	10°17	12° 9	7°43	26°20	6°49	9°35	12°35	20°55	19°40	1°57	n.a.	W28
T 29	23 47 46	25°18'45	14°58	5° 9	11° 2	12°41	7°36	26°25	6°49	9°36	12°36	20°47	19°37	2° 4	n.a.	T 29
F 30	23 51 42	26♍19'13	29♏15	6♎42	11♌48	13♋13	7♓29	26♏29	6♑49	9♌38	12♐36	20♑42	19♑34	2♈10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n36	18s22	5s 4	17n15	1n52	13n54	6s53	24n37	0n49	9s 9	1s50	18s14	1n 6	24s11	0s32	19n23	1n 2	24s40	2s 1	21s54	22s 9	3n56		n.a.
F 2	12 15	22 23	4 38	16 39	1 50	14 4	6 43	24 39	0 50	9 12	1 51	18 14	1 6	24 11	0 32	19 22	1 2	24 40	2 1	21 54	22 10	3 59		n.a.
S 3	11 54	25 2	3 56	16 2	1 48	14 15	6 32	24 40	0 51	9 15	1 51	18 15	1 6	24 11	0 32	19 22	1 2	24 40	2 1	21 54	22 10	4 2		n.a.
S 4	11 33	26 12	3 3	15 24	1 45	14 24	6 21	24 42	0 52	9 18	1 51	18 16	1 5	24 11	0 32	19 21	1 2	24 40	2 1	21 54	22 11	4 5		n.a.
M 5	11 12	25 52	2 2	14 45	1 42	14 34	6 10	24 43	0 53	9 21	1 51	18 17	1 5	24 11	0 32	19 21	1 2	24 40	2 2	21 54	22 11	4 8		n.a.
T 6	10 50	24 11	0 56	14 5	1 38	14 43	5 59	24 44	0 54	9 24	1 51	18 17	1 5	24 11	0 32	19 20	1 2	24 40	2 2	21 54	22 11	4 11		n.a.
W 7	10 28	21 20	0n12	13 24	1 34	14 52	5 48	24 45	0 54	9 27	1 51	18 18	1 5	24 11	0 32	19 20	1 2	24 40	2 2	21 54	22 12	4 14		n.a.
T 8	10 6	17 33	1 18	12 43	1 30	15 1	5 36	24 45	0 55	9 30	1 51	18 19	1 5	24 11	0 32	19 19	1 2	24 40	2 2	21 54	22 12	4 17		n.a.
F 9	9 44	13 6	2 19	12 1	1 25	15 9	5 25	24 46	0 56	9 34	1 51	18 20	1 5	24 11	0 32	19 19	1 2	24 41	2 2	21 54	22 13	4 20		n.a.
S 10	9 22	8 11	3 13	11 18	1 20	15 16	5 14	24 46	0 57	9 37	1 51	18 21	1 4	24 11	0 32	19 18	1 2	24 41	2 2	21 55	22 13	4 23		n.a.
S 11	8 59	3 1	3 59	10 35	1 15	15 23	5 2	24 47	0 58	9 40	1 51	18 22	1 4	24 11	0 32	19 18	1 2	24 41	2 2	21 57	22 14	4 26		n.a.
M12	8 37	2n13	4 33	9 52	1 10	15 30	4 51	24 47	0 59	9 43	1 51	18 23	1 4	24 11	0 32	19 17	1 2	24 41	2 2	21 58	22 14	4 29		n.a.
T 13	8 14	7 21	4 56	9 8	1 4	15 36	4 40	24 47	1 0	9 46	1 51	18 23	1 4	24 11	0 32	19 17	1 2	24 41	2 2	22 0	22 15	4 32		n.a.
W14	7 51	12 13	5 6	8 25	0 59	15 41	4 29	24 47	1 1	9 49	1 51	18 24	1 4	24 11	0 32	19 16	1 2	24 41	2 2	22 1	22 15	4 35		n.a.
T 15	7 28	16 39	5 3	7 40	0 53	15 46	4 18	24 46	1 2	9 52	1 51	18 25	1 4	24 11	0 32	19 16	1 2	24 41	2 2	22 2	22 16	4 38		n.a.
F 16	7 4	20 27	4 46	6 56	0 47	15 50	4 7	24 46	1 3	9 55	1 51	18 26	1 3	24 11	0 32	19 15	1 2	24 41	2 2	22 3	22 16	4 41		n.a.
S 17	6 41	23 27	4 17	6 12	0 41	15 54	3 56	24 46	1 4	9 58	1 51	18 27	1 3	24 11	0 32	19 15	1 2	24 41	2 2	22 4	22 17	4 44		n.a.
S 18	6 18	25 25	3 35	5 27	0 34	15 57	3 45	24 45	1 5	10 2	1 51	18 28	1 3	24 11	0 32	19 14	1 3	24 41	2 2	22 4	22 17	4 46		n.a.
M19	5 54	26 8	2 42	4 43	0 28	16 0	3 35	24 44	1 6	10 5	1 51	18 29	1 3	24 11	0 32	19 14	1 3	24 41	2 2	22 4	22 18	4 49		n.a.
T 20	5 30	25 27	1 39	3 58	0 21	16 2	3 24	24 43	1 7	10 8	1 51	18 31	1 3	24 11	0 32	19 13	1 3	24 41	2 2	22 4	22 18	4 52		n.a.
W21	5 7	23 18	0 28	3 13	0 15	16 4	3 14	24 42	1 8	10 11	1 51	18 32	1 3	24 11	0 32	19 13	1 3	24 41	2 2	22 4	22 19	4 55		n.a.
T 22	4 43	19 42	0s46	2 29	0 8	16 4	3 4	24 41	1 9	10 13	1 51	18 33	1 2	24 11	0 32	19 12	1 3	24 41	2 2	22 4	22 19	4 58		n.a.
F 23	4 19	14 50	2 0	1 44	0 2	16 5	2 54	24 40	1 10	10 16	1 50	18 34	1 2	24 11	0 32	19 12	1 3	24 41	2 2	22 5	22 20	5 1		n.a.
S 24	3 55	8 57	3 7	1 0	0s 5	16 4	2 44	24 38	1 11	10 19	1 50	18 35	1 2	24 11	0 32	19 11	1 3	24 42	2 2	22 5	22 20	5 4		n.a.
S 25	3 31	2 27	4 4	0 16	0 11	16 3	2 34	24 37	1 12	10 22	1 50	18 36	1 2	24 11	0 32	19 11	1 3	24 42	2 2	22 6	22 21	5 7		n.a.
M26	3 6	4s15	4 43	0s28	0 18	16 2	2 24	24 35	1 13	10 25	1 50	18 37	1 2	24 11	0 32	19 10	1 3	24 42	2 2	22 8	22 21	5 10		n.a.
T 27	2 42	10 41	5 2	1 12	0 24	16 0	2 15	24 33	1 15	10 28	1 50	18 38	1 2	24 11	0 32	19 10	1 3	24 42	2 2	22 9	22 22	5 13		n.a.
W28	2 18	16 24	4 59	1 56	0 31	15 57	2 6	24 32	1 16	10 30	1 50	18 40	1 1	24 11	0 32	19 9	1 3	24 42	2 2	22 11	22 22	5 16		n.a.
T 29	1 54	21 0	4 37	2 39	0 38	15 53	1 56	24 30	1 17	10 33	1 50	18 41	1 1	24 11	0 32	19 9	1 3	24 42	2 2	22 12	22 23	5 19		n.a.
F 30	1n29	24s11	3s58	3s22	0s44	15n49	1s47	24n28	1n18	10s36	1s50	18s42	1n 1	24s11	0s32	19n 9	1n 3	24s42	2s 2	22s13	22s23	5n22		n.a.

Julian Day Number = 1285923.5, Delta T = 08h03m45s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'58, Lahiri = -20°24'57 Julian Calendar 1 Sept. 1193 BCE == Greg. Calendar 21 Aug. 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

OCTOBER 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 39	27♍19'43	13♐ 3	8♎14	12♌34	13♋44	7°R21	26♏34	6♑49	9♌40	12♐37	20°R39	19♑31	2♈17	n.a.	S 1
S 2	23 59 35	28°20'14	26°23	9°46	13°22	14°16	7♓14	26°39	6°50	9°41	12°38	20°D38	19°28	2°24	n.a.	S 2
M 3	0 3 32	29°20'47	9♑18	11°17	14°11	14°47	7° 7	26°43	6°50	9°43	12°39	20♑38	19°25	2°30	n.a.	M 3
T 4	0 7 28	0♎21'22	21°53	12°48	15° 0	15°18	7° 1	26°48	6°50	9°44	12°39	20°R38	19°21	2°37	n.a.	T 4
W 5	0 11 25	1°21'57	4♒12	14°19	15°50	15°49	6°54	26°53	6°51	9°46	12°40	20°37	19°18	2°44	n.a.	W 5
T 6	0 15 22	2°22'34	16°19	15°49	16°41	16°20	6°47	26°58	6°51	9°47	12°41	20°34	19°15	2°51	n.a.	T 6
F 7	0 19 18	3°23'13	28°18	17°19	17°33	16°51	6°41	27° 3	6°51	9°49	12°42	20°29	19°12	2°57	n.a.	F 7
S 8	0 23 15	4°23'52	10♓13	18°49	18°26	17°22	6°34	27° 8	6°52	9°50	12°43	20°20	19° 9	3° 4	n.a.	S 8
S 9	0 27 11	5°24'34	22° 6	20°18	19°19	17°52	6°28	27°13	6°53	9°52	12°44	20° 8	19° 5	3°11	n.a.	S 9
M10	0 31 8	6°25'17	3♈58	21°47	20°13	18°22	6°22	27°19	6°53	9°53	12°45	19°55	19° 2	3°17	n.a.	M10
T 11	0 35 4	7°26'01	15°51	23°15	21° 8	18°52	6°16	27°24	6°54	9°55	12°46	19°40	18°59	3°24	n.a.	T 11
W12	0 39 1	8°26'47	27°46	24°43	22° 3	19°22	6°10	27°29	6°55	9°56	12°47	19°26	18°56	3°31	n.a.	W12
T 13	0 42 57	9°27'34	9♉45	26°10	22°59	19°52	6° 5	27°35	6°55	9°57	12°48	19°13	18°53	3°38	n.a.	T 13
F 14	0 46 54	10°28'23	21°49	27°37	23°56	20°22	5°59	27°40	6°56	9°59	12°49	19° 2	18°50	3°44	n.a.	F 14
S 15	0 50 51	11°29'14	4♊ 1	29° 3	24°53	20°51	5°54	27°46	6°57	10° 0	12°50	18°54	18°46	3°51	n.a.	S 15
S 16	0 54 47	12°30'06	16°23	0♏29	25°50	21°21	5°49	27°51	6°58	10° 1	12°51	18°49	18°43	3°58	n.a.	S 16
M17	0 58 44	13°31'00	28°59	1°53	26°49	21°50	5°44	27°57	6°59	10° 3	12°52	18°47	18°40	4° 4	n.a.	M17
T 18	1 2 40	14°31'56	11♋54	3°17	27°47	22°19	5°39	28° 3	7° 0	10° 4	12°54	18°47	18°37	4°11	n.a.	T 18
W19	1 6 37	15°32'53	25°10	4°40	28°47	22°47	5°35	28° 8	7° 1	10° 5	12°55	18°47	18°34	4°18	n.a.	W19
T 20	1 10 33	16°33'52	8♌52	6° 1	29°46	23°16	5°30	28°14	7° 2	10° 6	12°56	18°46	18°31	4°25	n.a.	T 20
F 21	1 14 30	17°34'52	23° 2	7°22	0♍47	23°44	5°26	28°20	7° 3	10° 7	12°57	18°43	18°27	4°31	n.a.	F 21
S 22	1 18 26	18°35'53	7♍39	8°40	1°47	24°12	5°22	28°26	7° 5	10° 8	12°59	18°37	18°24	4°38	n.a.	S 22
S 23	1 22 23	19°36'56	22°38	9°57	2°49	24°40	5°18	28°32	7° 6	10° 9	13° 0	18°29	18°21	4°45	n.a.	S 23
M24	1 26 20	20°38'00	7♎52	11°12	3°50	25° 8	5°15	28°38	7° 7	10°10	13° 1	18°18	18°18	4°52	n.a.	M24
T 25	1 30 16	21°39'05	23°11	12°25	4°52	25°35	5°11	28°44	7° 9	10°11	13° 2	18° 6	18°15	4°58	n.a.	T 25
W26	1 34 13	22°40'12	8♏23	13°35	5°54	26° 2	5° 8	28°50	7°10	10°12	13° 4	17°54	18°11	5° 5	n.a.	W26
T 27	1 38 9	23°41'19	23°17	14°41	6°57	26°30	5° 5	28°56	7°12	10°13	13° 5	17°44	18° 8	5°12	n.a.	T 27
F 28	1 42 6	24°42'27	7♐46	15°44	8° 0	26°56	5° 2	29° 3	7°13	10°14	13° 7	17°37	18° 5	5°18	n.a.	F 28
S 29	1 46 2	25°43'36	21°44	16°44	9° 4	27°23	4°59	29° 9	7°15	10°15	13° 8	17°32	18° 2	5°25	n.a.	S 29
S 30	1 49 59	26°44'46	5♑13	17°38	10° 7	27°49	4°57	29°15	7°16	10°16	13°10	17°30	17°59	5°32	n.a.	S 30
M31	1 53 55	27♎45'56	18♑13	18♏27	11♍11	28♋15	4♓55	29♏22	7♑18	10♌16	13♐11	17°D30	17♑56	5♈39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n 5	25s49	3s 6	4s 5	0s50	15n45	1s38	24n25	1n19	10s38	1s49	18s43	1n 1	24s11	0s32	19n 8	1n 3	24s42	2s 2	22s13	22s23	5n25		n.a.
S 2	0 40	25 52	2 5	4 48	0 57	15 39	1 30	24 23	1 20	10 41	1 49	18 45	1 1	24 11	0 32	19 8	1 3	24 43	2 2	22 13	22 24	5 28		n.a.
M 3	0 16	24 30	1 0	5 30	1 3	15 33	1 21	24 21	1 21	10 43	1 49	18 46	1 1	24 11	0 32	19 7	1 3	24 43	2 2	22 13	22 24	5 31		n.a.
T 4	0s 9	21 55	0n 7	6 12	1 9	15 27	1 13	24 18	1 22	10 46	1 49	18 47	1 0	24 11	0 32	19 7	1 3	24 43	2 2	22 13	22 25	5 34		n.a.
W 5	0 33	18 22	1 11	6 53	1 15	15 20	1 5	24 16	1 23	10 48	1 49	18 48	1 0	24 11	0 32	19 7	1 3	24 43	2 2	22 13	22 25	5 37		n.a.
T 6	0 58	14 7	2 12	7 34	1 21	15 12	0 57	24 13	1 25	10 50	1 49	18 50	1 0	24 11	0 32	19 6	1 3	24 43	2 2	22 14	22 26	5 40		n.a.
F 7	1 22	9 22	3 5	8 15	1 27	15 3	0 49	24 10	1 26	10 53	1 48	18 51	1 0	24 11	0 32	19 6	1 3	24 43	2 2	22 15	22 26	5 43		n.a.
S 8	1 47	4 19	3 50	8 55	1 33	14 54	0 41	24 7	1 27	10 55	1 48	18 52	1 0	24 11	0 32	19 6	1 3	24 43	2 2	22 16	22 27	5 46		n.a.
S 9	2 11	0n52	4 25	9 34	1 38	14 45	0 33	24 5	1 28	10 57	1 48	18 54	1 0	24 11	0 32	19 5	1 3	24 44	2 3	22 18	22 27	5 49		n.a.
M10	2 35	6 0	4 48	10 13	1 44	14 35	0 26	24 2	1 29	10 59	1 48	18 55	1 0	24 11	0 32	19 5	1 3	24 44	2 3	22 20	22 28	5 52		n.a.
T 11	3 0	10 55	4 59	10 52	1 49	14 24	0 19	23 59	1 30	11 1	1 47	18 56	0 59	24 11	0 32	19 4	1 3	24 44	2 3	22 22	22 28	5 55		n.a.
W12	3 24	15 27	4 57	11 29	1 54	14 12	0 12	23 55	1 32	11 3	1 47	18 58	0 59	24 11	0 31	19 4	1 3	24 44	2 3	22 24	22 28	5 57		n.a.
T 13	3 48	19 24	4 41	12 6	1 58	14 0	0 5	23 52	1 33	11 5	1 47	18 59	0 59	24 11	0 31	19 4	1 3	24 44	2 3	22 26	22 29	6 0		n.a.
F 14	4 13	22 35	4 13	12 42	2 3	13 48	0n 2	23 49	1 34	11 7	1 47	19 1	0 59	24 11	0 31	19 3	1 3	24 44	2 3	22 28	22 29	6 3		n.a.
S 15	4 37	24 47	3 33	13 18	2 7	13 35	0 9	23 46	1 35	11 9	1 47	19 2	0 59	24 10	0 31	19 3	1 4	24 45	2 3	22 29	22 30	6 6		n.a.
S 16	5 1	25 49	2 42	13 52	2 11	13 21	0 15	23 42	1 37	11 10	1 46	19 3	0 59	24 10	0 31	19 3	1 4	24 45	2 3	22 29	22 30	6 9		n.a.
M17	5 25	25 33	1 43	14 25	2 14	13 7	0 21	23 39	1 38	11 12	1 46	19 5	0 59	24 10	0 31	19 3	1 4	24 45	2 3	22 30	22 31	6 12		n.a.
T 18	5 49	23 54	0 36	14 58	2 18	12 52	0 27	23 35	1 39	11 13	1 46	19 6	0 59	24 10	0 31	19 2	1 4	24 45	2 3	22 30	22 31	6 15		n.a.
W19	6 13	20 54	0s34	15 29	2 20	12 37	0 33	23 32	1 40	11 15	1 45	19 8	0 58	24 10	0 31	19 2	1 4	24 45	2 3	22 30	22 32	6 18		n.a.
T 20	6 37	16 40	1 44	15 59	2 23	12 21	0 39	23 28	1 42	11 16	1 45	19 9	0 58	24 10	0 31	19 2	1 4	24 45	2 3	22 30	22 32	6 21		n.a.
F 21	7 1	11 23	2 50	16 28	2 25	12 4	0 45	23 24	1 43	11 18	1 45	19 11	0 58	24 10	0 31	19 1	1 4	24 46	2 3	22 30	22 33	6 24		n.a.
S 22	7 24	5 20	3 47	16 56	2 26	11 47	0 50	23 21	1 44	11 19	1 45	19 12	0 58	24 10	0 31	19 1	1 4	24 46	2 3	22 31	22 33	6 27		n.a.
S 23	7 48	1s 9	4 30	17 21	2 27	11 30	0 55	23 17	1 46	11 20	1 44	19 13	0 58	24 10	0 31	19 1	1 4	24 46	2 3	22 32	22 33	6 30		n.a.
M24	8 11	7 41	4 55	17 46	2 27	11 12	1 0	23 13	1 47	11 21	1 44	19 15	0 58	24 10	0 31	19 1	1 4	24 46	2 3	22 34	22 34	6 32		n.a.
T 25	8 35	13 46	4 59	18 8	2 27	10 54	1 5	23 9	1 48	11 22	1 44	19 16	0 58	24 10	0 31	19 0	1 4	24 47	2 3	22 35	22 34	6 35		n.a.
W26	8 58	18 57	4 41	18 29	2 26	10 35	1 10	23 5	1 50	11 23	1 43	19 18	0 57	24 10	0 31	19 0	1 4	24 47	2 3	22 37	22 35	6 38		n.a.
T 27	9 21	22 51	4 5	18 48	2 24	10 16	1 15	23 1	1 51	11 24	1 43	19 19	0 57	24 9	0 31	19 0	1 4	24 47	2 3	22 38	22 35	6 41		n.a.
F 28	9 44	25 9	3 13	19 4	2 21	9 56	1 19	22 57	1 53	11 25	1 43	19 21	0 57	24 9	0 31	19 0	1 4	24 47	2 3	22 39	22 36	6 44		n.a.
S 29	10 6	25 46	2 12	19 18	2 17	9 36	1 24	22 54	1 54	11 25	1 43	19 22	0 57	24 9	0 31	19 0	1 4	24 47	2 3	22 40	22 36	6 47		n.a.
S 30	10 29	24 48	1 5	19 29	2 13	9 15	1 28	22 50	1 55	11 26	1 42	19 24	0 57	24 9	0 31	18 59	1 4	24 48	2 3	22 40	22 36	6 50		n.a.
M31	10s51	22s31	0n 4	19s38	2s 7	8n54	1n32	22n46	1n57	11s27	1s42	19s25	0n57	24s 9	0s31	18n59	1n 4	24s48	2s 3	22s40	22s37	6n53		n.a.

Julian Day Number = 1285953.5, Delta T = 08h03m43s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'54, Lahiri = -20°24'53 Julian Calendar 1 Oct. 1193 BCE == Greg. Calendar 20 Sept. 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

NOVEMBER 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 52	28♎47'06	0♒50	19♏10	12♍16	28♋41	4°R53	29♏28	7♑20	10♘17	13♐12	17°R30	17♑52	5♈45	n.a.	T 1
W 2	2 1 49	29°48'17	13° 8	19°46	13°21	29° 7	4♓51	29°34	7°21	10°18	13°14	17♑29	17°49	5°52	n.a.	W 2
T 3	2 5 45	0♏49'28	25°13	20°15	14°26	29°32	4°49	29°41	7°23	10°19	13°16	17°27	17°46	5°59	n.a.	T 3
F 4	2 9 42	1°50'40	7♓ 9	20°34	15°31	29°57	4°48	29°47	7°25	10°19	13°17	17°22	17°43	6° 5	n.a.	F 4
S 5	2 13 38	2°51'53	19° 0	20°45	16°37	0♘22	4°47	29°54	7°27	10°20	13°19	17°14	17°40	6°12	n.a.	S 5
S 6	2 17 35	3°53'05	0♈51	20°R45	17°42	0°46	4°46	0♐ 1	7°29	10°21	13°20	17° 3	17°37	6°19	n.a.	S 6
M 7	2 21 31	4°54'18	12°44	20°34	18°49	1°11	4°45	0° 7	7°31	10°21	13°22	16°50	17°33	6°26	n.a.	M 7
T 8	2 25 28	5°55'32	24°40	20°11	19°55	1°34	4°44	0°14	7°33	10°22	13°23	16°36	17°30	6°32	n.a.	T 8
W 9	2 29 24	6°56'46	6♉42	19°37	21° 2	1°58	4°44	0°20	7°35	10°22	13°25	16°22	17°27	6°39	n.a.	W 9
T 10	2 33 21	7°58'01	18°50	18°52	22° 9	2°22	4°D44	0°27	7°37	10°23	13°27	16°10	17°24	6°46	n.a.	T 10
F 11	2 37 18	8°59'16	1♊ 5	17°55	23°16	2°45	4°44	0°34	7°39	10°23	13°28	15°59	17°21	6°53	n.a.	F 11
S 12	2 41 14	10° 0'31	13°29	16°50	24°23	3° 7	4°44	0°41	7°41	10°23	13°30	15°52	17°17	6°59	n.a.	S 12
S 13	2 45 11	11° 1'48	26° 2	15°36	25°31	3°30	4°44	0°47	7°44	10°24	13°32	15°47	17°14	7° 6	n.a.	S 13
M14	2 49 7	12° 3'04	8♋47	14°17	26°38	3°52	4°45	0°54	7°46	10°24	13°34	15°45	17°11	7°13	n.a.	M14
T 15	2 53 4	13° 4'21	21°45	12°55	27°46	4°14	4°46	1° 1	7°48	10°24	13°35	15°D45	17° 8	7°19	n.a.	T 15
W16	2 57 0	14° 5'39	5♌ 1	11°33	28°55	4°35	4°47	1° 8	7°50	10°25	13°37	15°46	17° 5	7°26	n.a.	W16
T 17	3 0 57	15° 6'57	18°37	10°13	0♎ 3	4°56	4°48	1°15	7°53	10°25	13°39	15°R46	17° 2	7°33	n.a.	T 17
F 18	3 4 54	16° 8'15	2♍34	8°59	1°12	5°17	4°50	1°22	7°55	10°25	13°41	15°45	16°58	7°40	n.a.	F 18
S 19	3 8 50	17° 9'34	16°52	7°52	2°20	5°37	4°51	1°29	7°58	10°25	13°42	15°41	16°55	7°46	n.a.	S 19
S 20	3 12 47	18°10'53	1♎30	6°53	3°29	5°57	4°53	1°36	8° 0	10°25	13°44	15°36	16°52	7°53	n.a.	S 20
M21	3 16 43	19°12'13	16°24	6° 4	4°39	6°17	4°55	1°42	8° 3	10°25	13°46	15°28	16°49	8° 0	n.a.	M21
T 22	3 20 40	20°13'32	1♏24	5°26	5°48	6°36	4°58	1°49	8° 5	10°25	13°48	15°19	16°46	8° 6	n.a.	T 22
W23	3 24 36	21°14'52	16°22	4°58	6°57	6°55	5° 0	1°56	8° 8	10°R25	13°50	15°10	16°42	8°13	n.a.	W23
T 24	3 28 33	22°16'12	1♐ 9	4°40	8° 7	7°13	5° 3	2° 3	8°10	10°25	13°51	15° 2	16°39	8°20	n.a.	T 24
F 25	3 32 29	23°17'31	15°36	4°D32	9°17	7°31	5° 6	2°10	8°13	10°25	13°53	14°56	16°36	8°27	n.a.	F 25
S 26	3 36 26	24°18'51	29°38	4°33	10°26	7°49	5° 9	2°17	8°16	10°25	13°55	14°53	16°33	8°33	n.a.	S 26
S 27	3 40 23	25°20'09	13♑12	4°43	11°36	8° 6	5°12	2°25	8°19	10°25	13°57	14°D51	16°30	8°40	n.a.	S 27
M28	3 44 19	26°21'28	26°20	5° 1	12°46	8°23	5°16	2°32	8°21	10°25	13°59	14°52	16°27	8°47	n.a.	M28
T 29	3 48 16	27°22'45	9♒ 3	5°27	13°57	8°39	5°19	2°39	8°24	10°25	14° 1	14°53	16°23	8°54	n.a.	T 29
W30	3 52 12	28♏24'02	21♒26	5♏58	15♎ 7	8♘55	5♓23	2♐46	8♑27	10♘24	14♐ 3	14♑54	16♑20	9♈ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s13	19s10	1n10	19s44	2s 0	8n33	1n36	22n42	1n58	11s27	1s42	19s27	0n57	24s 9	0s31	18n59	1n 4	24s48	2s 3	22s40	22s37	6n56		n.a.
W 2	11 35	15 3	2 11	19 46	1 52	8 11	1 40	22 38	2 0	11 27	1 41	19 28	0 57	24 9	0 31	18 59	1 4	24 48	2 3	22 40	22 38	6 58		n.a.
T 3	11 57	10 25	3 5	19 44	1 42	7 49	1 43	22 34	2 1	11 28	1 41	19 30	0 57	24 9	0 31	18 59	1 4	24 49	2 3	22 41	22 38	7 1		n.a.
F 4	12 19	5 28	3 51	19 39	1 31	7 26	1 47	22 30	2 3	11 28	1 41	19 31	0 56	24 9	0 31	18 59	1 4	24 49	2 4	22 41	22 39	7 4		n.a.
S 5	12 40	0 21	4 26	19 30	1 19	7 3	1 50	22 26	2 4	11 28	1 40	19 33	0 56	24 8	0 31	18 59	1 4	24 49	2 4	22 42	22 39	7 7		n.a.
S 6	13 1	4n45	4 49	19 17	1 5	6 40	1 53	22 22	2 6	11 28	1 40	19 34	0 56	24 8	0 31	18 58	1 5	24 49	2 4	22 44	22 39	7 10		n.a.
M 7	13 22	9 42	5 0	18 59	0 50	6 16	1 56	22 18	2 7	11 28	1 40	19 36	0 56	24 8	0 31	18 58	1 5	24 50	2 4	22 45	22 40	7 13		n.a.
T 8	13 43	14 19	4 58	18 37	0 33	5 52	1 59	22 14	2 9	11 28	1 39	19 37	0 56	24 8	0 31	18 58	1 5	24 50	2 4	22 47	22 40	7 16		n.a.
W 9	14 3	18 24	4 42	18 10	0 15	5 28	2 1	22 10	2 11	11 28	1 39	19 39	0 56	24 8	0 31	18 58	1 5	24 50	2 4	22 49	22 41	7 19		n.a.
T 10	14 24	21 46	4 14	17 39	0n 4	5 4	2 4	22 6	2 12	11 28	1 39	19 40	0 56	24 8	0 31	18 58	1 5	24 50	2 4	22 50	22 41	7 21		n.a.
F 11	14 44	24 12	3 34	17 4	0 24	4 39	2 6	22 2	2 14	11 27	1 38	19 42	0 56	24 8	0 31	18 58	1 5	24 51	2 4	22 52	22 41	7 24		n.a.
S 12	15 4	25 29	2 43	16 26	0 45	4 14	2 9	21 59	2 15	11 27	1 38	19 44	0 56	24 7	0 31	18 58	1 5	24 51	2 4	22 53	22 42	7 27		n.a.
S 13	15 23	25 30	1 43	15 45	1 5	3 48	2 11	21 55	2 17	11 26	1 38	19 45	0 56	24 7	0 31	18 58	1 5	24 51	2 4	22 53	22 42	7 30		n.a.
M14	15 42	24 10	0 37	15 2	1 25	3 23	2 13	21 51	2 19	11 26	1 37	19 47	0 55	24 7	0 31	18 58	1 5	24 51	2 4	22 53	22 43	7 33		n.a.
T 15	16 1	21 31	0s32	14 20	1 44	2 57	2 15	21 47	2 20	11 25	1 37	19 48	0 55	24 7	0 31	18 58	1 5	24 52	2 4	22 53	22 43	7 36		n.a.
W16	16 20	17 42	1 41	13 38	2 1	2 31	2 16	21 44	2 22	11 25	1 37	19 50	0 55	24 7	0 31	18 58	1 5	24 52	2 4	22 53	22 44	7 39		n.a.
T 17	16 38	12 52	2 46	12 58	2 17	2 5	2 18	21 40	2 24	11 24	1 36	19 51	0 55	24 7	0 31	18 58	1 5	24 52	2 4	22 53	22 44	7 41		n.a.
F 18	16 56	7 16	3 43	12 22	2 30	1 38	2 19	21 37	2 26	11 23	1 36	19 53	0 55	24 7	0 31	18 58	1 5	24 53	2 4	22 53	22 44	7 44		n.a.
S 19	17 14	1 10	4 27	11 49	2 41	1 12	2 21	21 33	2 27	11 22	1 36	19 54	0 55	24 6	0 31	18 58	1 5	24 53	2 4	22 54	22 45	7 47		n.a.
S 20	17 32	5s 7	4 56	11 22	2 50	0 45	2 22	21 30	2 29	11 21	1 35	19 56	0 55	24 6	0 31	18 58	1 5	24 53	2 4	22 55	22 45	7 50		n.a.
M21	17 49	11 13	5 5	10 59	2 57	0 18	2 23	21 27	2 31	11 20	1 35	19 57	0 55	24 6	0 31	18 58	1 5	24 53	2 4	22 55	22 46	7 53		n.a.
T 22	18 6	16 43	4 53	10 42	3 1	0s 9	2 24	21 23	2 33	11 19	1 35	19 59	0 55	24 6	0 31	18 58	1 5	24 54	2 4	22 57	22 46	7 56		n.a.
W23	18 22	21 10	4 21	10 31	3 4	0 36	2 24	21 20	2 34	11 17	1 34	20 0	0 55	24 6	0 31	18 58	1 5	24 54	2 5	22 58	22 46	7 58		n.a.
T 24	18 38	24 11	3 32	10 24	3 4	1 3	2 25	21 17	2 36	11 16	1 34	20 2	0 55	24 5	0 31	18 58	1 5	24 54	2 5	22 58	22 47	8 1		n.a.
F 25	18 54	25 32	2 30	10 22	3 4	1 31	2 26	21 14	2 38	11 15	1 34	20 3	0 54	24 5	0 31	18 58	1 5	24 55	2 5	22 59	22 47	8 4		n.a.
S 26	19 10	25 11	1 21	10 25	3 1	1 58	2 26	21 12	2 40	11 13	1 33	20 5	0 54	24 5	0 31	18 58	1 5	24 55	2 5	22 59	22 48	8 7		n.a.
S 27	19 25	23 19	0 9	10 31	2 58	2 25	2 26	21 9	2 42	11 12	1 33	20 6	0 54	24 5	0 31	18 58	1 6	24 55	2 5	23 0	22 48	8 10		n.a.
M28	19 40	20 14	1n 1	10 41	2 54	2 53	2 27	21 6	2 44	11 10	1 33	20 8	0 54	24 5	0 31	18 58	1 6	24 55	2 5	23 0	22 48	8 12		n.a.
T 29	19 54	16 15	2 7	10 55	2 48	3 21	2 27	21 4	2 46	11 8	1 32	20 9	0 54	24 5	0 31	18 58	1 6	24 56	2 5	22 59	22 49	8 15		n.a.
W30	20s 8	11s41	3n 4	11s11	2n42	3s48	2n27	21n 1	2n48	11s 7	1s32	20s11	0n54	24s 4	0s31	18n58	1n 6	24s56	2s 5	22s59	22s49	8n18		n.a.

Julian Day Number = 1285984.5, Delta T = 08h03m41s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'50, Lahiri = -20°24'49 Julian Calendar 1 Nov. 1193 BCE == Greg. Calendar 21 Oct. 1193 BCE

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ASTRODIENST EPHEMERIS for the year 1193 BCE
geocentric

DECEMBER 1193 BCE (-1192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 9	29♏25'18	3♓34	6♏36	16♎17	9♌10	5♓27	2♐53	8♑30	10°R24	14♐ 5	14°R55	16♑17	9♈ 7	n.a.	T 1
F 2	4 0 5	0♐26'34	15°31	7°19	17°28	9°25	5°32	3° 0	8°33	10♌24	14° 7	14♑53	16°14	9°14	n.a.	F 2
S 3	4 4 2	1°27'49	27°23	8° 7	18°39	9°39	5°36	3° 7	8°36	10°24	14° 9	14°50	16°11	9°20	n.a.	S 3
S 4	4 7 59	2°29'03	9♈14	8°58	19°49	9°53	5°41	3°14	8°38	10°23	14°10	14°44	16° 8	9°27	n.a.	S 4
M 5	4 11 55	3°30'16	21° 8	9°54	21° 0	10° 6	5°46	3°21	8°41	10°23	14°12	14°37	16° 4	9°34	n.a.	M 5
T 6	4 15 52	4°31'29	3♉ 9	10°53	22°11	10°19	5°51	3°28	8°44	10°22	14°14	14°30	16° 1	9°41	n.a.	T 6
W 7	4 19 48	5°32'40	15°18	11°55	23°22	10°31	5°56	3°35	8°47	10°22	14°16	14°22	15°58	9°47	n.a.	W 7
T 8	4 23 45	6°33'51	27°37	13° 0	24°34	10°43	6° 1	3°42	8°50	10°21	14°18	14°15	15°55	9°54	n.a.	T 8
F 9	4 27 41	7°35'02	10♊ 6	14° 7	25°45	10°54	6° 7	3°49	8°54	10°21	14°20	14° 9	15°52	10° 1	n.a.	F 9
S 10	4 31 38	8°36'11	22°47	15°17	26°56	11° 5	6°12	3°56	8°57	10°20	14°22	14° 5	15°48	10° 8	n.a.	S 10
S 11	4 35 34	9°37'20	5♋40	16°28	28° 8	11°15	6°18	4° 4	9° 0	10°20	14°24	14° 3	15°45	10°14	n.a.	S 11
M12	4 39 31	10°38'29	18°44	17°42	29°19	11°24	6°24	4°11	9° 3	10°19	14°26	14°D 3	15°42	10°21	n.a.	M12
T 13	4 43 28	11°39'36	2♌ 0	18°57	0♏31	11°33	6°31	4°18	9° 6	10°18	14°28	14° 4	15°39	10°28	n.a.	T 13
W14	4 47 24	12°40'43	15°29	20°13	1°42	11°41	6°37	4°25	9° 9	10°18	14°30	14° 6	15°36	10°34	n.a.	W14
T 15	4 51 21	13°41'49	29°11	21°31	2°54	11°49	6°44	4°32	9°12	10°17	14°32	14° 7	15°33	10°41	n.a.	T 15
F 16	4 55 17	14°42'54	13♍ 6	22°50	4° 6	11°56	6°50	4°39	9°16	10°16	14°34	14°R 8	15°29	10°48	n.a.	F 16
S 17	4 59 14	15°43'59	27°14	24°11	5°18	12° 2	6°57	4°46	9°19	10°15	14°36	14° 7	15°26	10°55	n.a.	S 17
S 18	5 3 10	16°45'03	11♎33	25°32	6°30	12° 7	7° 4	4°53	9°22	10°15	14°38	14° 6	15°23	11° 1	n.a.	S 18
M19	5 7 7	17°46'06	26° 1	26°55	7°42	12°12	7°11	5° 0	9°25	10°14	14°40	14° 3	15°20	11° 8	n.a.	M19
T 20	5 11 4	18°47'09	10♏33	28°19	8°54	12°17	7°19	5° 7	9°29	10°13	14°42	13°59	15°17	11°15	n.a.	T 20
W21	5 15 0	19°48'10	25° 3	29°43	10° 6	12°20	7°26	5°14	9°32	10°12	14°44	13°55	15°14	11°21	n.a.	W21
T 22	5 18 57	20°49'11	9♐26	1♑ 9	11°18	12°23	7°34	5°20	9°35	10°11	14°46	13°52	15°10	11°28	n.a.	T 22
F 23	5 22 53	21°50'10	23°34	2°35	12°30	12°25	7°42	5°27	9°39	10°10	14°48	13°50	15° 7	11°35	n.a.	F 23
S 24	5 26 50	22°51'08	7♑25	4° 3	13°43	12°27	7°50	5°34	9°42	10° 9	14°50	13°D49	15° 4	11°42	n.a.	S 24
S 25	5 30 46	23°52'05	20°54	5°31	14°55	12°R27	7°58	5°41	9°45	10° 8	14°52	13°49	15° 1	11°48	n.a.	S 25
M26	5 34 43	24°53'00	4♒ 2	7° 0	16° 7	12°27	8° 6	5°48	9°49	10° 7	14°54	13°50	14°58	11°55	n.a.	M26
T 27	5 38 40	25°53'53	16°47	8°30	17°20	12°26	8°15	5°55	9°52	10° 6	14°55	13°51	14°54	12° 2	n.a.	T 27
W28	5 42 36	26°54'45	29°14	10° 0	18°32	12°25	8°23	6° 2	9°55	10° 5	14°57	13°53	14°51	12° 9	n.a.	W28
T 29	5 46 33	27°55'36	11♓26	11°32	19°45	12°23	8°32	6° 8	9°59	10° 4	14°59	13°54	14°48	12°15	n.a.	T 29
F 30	5 50 29	28°56'24	23°26	13° 4	20°57	12°19	8°41	6°15	10° 2	10° 3	15° 1	13°54	14°45	12°22	n.a.	F 30
S 31	5 54 26	29♐57'11	5♈20	14♐37	22♏10	12♌16	8♓50	6♐22	10♑ 6	10♌ 2	15♐ 3	13°R54	14♑42	12♈29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s22	6s46	3n52	11s29	2n36	4s16	2n26	20n59	2n50	11s 5	1s32	20s12	0n54	24s 4	0s31	18n59	1n 6	24s56	2s 5	22s59	22s50	8n21		n.a.	T 1
F 2	20 35	1 40	4 29	11 50	2 29	4 43	2 26	20 57	2 52	11 3	1 31	20 13	0 54	24 4	0 31	18 59	1 6	24 57	2 5	22 59	22 50	8 24		n.a.	F 2
S 3	20 48	3n26	4 55	12 13	2 22	5 11	2 26	20 55	2 54	11 1	1 31	20 15	0 54	24 4	0 31	18 59	1 6	24 57	2 5	23 0	22 50	8 26		n.a.	S 3
S 4	21 0	8 25	5 7	12 37	2 14	5 38	2 25	20 53	2 56	10 59	1 31	20 16	0 54	24 4	0 31	18 59	1 6	24 57	2 5	23 0	22 51	8 29		n.a.	S 4
M 5	21 12	13 6	5 7	13 2	2 6	6 6	2 25	20 51	2 58	10 57	1 30	20 18	0 54	24 3	0 31	18 59	1 6	24 58	2 5	23 1	22 51	8 32		n.a.	M 5
T 6	21 24	17 20	4 53	13 29	1 58	6 33	2 24	20 50	3 0	10 55	1 30	20 19	0 54	24 3	0 31	18 59	1 6	24 58	2 5	23 2	22 51	8 35		n.a.	T 6
W 7	21 35	20 55	4 25	13 56	1 50	7 1	2 23	20 48	3 2	10 52	1 30	20 21	0 54	24 3	0 31	19 0	1 6	24 58	2 6	23 3	22 52	8 38		n.a.	W 7
T 8	21 46	23 36	3 45	14 24	1 41	7 28	2 22	20 47	3 4	10 50	1 29	20 22	0 53	24 3	0 31	19 0	1 6	24 58	2 6	23 4	22 52	8 40		n.a.	T 8
F 9	21 56	25 12	2 54	14 52	1 33	7 55	2 21	20 46	3 6	10 48	1 29	20 23	0 53	24 3	0 31	19 0	1 6	24 59	2 6	23 4	22 53	8 43		n.a.	F 9
S 10	22 6	25 31	1 53	15 21	1 24	8 22	2 20	20 45	3 8	10 45	1 29	20 25	0 53	24 2	0 31	19 0	1 6	24 59	2 6	23 5	22 53	8 46		n.a.	S 10
S 11	22 16	24 28	0 46	15 50	1 16	8 49	2 19	20 44	3 10	10 43	1 28	20 26	0 53	24 2	0 31	19 0	1 6	24 59	2 6	23 5	22 53	8 49		n.a.	S 11
M12	22 25	22 5	0s26	16 19	1 7	9 16	2 18	20 44	3 13	10 40	1 28	20 28	0 53	24 2	0 31	19 0	1 6	25 0	2 6	23 5	22 54	8 51		n.a.	M12
T 13	22 33	18 28	1 37	16 48	0 59	9 43	2 16	20 43	3 15	10 38	1 28	20 29	0 53	24 2	0 31	19 1	1 6	25 0	2 6	23 5	22 54	8 54		n.a.	T 13
W14	22 42	13 52	2 43	17 17	0 50	10 9	2 15	20 43	3 17	10 35	1 28	20 30	0 53	24 1	0 31	19 1	1 6	25 0	2 6	23 5	22 54	8 57		n.a.	W14
T 15	22 49	8 29	3 42	17 46	0 42	10 36	2 13	20 43	3 19	10 32	1 27	20 32	0 53	24 1	0 31	19 1	1 6	25 1	2 6	23 4	22 55	9 0		n.a.	T 15
F 16	22 57	2 37	4 29	18 15	0 34	11 2	2 12	20 43	3 21	10 29	1 27	20 33	0 53	24 1	0 31	19 1	1 6	25 1	2 6	23 4	22 55	9 3		n.a.	F 16
S 17	23 4	3s27	5 0	18 43	0 26	11 28	2 10	20 43	3 24	10 26	1 27	20 34	0 53	24 1	0 31	19 2	1 6	25 1	2 6	23 4	22 56	9 5		n.a.	S 17
S 18	23 10	9 26	5 13	19 11	0 18	11 54	2 8	20 44	3 26	10 24	1 26	20 36	0 53	24 0	0 31	19 2	1 6	25 2	2 6	23 5	22 56	9 8		n.a.	S 18
M19	23 16	14 57	5 7	19 38	0 10	12 19	2 6	20 45	3 28	10 21	1 26	20 37	0 53	24 0	0 31	19 2	1 7	25 2	2 6	23 5	22 56	9 11		n.a.	M19
T 20	23 21	19 39	4 40	20 5	0 2	12 44	2 4	20 45	3 30	10 17	1 26	20 38	0 53	24 0	0 31	19 3	1 7	25 2	2 7	23 5	22 57	9 14		n.a.	T 20
W21	23 26	23 10	3 57	20 31	0s 6	13 9	2 2	20 47	3 33	10 14	1 26	20 40	0 53	24 0	0 31	19 3	1 7	25 3	2 7	23 6	22 57	9 16		n.a.	W21
T 22	23 31	25 10	2 58	20 57	0 13	13 34	2 0	20 48	3 35	10 11	1 25	20 41	0 53	23 59	0 31	19 3	1 7	25 3	2 7	23 6	22 57	9 19		n.a.	T 22
F 23	23 35	25 30	1 49	21 21	0 20	13 58	1 58	20 49	3 37	10 8	1 25	20 42	0 53	23 59	0 31	19 3	1 7	25 3	2 7	23 6	22 58	9 22		n.a.	F 23
S 24	23 38	24 13	0 35	21 45	0 27	14 22	1 56	20 51	3 40	10 5	1 25	20 44	0 53	23 59	0 31	19 4	1 7	25 4	2 7	23 6	22 58	9 25		n.a.	S 24
S 25	23 42	21 32	0n39	22 9	0 34	14 46	1 54	20 53	3 42	10 1	1 24	20 45	0 53	23 59	0 31	19 4	1 7	25 4	2 7	23 6	22 59	9 27		n.a.	S 25
M26	23 44	17 48	1 49	22 31	0 41	15 9	1 52	20 55	3 44	9 58	1 24	20 46	0 53	23 58	0 31	19 4	1 7	25 4	2 7	23 6	22 59	9 30		n.a.	M26
T 27	23 46	13 20	2 52	22 52	0 48	15 33	1 49	20 58	3 46	9 55	1 24	20 47	0 52	23 58	0 31	19 5	1 7	25 4	2 7	23 6	22 59	9 33		n.a.	T 27
W28	23 48	8 25	3 45	23 13	0 54	15 55	1 47	21 1	3 49	9 51	1 24	20 49	0 52	23 58	0 31	19 5	1 7	25 5	2 7	23 6	23 0	9 35		n.a.	W28
T 29	23 49	3 17	4 27	23 32	1 0	16 18	1 44	21 3	3 51	9 47	1 23	20 50	0 52	23 58	0 31	19 5	1 7	25 5	2 7	23 6	23 0	9 38		n.a.	T 29
F 30	23 50	1n53	4 56	23 50	1 6	16 39	1 42	21 6	3 53	9 44	1 23	20 51	0 52	23 57	0 31	19 6	1 7	25 5	2 8	23 6	23 0	9 41		n.a.	F 30
S 31	23s50	6n55	5n13	24s 7	1s12	17s 1	1n39	21n10	3n55	9s40	1s23	20s52	0n52	23s57	0s31	19n 6	1n 7	25s 6	2s 8	23s 6	23s 1	9n44		n.a.	S 31

Julian Day Number = 1286014.5, Delta T = 08h03m40s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'46, Lahiri = -20°24'45 Julian Calendar 1 Dec. 1193 BCE == Greg. Calendar 20 Nov. 1193 BCE

The year -1192 astronomical counting style corresponds to year 1193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

JANUARY 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 22	0♉57'56	17♈13	16♐10	23♏22	12°R11	8♓59	6♐28	10♉ 9	10°R 0	15♐ 5	13°R54	14♉39	12♈35	n.a.	S 1
M 2	6 2 19	1°58'39	29° 8	17°45	24°35	12♌ 5	9° 8	6°35	10°13	9♌59	15° 7	13♉53	14°35	12°42	n.a.	M 2
T 3	6 6 15	2°59'20	11♋10	19°20	25°47	11°59	9°17	6°42	10°16	9°58	15° 9	13°51	14°32	12°49	n.a.	T 3
W 4	6 10 12	4° 0'00	23°24	20°56	27° 0	11°52	9°27	6°48	10°19	9°57	15°11	13°50	14°29	12°56	n.a.	W 4
T 5	6 14 9	5° 0'38	5♊50	22°33	28°13	11°45	9°36	6°55	10°23	9°55	15°13	13°48	14°26	13° 2	n.a.	T 5
F 6	6 18 5	6° 1'14	18°33	24°11	29°25	11°36	9°46	7° 1	10°26	9°54	15°15	13°47	14°23	13° 9	n.a.	F 6
S 7	6 22 2	7° 1'49	1♋31	25°50	0♐38	11°27	9°56	7° 8	10°30	9°53	15°16	13°47	14°20	13°16	n.a.	S 7
S 8	6 25 58	8° 2'22	14°46	27°29	1°51	11°17	10° 6	7°14	10°33	9°52	15°18	13°D47	14°16	13°23	n.a.	S 8
M 9	6 29 55	9° 2'53	28°16	29°10	3° 4	11° 6	10°16	7°21	10°37	9°50	15°20	13°47	14°13	13°29	n.a.	M 9
T 10	6 33 51	10° 3'22	11♌59	0♉51	4°17	10°54	10°26	7°27	10°40	9°49	15°22	13°47	14°10	13°36	n.a.	T 10
W11	6 37 48	11° 3'50	25°53	2°33	5°30	10°42	10°36	7°33	10°44	9°47	15°24	13°47	14° 7	13°43	n.a.	W11
T 12	6 41 44	12° 4'16	9♍56	4°16	6°42	10°28	10°47	7°40	10°47	9°46	15°25	13°48	14° 4	13°49	n.a.	T 12
F 13	6 45 41	13° 4'40	24° 4	6° 1	7°55	10°15	10°57	7°46	10°51	9°45	15°27	13°48	14° 0	13°56	n.a.	F 13
S 14	6 49 38	14° 5'03	8♎15	7°46	9° 8	10° 0	11° 8	7°52	10°54	9°43	15°29	13°48	13°57	14° 3	n.a.	S 14
S 15	6 53 34	15° 5'24	22°27	9°32	10°21	9°45	11°19	7°58	10°58	9°42	15°31	13°48	13°54	14°10	n.a.	S 15
M16	6 57 31	16° 5'44	6♏38	11°19	11°34	9°29	11°29	8° 4	11° 1	9°40	15°33	13°48	13°51	14°16	n.a.	M16
T 17	7 1 27	17° 6'03	20°45	13° 6	12°47	9°12	11°40	8°10	11° 4	9°39	15°34	13°48	13°48	14°23	n.a.	T 17
W18	7 5 24	18° 6'19	4♐46	14°55	14° 0	8°54	11°51	8°16	11° 8	9°37	15°36	13°48	13°45	14°30	n.a.	W18
T 19	7 9 20	19° 6'34	18°38	16°45	15°13	8°36	12° 2	8°22	11°11	9°36	15°38	13°49	13°41	14°37	n.a.	T 19
F 20	7 13 17	20° 6'48	2♉19	18°36	16°26	8°18	12°14	8°28	11°15	9°34	15°39	13°49	13°38	14°43	n.a.	F 20
S 21	7 17 13	21° 6'59	15°47	20°28	17°39	7°58	12°25	8°34	11°18	9°33	15°41	13°R49	13°35	14°50	n.a.	S 21
S 22	7 21 10	22° 7'09	28°59	22°21	18°52	7°39	12°36	8°40	11°22	9°31	15°43	13°49	13°32	14°57	n.a.	S 22
M23	7 25 7	23° 7'16	11♒55	24°14	20° 5	7°18	12°48	8°46	11°25	9°29	15°44	13°48	13°29	15° 3	n.a.	M23
T 24	7 29 3	24° 7'21	24°36	26° 9	21°18	6°58	12°59	8°51	11°28	9°28	15°46	13°47	13°26	15°10	n.a.	T 24
W25	7 33 0	25° 7'24	7♓ 1	28° 4	22°32	6°36	13°11	8°57	11°32	9°26	15°48	13°46	13°22	15°17	n.a.	W25
T 26	7 36 56	26° 7'24	19°13	29°59	23°45	6°15	13°23	9° 3	11°35	9°25	15°49	13°44	13°19	15°24	n.a.	T 26
F 27	7 40 53	27° 7'23	1♈14	1♒56	24°58	5°53	13°35	9° 8	11°39	9°23	15°51	13°42	13°16	15°30	n.a.	F 27
S 28	7 44 49	28° 7'19	13° 9	3°53	26°11	5°30	13°47	9°13	11°42	9°21	15°52	13°41	13°13	15°37	n.a.	S 28
S 29	7 48 46	29° 7'12	25° 1	5°50	27°24	5° 8	13°59	9°19	11°45	9°20	15°54	13°D40	13°10	15°44	n.a.	S 29
M30	7 52 42	0♒ 7'04	6♋56	7°47	28°37	4°45	14°11	9°24	11°49	9°18	15°55	13°40	13° 6	15°51	n.a.	M30
T 31	7 56 39	1♒ 6'53	18♋58	9♒44	29♐50	4♌22	14♓23	9♐29	11♉52	9♌17	15♐57	13♉41	13♉ 3	15♈57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s50	11n42	5n16	24s23	1s17	17s22	1n36	21n13	3n58	9s36	1s23	20s53	0n52	23s57	0s31	19n 6	1n 7	25s 6	2s 8	23s 6	23s 1	9n46		n.a.	
M 2	23 49	16 5	5 5	24 38	1 22	17 43	1 34	21 17	4 0	9 33	1 22	20 55	0 52	23 57	0 31	19 7	1 7	25 6	2 8	23 6	23 1	9 49		n.a.	
T 3	23 48	19 52	4 41	24 51	1 27	18 3	1 31	21 21	4 2	9 29	1 22	20 56	0 52	23 56	0 31	19 7	1 7	25 7	2 8	23 6	23 2	9 52		n.a.	
W 4	23 46	22 52	4 4	25 3	1 32	18 23	1 28	21 25	4 4	9 25	1 22	20 57	0 52	23 56	0 31	19 8	1 7	25 7	2 8	23 6	23 2	9 54		n.a.	
T 5	23 44	24 50	3 15	25 13	1 36	18 42	1 26	21 29	4 6	9 21	1 22	20 58	0 52	23 56	0 31	19 8	1 7	25 7	2 8	23 6	23 2	9 57		n.a.	
F 6	23 42	25 35	2 15	25 22	1 40	19 1	1 23	21 34	4 9	9 17	1 21	20 59	0 52	23 56	0 31	19 8	1 7	25 8	2 8	23 7	23 3	10 0		n.a.	
S 7	23 39	24 57	1 7	25 30	1 44	19 19	1 20	21 38	4 11	9 13	1 21	21 0	0 52	23 55	0 31	19 9	1 7	25 8	2 8	23 7	23 3	10 3		n.a.	
S 8	23 35	22 55	0s 6	25 36	1 47	19 37	1 17	21 43	4 13	9 9	1 21	21 1	0 52	23 55	0 31	19 9	1 7	25 8	2 8	23 7	23 3	10 5		n.a.	
M 9	23 31	19 33	1 20	25 40	1 50	19 55	1 14	21 48	4 15	9 5	1 21	21 3	0 52	23 55	0 31	19 9	1 7	25 9	2 9	23 7	23 4	10 8		n.a.	
T 10	23 27	15 5	2 30	25 43	1 53	20 11	1 11	21 54	4 17	9 1	1 20	21 4	0 52	23 54	0 31	19 10	1 7	25 9	2 9	23 7	23 4	10 11		n.a.	
W11	23 22	9 46	3 33	25 44	1 55	20 28	1 8	21 59	4 19	8 57	1 20	21 5	0 52	23 54	0 31	19 10	1 7	25 9	2 9	23 7	23 4	10 13		n.a.	
T 12	23 17	3 55	4 23	25 43	1 57	20 43	1 5	22 4	4 21	8 52	1 20	21 6	0 52	23 54	0 31	19 11	1 7	25 10	2 9	23 7	23 5	10 16		n.a.	
F 13	23 11	2s10	4 59	25 40	1 58	20 58	1 2	22 10	4 22	8 48	1 20	21 7	0 52	23 54	0 31	19 11	1 7	25 10	2 9	23 7	23 5	10 19		n.a.	
S 14	23 5	8 8	5 16	25 36	2 0	21 13	0 59	22 16	4 24	8 44	1 19	21 8	0 52	23 53	0 31	19 12	1 7	25 10	2 9	23 7	23 6	10 21		n.a.	
S 15	22 58	13 43	5 13	25 29	2 0	21 27	0 56	22 22	4 26	8 40	1 19	21 9	0 52	23 53	0 31	19 12	1 7	25 11	2 9	23 7	23 6	10 24		n.a.	
M16	22 51	18 32	4 52	25 21	2 1	21 40	0 53	22 28	4 28	8 35	1 19	21 10	0 52	23 53	0 31	19 12	1 8	25 11	2 9	23 7	23 6	10 27		n.a.	
T 17	22 43	22 18	4 14	25 11	2 0	21 53	0 50	22 34	4 29	8 31	1 19	21 11	0 52	23 52	0 31	19 13	1 8	25 11	2 9	23 6	23 7	10 29		n.a.	
W18	22 35	24 43	3 20	24 58	2 0	22 5	0 47	22 40	4 31	8 26	1 19	21 12	0 52	23 52	0 31	19 13	1 8	25 11	2 10	23 6	23 7	10 32		n.a.	
T 19	22 27	25 35	2 15	24 44	1 59	22 17	0 44	22 47	4 32	8 22	1 18	21 13	0 52	23 52	0 31	19 14	1 8	25 12	2 10	23 6	23 7	10 35		n.a.	
F 20	22 18	24 52	1 3	24 27	1 57	22 28	0 41	22 53	4 33	8 17	1 18	21 14	0 52	23 52	0 31	19 14	1 8	25 12	2 10	23 6	23 8	10 37		n.a.	
S 21	22 9	22 42	0n11	24 8	1 55	22 38	0 38	22 59	4 35	8 13	1 18	21 15	0 52	23 51	0 31	19 15	1 8	25 12	2 10	23 6	23 8	10 40		n.a.	
S 22	21 59	19 21	1 23	23 47	1 52	22 47	0 34	23 6	4 36	8 8	1 18	21 16	0 52	23 51	0 31	19 15	1 8	25 13	2 10	23 6	23 8	10 43		n.a.	
M23	21 49	15 7	2 29	23 24	1 49	22 56	0 31	23 12	4 37	8 3	1 18	21 17	0 52	23 51	0 31	19 16	1 8	25 13	2 10	23 6	23 8	10 45		n.a.	
T 24	21 39	10 18	3 27	22 59	1 45	23 5	0 28	23 19	4 38	7 59	1 17	21 18	0 52	23 50	0 31	19 16	1 8	25 13	2 10	23 7	23 9	10 48		n.a.	
W25	21 28	5 10	4 13	22 32	1 40	23 12	0 25	23 25	4 39	7 54	1 17	21 18	0 52	23 50	0 31	19 16	1 8	25 14	2 10	23 7	23 9	10 50		n.a.	
T 26	21 17	0n 4	4 48	22 2	1 35	23 19	0 22	23 32	4 40	7 49	1 17	21 19	0 52	23 50	0 31	19 17	1 8	25 14	2 11	23 7	23 9	10 53		n.a.	
F 27	21 5	5 12	5 8	21 30	1 29	23 25	0 19	23 38	4 40	7 44	1 17	21 20	0 52	23 50	0 31	19 17	1 8	25 14	2 11	23 7	23 10	10 56		n.a.	
S 28	20 53	10 6	5 16	20 57	1 23	23 31	0 16	23 44	4 41	7 39	1 17	21 21	0 52	23 49	0 31	19 18	1 8	25 14	2 11	23 7	23 10	10 58		n.a.	
S 29	20 40	14 38	5 10	20 21	1 16	23 36	0 13	23 51	4 41	7 35	1 16	21 22	0 52	23 49	0 31	19 18	1 8	25 15	2 11	23 7	23 10	11 1		n.a.	
M30	20 28	18 37	4 50	19 43	1 8	23 40	0 10	23 57	4 42	7 30	1 16	21 23	0 52	23 49	0 31	19 19	1 8	25 15	2 11	23 7	23 11	11 4		n.a.	
T 31	20s15	21n53	4n18	19s 4	1s 0	23s43	0n 7	24n 3	4n42	7s25	1s16	21s24	0n52	23s48	0s31	19n19	1n 8	25s15	2s11	23s 7	23s11	11n 6		n.a.	

Julian Day Number = 1286045.5, Delta T = 08h03m38s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'41, Lahiri = -20°24'41 Julian Calendar 1 Jan. 1192 BCE == Greg. Calendar 21 Dec. 1193 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

FEBRUARY 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 0 35	2♒ 6'40	1♊11	11♒41	1♉ 3	3°R58	14♓35	9♐35	11♉55	9°R15	15♐58	13♉43	13♉ 0	16♈ 4	n.a.	W 1
T 2	8 4 32	3° 6'24	13°40	13°36	2°17	3♌35	14°48	9°40	11°59	9♌13	16° 0	13°44	12°57	16°11	n.a.	T 2
F 3	8 8 29	4° 6'06	26°29	15°31	3°30	3°12	15° 0	9°45	12° 2	9°12	16° 1	13°45	12°54	16°17	n.a.	F 3
S 4	8 12 25	5° 5'46	9♋39	17°25	4°43	2°48	15°12	9°50	12° 5	9°10	16° 3	13°R46	12°51	16°24	n.a.	S 4
S 5	8 16 22	6° 5'23	23°10	19°16	5°56	2°25	15°25	9°55	12° 8	9° 8	16° 4	13°46	12°47	16°31	n.a.	S 5
M 6	8 20 18	7° 4'58	7♌ 3	21° 6	7° 9	2° 1	15°38	10° 0	12°12	9° 7	16° 6	13°45	12°44	16°38	n.a.	M 6
T 7	8 24 15	8° 4'31	21°14	22°52	8°22	1°38	15°50	10° 5	12°15	9° 5	16° 7	13°42	12°41	16°44	n.a.	T 7
W 8	8 28 11	9° 4'02	5♍38	24°36	9°36	1°15	16° 3	10° 9	12°18	9° 3	16° 8	13°39	12°38	16°51	n.a.	W 8
T 9	8 32 8	10° 3'31	20° 9	26°16	10°49	0°52	16°16	10°14	12°21	9° 2	16°10	13°35	12°35	16°58	n.a.	T 9
F 10	8 36 4	11° 2'57	4♎41	27°52	12° 2	0°29	16°28	10°19	12°24	9° 0	16°11	13°31	12°32	17° 4	n.a.	F 10
S 11	8 40 1	12° 2'22	19° 9	29°23	13°15	0° 7	16°41	10°23	12°27	8°58	16°12	13°29	12°28	17°11	n.a.	S 11
S 12	8 43 58	13° 1'45	3♏28	0♓49	14°28	29♋45	16°54	10°28	12°30	8°57	16°13	13°27	12°25	17°18	n.a.	S 12
M13	8 47 54	14° 1'06	17°35	2°10	15°42	29°23	17° 7	10°32	12°34	8°55	16°15	13°D27	12°22	17°25	n.a.	M13
T 14	8 51 51	15° 0'25	1♐30	3°26	16°55	29° 1	17°20	10°36	12°37	8°53	16°16	13°27	12°19	17°31	n.a.	T 14
W15	8 55 47	15°59'43	15°11	4°35	18° 8	28°40	17°34	10°41	12°40	8°52	16°17	13°29	12°16	17°38	n.a.	W15
T 16	8 59 44	16°58'58	28°38	5°37	19°21	28°20	17°47	10°45	12°43	8°50	16°18	13°30	12°12	17°45	n.a.	T 16
F 17	9 3 40	17°58'12	11♑53	6°33	20°35	28° 0	18° 0	10°49	12°46	8°49	16°19	13°R31	12° 9	17°52	n.a.	F 17
S 18	9 7 37	18°57'23	24°56	7°23	21°48	27°41	18°13	10°53	12°49	8°47	16°20	13°31	12° 6	17°58	n.a.	S 18
S 19	9 11 33	19°56'33	7♒46	8° 5	23° 1	27°22	18°27	10°57	12°52	8°45	16°21	13°28	12° 3	18° 5	n.a.	S 19
M20	9 15 30	20°55'40	20°26	8°40	24°14	27° 3	18°40	11° 1	12°54	8°44	16°22	13°24	12° 0	18°12	n.a.	M20
T 21	9 19 26	21°54'45	2♓53	9° 7	25°28	26°46	18°53	11° 4	12°57	8°42	16°23	13°18	11°57	18°18	n.a.	T 21
W22	9 23 23	22°53'48	15°10	9°28	26°41	26°29	19° 7	11° 8	13° 0	8°40	16°24	13°11	11°53	18°25	n.a.	W22
T 23	9 27 20	23°52'48	27°17	9°41	27°54	26°12	19°20	11°12	13° 3	8°39	16°25	13° 3	11°50	18°32	n.a.	T 23
F 24	9 31 16	24°51'46	9♈17	9°R47	29° 7	25°57	19°34	11°15	13° 6	8°37	16°26	12°56	11°47	18°39	n.a.	F 24
S 25	9 35 13	25°50'42	21°10	9°45	0♒21	25°42	19°47	11°19	13° 9	8°36	16°27	12°50	11°44	18°45	n.a.	S 25
S 26	9 39 9	26°49'36	3♉ 2	9°38	1°34	25°28	20° 1	11°22	13°11	8°34	16°28	12°45	11°41	18°52	n.a.	S 26
M27	9 43 6	27°48'27	14°55	9°23	2°47	25°14	20°15	11°25	13°14	8°33	16°29	12°42	11°38	18°59	n.a.	M27
T 28	9 47 2	28♒47'15	26♉55	9♓ 3	4♒ 0	25♋ 2	20♓28	11♐29	13♉17	8♌31	16♐30	12°D41	11♉34	19♈ 6	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 1	24n13	3n34	18s23	0s51	23s46	0n 4	24n 9	4n42	7s20	1s16	21s24	0n52	23s48	0s31	19n20	1n 8	25s16	2s11	23s 7	23s11	11n 9		n.a.
T 2	19 47	25 26	2 38	17 40	0 41	23 48	0 1	24 14	4 42	7 15	1 16	21 25	0 52	23 48	0 31	19 20	1 8	25 16	2 11	23 7	23 12	11 11		n.a.
F 3	19 33	25 21	1 34	16 57	0 31	23 49	0s 2	24 20	4 42	7 10	1 16	21 26	0 52	23 48	0 31	19 21	1 8	25 16	2 12	23 7	23 12	11 14		n.a.
S 4	19 19	23 51	0 23	16 12	0 20	23 50	0 5	24 26	4 42	7 5	1 15	21 27	0 52	23 47	0 31	19 21	1 8	25 17	2 12	23 7	23 12	11 17		n.a.
S 5	19 4	20 58	0s52	15 26	0 9	23 50	0 8	24 31	4 42	7 0	1 15	21 27	0 52	23 47	0 31	19 21	1 8	25 17	2 12	23 7	23 13	11 19		n.a.
M 6	18 48	16 49	2 5	14 39	0n 3	23 49	0 11	24 36	4 41	6 54	1 15	21 28	0 52	23 47	0 31	19 22	1 8	25 17	2 12	23 7	23 13	11 22		n.a.
T 7	18 33	11 38	3 11	13 53	0 15	23 47	0 13	24 41	4 41	6 49	1 15	21 29	0 52	23 46	0 31	19 22	1 8	25 17	2 12	23 7	23 13	11 24		n.a.
W 8	18 17	5 47	4 7	13 6	0 28	23 45	0 16	24 46	4 40	6 44	1 15	21 30	0 52	23 46	0 31	19 23	1 8	25 18	2 12	23 7	23 14	11 27		n.a.
T 9	18 1	0s26	4 47	12 20	0 41	23 42	0 19	24 50	4 39	6 39	1 15	21 30	0 52	23 46	0 31	19 23	1 8	25 18	2 12	23 8	23 14	11 30		n.a.
F 10	17 45	6 36	5 9	11 34	0 54	23 39	0 22	24 54	4 38	6 34	1 14	21 31	0 52	23 46	0 31	19 24	1 8	25 18	2 13	23 8	23 14	11 32		n.a.
S 11	17 28	12 24	5 12	10 49	1 8	23 34	0 24	24 58	4 38	6 29	1 14	21 32	0 52	23 45	0 31	19 24	1 8	25 18	2 13	23 9	23 14	11 35		n.a.
S 12	17 11	17 28	4 54	10 6	1 21	23 29	0 27	25 2	4 36	6 23	1 14	21 32	0 52	23 45	0 31	19 25	1 8	25 19	2 13	23 9	23 15	11 37		n.a.
M13	16 54	21 30	4 19	9 24	1 34	23 23	0 30	25 6	4 35	6 18	1 14	21 33	0 52	23 45	0 31	19 25	1 8	25 19	2 13	23 9	23 15	11 40		n.a.
T 14	16 36	24 13	3 30	8 45	1 48	23 17	0 32	25 9	4 34	6 13	1 14	21 34	0 52	23 45	0 31	19 26	1 8	25 19	2 13	23 9	23 15	11 42		n.a.
W15	16 18	25 28	2 29	8 7	2 1	23 10	0 35	25 13	4 33	6 7	1 14	21 34	0 52	23 44	0 31	19 26	1 8	25 20	2 13	23 8	23 16	11 45		n.a.
T 16	16 0	25 10	1 20	7 33	2 13	23 2	0 37	25 15	4 31	6 2	1 14	21 35	0 52	23 44	0 31	19 26	1 8	25 20	2 13	23 8	23 16	11 47		n.a.
F 17	15 42	23 27	0 9	7 0	2 25	22 53	0 40	25 18	4 30	5 57	1 13	21 35	0 52	23 44	0 31	19 27	1 8	25 20	2 14	23 8	23 16	11 50		n.a.
S 18	15 23	20 29	1n 2	6 31	2 37	22 44	0 42	25 21	4 28	5 51	1 13	21 36	0 52	23 43	0 31	19 27	1 8	25 20	2 14	23 8	23 17	11 53		n.a.
S 19	15 4	16 34	2 8	6 6	2 47	22 34	0 45	25 23	4 26	5 46	1 13	21 36	0 52	23 43	0 31	19 28	1 8	25 21	2 14	23 9	23 17	11 55		n.a.
M20	14 45	11 58	3 7	5 43	2 57	22 23	0 47	25 25	4 25	5 40	1 13	21 37	0 52	23 43	0 31	19 28	1 8	25 21	2 14	23 9	23 17	11 58		n.a.
T 21	14 26	6 57	3 56	5 24	3 6	22 12	0 49	25 27	4 23	5 35	1 13	21 38	0 52	23 43	0 31	19 29	1 8	25 21	2 14	23 10	23 17	12 0		n.a.
W22	14 7	1 45	4 33	5 9	3 14	22 0	0 51	25 28	4 21	5 29	1 13	21 38	0 52	23 42	0 31	19 29	1 8	25 21	2 14	23 10	23 18	12 3		n.a.
T 23	13 47	3n26	4 57	4 58	3 21	21 48	0 53	25 29	4 19	5 24	1 13	21 39	0 52	23 42	0 31	19 30	1 8	25 22	2 14	23 11	23 18	12 5		n.a.
F 24	13 27	8 26	5 8	4 51	3 27	21 35	0 56	25 30	4 17	5 18	1 13	21 39	0 52	23 42	0 31	19 30	1 8	25 22	2 15	23 12	23 18	12 8		n.a.
S 25	13 7	13 6	5 5	4 47	3 31	21 21	0 58	25 31	4 14	5 13	1 12	21 39	0 52	23 42	0 31	19 30	1 8	25 22	2 15	23 12	23 19	12 10		n.a.
S 26	12 47	17 15	4 50	4 47	3 34	21 7	1 0	25 32	4 12	5 7	1 12	21 40	0 52	23 41	0 31	19 31	1 8	25 22	2 15	23 13	23 19	12 13		n.a.
M27	12 26	20 44	4 22	4 52	3 35	20 52	1 2	25 32	4 10	5 2	1 12	21 40	0 52	23 41	0 31	19 31	1 8	25 23	2 15	23 13	23 19	12 15		n.a.
T 28	12s 5	23n23	3n42	4s59	3n35	20s36	1s 3	25n32	4n 8	4s56	1s12	21s41	0n52	23s41	0s31	19n32	1n 8	25s23	2s15	23s13	23s19	12n18		n.a.

Julian Day Number = 1286076.5, Delta T = 08h03m36s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'37, Lahiri = -20°24'37 Julian Calendar 1 Feb. 1192 BCE == Greg. Calendar 21 Jan. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

MARCH 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 50 59	29♒46'02	9♊ 5	8°R37	5♒14	24°R50	20♓42	11♐32	13♑19	8°R29	16♐31	12♑41	11♑31	19♈12	n.a.	W 1
T 2	9 54 55	0♓44'46	21°32	8♓ 6	6°27	24♋39	20°56	11°35	13°22	8♌28	16°31	12°43	11°28	19°19	n.a.	T 2
F 3	9 58 52	1°43'27	4♋19	7°31	7°40	24°28	21°10	11°38	13°25	8°26	16°32	12°44	11°25	19°26	n.a.	F 3
S 4	10 2 49	2°42'07	17°31	6°52	8°53	24°19	21°24	11°40	13°27	8°25	16°33	12°R44	11°22	19°32	n.a.	S 4
S 5	10 6 45	3°40'43	1♌10	6°11	10° 7	24°10	21°37	11°43	13°30	8°23	16°34	12°42	11°18	19°39	n.a.	S 5
M 6	10 10 42	4°39'18	15°15	5°27	11°20	24° 2	21°51	11°46	13°32	8°22	16°34	12°39	11°15	19°46	n.a.	M 6
T 7	10 14 38	5°37'51	29°45	4°43	12°33	23°55	22° 5	11°48	13°35	8°21	16°35	12°33	11°12	19°53	n.a.	T 7
W 8	10 18 35	6°36'21	14♍32	3°58	13°46	23°49	22°19	11°51	13°37	8°19	16°36	12°25	11° 9	19°59	n.a.	W 8
T 9	10 22 31	7°34'49	29°30	3°14	15° 0	23°43	22°33	11°53	13°39	8°18	16°36	12°17	11° 6	20° 6	n.a.	T 9
F 10	10 26 28	8°33'15	14♎29	2°31	16°13	23°38	22°47	11°55	13°42	8°16	16°37	12° 9	11° 3	20°13	n.a.	F 10
S 11	10 30 24	9°31'40	29°19	1°51	17°26	23°34	23° 1	11°58	13°44	8°15	16°37	12° 2	10°59	20°19	n.a.	S 11
S 12	10 34 21	10°30'03	13♏54	1°13	18°39	23°31	23°15	12° 0	13°46	8°14	16°38	11°57	10°56	20°26	n.a.	S 12
M13	10 38 17	11°28'24	28°10	0°38	19°53	23°29	23°29	12° 2	13°48	8°12	16°38	11°54	10°53	20°33	n.a.	M13
T 14	10 42 14	12°26'44	12♐ 5	0° 7	21° 6	23°27	23°43	12° 4	13°51	8°11	16°39	11°D53	10°50	20°40	n.a.	T 14
W15	10 46 11	13°25'01	25°38	29♒41	22°19	23°26	23°57	12° 6	13°53	8°10	16°39	11°54	10°47	20°46	n.a.	W15
T 16	10 50 7	14°23'18	8♑53	29°19	23°33	23°D26	24°11	12° 7	13°55	8° 8	16°40	11°R54	10°43	20°53	n.a.	T 16
F 17	10 54 4	15°21'32	21°51	29° 1	24°46	23°26	24°25	12° 9	13°57	8° 7	16°40	11°54	10°40	21° 0	n.a.	F 17
S 18	10 58 0	16°19'45	4♒35	28°49	25°59	23°28	24°39	12°11	13°59	8° 6	16°40	11°51	10°37	21° 7	n.a.	S 18
S 19	11 1 57	17°17'56	17° 7	28°41	27°12	23°30	24°54	12°12	14° 1	8° 5	16°41	11°47	10°34	21°13	n.a.	S 19
M20	11 5 53	18°16'06	29°29	28°D38	28°26	23°33	25° 8	12°13	14° 3	8° 4	16°41	11°39	10°31	21°20	n.a.	M20
T 21	11 9 50	19°14'13	11♓43	28°41	29°39	23°36	25°22	12°15	14° 5	8° 2	16°41	11°29	10°28	21°27	n.a.	T 21
W22	11 13 46	20°12'19	23°50	28°48	0♓52	23°40	25°36	12°16	14° 7	8° 1	16°41	11°17	10°24	21°33	n.a.	W22
T 23	11 17 43	21°10'23	5♈50	29° 0	2° 6	23°45	25°50	12°17	14° 8	8° 0	16°42	11° 4	10°21	21°40	n.a.	T 23
F 24	11 21 39	22° 8'25	17°45	29°16	3°19	23°51	26° 4	12°18	14°10	7°59	16°42	10°51	10°18	21°47	n.a.	F 24
S 25	11 25 36	23° 6'25	29°37	29°37	4°32	23°57	26°18	12°19	14°12	7°58	16°42	10°40	10°15	21°54	n.a.	S 25
S 26	11 29 33	24° 4'23	11♉28	0♓ 3	5°46	24° 4	26°33	12°19	14°14	7°57	16°42	10°31	10°12	22° 0	n.a.	S 26
M27	11 33 29	25° 2'20	23°20	0°32	6°59	24°12	26°47	12°20	14°15	7°56	16°42	10°24	10° 9	22° 7	n.a.	M27
T 28	11 37 26	26° 0'14	5♊19	1° 6	8°12	24°20	27° 1	12°21	14°17	7°55	16°42	10°20	10° 5	22°14	n.a.	T 28
W29	11 41 22	26°58'07	17°27	1°44	9°26	24°29	27°15	12°21	14°19	7°54	16°42	10°18	10° 2	22°20	n.a.	W29
T 30	11 45 19	27°55'58	29°50	2°25	10°39	24°39	27°29	12°21	14°20	7°53	16°R42	10°D18	9°59	22°27	n.a.	T 30
F 31	11 49 15	28♓53'47	12♋33	3♓11	11♓52	24♋49	27♓43	12♐22	14♑21	7♌52	16♐42	10°R18	9♑56	22♈34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	11 s44	25n 0	2n51	5 s11	3n33	20 s20	1 s 5	25n32	4n 5	4 s51	1 s12	21 s41	0n52	23 s41	0 s31	19n32	1n 8	25 s23	2 s15	23 s13	23 s20	12n20		n.a.	
T 2	11 23	25 25	1 52	5 26	3 30	20 3	1 7	25 32	4 3	4 45	1 12	21 42	0 52	23 40	0 31	19 32	1 8	25 23	2 15	23 13	23 20	12 23		n.a.	
F 3	11 2	24 31	0 45	5 44	3 25	19 46	1 9	25 32	4 1	4 39	1 12	21 42	0 52	23 40	0 31	19 33	1 8	25 23	2 16	23 13	23 20	12 25		n.a.	
S 4	10 41	22 15	0 s26	6 4	3 18	19 28	1 10	25 31	3 58	4 34	1 12	21 42	0 52	23 40	0 31	19 33	1 8	25 24	2 16	23 13	23 21	12 28		n.a.	
S 5	10 19	18 39	1 38	6 27	3 10	19 9	1 12	25 30	3 56	4 28	1 12	21 43	0 52	23 40	0 31	19 34	1 8	25 24	2 16	23 13	23 21	12 30		n.a.	
M 6	9 58	13 54	2 46	6 52	3 0	18 50	1 13	25 29	3 53	4 22	1 12	21 43	0 52	23 39	0 31	19 34	1 8	25 24	2 16	23 13	23 21	12 33		n.a.	
T 7	9 36	8 15	3 45	7 19	2 49	18 31	1 15	25 28	3 51	4 17	1 11	21 44	0 52	23 39	0 31	19 34	1 8	25 24	2 16	23 14	23 21	12 35		n.a.	
W 8	9 14	2 2	4 30	7 47	2 37	18 11	1 16	25 27	3 48	4 11	1 11	21 44	0 52	23 39	0 32	19 35	1 8	25 25	2 16	23 15	23 22	12 38		n.a.	
T 9	8 52	4 s20	4 58	8 15	2 24	17 50	1 18	25 25	3 46	4 5	1 11	21 44	0 52	23 39	0 32	19 35	1 8	25 25	2 17	23 16	23 22	12 40		n.a.	
F 10	8 30	10 28	5 5	8 44	2 10	17 29	1 19	25 23	3 43	4 0	1 11	21 44	0 52	23 39	0 32	19 36	1 8	25 25	2 17	23 16	23 22	12 43		n.a.	
S 11	8 8	15 56	4 51	9 13	1 55	17 8	1 20	25 22	3 41	3 54	1 11	21 45	0 52	23 38	0 32	19 36	1 8	25 25	2 17	23 17	23 22	12 45		n.a.	
S 12	7 45	20 23	4 19	9 41	1 39	16 46	1 21	25 20	3 38	3 48	1 11	21 45	0 52	23 38	0 32	19 36	1 8	25 25	2 17	23 17	23 23	12 48		n.a.	
M13	7 23	23 31	3 32	10 8	1 23	16 24	1 22	25 18	3 35	3 43	1 11	21 45	0 52	23 38	0 32	19 37	1 8	25 26	2 17	23 18	23 23	12 50		n.a.	
T 14	7 0	25 8	2 32	10 34	1 7	16 1	1 23	25 15	3 33	3 37	1 11	21 46	0 52	23 38	0 32	19 37	1 8	25 26	2 17	23 18	23 23	12 53		n.a.	
W15	6 37	25 12	1 26	10 59	0 51	15 37	1 24	25 13	3 30	3 31	1 11	21 46	0 52	23 38	0 32	19 37	1 8	25 26	2 17	23 18	23 23	12 55		n.a.	
T 16	6 15	23 48	0 16	11 22	0 35	15 14	1 25	25 10	3 28	3 25	1 11	21 46	0 52	23 37	0 32	19 38	1 8	25 26	2 18	23 18	23 24	12 58		n.a.	
F 17	5 52	21 10	0n53	11 43	0 19	14 50	1 26	25 8	3 25	3 20	1 11	21 46	0 52	23 37	0 32	19 38	1 8	25 26	2 18	23 18	23 24	13 0		n.a.	
S 18	5 29	17 32	1 58	12 2	0 3	14 25	1 27	25 5	3 23	3 14	1 11	21 46	0 52	23 37	0 32	19 38	1 8	25 27	2 18	23 18	23 24	13 2		n.a.	
S 19	5 6	13 10	2 56	12 19	0 s12	14 0	1 27	25 2	3 20	3 8	1 11	21 47	0 52	23 37	0 32	19 38	1 8	25 27	2 18	23 18	23 25	13 5		n.a.	
M20	4 43	8 20	3 45	12 33	0 26	13 35	1 28	24 59	3 17	3 2	1 10	21 47	0 52	23 37	0 32	19 39	1 8	25 27	2 18	23 19	23 25	13 7		n.a.	
T 21	4 20	3 15	4 22	12 46	0 40	13 9	1 28	24 56	3 15	2 57	1 10	21 47	0 52	23 36	0 32	19 39	1 8	25 27	2 18	23 20	23 25	13 10		n.a.	
W22	3 57	1n54	4 48	12 56	0 54	12 43	1 29	24 53	3 12	2 51	1 10	21 47	0 52	23 36	0 32	19 39	1 8	25 27	2 19	23 21	23 25	13 12		n.a.	
T 23	3 33	6 56	5 0	13 3	1 7	12 17	1 29	24 49	3 10	2 45	1 10	21 47	0 52	23 36	0 32	19 40	1 8	25 28	2 19	23 22	23 26	13 15		n.a.	
F 24	3 10	11 40	4 59	13 9	1 19	11 51	1 30	24 46	3 7	2 39	1 10	21 47	0 52	23 36	0 32	19 40	1 8	25 28	2 19	23 23	23 26	13 17		n.a.	
S 25	2 47	15 57	4 45	13 12	1 30	11 24	1 30	24 42	3 5	2 34	1 10	21 47	0 52	23 36	0 32	19 40	1 8	25 28	2 19	23 24	23 26	13 19		n.a.	
S 26	2 23	19 37	4 19	13 13	1 41	10 56	1 30	24 39	3 2	2 28	1 10	21 48	0 52	23 36	0 32	19 40	1 8	25 28	2 19	23 25	23 26	13 22		n.a.	
M27	2 0	22 29	3 42	13 11	1 51	10 29	1 30	24 35	3 0	2 22	1 10	21 48	0 52	23 35	0 32	19 41	1 8	25 28	2 19	23 25	23 27	13 24		n.a.	
T 28	1 37	24 24	2 54	13 8	2 0	10 1	1 30	24 31	2 57	2 16	1 10	21 48	0 52	23 35	0 32	19 41	1 8	25 28	2 19	23 26	23 27	13 27		n.a.	
W29	1 13	25 11	1 58	13 2	2 8	9 33	1 30	24 27	2 55	2 11	1 10	21 48	0 52	23 35	0 32	19 41	1 8	25 29	2 20	23 26	23 27	13 29		n.a.	
T 30	0 50	24 45	0 55	12 54	2 16	9 5	1 30	24 23	2 52	2 5	1 10	21 48	0 52	23 35	0 32	19 41	1 8	25 29	2 20	23 26	23 27	13 32		n.a.	
F 31	0 s27	23n 2	0 s12	12 s43	2 s23	8 s36	1 s30	24n18	2n50	1 s59	1 s10	21 s48	0n52	23 s35	0 s32	19n42	1n 8	25 s29	2 s20	23 s26	23 s27	13n34		n.a.	

Julian Day Number = 1286104.5, Delta T = 08h03m35s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'33, Lahiri = -20°24'33 Julian Calendar 1 March 1192 BCE == Greg. Calendar 18 Feb. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

APRIL 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 12	29♓51'33	25♋41	3♓59	13♓ 5	25♋ 0	27♓58	12♐22	14♑23	7°R51	16°R42	10°R17	9♑53	22♈41	n.a.	S 1
S 2	11 57 8	0♈49'18	9♌18	4°51	14°19	25°11	28°12	12°R22	14°24	7♌50	16♐42	10♑15	9°49	22°47	n.a.	S 2
M 3	12 1 5	1°47'02	23°24	5°47	15°32	25°23	28°26	12°22	14°26	7°49	16°42	10°10	9°46	22°54	n.a.	M 3
T 4	12 5 2	2°44'43	7♍58	6°45	16°45	25°36	28°40	12°22	14°27	7°49	16°42	10° 2	9°43	23° 1	n.a.	T 4
W 5	12 8 58	3°42'23	22°55	7°47	17°59	25°49	28°54	12°22	14°28	7°48	16°42	9°53	9°40	23° 8	n.a.	W 5
T 6	12 12 55	4°40'01	8♎ 8	8°51	19°12	26° 2	29° 8	12°21	14°29	7°47	16°41	9°42	9°37	23°14	n.a.	T 6
F 7	12 16 51	5°37'38	23°24	9°59	20°25	26°17	29°22	12°21	14°31	7°46	16°41	9°32	9°34	23°21	n.a.	F 7
S 8	12 20 48	6°35'13	8♏34	11° 9	21°39	26°31	29°37	12°21	14°32	7°46	16°41	9°22	9°30	23°28	n.a.	S 8
S 9	12 24 44	7°32'47	23°26	12°21	22°52	26°46	29°51	12°20	14°33	7°45	16°41	9°15	9°27	23°34	n.a.	S 9
M10	12 28 41	8°30'20	7♐56	13°37	24° 5	27° 2	0♈ 5	12°19	14°34	7°44	16°40	9°11	9°24	23°41	n.a.	M10
T 11	12 32 37	9°27'53	21°59	14°55	25°19	27°18	0°19	12°19	14°35	7°44	16°40	9° 9	9°21	23°48	n.a.	T 11
W12	12 36 34	10°25'24	5♑36	16°16	26°32	27°35	0°33	12°18	14°36	7°43	16°40	9° 8	9°18	23°55	n.a.	W12
T 13	12 40 31	11°22'54	18°49	17°39	27°45	27°52	0°47	12°17	14°36	7°43	16°39	9° 8	9°15	24° 1	n.a.	T 13
F 14	12 44 27	12°20'23	1♒40	19° 4	28°59	28°10	1° 1	12°16	14°37	7°42	16°39	9° 7	9°11	24° 8	n.a.	F 14
S 15	12 48 24	13°17'51	14°15	20°32	0♈12	28°28	1°15	12°15	14°38	7°42	16°38	9° 5	9° 8	24°15	n.a.	S 15
S 16	12 52 20	14°15'18	26°36	22° 2	1°25	28°46	1°29	12°13	14°39	7°41	16°38	8°59	9° 5	24°21	n.a.	S 16
M17	12 56 17	15°12'44	8♓47	23°35	2°39	29° 5	1°43	12°12	14°39	7°41	16°37	8°51	9° 2	24°28	n.a.	M17
T 18	13 0 13	16°10'09	20°51	25°10	3°52	29°24	1°57	12°11	14°40	7°40	16°37	8°40	8°59	24°35	n.a.	T 18
W19	13 4 10	17° 7'33	2♈49	26°48	5° 6	29°44	2°11	12° 9	14°41	7°40	16°36	8°28	8°55	24°42	n.a.	W19
T 20	13 8 6	18° 4'56	14°43	28°28	6°19	0♌ 4	2°24	12° 7	14°41	7°40	16°36	8°14	8°52	24°48	n.a.	T 20
F 21	13 12 3	19° 2'18	26°35	0♈10	7°32	0°25	2°38	12° 6	14°42	7°39	16°35	8° 0	8°49	24°55	n.a.	F 21
S 22	13 16 0	19°59'39	8♉26	1°54	8°46	0°46	2°52	12° 4	14°42	7°39	16°35	7°48	8°46	25° 2	n.a.	S 22
S 23	13 19 56	20°56'58	20°18	3°41	9°59	1° 8	3° 6	12° 2	14°43	7°39	16°34	7°38	8°43	25° 8	n.a.	S 23
M24	13 23 53	21°54'17	2♊13	5°30	11°13	1°29	3°20	12° 0	14°43	7°39	16°33	7°31	8°40	25°15	n.a.	M24
T 25	13 27 49	22°51'35	14°14	7°22	12°26	1°52	3°33	11°58	14°43	7°38	16°33	7°26	8°36	25°22	n.a.	T 25
W26	13 31 46	23°48'51	26°24	9°15	13°39	2°14	3°47	11°56	14°43	7°38	16°32	7°24	8°33	25°29	n.a.	W26
T 27	13 35 42	24°46'07	8♋47	11°11	14°53	2°37	4° 1	11°54	14°44	7°38	16°31	7°D23	8°30	25°35	n.a.	T 27
F 28	13 39 39	25°43'21	21°29	13° 9	16° 6	3° 0	4°14	11°51	14°44	7°38	16°30	7°R24	8°27	25°42	n.a.	F 28
S 29	13 43 35	26°40'35	4♌33	15° 9	17°20	3°24	4°28	11°49	14°44	7°38	16°30	7°23	8°24	25°49	n.a.	S 29
S 30	13 47 32	27♈37'47	18♌ 3	17♈11	18♈33	3♌48	4♈42	11♐46	14°R44	7°D38	16♐29	7♑22	8♑20	25♈55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 3	20n 2	1s21	12s31	2s29	8s 8	1s30	24n14	2n48	1s53	1s10	21s48	0n52	23s35	0s32	19n42	1n 8	25s29	2s20	23s26	23s28	13n36		n.a.
S 2	0n20	15 52	2 27	12 17	2 35	7 39	1 29	24 9	2 45	1 48	1 10	21 48	0 52	23 35	0 32	19 42	1 8	25 29	2 20	23 26	23 28	13 39		n.a.
M 3	0 43	10 42	3 27	12 0	2 39	7 10	1 29	24 5	2 43	1 42	1 10	21 48	0 52	23 35	0 32	19 42	1 8	25 29	2 20	23 26	23 28	13 41		n.a.
T 4	1 7	4 47	4 15	11 42	2 43	6 40	1 29	24 0	2 41	1 36	1 10	21 48	0 52	23 34	0 32	19 42	1 8	25 29	2 21	23 27	23 28	13 43		n.a.
W 5	1 30	1s32	4 47	11 22	2 47	6 11	1 28	23 55	2 38	1 30	1 10	21 48	0 52	23 34	0 32	19 43	1 8	25 30	2 21	23 28	23 29	13 46		n.a.
T 6	1 53	7 51	5 0	10 59	2 49	5 41	1 28	23 50	2 36	1 25	1 10	21 48	0 52	23 34	0 32	19 43	1 8	25 30	2 21	23 29	23 29	13 48		n.a.
F 7	2 16	13 44	4 52	10 35	2 51	5 11	1 27	23 46	2 34	1 19	1 10	21 48	0 52	23 34	0 32	19 43	1 8	25 30	2 21	23 29	23 29	13 51		n.a.
S 8	2 39	18 43	4 23	10 9	2 52	4 41	1 26	23 40	2 31	1 13	1 10	21 48	0 52	23 34	0 32	19 43	1 8	25 30	2 21	23 30	23 29	13 53		n.a.
S 9	3 3	22 25	3 36	9 41	2 53	4 11	1 26	23 35	2 29	1 8	1 10	21 48	0 52	23 34	0 32	19 43	1 8	25 30	2 21	23 30	23 30	13 55		n.a.
M10	3 26	24 34	2 37	9 12	2 53	3 41	1 25	23 30	2 27	1 2	1 10	21 47	0 52	23 34	0 33	19 43	1 8	25 30	2 21	23 31	23 30	13 58		n.a.
T 11	3 49	25 5	1 29	8 40	2 52	3 11	1 24	23 24	2 25	0 56	1 10	21 47	0 52	23 34	0 33	19 44	1 8	25 30	2 22	23 31	23 30	14 0		n.a.
W12	4 12	24 2	0 19	8 7	2 51	2 40	1 23	23 19	2 23	0 50	1 10	21 47	0 52	23 34	0 33	19 44	1 7	25 30	2 22	23 31	23 30	14 2		n.a.
T 13	4 34	21 39	0n51	7 32	2 49	2 10	1 22	23 13	2 20	0 45	1 10	21 47	0 52	23 34	0 33	19 44	1 7	25 31	2 22	23 31	23 31	14 5		n.a.
F 14	4 57	18 14	1 56	6 56	2 46	1 39	1 21	23 8	2 18	0 39	1 10	21 47	0 52	23 34	0 33	19 44	1 7	25 31	2 22	23 31	23 31	14 7		n.a.
S 15	5 20	14 3	2 54	6 18	2 43	1 8	1 20	23 2	2 16	0 33	1 10	21 47	0 52	23 34	0 33	19 44	1 7	25 31	2 22	23 31	23 31	14 9		n.a.
S 16	5 43	9 22	3 43	5 38	2 39	0 38	1 19	22 56	2 14	0 28	1 10	21 47	0 52	23 34	0 33	19 44	1 7	25 31	2 22	23 32	23 31	14 12		n.a.
M17	6 5	4 24	4 20	4 56	2 34	0 7	1 18	22 50	2 12	0 22	1 10	21 47	0 52	23 33	0 33	19 44	1 7	25 31	2 23	23 32	23 31	14 14		n.a.
T 18	6 28	0n41	4 46	4 13	2 29	0n24	1 17	22 44	2 10	0 17	1 10	21 46	0 52	23 33	0 33	19 44	1 7	25 31	2 23	23 33	23 32	14 16		n.a.
W19	6 50	5 41	4 58	3 29	2 24	0 54	1 15	22 37	2 8	0 11	1 10	21 46	0 52	23 33	0 33	19 44	1 7	25 31	2 23	23 34	23 32	14 19		n.a.
T 20	7 12	10 27	4 58	2 43	2 17	1 25	1 14	22 31	2 6	0 5	1 10	21 46	0 52	23 33	0 33	19 44	1 7	25 31	2 23	23 35	23 32	14 21		n.a.
F 21	7 35	14 50	4 45	1 56	2 11	1 56	1 13	22 24	2 4	0n 0	1 10	21 46	0 52	23 33	0 33	19 45	1 7	25 31	2 23	23 35	23 32	14 23		n.a.
S 22	7 57	18 37	4 19	1 7	2 3	2 27	1 11	22 18	2 2	0 6	1 10	21 45	0 52	23 33	0 33	19 45	1 7	25 31	2 23	23 36	23 32	14 26		n.a.
S 23	8 18	21 40	3 42	0 17	1 56	2 57	1 10	22 11	2 0	0 11	1 10	21 45	0 52	23 33	0 33	19 45	1 7	25 31	2 23	23 37	23 33	14 28		n.a.
M24	8 40	23 48	2 55	0n35	1 48	3 28	1 8	22 4	1 58	0 17	1 10	21 45	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 37	23 33	14 30		n.a.
T 25	9 2	24 52	2 0	1 27	1 39	3 59	1 6	21 57	1 56	0 22	1 10	21 45	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 37	23 33	14 32		n.a.
W26	9 23	24 45	0 58	2 21	1 30	4 29	1 5	21 50	1 54	0 28	1 10	21 44	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 38	23 33	14 35		n.a.
T 27	9 45	23 25	0s 7	3 16	1 21	4 59	1 3	21 43	1 52	0 33	1 10	21 44	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 38	23 34	14 37		n.a.
F 28	10 6	20 52	1 14	4 12	1 11	5 30	1 1	21 36	1 50	0 39	1 10	21 44	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 38	23 34	14 39		n.a.
S 29	10 27	17 12	2 19	5 8	1 1	6 0	1 0	21 28	1 48	0 44	1 10	21 44	0 52	23 33	0 33	19 45	1 7	25 32	2 24	23 38	23 34	14 42		n.a.
S 30	10n48	12n32	3s18	6n 5	0s50	6n30	0s58	21n21	1n46	0n50	1s10	21s43	0n52	23s33	0s33	19n45	1n 7	25s32	2s24	23s38	23s34	14n44		n.a.

Julian Day Number = 1286135.5, Delta T = 08h03m33s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'29, Lahiri = -20°24'29 Julian Calendar 1 Apr. 1192 BCE == Greg. Calendar 21 March 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

MAY 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 51 29	28♈34'58	2♍ 2	19♈15	19♈47	4♌12	4♈55	11°R44	14°R44	7♌38	16°R28	7°R18	8♑17	26♈ 2	n.a.	M 1
T 2	13 55 25	29°32'08	16°29	21°21	21° 0	4°37	5° 9	11♐41	14♑44	7°38	16♐27	7♑12	8°14	26° 9	n.a.	T 2
W 3	13 59 22	0♉29'17	1♎22	23°28	22°14	5° 2	5°22	11°39	14°44	7°38	16°26	7° 4	8°11	26°16	n.a.	W 3
T 4	14 3 18	1°26'25	16°32	25°37	23°27	5°27	5°35	11°36	14°44	7°38	16°25	6°55	8° 8	26°22	n.a.	T 4
F 5	14 7 15	2°23'33	1♏51	27°46	24°40	5°53	5°49	11°33	14°43	7°39	16°24	6°46	8° 5	26°29	n.a.	F 5
S 6	14 11 11	3°20'40	17° 7	29°57	25°54	6°18	6° 2	11°30	14°43	7°39	16°23	6°38	8° 1	26°36	n.a.	S 6
S 7	14 15 8	4°17'47	2♐ 9	2♉ 8	27° 7	6°45	6°15	11°27	14°43	7°39	16°23	6°32	7°58	26°43	n.a.	S 7
M 8	14 19 4	5°14'53	16°49	4°19	28°21	7°11	6°28	11°24	14°42	7°39	16°22	6°28	7°55	26°49	n.a.	M 8
T 9	14 23 1	6°12'00	1♑ 2	6°30	29°34	7°38	6°42	11°21	14°42	7°39	16°21	6°D26	7°52	26°56	n.a.	T 9
W10	14 26 58	7° 9'06	14°47	8°42	0♉48	8° 5	6°55	11°18	14°42	7°40	16°20	6°26	7°49	27° 3	n.a.	W10
T 11	14 30 54	8° 6'11	28° 5	10°53	2° 1	8°32	7° 8	11°14	14°41	7°40	16°18	6°27	7°46	27° 9	n.a.	T 11
F 12	14 34 51	9° 3'17	10♒58	13° 3	3°15	9° 0	7°21	11°11	14°41	7°40	16°17	6°R28	7°42	27°16	n.a.	F 12
S 13	14 38 47	10° 0'23	23°32	15°12	4°29	9°27	7°34	11° 8	14°40	7°41	16°16	6°27	7°39	27°23	n.a.	S 13
S 14	14 42 44	10°57'28	5♓49	17°20	5°42	9°55	7°47	11° 4	14°39	7°41	16°15	6°24	7°36	27°30	n.a.	S 14
M15	14 46 40	11°54'33	17°55	19°26	6°56	10°24	8° 0	11° 1	14°39	7°42	16°14	6°18	7°33	27°36	n.a.	M15
T 16	14 50 37	12°51'39	29°54	21°32	8° 9	10°52	8°12	10°57	14°38	7°42	16°13	6°11	7°30	27°43	n.a.	T 16
W17	14 54 33	13°48'44	11♈47	23°35	9°23	11°21	8°25	10°53	14°37	7°43	16°12	6° 2	7°26	27°50	n.a.	W17
T 18	14 58 30	14°45'49	23°39	25°37	10°36	11°50	8°38	10°50	14°37	7°43	16°11	5°53	7°23	27°56	n.a.	T 18
F 19	15 2 27	15°42'55	5♉30	27°37	11°50	12°20	8°50	10°46	14°36	7°44	16°10	5°43	7°20	28° 3	n.a.	F 19
S 20	15 6 23	16°40'00	17°23	29°35	13° 4	12°49	9° 3	10°42	14°35	7°45	16° 8	5°35	7°17	28°10	n.a.	S 20
S 21	15 10 20	17°37'05	29°20	1♊31	14°17	13°19	9°16	10°38	14°34	7°45	16° 7	5°28	7°14	28°17	n.a.	S 21
M22	15 14 16	18°34'11	11♊22	3°25	15°31	13°49	9°28	10°34	14°33	7°46	16° 6	5°23	7°11	28°23	n.a.	M22
T 23	15 18 13	19°31'16	23°31	5°17	16°45	14°19	9°40	10°30	14°32	7°47	16° 5	5°20	7° 7	28°30	n.a.	T 23
W24	15 22 9	20°28'21	5♋49	7° 7	17°58	14°50	9°53	10°26	14°31	7°47	16° 3	5°D19	7° 4	28°37	n.a.	W24
T 25	15 26 6	21°25'26	18°20	8°55	19°12	15°21	10° 5	10°22	14°30	7°48	16° 2	5°20	7° 1	28°43	n.a.	T 25
F 26	15 30 3	22°22'30	1♌ 6	10°41	20°26	15°52	10°17	10°18	14°29	7°49	16° 1	5°21	6°58	28°50	n.a.	F 26
S 27	15 33 59	23°19'35	14°11	12°25	21°39	16°23	10°29	10°14	14°27	7°50	16° 0	5°23	6°55	28°57	n.a.	S 27
S 28	15 37 56	24°16'39	27°39	14° 7	22°53	16°54	10°41	10°10	14°26	7°51	15°58	5°R23	6°52	29° 4	n.a.	S 28
M29	15 41 52	25°13'43	11♍30	15°46	24° 7	17°26	10°53	10° 6	14°25	7°52	15°57	5°22	6°48	29°10	n.a.	M29
T 30	15 45 49	26°10'48	25°46	17°24	25°21	17°57	11° 5	10° 2	14°24	7°53	15°56	5°19	6°45	29°17	n.a.	T 30
W31	15 49 45	27♉ 7'52	10♎24	18♊59	26♉34	18♌29	11♈17	9♐57	14♑22	7♌54	15♐54	5♑15	6♑42	29♈24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n 9	7n 4	4s 8	7n 3	0s40	7n 0	0s56	21n13	1n45	0n55	1s10	21s43	0n52	23s33	0s33	19n45	1n 7	25s32	2s25	23s38	23s34	14n46			n.a.
T 2	11 29	1 4	4 44	8 1	0 29	7 30	0 54	21 5	1 43	1 1	1 10	21 43	0 52	23 34	0 33	19 45	1 7	25 32	2 25	23 38	23 35	14 48			n.a.
W 3	11 50	5s 9	5 1	8 59	0 18	7 59	0 52	20 57	1 41	1 6	1 10	21 42	0 52	23 34	0 33	19 45	1 7	25 32	2 25	23 39	23 35	14 51			n.a.
T 4	12 10	11 11	4 59	9 56	0 8	8 29	0 50	20 49	1 39	1 11	1 10	21 42	0 52	23 34	0 33	19 44	1 7	25 32	2 25	23 39	23 35	14 53			n.a.
F 5	12 30	16 36	4 35	10 54	0n 3	8 58	0 48	20 41	1 37	1 17	1 10	21 42	0 52	23 34	0 33	19 44	1 7	25 32	2 25	23 40	23 35	14 55			n.a.
S 6	12 50	20 55	3 51	11 51	0 14	9 27	0 46	20 33	1 36	1 22	1 10	21 41	0 51	23 34	0 33	19 44	1 7	25 32	2 25	23 40	23 35	14 57			n.a.
S 7	13 10	23 45	2 52	12 47	0 24	9 56	0 44	20 25	1 34	1 27	1 10	21 41	0 51	23 34	0 33	19 44	1 7	25 32	2 25	23 40	23 36	15 0			n.a.
M 8	13 29	24 53	1 43	13 42	0 34	10 25	0 42	20 16	1 32	1 33	1 10	21 40	0 51	23 34	0 33	19 44	1 7	25 32	2 26	23 41	23 36	15 2			n.a.
T 9	13 49	24 19	0 29	14 36	0 44	10 53	0 40	20 7	1 31	1 38	1 10	21 40	0 51	23 34	0 34	19 44	1 7	25 32	2 26	23 41	23 36	15 4			n.a.
W10	14 8	22 16	0n45	15 28	0 53	11 21	0 38	19 59	1 29	1 43	1 10	21 40	0 51	23 34	0 34	19 44	1 7	25 32	2 26	23 41	23 36	15 6			n.a.
T 11	14 26	19 3	1 53	16 19	1 2	11 49	0 36	19 50	1 27	1 48	1 10	21 39	0 51	23 34	0 34	19 44	1 7	25 32	2 26	23 41	23 36	15 8			n.a.
F 12	14 45	14 59	2 54	17 8	1 11	12 17	0 33	19 41	1 26	1 53	1 10	21 39	0 51	23 34	0 34	19 44	1 7	25 32	2 26	23 41	23 37	15 11			n.a.
S 13	15 3	10 22	3 44	17 55	1 18	12 44	0 31	19 32	1 24	1 59	1 10	21 38	0 51	23 34	0 34	19 44	1 7	25 32	2 26	23 41	23 37	15 13			n.a.
S 14	15 22	5 27	4 24	18 39	1 26	13 11	0 29	19 22	1 22	2 4	1 10	21 38	0 51	23 34	0 34	19 43	1 7	25 32	2 26	23 41	23 37	15 15			n.a.
M15	15 40	0 24	4 50	19 22	1 32	13 38	0 27	19 13	1 21	2 9	1 10	21 37	0 51	23 34	0 34	19 43	1 7	25 32	2 27	23 41	23 37	15 17			n.a.
T 16	15 57	4n35	5 4	20 1	1 38	14 4	0 24	19 3	1 19	2 14	1 10	21 37	0 51	23 35	0 34	19 43	1 7	25 32	2 27	23 41	23 37	15 20			n.a.
W17	16 15	9 23	5 4	20 39	1 44	14 31	0 22	18 54	1 17	2 19	1 10	21 36	0 51	23 35	0 34	19 43	1 7	25 32	2 27	23 42	23 37	15 22			n.a.
T 18	16 32	13 49	4 51	21 14	1 48	14 56	0 20	18 44	1 16	2 24	1 11	21 36	0 51	23 35	0 34	19 43	1 7	25 32	2 27	23 42	23 38	15 24			n.a.
F 19	16 49	17 44	4 26	21 46	1 52	15 22	0 17	18 34	1 14	2 29	1 11	21 35	0 51	23 35	0 34	19 43	1 7	25 32	2 27	23 43	23 38	15 26			n.a.
S 20	17 6	20 57	3 49	22 16	1 55	15 47	0 15	18 24	1 13	2 34	1 11	21 35	0 51	23 35	0 34	19 42	1 7	25 32	2 27	23 43	23 38	15 28			n.a.
S 21	17 22	23 17	3 2	22 44	1 58	16 11	0 13	18 14	1 11	2 39	1 11	21 34	0 51	23 35	0 34	19 42	1 7	25 32	2 27	23 43	23 38	15 30			n.a.
M22	17 38	24 35	2 6	23 9	2 0	16 36	0 10	18 4	1 10	2 44	1 11	21 34	0 51	23 35	0 34	19 42	1 6	25 32	2 27	23 44	23 38	15 33			n.a.
T 23	17 54	24 44	1 3	23 31	2 1	16 59	0 8	17 53	1 8	2 49	1 11	21 33	0 51	23 36	0 34	19 42	1 6	25 32	2 28	23 44	23 38	15 35			n.a.
W24	18 10	23 40	0s 3	23 51	2 2	17 23	0 6	17 43	1 7	2 53	1 11	21 33	0 51	23 36	0 34	19 42	1 6	25 32	2 28	23 44	23 39	15 37			n.a.
T 25	18 25	21 24	1 10	24 9	2 2	17 46	0 3	17 32	1 5	2 58	1 11	21 32	0 51	23 36	0 34	19 41	1 6	25 32	2 28	23 44	23 39	15 39			n.a.
F 26	18 40	18 3	2 15	24 25	2 1	18 8	0 1	17 21	1 4	3 3	1 11	21 32	0 51	23 36	0 34	19 41	1 6	25 32	2 28	23 44	23 39	15 41			n.a.
S 27	18 55	13 44	3 15	24 38	1 59	18 30	0n 1	17 11	1 2	3 8	1 11	21 31	0 51	23 36	0 34	19 41	1 6	25 32	2 28	23 44	23 39	15 43			n.a.
S 28	19 9	8 39	4 6	24 49	1 57	18 52	0 4	17 0	1 1	3 12	1 11	21 31	0 51	23 36	0 34	19 41	1 6	25 32	2 28	23 44	23 39	15 46			n.a.
M29	19 23	3 0	4 44	24 58	1 55	19 13	0 6	16 48	0 59	3 17	1 11	21 30	0 50	23 36	0 34	19 40	1 6	25 32	2 28	23 44	23 40	15 48			n.a.
T 30	19 37	2s57	5 6	25 5	1 52	19 33	0 8	16 37	0 58	3 22	1 11	21 30	0 50	23 37	0 34	19 40	1 6	25 32	2 28	23 44	23 40	15 50			n.a.
W31	19n51	8s54	5s 9	25n10	1n48	19n53	0n11	16n26	0n56	3n26	1s12	21s29	0n50	23s37	0s34	19n40	1n 6	25s32	2s28	23s44	23s40	15n52			n.a.

Julian Day Number = 1286165.5, Delta T = 08h03m32s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'25, Lahiri = -20°24'25 Julian Calendar 1 May 1192 BCE == Greg. Calendar 20 Apr. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

JUNE 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 42	28♉ 4'56	25♎19	20♊33	27♉48	19♌ 2	11♈28	9°R53	14°R21	7♌55	15°R53	5°R10	6♑39	29♈30	n.a.	T 1
F 2	15 57 38	29° 2'00	10♏24	22° 4	29° 2	19°34	11°40	9♐49	14♑19	7°56	15♐52	5♑ 5	6°36	29°37	n.a.	F 2
S 3	16 1 35	29°59'05	25°31	23°33	0♊16	20° 6	11°52	9°45	14°18	7°57	15°50	5° 0	6°32	29°44	n.a.	S 3
S 4	16 5 32	0♊56'11	10♐28	25° 0	1°29	20°39	12° 3	9°40	14°16	7°58	15°49	4°57	6°29	29°51	n.a.	S 4
M 5	16 9 28	1°53'16	25° 8	26°25	2°43	21°12	12°15	9°36	14°15	7°59	15°48	4°55	6°26	29°57	n.a.	M 5
T 6	16 13 25	2°50'23	9♑24	27°47	3°57	21°45	12°26	9°31	14°13	8° 0	15°46	4°D55	6°23	0♉ 4	n.a.	T 6
W 7	16 17 21	3°47'30	23°15	29° 7	5°11	22°18	12°37	9°27	14°12	8° 1	15°45	4°56	6°20	0°11	n.a.	W 7
T 8	16 21 18	4°44'38	6♒38	0♋26	6°25	22°52	12°48	9°23	14°10	8° 2	15°43	4°57	6°17	0°17	n.a.	T 8
F 9	16 25 14	5°41'46	19°37	1°41	7°39	23°26	12°59	9°18	14° 8	8° 4	15°42	4°59	6°13	0°24	n.a.	F 9
S 10	16 29 11	6°38'56	2♓14	2°55	8°52	23°59	13°10	9°14	14° 7	8° 5	15°41	4°R59	6°10	0°31	n.a.	S 10
S 11	16 33 8	7°36'06	14°33	4° 5	10° 6	24°33	13°21	9° 9	14° 5	8° 6	15°39	4°59	6° 7	0°38	n.a.	S 11
M12	16 37 4	8°33'17	26°39	5°14	11°20	25° 7	13°32	9° 5	14° 3	8° 7	15°38	4°58	6° 4	0°44	n.a.	M12
T 13	16 41 1	9°30'29	8♈36	6°19	12°34	25°42	13°42	9° 1	14° 1	8° 9	15°36	4°56	6° 1	0°51	n.a.	T 13
W14	16 44 57	10°27'42	20°28	7°22	13°48	26°16	13°53	8°56	13°59	8°10	15°35	4°52	5°58	0°58	n.a.	W14
T 15	16 48 54	11°24'56	2♉20	8°23	15° 2	26°51	14° 4	8°52	13°58	8°11	15°34	4°48	5°54	1° 4	n.a.	T 15
F 16	16 52 50	12°22'12	14°13	9°20	16°16	27°26	14°14	8°47	13°56	8°13	15°32	4°45	5°51	1°11	n.a.	F 16
S 17	16 56 47	13°19'28	26°10	10°14	17°30	28° 1	14°24	8°43	13°54	8°14	15°31	4°41	5°48	1°18	n.a.	S 17
S 18	17 0 43	14°16'45	8♊15	11° 5	18°44	28°36	14°34	8°38	13°52	8°16	15°29	4°39	5°45	1°24	n.a.	S 18
M19	17 4 40	15°14'03	20°27	11°53	19°58	29°11	14°44	8°34	13°50	8°17	15°28	4°37	5°42	1°31	n.a.	M19
T 20	17 8 37	16°11'22	2♋50	12°37	21°12	29°47	14°54	8°30	13°48	8°19	15°26	4°D37	5°38	1°38	n.a.	T 20
W21	17 12 33	17° 8'42	15°24	13°18	22°26	0♍22	15° 4	8°25	13°46	8°20	15°25	4°37	5°35	1°45	n.a.	W21
T 22	17 16 30	18° 6'03	28°10	13°55	23°40	0°58	15°14	8°21	13°44	8°22	15°24	4°38	5°32	1°51	n.a.	T 22
F 23	17 20 26	19° 3'24	11♌10	14°28	24°54	1°34	15°23	8°17	13°42	8°23	15°22	4°39	5°29	1°58	n.a.	F 23
S 24	17 24 23	20° 0'47	24°26	14°56	26° 8	2°10	15°33	8°12	13°39	8°25	15°21	4°40	5°26	2° 5	n.a.	S 24
S 25	17 28 19	20°58'10	7♍58	15°21	27°22	2°46	15°42	8° 8	13°37	8°27	15°19	4°41	5°23	2°11	n.a.	S 25
M26	17 32 16	21°55'34	21°48	15°41	28°36	3°22	15°52	8° 4	13°35	8°28	15°18	4°R41	5°19	2°18	n.a.	M26
T 27	17 36 13	22°52'59	5♎55	15°56	29°50	3°59	16° 1	8° 0	13°33	8°30	15°16	4°41	5°16	2°25	n.a.	T 27
W28	17 40 9	23°50'24	20°17	16° 6	1♋ 4	4°35	16°10	7°55	13°31	8°32	15°15	4°40	5°13	2°32	n.a.	W28
T 29	17 44 6	24°47'51	4♏51	16°R11	2°18	5°12	16°19	7°51	13°29	8°33	15°14	4°39	5°10	2°38	n.a.	T 29
F 30	17 48 2	25♊45'19	19♏34	16♋11	3♋33	5♍49	16♈27	7♐47	13♑26	8♌35	15♐12	4♑38	5♑ 7	2♉45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 4	14s28	4s52	25n13	1n44	20n13	0n13	16n14	0n55	3n31	1s12	21s28	0n50	23s37	0s34	19n40	1n 6	25s32	2s29	23s44	23s40	15n54		n.a.
F 2	20 16	19 11	4 14	25 14	1 39	20 32	0 15	16 3	0 54	3 35	1 12	21 28	0 50	23 37	0 34	19 39	1 6	25 32	2 29	23 44	23 40	15 56		n.a.
S 3	20 29	22 40	3 18	25 14	1 33	20 50	0 18	15 51	0 52	3 40	1 12	21 27	0 50	23 37	0 34	19 39	1 6	25 32	2 29	23 44	23 40	15 58		n.a.
S 4	20 41	24 31	2 9	25 12	1 27	21 8	0 20	15 39	0 51	3 44	1 12	21 27	0 50	23 38	0 34	19 39	1 6	25 32	2 29	23 45	23 40	16 0		n.a.
M 5	20 53	24 38	0 53	25 8	1 21	21 25	0 22	15 27	0 50	3 49	1 12	21 26	0 50	23 38	0 34	19 38	1 6	25 32	2 29	23 45	23 41	16 3		n.a.
T 6	21 4	23 5	0n25	25 3	1 14	21 42	0 25	15 15	0 48	3 53	1 12	21 26	0 50	23 38	0 34	19 38	1 6	25 32	2 29	23 45	23 41	16 5		n.a.
W 7	21 16	20 11	1 39	24 56	1 6	21 58	0 27	15 2	0 47	3 58	1 12	21 25	0 50	23 38	0 34	19 38	1 6	25 32	2 29	23 45	23 41	16 7		n.a.
T 8	21 26	16 16	2 45	24 49	0 59	22 13	0 29	14 50	0 45	4 2	1 12	21 24	0 50	23 38	0 34	19 37	1 6	25 32	2 29	23 45	23 41	16 9		n.a.
F 9	21 37	11 42	3 41	24 40	0 50	22 28	0 31	14 38	0 44	4 6	1 12	21 24	0 50	23 39	0 34	19 37	1 6	25 32	2 29	23 44	23 41	16 11		n.a.
S 10	21 47	6 45	4 24	24 30	0 41	22 42	0 34	14 25	0 43	4 10	1 13	21 23	0 50	23 39	0 34	19 37	1 6	25 32	2 30	23 44	23 41	16 13		n.a.
S 11	21 56	1 40	4 54	24 18	0 32	22 55	0 36	14 12	0 42	4 15	1 13	21 23	0 49	23 39	0 34	19 36	1 6	25 32	2 30	23 44	23 42	16 15		n.a.
M12	22 6	3n23	5 10	24 6	0 23	23 8	0 38	13 59	0 40	4 19	1 13	21 22	0 49	23 39	0 35	19 36	1 6	25 32	2 30	23 44	23 42	16 17		n.a.
T 13	22 15	8 14	5 13	23 53	0 12	23 20	0 40	13 46	0 39	4 23	1 13	21 21	0 49	23 39	0 35	19 36	1 6	25 32	2 30	23 45	23 42	16 19		n.a.
W14	22 23	12 46	5 2	23 40	0 2	23 32	0 42	13 33	0 38	4 27	1 13	21 21	0 49	23 40	0 35	19 35	1 6	25 32	2 30	23 45	23 42	16 21		n.a.
T 15	22 31	16 49	4 38	23 25	0s 9	23 43	0 44	13 20	0 36	4 31	1 13	21 20	0 49	23 40	0 35	19 35	1 6	25 31	2 30	23 45	23 42	16 23		n.a.
F 16	22 39	20 13	4 3	23 10	0 20	23 53	0 46	13 7	0 35	4 35	1 13	21 20	0 49	23 40	0 35	19 34	1 6	25 31	2 30	23 45	23 42	16 26		n.a.
S 17	22 47	22 47	3 16	22 55	0 31	24 2	0 48	12 53	0 34	4 39	1 13	21 19	0 49	23 40	0 35	19 34	1 6	25 31	2 30	23 45	23 42	16 28		n.a.
S 18	22 54	24 21	2 20	22 39	0 43	24 11	0 50	12 40	0 33	4 43	1 13	21 18	0 49	23 41	0 35	19 34	1 6	25 31	2 30	23 45	23 43	16 30		n.a.
M19	23 0	24 46	1 17	22 23	0 55	24 19	0 52	12 26	0 31	4 46	1 14	21 18	0 49	23 41	0 35	19 33	1 6	25 31	2 30	23 45	23 43	16 32		n.a.
T 20	23 6	23 58	0 10	22 6	1 8	24 26	0 54	12 12	0 30	4 50	1 14	21 17	0 49	23 41	0 35	19 33	1 6	25 31	2 31	23 45	23 43	16 34		n.a.
W21	23 12	21 57	0s59	21 50	1 20	24 33	0 56	11 59	0 29	4 54	1 14	21 17	0 49	23 41	0 35	19 32	1 6	25 31	2 31	23 45	23 43	16 36		n.a.
T 22	23 18	18 48	2 7	21 33	1 33	24 38	0 58	11 45	0 28	4 58	1 14	21 16	0 48	23 41	0 35	19 32	1 6	25 31	2 31	23 45	23 43	16 38		n.a.
F 23	23 23	14 41	3 9	21 17	1 46	24 43	0 59	11 30	0 26	5 1	1 14	21 15	0 48	23 42	0 35	19 31	1 6	25 31	2 31	23 45	23 43	16 40		n.a.
S 24	23 27	9 48	4 2	21 1	1 59	24 48	1 1	11 16	0 25	5 5	1 14	21 15	0 48	23 42	0 35	19 31	1 6	25 31	2 31	23 45	23 43	16 42		n.a.
S 25	23 31	4 21	4 43	20 45	2 12	24 51	1 3	11 2	0 24	5 8	1 14	21 14	0 48	23 42	0 35	19 31	1 6	25 31	2 31	23 45	23 44	16 44		n.a.
M26	23 35	1s24	5 8	20 30	2 25	24 54	1 4	10 47	0 23	5 12	1 14	21 14	0 48	23 42	0 35	19 30	1 6	25 31	2 31	23 45	23 44	16 46		n.a.
T 27	23 38	7 13	5 16	20 15	2 38	24 56	1 6	10 33	0 22	5 15	1 15	21 13	0 48	23 43	0 35	19 30	1 6	25 31	2 31	23 45	23 44	16 48		n.a.
W28	23 41	12 44	5 5	20 1	2 51	24 57	1 7	10 18	0 21	5 19	1 15	21 12	0 48	23 43	0 35	19 29	1 6	25 31	2 31	23 45	23 44	16 50		n.a.
T 29	23 44	17 38	4 34	19 48	3 4	24 58	1 9	10 4	0 19	5 22	1 15	21 12	0 48	23 43	0 35	19 29	1 6	25 30	2 31	23 45	23 44	16 52		n.a.
F 30	23n46	21s30	3s44	19n36	3s16	24n58	1n10	9n49	0n18	5n25	1s15	21s11	0n48	23s43	0s35	19n28	1n 6	25s30	2s31	23s45	23s44	16n54		n.a.

Julian Day Number = 1286196.5, Delta T = 08h03m30s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'21, Lahiri = -20°24'20 Julian Calendar 1 June 1192 BCE == Greg. Calendar 21 May 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

JULY 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 59	26♊42'47	4♐17	16°R 6	4♋47	6♍26	16♈36	7°R43	13°R24	8♎37	15°R11	4°R37	5♑ 3	2♉52	n.a.	S 1
S 2	17 55 55	27°40'17	18°56	15♋55	6° 1	7° 3	16°45	7♐39	13♑22	8°39	15♐ 9	4♑37	5° 0	2°58	n.a.	S 2
M 3	17 59 52	28°37'49	3♑22	15°39	7°15	7°41	16°53	7°35	13°20	8°40	15° 8	4°D37	4°57	3° 5	n.a.	M 3
T 4	18 3 48	29°35'21	17°31	15°17	8°29	8°18	17° 1	7°31	13°17	8°42	15° 7	4°37	4°54	3°12	n.a.	T 4
W 5	18 7 45	0♋32'56	1♒18	14°50	9°43	8°56	17° 9	7°27	13°15	8°44	15° 5	4°37	4°51	3°19	n.a.	W 5
T 6	18 11 42	1°30'31	14°42	14°18	10°57	9°33	17°17	7°23	13°13	8°46	15° 4	4°37	4°48	3°25	n.a.	T 6
F 7	18 15 38	2°28'08	27°44	13°42	12°12	10°11	17°25	7°20	13°10	8°48	15° 3	4°38	4°44	3°32	n.a.	F 7
S 8	18 19 35	3°25'47	10♓24	13° 1	13°26	10°49	17°33	7°16	13° 8	8°50	15° 1	4°38	4°41	3°39	n.a.	S 8
S 9	18 23 31	4°23'28	22°46	12°16	14°40	11°27	17°41	7°12	13° 6	8°51	15° 0	4°R38	4°38	3°45	n.a.	S 9
M10	18 27 28	5°21'10	4♈54	11°28	15°54	12° 5	17°48	7° 8	13° 3	8°53	14°59	4°D38	4°35	3°52	n.a.	M10
T 11	18 31 24	6°18'54	16°52	10°38	17° 8	12°44	17°55	7° 5	13° 1	8°55	14°57	4°38	4°32	3°59	n.a.	T 11
W12	18 35 21	7°16'40	28°44	9°46	18°23	13°22	18° 2	7° 1	12°58	8°57	14°56	4°38	4°29	4° 5	n.a.	W12
T 13	18 39 17	8°14'28	10♉36	8°54	19°37	14° 0	18° 9	6°58	12°56	8°59	14°55	4°38	4°25	4°12	n.a.	T 13
F 14	18 43 14	9°12'18	22°32	8° 2	20°51	14°39	18°16	6°54	12°54	9° 1	14°53	4°39	4°22	4°19	n.a.	F 14
S 15	18 47 11	10°10'09	4♊34	7°12	22° 5	15°18	18°23	6°51	12°51	9° 3	14°52	4°39	4°19	4°26	n.a.	S 15
S 16	18 51 7	11° 8'03	16°47	6°24	23°20	15°57	18°30	6°48	12°49	9° 5	14°51	4°40	4°16	4°32	n.a.	S 16
M17	18 55 4	12° 5'58	29°12	5°40	24°34	16°36	18°36	6°45	12°47	9° 7	14°50	4°R40	4°13	4°39	n.a.	M17
T 18	18 59 0	13° 3'55	11♋51	5° 1	25°48	17°15	18°42	6°41	12°44	9° 9	14°49	4°40	4° 9	4°46	n.a.	T 18
W19	19 2 57	14° 1'54	24°45	4°27	27° 3	17°54	18°48	6°38	12°42	9°11	14°47	4°40	4° 6	4°52	n.a.	W19
T 20	19 6 53	14°59'54	7♌54	4° 0	28°17	18°34	18°54	6°35	12°39	9°13	14°46	4°39	4° 3	4°59	n.a.	T 20
F 21	19 10 50	15°57'56	21°16	3°39	29°31	19°13	19° 0	6°32	12°37	9°15	14°45	4°37	4° 0	5° 6	n.a.	F 21
S 22	19 14 46	16°56'00	4♍53	3°27	0♌45	19°53	19° 6	6°30	12°35	9°18	14°44	4°36	3°57	5°13	n.a.	S 22
S 23	19 18 43	17°54'05	18°40	3°D21	2° 0	20°33	19°11	6°27	12°32	9°20	14°43	4°34	3°54	5°19	n.a.	S 23
M24	19 22 40	18°52'12	2♎38	3°25	3°14	21°13	19°16	6°24	12°30	9°22	14°41	4°33	3°50	5°26	n.a.	M24
T 25	19 26 36	19°50'20	16°45	3°36	4°28	21°52	19°21	6°22	12°27	9°24	14°40	4°D33	3°47	5°33	n.a.	T 25
W26	19 30 33	20°48'30	0♏57	3°56	5°43	22°33	19°26	6°19	12°25	9°26	14°39	4°33	3°44	5°39	n.a.	W26
T 27	19 34 29	21°46'41	15°14	4°25	6°57	23°13	19°31	6°17	12°23	9°28	14°38	4°34	3°41	5°46	n.a.	T 27
F 28	19 38 26	22°44'55	29°32	5° 1	8°11	23°53	19°36	6°14	12°20	9°30	14°37	4°35	3°38	5°53	n.a.	F 28
S 29	19 42 22	23°43'10	13♐48	5°46	9°26	24°33	19°40	6°12	12°18	9°32	14°36	4°36	3°35	5°59	n.a.	S 29
S 30	19 46 19	24°41'26	28° 0	6°39	10°40	25°14	19°44	6°10	12°16	9°35	14°35	4°R37	3°31	6° 6	n.a.	S 30
M31	19 50 15	25♋39'45	12♑ 2	7♋39	11♌54	25♍54	19♈48	6♐ 8	12♑13	9♎37	14♐34	4♑37	3♑28	6♉13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	23 s59	2 s40	19n24	3 s28	24n57	1n12	9n34	0n17	5n29	1 s15	21 s11	0n47	23 s44	0 s35	19n28	1n 6	25 s30	2 s31	23 s45	23 s44	16n56		n.a.
S 2	23 49	24 48	1 26	19 14	3 39	24 55	1 13	9 19	0 16	5 32	1 15	21 10	0 47	23 44	0 35	19 27	1 6	25 30	2 31	23 45	23 44	16 58		n.a.
M 3	23 50	23 54	0 7	19 6	3 50	24 52	1 14	9 4	0 15	5 35	1 15	21 10	0 47	23 44	0 35	19 27	1 6	25 30	2 32	23 45	23 45	17 0		n.a.
T 4	23 50	21 30	1n11	18 58	4 0	24 49	1 16	8 48	0 14	5 38	1 16	21 9	0 47	23 44	0 35	19 26	1 6	25 30	2 32	23 45	23 45	17 2		n.a.
W 5	23 50	17 53	2 23	18 52	4 9	24 45	1 17	8 33	0 13	5 41	1 16	21 9	0 47	23 45	0 35	19 26	1 6	25 30	2 32	23 45	23 45	17 4		n.a.
T 6	23 50	13 26	3 25	18 48	4 17	24 40	1 18	8 18	0 12	5 44	1 16	21 8	0 47	23 45	0 35	19 25	1 6	25 30	2 32	23 45	23 45	17 6		n.a.
F 7	23 49	8 30	4 14	18 45	4 23	24 35	1 19	8 2	0 10	5 47	1 16	21 8	0 47	23 45	0 35	19 25	1 6	25 30	2 32	23 45	23 45	17 8		n.a.
S 8	23 47	3 20	4 49	18 44	4 29	24 28	1 20	7 47	0 9	5 50	1 16	21 7	0 47	23 45	0 35	19 24	1 6	25 30	2 32	23 45	23 45	17 10		n.a.
S 9	23 46	1n49	5 10	18 45	4 32	24 21	1 21	7 31	0 8	5 52	1 16	21 7	0 46	23 46	0 35	19 24	1 6	25 30	2 32	23 45	23 45	17 12		n.a.
M10	23 44	6 49	5 17	18 47	4 34	24 14	1 22	7 15	0 7	5 55	1 17	21 6	0 46	23 46	0 35	19 23	1 6	25 29	2 32	23 45	23 45	17 14		n.a.
T 11	23 41	11 29	5 10	18 51	4 34	24 5	1 23	6 59	0 6	5 58	1 17	21 6	0 46	23 46	0 35	19 23	1 6	25 29	2 32	23 45	23 45	17 15		n.a.
W12	23 38	15 42	4 50	18 56	4 33	23 56	1 23	6 43	0 5	6 0	1 17	21 5	0 46	23 46	0 35	19 22	1 6	25 29	2 32	23 45	23 46	17 17		n.a.
T 13	23 35	19 18	4 17	19 4	4 29	23 46	1 24	6 27	0 4	6 3	1 17	21 5	0 46	23 47	0 35	19 22	1 6	25 29	2 32	23 45	23 46	17 19		n.a.
F 14	23 31	22 8	3 33	19 12	4 23	23 35	1 25	6 11	0 3	6 6	1 17	21 4	0 46	23 47	0 35	19 21	1 6	25 29	2 32	23 45	23 46	17 21		n.a.
S 15	23 26	24 1	2 39	19 23	4 16	23 24	1 25	5 55	0 2	6 8	1 17	21 4	0 46	23 47	0 35	19 21	1 6	25 29	2 32	23 45	23 46	17 23		n.a.
S 16	23 22	24 47	1 38	19 34	4 7	23 11	1 26	5 39	0 1	6 10	1 18	21 3	0 46	23 47	0 35	19 20	1 6	25 29	2 32	23 45	23 46	17 25		n.a.
M17	23 16	24 20	0 30	19 47	3 56	22 59	1 26	5 22	0 s 0	6 13	1 18	21 3	0 45	23 48	0 35	19 19	1 6	25 29	2 32	23 45	23 46	17 27		n.a.
T 18	23 11	22 38	0 s40	20 1	3 44	22 45	1 27	5 6	0 1	6 15	1 18	21 3	0 45	23 48	0 35	19 19	1 6	25 29	2 32	23 45	23 46	17 29		n.a.
W19	23 5	19 45	1 49	20 16	3 30	22 31	1 27	4 49	0 2	6 17	1 18	21 2	0 45	23 48	0 35	19 18	1 6	25 29	2 33	23 45	23 46	17 31		n.a.
T 20	22 59	15 48	2 54	20 32	3 15	22 16	1 27	4 33	0 3	6 19	1 18	21 2	0 45	23 48	0 35	19 18	1 5	25 29	2 33	23 45	23 46	17 33		n.a.
F 21	22 52	11 1	3 50	20 48	2 59	22 1	1 27	4 16	0 4	6 21	1 18	21 1	0 45	23 49	0 35	19 17	1 5	25 28	2 33	23 45	23 46	17 35		n.a.
S 22	22 45	5 38	4 35	21 5	2 43	21 45	1 27	4 0	0 5	6 23	1 19	21 1	0 45	23 49	0 35	19 17	1 5	25 28	2 33	23 45	23 47	17 37		n.a.
S 23	22 37	0 s 6	5 4	21 22	2 25	21 28	1 28	3 43	0 6	6 25	1 19	21 1	0 45	23 49	0 35	19 16	1 5	25 28	2 33	23 45	23 47	17 38		n.a.
M24	22 29	5 53	5 16	21 40	2 8	21 10	1 28	3 26	0 7	6 27	1 19	21 0	0 44	23 49	0 35	19 15	1 5	25 28	2 33	23 45	23 47	17 40		n.a.
T 25	22 21	11 25	5 9	21 57	1 50	20 52	1 27	3 9	0 8	6 29	1 19	21 0	0 44	23 49	0 35	19 15	1 5	25 28	2 33	23 45	23 47	17 42		n.a.
W26	22 12	16 24	4 43	22 14	1 33	20 34	1 27	2 52	0 9	6 30	1 19	21 0	0 44	23 50	0 35	19 14	1 5	25 28	2 33	23 45	23 47	17 44		n.a.
T 27	22 2	20 29	4 0	22 31	1 15	20 15	1 27	2 35	0 10	6 32	1 20	20 59	0 44	23 50	0 35	19 14	1 5	25 28	2 33	23 45	23 47	17 46		n.a.
F 28	21 53	23 20	3 2	22 46	0 58	19 55	1 27	2 18	0 11	6 34	1 20	20 59	0 44	23 50	0 35	19 13	1 5	25 28	2 33	23 45	23 47	17 48		n.a.
S 29	21 43	24 42	1 52	23 1	0 41	19 35	1 26	2 1	0 12	6 35	1 20	20 59	0 44	23 50	0 35	19 13	1 5	25 28	2 33	23 45	23 47	17 50		n.a.
S 30	21 32	24 26	0 36	23 15	0 25	19 14	1 26	1 44	0 13	6 37	1 20	20 59	0 44	23 51	0 35	19 12	1 5	25 28	2 33	23 45	23 47	17 51		n.a.
M31	21n22	22 s36	0n41	23n27	0 s10	18n52	1n26	1n27	0 s14	6n38	1 s20	20 s58	0n43	23 s51	0 s35	19n11	1n 5	25 s28	2 s33	23 s45	23 s47	17n53		n.a.

Julian Day Number = 1286226.5, Delta T = 08h03m28s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'17, Lahiri = -20°24'16 Julian Calendar 1 July 1192 BCE == Greg. Calendar 20 June 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

AUGUST 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 12	26♋38'05	25♉52	8♋45	13♌ 9	26♍35	19♈52	6°R 6	12°R11	9♌39	14°R33	4°R36	3♉25	6♉20	n.a.	T 1
W 2	19 58 9	27°36'27	9♒26	9°59	14°23	27°16	19°56	6♐ 4	12♉ 9	9°41	14♐32	4♉34	3°22	6°26	n.a.	W 2
T 3	20 2 5	28°34'51	22°43	11°18	15°37	27°57	19°59	6° 2	12° 7	9°43	14°31	4°30	3°19	6°33	n.a.	T 3
F 4	20 6 2	29°33'18	5♓40	12°43	16°51	28°38	20° 3	6° 0	12° 4	9°46	14°30	4°26	3°15	6°40	n.a.	F 4
S 5	20 9 58	0♌31'46	18°19	14°13	18° 6	29°19	20° 6	5°58	12° 2	9°48	14°29	4°22	3°12	6°46	n.a.	S 5
S 6	20 13 55	1°30'17	0♈42	15°47	19°20	0♎ 0	20° 9	5°57	12° 0	9°50	14°29	4°19	3° 9	6°53	n.a.	S 6
M 7	20 17 51	2°28'50	12°50	17°24	20°34	0°41	20°11	5°55	11°58	9°52	14°28	4°16	3° 6	7° 0	n.a.	M 7
T 8	20 21 48	3°27'26	24°48	19° 5	21°49	1°23	20°14	5°54	11°55	9°54	14°27	4°14	3° 3	7° 6	n.a.	T 8
W 9	20 25 44	4°26'04	6♉41	20°49	23° 3	2° 4	20°16	5°53	11°53	9°57	14°26	4°D14	3° 0	7°13	n.a.	W 9
T 10	20 29 41	5°24'44	18°32	22°35	24°17	2°46	20°18	5°51	11°51	9°59	14°25	4°15	2°56	7°20	n.a.	T 10
F 11	20 33 37	6°23'26	0♊28	24°22	25°32	3°27	20°20	5°50	11°49	10° 1	14°24	4°16	2°53	7°27	n.a.	F 11
S 12	20 37 34	7°22'11	12°33	26°11	26°46	4° 9	20°22	5°49	11°47	10° 3	14°24	4°18	2°50	7°33	n.a.	S 12
S 13	20 41 31	8°20'59	24°51	28° 1	28° 0	4°51	20°24	5°48	11°45	10° 6	14°23	4°19	2°47	7°40	n.a.	S 13
M14	20 45 27	9°19'48	7♋25	29°52	29°15	5°33	20°25	5°48	11°43	10° 8	14°22	4°R20	2°44	7°47	n.a.	M14
T 15	20 49 24	10°18'40	20°19	1♌43	0♍29	6°15	20°26	5°47	11°41	10°10	14°22	4°19	2°41	7°53	n.a.	T 15
W16	20 53 20	11°17'35	3♌32	3°34	1°43	6°57	20°27	5°46	11°39	10°12	14°21	4°16	2°37	8° 0	n.a.	W16
T 17	20 57 17	12°16'31	17° 5	5°26	2°58	7°40	20°28	5°46	11°37	10°14	14°20	4°11	2°34	8° 7	n.a.	T 17
F 18	21 1 13	13°15'30	0♍55	7°17	4°12	8°22	20°29	5°45	11°35	10°17	14°20	4° 5	2°31	8°13	n.a.	F 18
S 19	21 5 10	14°14'30	14°59	9° 7	5°26	9° 4	20°29	5°45	11°33	10°19	14°19	3°59	2°28	8°20	n.a.	S 19
S 20	21 9 6	15°13'33	29°12	10°57	6°40	9°47	20°R30	5°45	11°31	10°21	14°19	3°52	2°25	8°27	n.a.	S 20
M21	21 13 3	16°12'37	13♎29	12°47	7°55	10°29	20°29	5°45	11°29	10°23	14°18	3°47	2°21	8°34	n.a.	M21
T 22	21 17 0	17°11'44	27°46	14°36	9° 9	11°12	20°29	5°D45	11°28	10°26	14°18	3°44	2°18	8°40	n.a.	T 22
W23	21 20 56	18°10'52	12♏ 0	16°24	10°23	11°55	20°29	5°45	11°26	10°28	14°17	3°D42	2°15	8°47	n.a.	W23
T 24	21 24 53	19°10'02	26° 8	18°12	11°38	12°38	20°28	5°45	11°24	10°30	14°17	3°42	2°12	8°54	n.a.	T 24
F 25	21 28 49	20° 9'14	10♐10	19°58	12°52	13°21	20°27	5°45	11°22	10°32	14°16	3°43	2° 9	9° 0	n.a.	F 25
S 26	21 32 46	21° 8'29	24° 3	21°44	14° 6	14° 4	20°26	5°45	11°21	10°34	14°16	3°44	2° 6	9° 7	n.a.	S 26
S 27	21 36 42	22° 7'45	7♑48	23°29	15°20	14°47	20°25	5°46	11°19	10°37	14°16	3°R45	2° 2	9°14	n.a.	S 27
M28	21 40 39	23° 7'03	21°24	25°14	16°35	15°30	20°24	5°46	11°17	10°39	14°15	3°43	1°59	9°20	n.a.	M28
T 29	21 44 35	24° 6'23	4♒49	26°57	17°49	16°13	20°22	5°47	11°16	10°41	14°15	3°39	1°56	9°27	n.a.	T 29
W30	21 48 32	25° 5'45	18° 3	28°40	19° 3	16°57	20°20	5°48	11°14	10°43	14°15	3°33	1°53	9°34	n.a.	W30
T 31	21 52 28	26♌ 5'09	1♓ 3	0♍22	20♍17	17♎40	20♈18	5♐49	11♑13	10♌45	14♐15	3♑25	1♑50	9♉41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n11	19s27	1n54	23n37	0n 5	18n30	1n25	1n 9	0s15	6n39	1s20	20s58	0n43	23s51	0s35	19n11	1n 5	25s28	2s33	23s45	23s47	17n55		n.a.
W 2	20 59	15 18	3 0	23 45	0 18	18 8	1 24	0 52	0 16	6 41	1 21	20 58	0 43	23 51	0 35	19 10	1 5	25 27	2 33	23 45	23 48	17 57		n.a.
T 3	20 47	10 29	3 54	23 52	0 31	17 45	1 24	0 35	0 16	6 42	1 21	20 58	0 43	23 51	0 35	19 10	1 5	25 27	2 33	23 45	23 48	17 59		n.a.
F 4	20 35	5 20	4 35	23 56	0 43	17 21	1 23	0 17	0 17	6 43	1 21	20 58	0 43	23 52	0 35	19 9	1 6	25 27	2 33	23 46	23 48	18 1		n.a.
S 5	20 22	0 5	5 1	23 57	0 54	16 57	1 22	0s 0	0 18	6 44	1 21	20 58	0 43	23 52	0 35	19 8	1 6	25 27	2 33	23 46	23 48	18 2		n.a.
S 6	20 9	5n 3	5 13	23 56	1 4	16 33	1 21	0 18	0 19	6 45	1 21	20 57	0 43	23 52	0 35	19 8	1 6	25 27	2 33	23 46	23 48	18 4		n.a.
M 7	19 56	9 53	5 10	23 53	1 13	16 8	1 20	0 35	0 20	6 46	1 22	20 57	0 42	23 52	0 35	19 7	1 6	25 27	2 33	23 46	23 48	18 6		n.a.
T 8	19 42	14 18	4 53	23 47	1 20	15 43	1 19	0 53	0 21	6 47	1 22	20 57	0 42	23 52	0 35	19 7	1 6	25 27	2 33	23 46	23 48	18 8		n.a.
W 9	19 28	18 7	4 25	23 38	1 27	15 17	1 18	1 10	0 22	6 47	1 22	20 57	0 42	23 53	0 35	19 6	1 6	25 27	2 33	23 46	23 48	18 10		n.a.
T 10	19 14	21 13	3 45	23 26	1 33	14 51	1 17	1 28	0 23	6 48	1 22	20 57	0 42	23 53	0 35	19 5	1 6	25 27	2 33	23 46	23 48	18 11		n.a.
F 11	18 59	23 26	2 55	23 12	1 38	14 24	1 16	1 45	0 23	6 48	1 22	20 57	0 42	23 53	0 35	19 5	1 6	25 27	2 33	23 46	23 48	18 13		n.a.
S 12	18 44	24 36	1 56	22 56	1 42	13 58	1 14	2 3	0 24	6 49	1 22	20 57	0 42	23 53	0 35	19 4	1 6	25 27	2 33	23 46	23 48	18 15		n.a.
S 13	18 29	24 36	0 52	22 37	1 45	13 30	1 13	2 21	0 25	6 49	1 23	20 57	0 42	23 53	0 35	19 4	1 6	25 27	2 33	23 46	23 48	18 17		n.a.
M14	18 13	23 21	0s17	22 16	1 48	13 3	1 12	2 38	0 26	6 50	1 23	20 57	0 41	23 54	0 35	19 3	1 6	25 27	2 34	23 46	23 48	18 19		n.a.
T 15	17 57	20 51	1 26	21 53	1 49	12 35	1 10	2 56	0 27	6 50	1 23	20 57	0 41	23 54	0 35	19 2	1 6	25 27	2 34	23 46	23 49	18 20		n.a.
W16	17 41	17 13	2 32	21 28	1 50	12 6	1 9	3 14	0 28	6 50	1 23	20 57	0 41	23 54	0 35	19 2	1 6	25 27	2 34	23 46	23 49	18 22		n.a.
T 17	17 24	12 37	3 31	21 1	1 51	11 38	1 7	3 31	0 28	6 50	1 23	20 57	0 41	23 54	0 35	19 1	1 6	25 27	2 34	23 46	23 49	18 24		n.a.
F 18	17 7	7 17	4 19	20 32	1 50	11 9	1 5	3 49	0 29	6 51	1 24	20 57	0 41	23 54	0 35	19 1	1 6	25 26	2 34	23 46	23 49	18 26		n.a.
S 19	16 50	1 31	4 53	20 1	1 49	10 39	1 4	4 7	0 30	6 50	1 24	20 57	0 41	23 54	0 35	19 0	1 6	25 26	2 34	23 47	23 49	18 27		n.a.
S 20	16 32	4s22	5 8	19 29	1 48	10 10	1 2	4 24	0 31	6 50	1 24	20 57	0 41	23 54	0 35	18 59	1 6	25 26	2 34	23 47	23 49	18 29		n.a.
M21	16 14	10 4	5 5	18 56	1 45	9 40	1 0	4 42	0 32	6 50	1 24	20 57	0 40	23 55	0 35	18 59	1 6	25 26	2 34	23 47	23 49	18 31		n.a.
T 22	15 56	15 14	4 43	18 22	1 43	9 10	0 58	5 0	0 32	6 50	1 24	20 58	0 40	23 55	0 35	18 58	1 6	25 26	2 34	23 47	23 49	18 33		n.a.
W23	15 38	19 32	4 3	17 46	1 40	8 40	0 56	5 18	0 33	6 50	1 24	20 58	0 40	23 55	0 35	18 58	1 6	25 26	2 34	23 47	23 49	18 34		n.a.
T 24	15 19	22 40	3 9	17 9	1 37	8 9	0 54	5 35	0 34	6 49	1 25	20 58	0 40	23 55	0 35	18 57	1 6	25 26	2 34	23 47	23 49	18 36		n.a.
F 25	15 0	24 23	2 4	16 32	1 33	7 39	0 52	5 53	0 35	6 49	1 25	20 58	0 40	23 55	0 35	18 56	1 6	25 26	2 34	23 47	23 49	18 38		n.a.
S 26	14 41	24 34	0 52	15 53	1 29	7 8	0 50	6 11	0 35	6 48	1 25	20 58	0 40	23 55	0 35	18 56	1 6	25 26	2 34	23 47	23 49	18 39		n.a.
S 27	14 22	23 14	0n22	15 14	1 24	6 37	0 48	6 28	0 36	6 48	1 25	20 59	0 39	23 55	0 35	18 55	1 6	25 26	2 34	23 47	23 49	18 41		n.a.
M28	14 2	20 34	1 34	14 34	1 19	6 5	0 46	6 46	0 37	6 47	1 25	20 59	0 39	23 56	0 35	18 55	1 6	25 26	2 34	23 47	23 49	18 43		n.a.
T 29	13 42	16 48	2 39	13 54	1 14	5 34	0 44	7 4	0 38	6 46	1 25	20 59	0 39	23 56	0 35	18 54	1 6	25 26	2 34	23 47	23 49	18 45		n.a.
W30	13 22	12 16	3 35	13 13	1 9	5 2	0 41	7 21	0 38	6 45	1 26	20 59	0 39	23 56	0 35	18 53	1 6	25 26	2 34	23 47	23 49	18 46		n.a.
T 31	13n 2	7s16	4n18	12n31	1n 4	4n31	0n39	7s39	0s39	6n44	1s26	21s 0	0n39	23s56	0s35	18n53	1n 6	25s26	2s34	23s47	23s49	18n48		n.a.

Julian Day Number = 1286257.5, Delta T = 08h03m27s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'13, Lahiri = -20°24'12 Julian Calendar 1 Aug. 1192 BCE == Greg. Calendar 21 July 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

SEPTEMBER 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 56 25	27♌ 4'35	13♓50	2♍ 3	21♍31	18♎24	20°R16	5♐50	11°R11	10♌48	14°R14	3°R15	1♑47	9♉47	n.a.	F 1
S 2	22 0 22	28° 4'04	26°22	3°43	22°45	19° 7	20♈14	5°51	11♑10	10°50	14♐14	3♑ 5	1°43	9°54	n.a.	S 2
S 3	22 4 18	29° 3'35	8♈40	5°23	24° 0	19°51	20°11	5°52	11° 9	10°52	14°14	2°55	1°40	10° 1	n.a.	S 3
M 4	22 8 15	0♍ 3'08	20°46	7° 2	25°14	20°35	20° 8	5°53	11° 7	10°54	14°14	2°47	1°37	10° 7	n.a.	M 4
T 5	22 12 11	1° 2'44	2♉42	8°40	26°28	21°18	20° 5	5°55	11° 6	10°56	14°14	2°41	1°34	10°14	n.a.	T 5
W 6	22 16 8	2° 2'22	14°33	10°17	27°42	22° 2	20° 2	5°56	11° 5	10°58	14°14	2°37	1°31	10°21	n.a.	W 6
T 7	22 20 4	3° 2'03	26°23	11°54	28°56	22°46	19°59	5°58	11° 4	11° 0	14°14	2°35	1°27	10°27	n.a.	T 7
F 8	22 24 1	4° 1'46	8♊17	13°30	0♎10	23°30	19°55	5°59	11° 2	11° 2	14°D14	2°D35	1°24	10°34	n.a.	F 8
S 9	22 27 57	5° 1'31	20°20	15° 6	1°24	24°14	19°52	6° 1	11° 1	11° 5	14°14	2°35	1°21	10°41	n.a.	S 9
S 10	22 31 54	6° 1'19	2♋38	16°41	2°38	24°59	19°48	6° 3	11° 0	11° 7	14°14	2°R36	1°18	10°47	n.a.	S 10
M11	22 35 50	7° 1'09	15°15	18°15	3°52	25°43	19°44	6° 5	10°59	11° 9	14°14	2°35	1°15	10°54	n.a.	M11
T 12	22 39 47	8° 1'02	28°15	19°48	5° 6	26°27	19°39	6° 7	10°58	11°11	14°14	2°32	1°12	11° 1	n.a.	T 12
W13	22 43 44	9° 0'57	11♌41	21°21	6°21	27°12	19°35	6° 9	10°57	11°13	14°14	2°27	1° 8	11° 8	n.a.	W13
T 14	22 47 40	10° 0'54	25°32	22°54	7°35	27°56	19°30	6°11	10°56	11°15	14°14	2°19	1° 5	11°14	n.a.	T 14
F 15	22 51 37	11° 0'53	9♍45	24°25	8°49	28°41	19°25	6°14	10°56	11°17	14°14	2° 9	1° 2	11°21	n.a.	F 15
S 16	22 55 33	12° 0'54	24°16	25°57	10° 3	29°25	19°20	6°16	10°55	11°19	14°15	1°58	0°59	11°28	n.a.	S 16
S 17	22 59 30	13° 0'57	8♎58	27°27	11°17	0♏10	19°15	6°19	10°54	11°21	14°15	1°47	0°56	11°34	n.a.	S 17
M18	23 3 26	14° 1'02	23°41	28°57	12°31	0°55	19°10	6°21	10°53	11°23	14°15	1°37	0°52	11°41	n.a.	M18
T 19	23 7 23	15° 1'09	8♏19	0♎27	13°45	1°39	19° 4	6°24	10°53	11°25	14°16	1°30	0°49	11°48	n.a.	T 19
W20	23 11 19	16° 1'18	22°47	1°56	14°59	2°24	18°58	6°27	10°52	11°27	14°16	1°26	0°46	11°54	n.a.	W20
T 21	23 15 16	17° 1'28	7♐ 0	3°24	16°12	3° 9	18°53	6°30	10°51	11°28	14°16	1°24	0°43	12° 1	n.a.	T 21
F 22	23 19 13	18° 1'41	20°57	4°52	17°26	3°54	18°47	6°33	10°51	11°30	14°17	1°D24	0°40	12° 8	n.a.	F 22
S 23	23 23 9	19° 1'55	4♑39	6°19	18°40	4°39	18°41	6°36	10°51	11°32	14°17	1°R24	0°37	12°14	n.a.	S 23
S 24	23 27 6	20° 2'10	18° 7	7°45	19°54	5°24	18°34	6°39	10°50	11°34	14°18	1°23	0°33	12°21	n.a.	S 24
M25	23 31 2	21° 2'27	1♒21	9°11	21° 8	6°10	18°28	6°42	10°50	11°36	14°18	1°20	0°30	12°28	n.a.	M25
T 26	23 34 59	22° 2'46	14°24	10°36	22°22	6°55	18°21	6°45	10°49	11°38	14°19	1°14	0°27	12°35	n.a.	T 26
W27	23 38 55	23° 3'06	27°16	12° 0	23°36	7°40	18°15	6°49	10°49	11°39	14°19	1° 5	0°24	12°41	n.a.	W27
T 28	23 42 52	24° 3'28	9♓57	13°24	24°49	8°26	18° 8	6°52	10°49	11°41	14°20	0°54	0°21	12°48	n.a.	T 28
F 29	23 46 48	25° 3'52	22°27	14°47	26° 3	9°11	18° 1	6°56	10°49	11°43	14°20	0°40	0°18	12°55	n.a.	F 29
S 30	23 50 45	26♍ 4'18	4♈47	16♎ 8	27♎17	9♏56	17♈54	7♐ 0	10♑49	11♌45	14♐21	0♑25	0♑14	13♉ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n41	2s 3	4n48	11n49	0n58	3n59	0n37	7s56	0s40	6n43	1s26	21s 0	0n39	23s56	0s35	18n52	1n 6	25s26	2s34	23s48	23s49	18n50		n.a.
S 2	12 21	3n 9	5 3	11 7	0 52	3 27	0 34	8 14	0 41	6 42	1 26	21 0	0 39	23 56	0 35	18 52	1 6	25 26	2 34	23 48	23 50	18 51		n.a.
S 3	12 0	8 7	5 3	10 24	0 46	2 55	0 32	8 31	0 41	6 41	1 26	21 1	0 38	23 56	0 35	18 51	1 6	25 26	2 34	23 48	23 50	18 53		n.a.
M 4	11 38	12 42	4 50	9 42	0 40	2 23	0 29	8 49	0 42	6 40	1 26	21 1	0 38	23 56	0 35	18 50	1 6	25 26	2 34	23 48	23 50	18 55		n.a.
T 5	11 17	16 44	4 25	8 59	0 34	1 50	0 27	9 6	0 43	6 39	1 27	21 1	0 38	23 56	0 35	18 50	1 6	25 26	2 34	23 49	23 50	18 56		n.a.
W 6	10 55	20 5	3 48	8 15	0 28	1 18	0 24	9 23	0 43	6 37	1 27	21 2	0 38	23 57	0 35	18 49	1 6	25 26	2 34	23 49	23 50	18 58		n.a.
T 7	10 34	22 36	3 1	7 32	0 21	0 46	0 22	9 41	0 44	6 36	1 27	21 2	0 38	23 57	0 35	18 49	1 6	25 26	2 34	23 49	23 50	19 0		n.a.
F 8	10 12	24 8	2 6	6 49	0 14	0 13	0 19	9 58	0 45	6 35	1 27	21 3	0 38	23 57	0 35	18 48	1 6	25 26	2 34	23 49	23 50	19 1		n.a.
S 9	9 49	24 34	1 5	6 5	0 8	0s19	0 17	10 15	0 45	6 33	1 27	21 3	0 38	23 57	0 35	18 48	1 6	25 26	2 34	23 49	23 50	19 3		n.a.
S 10	9 27	23 48	0s 0	5 22	0 1	0 51	0 14	10 32	0 46	6 31	1 27	21 4	0 37	23 57	0 35	18 47	1 6	25 26	2 34	23 49	23 50	19 4		n.a.
M11	9 5	21 50	1 7	4 38	0s 6	1 24	0 11	10 49	0 47	6 30	1 27	21 4	0 37	23 57	0 35	18 47	1 6	25 26	2 34	23 49	23 50	19 6		n.a.
T 12	8 42	18 42	2 12	3 55	0 12	1 56	0 8	11 6	0 47	6 28	1 28	21 5	0 37	23 57	0 35	18 46	1 6	25 26	2 34	23 49	23 50	19 8		n.a.
W13	8 19	14 30	3 12	3 11	0 19	2 28	0 6	11 23	0 48	6 26	1 28	21 5	0 37	23 57	0 35	18 45	1 6	25 26	2 34	23 49	23 50	19 9		n.a.
T 14	7 56	9 25	4 3	2 28	0 26	3 1	0 3	11 40	0 48	6 24	1 28	21 6	0 37	23 57	0 35	18 45	1 6	25 26	2 34	23 49	23 50	19 11		n.a.
F 15	7 33	3 44	4 39	1 45	0 33	3 33	0 0	11 57	0 49	6 22	1 28	21 6	0 37	23 57	0 35	18 44	1 6	25 26	2 34	23 49	23 50	19 13		n.a.
S 16	7 10	2s15	4 59	1 2	0 40	4 5	0s 3	12 13	0 50	6 20	1 28	21 7	0 37	23 57	0 35	18 44	1 6	25 26	2 34	23 49	23 50	19 14		n.a.
S 17	6 47	8 11	4 59	0 19	0 46	4 37	0 6	12 30	0 50	6 18	1 28	21 7	0 36	23 57	0 35	18 43	1 6	25 26	2 34	23 49	23 50	19 16		n.a.
M18	6 23	13 40	4 40	0s23	0 53	5 9	0 8	12 46	0 51	6 16	1 28	21 8	0 36	23 57	0 34	18 43	1 6	25 26	2 34	23 50	23 50	19 17		n.a.
T 19	6 0	18 19	4 2	1 6	1 0	5 41	0 11	13 3	0 51	6 14	1 28	21 8	0 36	23 57	0 34	18 42	1 6	25 26	2 34	23 50	23 50	19 19		n.a.
W20	5 36	21 49	3 9	1 48	1 6	6 13	0 14	13 19	0 52	6 12	1 28	21 9	0 36	23 57	0 34	18 42	1 6	25 26	2 34	23 50	23 50	19 20		n.a.
T 21	5 12	23 54	2 5	2 29	1 13	6 44	0 17	13 35	0 52	6 9	1 28	21 10	0 36	23 57	0 34	18 41	1 6	25 27	2 34	23 50	23 50	19 22		n.a.
F 22	4 49	24 26	0 55	3 10	1 19	7 16	0 20	13 51	0 53	6 7	1 28	21 10	0 36	23 57	0 34	18 41	1 6	25 27	2 34	23 50	23 50	19 24		n.a.
S 23	4 25	23 28	0n17	3 51	1 26	7 47	0 23	14 7	0 54	6 4	1 29	21 11	0 36	23 57	0 34	18 40	1 6	25 27	2 34	23 50	23 50	19 25		n.a.
S 24	4 1	21 9	1 27	4 32	1 32	8 18	0 26	14 23	0 54	6 2	1 29	21 12	0 36	23 57	0 34	18 40	1 6	25 27	2 34	23 50	23 50	19 27		n.a.
M25	3 37	17 44	2 31	5 12	1 38	8 49	0 29	14 39	0 55	5 59	1 29	21 12	0 35	23 57	0 34	18 39	1 7	25 27	2 34	23 50	23 50	19 28		n.a.
T 26	3 12	13 30	3 26	5 51	1 44	9 20	0 32	14 55	0 55	5 57	1 29	21 13	0 35	23 57	0 34	18 39	1 7	25 27	2 34	23 50	23 50	19 30		n.a.
W27	2 48	8 43	4 10	6 30	1 50	9 50	0 34	15 10	0 56	5 54	1 29	21 14	0 35	23 57	0 34	18 38	1 7	25 27	2 34	23 50	23 50	19 31		n.a.
T 28	2 24	3 39	4 40	7 8	1 55	10 21	0 37	15 26	0 56	5 52	1 29	21 15	0 35	23 57	0 34	18 38	1 7	25 27	2 34	23 50	23 50	19 33		n.a.
F 29	2 0	1n29	4 57	7 46	2 1	10 51	0 40	15 41	0 57	5 49	1 29	21 15	0 35	23 57	0 34	18 37	1 7	25 27	2 34	23 50	23 50	19 34		n.a.
S 30	1n35	6n29	4n59	8s23	2s 6	11s21	0s43	15s56	0s57	5n46	1s29	21s16	0n35	23s57	0s34	18n37	1n 7	25s27	2s34	23s50	23s50	19n36		n.a.

Julian Day Number = 1286288.5, Delta T = 08h03m25s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'08, Lahiri = -20°24'08 Julian Calendar 1 Sept. 1192 BCE == Greg. Calendar 21 Aug. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

OCTOBER 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 41	27♍ 4'45	16♈57	17♎29	28♎31	10♏42	17°R47	7♐ 3	10°R49	11♑46	14♐22	0°R11	0♑11	13♉ 8	n.a.	S 1
M 2	23 58 38	28° 5'15	28°58	18°49	29°44	11°27	17♈39	7° 7	10°D49	11°48	14°22	29♐59	0° 8	13°15	n.a.	M 2
T 3	0 2 35	29° 5'46	10♉52	20° 7	0♏58	12°13	17°32	7°11	10♑49	11°50	14°23	29°49	0° 5	13°21	n.a.	T 3
W 4	0 6 31	0♎ 6'19	22°41	21°24	2°12	12°59	17°25	7°15	10°49	11°51	14°24	29°42	0° 2	13°28	n.a.	W 4
T 5	0 10 28	1° 6'54	4♊29	22°39	3°25	13°45	17°17	7°19	10°49	11°53	14°25	29°38	29♐58	13°35	n.a.	T 5
F 6	0 14 24	2° 7'31	16°20	23°53	4°39	14°30	17° 9	7°23	10°49	11°55	14°25	29°36	29°55	13°41	n.a.	F 6
S 7	0 18 21	3° 8'11	28°20	25° 5	5°52	15°16	17° 2	7°28	10°49	11°56	14°26	29°35	29°52	13°48	n.a.	S 7
S 8	0 22 17	4° 8'51	10♋34	26°15	7° 6	16° 2	16°54	7°32	10°50	11°58	14°27	29°35	29°49	13°55	n.a.	S 8
M 9	0 26 14	5° 9'34	23° 7	27°22	8°20	16°48	16°46	7°36	10°50	11°59	14°28	29°34	29°46	14° 1	n.a.	M 9
T 10	0 30 10	6°10'19	6♌ 5	28°26	9°33	17°34	16°38	7°41	10°51	12° 1	14°29	29°32	29°43	14° 8	n.a.	T 10
W11	0 34 7	7°11'05	19°31	29°28	10°47	18°20	16°30	7°46	10°51	12° 2	14°30	29°26	29°39	14°15	n.a.	W11
T 12	0 38 4	8°11'53	3♍27	0♏25	12° 0	19° 6	16°22	7°50	10°51	12° 4	14°31	29°18	29°36	14°22	n.a.	T 12
F 13	0 42 0	9°12'43	17°50	1°19	13°13	19°52	16°14	7°55	10°52	12° 5	14°32	29° 8	29°33	14°28	n.a.	F 13
S 14	0 45 57	10°13'34	2♎37	2° 9	14°27	20°38	16° 6	8° 0	10°53	12° 6	14°33	28°56	29°30	14°35	n.a.	S 14
S 15	0 49 53	11°14'27	17°40	2°53	15°40	21°25	15°58	8° 5	10°53	12° 8	14°34	28°44	29°27	14°42	n.a.	S 15
M16	0 53 50	12°15'21	2♏47	3°31	16°54	22°11	15°50	8° 9	10°54	12° 9	14°35	28°34	29°24	14°48	n.a.	M16
T 17	0 57 46	13°16'16	17°50	4° 3	18° 7	22°57	15°42	8°14	10°55	12°10	14°36	28°26	29°20	14°55	n.a.	T 17
W18	1 1 43	14°17'13	2♐39	4°28	19°20	23°43	15°33	8°19	10°56	12°12	14°37	28°21	29°17	15° 2	n.a.	W18
T 19	1 5 39	15°18'11	17° 8	4°44	20°34	24°30	15°25	8°25	10°56	12°13	14°38	28°19	29°14	15° 8	n.a.	T 19
F 20	1 9 36	16°19'09	1♑15	4°R52	21°47	25°16	15°17	8°30	10°57	12°14	14°39	28°D19	29°11	15°15	n.a.	F 20
S 21	1 13 33	17°20'09	14°59	4°50	23° 0	26° 3	15° 9	8°35	10°58	12°15	14°41	28°R19	29° 8	15°22	n.a.	S 21
S 22	1 17 29	18°21'09	28°22	4°38	24°13	26°49	15° 1	8°40	10°59	12°16	14°42	28°19	29° 4	15°28	n.a.	S 22
M23	1 21 26	19°22'11	11♒26	4°15	25°26	27°36	14°52	8°46	11° 0	12°18	14°43	28°16	29° 1	15°35	n.a.	M23
T 24	1 25 22	20°23'12	24°15	3°41	26°39	28°22	14°44	8°51	11° 2	12°19	14°44	28°12	28°58	15°42	n.a.	T 24
W25	1 29 19	21°24'15	6♓50	2°56	27°52	29° 9	14°36	8°57	11° 3	12°20	14°46	28° 4	28°55	15°48	n.a.	W25
T 26	1 33 15	22°25'19	19°15	2° 0	29° 5	29°55	14°28	9° 2	11° 4	12°21	14°47	27°54	28°52	15°55	n.a.	T 26
F 27	1 37 12	23°26'23	1♈30	0°55	0♐18	0♐42	14°20	9° 8	11° 5	12°22	14°48	27°42	28°49	16° 2	n.a.	F 27
S 28	1 41 8	24°27'29	13°38	29♎42	1°31	1°29	14°12	9°14	11° 7	12°23	14°50	27°29	28°45	16° 8	n.a.	S 28
S 29	1 45 5	25°28'35	25°38	28°23	2°44	2°16	14° 4	9°19	11° 8	12°24	14°51	27°17	28°42	16°15	n.a.	S 29
M30	1 49 2	26°29'42	7♉33	27° 1	3°57	3° 2	13°56	9°25	11° 9	12°24	14°52	27° 6	28°39	16°22	n.a.	M30
T 31	1 52 58	27♎30'50	19♉24	25♎38	5♐10	3♐49	13♈49	9♐31	11♑11	12♌25	14♐54	26♐57	28♐36	16♉28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n11	11n10	4n47	8s59	2s11	11s50	0s46	16s11	0s58	5n43	1s29	21s17	0n35	23s57	0s34	18n36	1n 7	25s27	2s34	23s50	23s50	19n37			n.a.
M 2	0 46	15 22	4 23	9 34	2 16	12 20	0 49	16 26	0 58	5 41	1 29	21 18	0 34	23 57	0 34	18 36	1 7	25 27	2 34	23 50	23 50	19 39			n.a.
T 3	0 22	18 55	3 47	10 8	2 20	12 49	0 52	16 41	0 59	5 38	1 29	21 18	0 34	23 57	0 34	18 36	1 7	25 27	2 34	23 50	23 50	19 41			n.a.
W 4	0s 3	21 40	3 2	10 42	2 24	13 17	0 55	16 56	0 59	5 35	1 29	21 19	0 34	23 57	0 34	18 35	1 7	25 28	2 34	23 50	23 50	19 42			n.a.
T 5	0 27	23 30	2 9	11 14	2 27	13 46	0 57	17 10	1 0	5 32	1 29	21 20	0 34	23 57	0 34	18 35	1 7	25 28	2 34	23 50	23 50	19 44			n.a.
F 6	0 52	24 17	1 10	11 45	2 31	14 14	1 0	17 25	1 0	5 29	1 29	21 21	0 34	23 57	0 34	18 34	1 7	25 28	2 34	23 50	23 50	19 45			n.a.
S 7	1 16	23 56	0 7	12 14	2 34	14 41	1 3	17 39	1 0	5 26	1 29	21 22	0 34	23 57	0 34	18 34	1 7	25 28	2 34	23 50	23 50	19 46			n.a.
S 8	1 40	22 27	0s58	12 42	2 36	15 9	1 6	17 53	1 1	5 23	1 29	21 23	0 34	23 57	0 34	18 34	1 7	25 28	2 34	23 50	23 50	19 48			n.a.
M 9	2 5	19 50	2 1	13 9	2 38	15 36	1 9	18 7	1 1	5 20	1 29	21 23	0 34	23 57	0 34	18 33	1 7	25 28	2 34	23 50	23 50	19 49			n.a.
T 10	2 29	16 9	3 0	13 34	2 39	16 2	1 11	18 20	1 2	5 17	1 29	21 24	0 33	23 57	0 34	18 33	1 7	25 28	2 34	23 50	23 50	19 51			n.a.
W11	2 54	11 33	3 52	13 56	2 39	16 28	1 14	18 34	1 2	5 14	1 29	21 25	0 33	23 57	0 34	18 32	1 7	25 28	2 34	23 50	23 50	19 52			n.a.
T 12	3 18	6 12	4 31	14 17	2 39	16 54	1 17	18 47	1 2	5 11	1 29	21 26	0 33	23 57	0 34	18 32	1 7	25 29	2 34	23 50	23 50	19 54			n.a.
F 13	3 43	0 22	4 55	14 35	2 38	17 19	1 19	19 0	1 3	5 8	1 29	21 27	0 33	23 57	0 34	18 32	1 7	25 29	2 34	23 50	23 50	19 55			n.a.
S 14	4 7	5s38	5 0	14 51	2 36	17 44	1 22	19 13	1 3	5 5	1 29	21 28	0 33	23 57	0 34	18 31	1 7	25 29	2 34	23 50	23 50	19 57			n.a.
S 15	4 31	11 25	4 45	15 4	2 33	18 9	1 24	19 26	1 4	5 1	1 28	21 29	0 33	23 57	0 34	18 31	1 7	25 29	2 34	23 50	23 50	19 58			n.a.
M16	4 55	16 32	4 9	15 14	2 29	18 33	1 27	19 39	1 4	4 58	1 28	21 30	0 33	23 57	0 34	18 31	1 7	25 29	2 34	23 50	23 50	20 0			n.a.
T 17	5 19	20 34	3 17	15 20	2 24	18 56	1 29	19 51	1 4	4 55	1 28	21 31	0 33	23 56	0 34	18 30	1 7	25 29	2 34	23 50	23 50	20 1			n.a.
W18	5 43	23 11	2 12	15 23	2 18	19 19	1 32	20 3	1 5	4 52	1 28	21 31	0 32	23 56	0 34	18 30	1 7	25 29	2 34	23 50	23 50	20 2			n.a.
T 19	6 7	24 11	0 59	15 21	2 10	19 42	1 34	20 15	1 5	4 49	1 28	21 32	0 32	23 56	0 34	18 30	1 7	25 30	2 35	23 50	23 50	20 4			n.a.
F 20	6 31	23 34	0n16	15 15	2 1	20 3	1 36	20 27	1 5	4 46	1 28	21 33	0 32	23 56	0 34	18 29	1 8	25 30	2 35	23 50	23 50	20 5			n.a.
S 21	6 55	21 32	1 27	15 4	1 50	20 25	1 38	20 39	1 6	4 43	1 28	21 34	0 32	23 56	0 34	18 29	1 8	25 30	2 35	23 50	23 50	20 7			n.a.
S 22	7 19	18 21	2 32	14 49	1 38	20 46	1 41	20 50	1 6	4 40	1 28	21 35	0 32	23 56	0 34	18 29	1 8	25 30	2 35	23 50	23 50	20 8			n.a.
M23	7 42	14 18	3 28	14 28	1 24	21 6	1 43	21 2	1 6	4 37	1 28	21 36	0 32	23 56	0 34	18 28	1 8	25 30	2 35	23 49	23 50	20 10			n.a.
T 24	8 6	9 42	4 12	14 1	1 8	21 26	1 45	21 12	1 7	4 34	1 28	21 37	0 32	23 56	0 34	18 28	1 8	25 30	2 35	23 49	23 50	20 11			n.a.
W25	8 29	4 47	4 42	13 29	0 51	21 45	1 47	21 23	1 7	4 31	1 27	21 38	0 32	23 56	0 34	18 28	1 8	25 31	2 35	23 49	23 50	20 12			n.a.
T 26	8 52	0n15	4 59	12 53	0 33	22 3	1 49	21 34	1 7	4 28	1 27	21 39	0 32	23 56	0 34	18 28	1 8	25 31	2 35	23 49	23 50	20 14			n.a.
F 27	9 15	5 13	5 2	12 11	0 13	22 21	1 51	21 44	1 7	4 25	1 27	21 40	0 31	23 55	0 34	18 27	1 8	25 31	2 35	23 49	23 50	20 15			n.a.
S 28	9 38	9 55	4 51	11 26	0n 7	22 39	1 53	21 54	1 8	4 22	1 27	21 41	0 31	23 55	0 34	18 27	1 8	25 31	2 35	23 49	23 50	20 16			n.a.
S 29	10 1	14 12	4 27	10 39	0 28	22 55	1 54	22 4	1 8	4 19	1 27	21 42	0 31	23 55	0 34	18 27	1 8	25 31	2 35	23 48	23 50	20 18			n.a.
M30	10 23	17 54	3 51	9 50	0 48	23 11	1 56	22 14	1 8	4 16	1 27	21 43	0 31	23 55	0 34	18 27	1 8	25 31	2 35	23 48	23 50	20 19			n.a.
T 31	10s46	20n51	3n 6	9s 1	1n 8	23s27	1s58	22s23	1s 8	4n13	1s26	21s44	0n31	23s55	0s34	18n27	1n 8	25s32	2s35	23s48	23s50	20n21			n.a.

Julian Day Number = 1286318.5, Delta T = 08h03m24s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'04, Lahiri = -20°24'04 Julian Calendar 1 Oct. 1192 BCE == Greg. Calendar 20 Sept. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

NOVEMBER 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 56 55	28♎32'00	1♊12	24°R18	6♐22	4♐36	13°R41	9♐37	11♑12	12♌26	14♐55	26°R51	28♐33	16♉35	n.a.	W 1
T 2	2 0 51	29°33'10	13° 0	23♎ 2	7°35	5°23	13♈33	9°43	11°14	12°27	14°57	26♐47	28°29	16°42	n.a.	T 2
F 3	2 4 48	0♏34'21	24°52	21°54	8°48	6° 9	13°26	9°49	11°15	12°28	14°58	26°D46	28°26	16°49	n.a.	F 3
S 4	2 8 44	1°35'33	6♋52	20°54	10° 0	6°56	13°19	9°55	11°17	12°29	15° 0	26°47	28°23	16°55	n.a.	S 4
S 5	2 12 41	2°36'45	19° 4	20° 5	11°13	7°43	13°11	10° 1	11°19	12°29	15° 1	26°48	28°20	17° 2	n.a.	S 5
M 6	2 16 37	3°37'59	1♌33	19°26	12°25	8°30	13° 4	10° 7	11°21	12°30	15° 3	26°R48	28°17	17° 9	n.a.	M 6
T 7	2 20 34	4°39'14	14°25	18°59	13°37	9°17	12°57	10°14	11°22	12°31	15° 4	26°48	28°14	17°15	n.a.	T 7
W 8	2 24 31	5°40'29	27°43	18°43	14°50	10° 4	12°50	10°20	11°24	12°31	15° 6	26°46	28°10	17°22	n.a.	W 8
T 9	2 28 27	6°41'45	11♍31	18°D38	16° 2	10°51	12°43	10°26	11°26	12°32	15° 7	26°41	28° 7	17°29	n.a.	T 9
F 10	2 32 24	7°43'02	25°48	18°42	17°14	11°38	12°36	10°32	11°28	12°32	15° 9	26°35	28° 4	17°35	n.a.	F 10
S 11	2 36 20	8°44'20	10♎33	18°56	18°26	12°25	12°30	10°39	11°30	12°33	15°11	26°27	28° 1	17°42	n.a.	S 11
S 12	2 40 17	9°45'38	25°38	19°18	19°38	13°12	12°23	10°45	11°32	12°33	15°12	26°19	27°58	17°49	n.a.	S 12
M13	2 44 13	10°46'56	10♏54	19°48	20°50	13°59	12°17	10°52	11°34	12°34	15°14	26°12	27°55	17°55	n.a.	M13
T 14	2 48 10	11°48'15	26°11	20°24	22° 2	14°46	12°11	10°58	11°36	12°34	15°16	26° 7	27°51	18° 2	n.a.	T 14
W15	2 52 7	12°49'35	11♐18	21° 7	23°14	15°33	12° 4	11° 5	11°38	12°34	15°17	26° 4	27°48	18° 9	n.a.	W15
T 16	2 56 3	13°50'54	26° 6	21°55	24°26	16°20	11°59	11°11	11°40	12°35	15°19	26°D 3	27°45	18°15	n.a.	T 16
F 17	3 0 0	14°52'13	10♑29	22°48	25°38	17° 8	11°53	11°18	11°43	12°35	15°21	26° 4	27°42	18°22	n.a.	F 17
S 18	3 3 56	15°53'32	24°26	23°45	26°49	17°55	11°47	11°25	11°45	12°35	15°23	26° 5	27°39	18°29	n.a.	S 18
S 19	3 7 53	16°54'51	7♒57	24°46	28° 1	18°42	11°42	11°31	11°47	12°36	15°24	26° 7	27°35	18°35	n.a.	S 19
M20	3 11 49	17°56'10	21° 3	25°50	29°12	19°29	11°36	11°38	11°49	12°36	15°26	26°R 7	27°32	18°42	n.a.	M20
T 21	3 15 46	18°57'28	3♓49	26°57	0♑24	20°16	11°31	11°45	11°52	12°36	15°28	26° 6	27°29	18°49	n.a.	T 21
W22	3 19 42	19°58'46	16°18	28° 6	1°35	21° 3	11°26	11°52	11°54	12°36	15°30	26° 3	27°26	18°55	n.a.	W22
T 23	3 23 39	21° 0'04	28°33	29°18	2°46	21°50	11°22	11°58	11°57	12°36	15°31	25°58	27°23	19° 2	n.a.	T 23
F 24	3 27 36	22° 1'21	10♈39	0♏32	3°57	22°38	11°17	12° 5	11°59	12°36	15°33	25°52	27°20	19° 9	n.a.	F 24
S 25	3 31 32	23° 2'38	22°37	1°48	5° 8	23°25	11°13	12°12	12° 2	12°R36	15°35	25°46	27°16	19°15	n.a.	S 25
S 26	3 35 29	24° 3'55	4♉30	3° 5	6°19	24°12	11° 9	12°19	12° 4	12°36	15°37	25°40	27°13	19°22	n.a.	S 26
M27	3 39 25	25° 5'11	16°20	4°24	7°30	24°59	11° 5	12°26	12° 7	12°36	15°39	25°34	27°10	19°29	n.a.	M27
T 28	3 43 22	26° 6'27	28°10	5°44	8°41	25°46	11° 1	12°33	12° 9	12°36	15°41	25°30	27° 7	19°35	n.a.	T 28
W29	3 47 18	27° 7'43	10♊ 0	7° 5	9°51	26°33	10°57	12°40	12°12	12°36	15°42	25°27	27° 4	19°42	n.a.	W29
T 30	3 51 15	28♏ 8'59	21♊53	8♏27	11♑ 1	27♐21	10♈54	12♐47	12♑15	12♌36	15♐44	25°D26	27♐ 1	19♉49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s 8	22n54	2n13	8 s14	1n27	23 s41	1 s59	22 s32	1 s 9	4n10	1 s26	21 s45	0n31	23 s55	0 s34	18n26	1n 8	25 s32	2 s35	23 s48	23 s50	20n22		n.a.
T 2	11 30	23 57	1 13	7 30	1 44	23 55	2 1	22 41	1 9	4 7	1 26	21 46	0 31	23 55	0 33	18 26	1 8	25 32	2 35	23 48	23 50	20 23		n.a.
F 3	11 52	23 54	0 10	6 50	1 59	24 9	2 2	22 50	1 9	4 4	1 26	21 47	0 31	23 54	0 33	18 26	1 8	25 32	2 35	23 48	23 50	20 25		n.a.
S 4	12 13	22 45	0 s54	6 15	2 12	24 21	2 4	22 58	1 9	4 2	1 26	21 48	0 31	23 54	0 33	18 26	1 8	25 32	2 35	23 48	23 50	20 26		n.a.
S 5	12 35	20 31	1 57	5 47	2 23	24 33	2 5	23 6	1 10	3 59	1 25	21 49	0 30	23 54	0 33	18 26	1 8	25 33	2 35	23 48	23 50	20 27		n.a.
M 6	12 56	17 17	2 56	5 24	2 32	24 44	2 6	23 14	1 10	3 56	1 25	21 50	0 30	23 54	0 33	18 26	1 8	25 33	2 35	23 48	23 49	20 29		n.a.
T 7	13 17	13 9	3 48	5 7	2 38	24 55	2 7	23 22	1 10	3 54	1 25	21 51	0 30	23 54	0 33	18 25	1 8	25 33	2 35	23 48	23 49	20 30		n.a.
W 8	13 38	8 15	4 29	4 57	2 43	25 5	2 8	23 29	1 10	3 51	1 25	21 52	0 30	23 53	0 33	18 25	1 8	25 33	2 35	23 48	23 49	20 31		n.a.
T 9	13 58	2 47	4 57	4 52	2 46	25 14	2 9	23 36	1 10	3 49	1 24	21 53	0 30	23 53	0 33	18 25	1 8	25 34	2 35	23 48	23 49	20 32		n.a.
F 10	14 19	3 s 0	5 8	4 52	2 48	25 22	2 10	23 43	1 10	3 46	1 24	21 54	0 30	23 53	0 33	18 25	1 9	25 34	2 35	23 47	23 49	20 34		n.a.
S 11	14 39	8 48	4 59	4 57	2 48	25 30	2 11	23 50	1 11	3 44	1 24	21 55	0 30	23 53	0 33	18 25	1 9	25 34	2 35	23 47	23 49	20 35		n.a.
S 12	14 59	14 14	4 29	5 7	2 47	25 36	2 11	23 56	1 11	3 41	1 24	21 56	0 30	23 53	0 33	18 25	1 9	25 34	2 35	23 47	23 49	20 36		n.a.
M13	15 18	18 49	3 40	5 20	2 44	25 42	2 12	24 2	1 11	3 39	1 23	21 57	0 30	23 53	0 33	18 25	1 9	25 34	2 35	23 47	23 49	20 38		n.a.
T 14	15 38	22 7	2 35	5 37	2 41	25 48	2 12	24 8	1 11	3 37	1 23	21 58	0 30	23 52	0 33	18 25	1 9	25 35	2 35	23 47	23 49	20 39		n.a.
W15	15 57	23 49	1 19	5 57	2 37	25 52	2 13	24 13	1 11	3 35	1 23	21 59	0 29	23 52	0 33	18 25	1 9	25 35	2 35	23 47	23 49	20 40		n.a.
T 16	16 15	23 46	0n 0	6 20	2 32	25 56	2 13	24 18	1 11	3 33	1 23	22 0	0 29	23 52	0 33	18 25	1 9	25 35	2 35	23 47	23 49	20 41		n.a.
F 17	16 34	22 7	1 18	6 44	2 27	25 59	2 13	24 23	1 11	3 31	1 22	22 1	0 29	23 52	0 33	18 25	1 9	25 35	2 35	23 47	23 49	20 43		n.a.
S 18	16 52	19 10	2 28	7 11	2 21	26 1	2 13	24 28	1 11	3 29	1 22	22 2	0 29	23 51	0 33	18 25	1 9	25 36	2 35	23 47	23 49	20 44		n.a.
S 19	17 10	15 14	3 28	7 39	2 15	26 3	2 13	24 32	1 12	3 27	1 22	22 3	0 29	23 51	0 33	18 25	1 9	25 36	2 36	23 47	23 49	20 45		n.a.
M20	17 28	10 41	4 15	8 9	2 8	26 3	2 13	24 36	1 12	3 25	1 22	22 4	0 29	23 51	0 33	18 25	1 9	25 36	2 36	23 47	23 49	20 46		n.a.
T 21	17 45	5 48	4 48	8 40	2 2	26 3	2 13	24 40	1 12	3 23	1 21	22 5	0 29	23 51	0 33	18 25	1 9	25 36	2 36	23 47	23 49	20 48		n.a.
W22	18 2	0 47	5 7	9 12	1 55	26 2	2 13	24 43	1 12	3 22	1 21	22 7	0 29	23 51	0 33	18 25	1 9	25 37	2 36	23 47	23 49	20 49		n.a.
T 23	18 18	4n 9	5 11	9 44	1 47	26 1	2 12	24 46	1 12	3 20	1 21	22 8	0 29	23 50	0 33	18 25	1 9	25 37	2 36	23 46	23 49	20 50		n.a.
F 24	18 34	8 53	5 1	10 18	1 40	25 58	2 12	24 49	1 12	3 18	1 20	22 9	0 29	23 50	0 33	18 25	1 9	25 37	2 36	23 46	23 49	20 51		n.a.
S 25	18 50	13 14	4 38	10 51	1 32	25 55	2 11	24 52	1 12	3 17	1 20	22 10	0 29	23 50	0 33	18 25	1 9	25 37	2 36	23 46	23 48	20 53		n.a.
S 26	19 6	17 2	4 3	11 25	1 25	25 51	2 11	24 54	1 12	3 16	1 20	22 11	0 28	23 50	0 33	18 25	1 9	25 38	2 36	23 46	23 48	20 54		n.a.
M27	19 21	20 9	3 18	11 59	1 17	25 47	2 10	24 56	1 12	3 14	1 19	22 12	0 28	23 49	0 33	18 25	1 9	25 38	2 36	23 46	23 48	20 55		n.a.
T 28	19 36	22 25	2 24	12 34	1 9	25 41	2 9	24 58	1 12	3 13	1 19	22 13	0 28	23 49	0 33	18 25	1 9	25 38	2 36	23 45	23 48	20 56		n.a.
W29	19 50	23 42	1 24	13 8	1 1	25 35	2 8	24 59	1 12	3 12	1 19	22 14	0 28	23 49	0 33	18 25	1 9	25 38	2 36	23 45	23 48	20 57		n.a.
T 30	20 s 5	23n54	0n20	13 s43	0n54	25 s28	2 s 7	25 s 0	1 s12	3n11	1 s19	22 s15	0n28	23 s49	0 s33	18n25	1n10	25 s39	2 s36	23 s45	23 s48	20n59		n.a.

Julian Day Number = 1286349.5, Delta T = 08h03m22s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°31'00, Lahiri = -20°24'00 Julian Calendar 1 Nov. 1192 BCE == Greg. Calendar 21 Oct. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1192 BCE
geocentric

DECEMBER 1192 BCE (-1191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 12	29♏10'14	3♋52	9♏51	12♑12	28♐ 8	10°R50	12♐54	12♑17	12°R36	15♐46	25♐27	26♐57	19♉55	n.a.	F 1
S 2	3 59 8	0♐11'29	15°58	11°15	13°22	28°55	10♈47	13° 1	12°20	12♎35	15°48	25°28	26°54	20° 2	n.a.	S 2
S 3	4 3 5	1°12'44	28°15	12°40	14°32	29°42	10°45	13° 8	12°23	12°35	15°50	25°30	26°51	20° 9	n.a.	S 3
M 4	4 7 1	2°13'59	10♎47	14° 6	15°42	0♑29	10°42	13°15	12°26	12°35	15°52	25°31	26°48	20°16	n.a.	M 4
T 5	4 10 58	3°15'13	23°37	15°32	16°51	1°16	10°39	13°22	12°29	12°35	15°54	25°32	26°45	20°22	n.a.	T 5
W 6	4 14 54	4°16'27	6♍50	16°59	18° 1	2° 4	10°37	13°29	12°31	12°34	15°56	25°R33	26°41	20°29	n.a.	W 6
T 7	4 18 51	5°17'40	20°26	18°27	19°11	2°51	10°35	13°36	12°34	12°34	15°58	25°32	26°38	20°36	n.a.	T 7
F 8	4 22 47	6°18'53	4♎29	19°56	20°20	3°38	10°33	13°43	12°37	12°33	16° 0	25°30	26°35	20°42	n.a.	F 8
S 9	4 26 44	7°20'06	18°57	21°25	21°29	4°25	10°32	13°50	12°40	12°33	16° 1	25°28	26°32	20°49	n.a.	S 9
S 10	4 30 41	8°21'18	3♏46	22°55	22°38	5°12	10°30	13°57	12°43	12°32	16° 3	25°26	26°29	20°56	n.a.	S 10
M11	4 34 37	9°22'30	18°51	24°25	23°47	5°59	10°29	14° 4	12°46	12°32	16° 5	25°24	26°26	21° 2	n.a.	M11
T 12	4 38 34	10°23'41	4♐ 2	25°56	24°56	6°47	10°28	14°12	12°49	12°31	16° 7	25°22	26°22	21° 9	n.a.	T 12
W13	4 42 30	11°24'51	19°10	27°27	26° 4	7°34	10°27	14°19	12°52	12°31	16° 9	25°D21	26°19	21°16	n.a.	W13
T 14	4 46 27	12°26'01	4♑ 6	28°59	27°12	8°21	10°27	14°26	12°55	12°30	16°11	25°21	26°16	21°22	n.a.	T 14
F 15	4 50 23	13°27'09	18°41	0♐32	28°21	9° 8	10°26	14°33	12°58	12°30	16°13	25°22	26°13	21°29	n.a.	F 15
S 16	4 54 20	14°28'16	2♒51	2° 5	29°28	9°55	10°D26	14°40	13° 2	12°29	16°15	25°23	26°10	21°36	n.a.	S 16
S 17	4 58 17	15°29'22	16°34	3°39	0♒36	10°42	10°26	14°47	13° 5	12°28	16°17	25°24	26° 7	21°42	n.a.	S 17
M18	5 2 13	16°30'26	29°50	5°14	1°44	11°29	10°26	14°54	13° 8	12°27	16°19	25°25	26° 3	21°49	n.a.	M18
T 19	5 6 10	17°31'29	12♓42	6°49	2°51	12°16	10°27	15° 2	13°11	12°27	16°21	25°R25	26° 0	21°56	n.a.	T 19
W20	5 10 6	18°32'31	25°13	8°24	3°58	13° 3	10°27	15° 9	13°14	12°26	16°23	25°25	25°57	22° 2	n.a.	W20
T 21	5 14 3	19°33'31	7♈27	10° 1	5° 5	13°50	10°28	15°16	13°17	12°25	16°25	25°25	25°54	22° 9	n.a.	T 21
F 22	5 17 59	20°34'30	19°29	11°38	6°12	14°37	10°29	15°23	13°21	12°24	16°27	25°24	25°51	22°16	n.a.	F 22
S 23	5 21 56	21°35'27	1♉22	13°15	7°18	15°24	10°30	15°30	13°24	12°23	16°29	25°24	25°47	22°22	n.a.	S 23
S 24	5 25 52	22°36'23	13°11	14°54	8°24	16°11	10°32	15°37	13°27	12°22	16°31	25°23	25°44	22°29	n.a.	S 24
M25	5 29 49	23°37'17	25° 0	16°33	9°30	16°58	10°33	15°44	13°31	12°21	16°33	25°23	25°41	22°36	n.a.	M25
T 26	5 33 46	24°38'10	6♊51	18°12	10°36	17°45	10°35	15°51	13°34	12°20	16°35	25°23	25°38	22°42	n.a.	T 26
W27	5 37 42	25°39'02	18°46	19°53	11°41	18°32	10°37	15°58	13°37	12°19	16°37	25°D23	25°35	22°49	n.a.	W27
T 28	5 41 39	26°39'52	0♋48	21°34	12°46	19°18	10°40	16° 6	13°40	12°18	16°38	25°R23	25°32	22°56	n.a.	T 28
F 29	5 45 35	27°40'41	12°58	23°16	13°51	20° 5	10°42	16°13	13°44	12°17	16°40	25°23	25°28	23° 2	n.a.	F 29
S 30	5 49 32	28°41'29	25°18	24°59	14°56	20°52	10°45	16°20	13°47	12°16	16°42	25°22	25°25	23° 9	n.a.	S 30
S 31	5 53 28	29♐42'15	7♎50	26♐42	16♒ 0	21♑39	10♈47	16♐27	13♑51	12♎15	16♐44	25♐22	25♐22	23♉16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s18	23n 1	0s46	14s17	0n46	25s21	2s 5	25s 1	1s12	3n10	1s18	22s15	0n28	23s48	0s33	18n25	1n10	25s39	2s36	23s45	23s48	21n 0		n.a.	F 1
S 2	20 32	21 2	1 51	14 51	0 38	25 12	2 4	25 2	1 12	3 9	1 18	22 16	0 28	23 48	0 33	18 25	1 10	25 39	2 36	23 45	23 48	21 1		n.a.	S 2
S 3	20 45	18 4	2 51	15 24	0 31	25 3	2 2	25 2	1 12	3 8	1 18	22 17	0 28	23 48	0 33	18 25	1 10	25 40	2 36	23 45	23 48	21 2		n.a.	S 3
M 4	20 57	14 13	3 45	15 58	0 23	24 54	2 1	25 2	1 12	3 7	1 17	22 18	0 28	23 47	0 33	18 25	1 10	25 40	2 36	23 46	23 48	21 3		n.a.	M 4
T 5	21 9	9 39	4 28	16 31	0 16	24 43	1 59	25 2	1 12	3 7	1 17	22 19	0 28	23 47	0 33	18 26	1 10	25 40	2 36	23 46	23 48	21 4		n.a.	T 5
W 6	21 21	4 32	4 59	17 3	0 8	24 32	1 57	25 1	1 12	3 6	1 17	22 20	0 28	23 47	0 33	18 26	1 10	25 40	2 37	23 46	23 48	21 6		n.a.	W 6
T 7	21 32	0s58	5 15	17 35	0 1	24 20	1 55	25 0	1 12	3 6	1 16	22 21	0 28	23 47	0 33	18 26	1 10	25 41	2 37	23 46	23 48	21 7		n.a.	T 7
F 8	21 43	6 34	5 12	18 7	0s 6	24 8	1 53	24 59	1 12	3 5	1 16	22 22	0 27	23 46	0 33	18 26	1 10	25 41	2 37	23 45	23 47	21 8		n.a.	F 8
S 9	21 54	12 0	4 50	18 38	0 13	23 55	1 51	24 57	1 12	3 5	1 16	22 23	0 27	23 46	0 33	18 26	1 10	25 41	2 37	23 45	23 47	21 9		n.a.	S 9
S 10	22 4	16 52	4 8	19 8	0 20	23 41	1 49	24 55	1 12	3 4	1 15	22 24	0 27	23 46	0 33	18 26	1 10	25 41	2 37	23 45	23 47	21 10		n.a.	S 10
M11	22 13	20 44	3 9	19 37	0 27	23 27	1 46	24 53	1 11	3 4	1 15	22 25	0 27	23 45	0 33	18 27	1 10	25 42	2 37	23 45	23 47	21 11		n.a.	M11
T 12	22 23	23 12	1 55	20 6	0 34	23 12	1 44	24 51	1 11	3 4	1 15	22 26	0 27	23 45	0 33	18 27	1 10	25 42	2 37	23 45	23 47	21 12		n.a.	T 12
W13	22 31	23 57	0 34	20 34	0 40	22 56	1 41	24 48	1 11	3 4	1 14	22 27	0 27	23 45	0 33	18 27	1 10	25 42	2 37	23 45	23 47	21 14		n.a.	W13
T 14	22 40	22 58	0n48	21 1	0 46	22 40	1 38	24 45	1 11	3 4	1 14	22 28	0 27	23 44	0 33	18 27	1 10	25 43	2 37	23 45	23 47	21 15		n.a.	T 14
F 15	22 47	20 26	2 6	21 27	0 52	22 23	1 35	24 42	1 11	3 4	1 14	22 29	0 27	23 44	0 33	18 27	1 10	25 43	2 37	23 45	23 47	21 16		n.a.	F 15
S 16	22 55	16 42	3 13	21 53	0 58	22 6	1 32	24 38	1 11	3 5	1 13	22 30	0 27	23 44	0 33	18 28	1 10	25 43	2 37	23 45	23 47	21 17		n.a.	S 16
S 17	23 2	12 12	4 8	22 17	1 4	21 48	1 29	24 34	1 11	3 5	1 13	22 31	0 27	23 44	0 33	18 28	1 10	25 43	2 37	23 45	23 47	21 18		n.a.	S 17
M18	23 8	7 15	4 47	22 40	1 10	21 30	1 26	24 30	1 11	3 5	1 13	22 31	0 27	23 43	0 33	18 28	1 10	25 44	2 37	23 45	23 47	21 19		n.a.	M18
T 19	23 14	2 8	5 10	23 2	1 15	21 11	1 22	24 26	1 10	3 6	1 12	22 32	0 27	23 43	0 33	18 29	1 10	25 44	2 38	23 45	23 46	21 20		n.a.	T 19
W20	23 20	2n55	5 18	23 23	1 20	20 51	1 19	24 21	1 10	3 6	1 12	22 33	0 27	23 43	0 33	18 29	1 10	25 44	2 38	23 45	23 46	21 21		n.a.	W20
T 21	23 25	7 45	5 11	23 43	1 25	20 31	1 15	24 16	1 10	3 7	1 12	22 34	0 26	23 42	0 33	18 29	1 11	25 45	2 38	23 45	23 46	21 22		n.a.	T 21
F 22	23 30	12 12	4 50	24 2	1 29	20 11	1 11	24 11	1 10	3 8	1 11	22 35	0 26	23 42	0 33	18 29	1 11	25 45	2 38	23 45	23 46	21 23		n.a.	F 22
S 23	23 34	16 9	4 17	24 19	1 34	19 50	1 8	24 5	1 10	3 8	1 11	22 36	0 26	23 42	0 33	18 30	1 11	25 45	2 38	23 45	23 46	21 24		n.a.	S 23
S 24	23 38	19 27	3 34	24 35	1 38	19 29	1 4	23 59	1 10	3 9	1 11	22 37	0 26	23 41	0 33	18 30	1 11	25 45	2 38	23 45	23 46	21 25		n.a.	S 24
M25	23 41	21 56	2 41	24 50	1 42	19 7	0 59	23 53	1 9	3 10	1 10	22 37	0 26	23 41	0 33	18 30	1 11	25 46	2 38	23 45	23 46	21 26		n.a.	M25
T 26	23 43	23 28	1 41	25 3	1 45	18 45	0 55	23 47	1 9	3 11	1 10	22 38	0 26	23 41	0 33	18 31	1 11	25 46	2 38	23 45	23 46	21 27		n.a.	T 26
W27	23 46	23 58	0 37	25 14	1 48	18 23	0 51	23 40	1 9	3 12	1 10	22 39	0 26	23 40	0 33	18 31	1 11	25 46	2 38	23 45	23 46	21 29		n.a.	W27
T 28	23 48	23 20	0s30	25 24	1 51	18 0	0 46	23 33	1 9	3 14	1 9	22 40	0 26	23 40	0 33	18 31	1 11	25 47	2 38	23 45	23 46	21 30		n.a.	T 28
F 29	23 49	21 36	1 36	25 33	1 53	17 36	0 42	23 26	1 9	3 15	1 9	22 41	0 26	23 39	0 33	18 32	1 11	25 47	2 38	23 45	23 45	21 31		n.a.	F 29
S 30	23 50	18 50	2 39	25 40	1 55	17 13	0 37	23 19	1 8	3 16	1 9	22 42	0 26	23 39	0 33	18 32	1 11	25 47	2 39	23 45	23 45	21 32		n.a.	S 30
S 31	23s50	15n 9	3s35	25s45	1s57	16s49	0s32	23s11	1s 8	3n18	1s 8	22s42	0n26	23s39	0s33	18n32	1n11	25s48	2s39	23s45	23s45	21n33		n.a.	S 31

Julian Day Number = 1286379.5, Delta T = 08h03m20s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'56, Lahiri = -20°23'56 Julian Calendar 1 Dec. 1192 BCE == Greg. Calendar 20 Nov. 1192 BCE

The year -1191 astronomical counting style corresponds to year 1192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

JANUARY 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 57 25	0♉42'59	20♌35	28♐27	17♒ 4	22♉26	10♈50	16♐34	13♉54	12°R14	16♐46	25°R21	25♐19	23♋22	n.a.	M 1
T 2	6 1 21	1°43'43	3♍35	0♉12	18° 7	23°12	10°54	16°41	13°57	12♌13	16°48	25♐21	25°16	23°29	n.a.	T 2
W 3	6 5 18	2°44'25	16°51	1°58	19°10	23°59	10°57	16°48	14° 1	12°12	16°50	25°20	25°13	23°36	n.a.	W 3
T 4	6 9 15	3°45'05	0♎25	3°44	20°13	24°46	11° 1	16°55	14° 4	12°11	16°52	25°D20	25° 9	23°42	n.a.	T 4
F 5	6 13 11	4°45'45	14°17	5°32	21°16	25°32	11° 4	17° 1	14° 8	12° 9	16°54	25°20	25° 6	23°49	n.a.	F 5
S 6	6 17 8	5°46'23	28°27	7°20	22°18	26°19	11° 8	17° 8	14°11	12° 8	16°56	25°20	25° 3	23°56	n.a.	S 6
S 7	6 21 4	6°47'00	12♏55	9° 9	23°19	27° 5	11°13	17°15	14°14	12° 7	16°57	25°21	25° 0	24° 2	n.a.	S 7
M 8	6 25 1	7°47'35	27°35	10°59	24°21	27°52	11°17	17°22	14°18	12° 6	16°59	25°22	24°57	24° 9	n.a.	M 8
T 9	6 28 57	8°48'09	12♐24	12°49	25°22	28°39	11°21	17°29	14°21	12° 4	17° 1	25°23	24°53	24°16	n.a.	T 9
W10	6 32 54	9°48'42	27°14	14°40	26°22	29°25	11°26	17°36	14°25	12° 3	17° 3	25°R23	24°50	24°22	n.a.	W10
T 11	6 36 51	10°49'12	11♉58	16°32	27°22	0♒12	11°31	17°43	14°28	12° 2	17° 5	25°23	24°47	24°29	n.a.	T 11
F 12	6 40 47	11°49'41	26°30	18°24	28°22	0°58	11°36	17°49	14°32	12° 0	17° 7	25°21	24°44	24°36	n.a.	F 12
S 13	6 44 44	12°50'08	10♒41	20°16	29°21	1°44	11°41	17°56	14°35	11°59	17° 8	25°19	24°41	24°42	n.a.	S 13
S 14	6 48 40	13°50'33	24°30	22° 8	0♓20	2°31	11°47	18° 3	14°39	11°57	17°10	25°17	24°38	24°49	n.a.	S 14
M15	6 52 37	14°50'56	7♓53	24° 0	1°18	3°17	11°52	18° 9	14°42	11°56	17°12	25°14	24°34	24°56	n.a.	M15
T 16	6 56 33	15°51'16	20°52	25°52	2°16	4° 3	11°58	18°16	14°45	11°55	17°14	25°11	24°31	25° 2	n.a.	T 16
W17	7 0 30	16°51'35	3♈28	27°44	3°13	4°50	12° 4	18°23	14°49	11°53	17°15	25°10	24°28	25° 9	n.a.	W17
T 18	7 4 26	17°51'51	15°45	29°35	4° 9	5°36	12°10	18°29	14°52	11°52	17°17	25°D 9	24°25	25°16	n.a.	T 18
F 19	7 8 23	18°52'05	27°48	1♒24	5° 5	6°22	12°16	18°36	14°56	11°50	17°19	25° 9	24°22	25°22	n.a.	F 19
S 20	7 12 19	19°52'17	9♉41	3°12	6° 1	7° 8	12°22	18°42	14°59	11°49	17°21	25°11	24°18	25°29	n.a.	S 20
S 21	7 16 16	20°52'27	21°30	4°59	6°56	7°54	12°29	18°49	15° 3	11°47	17°22	25°12	24°15	25°36	n.a.	S 21
M22	7 20 13	21°52'34	3♊18	6°42	7°50	8°40	12°36	18°55	15° 6	11°46	17°24	25°14	24°12	25°42	n.a.	M22
T 23	7 24 9	22°52'40	15°11	8°23	8°43	9°26	12°42	19° 1	15°10	11°44	17°26	25°16	24° 9	25°49	n.a.	T 23
W24	7 28 6	23°52'43	27°12	10° 1	9°36	10°12	12°49	19° 8	15°13	11°43	17°27	25°R16	24° 6	25°56	n.a.	W24
T 25	7 32 2	24°52'44	9♋24	11°35	10°28	10°58	12°57	19°14	15°16	11°41	17°29	25°15	24° 3	26° 2	n.a.	T 25
F 26	7 35 59	25°52'43	21°49	13° 4	11°19	11°44	13° 4	19°20	15°20	11°39	17°31	25°13	23°59	26° 9	n.a.	F 26
S 27	7 39 55	26°52'40	4♌27	14°28	12°10	12°30	13°11	19°26	15°23	11°38	17°32	25° 9	23°56	26°16	n.a.	S 27
S 28	7 43 52	27°52'34	17°20	15°47	13° 0	13°16	13°19	19°32	15°27	11°36	17°34	25° 3	23°53	26°22	n.a.	S 28
M29	7 47 48	28°52'27	0♍27	16°59	13°48	14° 2	13°27	19°39	15°30	11°35	17°35	24°58	23°50	26°29	n.a.	M29
T 30	7 51 45	29°52'18	13°47	18° 5	14°36	14°48	13°35	19°45	15°33	11°33	17°37	24°52	23°47	26°36	n.a.	T 30
W31	7 55 42	0♒52'06	27♍19	19♒ 4	15♓24	15♒33	13♈43	19♐51	15♉37	11♌31	17♐38	24♐47	23♐44	26♋42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s50	10n45	4 s21	25 s48	1 s59	16 s25	0 s27	23 s 3	1 s 8	3n19	1 s 8	22 s43	0n26	23 s38	0 s33	18n33	1n11	25 s48	2 s39	23 s45	23 s45	21n34			n.a.
T 2	23 49	5 47	4 55	25 50	1 59	16 0	0 22	22 55	1 8	3 21	1 8	22 44	0 26	23 38	0 33	18 33	1 11	25 48	2 39	23 45	23 45	21 35			n.a.
W 3	23 48	0 28	5 14	25 49	2 0	15 35	0 17	22 47	1 8	3 22	1 7	22 45	0 26	23 38	0 33	18 33	1 11	25 48	2 39	23 45	23 45	21 36			n.a.
T 4	23 47	4 s59	5 16	25 47	2 0	15 10	0 12	22 38	1 7	3 24	1 7	22 45	0 26	23 37	0 33	18 34	1 11	25 49	2 39	23 45	23 45	21 37			n.a.
F 5	23 45	10 19	5 0	25 42	1 59	14 45	0 6	22 29	1 7	3 26	1 7	22 46	0 25	23 37	0 33	18 34	1 11	25 49	2 39	23 45	23 45	21 38			n.a.
S 6	23 42	15 14	4 26	25 36	1 59	14 19	0 1	22 20	1 7	3 28	1 6	22 47	0 25	23 37	0 33	18 35	1 11	25 49	2 39	23 45	23 44	21 39			n.a.
S 7	23 40	19 22	3 35	25 28	1 57	13 53	0n 5	22 10	1 7	3 30	1 6	22 48	0 25	23 36	0 33	18 35	1 11	25 50	2 39	23 45	23 44	21 40			n.a.
M 8	23 36	22 21	2 28	25 17	1 55	13 27	0 11	22 1	1 6	3 32	1 6	22 48	0 25	23 36	0 33	18 35	1 11	25 50	2 39	23 45	23 44	21 40			n.a.
T 9	23 32	23 50	1 11	25 4	1 53	13 1	0 17	21 51	1 6	3 34	1 6	22 49	0 25	23 35	0 33	18 36	1 11	25 50	2 40	23 45	23 44	21 41			n.a.
W10	23 28	23 38	0n10	24 50	1 49	12 35	0 23	21 41	1 6	3 36	1 5	22 50	0 25	23 35	0 33	18 36	1 11	25 51	2 40	23 45	23 44	21 42			n.a.
T 11	23 23	21 47	1 31	24 33	1 46	12 8	0 29	21 30	1 5	3 38	1 5	22 50	0 25	23 35	0 33	18 37	1 11	25 51	2 40	23 45	23 44	21 43			n.a.
F 12	23 18	18 31	2 44	24 13	1 41	11 41	0 35	21 20	1 5	3 40	1 5	22 51	0 25	23 34	0 33	18 37	1 11	25 51	2 40	23 45	23 44	21 44			n.a.
S 13	23 12	14 14	3 45	23 52	1 36	11 14	0 41	21 9	1 5	3 43	1 4	22 52	0 25	23 34	0 33	18 37	1 11	25 51	2 40	23 45	23 44	21 45			n.a.
S 14	23 6	9 19	4 32	23 28	1 31	10 48	0 48	20 58	1 4	3 45	1 4	22 52	0 25	23 34	0 33	18 38	1 11	25 52	2 40	23 45	23 43	21 46			n.a.
M15	23 0	4 6	5 1	23 3	1 24	10 21	0 54	20 47	1 4	3 48	1 4	22 53	0 25	23 33	0 33	18 38	1 11	25 52	2 40	23 45	23 43	21 47			n.a.
T 16	22 53	1n 8	5 15	22 35	1 17	9 53	1 1	20 36	1 4	3 50	1 3	22 54	0 25	23 33	0 33	18 39	1 11	25 52	2 40	23 45	23 43	21 48			n.a.
W17	22 45	6 10	5 12	22 6	1 9	9 26	1 8	20 24	1 3	3 53	1 3	22 54	0 25	23 32	0 33	18 39	1 12	25 53	2 41	23 45	23 43	21 49			n.a.
T 18	22 37	10 50	4 56	21 34	1 1	8 59	1 15	20 12	1 3	3 55	1 3	22 55	0 25	23 32	0 33	18 40	1 12	25 53	2 41	23 45	23 43	21 50			n.a.
F 19	22 29	14 59	4 26	21 1	0 52	8 32	1 22	20 0	1 3	3 58	1 3	22 56	0 25	23 32	0 33	18 40	1 12	25 53	2 41	23 45	23 43	21 51			n.a.
S 20	22 20	18 30	3 45	20 26	0 42	8 5	1 29	19 48	1 2	4 1	1 2	22 56	0 25	23 31	0 33	18 40	1 12	25 53	2 41	23 45	23 43	21 52			n.a.
S 21	22 11	21 15	2 55	19 50	0 31	7 38	1 36	19 36	1 2	4 4	1 2	22 57	0 25	23 31	0 33	18 41	1 12	25 54	2 41	23 45	23 43	21 52			n.a.
M22	22 2	23 6	1 58	19 13	0 20	7 11	1 43	19 23	1 2	4 7	1 2	22 58	0 24	23 31	0 33	18 41	1 12	25 54	2 41	23 45	23 42	21 53			n.a.
T 23	21 52	23 55	0 55	18 35	0 8	6 44	1 51	19 10	1 1	4 10	1 1	22 58	0 24	23 30	0 33	18 42	1 12	25 54	2 41	23 45	23 42	21 54			n.a.
W24	21 41	23 38	0 s11	17 57	0n 5	6 17	1 58	18 57	1 1	4 13	1 1	22 59	0 24	23 30	0 33	18 42	1 12	25 55	2 41	23 45	23 42	21 55			n.a.
T 25	21 30	22 13	1 17	17 18	0 18	5 50	2 6	18 44	1 1	4 16	1 1	22 59	0 24	23 29	0 33	18 43	1 12	25 55	2 42	23 45	23 42	21 56			n.a.
F 26	21 19	19 44	2 20	16 40	0 32	5 23	2 13	18 31	1 0	4 19	1 1	23 0	0 24	23 29	0 33	18 43	1 12	25 55	2 42	23 45	23 42	21 57			n.a.
S 27	21 8	16 16	3 18	16 2	0 46	4 56	2 21	18 17	1 0	4 22	1 0	23 0	0 24	23 29	0 33	18 44	1 12	25 55	2 42	23 45	23 42	21 58			n.a.
S 28	20 56	11 59	4 7	15 25	1 0	4 30	2 29	18 4	1 0	4 25	1 0	23 1	0 24	23 28	0 33	18 44	1 12	25 56	2 42	23 45	23 42	21 59			n.a.
M29	20 43	7 5	4 44	14 49	1 15	4 4	2 37	17 50	0 59	4 29	1 0	23 1	0 24	23 28	0 33	18 45	1 12	25 56	2 42	23 44	23 41	21 59			n.a.
T 30	20 31	1 47	5 6	14 15	1 30	3 38	2 45	17 36	0 59	4 32	1 0	23 2	0 24	23 27	0 33	18 45	1 12	25 56	2 42	23 44	23 41	22 0			n.a.
W31	20 s18	3 s40	5 s11	13 s42	1n44	3 s12	2n53	17 s22	0 s58	4n35	0 s59	23 s 3	0n24	23 s27	0 s33	18n46	1n12	25 s57	2 s42	23 s44	23 s41	22n 1			n.a.

Julian Day Number = 1286410.5, Delta T = 08h03m19s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'52, Lahiri = -20°23'51 Julian Calendar 1 Jan. 1191 BCE == Greg. Calendar 21 Dec. 1192 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

FEBRUARY 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 38	1♒51'53	11♎ 3	19♒55	16♓10	16♒19	13♈51	19♐57	15♑40	11°R30	17♐40	24°R44	23♐40	26♉49	n.a.	T 1
F 2	8 3 35	2°51'38	24°56	20°38	16°55	17° 5	13°59	20° 2	15°43	11♌28	17°41	24♐42	23°37	26°56	n.a.	F 2
S 3	8 7 31	3°51'22	8♏59	21°13	17°39	17°50	14° 7	20° 8	15°47	11°27	17°43	24°D42	23°34	27° 2	n.a.	S 3
S 4	8 11 28	4°51'03	23°11	21°40	18°23	18°36	14°16	20°14	15°50	11°25	17°44	24°43	23°31	27° 9	n.a.	S 4
M 5	8 15 24	5°50'43	7♐29	21°58	19° 5	19°21	14°25	20°20	15°53	11°23	17°46	24°44	23°28	27°16	n.a.	M 5
T 6	8 19 21	6°50'21	21°51	22° 8	19°46	20° 7	14°33	20°25	15°57	11°22	17°47	24°R45	23°24	27°22	n.a.	T 6
W 7	8 23 17	7°49'57	6♑14	22°R 9	20°26	20°52	14°42	20°31	16° 0	11°20	17°48	24°45	23°21	27°29	n.a.	W 7
T 8	8 27 14	8°49'31	20°34	22° 2	21° 4	21°37	14°51	20°37	16° 3	11°18	17°50	24°42	23°18	27°36	n.a.	T 8
F 9	8 31 11	9°49'02	4♒45	21°47	21°42	22°23	15° 1	20°42	16° 6	11°17	17°51	24°37	23°15	27°42	n.a.	F 9
S 10	8 35 7	10°48'32	18°43	21°24	22°18	23° 8	15°10	20°48	16°10	11°15	17°53	24°31	23°12	27°49	n.a.	S 10
S 11	8 39 4	11°47'59	2♓24	20°55	22°53	23°53	15°19	20°53	16°13	11°13	17°54	24°23	23° 9	27°56	n.a.	S 11
M12	8 43 0	12°47'24	15°44	20°20	23°26	24°38	15°29	20°58	16°16	11°12	17°55	24°14	23° 5	28° 2	n.a.	M12
T 13	8 46 57	13°46'47	28°42	19°39	23°58	25°24	15°39	21° 4	16°19	11°10	17°56	24° 6	23° 2	28° 9	n.a.	T 13
W14	8 50 53	14°46'07	11♈20	18°54	24°28	26° 9	15°48	21° 9	16°22	11° 8	17°58	24° 0	22°59	28°16	n.a.	W14
T 15	8 54 50	15°45'25	23°39	18° 6	24°57	26°54	15°58	21°14	16°26	11° 7	17°59	23°55	22°56	28°22	n.a.	T 15
F 16	8 58 46	16°44'40	5♉43	17°15	25°25	27°39	16° 8	21°19	16°29	11° 5	18° 0	23°52	22°53	28°29	n.a.	F 16
S 17	9 2 43	17°43'53	17°38	16°23	25°50	28°24	16°18	21°24	16°32	11° 3	18° 1	23°D52	22°50	28°36	n.a.	S 17
S 18	9 6 39	18°43'04	29°27	15°31	26°14	29° 9	16°28	21°29	16°35	11° 2	18° 2	23°52	22°46	28°42	n.a.	S 18
M19	9 10 36	19°42'12	11♊16	14°40	26°36	29°53	16°39	21°34	16°38	11° 0	18° 3	23°53	22°43	28°49	n.a.	M19
T 20	9 14 33	20°41'17	23°11	13°50	26°56	0♓38	16°49	21°38	16°41	10°59	18° 4	23°R54	22°40	28°55	n.a.	T 20
W21	9 18 29	21°40'21	5♋16	13° 3	27°14	1°23	17° 0	21°43	16°44	10°57	18° 6	23°53	22°37	29° 2	n.a.	W21
T 22	9 22 26	22°39'22	17°36	12°20	27°30	2° 8	17°10	21°48	16°47	10°55	18° 7	23°50	22°34	29° 9	n.a.	T 22
F 23	9 26 22	23°38'20	0♌12	11°41	27°44	2°52	17°21	21°52	16°50	10°54	18° 8	23°45	22°30	29°15	n.a.	F 23
S 24	9 30 19	24°37'16	13° 8	11° 7	27°56	3°37	17°32	21°57	16°53	10°52	18° 9	23°38	22°27	29°22	n.a.	S 24
S 25	9 34 15	25°36'10	26°22	10°37	28° 6	4°21	17°43	22° 1	16°55	10°50	18°10	23°28	22°24	29°29	n.a.	S 25
M26	9 38 12	26°35'02	9♍54	10°13	28°13	5° 6	17°54	22° 6	16°58	10°49	18°10	23°18	22°21	29°35	n.a.	M26
T 27	9 42 8	27°33'52	23°41	9°54	28°18	5°50	18° 5	22°10	17° 1	10°47	18°11	23° 7	22°18	29°42	n.a.	T 27
W28	9 46 5	28♒32'40	7♎38	9♒40	28♓21	6♓35	18♈16	22♐14	17♑ 4	10♌46	18♐12	22♐58	22♐15	29♉49	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 4	9s 0	4s59	13s12	1n59	2s46	3n 1	17s 8	0s58	4n39	0s59	23s 3	0n24	23s27	0s33	18n46	1n12	25s57	2s42	23s44	23s41	22n 2		n.a.
F 2	19 51	13 58	4 29	12 45	2 13	2 21	3 9	16 53	0 58	4 42	0 59	23 4	0 24	23 26	0 33	18 47	1 12	25 57	2 43	23 44	23 41	22 3		n.a.
S 3	19 37	18 15	3 43	12 21	2 27	1 56	3 18	16 39	0 57	4 46	0 58	23 4	0 24	23 26	0 33	18 47	1 12	25 57	2 43	23 44	23 41	22 4		n.a.
S 4	19 22	21 30	2 43	11 59	2 40	1 31	3 26	16 24	0 57	4 49	0 58	23 4	0 24	23 25	0 33	18 48	1 12	25 58	2 43	23 44	23 40	22 4		n.a.
M 5	19 7	23 26	1 33	11 42	2 53	1 7	3 35	16 9	0 56	4 53	0 58	23 5	0 24	23 25	0 33	18 48	1 12	25 58	2 43	23 44	23 40	22 5		n.a.
T 6	18 52	23 51	0 16	11 28	3 5	0 42	3 43	15 54	0 56	4 57	0 58	23 5	0 24	23 25	0 33	18 48	1 12	25 58	2 43	23 44	23 40	22 6		n.a.
W 7	18 37	22 39	1n 2	11 17	3 15	0 19	3 52	15 39	0 56	5 0	0 57	23 6	0 24	23 24	0 33	18 49	1 12	25 59	2 43	23 44	23 40	22 7		n.a.
T 8	18 21	20 0	2 15	11 10	3 25	0n 4	4 0	15 24	0 55	5 4	0 57	23 6	0 24	23 24	0 33	18 49	1 12	25 59	2 43	23 44	23 40	22 7		n.a.
F 9	18 5	16 10	3 19	11 8	3 33	0 27	4 9	15 8	0 55	5 8	0 57	23 7	0 24	23 24	0 33	18 50	1 12	25 59	2 44	23 43	23 40	22 8		n.a.
S 10	17 49	11 30	4 10	11 9	3 39	0 50	4 18	14 53	0 54	5 12	0 57	23 7	0 23	23 23	0 33	18 50	1 12	25 59	2 44	23 43	23 39	22 9		n.a.
S 11	17 32	6 21	4 46	11 13	3 44	1 12	4 26	14 37	0 54	5 16	0 56	23 8	0 23	23 23	0 33	18 51	1 12	26 0	2 44	23 43	23 39	22 10		n.a.
M12	17 15	1 3	5 4	11 22	3 47	1 33	4 35	14 22	0 53	5 20	0 56	23 8	0 23	23 22	0 33	18 51	1 12	26 0	2 44	23 42	23 39	22 11		n.a.
T 13	16 58	4n 9	5 7	11 33	3 48	1 54	4 44	14 6	0 53	5 24	0 56	23 8	0 23	23 22	0 33	18 52	1 12	26 0	2 44	23 42	23 39	22 11		n.a.
W14	16 40	9 3	4 54	11 48	3 48	2 14	4 52	13 50	0 52	5 28	0 56	23 9	0 23	23 22	0 33	18 52	1 12	26 0	2 44	23 42	23 39	22 12		n.a.
T 15	16 23	13 27	4 28	12 5	3 45	2 34	5 1	13 34	0 52	5 32	0 56	23 9	0 23	23 21	0 33	18 53	1 12	26 1	2 45	23 42	23 39	22 13		n.a.
F 16	16 5	17 15	3 50	12 25	3 41	2 52	5 10	13 18	0 51	5 36	0 55	23 10	0 23	23 21	0 33	18 53	1 12	26 1	2 45	23 41	23 38	22 14		n.a.
S 17	15 46	20 17	3 2	12 46	3 35	3 11	5 19	13 1	0 51	5 40	0 55	23 10	0 23	23 21	0 33	18 54	1 12	26 1	2 45	23 41	23 38	22 14		n.a.
S 18	15 28	22 26	2 8	13 9	3 27	3 28	5 27	12 45	0 51	5 44	0 55	23 10	0 23	23 20	0 33	18 54	1 12	26 2	2 45	23 41	23 38	22 15		n.a.
M19	15 9	23 37	1 7	13 33	3 18	3 45	5 36	12 29	0 50	5 49	0 55	23 11	0 23	23 20	0 33	18 55	1 12	26 2	2 45	23 42	23 38	22 16		n.a.
T 20	14 50	23 43	0 4	13 58	3 7	4 1	5 44	12 12	0 50	5 53	0 54	23 11	0 23	23 20	0 33	18 55	1 12	26 2	2 45	23 42	23 38	22 16		n.a.
W21	14 31	22 43	1s 1	14 22	2 55	4 16	5 53	11 55	0 49	5 57	0 54	23 11	0 23	23 19	0 33	18 56	1 12	26 2	2 45	23 42	23 38	22 17		n.a.
T 22	14 11	20 37	2 3	14 47	2 43	4 30	6 1	11 39	0 49	6 1	0 54	23 12	0 23	23 19	0 33	18 56	1 12	26 3	2 46	23 41	23 37	22 18		n.a.
F 23	13 52	17 29	3 2	15 11	2 29	4 43	6 9	11 22	0 48	6 6	0 54	23 12	0 23	23 18	0 33	18 56	1 12	26 3	2 46	23 41	23 37	22 19		n.a.
S 24	13 32	13 27	3 52	15 34	2 15	4 55	6 17	11 5	0 48	6 10	0 54	23 12	0 23	23 18	0 33	18 57	1 12	26 3	2 46	23 41	23 37	22 19		n.a.
S 25	13 12	8 42	4 31	15 57	2 0	5 6	6 25	10 48	0 47	6 14	0 53	23 13	0 23	23 18	0 33	18 57	1 12	26 3	2 46	23 40	23 37	22 20		n.a.
M26	12 52	3 26	4 55	16 18	1 45	5 16	6 33	10 31	0 47	6 19	0 53	23 13	0 23	23 17	0 33	18 58	1 12	26 4	2 46	23 40	23 37	22 21		n.a.
T 27	12 31	2s 5	5 3	16 38	1 29	5 25	6 40	10 14	0 46	6 23	0 53	23 13	0 23	23 17	0 33	18 58	1 12	26 4	2 46	23 39	23 36	22 21		n.a.
W28	12s10	7s33	4s54	16s56	1n14	5n33	6n48	9s57	0s46	6n28	0s53	23s14	0n23	23s17	0s33	18n59	1n12	26s 4	2s47	23s39	23s36	22n22		n.a.

Julian Day Number = 1286441.5, Delta T = 08h03m17s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'48, Lahiri = -20°23'47 Julian Calendar 1 Feb. 1191 BCE == Greg. Calendar 21 Jan. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

MARCH 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 1	29♒31'25	21♎42	9°R32	28°R22	7♓19	18♈27	22♐18	17♑ 7	10°R44	18♐13	22°R50	22♐11	29♉55	n.a.	T 1
F 2	9 53 58	0♓30'09	5♏50	9°D30	28♓20	8° 3	18°38	22°22	17° 9	10♌43	18°14	22♐46	22° 8	0♊ 2	n.a.	F 2
S 3	9 57 55	1°28'51	19°59	9♒33	28°15	8°48	18°50	22°26	17°12	10°41	18°15	22°43	22° 5	0° 9	n.a.	S 3
S 4	10 1 51	2°27'32	4♐ 7	9°41	28° 8	9°32	19° 1	22°30	17°15	10°40	18°16	22°D43	22° 2	0°15	n.a.	S 4
M 5	10 5 48	3°26'10	18°12	9°54	27°59	10°16	19°13	22°34	17°18	10°38	18°16	22°R43	21°59	0°22	n.a.	M 5
T 6	10 9 44	4°24'47	2♑15	10°12	27°47	11° 0	19°24	22°38	17°20	10°37	18°17	22°43	21°56	0°29	n.a.	T 6
W 7	10 13 41	5°23'22	16°14	10°35	27°33	11°44	19°36	22°41	17°23	10°35	18°18	22°41	21°52	0°35	n.a.	W 7
T 8	10 17 37	6°21'55	0♒ 7	11° 3	27°16	12°28	19°48	22°45	17°25	10°34	18°18	22°37	21°49	0°42	n.a.	T 8
F 9	10 21 34	7°20'27	13°53	11°34	26°57	13°12	20° 0	22°48	17°28	10°32	18°19	22°29	21°46	0°49	n.a.	F 9
S 10	10 25 30	8°18'56	27°28	12°10	26°36	13°56	20°12	22°52	17°30	10°31	18°20	22°19	21°43	0°55	n.a.	S 10
S 11	10 29 27	9°17'23	10♓50	12°49	26°12	14°40	20°24	22°55	17°33	10°29	18°20	22° 7	21°40	1° 2	n.a.	S 11
M12	10 33 24	10°15'48	23°56	13°33	25°47	15°24	20°36	22°58	17°35	10°28	18°21	21°55	21°36	1° 9	n.a.	M12
T 13	10 37 20	11°14'12	6♈44	14°20	25°19	16° 8	20°48	23° 1	17°37	10°27	18°21	21°43	21°33	1°15	n.a.	T 13
W14	10 41 17	12°12'33	19°16	15°10	24°49	16°51	21° 0	23° 4	17°40	10°25	18°22	21°32	21°30	1°22	n.a.	W14
T 15	10 45 13	13°10'52	1♉32	16° 3	24°18	17°35	21°12	23° 7	17°42	10°24	18°22	21°23	21°27	1°29	n.a.	T 15
F 16	10 49 10	14° 9'09	13°35	17° 0	23°45	18°19	21°25	23°10	17°44	10°23	18°23	21°18	21°24	1°35	n.a.	F 16
S 17	10 53 6	15° 7'23	25°29	17°59	23°10	19° 2	21°37	23°13	17°47	10°21	18°23	21°14	21°21	1°42	n.a.	S 17
S 18	10 57 3	16° 5'36	7♊17	19° 2	22°35	19°46	21°50	23°16	17°49	10°20	18°24	21°13	21°17	1°49	n.a.	S 18
M19	11 0 59	17° 3'47	19° 7	20° 7	21°58	20°29	22° 2	23°18	17°51	10°19	18°24	21°13	21°14	1°55	n.a.	M19
T 20	11 4 56	18° 1'55	1♋ 2	21°14	21°21	21°12	22°15	23°21	17°53	10°17	18°24	21°13	21°11	2° 2	n.a.	T 20
W21	11 8 52	19° 0'01	13° 8	22°25	20°43	21°56	22°27	23°23	17°55	10°16	18°25	21°12	21° 8	2° 9	n.a.	W21
T 22	11 12 49	19°58'05	25°31	23°37	20° 5	22°39	22°40	23°26	17°57	10°15	18°25	21° 8	21° 5	2°15	n.a.	T 22
F 23	11 16 46	20°56'08	8♌15	24°52	19°26	23°22	22°53	23°28	17°59	10°14	18°25	21° 3	21° 1	2°22	n.a.	F 23
S 24	11 20 42	21°54'08	21°21	26°10	18°48	24° 6	23° 5	23°30	18° 1	10°13	18°25	20°54	20°58	2°28	n.a.	S 24
S 25	11 24 39	22°52'06	4♍51	27°29	18°11	24°49	23°18	23°32	18° 3	10°12	18°26	20°44	20°55	2°35	n.a.	S 25
M26	11 28 35	23°50'02	18°44	28°51	17°34	25°32	23°31	23°34	18° 5	10°10	18°26	20°32	20°52	2°42	n.a.	M26
T 27	11 32 32	24°47'56	2♎55	0♓15	16°58	26°15	23°44	23°36	18° 7	10° 9	18°26	20°20	20°49	2°48	n.a.	T 27
W28	11 36 28	25°45'49	17°18	1°41	16°24	26°58	23°57	23°38	18° 9	10° 8	18°26	20°10	20°46	2°55	n.a.	W28
T 29	11 40 25	26°43'41	1♏48	3° 9	15°51	27°41	24°10	23°39	18°10	10° 7	18°26	20° 1	20°42	3° 2	n.a.	T 29
F 30	11 44 21	27°41'30	16°19	4°40	15°19	28°24	24°23	23°41	18°12	10° 6	18°26	19°56	20°39	3° 8	n.a.	F 30
S 31	11 48 18	28♓39'19	0♐44	6♓12	14♓49	29♓ 6	24♈36	23♐42	18♑14	10♌ 5	18♐26	19♐53	20♐36	3♊15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s50	12s42	4s26	17s13	0n59	5n39	6n54	9s40	0s45	6n32	0s53	23s14	0n23	23s16	0s33	18n59	1n12	26s 4	2s47	23s38	23s36	22n23			n.a.
F 2	11 29	17 10	3 42	17 28	0 44	5 45	7 1	9 22	0 45	6 37	0 52	23 14	0 23	23 16	0 33	19 0	1 12	26 4	2 47	23 38	23 36	22 23			n.a.
S 3	11 7	20 40	2 45	17 41	0 29	5 48	7 7	9 5	0 44	6 42	0 52	23 15	0 22	23 16	0 34	19 0	1 12	26 5	2 47	23 38	23 36	22 24			n.a.
S 4	10 46	22 55	1 37	17 53	0 15	5 51	7 13	8 48	0 44	6 46	0 52	23 15	0 22	23 15	0 34	19 0	1 12	26 5	2 47	23 38	23 36	22 25			n.a.
M 5	10 25	23 42	0 24	18 2	0 1	5 52	7 19	8 30	0 43	6 51	0 52	23 15	0 22	23 15	0 34	19 1	1 12	26 5	2 47	23 38	23 35	22 25			n.a.
T 6	10 3	22 59	0n50	18 10	0s12	5 52	7 23	8 13	0 43	6 55	0 52	23 15	0 22	23 15	0 34	19 1	1 12	26 5	2 48	23 38	23 35	22 26			n.a.
W 7	9 41	20 49	2 1	18 16	0 25	5 50	7 28	7 55	0 42	7 0	0 51	23 16	0 22	23 14	0 34	19 2	1 12	26 6	2 48	23 38	23 35	22 26			n.a.
T 8	9 19	17 27	3 5	18 20	0 37	5 47	7 32	7 38	0 42	7 5	0 51	23 16	0 22	23 14	0 34	19 2	1 12	26 6	2 48	23 38	23 35	22 27			n.a.
F 9	8 57	13 10	3 56	18 23	0 49	5 42	7 35	7 20	0 41	7 9	0 51	23 16	0 22	23 14	0 34	19 2	1 12	26 6	2 48	23 37	23 35	22 28			n.a.
S 10	8 35	8 17	4 34	18 23	1 0	5 36	7 38	7 3	0 41	7 14	0 51	23 16	0 22	23 14	0 34	19 3	1 12	26 6	2 48	23 37	23 34	22 28			n.a.
S 11	8 13	3 5	4 55	18 22	1 11	5 29	7 40	6 45	0 40	7 19	0 51	23 17	0 22	23 13	0 34	19 3	1 12	26 7	2 48	23 36	23 34	22 29			n.a.
M12	7 51	2n 8	5 1	18 19	1 21	5 20	7 41	6 27	0 39	7 24	0 50	23 17	0 22	23 13	0 34	19 4	1 12	26 7	2 48	23 35	23 34	22 30			n.a.
T 13	7 28	7 9	4 51	18 14	1 30	5 9	7 42	6 9	0 39	7 29	0 50	23 17	0 22	23 13	0 34	19 4	1 12	26 7	2 49	23 34	23 34	22 30			n.a.
W14	7 6	11 46	4 27	18 7	1 39	4 57	7 41	5 52	0 38	7 33	0 50	23 17	0 22	23 12	0 34	19 4	1 12	26 7	2 49	23 34	23 34	22 31			n.a.
T 15	6 43	15 48	3 51	17 59	1 47	4 43	7 40	5 34	0 38	7 38	0 50	23 17	0 22	23 12	0 34	19 5	1 12	26 7	2 49	23 33	23 33	22 31			n.a.
F 16	6 20	19 7	3 5	17 49	1 54	4 28	7 39	5 16	0 37	7 43	0 50	23 18	0 22	23 12	0 34	19 5	1 12	26 8	2 49	23 33	23 33	22 32			n.a.
S 17	5 57	21 35	2 12	17 37	2 1	4 12	7 36	4 58	0 37	7 48	0 50	23 18	0 22	23 12	0 34	19 5	1 12	26 8	2 49	23 32	23 33	22 32			n.a.
S 18	5 34	23 5	1 13	17 23	2 8	3 55	7 32	4 40	0 36	7 53	0 49	23 18	0 22	23 11	0 34	19 6	1 12	26 8	2 50	23 32	23 33	22 33			n.a.
M19	5 11	23 34	0 11	17 7	2 13	3 36	7 28	4 23	0 36	7 58	0 49	23 18	0 22	23 11	0 34	19 6	1 12	26 8	2 50	23 32	23 32	22 34			n.a.
T 20	4 48	22 58	0s52	16 50	2 18	3 17	7 23	4 5	0 35	8 3	0 49	23 18	0 22	23 11	0 34	19 6	1 12	26 8	2 50	23 32	23 32	22 34			n.a.
W21	4 25	21 18	1 53	16 31	2 23	2 56	7 17	3 47	0 35	8 7	0 49	23 18	0 22	23 11	0 34	19 7	1 12	26 9	2 50	23 32	23 32	22 35			n.a.
T 22	4 2	18 35	2 51	16 10	2 27	2 35	7 10	3 29	0 34	8 12	0 49	23 19	0 22	23 10	0 34	19 7	1 12	26 9	2 50	23 32	23 32	22 35			n.a.
F 23	3 39	14 56	3 42	15 48	2 30	2 12	7 2	3 11	0 33	8 17	0 49	23 19	0 22	23 10	0 34	19 7	1 12	26 9	2 50	23 32	23 32	22 36			n.a.
S 24	3 16	10 29	4 22	15 24	2 33	1 50	6 54	2 53	0 33	8 22	0 48	23 19	0 21	23 10	0 34	19 8	1 12	26 9	2 51	23 31	23 31	22 36			n.a.
S 25	2 53	5 24	4 49	14 58	2 35	1 27	6 45	2 35	0 32	8 27	0 48	23 19	0 21	23 10	0 34	19 8	1 12	26 9	2 51	23 30	23 31	22 37			n.a.
M26	2 29	0s 4	5 0	14 30	2 36	1 3	6 35	2 17	0 32	8 32	0 48	23 19	0 21	23 9	0 34	19 8	1 12	26 10	2 51	23 30	23 31	22 37			n.a.
T 27	2 6	5 39	4 54	14 1	2 37	0 40	6 24	2 0	0 31	8 37	0 48	23 19	0 21	23 9	0 34	19 9	1 12	26 10	2 51	23 29	23 31	22 38			n.a.
W28	1 43	11 1	4 28	13 30	2 37	0 16	6 13	1 42	0 31	8 42	0 48	23 20	0 21	23 9	0 34	19 9	1 12	26 10	2 51	23 28	23 30	22 38			n.a.
T 29	1 19	15 48	3 45	12 57	2 37	0s 8	6 2	1 24	0 30	8 47	0 48	23 20	0 21	23 9	0 34	19 9	1 12	26 10	2 51	23 27	23 30	22 39			n.a.
F 30	0 56	19 40	2 48	12 23	2 36	0 31	5 50	1 6	0 30	8 52	0 48	23 20	0 21	23 9	0 34	19 9	1 12	26 10	2 52	23 27	23 30	22 39			n.a.
S 31	0s33	22s16	1s39	11s46	2s35	0s54	5n37	0s48	0s29	8n57	0s47	23s20	0n21	23s 8	0s34	19n10	1n12	26s10	2s52	23s27	23s30	22n40			n.a.

Julian Day Number = 1286469.5, Delta T = 08h03m15s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'44, Lahiri = -20°23'43 Julian Calendar 1 March 1191 BCE == Greg. Calendar 18 Feb. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

APRIL 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 15	29♓37'06	15♐ 1	7♓46	14°R21	29♓49	24♈49	23♐44	18♑15	10°R 4	18°R26	19°D52	20♐33	3♊22	n.a.	S 1
M 2	11 56 11	0♈34'52	29° 8	9°23	13♓55	0♈32	25° 2	23°45	18°17	10♌ 3	18♐26	19°R52	20°30	3°28	n.a.	M 2
T 3	12 0 8	1°32'37	13♑ 4	11° 1	13°32	1°15	25°16	23°46	18°18	10° 3	18°26	19♐52	20°27	3°35	n.a.	T 3
W 4	12 4 4	2°30'20	26°48	12°42	13°10	1°57	25°29	23°47	18°20	10° 2	18°26	19°50	20°23	3°42	n.a.	W 4
T 5	12 8 1	3°28'03	10♒22	14°24	12°51	2°40	25°42	23°48	18°21	10° 1	18°26	19°45	20°20	3°48	n.a.	T 5
F 6	12 11 57	4°25'43	23°45	16° 9	12°34	3°22	25°55	23°49	18°23	10° 0	18°26	19°38	20°17	3°55	n.a.	F 6
S 7	12 15 54	5°23'23	6♓56	17°55	12°20	4° 5	26° 9	23°50	18°24	9°59	18°26	19°29	20°14	4° 2	n.a.	S 7
S 8	12 19 50	6°21'01	19°55	19°44	12° 8	4°47	26°22	23°51	18°25	9°58	18°25	19°17	20°11	4° 8	n.a.	S 8
M 9	12 23 47	7°18'38	2♈42	21°34	11°58	5°30	26°36	23°51	18°27	9°58	18°25	19° 5	20° 7	4°15	n.a.	M 9
T 10	12 27 43	8°16'14	15°15	23°27	11°51	6°12	26°49	23°52	18°28	9°57	18°25	18°53	20° 4	4°22	n.a.	T 10
W11	12 31 40	9°13'48	27°36	25°21	11°46	6°54	27° 2	23°52	18°29	9°56	18°25	18°43	20° 1	4°28	n.a.	W11
T 12	12 35 37	10°11'21	9♉44	27°18	11°44	7°36	27°16	23°53	18°30	9°56	18°24	18°34	19°58	4°35	n.a.	T 12
F 13	12 39 33	11° 8'52	21°42	29°16	11°D44	8°19	27°29	23°53	18°31	9°55	18°24	18°29	19°55	4°41	n.a.	F 13
S 14	12 43 30	12° 6'22	3♊33	1♈17	11°46	9° 1	27°43	23°53	18°32	9°54	18°24	18°25	19°52	4°48	n.a.	S 14
S 15	12 47 26	13° 3'51	15°20	3°19	11°50	9°43	27°57	23°R53	18°33	9°54	18°23	18°D24	19°48	4°55	n.a.	S 15
M16	12 51 23	14° 1'18	27° 8	5°22	11°57	10°25	28°10	23°53	18°34	9°53	18°23	18°24	19°45	5° 1	n.a.	M16
T 17	12 55 19	14°58'44	9♋ 3	7°28	12° 6	11° 7	28°24	23°53	18°35	9°53	18°22	18°R25	19°42	5° 8	n.a.	T 17
W18	12 59 16	15°56'08	21° 9	9°35	12°17	11°49	28°37	23°52	18°36	9°52	18°22	18°25	19°39	5°15	n.a.	W18
T 19	13 3 12	16°53'31	3♌31	11°43	12°30	12°31	28°51	23°52	18°37	9°52	18°21	18°24	19°36	5°21	n.a.	T 19
F 20	13 7 9	17°50'52	16°16	13°52	12°45	13°12	29° 5	23°52	18°37	9°52	18°21	18°20	19°33	5°28	n.a.	F 20
S 21	13 11 6	18°48'12	29°25	16° 3	13° 2	13°54	29°18	23°51	18°38	9°51	18°20	18°15	19°29	5°35	n.a.	S 21
S 22	13 15 2	19°45'31	13♍ 1	18°14	13°21	14°36	29°32	23°50	18°39	9°51	18°20	18° 7	19°26	5°41	n.a.	S 22
M23	13 18 59	20°42'49	27° 4	20°25	13°42	15°18	29°46	23°50	18°39	9°50	18°19	17°59	19°23	5°48	n.a.	M23
T 24	13 22 55	21°40'05	11♎30	22°37	14° 4	15°59	29°59	23°49	18°40	9°50	18°19	17°50	19°20	5°55	n.a.	T 24
W25	13 26 52	22°37'21	26°13	24°48	14°28	16°41	0♉13	23°48	18°40	9°50	18°18	17°42	19°17	6° 1	n.a.	W25
T 26	13 30 48	23°34'36	11♏ 5	26°59	14°54	17°22	0°27	23°47	18°41	9°50	18°17	17°36	19°13	6° 8	n.a.	T 26
F 27	13 34 45	24°31'50	25°59	29°10	15°22	18° 4	0°41	23°46	18°41	9°50	18°17	17°32	19°10	6°15	n.a.	F 27
S 28	13 38 41	25°29'03	10♐46	1♉20	15°50	18°45	0°54	23°45	18°41	9°49	18°16	17°D30	19° 7	6°21	n.a.	S 28
S 29	13 42 38	26°26'16	25°20	3°28	16°21	19°27	1° 8	23°43	18°42	9°49	18°15	17°30	19° 4	6°28	n.a.	S 29
M30	13 46 35	27♈23'28	9♑38	5♉35	16♓53	20♈ 8	1♉22	23♐42	18♑42	9♌49	18♐14	17♐31	19♐ 1	6♊35	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 9	23s24	0s26	11s 9	2s33	1s17	5n24	0s30	0s28	9n 2	0s47	23s20	0n21	23s 8	0s34	19n10	1n12	26s11	2s52	23s26	23s30	22n40		n.a.
M 2	0n14	23 1	0n49	10 30	2 30	1 39	5 11	0 13	0 28	9 7	0 47	23 20	0 21	23 8	0 34	19 10	1 12	26 11	2 52	23 26	23 29	22 41		n.a.
T 3	0 37	21 12	2 0	9 49	2 27	2 0	4 58	0n 5	0 27	9 12	0 47	23 20	0 21	23 8	0 34	19 10	1 12	26 11	2 52	23 26	23 29	22 41		n.a.
W 4	1 1	18 10	3 2	9 6	2 23	2 21	4 45	0 23	0 27	9 17	0 47	23 20	0 21	23 8	0 34	19 11	1 12	26 11	2 52	23 26	23 29	22 42		n.a.
T 5	1 24	14 11	3 54	8 22	2 19	2 41	4 31	0 41	0 26	9 22	0 47	23 20	0 21	23 7	0 34	19 11	1 12	26 11	2 53	23 26	23 29	22 42		n.a.
F 6	1 47	9 33	4 32	7 36	2 14	3 0	4 17	0 58	0 25	9 27	0 47	23 20	0 21	23 7	0 35	19 11	1 12	26 11	2 53	23 25	23 28	22 43		n.a.
S 7	2 11	4 34	4 55	6 49	2 9	3 18	4 4	1 16	0 25	9 32	0 46	23 21	0 21	23 7	0 35	19 11	1 12	26 12	2 53	23 25	23 28	22 43		n.a.
S 8	2 34	0n33	5 2	6 0	2 3	3 35	3 50	1 34	0 24	9 37	0 46	23 21	0 21	23 7	0 35	19 11	1 12	26 12	2 53	23 24	23 28	22 43		n.a.
M 9	2 57	5 34	4 53	5 10	1 56	3 52	3 36	1 51	0 24	9 42	0 46	23 21	0 21	23 7	0 35	19 12	1 12	26 12	2 53	23 23	23 28	22 44		n.a.
T 10	3 20	10 15	4 31	4 18	1 49	4 7	3 23	2 9	0 23	9 47	0 46	23 21	0 21	23 7	0 35	19 12	1 12	26 12	2 53	23 22	23 27	22 44		n.a.
W11	3 43	14 27	3 56	3 25	1 42	4 21	3 9	2 26	0 23	9 52	0 46	23 21	0 21	23 7	0 35	19 12	1 12	26 12	2 54	23 21	23 27	22 45		n.a.
T 12	4 6	17 58	3 11	2 31	1 34	4 34	2 56	2 44	0 22	9 58	0 46	23 21	0 21	23 6	0 35	19 12	1 12	26 12	2 54	23 20	23 27	22 45		n.a.
F 13	4 29	20 42	2 17	1 36	1 25	4 46	2 43	3 1	0 21	10 3	0 46	23 21	0 21	23 6	0 35	19 12	1 11	26 12	2 54	23 20	23 27	22 46		n.a.
S 14	4 52	22 30	1 18	0 39	1 16	4 57	2 30	3 19	0 21	10 8	0 46	23 21	0 20	23 6	0 35	19 12	1 11	26 13	2 54	23 19	23 26	22 46		n.a.
S 15	5 14	23 17	0 16	0n19	1 7	5 7	2 18	3 36	0 20	10 13	0 45	23 21	0 20	23 6	0 35	19 12	1 11	26 13	2 54	23 19	23 26	22 46		n.a.
M16	5 37	23 2	0s47	1 17	0 58	5 16	2 5	3 53	0 20	10 18	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 54	23 19	23 26	22 47		n.a.
T 17	6 0	21 43	1 48	2 17	0 48	5 24	1 53	4 11	0 19	10 23	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 19	23 26	22 47		n.a.
W18	6 22	19 25	2 46	3 17	0 38	5 31	1 41	4 28	0 18	10 28	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 19	23 25	22 47		n.a.
T 19	6 45	16 10	3 37	4 17	0 27	5 36	1 29	4 45	0 18	10 33	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 19	23 25	22 48		n.a.
F 20	7 7	12 6	4 19	5 18	0 17	5 41	1 18	5 2	0 17	10 38	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 19	23 25	22 48		n.a.
S 21	7 29	7 21	4 49	6 19	0 6	5 45	1 7	5 19	0 17	10 43	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 18	23 25	22 49		n.a.
S 22	7 51	2 6	5 4	7 20	0n 4	5 47	0 56	5 36	0 16	10 48	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 13	2 55	23 18	23 24	22 49		n.a.
M23	8 13	3s25	5 2	8 20	0 15	5 49	0 46	5 53	0 16	10 53	0 45	23 21	0 20	23 6	0 35	19 13	1 11	26 14	2 56	23 17	23 24	22 49		n.a.
T 24	8 35	8 54	4 40	9 20	0 25	5 49	0 35	6 10	0 15	10 58	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 16	23 24	22 50		n.a.
W25	8 57	14 0	4 0	10 18	0 35	5 49	0 26	6 26	0 14	11 3	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 15	23 24	22 50		n.a.
T 26	9 18	18 17	3 3	11 16	0 45	5 48	0 16	6 43	0 14	11 8	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 15	23 23	22 50		n.a.
F 27	9 40	21 24	1 53	12 13	0 55	5 46	0 7	7 0	0 13	11 13	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 14	23 23	22 51		n.a.
S 28	10 1	23 2	0 36	13 8	1 4	5 43	0s 3	7 16	0 13	11 18	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 14	23 23	22 51		n.a.
S 29	10 22	23 3	0n42	14 1	1 13	5 39	0 11	7 33	0 12	11 23	0 44	23 21	0 20	23 5	0 35	19 13	1 11	26 14	2 56	23 14	23 23	22 51		n.a.
M30	10n43	21s32	1n57	14n52	1n21	5s34	0s20	7n49	0s11	11n28	0s44	23s21	0n20	23s 5	0s35	19n13	1n11	26s14	2s57	23s14	23s22	22n52		n.a.

Julian Day Number = 1286500.5, Delta T = 08h03m14s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'40, Lahiri = -20°23'39 Julian Calendar 1 Apr. 1191 BCE == Greg. Calendar 21 March 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

MAY 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 31	28♈20'40	23♉38	7♉41	17♓26	20♈49	1♉36	23°R40	18♉42	9°R49	18°R14	17°R32	18♐58	6♊41	n.a.	T 1
W 2	13 54 28	29°17'51	7♒20	9°45	18° 0	21°31	1°50	23♐39	18°42	9°D49	18♐13	17♐32	18°54	6°48	n.a.	W 2
T 3	13 58 24	0♉15'02	20°45	11°47	18°36	22°12	2° 3	23°37	18°43	9♌49	18°12	17°30	18°51	6°54	n.a.	T 3
F 4	14 2 21	1°12'13	3♓53	13°48	19°13	22°53	2°17	23°35	18°43	9°49	18°11	17°26	18°48	7° 1	n.a.	F 4
S 5	14 6 17	2° 9'23	16°47	15°46	19°51	23°34	2°31	23°33	18°R43	9°49	18°10	17°20	18°45	7° 8	n.a.	S 5
S 6	14 10 14	3° 6'33	29°27	17°42	20°30	24°15	2°45	23°31	18°43	9°49	18° 9	17°13	18°42	7°14	n.a.	S 6
M 7	14 14 10	4° 3'42	11♈55	19°35	21°10	24°56	2°58	23°29	18°42	9°49	18° 8	17° 5	18°38	7°21	n.a.	M 7
T 8	14 18 7	5° 0'51	24°13	21°27	21°52	25°37	3°12	23°27	18°42	9°50	18° 8	16°58	18°35	7°28	n.a.	T 8
W 9	14 22 4	5°58'00	6♉20	23°16	22°34	26°18	3°26	23°25	18°42	9°50	18° 7	16°51	18°32	7°34	n.a.	W 9
T 10	14 26 0	6°55'08	18°19	25° 3	23°17	26°59	3°40	23°23	18°42	9°50	18° 6	16°46	18°29	7°41	n.a.	T 10
F 11	14 29 57	7°52'16	0♊11	26°47	24° 1	27°40	3°53	23°20	18°42	9°50	18° 5	16°43	18°26	7°48	n.a.	F 11
S 12	14 33 53	8°49'23	11°59	28°29	24°46	28°21	4° 7	23°18	18°41	9°51	18° 4	16°D41	18°23	7°54	n.a.	S 12
S 13	14 37 50	9°46'30	23°45	0♊ 9	25°32	29° 2	4°21	23°15	18°41	9°51	18° 3	16°42	18°19	8° 1	n.a.	S 13
M14	14 41 46	10°43'36	5♋34	1°46	26°19	29°42	4°35	23°13	18°41	9°51	18° 2	16°43	18°16	8° 8	n.a.	M14
T 15	14 45 43	11°40'42	17°28	3°21	27° 6	0♉23	4°48	23°10	18°40	9°52	18° 0	16°44	18°13	8°14	n.a.	T 15
W16	14 49 40	12°37'47	29°34	4°54	27°54	1° 4	5° 2	23° 7	18°40	9°52	17°59	16°46	18°10	8°21	n.a.	W16
T 17	14 53 36	13°34'52	11♌56	6°24	28°43	1°44	5°16	23° 5	18°39	9°53	17°58	16°R47	18° 7	8°28	n.a.	T 17
F 18	14 57 33	14°31'56	24°38	7°51	29°33	2°25	5°30	23° 2	18°38	9°53	17°57	16°46	18° 4	8°34	n.a.	F 18
S 19	15 1 29	15°29'00	7♍44	9°16	0♈23	3° 5	5°43	22°59	18°38	9°54	17°56	16°44	18° 0	8°41	n.a.	S 19
S 20	15 5 26	16°26'04	21°18	10°39	1°14	3°46	5°57	22°56	18°37	9°54	17°55	16°41	17°57	8°47	n.a.	S 20
M21	15 9 22	17°23'07	5♎19	11°59	2° 6	4°26	6°10	22°52	18°36	9°55	17°54	16°38	17°54	8°54	n.a.	M21
T 22	15 13 19	18°20'10	19°47	13°16	2°58	5° 6	6°24	22°49	18°36	9°55	17°52	16°34	17°51	9° 1	n.a.	T 22
W23	15 17 15	19°17'12	4♏36	14°31	3°51	5°47	6°38	22°46	18°35	9°56	17°51	16°30	17°48	9° 7	n.a.	W23
T 24	15 21 12	20°14'15	19°40	15°43	4°44	6°27	6°51	22°43	18°34	9°57	17°50	16°27	17°44	9°14	n.a.	T 24
F 25	15 25 9	21°11'18	4♐49	16°52	5°38	7° 7	7° 5	22°39	18°33	9°57	17°49	16°26	17°41	9°21	n.a.	F 25
S 26	15 29 5	22° 8'21	19°54	17°58	6°32	7°47	7°18	22°36	18°32	9°58	17°48	16°D25	17°38	9°27	n.a.	S 26
S 27	15 33 2	23° 5'24	4♑47	19° 1	7°27	8°27	7°32	22°32	18°31	9°59	17°46	16°26	17°35	9°34	n.a.	S 27
M28	15 36 58	24° 2'28	19°21	20° 2	8°23	9° 7	7°45	22°29	18°30	10° 0	17°45	16°27	17°32	9°41	n.a.	M28
T 29	15 40 55	24°59'32	3♒32	20°59	9°18	9°48	7°59	22°25	18°29	10° 0	17°44	16°29	17°29	9°47	n.a.	T 29
W30	15 44 51	25°56'37	17°20	21°53	10°15	10°28	8°12	22°21	18°28	10° 1	17°43	16°30	17°25	9°54	n.a.	W30
T 31	15 48 48	26♉53'42	0♓45	22♊44	11♈12	11♉ 8	8♉25	22♐17	18♉27	10♌ 2	17♐41	16°R30	17♐22	10♊ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 4	18s44	3n 2	15n42	1n29	5s29	0s28	8n 6	0s11	11n32	0s44	23s21	0n20	23s 5	0s35	19n13	1n11	26s14	2s57	23s14	23s22	22n52		n.a.
W 2	11 24	14 56	3 56	16 29	1 36	5 22	0 36	8 22	0 10	11 37	0 44	23 21	0 19	23 5	0 35	19 13	1 11	26 14	2 57	23 14	23 22	22 52		n.a.
T 3	11 45	10 28	4 36	17 14	1 42	5 15	0 44	8 38	0 10	11 42	0 44	23 21	0 19	23 5	0 35	19 13	1 11	26 14	2 57	23 14	23 22	22 52		n.a.
F 4	12 5	5 36	5 0	17 57	1 48	5 7	0 51	8 54	0 9	11 47	0 43	23 21	0 19	23 5	0 36	19 13	1 11	26 15	2 57	23 14	23 21	22 53		n.a.
S 5	12 25	0 35	5 9	18 38	1 53	4 58	0 58	9 10	0 8	11 52	0 43	23 21	0 19	23 5	0 36	19 13	1 11	26 15	2 57	23 13	23 21	22 53		n.a.
S 6	12 45	4n23	5 2	19 16	1 58	4 49	1 5	9 26	0 8	11 57	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 13	23 21	22 53		n.a.
M 7	13 5	9 5	4 40	19 52	2 1	4 39	1 12	9 42	0 7	12 2	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 12	23 20	22 54		n.a.
T 8	13 24	13 21	4 6	20 25	2 4	4 28	1 18	9 58	0 7	12 7	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 11	23 20	22 54		n.a.
W 9	13 44	17 1	3 22	20 56	2 7	4 17	1 24	10 13	0 6	12 12	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 10	23 20	22 54		n.a.
T 10	14 3	19 56	2 28	21 25	2 8	4 5	1 30	10 29	0 5	12 16	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 10	23 20	22 54		n.a.
F 11	14 22	21 58	1 29	21 51	2 9	3 53	1 36	10 45	0 5	12 21	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 10	23 19	22 55		n.a.
S 12	14 41	23 1	0 26	22 15	2 9	3 39	1 41	11 0	0 4	12 26	0 43	23 21	0 19	23 6	0 36	19 13	1 11	26 15	2 58	23 9	23 19	22 55		n.a.
S 13	14 59	23 3	0s39	22 37	2 9	3 26	1 47	11 15	0 3	12 31	0 43	23 21	0 19	23 6	0 36	19 12	1 11	26 15	2 59	23 9	23 19	22 55		n.a.
M14	15 17	22 2	1 41	22 57	2 8	3 11	1 52	11 30	0 3	12 36	0 43	23 21	0 19	23 6	0 36	19 12	1 11	26 15	2 59	23 10	23 18	22 55		n.a.
T 15	15 35	20 1	2 40	23 14	2 6	2 57	1 56	11 45	0 2	12 40	0 42	23 21	0 19	23 6	0 36	19 12	1 11	26 15	2 59	23 10	23 18	22 56		n.a.
W16	15 53	17 6	3 33	23 29	2 4	2 41	2 1	12 0	0 2	12 45	0 42	23 21	0 19	23 6	0 36	19 12	1 11	26 15	2 59	23 10	23 18	22 56		n.a.
T 17	16 11	13 23	4 18	23 43	2 0	2 25	2 5	12 15	0 1	12 50	0 42	23 21	0 18	23 6	0 36	19 12	1 11	26 15	2 59	23 10	23 18	22 56		n.a.
F 18	16 28	8 58	4 50	23 54	1 57	2 9	2 9	12 30	0 0	12 54	0 42	23 21	0 18	23 7	0 36	19 12	1 11	26 15	2 59	23 10	23 17	22 56		n.a.
S 19	16 45	4 2	5 10	24 3	1 52	1 52	2 13	12 45	0n 0	12 59	0 42	23 20	0 18	23 7	0 36	19 12	1 10	26 15	2 59	23 10	23 17	22 56		n.a.
S 20	17 2	1s16	5 12	24 11	1 47	1 35	2 17	12 59	0 1	13 4	0 42	23 20	0 18	23 7	0 36	19 11	1 10	26 15	3 0	23 9	23 17	22 57		n.a.
M21	17 18	6 41	4 57	24 16	1 41	1 18	2 20	13 14	0 1	13 8	0 42	23 20	0 18	23 7	0 36	19 11	1 10	26 15	3 0	23 9	23 16	22 57		n.a.
T 22	17 34	11 54	4 23	24 20	1 35	1 0	2 24	13 28	0 2	13 13	0 42	23 20	0 18	23 7	0 36	19 11	1 10	26 15	3 0	23 9	23 16	22 57		n.a.
W23	17 50	16 33	3 30	24 23	1 28	0 41	2 27	13 42	0 3	13 18	0 42	23 20	0 18	23 7	0 36	19 11	1 10	26 15	3 0	23 8	23 16	22 57		n.a.
T 24	18 6	20 13	2 22	24 24	1 21	0 22	2 30	13 56	0 3	13 22	0 42	23 20	0 18	23 7	0 36	19 11	1 10	26 15	3 0	23 8	23 16	22 57		n.a.
F 25	18 21	22 29	1 4	24 23	1 13	0 3	2 32	14 10	0 4	13 27	0 42	23 20	0 18	23 8	0 36	19 10	1 10	26 15	3 0	23 8	23 15	22 57		n.a.
S 26	18 36	23 8	0n19	24 21	1 4	0n16	2 35	14 24	0 4	13 31	0 42	23 20	0 18	23 8	0 36	19 10	1 10	26 15	3 0	23 8	23 15	22 58		n.a.
S 27	18 51	22 5	1 40	24 17	0 55	0 36	2 37	14 38	0 5	13 36	0 42	23 20	0 18	23 8	0 36	19 10	1 10	26 15	3 0	23 8	23 15	22 58		n.a.
M28	19 6	19 35	2 52	24 12	0 45	0 56	2 40	14 52	0 6	13 40	0 42	23 19	0 18	23 8	0 36	19 10	1 10	26 15	3 1	23 8	23 14	22 58		n.a.
T 29	19 20	15 56	3 52	24 6	0 35	1 17	2 42	15 5	0 6	13 45	0 42	23 19	0 18	23 8	0 36	19 9	1 10	26 15	3 1	23 8	23 14	22 58		n.a.
W30	19 34	11 31	4 36	23 59	0 24	1 37	2 43	15 19	0 7	13 49	0 41	23 19	0 18	23 8	0 36	19 9	1 10	26 15	3 1	23 8	23 14	22 58		n.a.
T 31	19n47	6s39	5n 4	23n51	0n13	1n58	2s45	15n32	0n 7	13n54	0s41	23s19	0n17	23s 9	0s36	19n 9	1n10	26s15	3s 1	23s 8	23s13	22n58		n.a.

Julian Day Number = 1286530.5, Delta T = 08h03m12s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'35, Lahiri = -20°23'35 Julian Calendar 1 May 1191 BCE == Greg. Calendar 20 Apr. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

JUNE 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 52 45	27♉50'48	13♓48	23♊31	12♈ 9	11♉47	8♉39	22°R14	18°R25	10♌ 3	17°R40	16°R29	17♐19	10♊ 7	n.a.	F 1
S 2	15 56 41	28°47'54	26°33	24°15	13° 7	12°27	8°52	22♐10	18♑24	10° 4	17♐39	16♐28	17°16	10°14	n.a.	S 2
S 3	16 0 38	29°45'01	9♈ 1	24°55	14° 5	13° 7	9° 5	22° 6	18°23	10° 5	17°37	16°25	17°13	10°21	n.a.	S 3
M 4	16 4 34	0♊42'09	21°16	25°31	15° 3	13°47	9°19	22° 2	18°21	10° 6	17°36	16°23	17°10	10°27	n.a.	M 4
T 5	16 8 31	1°39'17	3♉21	26° 3	16° 2	14°27	9°32	21°58	18°20	10° 7	17°35	16°21	17° 6	10°34	n.a.	T 5
W 6	16 12 27	2°36'26	15°18	26°31	17° 1	15° 7	9°45	21°54	18°19	10° 8	17°33	16°19	17° 3	10°40	n.a.	W 6
T 7	16 16 24	3°33'35	27° 9	26°54	18° 1	15°46	9°58	21°50	18°17	10° 9	17°32	16°18	17° 0	10°47	n.a.	T 7
F 8	16 20 20	4°30'45	8♊57	27°13	19° 1	16°26	10°11	21°46	18°16	10°10	17°30	16°17	16°57	10°54	n.a.	F 8
S 9	16 24 17	5°27'56	20°44	27°28	20° 1	17° 6	10°24	21°41	18°14	10°11	17°29	16°D17	16°54	11° 0	n.a.	S 9
S 10	16 28 14	6°25'07	2♋32	27°38	21° 2	17°45	10°38	21°37	18°13	10°13	17°28	16°17	16°50	11° 7	n.a.	S 10
M11	16 32 10	7°22'19	14°24	27°43	22° 3	18°25	10°50	21°33	18°11	10°14	17°26	16°18	16°47	11°14	n.a.	M11
T 12	16 36 7	8°19'31	26°23	27°R43	23° 4	19° 4	11° 3	21°29	18° 9	10°15	17°25	16°19	16°44	11°20	n.a.	T 12
W13	16 40 3	9°16'43	8♌32	27°39	24° 5	19°44	11°16	21°24	18° 8	10°16	17°24	16°20	16°41	11°27	n.a.	W13
T 14	16 44 0	10°13'57	20°56	27°29	25° 7	20°23	11°29	21°20	18° 6	10°18	17°22	16°20	16°38	11°34	n.a.	T 14
F 15	16 47 56	11°11'10	3♍37	27°14	26° 9	21° 2	11°42	21°16	18° 4	10°19	17°21	16°21	16°35	11°40	n.a.	F 15
S 16	16 51 53	12° 8'24	16°40	26°55	27°11	21°42	11°55	21°11	18° 2	10°20	17°19	16°R21	16°31	11°47	n.a.	S 16
S 17	16 55 50	13° 5'39	0♎ 6	26°31	28°14	22°21	12° 7	21° 7	18° 1	10°22	17°18	16°20	16°28	11°54	n.a.	S 17
M18	16 59 46	14° 2'54	13°59	26° 3	29°17	23° 0	12°20	21° 2	17°59	10°23	17°16	16°20	16°25	12° 0	n.a.	M18
T 19	17 3 43	15° 0'10	28°18	25°30	0♉20	23°39	12°33	20°58	17°57	10°25	17°15	16°20	16°22	12° 7	n.a.	T 19
W20	17 7 39	15°57'27	13♏ 0	24°54	1°23	24°19	12°45	20°54	17°55	10°26	17°14	16°D20	16°19	12°14	n.a.	W20
T 21	17 11 36	16°54'44	28° 0	24°15	2°27	24°58	12°58	20°49	17°53	10°27	17°12	16°20	16°15	12°20	n.a.	T 21
F 22	17 15 32	17°52'02	13♐10	23°33	3°31	25°37	13°10	20°45	17°51	10°29	17°11	16°R20	16°12	12°27	n.a.	F 22
S 23	17 19 29	18°49'22	28°21	22°49	4°35	26°16	13°23	20°40	17°49	10°30	17° 9	16°20	16° 9	12°33	n.a.	S 23
S 24	17 23 25	19°46'42	13♑24	22° 4	5°39	26°55	13°35	20°36	17°47	10°32	17° 8	16°20	16° 6	12°40	n.a.	S 24
M25	17 27 22	20°44'04	28°11	21°19	6°44	27°34	13°47	20°31	17°45	10°34	17° 7	16°19	16° 3	12°47	n.a.	M25
T 26	17 31 19	21°41'27	12♒35	20°34	7°48	28°13	13°59	20°27	17°43	10°35	17° 5	16°19	16° 0	12°53	n.a.	T 26
W27	17 35 15	22°38'51	26°33	19°50	8°53	28°52	14°11	20°22	17°41	10°37	17° 4	16°18	15°56	13° 0	n.a.	W27
T 28	17 39 12	23°36'17	10♓ 4	19° 9	9°59	29°31	14°24	20°18	17°39	10°38	17° 2	16°18	15°53	13° 7	n.a.	T 28
F 29	17 43 8	24°33'44	23° 9	18°30	11° 4	0♊10	14°36	20°13	17°37	10°40	17° 1	16°D18	15°50	13°13	n.a.	F 29
S 30	17 47 5	25♊31'13	5♈52	17♊55	12♉10	0♊48	14♉47	20♐ 9	17♑35	10♌42	16♐59	16♐18	15♐47	13♊20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 0	1s38	5n16	23n41	0n 1	2n20	2s47	15n45	0n 8	13n58	0s41	23s19	0n17	23s 9	0s36	19n 9	1n10	26s15	3s 1	23s 8	23s13	22n58		n.a.
S 2	20 13	3n21	5 11	23 31	0s11	2 41	2 48	15 58	0 9	14 2	0 41	23 19	0 17	23 9	0 36	19 8	1 10	26 15	3 1	23 8	23 13	22 59		n.a.
S 3	20 26	8 5	4 52	23 20	0 24	3 3	2 49	16 11	0 9	14 7	0 41	23 19	0 17	23 9	0 37	19 8	1 10	26 15	3 1	23 8	23 13	22 59		n.a.
M 4	20 38	12 26	4 20	23 8	0 37	3 25	2 50	16 24	0 10	14 11	0 41	23 18	0 17	23 9	0 37	19 8	1 10	26 15	3 1	23 8	23 12	22 59		n.a.
T 5	20 50	16 13	3 36	22 56	0 51	3 47	2 51	16 36	0 10	14 15	0 41	23 18	0 17	23 10	0 37	19 7	1 10	26 15	3 2	23 7	23 12	22 59		n.a.
W 6	21 2	19 18	2 43	22 43	1 4	4 9	2 52	16 49	0 11	14 20	0 41	23 18	0 17	23 10	0 37	19 7	1 10	26 15	3 2	23 7	23 12	22 59		n.a.
T 7	21 13	21 32	1 44	22 29	1 18	4 31	2 53	17 1	0 12	14 24	0 41	23 18	0 17	23 10	0 37	19 7	1 10	26 15	3 2	23 7	23 11	22 59		n.a.
F 8	21 24	22 50	0 41	22 16	1 33	4 54	2 53	17 13	0 12	14 28	0 41	23 18	0 17	23 10	0 37	19 6	1 10	26 15	3 2	23 7	23 11	22 59		n.a.
S 9	21 34	23 6	0s25	22 1	1 47	5 17	2 54	17 25	0 13	14 32	0 41	23 18	0 17	23 11	0 37	19 6	1 10	26 15	3 2	23 7	23 11	22 59		n.a.
S 10	21 44	22 20	1 29	21 47	2 2	5 39	2 54	17 37	0 14	14 37	0 41	23 17	0 17	23 11	0 37	19 6	1 10	26 15	3 2	23 7	23 10	22 59		n.a.
M11	21 54	20 34	2 30	21 33	2 16	6 2	2 54	17 49	0 14	14 41	0 41	23 17	0 17	23 11	0 37	19 5	1 10	26 15	3 2	23 7	23 10	22 59		n.a.
T 12	22 3	17 52	3 25	21 18	2 31	6 25	2 54	18 1	0 15	14 45	0 41	23 17	0 16	23 11	0 37	19 5	1 10	26 15	3 2	23 7	23 10	23 0		n.a.
W13	22 12	14 23	4 11	21 4	2 45	6 48	2 54	18 12	0 15	14 49	0 41	23 17	0 16	23 12	0 37	19 5	1 10	26 15	3 2	23 7	23 9	23 0		n.a.
T 14	22 21	10 13	4 47	20 49	2 59	7 12	2 53	18 24	0 16	14 53	0 41	23 17	0 16	23 12	0 37	19 4	1 10	26 15	3 2	23 7	23 9	23 0		n.a.
F 15	22 29	5 32	5 10	20 35	3 13	7 35	2 53	18 35	0 17	14 57	0 41	23 16	0 16	23 12	0 37	19 4	1 10	26 15	3 3	23 7	23 9	23 0		n.a.
S 16	22 37	0 29	5 18	20 22	3 26	7 58	2 52	18 46	0 17	15 1	0 41	23 16	0 16	23 12	0 37	19 3	1 10	26 15	3 3	23 7	23 8	23 0		n.a.
S 17	22 45	4s45	5 9	20 9	3 39	8 21	2 52	18 57	0 18	15 5	0 41	23 16	0 16	23 13	0 37	19 3	1 10	26 15	3 3	23 7	23 8	23 0		n.a.
M18	22 52	9 55	4 42	19 56	3 50	8 44	2 51	19 8	0 18	15 9	0 40	23 16	0 16	23 13	0 37	19 3	1 10	26 15	3 3	23 7	23 8	23 0		n.a.
T 19	22 59	14 43	3 57	19 45	4 1	9 8	2 50	19 18	0 19	15 13	0 40	23 15	0 16	23 13	0 37	19 2	1 10	26 15	3 3	23 7	23 7	23 0		n.a.
W20	23 5	18 46	2 55	19 34	4 11	9 31	2 49	19 29	0 20	15 17	0 40	23 15	0 16	23 13	0 37	19 2	1 10	26 15	3 3	23 7	23 7	23 0		n.a.
T 21	23 11	21 40	1 40	19 24	4 19	9 54	2 48	19 39	0 20	15 21	0 40	23 15	0 16	23 14	0 37	19 1	1 10	26 15	3 3	23 7	23 7	23 0		n.a.
F 22	23 16	23 3	0 18	19 15	4 26	10 17	2 47	19 49	0 21	15 25	0 40	23 15	0 16	23 14	0 37	19 1	1 10	26 15	3 3	23 7	23 6	23 0		n.a.
S 23	23 21	22 43	1n 6	19 7	4 31	10 40	2 45	19 59	0 21	15 28	0 40	23 15	0 16	23 14	0 37	19 1	1 10	26 15	3 3	23 7	23 6	23 0		n.a.
S 24	23 26	20 45	2 25	19 1	4 35	11 3	2 44	20 9	0 22	15 32	0 40	23 14	0 15	23 15	0 37	19 0	1 10	26 15	3 3	23 7	23 6	23 0		n.a.
M25	23 30	17 24	3 32	18 56	4 37	11 26	2 42	20 19	0 23	15 36	0 40	23 14	0 15	23 15	0 37	19 0	1 10	26 14	3 3	23 7	23 5	23 0		n.a.
T 26	23 34	13 5	4 24	18 53	4 37	11 49	2 41	20 28	0 23	15 40	0 40	23 14	0 15	23 15	0 37	18 59	1 10	26 14	3 4	23 7	23 5	23 0		n.a.
W27	23 38	8 11	4 59	18 51	4 36	12 11	2 39	20 37	0 24	15 43	0 40	23 14	0 15	23 15	0 37	18 59	1 10	26 14	3 4	23 7	23 5	23 0		n.a.
T 28	23 41	3 3	5 16	18 51	4 33	12 34	2 37	20 47	0 25	15 47	0 40	23 13	0 15	23 16	0 37	18 58	1 10	26 14	3 4	23 7	23 4	23 0		n.a.
F 29	23 43	2n 3	5 15	18 53	4 28	12 56	2 35	20 56	0 25	15 51	0 40	23 13	0 15	23 16	0 37	18 58	1 10	26 14	3 4	23 7	23 4	23 0		n.a.
S 30	23n45	6n56	4n59	18n57	4s21	13n18	2s33	21n 5	0n26	15n54	0s40	23s13	0n15	23s16	0s37	18n57	1n10	26s14	3s 4	23s 7	23s 4	23n 0		n.a.

Julian Day Number = 1286561.5, Delta T = 08h03m10s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'31, Lahiri = -20°23'31 Julian Calendar 1 June 1191 BCE == Greg. Calendar 21 May 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

JULY 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 1	26♊28'43	18♈15	17°R24	13♉15	1♊27	14♉59	20°R 5	17°R32	10♏43	16°R58	16♐18	15♐44	13♊27	n.a.	S 1
M 2	17 54 58	27°26'15	0♉24	16♊59	14°21	2° 6	15°11	20♐ 0	17♑30	10°45	16♐57	16°19	15°41	13°33	n.a.	M 2
T 3	17 58 54	28°23'48	12°22	16°39	15°28	2°45	15°23	19°56	17°28	10°47	16°55	16°20	15°37	13°40	n.a.	T 3
W 4	18 2 51	29°21'23	24°12	16°25	16°34	3°23	15°34	19°51	17°26	10°49	16°54	16°21	15°34	13°47	n.a.	W 4
T 5	18 6 48	0♋18'59	6♊ 0	16°17	17°40	4° 2	15°46	19°47	17°24	10°50	16°53	16°22	15°31	13°53	n.a.	T 5
F 6	18 10 44	1°16'37	17°47	16°D16	18°47	4°40	15°58	19°43	17°21	10°52	16°51	16°R23	15°28	14° 0	n.a.	F 6
S 7	18 14 41	2°14'17	29°36	16°23	19°54	5°19	16° 9	19°38	17°19	10°54	16°50	16°22	15°25	14° 7	n.a.	S 7
S 8	18 18 37	3°11'58	11♋29	16°36	21° 1	5°58	16°20	19°34	17°17	10°56	16°48	16°21	15°21	14°13	n.a.	S 8
M 9	18 22 34	4° 9'40	23°29	16°57	22° 8	6°36	16°32	19°30	17°14	10°58	16°47	16°19	15°18	14°20	n.a.	M 9
T 10	18 26 30	5° 7'24	5♌38	17°25	23°16	7°14	16°43	19°26	17°12	11° 0	16°46	16°16	15°15	14°26	n.a.	T 10
W11	18 30 27	6° 5'09	17°57	18° 0	24°23	7°53	16°54	19°21	17°10	11° 1	16°44	16°13	15°12	14°33	n.a.	W11
T 12	18 34 23	7° 2'55	0♍29	18°43	25°31	8°31	17° 5	19°17	17° 7	11° 3	16°43	16°10	15° 9	14°40	n.a.	T 12
F 13	18 38 20	8° 0'43	13°16	19°32	26°39	9°10	17°16	19°13	17° 5	11° 5	16°42	16° 8	15° 6	14°46	n.a.	F 13
S 14	18 42 17	8°58'32	26°19	20°29	27°47	9°48	17°27	19° 9	17° 3	11° 7	16°41	16° 6	15° 2	14°53	n.a.	S 14
S 15	18 46 13	9°56'22	9♎42	21°32	28°55	10°26	17°37	19° 5	17° 0	11° 9	16°39	16°D 5	14°59	15° 0	n.a.	S 15
M16	18 50 10	10°54'14	23°26	22°41	0♊ 3	11° 4	17°48	19° 1	16°58	11°11	16°38	16° 6	14°56	15° 6	n.a.	M16
T 17	18 54 6	11°52'07	7♏31	23°56	1°11	11°43	17°59	18°57	16°56	11°13	16°37	16° 7	14°53	15°13	n.a.	T 17
W18	18 58 3	12°50'02	21°56	25°17	2°20	12°21	18° 9	18°53	16°53	11°15	16°35	16° 9	14°50	15°20	n.a.	W18
T 19	19 1 59	13°47'58	6♐40	26°44	3°28	12°59	18°19	18°49	16°51	11°17	16°34	16°10	14°47	15°26	n.a.	T 19
F 20	19 5 56	14°45'56	21°37	28°15	4°37	13°37	18°30	18°45	16°48	11°19	16°33	16°R10	14°43	15°33	n.a.	F 20
S 21	19 9 52	15°43'56	6♑39	29°51	5°46	14°15	18°40	18°42	16°46	11°21	16°32	16° 9	14°40	15°40	n.a.	S 21
S 22	19 13 49	16°41'57	21°39	1♋30	6°55	14°53	18°50	18°38	16°44	11°23	16°31	16° 6	14°37	15°46	n.a.	S 22
M23	19 17 46	17°40'00	6♒27	3°14	8° 4	15°31	19° 0	18°34	16°41	11°25	16°29	16° 2	14°34	15°53	n.a.	M23
T 24	19 21 42	18°38'04	20°56	5° 0	9°14	16° 9	19°10	18°31	16°39	11°27	16°28	15°57	14°31	16° 0	n.a.	T 24
W25	19 25 39	19°36'11	5♓ 1	6°49	10°23	16°47	19°19	18°27	16°37	11°30	16°27	15°52	14°27	16° 6	n.a.	W25
T 26	19 29 35	20°34'20	18°38	8°40	11°33	17°25	19°29	18°24	16°34	11°32	16°26	15°48	14°24	16°13	n.a.	T 26
F 27	19 33 32	21°32'31	1♈48	10°33	12°43	18° 2	19°39	18°21	16°32	11°34	16°25	15°45	14°21	16°19	n.a.	F 27
S 28	19 37 28	22°30'44	14°34	12°27	13°52	18°40	19°48	18°17	16°29	11°36	16°24	15°43	14°18	16°26	n.a.	S 28
S 29	19 41 25	23°28'59	26°57	14°22	15° 2	19°18	19°57	18°14	16°27	11°38	16°23	15°D43	14°15	16°33	n.a.	S 29
M30	19 45 21	24°27'17	9♉ 4	16°17	16°13	19°56	20° 7	18°11	16°25	11°40	16°22	15°44	14°12	16°39	n.a.	M30
T 31	19 49 18	25♋25'37	21♉ 0	18♋13	17♊23	20♊33	20♉16	18♐ 8	16♑22	11♏42	16♐21	15♐45	14♐ 8	16♊46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	11n25	4n30	19n 2	4s13	13n40	2s31	21n13	0n26	15n58	0s40	23s13	0n15	23s17	0s37	18n57	1n 9	26s14	3s 4	23s 7	23s 3	23n 0		n.a.
M 2	23 49	15 21	3 48	19 9	4 3	14 2	2 29	21 22	0 27	16 1	0 40	23 12	0 15	23 17	0 37	18 56	1 9	26 14	3 4	23 7	23 3	23 0		n.a.
T 3	23 50	18 37	2 58	19 18	3 52	14 24	2 27	21 30	0 28	16 5	0 40	23 12	0 15	23 17	0 37	18 56	1 9	26 14	3 4	23 7	23 3	23 0		n.a.
W 4	23 50	21 4	2 0	19 29	3 40	14 45	2 25	21 38	0 28	16 8	0 40	23 12	0 14	23 18	0 37	18 55	1 9	26 14	3 4	23 7	23 2	22 59		n.a.
T 5	23 50	22 36	0 57	19 41	3 27	15 6	2 22	21 46	0 29	16 12	0 40	23 12	0 14	23 18	0 37	18 55	1 9	26 14	3 4	23 7	23 2	22 59		n.a.
F 6	23 50	23 8	0s 8	19 55	3 13	15 27	2 20	21 54	0 29	16 15	0 40	23 12	0 14	23 18	0 37	18 54	1 9	26 14	3 4	23 8	23 2	22 59		n.a.
S 7	23 49	22 38	1 13	20 10	2 58	15 48	2 18	22 2	0 30	16 18	0 40	23 11	0 14	23 19	0 37	18 54	1 9	26 14	3 4	23 7	23 1	22 59		n.a.
S 8	23 48	21 6	2 15	20 27	2 43	16 8	2 15	22 10	0 31	16 22	0 40	23 11	0 14	23 19	0 37	18 53	1 9	26 14	3 4	23 7	23 1	22 59		n.a.
M 9	23 46	18 37	3 11	20 44	2 27	16 28	2 12	22 17	0 31	16 25	0 40	23 11	0 14	23 19	0 37	18 53	1 9	26 13	3 4	23 7	23 1	22 59		n.a.
T 10	23 44	15 18	4 0	21 3	2 12	16 48	2 10	22 24	0 32	16 28	0 40	23 11	0 14	23 19	0 37	18 52	1 9	26 13	3 5	23 7	23 0	22 59		n.a.
W11	23 42	11 18	4 38	21 22	1 55	17 8	2 7	22 31	0 32	16 32	0 40	23 10	0 14	23 20	0 37	18 52	1 9	26 13	3 5	23 7	23 0	22 59		n.a.
T 12	23 39	6 45	5 3	21 42	1 39	17 27	2 4	22 38	0 33	16 35	0 40	23 10	0 14	23 20	0 37	18 51	1 9	26 13	3 5	23 6	23 0	22 59		n.a.
F 13	23 35	1 51	5 15	22 2	1 23	17 46	2 1	22 45	0 34	16 38	0 40	23 10	0 14	23 20	0 37	18 51	1 9	26 13	3 5	23 6	22 59	22 59		n.a.
S 14	23 32	3s15	5 10	22 22	1 7	18 4	1 58	22 51	0 34	16 41	0 40	23 10	0 13	23 21	0 37	18 50	1 9	26 13	3 5	23 6	22 59	22 59		n.a.
S 15	23 27	8 19	4 49	22 42	0 52	18 22	1 55	22 57	0 35	16 44	0 40	23 9	0 13	23 21	0 37	18 49	1 9	26 13	3 5	23 6	22 58	22 58		n.a.
M16	23 23	13 7	4 11	23 1	0 36	18 40	1 52	23 4	0 36	16 47	0 40	23 9	0 13	23 21	0 37	18 49	1 9	26 13	3 5	23 6	22 58	22 58		n.a.
T 17	23 18	17 20	3 17	23 20	0 22	18 57	1 49	23 10	0 36	16 50	0 40	23 9	0 13	23 22	0 37	18 48	1 9	26 13	3 5	23 6	22 58	22 58		n.a.
W18	23 12	20 38	2 9	23 37	0 8	19 14	1 46	23 15	0 37	16 53	0 40	23 9	0 13	23 22	0 37	18 48	1 9	26 13	3 5	23 6	22 57	22 58		n.a.
T 19	23 6	22 38	0 52	23 53	0n 6	19 31	1 43	23 21	0 37	16 56	0 40	23 8	0 13	23 22	0 37	18 47	1 9	26 13	3 5	23 6	22 57	22 58		n.a.
F 20	23 0	23 4	0n30	24 8	0 19	19 47	1 40	23 26	0 38	16 59	0 40	23 8	0 13	23 23	0 37	18 47	1 9	26 13	3 5	23 6	22 57	22 58		n.a.
S 21	22 53	21 50	1 50	24 21	0 31	20 2	1 37	23 32	0 39	17 2	0 40	23 8	0 13	23 23	0 37	18 46	1 9	26 13	3 5	23 6	22 56	22 58		n.a.
S 22	22 46	19 4	3 2	24 31	0 42	20 17	1 34	23 37	0 39	17 5	0 40	23 8	0 13	23 23	0 37	18 45	1 9	26 12	3 5	23 6	22 56	22 57		n.a.
M23	22 39	15 5	4 1	24 40	0 52	20 32	1 30	23 42	0 40	17 7	0 40	23 8	0 13	23 24	0 37	18 45	1 9	26 12	3 5	23 5	22 56	22 57		n.a.
T 24	22 31	10 17	4 43	24 46	1 1	20 46	1 27	23 46	0 40	17 10	0 40	23 7	0 12	23 24	0 37	18 44	1 9	26 12	3 5	23 5	22 55	22 57		n.a.
W25	22 23	5 5	5 7	24 49	1 10	21 0	1 24	23 51	0 41	17 13	0 40	23 7	0 12	23 24	0 37	18 44	1 9	26 12	3 5	23 4	22 55	22 57		n.a.
T 26	22 14	0n12	5 12	24 50	1 18	21 13	1 20	23 55	0 42	17 15	0 40	23 7	0 12	23 24	0 37	18 43	1 9	26 12	3 5	23 4	22 54	22 57		n.a.
F 27	22 5	5 18	5 0	24 49	1 24	21 25	1 17	23 59	0 42	17 18	0 40	23 7	0 12	23 25	0 37	18 42	1 9	26 12	3 5	23 4	22 54	22 57		n.a.
S 28	21 55	10 1	4 34	24 44	1 30	21 37	1 14	24 3	0 43	17 21	0 40	23 7	0 12	23 25	0 37	18 42	1 9	26 12	3 5	23 3	22 54	22 56		n.a.
S 29	21 45	14 12	3 55	24 37	1 35	21 49	1 10	24 7	0 44	17 23	0 40	23 6	0 12	23 25	0 37	18 41	1 9	26 12	3 5	23 3	22 53	22 56		n.a.
M30	21 35	17 42	3 7	24 28	1 39	22 0	1 7	24 11	0 44	17 26	0 40	23 6	0 12	23 26	0 37	18 41	1 9	26 12	3 5	23 3	22 53	22 56		n.a.
T 31	21n24	20n24	2n11	24n16	1n43	22n10	1s 4	24n14	0n45	17n28	0s40	23s 6	0n12	23s26	0s37	18n40	1n 9	26s12	3s 5	23s 4	22s53	22n56		n.a.

Julian Day Number = 1286591.5, Delta T = 08h03m09s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'27, Lahiri = -20°23'27 Julian Calendar 1 July 1191 BCE == Greg. Calendar 20 June 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

AUGUST 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 53 15	26♋23'59	2♊48	20♋ 9	18♊33	21♊11	20♉25	18°R 5	16°R20	11♌45	16°R20	15♐47	14♐ 5	16♊53	n.a.	W 1
T 2	19 57 11	27°22'23	14°35	22° 5	19°44	21°49	20°33	18♐ 2	16♑18	11°47	16♐19	15°R48	14° 2	16°59	n.a.	T 2
F 3	20 1 8	28°20'49	26°23	24° 0	20°54	22°26	20°42	17°59	16°15	11°49	16°18	15°47	13°59	17° 6	n.a.	F 3
S 4	20 5 4	29°19'18	8♋17	25°56	22° 5	23° 4	20°51	17°56	16°13	11°51	16°17	15°44	13°56	17°13	n.a.	S 4
S 5	20 9 1	0♌17'48	20°20	27°50	23°16	23°41	20°59	17°53	16°11	11°53	16°16	15°40	13°53	17°19	n.a.	S 5
M 6	20 12 57	1°16'21	2♌32	29°44	24°27	24°19	21° 8	17°51	16° 8	11°55	16°15	15°33	13°49	17°26	n.a.	M 6
T 7	20 16 54	2°14'56	14°56	1♌37	25°37	24°56	21°16	17°48	16° 6	11°58	16°14	15°25	13°46	17°33	n.a.	T 7
W 8	20 20 50	3°13'33	27°31	3°29	26°49	25°34	21°24	17°46	16° 4	12° 0	16°13	15°17	13°43	17°39	n.a.	W 8
T 9	20 24 47	4°12'11	10♍19	5°20	28° 0	26°11	21°32	17°43	16° 2	12° 2	16°12	15° 8	13°40	17°46	n.a.	T 9
F 10	20 28 44	5°10'52	23°20	7°10	29°11	26°48	21°40	17°41	15°59	12° 4	16°11	15° 1	13°37	17°52	n.a.	F 10
S 11	20 32 40	6° 9'34	6♎33	8°59	0♋22	27°26	21°47	17°39	15°57	12° 7	16°11	14°55	13°33	17°59	n.a.	S 11
S 12	20 36 37	7° 8'19	20° 0	10°47	1°34	28° 3	21°55	17°37	15°55	12° 9	16°10	14°51	13°30	18° 6	n.a.	S 12
M13	20 40 33	8° 7'05	3♏41	12°34	2°46	28°40	22° 2	17°35	15°53	12°11	16° 9	14°D50	13°27	18°12	n.a.	M13
T 14	20 44 30	9° 5'53	17°37	14°21	3°57	29°17	22° 9	17°33	15°51	12°13	16° 8	14°50	13°24	18°19	n.a.	T 14
W15	20 48 26	10° 4'43	1♐46	16° 6	5° 9	29°54	22°16	17°31	15°48	12°15	16° 8	14°51	13°21	18°26	n.a.	W15
T 16	20 52 23	11° 3'35	16°10	17°50	6°21	0♋31	22°23	17°29	15°46	12°18	16° 7	14°R51	13°18	18°32	n.a.	T 16
F 17	20 56 19	12° 2'29	0♑44	19°33	7°33	1° 8	22°30	17°27	15°44	12°20	16° 6	14°50	13°14	18°39	n.a.	F 17
S 18	21 0 16	13° 1'24	15°25	21°15	8°45	1°46	22°37	17°26	15°42	12°22	16° 6	14°47	13°11	18°46	n.a.	S 18
S 19	21 4 12	14° 0'22	0♒ 6	22°57	9°57	2°22	22°43	17°24	15°40	12°24	16° 5	14°41	13° 8	18°52	n.a.	S 19
M20	21 8 9	14°59'22	14°41	24°37	11° 9	2°59	22°50	17°23	15°38	12°27	16° 4	14°33	13° 5	18°59	n.a.	M20
T 21	21 12 6	15°58'23	29° 3	26°17	12°22	3°36	22°56	17°22	15°36	12°29	16° 4	14°24	13° 2	19° 6	n.a.	T 21
W22	21 16 2	16°57'27	13♓ 4	27°55	13°34	4°13	23° 2	17°20	15°34	12°31	16° 3	14°13	12°59	19°12	n.a.	W22
T 23	21 19 59	17°56'34	26°41	29°33	14°46	4°50	23° 8	17°19	15°32	12°33	16° 3	14° 4	12°55	19°19	n.a.	T 23
F 24	21 23 55	18°55'42	9♈53	1♍10	15°59	5°27	23°14	17°18	15°31	12°35	16° 2	13°56	12°52	19°26	n.a.	F 24
S 25	21 27 52	19°54'53	22°40	2°46	17°12	6° 4	23°19	17°17	15°29	12°38	16° 2	13°50	12°49	19°32	n.a.	S 25
S 26	21 31 48	20°54'07	5♉ 6	4°21	18°24	6°40	23°24	17°17	15°27	12°40	16° 1	13°47	12°46	19°39	n.a.	S 26
M27	21 35 45	21°53'23	17°14	5°55	19°37	7°17	23°30	17°16	15°25	12°42	16° 1	13°D45	12°43	19°45	n.a.	M27
T 28	21 39 41	22°52'42	29°10	7°28	20°50	7°54	23°35	17°15	15°23	12°44	16° 1	13°46	12°39	19°52	n.a.	T 28
W29	21 43 38	23°52'03	10♊59	9° 1	22° 3	8°30	23°40	17°15	15°22	12°47	16° 0	13°R46	12°36	19°59	n.a.	W29
T 30	21 47 34	24°51'26	22°46	10°33	23°16	9° 7	23°44	17°14	15°20	12°49	16° 0	13°46	12°33	20° 5	n.a.	T 30
F 31	21 51 31	25♌50'52	4♋37	12♍ 4	24♋29	9♋43	23♉49	17♐14	15♑18	12♌51	16♐ 0	13♐44	12♐30	20♊12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21n13	22n13	1n10	24n 2	1n45	22n20	1s 0	24n18	0n45	17n31	0s40	23s 6	0n12	23s26	0s37	18n39	1n 9	26s12	3s 5	23s 4	22s52	22n56		n.a.	
T 2	21 2	23 2	0 7	23 45	1 47	22 29	0 57	24 21	0 46	17 33	0 40	23 6	0 12	23 27	0 37	18 39	1 9	26 12	3 5	23 4	22 52	22 55		n.a.	
F 3	20 50	22 50	0s57	23 26	1 48	22 38	0 53	24 24	0 47	17 35	0 40	23 6	0 11	23 27	0 37	18 38	1 9	26 11	3 5	23 4	22 51	22 55		n.a.	
S 4	20 38	21 35	1 59	23 5	1 49	22 46	0 50	24 26	0 47	17 38	0 40	23 5	0 11	23 27	0 37	18 38	1 9	26 11	3 6	23 3	22 51	22 55		n.a.	
S 5	20 25	19 22	2 56	22 42	1 48	22 53	0 46	24 29	0 48	17 40	0 40	23 5	0 11	23 27	0 37	18 37	1 9	26 11	3 6	23 3	22 51	22 55		n.a.	
M 6	20 12	16 16	3 46	22 18	1 48	23 0	0 43	24 31	0 49	17 42	0 40	23 5	0 11	23 28	0 37	18 36	1 9	26 11	3 6	23 2	22 50	22 54		n.a.	
T 7	19 59	12 24	4 25	21 51	1 46	23 6	0 40	24 33	0 49	17 44	0 40	23 5	0 11	23 28	0 37	18 36	1 9	26 11	3 6	23 1	22 50	22 54		n.a.	
W 8	19 45	7 57	4 53	21 23	1 44	23 12	0 36	24 35	0 50	17 46	0 40	23 5	0 11	23 28	0 37	18 35	1 9	26 11	3 6	23 0	22 49	22 54		n.a.	
T 9	19 31	3 6	5 6	20 54	1 42	23 17	0 33	24 37	0 50	17 49	0 40	23 5	0 11	23 28	0 37	18 34	1 9	26 11	3 6	22 59	22 49	22 54		n.a.	
F 10	19 17	1s57	5 4	20 23	1 39	23 21	0 29	24 39	0 51	17 51	0 40	23 5	0 11	23 29	0 37	18 34	1 9	26 11	3 6	22 59	22 49	22 53		n.a.	
S 11	19 3	7 0	4 46	19 51	1 36	23 24	0 26	24 40	0 52	17 53	0 40	23 5	0 11	23 29	0 37	18 33	1 9	26 11	3 6	22 58	22 48	22 53		n.a.	
S 12	18 48	11 49	4 12	19 18	1 32	23 27	0 22	24 42	0 52	17 55	0 40	23 4	0 10	23 29	0 37	18 33	1 9	26 11	3 6	22 58	22 48	22 53		n.a.	
M13	18 32	16 7	3 23	18 44	1 28	23 29	0 19	24 43	0 53	17 57	0 40	23 4	0 10	23 30	0 37	18 32	1 9	26 11	3 6	22 57	22 47	22 53		n.a.	
T 14	18 17	19 37	2 21	18 8	1 24	23 31	0 16	24 44	0 54	17 58	0 40	23 4	0 10	23 30	0 37	18 31	1 9	26 11	3 6	22 57	22 47	22 52		n.a.	
W15	18 1	22 0	1 10	17 32	1 20	23 32	0 12	24 44	0 54	18 0	0 40	23 4	0 10	23 30	0 37	18 31	1 9	26 11	3 6	22 58	22 47	22 52		n.a.	
T 16	17 44	22 59	0n 7	16 55	1 15	23 32	0 9	24 45	0 55	18 2	0 40	23 4	0 10	23 30	0 37	18 30	1 9	26 11	3 6	22 58	22 46	22 52		n.a.	
F 17	17 28	22 26	1 24	16 18	1 9	23 31	0 6	24 45	0 56	18 4	0 40	23 4	0 10	23 31	0 37	18 29	1 9	26 10	3 6	22 57	22 46	22 51		n.a.	
S 18	17 11	20 21	2 36	15 39	1 4	23 30	0 3	24 46	0 56	18 6	0 40	23 4	0 10	23 31	0 37	18 29	1 9	26 10	3 6	22 57	22 45	22 51		n.a.	
S 19	16 54	16 55	3 38	15 1	0 58	23 28	0n 1	24 46	0 57	18 7	0 40	23 4	0 10	23 31	0 37	18 28	1 9	26 10	3 6	22 56	22 45	22 51		n.a.	
M20	16 36	12 29	4 24	14 21	0 53	23 25	0 4	24 45	0 57	18 9	0 40	23 4	0 10	23 31	0 37	18 27	1 9	26 10	3 6	22 55	22 45	22 50		n.a.	
T 21	16 19	7 25	4 53	13 42	0 47	23 22	0 7	24 45	0 58	18 10	0 40	23 4	0 10	23 31	0 37	18 27	1 9	26 10	3 6	22 54	22 44	22 50		n.a.	
W22	16 1	2 5	5 4	13 1	0 40	23 18	0 10	24 45	0 59	18 12	0 40	23 4	0 9	23 32	0 37	18 26	1 9	26 10	3 6	22 53	22 44	22 50		n.a.	
T 23	15 42	3n11	4 57	12 21	0 34	23 13	0 13	24 44	0 59	18 14	0 40	23 4	0 9	23 32	0 37	18 26	1 9	26 10	3 6	22 52	22 43	22 49		n.a.	
F 24	15 24	8 10	4 34	11 40	0 27	23 8	0 16	24 43	1 0	18 15	0 40	23 4	0 9	23 32	0 37	18 25	1 9	26 10	3 6	22 51	22 43	22 49		n.a.	
S 25	15 5	12 38	3 58	10 59	0 21	23 2	0 19	24 42	1 1	18 16	0 40	23 4	0 9	23 32	0 37	18 24	1 9	26 10	3 6	22 50	22 43	22 49		n.a.	
S 26	14 46	16 26	3 11	10 18	0 14	22 55	0 22	24 41	1 1	18 18	0 40	23 4	0 9	23 32	0 37	18 24	1 9	26 10	3 6	22 50	22 42	22 48		n.a.	
M27	14 27	19 26	2 17	9 36	0 7	22 47	0 25	24 40	1 2	18 19	0 40	23 4	0 9	23 33	0 37	18 23	1 9	26 10	3 6	22 50	22 42	22 48		n.a.	
T 28	14 7	21 33	1 17	8 55	0 0	22 39	0 28	24 38	1 3	18 20	0 40	23 4	0 9	23 33	0 37	18 22	1 9	26 10	3 6	22 50	22 41	22 48		n.a.	
W29	13 47	22 42	0 15	8 13	0s 7	22 30	0 31	24 37	1 3	18 22	0 40	23 4	0 9	23 33	0 37	18 22	1 9	26 10	3 6	22 50	22 41	22 47		n.a.	
T 30	13 27	22 50	0s48	7 31	0 14	22 21	0 34	24 35	1 4	18 23	0 40	23 4	0 9	23 33	0 37	18 21	1 10	26 10	3 6	22 50	22 41	22 47		n.a.	
F 31	13n 7	21n57	1s49	6n50	0s21	22n10	0n36	24n33	1n 5	18n24	0s40	23s 4	0n 9	23s33	0s37	18n21	1n10	26s10	3s 6	22s50	22s40	22n47		n.a.	

Julian Day Number = 1286622.5, Delta T = 08h03m07s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'23, Lahiri = -20°23'23 Julian Calendar 1 Aug. 1191 BCE == Greg. Calendar 21 July 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

SEPTEMBER 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 28	26♌50'20	16♋36	13♍34	25♋43	10♋20	23♉53	17°R14	15°R17	12♌53	15°R59	13°R39	12♐27	20♊19	n.a.	S 1
S 2	21 59 24	27°49'51	28°47	15° 4	26°56	10°56	23°57	17♐14	15♑15	12°55	15♐59	13♐32	12°24	20°25	n.a.	S 2
M 3	22 3 21	28°49'24	11♌12	16°33	28° 9	11°32	24° 1	17°D14	15°14	12°57	15°59	13°22	12°20	20°32	n.a.	M 3
T 4	22 7 17	29°48'59	23°52	18° 0	29°23	12° 9	24° 5	17°14	15°12	13° 0	15°59	13°10	12°17	20°39	n.a.	T 4
W 5	22 11 14	0♍48'36	6♍48	19°28	0♌36	12°45	24° 9	17°14	15°11	13° 2	15°59	12°57	12°14	20°45	n.a.	W 5
T 6	22 15 10	1°48'15	19°58	20°54	1°50	13°21	24°12	17°14	15° 9	13° 4	15°59	12°44	12°11	20°52	n.a.	T 6
F 7	22 19 7	2°47'57	3♎21	22°19	3° 4	13°57	24°16	17°15	15° 8	13° 6	15°58	12°33	12° 8	20°59	n.a.	F 7
S 8	22 23 3	3°47'40	16°55	23°44	4°17	14°34	24°19	17°15	15° 6	13° 8	15°58	12°23	12° 4	21° 5	n.a.	S 8
S 9	22 27 0	4°47'26	0♏37	25° 7	5°31	15°10	24°22	17°16	15° 5	13°10	15°58	12°17	12° 1	21°12	n.a.	S 9
M10	22 30 56	5°47'13	14°27	26°30	6°45	15°46	24°24	17°16	15° 4	13°12	15°D58	12°14	11°58	21°19	n.a.	M10
T 11	22 34 53	6°47'02	28°23	27°52	7°59	16°22	24°27	17°17	15° 3	13°15	15°58	12°13	11°55	21°25	n.a.	T 11
W12	22 38 50	7°46'53	12♐26	29°13	9°13	16°58	24°29	17°18	15° 1	13°17	15°58	12°12	11°52	21°32	n.a.	W12
T 13	22 42 46	8°46'46	26°35	0♎32	10°27	17°34	24°31	17°19	15° 0	13°19	15°58	12°12	11°49	21°38	n.a.	T 13
F 14	22 46 43	9°46'41	10♑48	1°51	11°41	18° 9	24°33	17°20	14°59	13°21	15°59	12°10	11°45	21°45	n.a.	F 14
S 15	22 50 39	10°46'37	25° 4	3° 8	12°55	18°45	24°35	17°21	14°58	13°23	15°59	12° 6	11°42	21°52	n.a.	S 15
S 16	22 54 36	11°46'36	9♒19	4°24	14° 9	19°21	24°37	17°23	14°57	13°25	15°59	11°58	11°39	21°58	n.a.	S 16
M17	22 58 32	12°46'36	23°29	5°38	15°23	19°57	24°38	17°24	14°56	13°27	15°59	11°48	11°36	22° 5	n.a.	M17
T 18	23 2 29	13°46'38	7♓29	6°51	16°38	20°32	24°39	17°26	14°55	13°29	15°59	11°36	11°33	22°12	n.a.	T 18
W19	23 6 25	14°46'41	21°14	8° 2	17°52	21° 8	24°40	17°27	14°55	13°31	16° 0	11°23	11°30	22°18	n.a.	W19
T 20	23 10 22	15°46'47	4♈41	9°11	19° 6	21°43	24°41	17°29	14°54	13°33	16° 0	11°11	11°26	22°25	n.a.	T 20
F 21	23 14 19	16°46'55	17°46	10°18	20°21	22°19	24°42	17°31	14°53	13°35	16° 0	11° 0	11°23	22°32	n.a.	F 21
S 22	23 18 15	17°47'06	0♉31	11°22	21°35	22°54	24°42	17°33	14°52	13°37	16° 0	10°52	11°20	22°38	n.a.	S 22
S 23	23 22 12	18°47'18	12°55	12°24	22°50	23°30	24°R42	17°35	14°52	13°39	16° 1	10°47	11°17	22°45	n.a.	S 23
M24	23 26 8	19°47'33	25° 4	13°23	24° 4	24° 5	24°42	17°37	14°51	13°40	16° 1	10°44	11°14	22°52	n.a.	M24
T 25	23 30 5	20°47'49	7♊ 0	14°19	25°19	24°40	24°42	17°39	14°50	13°42	16° 2	10°D43	11°10	22°58	n.a.	T 25
W26	23 34 1	21°48'08	18°49	15°12	26°34	25°16	24°41	17°41	14°50	13°44	16° 2	10°R43	11° 7	23° 5	n.a.	W26
T 27	23 37 58	22°48'29	0♋37	16° 0	27°48	25°51	24°41	17°44	14°49	13°46	16° 3	10°43	11° 4	23°12	n.a.	T 27
F 28	23 41 54	23°48'53	12°29	16°44	29° 3	26°26	24°40	17°46	14°49	13°48	16° 3	10°41	11° 1	23°18	n.a.	F 28
S 29	23 45 51	24°49'18	24°30	17°22	0♍18	27° 1	24°39	17°49	14°49	13°50	16° 4	10°38	10°58	23°25	n.a.	S 29
S 30	23 49 48	25♍49'45	6♌46	17♎55	1♍33	27♋36	24♉38	17♐51	14♑48	13♌51	16♐ 4	10♐31	10♐55	23♊31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n46	20n 3	2s45	6n 8	0s28	22n 0	0n39	24n31	1n 5	18n25	0s40	23s 4	0n 8	23s34	0s37	18n20	1n10	26s10	3s 6	22s49	22s40	22n46		n.a.
S 2	12 25	17 14	3 35	5 26	0 35	21 48	0 42	24 28	1 6	18 26	0 40	23 4	0 8	23 34	0 37	18 19	1 10	26 10	3 6	22 48	22 39	22 46		n.a.
M 3	12 5	13 37	4 15	4 45	0 42	21 36	0 44	24 26	1 6	18 27	0 40	23 4	0 8	23 34	0 37	18 19	1 10	26 10	3 6	22 47	22 39	22 45		n.a.
T 4	11 43	9 19	4 44	4 4	0 50	21 23	0 47	24 23	1 7	18 28	0 40	23 5	0 8	23 34	0 37	18 18	1 10	26 10	3 6	22 45	22 38	22 45		n.a.
W 5	11 22	4 32	4 59	3 22	0 57	21 9	0 49	24 20	1 8	18 29	0 40	23 5	0 8	23 34	0 37	18 18	1 10	26 10	3 6	22 44	22 38	22 45		n.a.
T 6	11 0	0s31	4 58	2 41	1 4	20 55	0 52	24 17	1 8	18 30	0 40	23 5	0 8	23 34	0 37	18 17	1 10	26 10	3 6	22 42	22 38	22 44		n.a.
F 7	10 39	5 39	4 41	2 1	1 11	20 40	0 54	24 14	1 9	18 31	0 40	23 5	0 8	23 35	0 37	18 16	1 10	26 10	3 6	22 40	22 37	22 44		n.a.
S 8	10 17	10 34	4 9	1 20	1 18	20 25	0 56	24 11	1 10	18 31	0 40	23 5	0 8	23 35	0 37	18 16	1 10	26 10	3 6	22 39	22 37	22 43		n.a.
S 9	9 55	15 0	3 21	0 40	1 25	20 9	0 59	24 7	1 10	18 32	0 40	23 5	0 8	23 35	0 37	18 15	1 10	26 10	3 6	22 38	22 36	22 43		n.a.
M10	9 32	18 41	2 21	0 1	1 32	19 52	1 1	24 4	1 11	18 33	0 40	23 5	0 8	23 35	0 37	18 15	1 10	26 10	3 6	22 38	22 36	22 43		n.a.
T 11	9 10	21 18	1 12	0s38	1 38	19 35	1 3	24 0	1 12	18 33	0 40	23 6	0 7	23 35	0 37	18 14	1 10	26 10	3 6	22 38	22 35	22 42		n.a.
W12	8 47	22 38	0n 1	1 17	1 45	19 17	1 5	23 56	1 12	18 34	0 40	23 6	0 7	23 35	0 37	18 13	1 10	26 10	3 6	22 38	22 35	22 42		n.a.
T 13	8 25	22 32	1 15	1 55	1 52	18 59	1 7	23 52	1 13	18 34	0 40	23 6	0 7	23 35	0 37	18 13	1 10	26 10	3 6	22 38	22 35	22 41		n.a.
F 14	8 2	20 59	2 25	2 33	1 58	18 40	1 9	23 48	1 14	18 35	0 40	23 6	0 7	23 35	0 37	18 12	1 10	26 10	3 6	22 38	22 34	22 41		n.a.
S 15	7 39	18 6	3 26	3 9	2 4	18 21	1 11	23 44	1 15	18 35	0 40	23 6	0 7	23 35	0 37	18 12	1 10	26 10	3 6	22 37	22 34	22 40		n.a.
S 16	7 16	14 9	4 14	3 45	2 10	18 1	1 13	23 39	1 15	18 36	0 40	23 7	0 7	23 36	0 37	18 11	1 10	26 10	3 6	22 36	22 33	22 40		n.a.
M17	6 52	9 26	4 45	4 21	2 16	17 40	1 14	23 35	1 16	18 36	0 40	23 7	0 7	23 36	0 37	18 11	1 10	26 10	3 6	22 35	22 33	22 39		n.a.
T 18	6 29	4 17	5 0	4 55	2 21	17 19	1 16	23 30	1 17	18 36	0 40	23 7	0 7	23 36	0 37	18 10	1 10	26 10	3 6	22 33	22 32	22 39		n.a.
W19	6 5	1n 0	4 56	5 28	2 27	16 58	1 18	23 25	1 17	18 37	0 40	23 7	0 7	23 36	0 37	18 9	1 10	26 10	3 6	22 31	22 32	22 39		n.a.
T 20	5 42	6 6	4 36	6 1	2 31	16 36	1 19	23 20	1 18	18 37	0 40	23 8	0 7	23 36	0 37	18 9	1 10	26 10	3 6	22 29	22 32	22 38		n.a.
F 21	5 18	10 48	4 2	6 32	2 36	16 13	1 21	23 15	1 19	18 37	0 40	23 8	0 6	23 36	0 37	18 8	1 10	26 10	3 6	22 28	22 31	22 38		n.a.
S 22	4 54	14 53	3 16	7 1	2 40	15 50	1 22	23 9	1 19	18 37	0 40	23 8	0 6	23 36	0 37	18 8	1 10	26 10	3 6	22 27	22 31	22 37		n.a.
S 23	4 30	18 13	2 22	7 29	2 44	15 26	1 23	23 4	1 20	18 37	0 40	23 8	0 6	23 36	0 37	18 7	1 10	26 10	3 6	22 26	22 30	22 37		n.a.
M24	4 6	20 40	1 22	7 56	2 47	15 3	1 25	22 58	1 21	18 37	0 39	23 9	0 6	23 36	0 37	18 7	1 10	26 10	3 6	22 26	22 30	22 36		n.a.
T 25	3 42	22 10	0 20	8 20	2 50	14 38	1 26	22 53	1 21	18 37	0 39	23 9	0 6	23 36	0 37	18 6	1 10	26 10	3 6	22 25	22 29	22 36		n.a.
W26	3 18	22 39	0s43	8 43	2 52	14 13	1 27	22 47	1 22	18 37	0 39	23 9	0 6	23 36	0 37	18 6	1 10	26 10	3 6	22 25	22 29	22 35		n.a.
T 27	2 54	22 6	1 44	9 3	2 54	13 48	1 28	22 41	1 23	18 37	0 39	23 10	0 6	23 36	0 37	18 5	1 10	26 10	3 6	22 25	22 28	22 35		n.a.
F 28	2 30	20 35	2 40	9 21	2 54	13 23	1 29	22 35	1 24	18 37	0 39	23 10	0 6	23 36	0 37	18 5	1 10	26 10	3 6	22 25	22 28	22 34		n.a.
S 29	2 5	18 7	3 30	9 36	2 54	12 57	1 30	22 29	1 24	18 37	0 39	23 10	0 6	23 36	0 37	18 4	1 10	26 10	3 6	22 25	22 27	22 33		n.a.
S 30	1n41	14n50	4s12	9s48	2s53	12n30	1n30	22n22	1n25	18n36	0s39	23s11	0n 6	23s36	0s37	18n 4	1n10	26s10	3s 6	22s24	22s27	22n33		n.a.

Julian Day Number = 1286653.5, Delta T = 08h03m06s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'19, Lahiri = -20°23'18 Julian Calendar 1 Sept. 1191 BCE == Greg. Calendar 21 Aug. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

OCTOBER 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 53 44	26♍50'15	19♌19	18♎22	2♍48	28♋11	24°R36	17♐54	14°R48	13♌53	16♐ 5	10°R22	10♐51	23♊38	n.a.	M 1
T 2	23 57 41	27°50'46	2♍12	18°43	4° 3	28°46	24♉35	17°57	14♉48	13°55	16° 5	10♐11	10°48	23°45	n.a.	T 2
W 3	0 1 37	28°51'19	15°25	18°55	5°18	29°21	24°33	18° 0	14°48	13°57	16° 6	9°59	10°45	23°51	n.a.	W 3
T 4	0 5 34	29°51'54	28°57	18°R59	6°33	29°55	24°31	18° 3	14°47	13°58	16° 7	9°47	10°42	23°58	n.a.	T 4
F 5	0 9 30	0♎52'30	12♎45	18°55	7°48	0♌30	24°29	18° 6	14°47	14° 0	16° 8	9°36	10°39	24° 5	n.a.	F 5
S 6	0 13 27	1°53'09	26°45	18°41	9° 3	1° 5	24°26	18° 9	14°D47	14° 2	16° 8	9°27	10°36	24°11	n.a.	S 6
S 7	0 17 23	2°53'48	10♏53	18°17	10°18	1°39	24°24	18°13	14°47	14° 3	16° 9	9°21	10°32	24°18	n.a.	S 7
M 8	0 21 20	3°54'30	25° 4	17°42	11°33	2°14	24°21	18°16	14°48	14° 5	16°10	9°18	10°29	24°25	n.a.	M 8
T 9	0 25 16	4°55'12	9♐16	16°57	12°48	2°48	24°18	18°20	14°48	14° 6	16°11	9°D17	10°26	24°31	n.a.	T 9
W10	0 29 13	5°55'56	23°26	16° 3	14° 3	3°22	24°15	18°23	14°48	14° 8	16°11	9°18	10°23	24°38	n.a.	W10
T 11	0 33 10	6°56'41	7♑32	14°59	15°18	3°56	24°11	18°27	14°48	14° 9	16°12	9°R18	10°20	24°45	n.a.	T 11
F 12	0 37 6	7°57'28	21°34	13°48	16°34	4°31	24° 8	18°31	14°48	14°11	16°13	9°17	10°16	24°51	n.a.	F 12
S 13	0 41 3	8°58'15	5♒31	12°31	17°49	5° 5	24° 4	18°35	14°49	14°12	16°14	9°14	10°13	24°58	n.a.	S 13
S 14	0 44 59	9°59'04	19°22	11°10	19° 4	5°39	24° 0	18°39	14°49	14°14	16°15	9° 9	10°10	25° 5	n.a.	S 14
M15	0 48 56	10°59'54	3♓ 5	9°49	20°19	6°13	23°56	18°43	14°50	14°15	16°16	9° 1	10° 7	25°11	n.a.	M15
T 16	0 52 52	12° 0'45	16°38	8°29	21°35	6°47	23°51	18°47	14°50	14°17	16°17	8°51	10° 4	25°18	n.a.	T 16
W17	0 56 49	13° 1'37	29°59	7°13	22°50	7°20	23°47	18°51	14°51	14°18	16°18	8°41	10° 1	25°25	n.a.	W17
T 18	1 0 45	14° 2'30	13♈ 5	6° 4	24° 5	7°54	23°42	18°55	14°51	14°19	16°19	8°31	9°57	25°31	n.a.	T 18
F 19	1 4 42	15° 3'25	25°56	5° 4	25°21	8°28	23°37	18°59	14°52	14°21	16°20	8°23	9°54	25°38	n.a.	F 19
S 20	1 8 39	16° 4'21	8♉30	4°15	26°36	9° 1	23°32	19° 4	14°53	14°22	16°21	8°16	9°51	25°44	n.a.	S 20
S 21	1 12 35	17° 5'19	20°48	3°36	27°51	9°35	23°27	19° 8	14°53	14°23	16°23	8°12	9°48	25°51	n.a.	S 21
M22	1 16 32	18° 6'17	2♊54	3° 9	29° 7	10° 8	23°22	19°13	14°54	14°24	16°24	8°D10	9°45	25°58	n.a.	M22
T 23	1 20 28	19° 7'18	14°49	2°54	0♎22	10°41	23°16	19°18	14°55	14°26	16°25	8°10	9°41	26° 4	n.a.	T 23
W24	1 24 25	20° 8'19	26°37	2°D50	1°38	11°15	23°11	19°22	14°56	14°27	16°26	8°11	9°38	26°11	n.a.	W24
T 25	1 28 21	21° 9'22	8♋25	2°56	2°53	11°48	23° 5	19°27	14°57	14°28	16°27	8°13	9°35	26°18	n.a.	T 25
F 26	1 32 18	22°10'26	20°16	3°13	4° 9	12°21	22°59	19°32	14°58	14°29	16°29	8°R14	9°32	26°24	n.a.	F 26
S 27	1 36 14	23°11'32	2♌17	3°38	5°24	12°54	22°53	19°37	14°59	14°30	16°30	8°13	9°29	26°31	n.a.	S 27
S 28	1 40 11	24°12'39	14°32	4°11	6°40	13°27	22°47	19°42	15° 0	14°31	16°31	8°11	9°26	26°38	n.a.	S 28
M29	1 44 8	25°13'46	27° 6	4°52	7°55	13°59	22°40	19°47	15° 1	14°32	16°33	8° 7	9°22	26°44	n.a.	M29
T 30	1 48 4	26°14'55	10♍ 2	5°39	9°11	14°32	22°34	19°52	15° 2	14°33	16°34	8° 1	9°19	26°51	n.a.	T 30
W31	1 52 1	27♎16'06	23♍23	6♎32	10♎26	15♌ 5	22♉27	19♐57	15♑ 4	14♌34	16♐35	7♐54	9♐16	26♊58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	1n17	10n49	4s42	9s57	2s51	12n 4	1n31	22n16	1n26	18n36	0s39	23s11	0n 6	23s36	0s37	18n 3	1n10	26s10	3s 6	22s22	22s27	22n32					n.a.
T 2	0 52	6 13	4 59	10 2	2 48	11 36	1 32	22 9	1 26	18 36	0 39	23 11	0 5	23 36	0 37	18 3	1 10	26 10	3 6	22 21	22 26	22 32					n.a.
W 3	0 28	1 14	5 1	10 2	2 43	11 9	1 32	22 3	1 27	18 35	0 39	23 12	0 5	23 36	0 37	18 2	1 10	26 10	3 6	22 19	22 26	22 31					n.a.
T 4	0 3	3s56	4 45	9 59	2 38	10 41	1 33	21 56	1 28	18 35	0 39	23 12	0 5	23 36	0 36	18 2	1 11	26 10	3 6	22 17	22 25	22 31					n.a.
F 5	0s21	9 0	4 14	9 50	2 30	10 13	1 33	21 49	1 29	18 34	0 39	23 12	0 5	23 36	0 36	18 1	1 11	26 11	3 6	22 15	22 25	22 30					n.a.
S 6	0 46	13 40	3 26	9 36	2 21	9 45	1 34	21 42	1 29	18 34	0 39	23 13	0 5	23 36	0 36	18 1	1 11	26 11	3 6	22 14	22 24	22 30					n.a.
S 7	1 10	17 38	2 25	9 17	2 10	9 16	1 34	21 35	1 30	18 33	0 39	23 13	0 5	23 36	0 36	18 1	1 11	26 11	3 6	22 13	22 24	22 29					n.a.
M 8	1 35	20 34	1 15	8 52	1 58	8 48	1 34	21 28	1 31	18 32	0 39	23 14	0 5	23 36	0 36	18 0	1 11	26 11	3 6	22 13	22 23	22 28					n.a.
T 9	1 59	22 12	0 0	8 22	1 44	8 18	1 34	21 20	1 32	18 31	0 39	23 14	0 5	23 36	0 36	18 0	1 11	26 11	3 6	22 13	22 23	22 28					n.a.
W10	2 24	22 25	1n15	7 46	1 28	7 49	1 34	21 13	1 32	18 31	0 39	23 14	0 5	23 36	0 36	17 59	1 11	26 11	3 6	22 13	22 22	22 27					n.a.
T 11	2 48	21 12	2 25	7 5	1 10	7 20	1 34	21 6	1 33	18 30	0 39	23 15	0 5	23 36	0 36	17 59	1 11	26 11	3 6	22 13	22 22	22 27					n.a.
F 12	3 12	18 41	3 26	6 19	0 51	6 50	1 34	20 58	1 34	18 29	0 39	23 15	0 5	23 36	0 36	17 58	1 11	26 11	3 6	22 13	22 22	22 26					n.a.
S 13	3 37	15 6	4 14	5 30	0 31	6 20	1 34	20 50	1 35	18 28	0 39	23 16	0 4	23 36	0 36	17 58	1 11	26 11	3 6	22 12	22 21	22 26					n.a.
S 14	4 1	10 43	4 47	4 39	0 11	5 50	1 34	20 43	1 35	18 27	0 39	23 16	0 4	23 36	0 36	17 58	1 11	26 11	3 6	22 11	22 21	22 25					n.a.
M15	4 25	5 50	5 3	3 48	0n10	5 19	1 33	20 35	1 36	18 26	0 39	23 17	0 4	23 36	0 36	17 57	1 11	26 11	3 6	22 10	22 20	22 24					n.a.
T 16	4 49	0 44	5 2	2 57	0 30	4 49	1 33	20 27	1 37	18 25	0 39	23 17	0 4	23 36	0 36	17 57	1 11	26 12	3 6	22 9	22 20	22 24					n.a.
W17	5 14	4n20	4 44	2 9	0 50	4 18	1 33	20 19	1 38	18 24	0 39	23 17	0 4	23 36	0 36	17 57	1 11	26 12	3 6	22 7	22 19	22 23					n.a.
T 18	5 38	9 6	4 12	1 25	1 8	3 47	1 32	20 11	1 38	18 23	0 39	23 18	0 4	23 35	0 36	17 56	1 11	26 12	3 6	22 5	22 19	22 23					n.a.
F 19	6 2	13 23	3 27	0 45	1 25	3 16	1 32	20 2	1 39	18 22	0 39	23 18	0 4	23 35	0 36	17 56	1 11	26 12	3 6	22 4	22 18	22 22					n.a.
S 20	6 25	16 58	2 33	0 12	1 40	2 45	1 31	19 54	1 40	18 21	0 39	23 19	0 4	23 35	0 36	17 56	1 11	26 12	3 6	22 3	22 18	22 21					n.a.
S 21	6 49	19 44	1 32	0n16	1 53	2 14	1 30	19 46	1 41	18 19	0 39	23 19	0 4	23 35	0 36	17 55	1 11	26 12	3 6	22 2	22 17	22 21					n.a.
M22	7 13	21 33	0 28	0 37	2 4	1 43	1 29	19 37	1 41	18 18	0 39	23 20	0 4	23 35	0 36	17 55	1 11	26 12	3 6	22 2	22 17	22 20					n.a.
T 23	7 36	22 22	0s36	0 51	2 13	1 12	1 29	19 29	1 42	18 17	0 38	23 20	0 4	23 35	0 36	17 55	1 11	26 12	3 6	22 2	22 16	22 19					n.a.
W24	8 0	22 9	1 38	1 0	2 20	0 41	1 28	19 20	1 43	18 15	0 38	23 21	0 3	23 35	0 36	17 54	1 11	26 13	3 6	22 2	22 16	22 19					n.a.
T 25	8 23	20 58	2 36	1 2	2 26	0 9	1 27	19 12	1 44	18 14	0 38	23 21	0 3	23 35	0 36	17 54	1 11	26 13	3 6	22 2	22 15	22 18					n.a.
F 26	8 46	18 51	3 28	0 59	2 30	0s22	1 26	19 3	1 45	18 12	0 38	23 22	0 3	23 34	0 36	17 54	1 11	26 13	3 6	22 3	22 15	22 17					n.a.
S 27	9 9	15 54	4 11	0 51	2 32	0 53	1 25	18 54	1 45	18 11	0 38	23 22	0 3	23 34	0 36	17 53	1 12	26 13	3 6	22 2	22 14	22 17					n.a.
S 28	9 32	12 13	4 44	0 38	2 33	1 25	1 23	18 45	1 46	18 9	0 38	23 23	0 3	23 34	0 36	17 53	1 12	26 13	3 6	22 2	22 14	22 16					n.a.
M29	9 55	7 55	5 4	0 22	2 33	1 56	1 22	18 36	1 47	18 8	0 38	23 23	0 3	23 34	0 36	17 53	1 12	26 13	3 6	22 1	22 13	22 15					n.a.
T 30	10 18	3 10	5 10	0 2	2 32	2 28	1 21	18 28	1 48	18 6	0 38	23 24	0 3	23 34	0 36	17 53	1 12	26 13	3 6	22 0	22 13	22 15					n.a.
W31	10s40	1s53	4s59	0s21	2n30	2s59	1n20	18n19	1n49	18n 5	0s38	23s24	0n 3	23s34	0s36	17n52	1n12	26s14	3s 6	21s59	22s12	22n14					n.a.

Julian Day Number = 1286683.5, Delta T = 08h03m04s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'15, Lahiri = -20°23'14 Julian Calendar 1 Oct. 1191 BCE == Greg. Calendar 20 Sept. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

NOVEMBER 1191 BCE (-1190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 57	28♎17'17	7♎ 7	7♎30	11♎42	15♌37	22°R20	20♐ 3	15♑ 5	14♌35	16♐37	7°R47	9♐13	27♊ 4	n.a.	T 1
F 2	1 59 54	29°18'29	21°14	8°32	12°57	16° 9	22♉13	20° 8	15° 6	14°36	16°38	7♐41	9°10	27°11	n.a.	F 2
S 3	2 3 50	0♏19'41	5♏37	9°37	14°13	16°42	22° 6	20°13	15° 8	14°37	16°39	7°36	9° 7	27°18	n.a.	S 3
S 4	2 7 47	1°20'55	20°12	10°47	15°28	17°14	21°59	20°19	15° 9	14°38	16°41	7°33	9° 3	27°24	n.a.	S 4
M 5	2 11 43	2°22'09	4♐51	11°59	16°44	17°46	21°52	20°24	15°11	14°38	16°42	7°D31	9° 0	27°31	n.a.	M 5
T 6	2 15 40	3°23'24	19°29	13°13	17°59	18°18	21°44	20°30	15°12	14°39	16°44	7°32	8°57	27°38	n.a.	T 6
W 7	2 19 37	4°24'39	3♑59	14°30	19°15	18°49	21°37	20°36	15°14	14°40	16°45	7°33	8°54	27°44	n.a.	W 7
T 8	2 23 33	5°25'55	18°18	15°48	20°31	19°21	21°29	20°41	15°15	14°41	16°47	7°35	8°51	27°51	n.a.	T 8
F 9	2 27 30	6°27'10	2♒24	17° 8	21°46	19°52	21°22	20°47	15°17	14°41	16°48	7°R36	8°47	27°58	n.a.	F 9
S 10	2 31 26	7°28'26	16°16	18°30	23° 2	20°24	21°14	20°53	15°19	14°42	16°50	7°35	8°44	28° 4	n.a.	S 10
S 11	2 35 23	8°29'41	29°53	19°52	24°17	20°55	21° 6	20°59	15°21	14°42	16°52	7°34	8°41	28°11	n.a.	S 11
M12	2 39 19	9°30'57	13♓17	21°16	25°33	21°26	20°59	21° 5	15°22	14°43	16°53	7°31	8°38	28°17	n.a.	M12
T 13	2 43 16	10°32'13	26°26	22°41	26°48	21°57	20°51	21°11	15°24	14°43	16°55	7°27	8°35	28°24	n.a.	T 13
W14	2 47 13	11°33'29	9♈22	24° 7	28° 4	22°28	20°43	21°17	15°26	14°44	16°56	7°22	8°32	28°31	n.a.	W14
T 15	2 51 9	12°34'45	22° 5	25°33	29°19	22°59	20°35	21°23	15°28	14°44	16°58	7°18	8°28	28°37	n.a.	T 15
F 16	2 55 6	13°36'02	4♉36	27° 0	0♏35	23°30	20°27	21°29	15°30	14°45	17° 0	7°14	8°25	28°44	n.a.	F 16
S 17	2 59 2	14°37'18	16°55	28°28	1°50	24° 0	20°19	21°35	15°32	14°45	17° 1	7°12	8°22	28°51	n.a.	S 17
S 18	3 2 59	15°38'35	29° 3	29°56	3° 6	24°30	20°11	21°42	15°34	14°46	17° 3	7°10	8°19	28°57	n.a.	S 18
M19	3 6 55	16°39'52	11♊ 3	1♏25	4°21	25° 1	20° 3	21°48	15°36	14°46	17° 5	7°D10	8°16	29° 4	n.a.	M19
T 20	3 10 52	17°41'09	22°55	2°54	5°37	25°31	19°54	21°54	15°38	14°46	17° 7	7°11	8°13	29°11	n.a.	T 20
W21	3 14 48	18°42'27	4♋43	4°24	6°52	26° 1	19°46	22° 1	15°41	14°46	17° 8	7°12	8° 9	29°17	n.a.	W21
T 22	3 18 45	19°43'44	16°31	5°54	8° 8	26°30	19°38	22° 7	15°43	14°47	17°10	7°14	8° 6	29°24	n.a.	T 22
F 23	3 22 42	20°45'02	28°22	7°24	9°24	27° 0	19°30	22°14	15°45	14°47	17°12	7°15	8° 3	29°31	n.a.	F 23
S 24	3 26 38	21°46'20	10♌21	8°55	10°39	27°29	19°22	22°20	15°48	14°47	17°14	7°16	8° 0	29°37	n.a.	S 24
S 25	3 30 35	22°47'38	22°33	10°27	11°55	27°59	19°14	22°27	15°50	14°47	17°15	7°R17	7°57	29°44	n.a.	S 25
M26	3 34 31	23°48'56	5♍ 3	11°58	13°10	28°28	19° 6	22°33	15°52	14°47	17°17	7°16	7°53	29°51	n.a.	M26
T 27	3 38 28	24°50'14	17°54	13°30	14°25	28°57	18°58	22°40	15°55	14°47	17°19	7°16	7°50	29°57	n.a.	T 27
W28	3 42 24	25°51'32	1♎10	15° 3	15°41	29°26	18°50	22°47	15°57	14°R47	17°21	7°14	7°47	0♋ 4	n.a.	W28
T 29	3 46 21	26°52'50	14°54	16°35	16°56	29°54	18°42	22°53	16° 0	14°47	17°23	7°13	7°44	0°11	n.a.	T 29
F 30	3 50 17	27♏54'08	29♎ 3	18♏ 9	18♏12	0♍23	18♉34	23♐ 0	16♑ 2	14♌47	17♐24	7♐11	7♐41	0♋17	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 2	7s 0	4s31	0s47	2n27	3s30	1n18	18n10	1n50	18n 3	0s38	23s24	0n 3	23s34	0s36	17n52	1n12	26s14	3s 6	21s58	22s12	22n13		n.a.
F 2	11 25	11 53	3 46	1 15	2 23	4 1	1 17	18 0	1 50	18 1	0 38	23 25	0 3	23 33	0 36	17 52	1 12	26 14	3 6	21 57	22 11	22 13		n.a.
S 3	11 46	16 12	2 45	1 45	2 19	4 33	1 15	17 51	1 51	18 0	0 38	23 25	0 3	23 33	0 36	17 52	1 12	26 14	3 6	21 56	22 11	22 12		n.a.
S 4	12 8	19 35	1 33	2 17	2 15	5 4	1 14	17 42	1 52	17 58	0 37	23 26	0 3	23 33	0 36	17 52	1 12	26 14	3 6	21 56	22 10	22 11		n.a.
M 5	12 30	21 42	0 15	2 50	2 9	5 34	1 12	17 33	1 53	17 56	0 37	23 26	0 2	23 33	0 36	17 51	1 12	26 14	3 6	21 56	22 10	22 10		n.a.
T 6	12 51	22 20	1n 5	3 24	2 4	6 5	1 10	17 24	1 54	17 54	0 37	23 27	0 2	23 33	0 36	17 51	1 12	26 15	3 6	21 56	22 9	22 10		n.a.
W 7	13 12	21 27	2 20	4 0	1 58	6 36	1 9	17 15	1 55	17 52	0 37	23 27	0 2	23 32	0 36	17 51	1 12	26 15	3 6	21 56	22 9	22 9		n.a.
T 8	13 33	19 11	3 25	4 36	1 52	7 6	1 7	17 5	1 55	17 50	0 37	23 28	0 2	23 32	0 36	17 51	1 12	26 15	3 6	21 56	22 8	22 8		n.a.
F 9	13 54	15 47	4 17	5 13	1 46	7 37	1 5	16 56	1 56	17 48	0 37	23 28	0 2	23 32	0 36	17 51	1 12	26 15	3 6	21 56	22 8	22 8		n.a.
S 10	14 14	11 35	4 52	5 51	1 39	8 7	1 3	16 47	1 57	17 47	0 37	23 29	0 2	23 32	0 36	17 51	1 12	26 15	3 6	21 56	22 7	22 7		n.a.
S 11	14 34	6 51	5 11	6 29	1 32	8 37	1 2	16 37	1 58	17 45	0 37	23 29	0 2	23 31	0 36	17 50	1 12	26 15	3 6	21 56	22 7	22 6		n.a.
M12	14 54	1 53	5 12	7 7	1 25	9 7	1 0	16 28	1 59	17 43	0 37	23 30	0 2	23 31	0 36	17 50	1 12	26 16	3 6	21 55	22 6	22 5		n.a.
T 13	15 14	3n 5	4 57	7 45	1 18	9 36	0 58	16 18	2 0	17 41	0 36	23 30	0 2	23 31	0 35	17 50	1 12	26 16	3 6	21 55	22 6	22 5		n.a.
W14	15 33	7 50	4 26	8 24	1 11	10 6	0 56	16 9	2 1	17 39	0 36	23 31	0 2	23 31	0 35	17 50	1 12	26 16	3 6	21 54	22 5	22 4		n.a.
T 15	15 52	12 11	3 43	9 3	1 4	10 35	0 54	16 0	2 2	17 37	0 36	23 31	0 2	23 31	0 35	17 50	1 12	26 16	3 6	21 53	22 5	22 3		n.a.
F 16	16 11	15 56	2 50	9 41	0 57	11 4	0 52	15 50	2 3	17 35	0 36	23 32	0 2	23 30	0 35	17 50	1 13	26 16	3 6	21 53	22 4	22 2		n.a.
S 17	16 29	18 55	1 49	10 20	0 50	11 32	0 50	15 41	2 3	17 33	0 36	23 32	0 2	23 30	0 35	17 50	1 13	26 17	3 6	21 52	22 4	22 2		n.a.
S 18	16 48	21 0	0 45	10 58	0 43	12 0	0 47	15 31	2 4	17 30	0 36	23 33	0 1	23 30	0 35	17 50	1 13	26 17	3 6	21 52	22 3	22 1		n.a.
M19	17 6	22 7	0s21	11 36	0 35	12 28	0 45	15 22	2 5	17 28	0 36	23 33	0 1	23 29	0 35	17 50	1 13	26 17	3 6	21 52	22 3	22 0		n.a.
T 20	17 23	22 13	1 26	12 14	0 28	12 56	0 43	15 12	2 6	17 26	0 35	23 34	0 1	23 29	0 35	17 50	1 13	26 17	3 6	21 52	22 2	21 59		n.a.
W21	17 41	21 18	2 27	12 52	0 21	13 23	0 41	15 3	2 7	17 24	0 35	23 34	0 1	23 29	0 35	17 50	1 13	26 18	3 6	21 52	22 2	21 58		n.a.
T 22	17 58	19 28	3 21	13 29	0 14	13 50	0 39	14 53	2 8	17 22	0 35	23 35	0 1	23 29	0 35	17 50	1 13	26 18	3 6	21 53	22 1	21 58		n.a.
F 23	18 14	16 48	4 7	14 6	0 7	14 17	0 36	14 44	2 9	17 20	0 35	23 35	0 1	23 28	0 35	17 50	1 13	26 18	3 6	21 53	22 1	21 57		n.a.
S 24	18 31	13 24	4 43	14 42	0 0	14 43	0 34	14 34	2 10	17 18	0 35	23 36	0 1	23 28	0 35	17 50	1 13	26 18	3 6	21 53	22 0	21 56		n.a.
S 25	18 47	9 24	5 7	15 18	0s 7	15 9	0 32	14 25	2 11	17 16	0 35	23 36	0 1	23 28	0 35	17 50	1 13	26 18	3 6	21 53	22 0	21 55		n.a.
M26	19 2	4 54	5 17	15 54	0 14	15 35	0 30	14 16	2 12	17 14	0 35	23 37	0 1	23 27	0 35	17 50	1 13	26 19	3 7	21 53	21 59	21 54		n.a.
T 27	19 17	0 5	5 12	16 28	0 20	16 0	0 27	14 6	2 13	17 12	0 34	23 37	0 1	23 27	0 35	17 50	1 13	26 19	3 7	21 53	21 59	21 54		n.a.
W28	19 32	4s54	4 50	17 3	0 27	16 25	0 25	13 57	2 14	17 10	0 34	23 37	0 1	23 27	0 35	17 50	1 13	26 19	3 7	21 53	21 58	21 53		n.a.
T 29	19 47	9 49	4 11	17 36	0 33	16 49	0 23	13 47	2 15	17 8	0 34	23 38	0 1	23 26	0 35	17 50	1 13	26 19	3 7	21 52	21 58	21 52		n.a.
F 30	20s 1	14s22	3s16	18s 9	0s39	17s13	0n20	13n38	2n16	17n 6	0s34	23s38	0n 0	23s26	0s35	17n50	1n13	26s20	3s 7	21s52	21s57	21n51		n.a.

Julian Day Number = 1286714.5, Delta T = 08h03m02s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'10, Lahiri = -20°23'10 Julian Calendar 1 Nov. 1191 BCE == Greg. Calendar 21 Oct. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1191 BCE
geocentric

DECEMBER 1191 BCE (-1190) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 14	28♏55'25	13♏37	19♏42	19♏27	0♍51	18°R26	23♐ 7	16♑ 5	14°R47	17♐26	7°R11	7♐38	0♋24	n.a.	S 1
S 2	3 58 11	29°56'43	28°28	21°16	20°43	1°19	18♉18	23°14	16° 7	14♌47	17°28	7♐10	7°34	0°31	n.a.	S 2
M 3	4 2 7	0♐58'00	13♐29	22°50	21°58	1°47	18°10	23°20	16°10	14°47	17°30	7°D10	7°31	0°37	n.a.	M 3
T 4	4 6 4	1°59'16	28°32	24°25	23°14	2°14	18° 2	23°27	16°13	14°46	17°32	7°10	7°28	0°44	n.a.	T 4
W 5	4 10 0	3° 0'32	13♑28	26° 0	24°29	2°42	17°55	23°34	16°15	14°46	17°34	7°11	7°25	0°51	n.a.	W 5
T 6	4 13 57	4° 1'47	28°10	27°36	25°45	3° 9	17°47	23°41	16°18	14°46	17°36	7°11	7°22	0°57	n.a.	T 6
F 7	4 17 53	5° 3'01	12♒33	29°12	27° 0	3°36	17°40	23°48	16°21	14°46	17°38	7°11	7°19	1° 4	n.a.	F 7
S 8	4 21 50	6° 4'14	26°33	0♐49	28°15	4° 3	17°32	23°55	16°24	14°45	17°39	7°11	7°15	1°11	n.a.	S 8
S 9	4 25 47	7° 5'26	10♓11	2°26	29°31	4°29	17°25	24° 2	16°26	14°45	17°41	7°11	7°12	1°17	n.a.	S 9
M10	4 29 43	8° 6'37	23°27	4° 4	0♐46	4°55	17°18	24° 9	16°29	14°44	17°43	7°12	7° 9	1°24	n.a.	M10
T 11	4 33 40	9° 7'47	6♈23	5°42	2° 2	5°22	17°11	24°16	16°32	14°44	17°45	7°12	7° 6	1°31	n.a.	T 11
W12	4 37 36	10° 8'56	19° 3	7°21	3°17	5°47	17° 4	24°23	16°35	14°44	17°47	7°12	7° 3	1°37	n.a.	W12
T 13	4 41 33	11°10'04	1♉28	9° 0	4°32	6°13	16°57	24°30	16°38	14°43	17°49	7°12	6°59	1°44	n.a.	T 13
F 14	4 45 29	12°11'11	13°42	10°40	5°47	6°38	16°50	24°37	16°41	14°42	17°51	7°13	6°56	1°51	n.a.	F 14
S 15	4 49 26	13°12'16	25°46	12°20	7° 3	7° 3	16°44	24°44	16°44	14°42	17°53	7°13	6°53	1°57	n.a.	S 15
S 16	4 53 22	14°13'21	7♊44	14° 1	8°18	7°28	16°37	24°52	16°47	14°41	17°55	7°R13	6°50	2° 4	n.a.	S 16
M17	4 57 19	15°14'25	19°36	15°43	9°33	7°53	16°31	24°59	16°50	14°41	17°57	7°13	6°47	2°10	n.a.	M17
T 18	5 1 16	16°15'28	1♋26	17°25	10°49	8°17	16°25	25° 6	16°53	14°40	17°59	7°12	6°44	2°17	n.a.	T 18
W19	5 5 12	17°16'29	13°14	19° 8	12° 4	8°41	16°19	25°13	16°56	14°39	18° 1	7°11	6°40	2°24	n.a.	W19
T 20	5 9 9	18°17'30	25° 4	20°51	13°19	9° 5	16°13	25°20	16°59	14°39	18° 3	7°10	6°37	2°30	n.a.	T 20
F 21	5 13 5	19°18'30	6♌58	22°35	14°34	9°29	16° 7	25°27	17° 2	14°38	18° 5	7° 8	6°34	2°37	n.a.	F 21
S 22	5 17 2	20°19'29	18°59	24°20	15°50	9°52	16° 1	25°35	17° 6	14°37	18° 6	7° 6	6°31	2°44	n.a.	S 22
S 23	5 20 58	21°20'26	1♍11	26° 5	17° 5	10°15	15°56	25°42	17° 9	14°36	18° 8	7° 4	6°28	2°50	n.a.	S 23
M24	5 24 55	22°21'23	13°38	27°50	18°20	10°37	15°51	25°49	17°12	14°35	18°10	7° 4	6°24	2°57	n.a.	M24
T 25	5 28 52	23°22'19	26°23	29°36	19°35	11° 0	15°46	25°56	17°15	14°35	18°12	7°D 3	6°21	3° 4	n.a.	T 25
W26	5 32 48	24°23'13	9♎31	1♑23	20°50	11°22	15°41	26° 3	17°18	14°34	18°14	7° 4	6°18	3°10	n.a.	W26
T 27	5 36 45	25°24'07	23° 3	3°10	22° 6	11°43	15°36	26°11	17°22	14°33	18°16	7° 5	6°15	3°17	n.a.	T 27
F 28	5 40 41	26°24'59	7♏ 3	4°57	23°21	12° 5	15°31	26°18	17°25	14°32	18°18	7° 6	6°12	3°24	n.a.	F 28
S 29	5 44 38	27°25'51	21°29	6°44	24°36	12°26	15°27	26°25	17°28	14°31	18°20	7° 8	6° 9	3°30	n.a.	S 29
S 30	5 48 34	28°26'41	6♐18	8°31	25°51	12°46	15°23	26°32	17°32	14°30	18°22	7°R 8	6° 5	3°37	n.a.	S 30
M31	5 52 31	29♐27'30	21♐24	10♑18	27♐ 6	13♍ 7	15♉19	26♐39	17♑35	14♌29	18♐24	7♐ 8	6♐ 2	3♋44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s15	18s12	2s 7	18s41	0s46	17s36	0n18	13n29	2n17	17n 4	0s34	23s39	0n 0	23s26	0s35	17n50	1n13	26s20	3s 7	21s52	21s57	21n50		n.a.
S 2	20 28	20 56	0 48	19 12	0 52	17 59	0 15	13 20	2 18	17 1	0 34	23 39	0 0	23 25	0 35	17 50	1 13	26 20	3 7	21 52	21 56	21 49		n.a.
M 3	20 41	22 13	0n35	19 43	0 57	18 21	0 13	13 10	2 19	16 59	0 33	23 40	0 0	23 25	0 35	17 50	1 13	26 20	3 7	21 52	21 56	21 49		n.a.
T 4	20 54	21 53	1 56	20 12	1 3	18 43	0 11	13 1	2 20	16 57	0 33	23 40	0 0	23 25	0 35	17 50	1 13	26 20	3 7	21 52	21 55	21 48		n.a.
W 5	21 6	20 1	3 9	20 41	1 9	19 4	0 8	12 52	2 21	16 55	0 33	23 40	0 0	23 24	0 35	17 51	1 14	26 21	3 7	21 52	21 54	21 47		n.a.
T 6	21 18	16 50	4 7	21 9	1 14	19 25	0 6	12 43	2 22	16 54	0 33	23 41	0 0	23 24	0 35	17 51	1 14	26 21	3 7	21 52	21 54	21 46		n.a.
F 7	21 30	12 42	4 49	21 36	1 19	19 45	0 3	12 34	2 23	16 52	0 33	23 41	0s 0	23 24	0 35	17 51	1 14	26 21	3 7	21 52	21 53	21 45		n.a.
S 8	21 41	7 59	5 13	22 1	1 24	20 5	0 1	12 25	2 24	16 50	0 32	23 42	0 0	23 23	0 35	17 51	1 14	26 21	3 7	21 52	21 53	21 44		n.a.
S 9	21 51	2 59	5 18	22 26	1 28	20 24	0s 1	12 16	2 25	16 48	0 32	23 42	0 0	23 23	0 35	17 51	1 14	26 22	3 7	21 52	21 52	21 43		n.a.
M10	22 1	2n 1	5 5	22 50	1 33	20 43	0 4	12 7	2 26	16 46	0 32	23 42	0 0	23 23	0 35	17 51	1 14	26 22	3 7	21 52	21 52	21 43		n.a.
T 11	22 11	6 49	4 38	23 12	1 37	21 1	0 6	11 59	2 27	16 44	0 32	23 43	0 0	23 22	0 35	17 51	1 14	26 22	3 7	21 52	21 51	21 42		n.a.
W12	22 20	11 13	3 57	23 33	1 41	21 18	0 9	11 50	2 28	16 42	0 32	23 43	0 0	23 22	0 35	17 52	1 14	26 22	3 7	21 52	21 51	21 41		n.a.
T 13	22 29	15 5	3 6	23 53	1 44	21 35	0 11	11 41	2 29	16 40	0 31	23 44	0 1	23 22	0 35	17 52	1 14	26 23	3 8	21 52	21 50	21 40		n.a.
F 14	22 38	18 14	2 7	24 11	1 47	21 51	0 13	11 33	2 30	16 39	0 31	23 44	0 1	23 21	0 35	17 52	1 14	26 23	3 8	21 52	21 50	21 39		n.a.
S 15	22 46	20 32	1 3	24 28	1 50	22 6	0 16	11 24	2 32	16 37	0 31	23 44	0 1	23 21	0 35	17 52	1 14	26 23	3 8	21 53	21 49	21 38		n.a.
S 16	22 53	21 55	0s 3	24 44	1 53	22 21	0 18	11 16	2 33	16 35	0 31	23 45	0 1	23 20	0 35	17 52	1 14	26 23	3 8	21 53	21 49	21 37		n.a.
M17	23 0	22 17	1 8	24 58	1 55	22 35	0 20	11 7	2 34	16 34	0 31	23 45	0 1	23 20	0 35	17 53	1 14	26 24	3 8	21 52	21 48	21 36		n.a.
T 18	23 7	21 39	2 10	25 10	1 57	22 48	0 22	10 59	2 35	16 32	0 30	23 45	0 1	23 20	0 35	17 53	1 14	26 24	3 8	21 52	21 47	21 35		n.a.
W19	23 13	20 4	3 7	25 21	1 59	23 1	0 25	10 51	2 36	16 31	0 30	23 46	0 1	23 19	0 35	17 53	1 14	26 24	3 8	21 52	21 47	21 35		n.a.
T 20	23 19	17 37	3 56	25 30	2 0	23 13	0 27	10 43	2 37	16 29	0 30	23 46	0 1	23 19	0 35	17 53	1 14	26 24	3 8	21 52	21 46	21 34		n.a.
F 21	23 24	14 25	4 34	25 38	2 1	23 25	0 29	10 35	2 38	16 28	0 30	23 46	0 1	23 18	0 35	17 54	1 14	26 25	3 8	21 52	21 46	21 33		n.a.
S 22	23 29	10 37	5 1	25 43	2 1	23 35	0 31	10 27	2 39	16 26	0 30	23 47	0 1	23 18	0 35	17 54	1 14	26 25	3 8	21 51	21 45	21 32		n.a.
S 23	23 33	6 20	5 15	25 47	2 1	23 45	0 34	10 19	2 41	16 25	0 29	23 47	0 1	23 17	0 35	17 54	1 14	26 25	3 8	21 51	21 45	21 31		n.a.
M24	23 37	1 42	5 15	25 49	2 0	23 54	0 36	10 11	2 42	16 23	0 29	23 47	0 1	23 17	0 35	17 55	1 14	26 26	3 8	21 51	21 44	21 30		n.a.
T 25	23 40	3s 6	4 59	25 49	1 59	24 3	0 38	10 4	2 43	16 22	0 29	23 48	0 1	23 17	0 35	17 55	1 15	26 26	3 9	21 51	21 44	21 29		n.a.
W26	23 43	7 55	4 27	25 47	1 57	24 11	0 40	9 56	2 44	16 21	0 29	23 48	0 2	23 16	0 35	17 55	1 15	26 26	3 9	21 51	21 43	21 28		n.a.
T 27	23 45	12 30	3 40	25 42	1 55	24 18	0 42	9 49	2 45	16 20	0 29	23 48	0 2	23 16	0 35	17 56	1 15	26 26	3 9	21 51	21 42	21 27		n.a.
F 28	23 47	16 35	2 39	25 36	1 52	24 24	0 44	9 42	2 46	16 18	0 28	23 49	0 2	23 15	0 35	17 56	1 15	26 27	3 9	21 51	21 42	21 26		n.a.
S 29	23 49	19 48	1 26	25 27	1 48	24 29	0 46	9 35	2 48	16 17	0 28	23 49	0 2	23 15	0 35	17 56	1 15	26 27	3 9	21 52	21 41	21 25		n.a.
S 30	23 50	21 48	0 5	25 17	1 44	24 34	0 48	9 28	2 49	16 16	0 28	23 49	0 2	23 14	0 35	17 57	1 15	26 27	3 9	21 52	21 41	21 24		n.a.
M31	23s50	22s15	1n18	25s 4	1s39	24s38	0s50	9n21	2n50	16n15	0s28	23s49	0s 2	23s14	0s35	17n57	1n15	26s27	3s 9	21s52	21s40	21n23		n.a.

Julian Day Number = 1286744.5, Delta T = 08h03m01s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'06, Lahiri = -20°23'06 Julian Calendar 1 Dec. 1191 BCE == Greg. Calendar 20 Nov. 1191 BCE

The year -1190 astronomical counting style corresponds to year 1191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

JANUARY 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 27	0♉28'18	6♉39	12♉ 5	28♐21	13♍26	15°R15	26♐47	17♉38	14°R28	18♐26	7°R 6	5♐59	3♋50	n.a.	T 1
W 2	6 0 24	1°29'04	21°53	13°51	29°36	13°46	15♉11	26°54	17°42	14♌27	18°28	7♐ 3	5°56	3°57	n.a.	W 2
T 3	6 4 21	2°29'48	6♒54	15°36	0♉52	14° 5	15° 7	27° 1	17°45	14°26	18°29	7° 0	5°53	4° 4	n.a.	T 3
F 4	6 8 17	3°30'30	21°36	17°19	2° 7	14°24	15° 4	27° 8	17°48	14°24	18°31	6°56	5°50	4°10	n.a.	F 4
S 5	6 12 14	4°31'11	5♓52	19° 1	3°22	14°42	15° 1	27°15	17°52	14°23	18°33	6°53	5°46	4°17	n.a.	S 5
S 6	6 16 10	5°31'49	19°40	20°41	4°37	15° 0	14°58	27°23	17°55	14°22	18°35	6°50	5°43	4°24	n.a.	S 6
M 7	6 20 7	6°32'26	3♈ 0	22°19	5°52	15°17	14°55	27°30	17°58	14°21	18°37	6°D49	5°40	4°30	n.a.	M 7
T 8	6 24 3	7°33'01	15°55	23°54	7° 7	15°34	14°53	27°37	18° 2	14°20	18°39	6°49	5°37	4°37	n.a.	T 8
W 9	6 28 0	8°33'33	28°29	25°24	8°22	15°51	14°50	27°44	18° 5	14°18	18°41	6°51	5°34	4°44	n.a.	W 9
T 10	6 31 56	9°34'04	10♉46	26°51	9°37	16° 7	14°48	27°51	18° 9	14°17	18°43	6°52	5°30	4°50	n.a.	T 10
F 11	6 35 53	10°34'33	22°49	28°13	10°52	16°23	14°46	27°58	18°12	14°16	18°44	6°54	5°27	4°57	n.a.	F 11
S 12	6 39 50	11°34'59	4♊44	29°29	12° 7	16°38	14°45	28° 5	18°15	14°14	18°46	6°R55	5°24	5° 4	n.a.	S 12
S 13	6 43 46	12°35'24	16°34	0♒39	13°22	16°53	14°43	28°12	18°19	14°13	18°48	6°54	5°21	5°10	n.a.	S 13
M14	6 47 43	13°35'47	28°23	1°42	14°36	17° 7	14°42	28°20	18°22	14°12	18°50	6°52	5°18	5°17	n.a.	M14
T 15	6 51 39	14°36'08	10♋11	2°38	15°51	17°21	14°41	28°27	18°26	14°10	18°52	6°48	5°15	5°24	n.a.	T 15
W16	6 55 36	15°36'27	22° 2	3°26	17° 6	17°34	14°40	28°34	18°29	14° 9	18°53	6°42	5°11	5°30	n.a.	W16
T 17	6 59 32	16°36'44	3♌58	4° 4	18°21	17°47	14°39	28°41	18°33	14° 8	18°55	6°35	5° 8	5°37	n.a.	T 17
F 18	7 3 29	17°37'00	16° 0	4°34	19°36	17°59	14°38	28°48	18°36	14° 6	18°57	6°27	5° 5	5°44	n.a.	F 18
S 19	7 7 25	18°37'13	28° 9	4°54	20°51	18°11	14°38	28°55	18°40	14° 5	18°59	6°19	5° 2	5°50	n.a.	S 19
S 20	7 11 22	19°37'25	10♍27	5° 5	22° 6	18°22	14°D38	29° 1	18°43	14° 3	19° 0	6°12	4°59	5°57	n.a.	S 20
M21	7 15 19	20°37'35	22°58	5°R 6	23°20	18°33	14°38	29° 8	18°46	14° 2	19° 2	6° 7	4°56	6° 4	n.a.	M21
T 22	7 19 15	21°37'43	5♎43	4°57	24°35	18°43	14°38	29°15	18°50	14° 0	19° 4	6° 3	4°52	6°10	n.a.	T 22
W23	7 23 12	22°37'49	18°46	4°39	25°50	18°52	14°38	29°22	18°53	13°59	19° 5	6°D 2	4°49	6°17	n.a.	W23
T 24	7 27 8	23°37'54	2♏ 9	4°13	27° 5	19° 1	14°39	29°29	18°57	13°57	19° 7	6° 2	4°46	6°24	n.a.	T 24
F 25	7 31 5	24°37'57	15°56	3°38	28°20	19° 9	14°40	29°36	19° 0	13°56	19° 9	6° 3	4°43	6°30	n.a.	F 25
S 26	7 35 1	25°37'58	0♐ 6	2°56	29°34	19°17	14°41	29°42	19° 4	13°54	19°10	6°R 4	4°40	6°37	n.a.	S 26
S 27	7 38 58	26°37'58	14°40	2° 8	0♒49	19°24	14°42	29°49	19° 7	13°53	19°12	6° 4	4°36	6°44	n.a.	S 27
M28	7 42 54	27°37'56	29°34	1°14	2° 4	19°30	14°43	29°56	19°10	13°51	19°14	6° 2	4°33	6°50	n.a.	M28
T 29	7 46 51	28°37'52	14♉41	0°18	3°18	19°36	14°45	0♉ 3	19°14	13°50	19°15	5°57	4°30	6°57	n.a.	T 29
W30	7 50 48	29°37'45	29°53	29♉19	4°33	19°40	14°47	0° 9	19°17	13°48	19°17	5°51	4°27	7° 4	n.a.	W30
T 31	7 54 44	0♒37'37	14♒59	28♉19	5♒48	19♍45	14♉49	0♉16	19♉21	13♌46	19♐18	5♐42	4♐24	7♋10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s50	21s 4	2n36	24s49	1s33	24s41	0s52	9n14	2n51	16n14	0s27	23s50	0s 2	23s14	0s35	17n57	1n15	26s28	3s 9	21s51	21s40	21n22			n.a.
W 2	23 50	18 22	3 42	24 32	1 27	24 44	0 54	9 8	2 52	16 13	0 27	23 50	0 2	23 13	0 35	17 58	1 15	26 28	3 9	21 51	21 39	21 21			n.a.
T 3	23 49	14 28	4 32	24 13	1 19	24 45	0 55	9 2	2 54	16 13	0 27	23 50	0 2	23 13	0 35	17 58	1 15	26 28	3 9	21 50	21 39	21 20			n.a.
F 4	23 47	9 45	5 3	23 52	1 12	24 46	0 57	8 55	2 55	16 12	0 27	23 50	0 2	23 12	0 35	17 58	1 15	26 29	3 9	21 50	21 38	21 19			n.a.
S 5	23 45	4 39	5 14	23 30	1 3	24 46	0 59	8 49	2 56	16 11	0 27	23 51	0 2	23 12	0 35	17 59	1 15	26 29	3 10	21 49	21 37	21 18			n.a.
S 6	23 43	0n32	5 6	23 5	0 53	24 46	1 1	8 43	2 57	16 10	0 26	23 51	0 2	23 11	0 35	17 59	1 15	26 29	3 10	21 49	21 37	21 17			n.a.
M 7	23 40	5 31	4 42	22 39	0 43	24 44	1 2	8 38	2 59	16 10	0 26	23 51	0 2	23 11	0 35	18 0	1 15	26 29	3 10	21 48	21 36	21 16			n.a.
T 8	23 37	10 6	4 4	22 12	0 32	24 42	1 4	8 32	3 0	16 9	0 26	23 51	0 3	23 10	0 35	18 0	1 15	26 30	3 10	21 48	21 36	21 15			n.a.
W 9	23 33	14 9	3 15	21 44	0 19	24 39	1 5	8 27	3 1	16 9	0 26	23 52	0 3	23 10	0 35	18 0	1 15	26 30	3 10	21 49	21 35	21 14			n.a.
T 10	23 29	17 29	2 18	21 15	0 7	24 35	1 7	8 21	3 2	16 8	0 26	23 52	0 3	23 9	0 35	18 1	1 15	26 30	3 10	21 49	21 35	21 13			n.a.
F 11	23 24	20 1	1 16	20 45	0n 7	24 31	1 8	8 16	3 4	16 8	0 25	23 52	0 3	23 9	0 35	18 1	1 15	26 30	3 10	21 49	21 34	21 12			n.a.
S 12	23 19	21 38	0 12	20 15	0 21	24 26	1 10	8 11	3 5	16 8	0 25	23 52	0 3	23 9	0 35	18 2	1 15	26 31	3 10	21 49	21 33	21 11			n.a.
S 13	23 14	22 16	0s53	19 45	0 36	24 20	1 11	8 7	3 6	16 7	0 25	23 52	0 3	23 8	0 35	18 2	1 15	26 31	3 10	21 49	21 33	21 10			n.a.
M14	23 8	21 55	1 54	19 16	0 51	24 13	1 12	8 2	3 7	16 7	0 25	23 52	0 3	23 8	0 35	18 2	1 15	26 31	3 11	21 49	21 32	21 9			n.a.
T 15	23 1	20 35	2 51	18 48	1 7	24 6	1 14	7 58	3 9	16 7	0 24	23 53	0 3	23 7	0 35	18 3	1 15	26 32	3 11	21 48	21 32	21 8			n.a.
W16	22 54	18 22	3 41	18 22	1 23	23 57	1 15	7 54	3 10	16 7	0 24	23 53	0 3	23 7	0 35	18 3	1 15	26 32	3 11	21 47	21 31	21 7			n.a.
T 17	22 47	15 21	4 21	17 57	1 39	23 48	1 16	7 50	3 11	16 7	0 24	23 53	0 3	23 6	0 35	18 4	1 15	26 32	3 11	21 46	21 31	21 6			n.a.
F 18	22 39	11 42	4 50	17 34	1 56	23 39	1 17	7 46	3 12	16 7	0 24	23 53	0 3	23 6	0 35	18 4	1 15	26 32	3 11	21 45	21 30	21 5			n.a.
S 19	22 31	7 32	5 6	17 14	2 12	23 28	1 18	7 42	3 14	16 7	0 24	23 53	0 3	23 5	0 35	18 5	1 15	26 33	3 11	21 43	21 29	21 4			n.a.
S 20	22 22	3 1	5 8	16 56	2 27	23 17	1 19	7 39	3 15	16 7	0 23	23 53	0 3	23 5	0 35	18 5	1 15	26 33	3 11	21 42	21 29	21 3			n.a.
M21	22 13	1s41	4 56	16 41	2 42	23 5	1 20	7 36	3 16	16 7	0 23	23 53	0 4	23 4	0 35	18 6	1 16	26 33	3 11	21 41	21 28	21 2			n.a.
T 22	22 4	6 25	4 29	16 30	2 56	22 53	1 21	7 33	3 17	16 8	0 23	23 54	0 4	23 4	0 35	18 6	1 16	26 33	3 12	21 40	21 28	21 1			n.a.
W23	21 54	10 58	3 48	16 21	3 9	22 40	1 21	7 31	3 19	16 8	0 23	23 54	0 4	23 3	0 35	18 7	1 16	26 34	3 12	21 40	21 27	21 0			n.a.
T 24	21 44	15 7	2 53	16 16	3 21	22 26	1 22	7 28	3 20	16 8	0 23	23 54	0 4	23 3	0 35	18 7	1 16	26 34	3 12	21 40	21 26	20 59			n.a.
F 25	21 33	18 35	1 47	16 14	3 31	22 11	1 23	7 26	3 21	16 9	0 22	23 54	0 4	23 2	0 35	18 7	1 16	26 34	3 12	21 40	21 26	20 58			n.a.
S 26	21 22	21 2	0 32	16 16	3 40	21 56	1 23	7 24	3 22	16 9	0 22	23 54	0 4	23 2	0 35	18 8	1 16	26 35	3 12	21 41	21 25	20 56			n.a.
S 27	21 11	22 10	0n46	16 20	3 46	21 40	1 24	7 23	3 24	16 10	0 22	23 54	0 4	23 1	0 35	18 8	1 16	26 35	3 12	21 41	21 25	20 55			n.a.
M28	20 59	21 47	2 3	16 27	3 51	21 24	1 24	7 21	3 25	16 10	0 22	23 54	0 4	23 1	0 35	18 9	1 16	26 35	3 12	21 40	21 24	20 54			n.a.
T 29	20 46	19 49	3 12	16 37	3 54	21 7	1 25	7 20	3 26	16 11	0 22	23 54	0 4	23 0	0 35	18 9	1 16	26 35	3 13	21 39	21 24	20 53			n.a.
W30	20 34	16 28	4 8	16 49	3 54	20 49	1 25	7 19	3 27	16 12	0 21	23 54	0 4	23 0	0 35	18 10	1 16	26 36	3 13	21 38	21 23	20 52			n.a.
T 31	20s21	12s 3	4n46	17s 3	3n52	20s31	1s25	7n18	3n28	16n13	0s21	23s54	0s 4	22s59	0s35	18n10	1n16	26s36	3s13	21s37	21s22	20n51			n.a.

Julian Day Number = 1286775.5, Delta T = 08h02m59s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°30'02, Lahiri = -20°23'02 Julian Calendar 1 Jan. 1190 BCE == Greg. Calendar 21 Dec. 1191 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

FEBRUARY 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 58 41	1♒37'26	29♒49	27°R20	7♒ 2	19♍48	14♉51	0♏22	19♏24	13°R45	19♐20	5°R33	4♐21	7♋17	n.a.	F 1
S 2	8 2 37	2°37'13	14♓16	26♏22	8°17	19°51	14°53	0°29	19°27	13♌43	19°21	5♐25	4°17	7°24	n.a.	S 2
S 3	8 6 34	3°36'58	28°14	25°27	9°32	19°53	14°56	0°35	19°31	13°41	19°23	5°18	4°14	7°30	n.a.	S 3
M 4	8 10 30	4°36'40	11♈43	24°36	10°46	19°55	14°59	0°42	19°34	13°40	19°24	5°13	4°11	7°37	n.a.	M 4
T 5	8 14 27	5°36'20	24°43	23°50	12° 1	19°56	15° 2	0°48	19°38	13°38	19°26	5°11	4° 8	7°44	n.a.	T 5
W 6	8 18 23	6°35'58	7♉19	23° 9	13°15	19°R56	15° 5	0°54	19°41	13°37	19°27	5°D10	4° 5	7°50	n.a.	W 6
T 7	8 22 20	7°35'33	19°35	22°34	14°30	19°55	15° 8	1° 1	19°44	13°35	19°29	5°11	4° 2	7°57	n.a.	T 7
F 8	8 26 17	8°35'05	1♊36	22° 5	15°44	19°53	15°11	1° 7	19°48	13°33	19°30	5°R11	3°58	8° 4	n.a.	F 8
S 9	8 30 13	9°34'36	13°28	21°42	16°59	19°51	15°15	1°13	19°51	13°32	19°31	5°11	3°55	8°10	n.a.	S 9
S 10	8 34 10	10°34'03	25°16	21°25	18°13	19°48	15°19	1°19	19°54	13°30	19°33	5° 9	3°52	8°17	n.a.	S 10
M11	8 38 6	11°33'29	7♋ 3	21°14	19°28	19°44	15°23	1°25	19°57	13°28	19°34	5° 4	3°49	8°24	n.a.	M11
T 12	8 42 3	12°32'52	18°54	21°D10	20°42	19°40	15°27	1°31	20° 1	13°27	19°35	4°57	3°46	8°30	n.a.	T 12
W13	8 45 59	13°32'13	0♌50	21°11	21°56	19°35	15°31	1°37	20° 4	13°25	19°37	4°47	3°42	8°37	n.a.	W13
T 14	8 49 56	14°31'32	12°54	21°18	23°11	19°29	15°36	1°43	20° 7	13°23	19°38	4°35	3°39	8°44	n.a.	T 14
F 15	8 53 52	15°30'48	25° 7	21°30	24°25	19°22	15°41	1°49	20°10	13°22	19°39	4°22	3°36	8°50	n.a.	F 15
S 16	8 57 49	16°30'02	7♍29	21°48	25°39	19°14	15°45	1°55	20°13	13°20	19°40	4° 9	3°33	8°57	n.a.	S 16
S 17	9 1 45	17°29'14	20° 2	22°11	26°54	19° 6	15°51	2° 1	20°17	13°18	19°42	3°58	3°30	9° 4	n.a.	S 17
M18	9 5 42	18°28'24	2♎45	22°38	28° 8	18°57	15°56	2° 7	20°20	13°17	19°43	3°48	3°27	9°10	n.a.	M18
T 19	9 9 39	19°27'32	15°40	23°10	29°22	18°47	16° 1	2°12	20°23	13°15	19°44	3°41	3°23	9°17	n.a.	T 19
W20	9 13 35	20°26'38	28°49	23°46	0♓37	18°36	16° 7	2°18	20°26	13°13	19°45	3°37	3°20	9°24	n.a.	W20
T 21	9 17 32	21°25'42	12♏12	24°26	1°51	18°25	16°12	2°24	20°29	13°12	19°46	3°36	3°17	9°31	n.a.	T 21
F 22	9 21 28	22°24'45	25°52	25° 9	3° 5	18°13	16°18	2°29	20°32	13°10	19°47	3°36	3°14	9°37	n.a.	F 22
S 23	9 25 25	23°23'45	9♐51	25°57	4°19	18° 0	16°24	2°35	20°35	13° 9	19°48	3°36	3°11	9°44	n.a.	S 23
S 24	9 29 21	24°22'44	24° 8	26°47	5°33	17°47	16°30	2°40	20°38	13° 7	19°49	3°34	3° 8	9°51	n.a.	S 24
M25	9 33 18	25°21'41	8♑42	27°41	6°47	17°32	16°36	2°45	20°41	13° 5	19°50	3°31	3° 4	9°57	n.a.	M25
T 26	9 37 14	26°20'36	23°29	28°38	8° 2	17°17	16°43	2°51	20°44	13° 4	19°51	3°25	3° 1	10° 4	n.a.	T 26
W27	9 41 11	27°19'29	8♒22	29°38	9°16	17° 2	16°50	2°56	20°47	13° 2	19°52	3°16	2°58	10°11	n.a.	W27
T 28	9 45 7	28♒18'19	23♒14	0♒40	10♓30	16♍45	16♉56	3♑ 1	20♑50	13♌ 1	19♐53	3♐ 5	2♐55	10♋17	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 8	6s59	5n 4	17s18	3n49	20s12	1s26	7n18	3n29	16n14	0s21	23s54	0s 4	22s59	0s35	18n11	1n16	26s36	3s13	21s35	21s22	20n50		n.a.
S 2	19 54	1 39	5 2	17 34	3 43	19 52	1 26	7 18	3 31	16 14	0 21	23 55	0 4	22 58	0 35	18 11	1 16	26 36	3 13	21 34	21 21	20 49		n.a.
S 3	19 40	3n35	4 42	17 52	3 36	19 32	1 26	7 18	3 32	16 15	0 21	23 55	0 5	22 58	0 35	18 12	1 16	26 37	3 13	21 32	21 21	20 48		n.a.
M 4	19 26	8 28	4 6	18 9	3 27	19 12	1 26	7 18	3 33	16 16	0 20	23 55	0 5	22 57	0 35	18 12	1 16	26 37	3 13	21 31	21 20	20 47		n.a.
T 5	19 11	12 48	3 19	18 27	3 17	18 51	1 26	7 19	3 34	16 17	0 20	23 55	0 5	22 57	0 35	18 13	1 16	26 37	3 14	21 31	21 19	20 45		n.a.
W 6	18 56	16 26	2 23	18 45	3 6	18 29	1 26	7 20	3 35	16 19	0 20	23 55	0 5	22 57	0 35	18 13	1 16	26 38	3 14	21 31	21 19	20 44		n.a.
T 7	18 40	19 14	1 23	19 3	2 54	18 7	1 25	7 21	3 36	16 20	0 20	23 55	0 5	22 56	0 35	18 14	1 16	26 38	3 14	21 31	21 18	20 43		n.a.
F 8	18 25	21 8	0 19	19 20	2 41	17 44	1 25	7 23	3 37	16 21	0 20	23 55	0 5	22 56	0 35	18 14	1 16	26 38	3 14	21 31	21 18	20 42		n.a.
S 9	18 9	22 4	0s44	19 37	2 28	17 21	1 25	7 24	3 38	16 22	0 19	23 55	0 5	22 55	0 35	18 15	1 16	26 38	3 14	21 31	21 17	20 41		n.a.
S 10	17 53	22 0	1 45	19 54	2 14	16 57	1 25	7 27	3 39	16 24	0 19	23 55	0 5	22 55	0 35	18 15	1 16	26 39	3 14	21 31	21 16	20 40		n.a.
M11	17 36	20 58	2 41	20 9	2 0	16 33	1 24	7 29	3 39	16 25	0 19	23 55	0 5	22 54	0 35	18 16	1 16	26 39	3 14	21 30	21 16	20 39		n.a.
T 12	17 19	19 0	3 31	20 24	1 46	16 9	1 24	7 31	3 40	16 26	0 19	23 55	0 5	22 54	0 35	18 16	1 16	26 39	3 15	21 28	21 15	20 37		n.a.
W13	17 2	16 13	4 11	20 37	1 32	15 44	1 23	7 34	3 41	16 28	0 19	23 55	0 5	22 53	0 35	18 17	1 16	26 39	3 15	21 27	21 14	20 36		n.a.
T 14	16 45	12 44	4 41	20 50	1 18	15 19	1 23	7 37	3 42	16 29	0 18	23 55	0 5	22 53	0 35	18 17	1 16	26 40	3 15	21 24	21 14	20 35		n.a.
F 15	16 27	8 42	4 58	21 2	1 4	14 53	1 22	7 41	3 42	16 31	0 18	23 55	0 6	22 52	0 35	18 18	1 16	26 40	3 15	21 22	21 13	20 34		n.a.
S 16	16 9	4 15	5 1	21 12	0 51	14 27	1 21	7 44	3 43	16 32	0 18	23 55	0 6	22 52	0 35	18 18	1 16	26 40	3 15	21 20	21 13	20 33		n.a.
S 17	15 51	0s25	4 50	21 22	0 37	14 0	1 20	7 48	3 44	16 34	0 18	23 55	0 6	22 51	0 35	18 19	1 16	26 40	3 15	21 17	21 12	20 32		n.a.
M18	15 32	5 8	4 24	21 30	0 24	13 34	1 20	7 52	3 44	16 36	0 18	23 55	0 6	22 51	0 35	18 19	1 16	26 41	3 16	21 16	21 11	20 31		n.a.
T 19	15 14	9 43	3 45	21 37	0 12	13 6	1 19	7 57	3 45	16 38	0 18	23 55	0 6	22 50	0 35	18 20	1 16	26 41	3 16	21 14	21 11	20 29		n.a.
W20	14 55	13 55	2 53	21 43	0s 0	12 39	1 18	8 1	3 45	16 39	0 17	23 55	0 6	22 50	0 35	18 20	1 16	26 41	3 16	21 14	21 10	20 28		n.a.
T 21	14 36	17 30	1 51	21 47	0 12	12 11	1 17	8 6	3 45	16 41	0 17	23 55	0 6	22 49	0 35	18 21	1 16	26 41	3 16	21 13	21 10	20 27		n.a.
F 22	14 16	20 12	0 41	21 50	0 23	11 43	1 15	8 11	3 46	16 43	0 17	23 55	0 6	22 49	0 35	18 21	1 16	26 42	3 16	21 13	21 9	20 26		n.a.
S 23	13 57	21 45	0n33	21 52	0 34	11 14	1 14	8 16	3 46	16 45	0 17	23 55	0 6	22 49	0 35	18 22	1 16	26 42	3 16	21 13	21 8	20 25		n.a.
S 24	13 37	21 56	1 46	21 52	0 44	10 45	1 13	8 22	3 46	16 47	0 17	23 55	0 6	22 48	0 35	18 22	1 16	26 42	3 17	21 13	21 8	20 23		n.a.
M25	13 17	20 39	2 54	21 51	0 54	10 16	1 12	8 28	3 46	16 49	0 16	23 55	0 6	22 48	0 35	18 23	1 16	26 42	3 17	21 12	21 7	20 22		n.a.
T 26	12 56	17 57	3 51	21 49	1 4	9 47	1 10	8 34	3 46	16 51	0 16	23 55	0 7	22 47	0 35	18 23	1 16	26 43	3 17	21 11	21 6	20 21		n.a.
W27	12 36	14 5	4 33	21 45	1 12	9 17	1 9	8 40	3 46	16 53	0 16	23 55	0 7	22 47	0 35	18 24	1 16	26 43	3 17	21 9	21 6	20 20		n.a.
T 28	12s15	9s20	4n56	21s39	1s21	8s48	1s 8	8n46	3n46	16n55	0s16	23s55	0s 7	22s46	0s35	18n24	1n16	26s43	3s17	21s 7	21s 5	20n19		n.a.

Julian Day Number = 1286806.5, Delta T = 08h02m57s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'58, Lahiri = -20°22'58 Julian Calendar 1 Feb. 1190 BCE == Greg. Calendar 21 Jan. 1190 BCE

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

MARCH 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 49 4	29♒17'08	7♓56	1♒45	11♓44	16°R28	17♉ 3	3♊ 6	20♊53	12°R59	19♐54	2°R54	2♐52	10♋24	n.a.	F 1
S 2	9 53 1	0♓15'54	22°18	2°52	12°58	16♍11	17°10	3°11	20°56	12♏57	19°55	2♐42	2°48	10°31	n.a.	S 2
S 3	9 56 57	1°14'39	6♈17	4° 2	14°12	15°53	17°17	3°16	20°59	12°56	19°56	2°33	2°45	10°37	n.a.	S 3
M 4	10 0 54	2°13'21	19°48	5°14	15°26	15°34	17°25	3°21	21° 1	12°54	19°57	2°25	2°42	10°44	n.a.	M 4
T 5	10 4 50	3°12'00	2♉52	6°28	16°40	15°15	17°32	3°25	21° 4	12°53	19°57	2°21	2°39	10°51	n.a.	T 5
W 6	10 8 47	4°10'38	15°32	7°45	17°54	14°55	17°40	3°30	21° 7	12°51	19°58	2°19	2°36	10°57	n.a.	W 6
T 7	10 12 43	5° 9'13	27°50	9° 3	19° 8	14°35	17°47	3°35	21°10	12°50	19°59	2°18	2°33	11° 4	n.a.	T 7
F 8	10 16 40	6° 7'45	9♊54	10°24	20°22	14°15	17°55	3°39	21°12	12°48	20° 0	2°18	2°29	11°11	n.a.	F 8
S 9	10 20 36	7° 6'16	21°47	11°46	21°35	13°54	18° 3	3°44	21°15	12°47	20° 0	2°17	2°26	11°17	n.a.	S 9
S 10	10 24 33	8° 4'44	3♋36	13°10	22°49	13°33	18°11	3°48	21°17	12°45	20° 1	2°15	2°23	11°24	n.a.	S 10
M11	10 28 29	9° 3'10	15°25	14°37	24° 3	13°11	18°20	3°53	21°20	12°44	20° 2	2°11	2°20	11°31	n.a.	M11
T 12	10 32 26	10° 1'33	27°19	16° 4	25°17	12°50	18°28	3°57	21°23	12°42	20° 2	2° 3	2°17	11°37	n.a.	T 12
W13	10 36 23	10°59'55	9♌21	17°34	26°31	12°28	18°36	4° 1	21°25	12°41	20° 3	1°54	2°13	11°44	n.a.	W13
T 14	10 40 19	11°58'14	21°34	19° 6	27°44	12° 6	18°45	4° 5	21°28	12°40	20° 3	1°42	2°10	11°51	n.a.	T 14
F 15	10 44 16	12°56'31	3♍59	20°39	28°58	11°44	18°54	4° 9	21°30	12°38	20° 4	1°29	2° 7	11°57	n.a.	F 15
S 16	10 48 12	13°54'46	16°37	22°14	0♈12	11°21	19° 3	4°13	21°32	12°37	20° 4	1°16	2° 4	12° 4	n.a.	S 16
S 17	10 52 9	14°53'00	29°28	23°51	1°25	10°59	19°12	4°17	21°35	12°35	20° 5	1° 4	2° 1	12°11	n.a.	S 17
M18	10 56 5	15°51'11	12♎31	25°30	2°39	10°37	19°21	4°21	21°37	12°34	20° 5	0°54	1°58	12°17	n.a.	M18
T 19	11 0 2	16°49'21	25°45	27°10	3°52	10°15	19°30	4°25	21°39	12°33	20° 6	0°48	1°54	12°24	n.a.	T 19
W20	11 3 58	17°47'29	9♏10	28°52	5° 6	9°53	19°39	4°28	21°42	12°32	20° 6	0°43	1°51	12°31	n.a.	W20
T 21	11 7 55	18°45'35	22°45	0♓36	6°19	9°31	19°48	4°32	21°44	12°30	20° 7	0°42	1°48	12°37	n.a.	T 21
F 22	11 11 52	19°43'40	6♐32	2°22	7°33	9° 9	19°58	4°35	21°46	12°29	20° 7	0°D42	1°45	12°44	n.a.	F 22
S 23	11 15 48	20°41'43	20°29	4° 9	8°46	8°48	20° 8	4°39	21°48	12°28	20° 7	0°R42	1°42	12°51	n.a.	S 23
S 24	11 19 45	21°39'45	4♑37	5°58	10° 0	8°27	20°17	4°42	21°50	12°27	20° 7	0°41	1°39	12°57	n.a.	S 24
M25	11 23 41	22°37'46	18°54	7°49	11°13	8° 6	20°27	4°45	21°53	12°25	20° 8	0°39	1°35	13° 4	n.a.	M25
T 26	11 27 38	23°35'45	3♒20	9°42	12°27	7°45	20°37	4°48	21°55	12°24	20° 8	0°34	1°32	13°11	n.a.	T 26
W27	11 31 34	24°33'42	17°48	11°37	13°40	7°25	20°47	4°51	21°57	12°23	20° 8	0°27	1°29	13°18	n.a.	W27
T 28	11 35 31	25°31'38	2♓15	13°33	14°53	7° 6	20°57	4°54	21°59	12°22	20° 8	0°18	1°26	13°24	n.a.	T 28
F 29	11 39 27	26°29'33	16°34	15°31	16° 7	6°47	21° 7	4°57	22° 0	12°21	20° 8	0° 7	1°23	13°31	n.a.	F 29
S 30	11 43 24	27°27'25	0♈38	17°31	17°20	6°28	21°18	5° 0	22° 2	12°20	20° 8	29♏58	1°19	13°38	n.a.	S 30
S 31	11 47 20	28♓25'16	14♈23	19♓32	18♈33	6♍10	21♉28	5♊ 3	22♊ 4	12♏19	20♐ 9	29♏49	1♐16	13♋44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s55	4s 7	4n59	21s32	1s29	8s18	1s 6	8n53	3n46	16n57	0s16	23s55	0s 7	22s46	0s35	18n25	1n16	26s43	3s17	21s 5	21s 5	20n17		n.a.
S 2	11 34	1n14	4 43	21 24	1 36	7 47	1 5	8 59	3 45	16 59	0 16	23 55	0 7	22 46	0 35	18 25	1 16	26 44	3 18	21 3	21 4	20 16		n.a.
S 3	11 13	6 21	4 11	21 14	1 43	7 17	1 3	9 6	3 45	17 2	0 15	23 55	0 7	22 45	0 35	18 25	1 16	26 44	3 18	21 1	21 3	20 15		n.a.
M 4	10 51	11 1	3 25	21 2	1 49	6 46	1 1	9 13	3 44	17 4	0 15	23 55	0 7	22 45	0 36	18 26	1 16	26 44	3 18	20 59	21 3	20 14		n.a.
T 5	10 30	15 0	2 29	20 49	1 55	6 16	1 0	9 20	3 44	17 6	0 15	23 55	0 7	22 44	0 36	18 26	1 16	26 44	3 18	20 58	21 2	20 12		n.a.
W 6	10 8	18 9	1 28	20 34	2 1	5 45	0 58	9 27	3 43	17 8	0 15	23 55	0 7	22 44	0 36	18 27	1 16	26 45	3 18	20 58	21 1	20 11		n.a.
T 7	9 47	20 23	0 24	20 18	2 5	5 14	0 56	9 34	3 42	17 11	0 15	23 54	0 7	22 44	0 36	18 27	1 16	26 45	3 18	20 58	21 1	20 10		n.a.
F 8	9 25	21 38	0s40	20 0	2 10	4 43	0 54	9 41	3 41	17 13	0 15	23 54	0 7	22 43	0 36	18 28	1 16	26 45	3 19	20 58	21 0	20 9		n.a.
S 9	9 3	21 53	1 41	19 40	2 13	4 11	0 52	9 49	3 40	17 16	0 14	23 54	0 8	22 43	0 36	18 28	1 16	26 45	3 19	20 58	21 0	20 8		n.a.
S 10	8 41	21 10	2 38	19 19	2 17	3 40	0 50	9 56	3 39	17 18	0 14	23 54	0 8	22 42	0 36	18 28	1 16	26 46	3 19	20 57	20 59	20 6		n.a.
M11	8 18	19 30	3 27	18 56	2 19	3 8	0 48	10 3	3 38	17 21	0 14	23 54	0 8	22 42	0 36	18 29	1 16	26 46	3 19	20 56	20 58	20 5		n.a.
T 12	7 56	16 59	4 8	18 32	2 22	2 37	0 46	10 10	3 36	17 23	0 14	23 54	0 8	22 42	0 36	18 29	1 16	26 46	3 19	20 55	20 58	20 4		n.a.
W13	7 34	13 45	4 38	18 6	2 23	2 5	0 44	10 18	3 35	17 26	0 14	23 54	0 8	22 41	0 36	18 30	1 16	26 46	3 20	20 53	20 57	20 2		n.a.
T 14	7 11	9 53	4 56	17 38	2 25	1 33	0 42	10 25	3 33	17 28	0 14	23 54	0 8	22 41	0 36	18 30	1 16	26 46	3 20	20 51	20 56	20 1		n.a.
F 15	6 48	5 33	5 0	17 8	2 25	1 2	0 40	10 32	3 32	17 31	0 13	23 54	0 8	22 40	0 36	18 30	1 16	26 47	3 20	20 48	20 56	20 0		n.a.
S 16	6 26	0 55	4 50	16 37	2 25	0 30	0 38	10 39	3 30	17 33	0 13	23 54	0 8	22 40	0 36	18 31	1 16	26 47	3 20	20 45	20 55	19 59		n.a.
S 17	6 3	3s49	4 25	16 4	2 25	0n 2	0 36	10 46	3 28	17 36	0 13	23 54	0 8	22 40	0 36	18 31	1 16	26 47	3 20	20 43	20 54	19 57		n.a.
M18	5 40	8 29	3 46	15 29	2 24	0 34	0 33	10 53	3 26	17 39	0 13	23 54	0 8	22 39	0 36	18 32	1 16	26 47	3 20	20 41	20 54	19 56		n.a.
T 19	5 17	12 48	2 54	14 53	2 22	1 5	0 31	10 59	3 24	17 41	0 13	23 54	0 8	22 39	0 36	18 32	1 16	26 48	3 21	20 39	20 53	19 55		n.a.
W20	4 54	16 33	1 52	14 15	2 20	1 37	0 29	11 6	3 22	17 44	0 13	23 54	0 9	22 39	0 36	18 32	1 16	26 48	3 21	20 38	20 52	19 54		n.a.
T 21	4 31	19 27	0 42	13 35	2 18	2 9	0 26	11 12	3 20	17 47	0 13	23 54	0 9	22 38	0 36	18 33	1 16	26 48	3 21	20 38	20 52	19 52		n.a.
F 22	4 8	21 15	0n31	12 53	2 14	2 41	0 24	11 19	3 18	17 49	0 12	23 54	0 9	22 38	0 36	18 33	1 16	26 48	3 21	20 38	20 51	19 51		n.a.
S 23	3 45	21 46	1 43	12 10	2 11	3 12	0 22	11 25	3 15	17 52	0 12	23 54	0 9	22 38	0 36	18 33	1 16	26 48	3 21	20 38	20 51	19 50		n.a.
S 24	3 22	20 55	2 50	11 25	2 6	3 44	0 19	11 31	3 13	17 55	0 12	23 54	0 9	22 37	0 36	18 34	1 16	26 49	3 22	20 38	20 50	19 48		n.a.
M25	2 58	18 44	3 47	10 39	2 2	4 15	0 17	11 36	3 11	17 58	0 12	23 54	0 9	22 37	0 36	18 34	1 16	26 49	3 22	20 37	20 49	19 47		n.a.
T 26	2 35	15 21	4 30	9 51	1 56	4 47	0 14	11 42	3 8	18 1	0 12	23 54	0 9	22 37	0 36	18 34	1 16	26 49	3 22	20 36	20 49	19 46		n.a.
W27	2 12	11 3	4 56	9 1	1 50	5 18	0 12	11 47	3 5	18 3	0 12	23 54	0 9	22 36	0 36	18 35	1 16	26 49	3 22	20 35	20 48	19 44		n.a.
T 28	1 48	6 8	5 3	8 10	1 44	5 49	0 9	11 52	3 3	18 6	0 12	23 54	0 9	22 36	0 36	18 35	1 16	26 49	3 22	20 33	20 47	19 43		n.a.
F 29	1 25	0 56	4 51	7 17	1 37	6 20	0 6	11 57	3 0	18 9	0 11	23 54	0 9	22 36	0 36	18 35	1 16	26 50	3 22	20 31	20 47	19 42		n.a.
S 30	1 2	4n14	4 21	6 23	1 30	6 51	0 4	12 1	2 57	18 12	0 11	23 54	0 10	22 36	0 36	18 36	1 16	26 50	3 23	20 29	20 46	19 40		n.a.
S 31	0s38	9n 5	3n37	5s28	1s22	7n22	0s 1	12n 5	2n54	18n15	0s11	23s54	0s10	22s35	0s36	18n36	1n16	26s50	3s23	20s27	20s45	19n39		n.a.

Julian Day Number = 1286834.5, Delta T = 08h02m56s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'54, Lahiri = -20°22'54 Julian Calendar 1 March 1190 BCE == Greg. Calendar 18 Feb. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

APRIL 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 51 17	29♓23'05	27♈47	21♓35	19♈46	5°R52	21♉39	5♏ 5	22♏ 6	12°R18	20♐ 9	29°R43	1♐13	13♋51	n.a.	M 1
T 2	11 55 14	0♈20'53	10♉47	23°39	21° 0	5♍36	21°49	5° 8	22° 8	12♎17	20°R 9	29♏39	1°10	13°58	n.a.	T 2
W 3	11 59 10	1°18'39	23°25	25°45	22°13	5°19	22° 0	5°10	22° 9	12°16	20° 9	29°37	1° 7	14° 4	n.a.	W 3
T 4	12 3 7	2°16'23	5♊45	27°52	23°26	5° 4	22°11	5°12	22°11	12°15	20° 9	29°D37	1° 4	14°11	n.a.	T 4
F 5	12 7 3	3°14'06	17°50	0♈ 1	24°39	4°49	22°21	5°15	22°13	12°14	20° 9	29°38	1° 0	14°18	n.a.	F 5
S 6	12 11 0	4°11'46	29°45	2°10	25°52	4°35	22°32	5°17	22°14	12°13	20° 8	29°R39	0°57	14°24	n.a.	S 6
S 7	12 14 56	5° 9'25	11♋36	4°20	27° 5	4°22	22°43	5°19	22°16	12°12	20° 8	29°38	0°54	14°31	n.a.	S 7
M 8	12 18 53	6° 7'02	23°27	6°30	28°18	4° 9	22°54	5°21	22°17	12°11	20° 8	29°37	0°51	14°38	n.a.	M 8
T 9	12 22 49	7° 4'38	5♌24	8°41	29°31	3°57	23° 5	5°22	22°19	12°11	20° 8	29°33	0°48	14°44	n.a.	T 9
W10	12 26 46	8° 2'12	17°31	10°52	0♉44	3°46	23°17	5°24	22°20	12°10	20° 8	29°27	0°44	14°51	n.a.	W10
T 11	12 30 43	8°59'44	29°50	13° 3	1°57	3°36	23°28	5°26	22°22	12° 9	20° 8	29°20	0°41	14°58	n.a.	T 11
F 12	12 34 39	9°57'15	12♍26	15°13	3°10	3°26	23°39	5°27	22°23	12° 8	20° 7	29°11	0°38	15° 4	n.a.	F 12
S 13	12 38 36	10°54'44	25°18	17°22	4°23	3°18	23°51	5°29	22°24	12° 8	20° 7	29° 3	0°35	15°11	n.a.	S 13
S 14	12 42 32	11°52'12	8♎27	19°30	5°36	3°10	24° 2	5°30	22°25	12° 7	20° 7	28°55	0°32	15°18	n.a.	S 14
M15	12 46 29	12°49'39	21°51	21°37	6°48	3° 3	24°14	5°31	22°27	12° 6	20° 6	28°49	0°29	15°24	n.a.	M15
T 16	12 50 25	13°47'04	5♏29	23°43	8° 1	2°57	24°26	5°33	22°28	12° 6	20° 6	28°45	0°25	15°31	n.a.	T 16
W17	12 54 22	14°44'29	19°17	25°47	9°14	2°51	24°37	5°34	22°29	12° 5	20° 6	28°43	0°22	15°38	n.a.	W17
T 18	12 58 18	15°41'53	3♐15	27°48	10°26	2°46	24°49	5°35	22°30	12° 5	20° 5	28°D42	0°19	15°45	n.a.	T 18
F 19	13 2 15	16°39'15	17°18	29°48	11°39	2°43	25° 1	5°36	22°31	12° 4	20° 5	28°43	0°16	15°51	n.a.	F 19
S 20	13 6 12	17°36'37	1♑26	1♉45	12°52	2°40	25°13	5°36	22°32	12° 4	20° 4	28°45	0°13	15°58	n.a.	S 20
S 21	13 10 8	18°33'58	15°37	3°40	14° 4	2°37	25°25	5°37	22°33	12° 3	20° 4	28°R45	0°10	16° 5	n.a.	S 21
M22	13 14 5	19°31'19	29°48	5°32	15°17	2°36	25°37	5°38	22°34	12° 3	20° 3	28°45	0° 6	16°11	n.a.	M22
T 23	13 18 1	20°28'39	13♒59	7°22	16°29	2°D36	25°49	5°38	22°34	12° 2	20° 3	28°43	0° 3	16°18	n.a.	T 23
W24	13 21 58	21°25'57	28° 6	9° 9	17°42	2°36	26° 1	5°38	22°35	12° 2	20° 2	28°39	0° 0	16°25	n.a.	W24
T 25	13 25 54	22°23'16	12♓ 7	10°54	18°54	2°37	26°13	5°39	22°36	12° 2	20° 2	28°35	29♏57	16°31	n.a.	T 25
F 26	13 29 51	23°20'33	25°58	12°36	20° 7	2°39	26°25	5°39	22°36	12° 1	20° 1	28°29	29°54	16°38	n.a.	F 26
S 27	13 33 47	24°17'50	9♈36	14°15	21°19	2°41	26°38	5°R39	22°37	12° 1	20° 0	28°24	29°50	16°45	n.a.	S 27
S 28	13 37 44	25°15'06	22°59	15°51	22°31	2°45	26°50	5°39	22°38	12° 1	20° 0	28°19	29°47	16°51	n.a.	S 28
M29	13 41 41	26°12'21	6♉ 5	17°24	23°44	2°49	27° 3	5°39	22°38	12° 1	19°59	28°16	29°44	16°58	n.a.	M29
T 30	13 45 37	27♈ 9'35	18♉53	18♉55	24♉56	2♍54	27♉15	5♏39	22♏39	12♎ 0	19♐58	28♏14	29♏41	17♋ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s15	13n22	2n42	4s31	1s13	7n53	0n 1	12n 9	2n51	18n18	0s11	23s54	0s10	22s35	0s36	18n36	1n16	26s50	3s23	20s25	20s45	19n38		n.a.
T 2	0n 8	16 52	1 39	3 33	1 5	8 23	0 4	12 13	2 48	18 21	0 11	23 54	0 10	22 35	0 36	18 36	1 16	26 50	3 23	20 25	20 44	19 36		n.a.
W 3	0 32	19 28	0 33	2 34	0 55	8 53	0 7	12 16	2 45	18 24	0 11	23 54	0 10	22 35	0 36	18 37	1 16	26 50	3 23	20 24	20 43	19 35		n.a.
T 4	0 55	21 5	0s33	1 34	0 46	9 23	0 9	12 19	2 42	18 27	0 11	23 54	0 10	22 34	0 36	18 37	1 16	26 51	3 24	20 24	20 43	19 34		n.a.
F 5	1 18	21 40	1 36	0 33	0 36	9 53	0 12	12 22	2 39	18 30	0 10	23 54	0 10	22 34	0 36	18 37	1 16	26 51	3 24	20 24	20 42	19 32		n.a.
S 6	1 42	21 16	2 35	0n29	0 26	10 23	0 14	12 24	2 36	18 33	0 10	23 54	0 10	22 34	0 36	18 37	1 16	26 51	3 24	20 24	20 41	19 31		n.a.
S 7	2 5	19 54	3 26	1 31	0 15	10 52	0 17	12 26	2 33	18 36	0 10	23 54	0 10	22 34	0 37	18 38	1 16	26 51	3 24	20 24	20 41	19 30		n.a.
M 8	2 28	17 41	4 8	2 33	0 5	11 21	0 20	12 28	2 30	18 39	0 10	23 54	0 10	22 33	0 37	18 38	1 16	26 51	3 24	20 24	20 40	19 28		n.a.
T 9	2 51	14 42	4 40	3 35	0n 6	11 50	0 22	12 30	2 27	18 41	0 10	23 54	0 11	22 33	0 37	18 38	1 16	26 51	3 24	20 23	20 39	19 27		n.a.
W10	3 14	11 5	5 0	4 37	0 16	12 19	0 25	12 31	2 24	18 44	0 10	23 54	0 11	22 33	0 37	18 38	1 15	26 52	3 25	20 22	20 39	19 26		n.a.
T 11	3 37	6 56	5 7	5 39	0 27	12 47	0 28	12 32	2 21	18 48	0 10	23 54	0 11	22 33	0 37	18 38	1 15	26 52	3 25	20 20	20 38	19 24		n.a.
F 12	4 0	2 25	4 59	6 39	0 37	13 15	0 30	12 32	2 17	18 51	0 10	23 54	0 11	22 33	0 37	18 39	1 15	26 52	3 25	20 19	20 37	19 23		n.a.
S 13	4 23	2s18	4 36	7 39	0 47	13 42	0 33	12 33	2 14	18 54	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 52	3 25	20 17	20 37	19 22		n.a.
S 14	4 46	7 2	3 58	8 38	0 57	14 10	0 36	12 33	2 11	18 57	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 52	3 25	20 15	20 36	19 20		n.a.
M15	5 9	11 31	3 6	9 36	1 7	14 37	0 38	12 32	2 8	19 0	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 52	3 25	20 14	20 35	19 19		n.a.
T 16	5 32	15 29	2 2	10 32	1 16	15 3	0 41	12 32	2 5	19 3	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 53	3 26	20 13	20 35	19 17		n.a.
W17	5 54	18 39	0 51	11 26	1 25	15 29	0 43	12 31	2 2	19 6	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 53	3 26	20 12	20 34	19 16		n.a.
T 18	6 17	20 45	0n25	12 18	1 33	15 55	0 46	12 29	1 58	19 9	0 9	23 54	0 11	22 32	0 37	18 39	1 15	26 53	3 26	20 12	20 33	19 15		n.a.
F 19	6 39	21 34	1 39	13 9	1 40	16 21	0 48	12 28	1 55	19 12	0 9	23 54	0 12	22 32	0 37	18 40	1 15	26 53	3 26	20 12	20 33	19 13		n.a.
S 20	7 1	21 1	2 48	13 57	1 47	16 46	0 51	12 26	1 52	19 15	0 9	23 55	0 12	22 31	0 37	18 40	1 15	26 53	3 26	20 13	20 32	19 12		n.a.
S 21	7 24	19 9	3 47	14 43	1 54	17 10	0 54	12 24	1 49	19 18	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 53	3 27	20 13	20 31	19 10		n.a.
M22	7 46	16 6	4 32	15 28	2 0	17 35	0 56	12 22	1 46	19 21	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 53	3 27	20 13	20 30	19 9		n.a.
T 23	8 8	12 7	5 1	16 9	2 5	17 58	0 58	12 19	1 43	19 24	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 54	3 27	20 12	20 30	19 8		n.a.
W24	8 29	7 29	5 11	16 49	2 9	18 22	1 1	12 16	1 40	19 27	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 54	3 27	20 11	20 29	19 6		n.a.
T 25	8 51	2 29	5 2	17 26	2 12	18 45	1 3	12 13	1 37	19 30	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 54	3 27	20 10	20 28	19 5		n.a.
F 26	9 13	2n35	4 36	18 1	2 15	19 7	1 6	12 10	1 34	19 33	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 54	3 27	20 9	20 28	19 3		n.a.
S 27	9 34	7 27	3 54	18 34	2 17	19 29	1 8	12 6	1 31	19 36	0 8	23 55	0 12	22 31	0 37	18 40	1 15	26 54	3 28	20 8	20 27	19 2		n.a.
S 28	9 56	11 52	3 1	19 4	2 19	19 50	1 10	12 2	1 28	19 39	0 8	23 55	0 13	22 31	0 37	18 40	1 15	26 54	3 28	20 7	20 26	19 1		n.a.
M29	10 17	15 37	1 58	19 32	2 19	20 11	1 13	11 58	1 25	19 42	0 7	23 55	0 13	22 31	0 37	18 40	1 15	26 54	3 28	20 6	20 26	18 59		n.a.
T 30	10n38	18n32	0n51	19n58	2n19	20n31	1n15	11n53	1n22	19n45	0s 7	23s56	0s13	22s31	0s37	18n40	1n15	26s54	3s28	20s 6	20s25	18n58		n.a.

Julian Day Number = 1286865.5, Delta T = 08h02m54s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'50, Lahiri = -20°22'49 Julian Calendar 1 Apr. 1190 BCE == Greg. Calendar 21 March 1190 BCE

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

MAY 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 49 34	28♈ 6'49	1♊24	20♉22	26♉ 8	2♍59	27♉27	5°R38	22♑39	12°R 0	19°R58	28°D14	29♏38	17♋11	n.a.	W 1
T 2	13 53 30	29° 4'01	13°40	21°47	27°21	3° 6	27°40	5♑38	22°39	12♌ 0	19♐57	28♏15	29°35	17°18	n.a.	T 2
F 3	13 57 27	0♉ 1'13	25°44	23° 9	28°33	3°13	27°53	5°38	22°40	12° 0	19°56	28°16	29°31	17°25	n.a.	F 3
S 4	14 1 23	0°58'24	7♋39	24°28	29°45	3°21	28° 5	5°37	22°40	12° 0	19°55	28°18	29°28	17°32	n.a.	S 4
S 5	14 5 20	1°55'34	19°31	25°44	0♊57	3°29	28°18	5°36	22°40	12°D 0	19°54	28°19	29°25	17°38	n.a.	S 5
M 6	14 9 16	2°52'43	1♌23	26°57	2° 9	3°38	28°31	5°35	22°40	12° 0	19°54	28°R20	29°22	17°45	n.a.	M 6
T 7	14 13 13	3°49'52	13°20	28° 6	3°21	3°48	28°43	5°35	22°40	12° 0	19°53	28°20	29°19	17°52	n.a.	T 7
W 8	14 17 10	4°46'59	25°28	29°13	4°33	3°59	28°56	5°34	22°41	12° 0	19°52	28°18	29°16	17°58	n.a.	W 8
T 9	14 21 6	5°44'06	7♍51	0♊16	5°45	4°10	29° 9	5°32	22°R41	12° 0	19°51	28°16	29°12	18° 5	n.a.	T 9
F 10	14 25 3	6°41'12	20°31	1°16	6°57	4°22	29°22	5°31	22°41	12° 0	19°50	28°13	29° 9	18°12	n.a.	F 10
S 11	14 28 59	7°38'18	3♎31	2°12	8° 9	4°35	29°35	5°30	22°40	12° 1	19°49	28°10	29° 6	18°18	n.a.	S 11
S 12	14 32 56	8°35'23	16°52	3° 5	9°20	4°48	29°48	5°29	22°40	12° 1	19°48	28° 7	29° 3	18°25	n.a.	S 12
M13	14 36 52	9°32'27	0♏34	3°55	10°32	5° 2	0♊ 1	5°27	22°40	12° 1	19°47	28° 5	29° 0	18°32	n.a.	M13
T 14	14 40 49	10°29'31	14°33	4°40	11°44	5°16	0°14	5°26	22°40	12° 1	19°46	28° 4	28°56	18°38	n.a.	T 14
W15	14 44 45	11°26'35	28°47	5°22	12°55	5°31	0°27	5°24	22°40	12° 2	19°45	28°D 3	28°53	18°45	n.a.	W15
T 16	14 48 42	12°23'39	13♐11	6° 0	14° 7	5°47	0°40	5°22	22°39	12° 2	19°44	28° 4	28°50	18°52	n.a.	T 16
F 17	14 52 39	13°20'43	27°40	6°34	15°19	6° 3	0°53	5°20	22°39	12° 2	19°43	28° 5	28°47	18°58	n.a.	F 17
S 18	14 56 35	14°17'46	12♑ 8	7° 3	16°30	6°20	1° 6	5°19	22°39	12° 3	19°42	28° 6	28°44	19° 5	n.a.	S 18
S 19	15 0 32	15°14'50	26°32	7°29	17°42	6°37	1°19	5°17	22°38	12° 3	19°41	28° 7	28°41	19°12	n.a.	S 19
M20	15 4 28	16°11'54	10♒49	7°50	18°53	6°55	1°32	5°15	22°38	12° 4	19°40	28°R 7	28°37	19°19	n.a.	M20
T 21	15 8 25	17° 8'59	24°55	8° 7	20° 4	7°13	1°45	5°12	22°37	12° 4	19°39	28° 7	28°34	19°25	n.a.	T 21
W22	15 12 21	18° 6'03	8♓49	8°19	21°16	7°32	1°59	5°10	22°37	12° 5	19°37	28° 6	28°31	19°32	n.a.	W22
T 23	15 16 18	19° 3'08	22°29	8°26	22°27	7°51	2°12	5° 8	22°36	12° 5	19°36	28° 6	28°28	19°39	n.a.	T 23
F 24	15 20 15	20° 0'13	5♈57	8°R29	23°38	8°11	2°25	5° 5	22°35	12° 6	19°35	28° 5	28°25	19°45	n.a.	F 24
S 25	15 24 11	20°57'18	19°10	8°28	24°49	8°31	2°38	5° 3	22°35	12° 7	19°34	28° 4	28°21	19°52	n.a.	S 25
S 26	15 28 8	21°54'23	2♉ 9	8°21	26° 1	8°52	2°52	5° 0	22°34	12° 7	19°33	28° 3	28°18	19°59	n.a.	S 26
M27	15 32 4	22°51'29	14°53	8°11	27°12	9°13	3° 5	4°58	22°33	12° 8	19°31	28° 3	28°15	20° 5	n.a.	M27
T 28	15 36 1	23°48'35	27°25	7°55	28°23	9°35	3°18	4°55	22°32	12° 9	19°30	28°D 2	28°12	20°12	n.a.	T 28
W29	15 39 57	24°45'41	9♊44	7°36	29°34	9°57	3°32	4°52	22°31	12° 9	19°29	28° 2	28° 9	20°19	n.a.	W29
T 30	15 43 54	25°42'48	21°53	7°13	0♋45	10°20	3°45	4°49	22°30	12°10	19°28	28° 3	28° 6	20°26	n.a.	T 30
F 31	15 47 50	26♉39'54	3♋52	6♊46	1♋56	10♍43	3♊58	4♑46	22♑29	12♌11	19♐26	28♏ 3	28♏ 2	20♋32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		lat
W 1	10n59	20n30	0s17	20n21	2n19	20n51	1n17	11n48	1n19	19n48	0s 7	23s56	0s13	22s31	0s37	18n40	1n15	26s54	3s28	20s 6	20s24	18n56		n.a.
T 2	11 19	21 26	1 24	20 43	2 17	21 10	1 19	11 43	1 16	19 51	0 7	23 56	0 13	22 31	0 37	18 40	1 15	26 55	3 28	20 6	20 24	18 55		n.a.
F 3	11 40	21 21	2 25	21 2	2 15	21 29	1 21	11 38	1 14	19 54	0 7	23 56	0 13	22 31	0 37	18 40	1 15	26 55	3 29	20 6	20 23	18 53		n.a.
S 4	12 0	20 17	3 20	21 19	2 11	21 47	1 23	11 33	1 11	19 57	0 7	23 56	0 13	22 31	0 37	18 40	1 15	26 55	3 29	20 7	20 22	18 52		n.a.
S 5	12 20	18 21	4 5	21 34	2 8	22 5	1 25	11 27	1 8	20 0	0 7	23 56	0 13	22 31	0 38	18 40	1 15	26 55	3 29	20 7	20 22	18 51		n.a.
M 6	12 40	15 37	4 41	21 47	2 3	22 21	1 27	11 21	1 5	20 3	0 7	23 56	0 13	22 31	0 38	18 40	1 15	26 55	3 29	20 7	20 21	18 49		n.a.
T 7	13 0	12 14	5 4	21 59	1 58	22 38	1 29	11 15	1 3	20 6	0 7	23 56	0 14	22 31	0 38	18 40	1 15	26 55	3 29	20 7	20 20	18 48		n.a.
W 8	13 20	8 19	5 14	22 8	1 52	22 53	1 31	11 8	1 0	20 9	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 55	3 29	20 7	20 19	18 46		n.a.
T 9	13 39	3 59	5 10	22 15	1 45	23 8	1 33	11 2	0 57	20 12	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 55	3 30	20 6	20 19	18 45		n.a.
F 10	13 58	0s38	4 51	22 20	1 37	23 23	1 34	10 55	0 55	20 15	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 55	3 30	20 5	20 18	18 43		n.a.
S 11	14 17	5 20	4 17	22 24	1 29	23 37	1 36	10 48	0 52	20 18	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 55	3 30	20 5	20 17	18 42		n.a.
S 12	14 36	9 56	3 28	22 26	1 20	23 50	1 38	10 41	0 50	20 21	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 55	3 30	20 4	20 17	18 40		n.a.
M13	14 54	14 8	2 26	22 26	1 11	24 2	1 39	10 33	0 47	20 24	0 6	23 57	0 14	22 31	0 38	18 40	1 15	26 56	3 30	20 4	20 16	18 39		n.a.
T 14	15 13	17 39	1 14	22 25	1 0	24 14	1 41	10 26	0 45	20 26	0 6	23 58	0 14	22 31	0 38	18 40	1 15	26 56	3 30	20 3	20 15	18 37		n.a.
W15	15 31	20 9	0n 4	22 22	0 49	24 25	1 42	10 18	0 42	20 29	0 6	23 58	0 14	22 31	0 38	18 39	1 14	26 56	3 30	20 3	20 14	18 36		n.a.
T 16	15 49	21 23	1 23	22 17	0 38	24 35	1 44	10 10	0 40	20 32	0 5	23 58	0 15	22 31	0 38	18 39	1 14	26 56	3 31	20 3	20 14	18 34		n.a.
F 17	16 6	21 12	2 37	22 11	0 26	24 45	1 45	10 1	0 38	20 35	0 5	23 58	0 15	22 31	0 38	18 39	1 14	26 56	3 31	20 4	20 13	18 33		n.a.
S 18	16 24	19 37	3 40	22 3	0 13	24 54	1 46	9 53	0 35	20 38	0 5	23 58	0 15	22 31	0 38	18 39	1 14	26 56	3 31	20 4	20 12	18 31		n.a.
S 19	16 41	16 47	4 30	21 54	0s 1	25 2	1 47	9 44	0 33	20 41	0 5	23 59	0 15	22 31	0 38	18 39	1 14	26 56	3 31	20 4	20 12	18 30		n.a.
M20	16 57	12 58	5 2	21 44	0 15	25 10	1 48	9 36	0 31	20 44	0 5	23 59	0 15	22 32	0 38	18 39	1 14	26 56	3 31	20 4	20 11	18 28		n.a.
T 21	17 14	8 28	5 16	21 33	0 29	25 16	1 49	9 27	0 28	20 46	0 5	23 59	0 15	22 32	0 38	18 39	1 14	26 56	3 31	20 4	20 10	18 27		n.a.
W22	17 30	3 36	5 11	21 20	0 44	25 23	1 50	9 17	0 26	20 49	0 5	23 59	0 15	22 32	0 38	18 38	1 14	26 56	3 31	20 4	20 10	18 25		n.a.
T 23	17 46	1n23	4 49	21 6	0 59	25 28	1 51	9 8	0 24	20 52	0 5	23 59	0 15	22 32	0 38	18 38	1 14	26 56	3 32	20 4	20 9	18 24		n.a.
F 24	18 2	6 13	4 10	20 51	1 15	25 33	1 52	8 59	0 22	20 55	0 5	24 0	0 15	22 32	0 38	18 38	1 14	26 56	3 32	20 4	20 8	18 22		n.a.
S 25	18 17	10 41	3 19	20 35	1 30	25 37	1 53	8 49	0 20	20 58	0 4	24 0	0 16	22 32	0 38	18 38	1 14	26 56	3 32	20 3	20 7	18 21		n.a.
S 26	18 33	14 35	2 19	20 19	1 46	25 40	1 53	8 39	0 18	21 0	0 4	24 0	0 16	22 32	0 38	18 38	1 14	26 56	3 32	20 3	20 7	18 19		n.a.
M27	18 47	17 43	1 12	20 1	2 2	25 42	1 54	8 29	0 16	21 3	0 4	24 0	0 16	22 33	0 38	18 37	1 14	26 56	3 32	20 3	20 6	18 18		n.a.
T 28	19 2	19 58	0 3	19 43	2 18	25 44	1 54	8 19	0 13	21 6	0 4	24 0	0 16	22 33	0 38	18 37	1 14	26 56	3 32	20 3	20 5	18 16		n.a.
W29	19 16	21 13	1s 4	19 25	2 33	25 45	1 55	8 8	0 11	21 8	0 4	24 1	0 16	22 33	0 38	18 37	1 14	26 56	3 32	20 3	20 4	18 15		n.a.
T 30	19 30	21 27	2 8	19 6	2 48	25 45	1 55	7 58	0 9	21 11	0 4	24 1	0 16	22 33	0 38	18 37	1 14	26 56	3 33	20 3	20 4	18 13		n.a.
F 31	19n44	20n41	3s 6	18n47	3s 3	25n44	1n55	7n47	0n 7	21n14	0s 4	24s 1	0s16	22s33	0s38	18n36	1n14	26s56	3s33	20s 3	20s 3	18n12		n.a.

Julian Day Number = 1286895.5, Delta T = 08h02m53s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'46, Lahiri = -20°22'45 Julian Calendar 1 May 1190 BCE == Greg. Calendar 20 Apr. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

JUNE 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 51 47	27♉37'01	15♋46	6°R15	3♋ 6	11♍ 7	4♊12	4°R43	22°R28	12♌12	19°R25	28♏ 3	27♏59	20♋39	n.a.	S 1
S 2	15 55 44	28°34'07	27°36	5♊42	4°17	11°31	4°25	4♑40	22♑27	12°13	19♐24	28°R 3	27°56	20°46	n.a.	S 2
M 3	15 59 40	29°31'14	9♌28	5° 6	5°28	11°55	4°38	4°37	22°26	12°14	19°23	28° 3	27°53	20°52	n.a.	M 3
T 4	16 3 37	0♊28'21	21°25	4°29	6°38	12°20	4°52	4°33	22°25	12°15	19°21	28° 3	27°50	20°59	n.a.	T 4
W 5	16 7 33	1°25'28	3♍32	3°50	7°49	12°45	5° 5	4°30	22°24	12°16	19°20	28°D 3	27°47	21° 6	n.a.	W 5
T 6	16 11 30	2°22'36	15°52	3°11	9° 0	13°10	5°19	4°27	22°22	12°17	19°19	28° 3	27°43	21°12	n.a.	T 6
F 7	16 15 26	3°19'43	28°31	2°32	10°10	13°36	5°32	4°23	22°21	12°18	19°17	28° 3	27°40	21°19	n.a.	F 7
S 8	16 19 23	4°16'51	11♎32	1°53	11°20	14° 3	5°45	4°20	22°20	12°19	19°16	28° 4	27°37	21°26	n.a.	S 8
S 9	16 23 19	5°13'59	24°57	1°17	12°31	14°29	5°59	4°16	22°18	12°20	19°15	28° 4	27°34	21°32	n.a.	S 9
M10	16 27 16	6°11'08	8♏47	0°42	13°41	14°57	6°12	4°12	22°17	12°21	19°13	28° 5	27°31	21°39	n.a.	M10
T 11	16 31 13	7° 8'17	23° 0	0°10	14°51	15°24	6°26	4° 9	22°16	12°22	19°12	28°R 5	27°27	21°46	n.a.	T 11
W12	16 35 9	8° 5'27	7♐33	29♉41	16° 1	15°52	6°39	4° 5	22°14	12°23	19°10	28° 5	27°24	21°53	n.a.	W12
T 13	16 39 6	9° 2'37	22°21	29°17	17°11	16°20	6°52	4° 1	22°13	12°24	19° 9	28° 5	27°21	21°59	n.a.	T 13
F 14	16 43 2	9°59'48	7♑15	28°57	18°21	16°48	7° 6	3°57	22°11	12°26	19° 8	28° 4	27°18	22° 6	n.a.	F 14
S 15	16 46 59	10°57'01	22° 8	28°41	19°31	17°17	7°19	3°53	22° 9	12°27	19° 6	28° 2	27°15	22°13	n.a.	S 15
S 16	16 50 55	11°54'14	6♒52	28°31	20°41	17°46	7°32	3°49	22° 8	12°28	19° 5	28° 1	27°12	22°19	n.a.	S 16
M17	16 54 52	12°51'28	21°22	28°D26	21°50	18°15	7°46	3°45	22° 6	12°29	19° 3	27°59	27° 8	22°26	n.a.	M17
T 18	16 58 49	13°48'43	5♓33	28°27	23° 0	18°45	7°59	3°41	22° 4	12°31	19° 2	27°59	27° 5	22°33	n.a.	T 18
W19	17 2 45	14°46'00	19°25	28°34	24°10	19°15	8°13	3°37	22° 3	12°32	19° 1	27°D58	27° 2	22°39	n.a.	W19
T 20	17 6 42	15°43'17	2♈55	28°47	25°19	19°45	8°26	3°33	22° 1	12°33	18°59	27°59	26°59	22°46	n.a.	T 20
F 21	17 10 38	16°40'36	16° 7	29° 6	26°29	20°16	8°39	3°29	21°59	12°35	18°58	28° 0	26°56	22°53	n.a.	F 21
S 22	17 14 35	17°37'57	29° 1	29°31	27°38	20°47	8°53	3°24	21°57	12°36	18°56	28° 2	26°53	23° 0	n.a.	S 22
S 23	17 18 31	18°35'18	11♉40	0♊ 3	28°47	21°18	9° 6	3°20	21°56	12°38	18°55	28° 3	26°49	23° 6	n.a.	S 23
M24	17 22 28	19°32'41	24° 6	0°40	29°56	21°49	9°19	3°16	21°54	12°39	18°54	28°R 4	26°46	23°13	n.a.	M24
T 25	17 26 24	20°30'05	6♊22	1°24	1♌ 5	22°21	9°32	3°12	21°52	12°41	18°52	28° 3	26°43	23°20	n.a.	T 25
W26	17 30 21	21°27'30	18°29	2°13	2°14	22°53	9°46	3° 7	21°50	12°42	18°51	28° 2	26°40	23°26	n.a.	W26
T 27	17 34 18	22°24'56	0♋28	3° 9	3°23	23°25	9°59	3° 3	21°48	12°44	18°49	28° 0	26°37	23°33	n.a.	T 27
F 28	17 38 14	23°22'23	12°23	4°10	4°32	23°58	10°12	2°58	21°46	12°45	18°48	27°56	26°33	23°40	n.a.	F 28
S 29	17 42 11	24°19'52	24°14	5°17	5°41	24°31	10°25	2°54	21°44	12°47	18°47	27°52	26°30	23°46	n.a.	S 29
S 30	17 46 7	25♊17'21	6♌ 4	6♊30	6♌49	25♍ 4	10♊38	2♑50	21♑42	12♌49	18♐45	27♏47	26♏27	23♋53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n57	19n 0	3s55	18n29	3s17	25n43	1n55	7n36	0n 6	21n16	0s 4	24s 1	0s16	22s34	0s38	18n36	1n14	26s56	3s33	20s 3	20s 2	18n10		n.a.
S 2	20 10	16 31	4 34	18 10	3 30	25 41	1 55	7 25	0 4	21 19	0 4	24 2	0 16	22 34	0 38	18 36	1 14	26 56	3 33	20 3	20 2	18 9		n.a.
M 3	20 23	13 21	5 1	17 52	3 42	25 38	1 55	7 14	0 2	21 22	0 4	24 2	0 17	22 34	0 39	18 36	1 14	26 56	3 33	20 3	20 1	18 7		n.a.
T 4	20 35	9 38	5 15	17 34	3 53	25 35	1 55	7 3	0s 0	21 24	0 3	24 2	0 17	22 34	0 39	18 35	1 14	26 56	3 33	20 3	20 0	18 6		n.a.
W 5	20 47	5 29	5 16	17 18	4 3	25 31	1 55	6 51	0 2	21 27	0 3	24 2	0 17	22 34	0 39	18 35	1 14	26 56	3 33	20 3	19 59	18 4		n.a.
T 6	20 59	1 2	5 2	17 2	4 11	25 26	1 55	6 39	0 4	21 29	0 3	24 2	0 17	22 35	0 39	18 35	1 14	26 56	3 33	20 3	19 59	18 3		n.a.
F 7	21 10	3s34	4 34	16 48	4 18	25 20	1 54	6 28	0 6	21 32	0 3	24 3	0 17	22 35	0 39	18 34	1 14	26 56	3 34	20 3	19 58	18 1		n.a.
S 8	21 21	8 10	3 51	16 35	4 23	25 14	1 54	6 16	0 7	21 34	0 3	24 3	0 17	22 35	0 39	18 34	1 14	26 56	3 34	20 3	19 57	17 59		n.a.
S 9	21 32	12 30	2 54	16 24	4 27	25 7	1 53	6 4	0 9	21 37	0 3	24 3	0 17	22 35	0 39	18 34	1 14	26 56	3 34	20 3	19 56	17 58		n.a.
M10	21 42	16 19	1 45	16 15	4 29	24 59	1 53	5 52	0 11	21 39	0 3	24 3	0 17	22 36	0 39	18 33	1 14	26 56	3 34	20 4	19 56	17 56		n.a.
T 11	21 52	19 17	0 28	16 7	4 30	24 51	1 52	5 39	0 13	21 42	0 3	24 4	0 17	22 36	0 39	18 33	1 14	26 56	3 34	20 4	19 55	17 55		n.a.
W12	22 1	21 4	0n52	16 2	4 29	24 41	1 51	5 27	0 14	21 44	0 3	24 4	0 18	22 36	0 39	18 33	1 14	26 56	3 34	20 4	19 54	17 53		n.a.
T 13	22 10	21 26	2 10	16 0	4 27	24 32	1 50	5 14	0 16	21 47	0 2	24 4	0 18	22 36	0 39	18 32	1 14	26 56	3 34	20 4	19 54	17 52		n.a.
F 14	22 19	20 18	3 20	15 59	4 23	24 21	1 49	5 2	0 18	21 49	0 2	24 4	0 18	22 37	0 39	18 32	1 14	26 56	3 34	20 3	19 53	17 50		n.a.
S 15	22 27	17 46	4 16	16 1	4 17	24 10	1 48	4 49	0 19	21 51	0 2	24 4	0 18	22 37	0 39	18 31	1 14	26 56	3 34	20 3	19 52	17 49		n.a.
S 16	22 35	14 6	4 55	16 5	4 10	23 58	1 46	4 36	0 21	21 54	0 2	24 5	0 18	22 37	0 39	18 31	1 14	26 56	3 34	20 3	19 51	17 47		n.a.
M17	22 43	9 40	5 14	16 12	4 2	23 45	1 45	4 23	0 22	21 56	0 2	24 5	0 18	22 38	0 39	18 31	1 14	26 56	3 35	20 2	19 51	17 45		n.a.
T 18	22 50	4 46	5 13	16 21	3 53	23 32	1 44	4 9	0 24	21 58	0 2	24 5	0 18	22 38	0 39	18 30	1 14	26 56	3 35	20 2	19 50	17 44		n.a.
W19	22 57	0n15	4 54	16 32	3 43	23 19	1 42	3 56	0 25	22 0	0 2	24 5	0 18	22 38	0 39	18 30	1 13	26 56	3 35	20 2	19 49	17 42		n.a.
T 20	23 3	5 8	4 19	16 46	3 32	23 4	1 40	3 43	0 27	22 3	0 2	24 6	0 18	22 39	0 39	18 29	1 13	26 56	3 35	20 2	19 48	17 41		n.a.
F 21	23 9	9 41	3 31	17 2	3 21	22 49	1 39	3 29	0 28	22 5	0 2	24 6	0 19	22 39	0 39	18 29	1 13	26 56	3 35	20 3	19 48	17 39		n.a.
S 22	23 15	13 41	2 34	17 19	3 8	22 33	1 37	3 16	0 30	22 7	0 2	24 6	0 19	22 39	0 39	18 29	1 13	26 56	3 35	20 3	19 47	17 37		n.a.
S 23	23 20	17 0	1 29	17 39	2 55	22 17	1 35	3 2	0 31	22 9	0 1	24 6	0 19	22 40	0 39	18 28	1 13	26 56	3 35	20 3	19 46	17 36		n.a.
M24	23 25	19 28	0 22	18 0	2 41	22 0	1 33	2 48	0 33	22 12	0 1	24 6	0 19	22 40	0 39	18 28	1 13	26 56	3 35	20 3	19 45	17 34		n.a.
T 25	23 29	20 59	0s46	18 22	2 27	21 43	1 31	2 34	0 34	22 14	0 1	24 7	0 19	22 40	0 39	18 27	1 13	26 56	3 35	20 3	19 45	17 33		n.a.
W26	23 33	21 30	1 50	18 46	2 13	21 25	1 28	2 20	0 35	22 16	0 1	24 7	0 19	22 41	0 39	18 27	1 13	26 56	3 35	20 3	19 44	17 31		n.a.
T 27	23 37	21 1	2 49	19 12	1 59	21 7	1 26	2 6	0 37	22 18	0 1	24 7	0 19	22 41	0 39	18 26	1 13	26 56	3 35	20 2	19 43	17 29		n.a.
F 28	23 40	19 36	3 40	19 38	1 44	20 48	1 24	1 51	0 38	22 20	0 1	24 7	0 19	22 41	0 39	18 26	1 13	26 56	3 36	20 2	19 42	17 28		n.a.
S 29	23 43	17 20	4 21	20 4	1 29	20 28	1 21	1 37	0 39	22 22	0 1	24 7	0 19	22 42	0 39	18 25	1 13	26 56	3 36	20 1	19 42	17 26		n.a.
S 30	23n45	14n22	4s51	20n31	1s15	20n 8	1n18	1n22	0s41	22n24	0s 1	24s 8	0s19	22s42	0s39	18n25	1n13	26s56	3s36	19s59	19s41	17n25		n.a.

Julian Day Number = 1286926.5, Delta T = 08h02m51s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'42, Lahiri = -20°22'41 Julian Calendar 1 June 1190 BCE == Greg. Calendar 21 May 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

JULY 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 50 4	26♊14'52	17♌56	7♊48	7♌58	25♍37	10♊52	2°R45	21°R40	12♌50	18°R44	27°R43	26♏24	24♋ 0	n.a.	M 1
T 2	17 54 0	27°12'23	29°53	9°11	9° 6	26°10	11° 5	2♉41	21♉38	12°52	18♐42	27♏39	26°21	24° 7	n.a.	T 2
W 3	17 57 57	28° 9'56	11♍58	10°39	10°14	26°44	11°18	2°36	21°35	12°54	18°41	27°36	26°18	24°13	n.a.	W 3
T 4	18 1 53	29° 7'30	24°16	12°12	11°22	27°18	11°31	2°32	21°33	12°55	18°40	27°D35	26°14	24°20	n.a.	T 4
F 5	18 5 50	0♋ 5'05	6♎51	13°49	12°30	27°52	11°44	2°27	21°31	12°57	18°38	27°35	26°11	24°27	n.a.	F 5
S 6	18 9 47	1° 2'41	19°47	15°30	13°38	28°27	11°57	2°23	21°29	12°59	18°37	27°36	26° 8	24°33	n.a.	S 6
S 7	18 13 43	2° 0'18	3♏ 7	17°15	14°46	29° 2	12°10	2°18	21°27	13° 1	18°35	27°38	26° 5	24°40	n.a.	S 7
M 8	18 17 40	2°57'56	16°54	19° 3	15°54	29°37	12°23	2°13	21°24	13° 2	18°34	27°39	26° 2	24°47	n.a.	M 8
T 9	18 21 36	3°55'36	1♐ 9	20°54	17° 1	0♎12	12°36	2° 9	21°22	13° 4	18°33	27°R39	25°59	24°54	n.a.	T 9
W10	18 25 33	4°53'17	15°49	22°47	18° 8	0°47	12°49	2° 4	21°20	13° 6	18°31	27°38	25°55	25° 0	n.a.	W10
T 11	18 29 29	5°50'59	0♑49	24°43	19°16	1°23	13° 1	2° 0	21°18	13° 8	18°30	27°35	25°52	25° 7	n.a.	T 11
F 12	18 33 26	6°48'43	16° 0	26°40	20°23	1°58	13°14	1°55	21°15	13°10	18°29	27°31	25°49	25°14	n.a.	F 12
S 13	18 37 23	7°46'29	1♒14	28°38	21°30	2°34	13°27	1°51	21°13	13°12	18°27	27°25	25°46	25°20	n.a.	S 13
S 14	18 41 19	8°44'16	16°18	0♋37	22°37	3°10	13°40	1°46	21°11	13°13	18°26	27°19	25°43	25°27	n.a.	S 14
M15	18 45 16	9°42'05	1♓ 5	2°37	23°43	3°47	13°52	1°42	21° 9	13°15	18°25	27°14	25°39	25°34	n.a.	M15
T 16	18 49 12	10°39'56	15°29	4°38	24°50	4°23	14° 5	1°38	21° 6	13°17	18°23	27°10	25°36	25°40	n.a.	T 16
W17	18 53 9	11°37'49	29°25	6°38	25°56	5° 0	14°18	1°33	21° 4	13°19	18°22	27° 7	25°33	25°47	n.a.	W17
T 18	18 57 5	12°35'44	12♈56	8°38	27° 2	5°37	14°30	1°29	21° 1	13°21	18°21	27°D 7	25°30	25°54	n.a.	T 18
F 19	19 1 2	13°33'40	26° 1	10°38	28° 8	6°14	14°43	1°24	20°59	13°23	18°20	27° 7	25°27	26° 1	n.a.	F 19
S 20	19 4 58	14°31'39	8♉45	12°37	29°14	6°51	14°55	1°20	20°57	13°25	18°18	27° 9	25°24	26° 7	n.a.	S 20
S 21	19 8 55	15°29'40	21°13	14°35	0♍20	7°29	15° 8	1°16	20°54	13°27	18°17	27°R10	25°20	26°14	n.a.	S 21
M22	19 12 52	16°27'43	3♊26	16°33	1°25	8° 6	15°20	1°11	20°52	13°29	18°16	27° 9	25°17	26°21	n.a.	M22
T 23	19 16 48	17°25'48	15°30	18°30	2°31	8°44	15°32	1° 7	20°50	13°31	18°15	27° 8	25°14	26°27	n.a.	T 23
W24	19 20 45	18°23'55	27°27	20°25	3°36	9°22	15°45	1° 3	20°47	13°33	18°14	27° 4	25°11	26°34	n.a.	W24
T 25	19 24 41	19°22'04	9♋21	22°20	4°41	10° 0	15°57	0°59	20°45	13°35	18°12	26°57	25° 8	26°41	n.a.	T 25
F 26	19 28 38	20°20'15	21°12	24°14	5°46	10°39	16° 9	0°55	20°42	13°37	18°11	26°48	25° 5	26°48	n.a.	F 26
S 27	19 32 34	21°18'27	3♌ 2	26° 6	6°50	11°17	16°21	0°50	20°40	13°40	18°10	26°38	25° 1	26°54	n.a.	S 27
S 28	19 36 31	22°16'41	14°54	27°57	7°55	11°56	16°33	0°46	20°38	13°42	18° 9	26°28	24°58	27° 1	n.a.	S 28
M29	19 40 27	23°14'58	26°49	29°47	8°59	12°35	16°45	0°42	20°35	13°44	18° 8	26°17	24°55	27° 8	n.a.	M29
T 30	19 44 24	24°13'16	8♍49	1♌36	10° 3	13°14	16°57	0°38	20°33	13°46	18° 7	26° 8	24°52	27°14	n.a.	T 30
W31	19 48 20	25♋11'35	20♍57	3♌23	11♍ 6	13♎53	17♊ 9	0♑35	20♑30	13♌48	18♐ 6	26♏ 1	24♏49	27♋21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n47	10n49	5s 8	20n59	1s 0	19n48	1n16	1n 8	0s42	22n26	0s 1	24s 8	0s20	22s42	0s39	18n24	1n13	26s56	3s36	19s58	19s40	17n23			n.a.
T 2	23 48	6 50	5 12	21 26	0 46	19 27	1 13	0 53	0 43	22 28	0 0	24 8	0 20	22 43	0 39	18 24	1 13	26 56	3 36	19 58	19 39	17 21			n.a.
W 3	23 49	2 32	5 3	21 53	0 32	19 5	1 10	0 38	0 45	22 30	0 0	24 8	0 20	22 43	0 39	18 23	1 13	26 56	3 36	19 57	19 39	17 20			n.a.
T 4	23 50	1s57	4 40	22 19	0 19	18 43	1 7	0 23	0 46	22 32	0 0	24 8	0 20	22 43	0 39	18 23	1 13	26 56	3 36	19 57	19 38	17 18			n.a.
F 5	23 50	6 28	4 2	22 45	0 6	18 21	1 4	0 9	0 47	22 34	0 0	24 9	0 20	22 44	0 39	18 22	1 13	26 56	3 36	19 57	19 37	17 16			n.a.
S 6	23 50	10 49	3 12	23 9	0n 7	17 58	1 0	0s 6	0 48	22 36	0 0	24 9	0 20	22 44	0 39	18 22	1 13	26 56	3 36	19 57	19 36	17 15			n.a.
S 7	23 49	14 47	2 10	23 32	0 19	17 35	0 57	0 22	0 49	22 38	0n 0	24 9	0 20	22 44	0 39	18 21	1 13	26 55	3 36	19 57	19 36	17 13			n.a.
M 8	23 48	18 6	0 58	23 53	0 30	17 11	0 54	0 37	0 50	22 39	0 0	24 9	0 20	22 45	0 39	18 21	1 13	26 55	3 36	19 58	19 35	17 12			n.a.
T 9	23 46	20 25	0n19	24 12	0 41	16 47	0 50	0 52	0 52	22 41	0 0	24 9	0 20	22 45	0 39	18 20	1 13	26 55	3 36	19 58	19 34	17 10			n.a.
W10	23 45	21 27	1 37	24 29	0 51	16 23	0 46	1 7	0 53	22 43	0 0	24 9	0 20	22 46	0 39	18 20	1 13	26 55	3 36	19 57	19 33	17 8			n.a.
T 11	23 42	20 59	2 50	24 43	1 0	15 58	0 43	1 23	0 54	22 45	0 1	24 10	0 20	22 46	0 39	18 19	1 13	26 55	3 36	19 57	19 33	17 7			n.a.
F 12	23 39	19 1	3 52	24 56	1 8	15 33	0 39	1 38	0 55	22 46	0 1	24 10	0 21	22 46	0 39	18 18	1 13	26 55	3 36	19 56	19 32	17 5			n.a.
S 13	23 36	15 42	4 38	25 5	1 16	15 7	0 35	1 54	0 56	22 48	0 1	24 10	0 21	22 47	0 39	18 18	1 13	26 55	3 37	19 54	19 31	17 3			n.a.
S 14	23 32	11 23	5 4	25 12	1 22	14 42	0 31	2 9	0 57	22 50	0 1	24 10	0 21	22 47	0 39	18 17	1 13	26 55	3 37	19 53	19 30	17 2			n.a.
M15	23 28	6 28	5 9	25 17	1 28	14 15	0 27	2 25	0 58	22 51	0 1	24 10	0 21	22 48	0 39	18 17	1 13	26 55	3 37	19 52	19 29	17 0			n.a.
T 16	23 24	1 19	4 54	25 18	1 33	13 49	0 23	2 40	0 59	22 53	0 1	24 10	0 21	22 48	0 40	18 16	1 13	26 55	3 37	19 51	19 29	16 58			n.a.
W17	23 19	3n46	4 22	25 17	1 38	13 22	0 18	2 56	1 0	22 55	0 1	24 11	0 21	22 48	0 40	18 16	1 13	26 55	3 37	19 50	19 28	16 57			n.a.
T 18	23 14	8 30	3 36	25 14	1 41	12 55	0 14	3 12	1 1	22 56	0 1	24 11	0 21	22 49	0 40	18 15	1 13	26 55	3 37	19 50	19 27	16 55			n.a.
F 19	23 8	12 42	2 40	25 7	1 44	12 28	0 10	3 28	1 2	22 58	0 1	24 11	0 21	22 49	0 40	18 14	1 13	26 55	3 37	19 50	19 26	16 53			n.a.
S 20	23 2	16 12	1 38	24 59	1 46	12 1	0 5	3 44	1 3	22 59	0 2	24 11	0 21	22 49	0 40	18 14	1 13	26 55	3 37	19 51	19 26	16 52			n.a.
S 21	22 55	18 52	0 32	24 48	1 47	11 33	0 1	4 0	1 4	23 1	0 2	24 11	0 21	22 50	0 40	18 13	1 13	26 54	3 37	19 51	19 25	16 50			n.a.
M22	22 48	20 38	0s34	24 34	1 48	11 5	0s 4	4 16	1 5	23 2	0 2	24 11	0 21	22 50	0 40	18 13	1 13	26 54	3 37	19 51	19 24	16 48			n.a.
T 23	22 41	21 25	1 37	24 19	1 48	10 37	0 9	4 32	1 6	23 4	0 2	24 11	0 22	22 51	0 40	18 12	1 13	26 54	3 37	19 50	19 23	16 47			n.a.
W24	22 33	21 13	2 36	24 1	1 47	10 8	0 14	4 48	1 7	23 5	0 2	24 11	0 22	22 51	0 40	18 11	1 13	26 54	3 37	19 49	19 22	16 45			n.a.
T 25	22 25	20 4	3 27	23 42	1 46	9 40	0 19	5 4	1 8	23 7	0 2	24 12	0 22	22 51	0 40	18 11	1 13	26 54	3 37	19 48	19 22	16 43			n.a.
F 26	22 16	18 3	4 8	23 20	1 44	9 11	0 24	5 20	1 9	23 8	0 2	24 12	0 22	22 52	0 40	18 10	1 13	26 54	3 37	19 46	19 21	16 42			n.a.
S 27	22 7	15 16	4 39	22 57	1 42	8 42	0 29	5 36	1 9	23 10	0 2	24 12	0 22	22 52	0 40	18 10	1 13	26 54	3 37	19 44	19 20	16 40			n.a.
S 28	21 57	11 53	4 58	22 32	1 40	8 13	0 34	5 52	1 10	23 11	0 2	24 12	0 22	22 52	0 40	18 9	1 13	26 54	3 37	19 41	19 19	16 38			n.a.
M29	21 48	8 1	5 4	22 6	1 37	7 44	0 39	6 8	1 11	23 12	0 3	24 12	0 22	22 53	0 40	18 8	1 13	26 54	3 37	19 38	19 19	16 37			n.a.
T 30	21 37	3 49	4 57	21 39	1 33	7 14	0 45	6 24	1 12	23 14	0 3	24 12	0 22	22 53	0 40	18 8	1 13	26 54	3 37	19 36	19 18	16 35			n.a.
W31	21n27	0s35	4s36	21n10	1n29	6n45	0s50	6s41	1s13	23n15	0n 3	24s12	0s22	22s54	0s40	18n 7	1n13	26s54	3s37	19s35	19s17	16n33			n.a.

Julian Day Number = 1286956.5, Delta T = 08h02m49s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'38, Lahiri = -20°22'37 Julian Calendar 1 July 1190 BCE == Greg. Calendar 20 June 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

AUGUST 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 17	26♋ 9'57	3♎15	5♌10	12♍10	14♎32	17♊20	0°R31	20°R28	13♌50	18°R 5	25°R56	24♏45	27♋28	n.a.	T 1
F 2	19 56 14	27° 8'20	15°47	6°55	13°13	15°12	17°32	0♑27	20♑26	13°52	18♐ 4	25♏53	24°42	27°34	n.a.	F 2
S 3	20 0 10	28° 6'45	28°38	8°39	14°16	15°51	17°44	0°23	20°23	13°54	18° 3	25°D52	24°39	27°41	n.a.	S 3
S 4	20 4 7	29° 5'11	11♏50	10°22	15°19	16°31	17°55	0°19	20°21	13°57	18° 2	25°53	24°36	27°48	n.a.	S 4
M 5	20 8 3	0♌ 3'40	25°29	12° 4	16°21	17°11	18° 7	0°16	20°19	13°59	18° 1	25°R53	24°33	27°55	n.a.	M 5
T 6	20 12 0	1° 2'10	9♐34	13°45	17°23	17°51	18°18	0°12	20°16	14° 1	18° 0	25°53	24°30	28° 1	n.a.	T 6
W 7	20 15 56	2° 0'42	24° 7	15°25	18°25	18°31	18°30	0° 9	20°14	14° 3	17°59	25°50	24°26	28° 8	n.a.	W 7
T 8	20 19 53	2°59'16	9♑ 4	17° 3	19°27	19°11	18°41	0° 5	20°12	14° 5	17°58	25°44	24°23	28°15	n.a.	T 8
F 9	20 23 49	3°57'52	24°17	18°41	20°28	19°52	18°52	0° 2	20° 9	14° 8	17°57	25°37	24°20	28°21	n.a.	F 9
S 10	20 27 46	4°56'29	9♒37	20°17	21°29	20°32	19° 3	29♐59	20° 7	14°10	17°56	25°27	24°17	28°28	n.a.	S 10
S 11	20 31 43	5°55'09	24°52	21°53	22°30	21°13	19°14	29°56	20° 5	14°12	17°55	25°17	24°14	28°35	n.a.	S 11
M12	20 35 39	6°53'51	9♓52	23°27	23°30	21°54	19°25	29°52	20° 2	14°14	17°54	25° 7	24°11	28°42	n.a.	M12
T 13	20 39 36	7°52'35	24°27	25° 0	24°30	22°35	19°36	29°49	20° 0	14°16	17°54	24°59	24° 7	28°48	n.a.	T 13
W14	20 43 32	8°51'22	8♈34	26°33	25°29	23°16	19°47	29°46	19°58	14°19	17°53	24°54	24° 4	28°55	n.a.	W14
T 15	20 47 29	9°50'11	22°10	28° 4	26°29	23°57	19°58	29°43	19°56	14°21	17°52	24°51	24° 1	29° 2	n.a.	T 15
F 16	20 51 25	10°49'03	5♉18	29°34	27°27	24°38	20° 8	29°41	19°54	14°23	17°51	24°49	23°58	29° 8	n.a.	F 16
S 17	20 55 22	11°47'57	18° 1	1♍ 4	28°26	25°20	20°19	29°38	19°51	14°25	17°51	24°49	23°55	29°15	n.a.	S 17
S 18	20 59 18	12°46'53	0♊25	2°32	29°24	26° 1	20°29	29°35	19°49	14°28	17°50	24°49	23°51	29°22	n.a.	S 18
M19	21 3 15	13°45'52	12°33	3°59	0♎22	26°43	20°40	29°32	19°47	14°30	17°49	24°48	23°48	29°29	n.a.	M19
T 20	21 7 11	14°44'53	24°31	5°25	1°19	27°25	20°50	29°30	19°45	14°32	17°49	24°45	23°45	29°35	n.a.	T 20
W21	21 11 8	15°43'57	6♋23	6°51	2°15	28° 7	21° 0	29°28	19°43	14°34	17°48	24°39	23°42	29°42	n.a.	W21
T 22	21 15 5	16°43'03	18°13	8°15	3°12	28°49	21°10	29°25	19°41	14°37	17°48	24°30	23°39	29°49	n.a.	T 22
F 23	21 19 1	17°42'11	0♌ 4	9°38	4° 7	29°31	21°20	29°23	19°39	14°39	17°47	24°18	23°36	29°55	n.a.	F 23
S 24	21 22 58	18°41'22	11°57	11° 0	5° 3	0♏13	21°30	29°21	19°37	14°41	17°46	24° 5	23°32	0♌ 2	n.a.	S 24
S 25	21 26 54	19°40'34	23°54	12°20	5°58	0°55	21°40	29°19	19°35	14°43	17°46	23°50	23°29	0° 9	n.a.	S 25
M26	21 30 51	20°39'49	5♍56	13°40	6°52	1°38	21°49	29°17	19°33	14°45	17°45	23°36	23°26	0°16	n.a.	M26
T 27	21 34 47	21°39'06	18° 4	14°58	7°45	2°20	21°59	29°15	19°31	14°48	17°45	23°23	23°23	0°22	n.a.	T 27
W28	21 38 44	22°38'25	0♎20	16°15	8°39	3° 3	22° 8	29°13	19°29	14°50	17°45	23°13	23°20	0°29	n.a.	W28
T 29	21 42 40	23°37'46	12°45	17°30	9°31	3°46	22°18	29°11	19°27	14°52	17°44	23° 5	23°16	0°36	n.a.	T 29
F 30	21 46 37	24°37'09	25°22	18°44	10°23	4°29	22°27	29°10	19°25	14°54	17°44	23° 1	23°13	0°42	n.a.	F 30
S 31	21 50 33	25♌36'34	8♏14	19♍57	11♎14	5♏12	22♊36	29♐ 8	19♑23	14♌57	17♐43	22♏59	23♏10	0♌49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n16	5s 1	4s 3	20n40	1n25	6n16	0s55	6s57	1s13	23n16	0n 3	24s12	0s22	22s54	0s40	18n 6	1n13	26s54	3s37	19s33	19s16	16n32		n.a.
F 2	21 5	9 20	3 17	20 9	1 21	5 46	1 1	7 13	1 14	23 17	0 3	24 12	0 22	22 54	0 40	18 6	1 13	26 54	3 37	19 33	19 15	16 30		n.a.
S 3	20 53	13 20	2 20	19 37	1 16	5 16	1 7	7 29	1 15	23 19	0 3	24 12	0 22	22 55	0 40	18 5	1 13	26 53	3 37	19 33	19 15	16 28		n.a.
S 4	20 41	16 49	1 14	19 4	1 11	4 46	1 12	7 46	1 16	23 20	0 3	24 12	0 22	22 55	0 40	18 5	1 13	26 53	3 37	19 33	19 14	16 26		n.a.
M 5	20 28	19 29	0 2	18 30	1 5	4 17	1 18	8 2	1 16	23 21	0 3	24 13	0 23	22 55	0 40	18 4	1 13	26 53	3 37	19 33	19 13	16 25		n.a.
T 6	20 15	21 4	1n12	17 55	0 59	3 47	1 24	8 18	1 17	23 22	0 3	24 13	0 23	22 56	0 40	18 3	1 13	26 53	3 37	19 33	19 12	16 23		n.a.
W 7	20 2	21 18	2 24	17 20	0 53	3 17	1 29	8 34	1 18	23 23	0 4	24 13	0 23	22 56	0 40	18 3	1 13	26 53	3 37	19 32	19 12	16 21		n.a.
T 8	19 49	20 3	3 28	16 44	0 47	2 47	1 35	8 50	1 18	23 24	0 4	24 13	0 23	22 56	0 40	18 2	1 13	26 53	3 37	19 31	19 11	16 20		n.a.
F 9	19 35	17 22	4 19	16 7	0 41	2 17	1 41	9 7	1 19	23 25	0 4	24 13	0 23	22 57	0 40	18 1	1 13	26 53	3 37	19 29	19 10	16 18		n.a.
S 10	19 21	13 28	4 51	15 30	0 34	1 48	1 47	9 23	1 20	23 26	0 4	24 13	0 23	22 57	0 40	18 1	1 13	26 53	3 37	19 26	19 9	16 16		n.a.
S 11	19 6	8 42	5 2	14 53	0 28	1 18	1 53	9 39	1 20	23 27	0 4	24 13	0 23	22 57	0 40	18 0	1 13	26 53	3 37	19 24	19 8	16 14		n.a.
M12	18 51	3 30	4 52	14 15	0 21	0 48	1 59	9 55	1 21	23 28	0 4	24 13	0 23	22 58	0 40	17 59	1 13	26 53	3 37	19 22	19 8	16 13		n.a.
T 13	18 36	1n47	4 24	13 37	0 14	0 18	2 5	10 11	1 22	23 29	0 4	24 13	0 23	22 58	0 40	17 59	1 13	26 53	3 37	19 20	19 7	16 11		n.a.
W14	18 20	6 48	3 39	12 59	0 7	0s11	2 12	10 27	1 22	23 30	0 4	24 13	0 23	22 58	0 40	17 58	1 13	26 53	3 37	19 18	19 6	16 9		n.a.
T 15	18 5	11 18	2 44	12 20	0s 1	0 41	2 18	10 43	1 23	23 31	0 5	24 13	0 23	22 59	0 40	17 57	1 13	26 53	3 37	19 18	19 5	16 8		n.a.
F 16	17 48	15 6	1 42	11 41	0 8	1 10	2 24	10 59	1 23	23 32	0 5	24 13	0 23	22 59	0 40	17 57	1 13	26 52	3 37	19 17	19 4	16 6		n.a.
S 17	17 32	18 3	0 36	11 2	0 15	1 40	2 30	11 15	1 24	23 33	0 5	24 13	0 23	22 59	0 40	17 56	1 13	26 52	3 37	19 17	19 4	16 4		n.a.
S 18	17 15	20 5	0s30	10 23	0 23	2 9	2 37	11 31	1 25	23 34	0 5	24 13	0 23	23 0	0 40	17 55	1 13	26 52	3 37	19 17	19 3	16 2		n.a.
M19	16 58	21 9	1 32	9 44	0 31	2 38	2 43	11 47	1 25	23 35	0 5	24 13	0 23	23 0	0 40	17 55	1 13	26 52	3 37	19 17	19 2	16 1		n.a.
T 20	16 41	21 13	2 30	9 5	0 38	3 7	2 49	12 3	1 26	23 36	0 5	24 14	0 24	23 0	0 40	17 54	1 13	26 52	3 37	19 16	19 1	15 59		n.a.
W21	16 23	20 20	3 21	8 26	0 46	3 35	2 56	12 19	1 26	23 37	0 5	24 14	0 24	23 1	0 40	17 54	1 13	26 52	3 37	19 15	19 0	15 57		n.a.
T 22	16 5	18 34	4 3	7 47	0 53	4 4	3 2	12 35	1 27	23 37	0 5	24 14	0 24	23 1	0 40	17 53	1 13	26 52	3 37	19 12	19 0	15 55		n.a.
F 23	15 47	16 1	4 34	7 9	1 1	4 32	3 9	12 50	1 27	23 38	0 6	24 14	0 24	23 1	0 40	17 52	1 13	26 52	3 37	19 9	18 59	15 54		n.a.
S 24	15 28	12 48	4 53	6 30	1 9	5 1	3 15	13 6	1 28	23 39	0 6	24 14	0 24	23 2	0 39	17 52	1 13	26 52	3 37	19 6	18 58	15 52		n.a.
S 25	15 10	9 4	4 59	5 52	1 17	5 29	3 21	13 21	1 28	23 40	0 6	24 14	0 24	23 2	0 39	17 51	1 13	26 52	3 37	19 2	18 57	15 50		n.a.
M26	14 50	4 58	4 53	5 14	1 24	5 56	3 28	13 37	1 28	23 41	0 6	24 14	0 24	23 2	0 39	17 50	1 13	26 52	3 37	18 59	18 56	15 48		n.a.
T 27	14 31	0 37	4 33	4 37	1 32	6 24	3 34	13 52	1 29	23 41	0 6	24 14	0 24	23 2	0 39	17 50	1 13	26 52	3 37	18 56	18 56	15 47		n.a.
W28	14 12	3s47	4 0	3 59	1 39	6 51	3 41	14 8	1 29	23 42	0 6	24 14	0 24	23 3	0 39	17 49	1 13	26 52	3 37	18 53	18 55	15 45		n.a.
T 29	13 52	8 6	3 15	3 23	1 47	7 18	3 47	14 23	1 30	23 43	0 6	24 14	0 24	23 3	0 39	17 48	1 13	26 52	3 37	18 51	18 54	15 43		n.a.
F 30	13 32	12 8	2 20	2 47	1 54	7 45	3 54	14 38	1 30	23 43	0 6	24 14	0 24	23 3	0 39	17 48	1 13	26 52	3 37	18 50	18 53	15 41		n.a.
S 31	13n12	15s42	1s17	2n12	2s 1	8s11	4s 0	14s53	1s30	23n44	0n 7	24s14	0s24	23s 3	0s39	17n47	1n13	26s52	3s37	18s49	18s52	15n40		n.a.

Julian Day Number = 1286987.5, Delta T = 08h02m48s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'33, Lahiri = -20°22'33 Julian Calendar 1 Aug. 1190 BCE == Greg. Calendar 21 July 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

SEPTEMBER 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 30	26♌36'01	21♏23	21♍ 7	12♎ 4	5♏55	22♊45	29°R 7	19°R22	14♌59	17°R43	22°R58	23♏ 7	0♌56	n.a.	S 1
M 2	21 58 27	27°35'30	4♐54	22°16	12°54	6°38	22°54	29♐ 5	19♑20	15° 1	17♐43	22♏58	23° 4	1° 3	n.a.	M 2
T 3	22 2 23	28°35'00	18°47	23°23	13°43	7°21	23° 3	29° 4	19°18	15° 3	17°43	22°57	23° 1	1° 9	n.a.	T 3
W 4	22 6 20	29°34'33	3♑ 6	24°27	14°32	8° 5	23°11	29° 3	19°17	15° 5	17°42	22°54	22°57	1°16	n.a.	W 4
T 5	22 10 16	0♍34'08	17°46	25°30	15°19	8°48	23°20	29° 2	19°15	15° 7	17°42	22°48	22°54	1°23	n.a.	T 5
F 6	22 14 13	1°33'44	2♒45	26°29	16° 6	9°31	23°28	29° 1	19°13	15°10	17°42	22°40	22°51	1°29	n.a.	F 6
S 7	22 18 9	2°33'22	17°54	27°26	16°51	10°15	23°36	29° 0	19°12	15°12	17°42	22°30	22°48	1°36	n.a.	S 7
S 8	22 22 6	3°33'03	3♓ 3	28°20	17°36	10°59	23°45	29° 0	19°10	15°14	17°42	22°18	22°45	1°43	n.a.	S 8
M 9	22 26 2	4°32'45	18° 0	29°10	18°20	11°42	23°53	28°59	19° 9	15°16	17°42	22° 7	22°42	1°50	n.a.	M 9
T 10	22 29 59	5°32'30	2♈39	29°57	19° 3	12°26	24° 0	28°58	19° 7	15°18	17°41	21°58	22°38	1°56	n.a.	T 10
W11	22 33 56	6°32'17	16°50	0♎39	19°45	13°10	24° 8	28°58	19° 6	15°20	17°41	21°52	22°35	2° 3	n.a.	W11
T 12	22 37 52	7°32'06	0♉33	1°17	20°25	13°54	24°16	28°58	19° 5	15°22	17°D41	21°47	22°32	2°10	n.a.	T 12
F 13	22 41 49	8°31'57	13°47	1°50	21° 5	14°38	24°23	28°58	19° 3	15°25	17°41	21°46	22°29	2°16	n.a.	F 13
S 14	22 45 45	9°31'52	26°35	2°18	21°43	15°22	24°31	28°57	19° 2	15°27	17°41	21°D46	22°26	2°23	n.a.	S 14
S 15	22 49 42	10°31'48	9♊ 1	2°39	22°21	16° 6	24°38	28°D57	19° 1	15°29	17°42	21°R46	22°22	2°30	n.a.	S 15
M16	22 53 38	11°31'47	21°10	2°54	22°57	16°51	24°45	28°58	19° 0	15°31	17°42	21°45	22°19	2°37	n.a.	M16
T 17	22 57 35	12°31'48	3♋ 8	3°R 2	23°32	17°35	24°52	28°58	18°59	15°33	17°42	21°43	22°16	2°43	n.a.	T 17
W18	23 1 31	13°31'51	14°59	3° 2	24° 5	18°19	24°58	28°58	18°57	15°35	17°42	21°39	22°13	2°50	n.a.	W18
T 19	23 5 28	14°31'57	26°49	2°54	24°37	19° 4	25° 5	28°58	18°56	15°37	17°42	21°32	22°10	2°57	n.a.	T 19
F 20	23 9 24	15°32'05	8♌41	2°36	25° 8	19°48	25°11	28°59	18°55	15°39	17°42	21°22	22° 7	3° 3	n.a.	F 20
S 21	23 13 21	16°32'14	20°38	2°10	25°37	20°33	25°18	29° 0	18°54	15°41	17°43	21°10	22° 3	3°10	n.a.	S 21
S 22	23 17 18	17°32'26	2♍42	1°35	26° 4	21°18	25°24	29° 0	18°54	15°43	17°43	20°58	22° 0	3°17	n.a.	S 22
M23	23 21 14	18°32'40	14°54	0°50	26°30	22° 2	25°30	29° 1	18°53	15°45	17°43	20°45	21°57	3°24	n.a.	M23
T 24	23 25 11	19°32'56	27°15	29♍56	26°54	22°47	25°36	29° 2	18°52	15°47	17°44	20°34	21°54	3°30	n.a.	T 24
W25	23 29 7	20°33'14	9♎46	28°54	27°17	23°32	25°41	29° 3	18°51	15°49	17°44	20°25	21°51	3°37	n.a.	W25
T 26	23 33 4	21°33'34	22°27	27°45	27°37	24°17	25°47	29° 4	18°50	15°51	17°44	20°19	21°47	3°44	n.a.	T 26
F 27	23 37 0	22°33'55	5♏18	26°31	27°56	25° 2	25°52	29° 5	18°50	15°52	17°45	20°16	21°44	3°50	n.a.	F 27
S 28	23 40 57	23°34'18	18°22	25°13	28°13	25°47	25°57	29° 7	18°49	15°54	17°45	20°D15	21°41	3°57	n.a.	S 28
S 29	23 44 53	24°34'43	1♐39	23°54	28°27	26°32	26° 2	29° 8	18°48	15°56	17°46	20°15	21°38	4° 4	n.a.	S 29
M30	23 48 50	25♍35'09	15♐11	22♍36	28♎40	27♏17	26♊ 7	29♐10	18♑48	15♌58	17♐46	20♏16	21♏35	4♌11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n51	18s32	0s 8	1n37	2s 8	8s37	4s 6	15s 8	1s31	23n45	0n 7	24s14	0s24	23s 4	0s39	17n46	1n13	26s52	3s37	18s49	18s51	15n38		n.a.
M 2	12 30	20 26	1n 3	1 3	2 15	9 3	4 13	15 23	1 31	23 45	0 7	24 14	0 24	23 4	0 39	17 46	1 13	26 52	3 37	18 49	18 51	15 36		n.a.
T 3	12 10	21 10	2 12	0 30	2 22	9 28	4 19	15 38	1 31	23 46	0 7	24 14	0 24	23 4	0 39	17 45	1 13	26 51	3 37	18 49	18 50	15 34		n.a.
W 4	11 48	20 33	3 15	0s 2	2 28	9 53	4 25	15 52	1 32	23 46	0 7	24 14	0 24	23 4	0 39	17 44	1 13	26 51	3 37	18 48	18 49	15 33		n.a.
T 5	11 27	18 33	4 7	0 32	2 35	10 17	4 31	16 7	1 32	23 47	0 7	24 14	0 24	23 5	0 39	17 44	1 13	26 51	3 37	18 47	18 48	15 31		n.a.
F 6	11 6	15 17	4 43	1 2	2 41	10 41	4 38	16 21	1 32	23 48	0 7	24 14	0 24	23 5	0 39	17 43	1 13	26 51	3 37	18 45	18 47	15 29		n.a.
S 7	10 44	10 58	5 0	1 30	2 46	11 5	4 44	16 36	1 33	23 48	0 8	24 14	0 24	23 5	0 39	17 43	1 13	26 51	3 37	18 42	18 47	15 27		n.a.
S 8	10 22	5 58	4 55	1 56	2 52	11 28	4 50	16 50	1 33	23 49	0 8	24 14	0 25	23 5	0 39	17 42	1 13	26 51	3 37	18 39	18 46	15 25		n.a.
M 9	10 0	0 40	4 31	2 21	2 56	11 51	4 56	17 4	1 33	23 49	0 8	24 14	0 25	23 5	0 39	17 41	1 13	26 51	3 37	18 36	18 45	15 24		n.a.
T 10	9 38	4n33	3 49	2 44	3 1	12 13	5 2	17 18	1 33	23 50	0 8	24 14	0 25	23 6	0 39	17 41	1 13	26 51	3 37	18 34	18 44	15 22		n.a.
W11	9 16	9 23	2 54	3 5	3 4	12 35	5 8	17 32	1 34	23 50	0 8	24 15	0 25	23 6	0 39	17 40	1 13	26 51	3 37	18 32	18 43	15 20		n.a.
T 12	8 53	13 34	1 50	3 23	3 8	12 56	5 13	17 46	1 34	23 51	0 8	24 15	0 25	23 6	0 39	17 39	1 13	26 51	3 37	18 31	18 42	15 18		n.a.
F 13	8 30	16 54	0 42	3 38	3 10	13 16	5 19	17 59	1 34	23 51	0 8	24 15	0 25	23 6	0 39	17 39	1 13	26 51	3 37	18 30	18 42	15 16		n.a.
S 14	8 7	19 18	0s26	3 51	3 12	13 36	5 25	18 13	1 34	23 52	0 9	24 15	0 25	23 6	0 39	17 38	1 13	26 51	3 37	18 30	18 41	15 15		n.a.
S 15	7 44	20 41	1 30	4 0	3 12	13 55	5 30	18 26	1 34	23 52	0 9	24 15	0 25	23 6	0 39	17 38	1 13	26 51	3 37	18 30	18 40	15 13		n.a.
M16	7 21	21 3	2 29	4 6	3 12	14 14	5 36	18 39	1 35	23 53	0 9	24 15	0 25	23 7	0 39	17 37	1 13	26 51	3 37	18 30	18 39	15 11		n.a.
T 17	6 58	20 27	3 21	4 8	3 11	14 32	5 41	18 52	1 35	23 53	0 9	24 15	0 25	23 7	0 39	17 36	1 14	26 51	3 37	18 30	18 38	15 9		n.a.
W18	6 35	18 57	4 3	4 5	3 8	14 50	5 46	19 5	1 35	23 53	0 9	24 15	0 25	23 7	0 39	17 36	1 14	26 51	3 37	18 29	18 37	15 7		n.a.
T 19	6 11	16 38	4 35	3 58	3 4	15 6	5 51	19 18	1 35	23 54	0 9	24 15	0 25	23 7	0 39	17 35	1 14	26 51	3 37	18 27	18 37	15 6		n.a.
F 20	5 48	13 38	4 55	3 46	2 58	15 22	5 55	19 30	1 35	23 54	0 9	24 15	0 25	23 7	0 39	17 35	1 14	26 51	3 37	18 24	18 36	15 4		n.a.
S 21	5 24	10 5	5 2	3 29	2 51	15 37	6 0	19 43	1 35	23 55	0 10	24 15	0 25	23 7	0 39	17 34	1 14	26 51	3 37	18 21	18 35	15 2		n.a.
S 22	5 0	6 5	4 56	3 6	2 42	15 52	6 4	19 55	1 35	23 55	0 10	24 15	0 25	23 7	0 39	17 34	1 14	26 51	3 37	18 18	18 34	15 0		n.a.
M23	4 36	1 48	4 37	2 38	2 31	16 5	6 8	20 7	1 36	23 55	0 10	24 15	0 25	23 7	0 39	17 33	1 14	26 51	3 37	18 14	18 33	14 58		n.a.
T 24	4 12	2s36	4 4	2 5	2 18	16 18	6 12	20 19	1 36	23 56	0 10	24 15	0 25	23 7	0 39	17 32	1 14	26 51	3 37	18 11	18 32	14 57		n.a.
W25	3 48	6 58	3 19	1 26	2 3	16 29	6 16	20 30	1 36	23 56	0 10	24 15	0 25	23 8	0 39	17 32	1 14	26 51	3 37	18 9	18 32	14 55		n.a.
T 26	3 24	11 5	2 23	0 43	1 47	16 40	6 19	20 42	1 36	23 56	0 10	24 15	0 25	23 8	0 39	17 31	1 14	26 51	3 37	18 7	18 31	14 53		n.a.
F 27	3 0	14 45	1 19	0n 3	1 29	16 50	6 22	20 53	1 36	23 57	0 10	24 15	0 25	23 8	0 39	17 31	1 14	26 51	3 37	18 6	18 30	14 51		n.a.
S 28	2 36	17 44	0 10	0 52	1 10	16 59	6 25	21 4	1 36	23 57	0 11	24 15	0 25	23 8	0 39	17 30	1 14	26 51	3 37	18 6	18 29	14 49		n.a.
S 29	2 11	19 50	1n 1	1 42	0 50	17 6	6 27	21 15	1 36	23 57	0 11	24 15	0 25	23 8	0 39	17 30	1 14	26 51	3 37	18 6	18 28	14 47		n.a.
M30	1n47	20s51	2n10	2n32	0s29	17s13	6s29	21s26	1s36	23n58	0n11	24s15	0s26	23s 8	0s39	17n29	1n14	26s51	3s37	18s 6	18s27	14n46		n.a.

Julian Day Number = 1287018.5, Delta T = 08h02m46s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'29, Lahiri = -20°22'29 Julian Calendar 1 Sept. 1190 BCE == Greg. Calendar 21 Aug. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

OCTOBER 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 52 46	26♍35'37	28♐59	21°R23	28♎50	28♏ 2	26♊12	29♐11	18°R47	16♌ 0	17♐47	20°R16	21♏32	4♌17	n.a.	T 1
W 2	23 56 43	27°36'07	13♑ 5	20♍16	28°59	28°48	26°16	29°13	18♑47	16° 2	17°47	20♏15	21°28	4°24	n.a.	W 2
T 3	0 0 40	28°36'37	27°27	19°16	29° 5	29°33	26°21	29°15	18°47	16° 3	17°48	20°12	21°25	4°31	n.a.	T 3
F 4	0 4 36	29°37'09	12♒ 2	18°27	29° 8	0♐18	26°25	29°17	18°46	16° 5	17°48	20° 6	21°22	4°37	n.a.	F 4
S 5	0 8 33	0♎37'43	26°46	17°49	29°R10	1° 4	26°29	29°19	18°46	16° 7	17°49	19°59	21°19	4°44	n.a.	S 5
S 6	0 12 29	1°38'18	11♓32	17°22	29° 8	1°49	26°32	29°21	18°46	16° 8	17°50	19°51	21°16	4°51	n.a.	S 6
M 7	0 16 26	2°38'55	26°11	17° 8	29° 5	2°35	26°36	29°23	18°46	16°10	17°51	19°44	21°13	4°58	n.a.	M 7
T 8	0 20 22	3°39'33	10♈36	17°D 4	28°59	3°20	26°39	29°26	18°45	16°12	17°51	19°37	21° 9	5° 4	n.a.	T 8
W 9	0 24 19	4°40'13	24°41	17°12	28°50	4° 6	26°43	29°28	18°45	16°13	17°52	19°33	21° 6	5°11	n.a.	W 9
T 10	0 28 15	5°40'54	8♉22	17°30	28°39	4°51	26°46	29°31	18°D45	16°15	17°53	19°30	21° 3	5°18	n.a.	T 10
F 11	0 32 12	6°41'37	21°38	17°57	28°26	5°37	26°49	29°33	18°45	16°17	17°54	19°D29	21° 0	5°24	n.a.	F 11
S 12	0 36 9	7°42'22	4♊30	18°34	28°10	6°22	26°51	29°36	18°45	16°18	17°54	19°30	20°57	5°31	n.a.	S 12
S 13	0 40 5	8°43'09	17° 0	19°18	27°52	7° 8	26°54	29°39	18°46	16°20	17°55	19°32	20°53	5°38	n.a.	S 13
M14	0 44 2	9°43'58	29°13	20° 8	27°32	7°54	26°56	29°42	18°46	16°21	17°56	19°33	20°50	5°45	n.a.	M14
T 15	0 47 58	10°44'48	11♋14	21° 5	27° 9	8°40	26°58	29°45	18°46	16°23	17°57	19°R34	20°47	5°51	n.a.	T 15
W16	0 51 55	11°45'40	23° 7	22° 7	26°44	9°25	27° 0	29°48	18°46	16°24	17°58	19°33	20°44	5°58	n.a.	W16
T 17	0 55 51	12°46'33	4♌59	23°14	26°17	10°11	27° 2	29°51	18°47	16°26	17°59	19°31	20°41	6° 5	n.a.	T 17
F 18	0 59 48	13°47'28	16°52	24°25	25°49	10°57	27° 4	29°54	18°47	16°27	18° 0	19°26	20°38	6°11	n.a.	F 18
S 19	1 3 44	14°48'25	28°52	25°39	25°18	11°43	27° 5	29°58	18°47	16°28	18° 1	19°21	20°34	6°18	n.a.	S 19
S 20	1 7 41	15°49'23	11♍ 1	26°55	24°47	12°29	27° 6	0♑ 1	18°48	16°30	18° 2	19°15	20°31	6°25	n.a.	S 20
M21	1 11 38	16°50'22	23°22	28°15	24°14	13°15	27° 7	0° 5	18°48	16°31	18° 3	19° 9	20°28	6°32	n.a.	M21
T 22	1 15 34	17°51'23	5♎57	29°36	23°39	14° 1	27° 8	0° 9	18°49	16°32	18° 4	19° 3	20°25	6°38	n.a.	T 22
W23	1 19 31	18°52'24	18°45	1♏ 0	23° 4	14°47	27° 8	0°12	18°50	16°34	18° 5	18°59	20°22	6°45	n.a.	W23
T 24	1 23 27	19°53'28	1♏47	2°24	22°28	15°33	27° 9	0°16	18°50	16°35	18° 7	18°56	20°18	6°52	n.a.	T 24
F 25	1 27 24	20°54'32	15° 2	3°50	21°52	16°19	27°R 9	0°20	18°51	16°36	18° 8	18°D55	20°15	6°59	n.a.	F 25
S 26	1 31 20	21°55'37	28°28	5°18	21°16	17° 5	27° 9	0°24	18°52	16°37	18° 9	18°55	20°12	7° 5	n.a.	S 26
S 27	1 35 17	22°56'43	12♐ 6	6°46	20°40	17°51	27° 9	0°28	18°53	16°38	18°10	18°56	20° 9	7°12	n.a.	S 27
M28	1 39 13	23°57'50	25°53	8°14	20° 4	18°37	27° 8	0°32	18°54	16°39	18°11	18°58	20° 6	7°19	n.a.	M28
T 29	1 43 10	24°58'57	9♑50	9°44	19°28	19°23	27° 8	0°37	18°55	16°41	18°13	18°59	20° 3	7°25	n.a.	T 29
W30	1 47 7	26° 0'05	23°54	11°14	18°54	20° 9	27° 7	0°41	18°56	16°42	18°14	19°R 0	19°59	7°32	n.a.	W30
T 31	1 51 3	27♎ 1'14	8♒ 5	12♎44	18♎21	20♐55	27♊ 6	0♑45	18♑57	16♌43	18♐15	19♏ 0	19♏56	7♌39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n23	20s37	3n12	3n21	0s 8	17s18	6s31	21s36	1s36	23n58	0n11	24s15	0s26	23s 8	0s39	17n29	1n14	26s51	3s37	18s 6	18s27	14n44		n.a.
W 2	0 58	19 7	4 5	4 6	0n12	17 23	6 32	21 47	1 36	23 58	0 11	24 16	0 26	23 8	0 39	17 28	1 14	26 51	3 36	18 6	18 26	14 42		n.a.
T 3	0 34	16 23	4 43	4 47	0 31	17 26	6 33	21 57	1 36	23 58	0 11	24 16	0 26	23 8	0 39	17 28	1 14	26 51	3 36	18 5	18 25	14 40		n.a.
F 4	0 9	12 36	5 4	5 24	0 49	17 27	6 34	22 7	1 36	23 59	0 12	24 16	0 26	23 8	0 39	17 27	1 14	26 51	3 36	18 4	18 24	14 38		n.a.
S 5	0s15	8 1	5 5	5 54	1 6	17 28	6 33	22 16	1 36	23 59	0 12	24 16	0 26	23 8	0 39	17 27	1 14	26 51	3 36	18 2	18 23	14 36		n.a.
S 6	0 40	2 58	4 45	6 18	1 21	17 27	6 33	22 26	1 36	23 59	0 12	24 16	0 26	23 8	0 39	17 26	1 14	26 51	3 36	18 0	18 22	14 35		n.a.
M 7	1 4	2n14	4 8	6 36	1 34	17 24	6 32	22 35	1 36	24 0	0 12	24 16	0 26	23 8	0 39	17 26	1 14	26 52	3 36	17 58	18 22	14 33		n.a.
T 8	1 29	7 14	3 14	6 48	1 45	17 21	6 30	22 44	1 36	24 0	0 12	24 16	0 26	23 8	0 39	17 25	1 14	26 52	3 36	17 56	18 21	14 31		n.a.
W 9	1 53	11 44	2 10	6 54	1 55	17 15	6 28	22 53	1 35	24 0	0 12	24 16	0 26	23 8	0 39	17 25	1 14	26 52	3 36	17 54	18 20	14 29		n.a.
T 10	2 18	15 28	1 0	6 54	2 3	17 9	6 25	23 1	1 35	24 0	0 13	24 16	0 26	23 8	0 38	17 24	1 14	26 52	3 36	17 54	18 19	14 27		n.a.
F 11	2 42	18 17	0s12	6 49	2 9	17 0	6 21	23 9	1 35	24 1	0 13	24 16	0 26	23 8	0 38	17 24	1 14	26 52	3 36	17 54	18 18	14 25		n.a.
S 12	3 6	20 4	1 21	6 39	2 14	16 51	6 17	23 17	1 35	24 1	0 13	24 16	0 26	23 8	0 38	17 24	1 14	26 52	3 36	17 54	18 17	14 24		n.a.
S 13	3 31	20 48	2 24	6 24	2 17	16 39	6 12	23 25	1 35	24 1	0 13	24 16	0 26	23 8	0 38	17 23	1 14	26 52	3 36	17 54	18 16	14 22		n.a.
M14	3 55	20 31	3 19	6 6	2 19	16 26	6 6	23 33	1 35	24 1	0 13	24 16	0 26	23 8	0 38	17 23	1 15	26 52	3 36	17 55	18 16	14 20		n.a.
T 15	4 19	19 18	4 4	5 44	2 20	16 12	6 0	23 40	1 35	24 1	0 13	24 16	0 26	23 8	0 38	17 22	1 15	26 52	3 36	17 55	18 15	14 18		n.a.
W16	4 43	17 14	4 39	5 19	2 20	15 56	5 53	23 47	1 35	24 2	0 14	24 16	0 26	23 8	0 38	17 22	1 15	26 52	3 36	17 55	18 14	14 16		n.a.
T 17	5 8	14 28	5 1	4 52	2 20	15 39	5 45	23 54	1 34	24 2	0 14	24 16	0 26	23 8	0 38	17 21	1 15	26 52	3 36	17 54	18 13	14 14		n.a.
F 18	5 32	11 6	5 11	4 22	2 18	15 20	5 37	24 1	1 34	24 2	0 14	24 16	0 26	23 7	0 38	17 21	1 15	26 52	3 36	17 53	18 12	14 12		n.a.
S 19	5 56	7 16	5 7	3 50	2 15	15 0	5 27	24 7	1 34	24 2	0 14	24 16	0 26	23 7	0 38	17 21	1 15	26 52	3 36	17 51	18 11	14 11		n.a.
S 20	6 20	3 6	4 49	3 16	2 12	14 39	5 17	24 13	1 34	24 2	0 14	24 16	0 26	23 7	0 38	17 20	1 15	26 52	3 36	17 50	18 10	14 9		n.a.
M21	6 43	1s16	4 18	2 40	2 9	14 17	5 6	24 19	1 34	24 3	0 15	24 16	0 26	23 7	0 38	17 20	1 15	26 53	3 36	17 48	18 10	14 7		n.a.
T 22	7 7	5 39	3 33	2 4	2 5	13 53	4 55	24 24	1 34	24 3	0 15	24 16	0 26	23 7	0 38	17 20	1 15	26 53	3 36	17 46	18 9	14 5		n.a.
W23	7 31	9 53	2 38	1 26	2 0	13 28	4 43	24 30	1 33	24 3	0 15	24 17	0 26	23 7	0 38	17 19	1 15	26 53	3 36	17 45	18 8	14 3		n.a.
T 24	7 54	13 44	1 33	0 47	1 55	13 3	4 30	24 35	1 33	24 3	0 15	24 17	0 26	23 7	0 38	17 19	1 15	26 53	3 36	17 44	18 7	14 1		n.a.
F 25	8 18	16 57	0 21	0 8	1 50	12 37	4 17	24 39	1 33	24 3	0 15	24 17	0 27	23 7	0 38	17 19	1 15	26 53	3 36	17 44	18 6	13 59		n.a.
S 26	8 41	19 18	0n52	0s33	1 44	12 10	4 3	24 44	1 33	24 4	0 15	24 17	0 27	23 7	0 38	17 18	1 15	26 53	3 36	17 44	18 5	13 57		n.a.
S 27	9 4	20 34	2 4	1 13	1 39	11 43	3 49	24 48	1 32	24 4	0 16	24 17	0 27	23 6	0 38	17 18	1 15	26 53	3 36	17 44	18 4	13 56		n.a.
M28	9 27	20 37	3 9	1 54	1 33	11 16	3 34	24 52	1 32	24 4	0 16	24 17	0 27	23 6	0 38	17 18	1 15	26 53	3 36	17 45	18 4	13 54		n.a.
T 29	9 50	19 24	4 4	2 36	1 26	10 48	3 19	24 56	1 32	24 4	0 16	24 17	0 27	23 6	0 38	17 17	1 15	26 53	3 36	17 45	18 3	13 52		n.a.
W30	10 12	17 0	4 45	3 17	1 20	10 21	3 4	24 59	1 32	24 4	0 16	24 17	0 27	23 6	0 38	17 17	1 15	26 53	3 36	17 45	18 2	13 50		n.a.
T 31	10s35	13s34	5n 9	3s59	1n14	9s54	2s49	25s 2	1s31	24n 4	0n16	24s17	0s27	23s 6	0s38	17n17	1n15	26s54	3s36	17s45	18s 1	13n48		n.a.

Julian Day Number = 1287048.5, Delta T = 08h02m44s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'25, Lahiri = -20°22'25 Julian Calendar 1 Oct. 1190 BCE == Greg. Calendar 20 Sept. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

NOVEMBER 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 55 0	28♎ 2'23	22♒21	14♎15	17°R48	21♐42	27°R 4	0♑50	18♑58	16♌44	18♐17	18°R58	19♏53	7♌46	n.a.	F 1
S 2	1 58 56	29° 3'32	6♓39	15°47	17♎18	22°28	27♊ 3	0°54	18°59	16°45	18°18	18♏56	19°50	7°52	n.a.	S 2
S 3	2 2 53	0♏ 4'43	20°55	17°18	16°49	23°14	27° 1	0°59	19° 0	16°46	18°19	18°53	19°47	7°59	n.a.	S 3
M 4	2 6 49	1° 5'53	5♈ 4	18°50	16°21	24° 0	27° 0	1° 4	19° 1	16°46	18°21	18°51	19°44	8° 6	n.a.	M 4
T 5	2 10 46	2° 7'04	19° 3	20°22	15°56	24°46	26°58	1° 9	19° 3	16°47	18°22	18°48	19°40	8°12	n.a.	T 5
W 6	2 14 42	3° 8'16	2♉48	21°54	15°33	25°32	26°55	1°13	19° 4	16°48	18°24	18°47	19°37	8°19	n.a.	W 6
T 7	2 18 39	4° 9'29	16°15	23°26	15°12	26°19	26°53	1°18	19° 5	16°49	18°25	18°D46	19°34	8°26	n.a.	T 7
F 8	2 22 36	5°10'42	29°22	24°59	14°54	27° 5	26°50	1°23	19° 7	16°50	18°27	18°47	19°31	8°33	n.a.	F 8
S 9	2 26 32	6°11'55	12♊11	26°31	14°38	27°51	26°48	1°29	19° 8	16°50	18°28	18°47	19°28	8°39	n.a.	S 9
S 10	2 30 29	7°13'10	24°42	28° 4	14°24	28°37	26°45	1°34	19°10	16°51	18°30	18°49	19°24	8°46	n.a.	S 10
M11	2 34 25	8°14'25	6♋57	29°37	14°13	29°23	26°41	1°39	19°11	16°52	18°31	18°50	19°21	8°53	n.a.	M11
T 12	2 38 22	9°15'41	19° 0	1♏10	14° 5	0♑10	26°38	1°44	19°13	16°52	18°33	18°51	19°18	9° 0	n.a.	T 12
W13	2 42 18	10°16'57	0♌56	2°44	13°58	0°56	26°35	1°50	19°15	16°53	18°34	18°51	19°15	9° 6	n.a.	W13
T 14	2 46 15	11°18'14	12°48	4°17	13°55	1°42	26°31	1°55	19°16	16°54	18°36	18°R51	19°12	9°13	n.a.	T 14
F 15	2 50 12	12°19'32	24°42	5°51	13°D54	2°28	26°27	2° 1	19°18	16°54	18°37	18°51	19° 9	9°20	n.a.	F 15
S 16	2 54 8	13°20'50	6♍42	7°25	13°55	3°15	26°23	2° 6	19°20	16°55	18°39	18°51	19° 5	9°26	n.a.	S 16
S 17	2 58 5	14°22'08	18°53	8°59	13°59	4° 1	26°19	2°12	19°22	16°55	18°41	18°50	19° 2	9°33	n.a.	S 17
M18	3 2 1	15°23'27	1♎18	10°33	14° 5	4°47	26°14	2°17	19°24	16°56	18°42	18°50	18°59	9°40	n.a.	M18
T 19	3 5 58	16°24'46	14° 0	12° 8	14°14	5°33	26°10	2°23	19°26	16°56	18°44	18°49	18°56	9°47	n.a.	T 19
W20	3 9 54	17°26'06	27° 1	13°42	14°25	6°19	26° 5	2°29	19°28	16°56	18°46	18°49	18°53	9°53	n.a.	W20
T 21	3 13 51	18°27'25	10♏22	15°17	14°37	7° 6	26° 0	2°35	19°30	16°57	18°47	18°49	18°50	10° 0	n.a.	T 21
F 22	3 17 47	19°28'45	24° 1	16°53	14°53	7°52	25°55	2°41	19°32	16°57	18°49	18°49	18°46	10° 7	n.a.	F 22
S 23	3 21 44	20°30'05	7♐55	18°28	15°10	8°38	25°49	2°47	19°34	16°57	18°51	18°49	18°43	10°13	n.a.	S 23
S 24	3 25 41	21°31'25	22° 2	20° 4	15°29	9°24	25°44	2°53	19°36	16°57	18°53	18°49	18°40	10°20	n.a.	S 24
M25	3 29 37	22°32'44	6♑17	21°41	15°50	10°10	25°38	2°59	19°38	16°58	18°54	18°48	18°37	10°27	n.a.	M25
T 26	3 33 34	23°34'03	20°36	23°17	16°13	10°56	25°33	3° 5	19°40	16°58	18°56	18°48	18°34	10°34	n.a.	T 26
W27	3 37 30	24°35'21	4♒54	24°54	16°38	11°43	25°27	3°11	19°43	16°58	18°58	18°47	18°30	10°40	n.a.	W27
T 28	3 41 27	25°36'39	19° 9	26°32	17° 5	12°29	25°21	3°18	19°45	16°58	19° 0	18°D47	18°27	10°47	n.a.	T 28
F 29	3 45 23	26°37'56	3♓18	28° 9	17°33	13°15	25°15	3°24	19°47	16°58	19° 1	18°47	18°24	10°54	n.a.	F 29
S 30	3 49 20	27♏39'13	17♓19	29♏47	18♎ 3	14♑ 1	25♊ 8	3♑30	19♑50	16°R58	19♐ 3	18♏47	18♏21	11♌ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s57	9s20	5n14	4s41	1n 7	9s27	2s33	25s 5	1s31	24n 5	0n17	24s17	0s27	23s 6	0s38	17n17	1n15	26s54	3s36	17s45	18s 0	13n46		n.a.
S 2	11 19	4 35	5 0	5 23	1 0	9 1	2 17	25 7	1 31	24 5	0 17	24 17	0 27	23 5	0 38	17 16	1 15	26 54	3 36	17 44	17 59	13 44		n.a.
S 3	11 41	0n26	4 27	6 5	0 54	8 35	2 2	25 10	1 30	24 5	0 17	24 17	0 27	23 5	0 38	17 16	1 15	26 54	3 36	17 44	17 58	13 42		n.a.
M 4	12 3	5 23	3 38	6 46	0 47	8 10	1 46	25 12	1 30	24 5	0 17	24 17	0 27	23 5	0 38	17 16	1 16	26 54	3 36	17 43	17 57	13 41		n.a.
T 5	12 24	10 0	2 37	7 28	0 40	7 46	1 31	25 13	1 30	24 5	0 17	24 17	0 27	23 5	0 38	17 16	1 16	26 54	3 36	17 42	17 57	13 39		n.a.
W 6	12 46	14 0	1 27	8 9	0 33	7 23	1 15	25 15	1 29	24 5	0 17	24 17	0 27	23 5	0 38	17 15	1 16	26 54	3 36	17 42	17 56	13 37		n.a.
T 7	13 7	17 12	0 14	8 50	0 26	7 1	1 0	25 16	1 29	24 5	0 18	24 17	0 27	23 4	0 38	17 15	1 16	26 55	3 36	17 42	17 55	13 35		n.a.
F 8	13 28	19 24	0s58	9 31	0 20	6 40	0 45	25 17	1 29	24 6	0 18	24 17	0 27	23 4	0 38	17 15	1 16	26 55	3 36	17 42	17 54	13 33		n.a.
S 9	13 48	20 33	2 6	10 12	0 13	6 20	0 31	25 17	1 28	24 6	0 18	24 17	0 27	23 4	0 38	17 15	1 16	26 55	3 36	17 42	17 53	13 31		n.a.
S 10	14 9	20 38	3 6	10 52	0 6	6 1	0 17	25 18	1 28	24 6	0 18	24 17	0 27	23 4	0 38	17 15	1 16	26 55	3 36	17 42	17 52	13 29		n.a.
M11	14 29	19 43	3 56	11 32	0s 1	5 44	0 3	25 18	1 28	24 6	0 18	24 17	0 27	23 3	0 38	17 15	1 16	26 55	3 36	17 43	17 51	13 27		n.a.
T 12	14 49	17 55	4 35	12 11	0 7	5 28	0n11	25 17	1 27	24 6	0 19	24 17	0 27	23 3	0 38	17 14	1 16	26 55	3 36	17 43	17 50	13 25		n.a.
W13	15 9	15 22	5 2	12 50	0 14	5 14	0 24	25 17	1 27	24 6	0 19	24 17	0 27	23 3	0 38	17 14	1 16	26 55	3 36	17 43	17 50	13 23		n.a.
T 14	15 28	12 13	5 15	13 29	0 20	5 1	0 37	25 16	1 26	24 6	0 19	24 17	0 27	23 3	0 38	17 14	1 16	26 56	3 36	17 43	17 49	13 22		n.a.
F 15	15 47	8 33	5 15	14 7	0 27	4 49	0 49	25 15	1 26	24 6	0 19	24 17	0 27	23 2	0 38	17 14	1 16	26 56	3 36	17 43	17 48	13 20		n.a.
S 16	16 6	4 32	5 2	14 44	0 33	4 39	1 1	25 13	1 26	24 6	0 19	24 17	0 27	23 2	0 37	17 14	1 16	26 56	3 36	17 43	17 47	13 18		n.a.
S 17	16 25	0 16	4 35	15 21	0 39	4 30	1 12	25 11	1 25	24 6	0 20	24 16	0 28	23 2	0 37	17 14	1 16	26 56	3 36	17 43	17 46	13 16		n.a.
M18	16 43	4s 6	3 54	15 57	0 45	4 22	1 23	25 9	1 25	24 7	0 20	24 16	0 28	23 1	0 37	17 14	1 16	26 56	3 36	17 42	17 45	13 14		n.a.
T 19	17 1	8 23	3 1	16 32	0 51	4 16	1 33	25 7	1 24	24 7	0 20	24 16	0 28	23 1	0 37	17 14	1 16	26 56	3 36	17 42	17 44	13 12		n.a.
W20	17 19	12 25	1 58	17 7	0 57	4 11	1 44	25 5	1 24	24 7	0 20	24 16	0 28	23 1	0 37	17 14	1 16	26 57	3 36	17 42	17 43	13 10		n.a.
T 21	17 36	15 55	0 47	17 41	1 3	4 7	1 53	25 2	1 23	24 7	0 20	24 16	0 28	23 0	0 37	17 14	1 16	26 57	3 36	17 42	17 42	13 8		n.a.
F 22	17 53	18 37	0n29	18 15	1 8	4 5	2 2	24 59	1 23	24 7	0 21	24 16	0 28	23 0	0 37	17 14	1 16	26 57	3 36	17 42	17 42	13 6		n.a.
S 23	18 10	20 17	1 44	18 47	1 14	4 4	2 11	24 55	1 23	24 7	0 21	24 16	0 28	23 0	0 37	17 14	1 17	26 57	3 37	17 42	17 41	13 4		n.a.
S 24	18 27	20 42	2 54	19 19	1 19	4 3	2 19	24 52	1 22	24 7	0 21	24 16	0 28	22 59	0 37	17 13	1 17	26 57	3 37	17 42	17 40	13 2		n.a.
M25	18 43	19 47	3 54	19 50	1 24	4 4	2 27	24 48	1 22	24 7	0 21	24 16	0 28	22 59	0 37	17 13	1 17	26 58	3 37	17 42	17 39	13 0		n.a.
T 26	18 58	17 37	4 40	20 19	1 28	4 7	2 35	24 43	1 21	24 7	0 21	24 16	0 28	22 59	0 37	17 13	1 17	26 58	3 37	17 42	17 38	12 59		n.a.
W27	19 14	14 22	5 8	20 48	1 33	4 10	2 42	24 39	1 21	24 7	0 21	24 16	0 28	22 58	0 37	17 13	1 17	26 58	3 37	17 42	17 37	12 57		n.a.
T 28	19 29	10 18	5 17	21 16	1 37	4 14	2 48	24 34	1 20	24 7	0 22	24 16	0 28	22 58	0 37	17 14	1 17	26 58	3 37	17 42	17 36	12 55		n.a.
F 29	19 43	5 42	5 7	21 43	1 41	4 19	2 55	24 29	1 20	24 7	0 22	24 15	0 28	22 58	0 37	17 14	1 17	26 58	3 37	17 42	17 35	12 53		n.a.
S 30	19s58	0s49	4n39	22s 9	1s45	4s25	3n 0	24s24	1s19	24n 7	0n22	24s15	0s28	22s57	0s37	17n14	1n17	26s58	3s37	17s42	17s34	12n51		n.a.

Julian Day Number = 1287079.5, Delta T = 08h02m43s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'21, Lahiri = -20°22'20 Julian Calendar 1 Nov. 1190 BCE == Greg. Calendar 21 Oct. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1190 BCE
geocentric

DECEMBER 1190 BCE (-1189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 53 16	28♏40'29	1♈11	1♐26	18♎34	14♑47	25°R 2	3♑37	19♑52	16°R58	19♐ 5	18♏48	18♏18	11♌ 7	n.a.	S 1
M 2	3 57 13	29°41'44	14°52	3° 5	19° 7	15°33	24♊55	3°43	19°54	16♌58	19° 7	18°49	18°15	11°14	n.a.	M 2
T 3	4 1 10	0♐42'59	28°21	4°44	19°42	16°19	24°49	3°49	19°57	16°58	19° 9	18°50	18°11	11°21	n.a.	T 3
W 4	4 5 6	1°44'13	11♉38	6°24	20°18	17° 5	24°42	3°56	19°59	16°58	19°11	18°51	18° 8	11°27	n.a.	W 4
T 5	4 9 3	2°45'26	24°43	8° 4	20°55	17°51	24°35	4° 3	20° 2	16°58	19°12	18°R51	18° 5	11°34	n.a.	T 5
F 6	4 12 59	3°46'39	7♊33	9°44	21°33	18°37	24°28	4° 9	20° 5	16°57	19°14	18°50	18° 2	11°41	n.a.	F 6
S 7	4 16 56	4°47'51	20°11	11°25	22°13	19°23	24°21	4°16	20° 7	16°57	19°16	18°48	17°59	11°48	n.a.	S 7
S 8	4 20 52	5°49'03	2♋35	13° 6	22°54	20° 9	24°14	4°23	20°10	16°57	19°18	18°46	17°56	11°54	n.a.	S 8
M 9	4 24 49	6°50'14	14°47	14°48	23°36	20°55	24° 6	4°29	20°13	16°57	19°20	18°43	17°52	12° 1	n.a.	M 9
T 10	4 28 46	7°51'25	26°50	16°30	24°19	21°41	23°59	4°36	20°15	16°56	19°22	18°40	17°49	12° 8	n.a.	T 10
W11	4 32 42	8°52'35	8♌46	18°11	25° 4	22°27	23°52	4°43	20°18	16°56	19°24	18°37	17°46	12°14	n.a.	W11
T 12	4 36 39	9°53'44	20°38	19°53	25°49	23°13	23°44	4°50	20°21	16°56	19°26	18°35	17°43	12°21	n.a.	T 12
F 13	4 40 35	10°54'53	2♍31	21°36	26°35	23°58	23°36	4°56	20°24	16°55	19°28	18°34	17°40	12°28	n.a.	F 13
S 14	4 44 32	11°56'01	14°29	23°17	27°23	24°44	23°29	5° 3	20°27	16°55	19°29	18°D33	17°36	12°35	n.a.	S 14
S 15	4 48 28	12°57'09	26°37	24°59	28°11	25°30	23°21	5°10	20°29	16°54	19°31	18°34	17°33	12°41	n.a.	S 15
M16	4 52 25	13°58'16	9♎ 0	26°40	29° 0	26°16	23°13	5°17	20°32	16°54	19°33	18°35	17°30	12°48	n.a.	M16
T 17	4 56 21	14°59'22	21°42	28°21	29°49	27° 1	23° 5	5°24	20°35	16°53	19°35	18°37	17°27	12°55	n.a.	T 17
W18	5 0 18	16° 0'27	4♏47	0♑ 1	0♏40	27°47	22°57	5°31	20°38	16°53	19°37	18°39	17°24	13° 2	n.a.	W18
T 19	5 4 15	17° 1'32	18°16	1°40	1°31	28°33	22°49	5°38	20°41	16°52	19°39	18°R39	17°21	13° 8	n.a.	T 19
F 20	5 8 11	18° 2'35	2♐10	3°17	2°24	29°19	22°41	5°45	20°44	16°51	19°41	18°39	17°17	13°15	n.a.	F 20
S 21	5 12 8	19° 3'38	16°27	4°53	3°16	0♒ 4	22°33	5°52	20°47	16°51	19°43	18°36	17°14	13°22	n.a.	S 21
S 22	5 16 4	20° 4'40	1♑ 1	6°26	4°10	0°50	22°25	6° 0	20°50	16°50	19°45	18°33	17°11	13°28	n.a.	S 22
M23	5 20 1	21° 5'40	15°46	7°56	5° 4	1°35	22°17	6° 7	20°53	16°49	19°47	18°28	17° 8	13°35	n.a.	M23
T 24	5 23 57	22° 6'39	0♒34	9°24	5°59	2°21	22° 9	6°14	20°56	16°48	19°49	18°23	17° 5	13°42	n.a.	T 24
W25	5 27 54	23° 7'36	15°17	10°47	6°54	3° 6	22° 1	6°21	21° 0	16°48	19°51	18°18	17° 2	13°49	n.a.	W25
T 26	5 31 51	24° 8'32	29°50	12° 6	7°50	3°52	21°53	6°28	21° 3	16°47	19°52	18°14	16°58	13°55	n.a.	T 26
F 27	5 35 47	25° 9'26	14♓ 7	13°19	8°46	4°37	21°45	6°35	21° 6	16°46	19°54	18°12	16°55	14° 2	n.a.	F 27
S 28	5 39 44	26°10'19	28° 5	14°27	9°43	5°23	21°37	6°43	21° 9	16°45	19°56	18°D11	16°52	14° 9	n.a.	S 28
S 29	5 43 40	27°11'10	11♈46	15°28	10°41	6° 8	21°30	6°50	21°12	16°44	19°58	18°12	16°49	14°16	n.a.	S 29
M30	5 47 37	28°11'59	25° 9	16°21	11°39	6°53	21°22	6°57	21°15	16°43	20° 0	18°14	16°46	14°22	n.a.	M30
T 31	5 51 33	29♐12'46	8♉17	17♑ 6	12♏37	7♒39	21♊14	7♑ 4	21♑19	16♌42	20♐ 2	18♏15	16♏42	14♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s12	4n 3	3n54	22s33	1s48	4s32	3n 6	24s18	1s19	24n 7	0n22	24s15	0s28	22s57	0s37	17n14	1n17	26s59	3s37	17s42	17s34	12n49			n.a.
M 2	20 25	8 40	2 57	22 56	1 51	4 40	3 11	24 12	1 18	24 6	0 22	24 15	0 28	22 57	0 37	17 14	1 17	26 59	3 37	17 42	17 33	12 47			n.a.
T 3	20 38	12 47	1 51	23 18	1 54	4 49	3 16	24 6	1 18	24 6	0 23	24 15	0 28	22 56	0 37	17 14	1 17	26 59	3 37	17 43	17 32	12 45			n.a.
W 4	20 51	16 12	0 40	23 39	1 57	4 58	3 20	24 0	1 17	24 6	0 23	24 15	0 28	22 56	0 37	17 14	1 17	26 59	3 37	17 43	17 31	12 43			n.a.
T 5	21 3	18 44	0s32	23 58	1 59	5 8	3 25	23 53	1 17	24 6	0 23	24 15	0 28	22 55	0 37	17 14	1 17	26 59	3 37	17 43	17 30	12 41			n.a.
F 6	21 15	20 16	1 42	24 16	2 0	5 19	3 28	23 46	1 16	24 6	0 23	24 15	0 28	22 55	0 37	17 14	1 17	27 0	3 37	17 43	17 29	12 39			n.a.
S 7	21 27	20 44	2 45	24 32	2 2	5 31	3 32	23 39	1 16	24 6	0 23	24 14	0 29	22 55	0 37	17 14	1 17	27 0	3 37	17 42	17 28	12 37			n.a.
S 8	21 38	20 10	3 39	24 47	2 3	5 43	3 35	23 32	1 15	24 6	0 23	24 14	0 29	22 54	0 37	17 14	1 17	27 0	3 37	17 42	17 27	12 35			n.a.
M 9	21 49	18 40	4 22	24 59	2 3	5 56	3 38	23 24	1 14	24 6	0 24	24 14	0 29	22 54	0 37	17 14	1 17	27 0	3 37	17 41	17 26	12 33			n.a.
T 10	21 59	16 21	4 52	25 11	2 3	6 10	3 41	23 16	1 14	24 5	0 24	24 14	0 29	22 53	0 37	17 15	1 17	27 1	3 37	17 40	17 25	12 31			n.a.
W11	22 9	13 23	5 10	25 20	2 3	6 24	3 43	23 8	1 13	24 5	0 24	24 14	0 29	22 53	0 37	17 15	1 17	27 1	3 37	17 39	17 25	12 30			n.a.
T 12	22 18	9 53	5 15	25 28	2 2	6 39	3 45	23 0	1 13	24 5	0 24	24 13	0 29	22 52	0 37	17 15	1 18	27 1	3 37	17 38	17 24	12 28			n.a.
F 13	22 27	6 0	5 6	25 34	2 0	6 54	3 47	22 51	1 12	24 5	0 24	24 13	0 29	22 52	0 37	17 15	1 18	27 1	3 37	17 38	17 23	12 26			n.a.
S 14	22 36	1 52	4 43	25 37	1 58	7 10	3 49	22 42	1 12	24 5	0 24	24 13	0 29	22 52	0 37	17 15	1 18	27 1	3 38	17 38	17 22	12 24			n.a.
S 15	22 44	2s25	4 8	25 39	1 55	7 26	3 50	22 33	1 11	24 4	0 25	24 13	0 29	22 51	0 37	17 16	1 18	27 2	3 38	17 38	17 21	12 22			n.a.
M16	22 51	6 41	3 21	25 39	1 52	7 42	3 51	22 24	1 11	24 4	0 25	24 13	0 29	22 51	0 37	17 16	1 18	27 2	3 38	17 39	17 20	12 20			n.a.
T 17	22 58	10 48	2 23	25 37	1 47	7 59	3 52	22 15	1 10	24 4	0 25	24 12	0 29	22 50	0 37	17 16	1 18	27 2	3 38	17 39	17 19	12 18			n.a.
W18	23 5	14 31	1 15	25 32	1 42	8 16	3 53	22 5	1 9	24 4	0 25	24 12	0 29	22 50	0 37	17 16	1 18	27 2	3 38	17 39	17 18	12 16			n.a.
T 19	23 11	17 35	0 2	25 26	1 37	8 33	3 53	21 55	1 9	24 3	0 25	24 12	0 29	22 49	0 37	17 16	1 18	27 3	3 38	17 40	17 17	12 14			n.a.
F 20	23 17	19 44	1n13	25 18	1 30	8 51	3 53	21 45	1 8	24 3	0 25	24 12	0 29	22 49	0 37	17 17	1 18	27 3	3 38	17 39	17 16	12 12			n.a.
S 21	23 22	20 42	2 26	25 7	1 23	9 9	3 54	21 34	1 8	24 3	0 26	24 11	0 29	22 48	0 37	17 17	1 18	27 3	3 38	17 39	17 15	12 10			n.a.
S 22	23 27	20 19	3 31	24 55	1 14	9 28	3 53	21 24	1 7	24 3	0 26	24 11	0 29	22 48	0 37	17 17	1 18	27 3	3 38	17 38	17 15	12 8			n.a.
M23	23 32	18 32	4 22	24 41	1 5	9 46	3 53	21 13	1 7	24 2	0 26	24 11	0 29	22 47	0 37	17 17	1 18	27 3	3 38	17 36	17 14	12 6			n.a.
T 24	23 36	15 32	4 57	24 25	0 55	10 5	3 53	21 2	1 6	24 2	0 26	24 11	0 30	22 47	0 37	17 18	1 18	27 4	3 38	17 35	17 13	12 4			n.a.
W25	23 39	11 34	5 11	24 7	0 44	10 24	3 52	20 51	1 5	24 2	0 26	24 10	0 30	22 46	0 37	17 18	1 18	27 4	3 38	17 34	17 12	12 2			n.a.
T 26	23 42	6 58	5 5	23 48	0 32	10 43	3 51	20 39	1 5	24 1	0 26	24 10	0 30	22 46	0 37	17 18	1 18	27 4	3 38	17 33	17 11	12 0			n.a.
F 27	23 45	2 3	4 40	23 28	0 19	11 2	3 50	20 28	1 4	24 1	0 27	24 10	0 30	22 45	0 37	17 19	1 18	27 4	3 39	17 32	17 10	11 58			n.a.
S 28	23 47	2n53	3 59	23 8	0 5	11 21	3 49	20 16	1 4	24 0	0 27	24 9	0 30	22 45	0 37	17 19	1 18	27 5	3 39	17 32	17 9	11 56			n.a.
S 29	23 48	7 34	3 5	22 46	0n 9	11 40	3 48	20 4	1 3	24 0	0 27	24 9	0 30	22 44	0 37	17 19	1 18	27 5	3 39	17 32	17 8	11 54			n.a.
M30	23 49	11 47	2 2	22 24	0 25	12 0	3 46	19 52	1 2	24 0	0 27	24 9	0 30	22 44	0 37	17 20	1 18	27 5	3 39	17 32	17 7	11 52			n.a.
T 31	23s50	15n21	0n54	22s 2	0n41	12s19	3n44	19s39	1s 2	23n59	0n27	24s 8	0s30	22s43	0s37	17n20	1n18	27s 5	3s39	17s33	17s 6	11n50			n.a.

Julian Day Number = 1287109.5, Delta T = 08h02m41s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'17, Lahiri = -20°22'16 Julian Calendar 1 Dec. 1190 BCE == Greg. Calendar 20 Nov. 1190 BCE

The year -1189 astronomical counting style corresponds to year 1190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

JANUARY 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 55 30	0♑13'32	21♉11	17♑42	13♏36	8♒24	21°R 6	7♑12	21♑22	16°R41	20♐ 4	18°R15	16♏39	14♌36	n.a.	W 1
T 2	5 59 26	1°14'16	3♊53	18° 8	14°35	9° 9	20♊58	7°19	21°25	16♌40	20° 6	18♏14	16°36	14°42	n.a.	T 2
F 3	6 3 23	2°14'58	16°24	18°24	15°35	9°54	20°50	7°26	21°29	16°39	20° 8	18°11	16°33	14°49	n.a.	F 3
S 4	6 7 20	3°15'39	28°46	18°R30	16°35	10°39	20°43	7°33	21°32	16°38	20°10	18° 5	16°30	14°56	n.a.	S 4
S 5	6 11 16	4°16'18	10♋59	18°24	17°35	11°25	20°35	7°41	21°35	16°37	20°11	17°57	16°27	15° 3	n.a.	S 5
M 6	6 15 13	5°16'56	23° 5	18° 8	18°36	12°10	20°27	7°48	21°38	16°36	20°13	17°48	16°23	15° 9	n.a.	M 6
T 7	6 19 9	6°17'31	5♌ 4	17°42	19°38	12°55	20°20	7°55	21°42	16°35	20°15	17°38	16°20	15°16	n.a.	T 7
W 8	6 23 6	7°18'06	16°58	17° 6	20°39	13°40	20°13	8° 3	21°45	16°33	20°17	17°29	16°17	15°23	n.a.	W 8
T 9	6 27 2	8°18'39	28°50	16°22	21°41	14°25	20° 5	8°10	21°49	16°32	20°19	17°21	16°14	15°30	n.a.	T 9
F 10	6 30 59	9°19'10	10♍42	15°29	22°44	15° 9	19°58	8°17	21°52	16°31	20°21	17°14	16°11	15°36	n.a.	F 10
S 11	6 34 55	10°19'39	22°38	14°31	23°46	15°54	19°51	8°24	21°55	16°30	20°23	17°10	16° 7	15°43	n.a.	S 11
S 12	6 38 52	11°20'08	4♎43	13°28	24°49	16°39	19°44	8°32	21°59	16°29	20°24	17° 8	16° 4	15°50	n.a.	S 12
M13	6 42 49	12°20'34	17° 1	12°22	25°52	17°24	19°37	8°39	22° 2	16°27	20°26	17°D 8	16° 1	15°56	n.a.	M13
T 14	6 46 45	13°20'59	29°38	11°15	26°56	18° 9	19°30	8°46	22° 5	16°26	20°28	17° 9	15°58	16° 3	n.a.	T 14
W15	6 50 42	14°21'23	12♏38	10° 9	28° 0	18°53	19°24	8°54	22° 9	16°25	20°30	17°R10	15°55	16°10	n.a.	W15
T 16	6 54 38	15°21'45	26° 5	9° 4	29° 4	19°38	19°17	9° 1	22°12	16°23	20°32	17°10	15°52	16°17	n.a.	T 16
F 17	6 58 35	16°22'05	10♐ 0	8° 4	0♐ 8	20°23	19°10	9° 8	22°16	16°22	20°33	17° 7	15°48	16°23	n.a.	F 17
S 18	7 2 31	17°22'24	24°24	7° 7	1°12	21° 7	19° 4	9°16	22°19	16°21	20°35	17° 3	15°45	16°30	n.a.	S 18
S 19	7 6 28	18°22'41	9♑12	6°17	2°17	21°52	18°58	9°23	22°23	16°19	20°37	16°55	15°42	16°37	n.a.	S 19
M20	7 10 24	19°22'56	24°17	5°33	3°22	22°36	18°52	9°30	22°26	16°18	20°39	16°46	15°39	16°44	n.a.	M20
T 21	7 14 21	20°23'09	9♒29	4°55	4°27	23°21	18°46	9°37	22°29	16°16	20°40	16°36	15°36	16°50	n.a.	T 21
W22	7 18 18	21°23'20	24°37	4°25	5°33	24° 5	18°40	9°44	22°33	16°15	20°42	16°27	15°33	16°57	n.a.	W22
T 23	7 22 14	22°23'29	9♓32	4° 2	6°38	24°50	18°35	9°52	22°36	16°13	20°44	16°19	15°29	17° 4	n.a.	T 23
F 24	7 26 11	23°23'35	24° 5	3°45	7°44	25°34	18°29	9°59	22°40	16°12	20°45	16°13	15°26	17°10	n.a.	F 24
S 25	7 30 7	24°23'39	8♈14	3°36	8°50	26°18	18°24	10° 6	22°43	16°10	20°47	16°10	15°23	17°17	n.a.	S 25
S 26	7 34 4	25°23'41	21°58	3°D33	9°56	27° 2	18°19	10°13	22°47	16° 9	20°49	16°D 9	15°20	17°24	n.a.	S 26
M27	7 38 0	26°23'40	5♉17	3°37	11° 2	27°47	18°14	10°20	22°50	16° 7	20°50	16° 9	15°17	17°31	n.a.	M27
T 28	7 41 57	27°23'37	18°15	3°46	12° 9	28°31	18° 9	10°27	22°54	16° 6	20°52	16°R 9	15°13	17°37	n.a.	T 28
W29	7 45 53	28°23'32	0♊56	4° 2	13°15	29°15	18° 4	10°35	22°57	16° 4	20°54	16° 8	15°10	17°44	n.a.	W29
T 30	7 49 50	29°23'24	13°24	4°23	14°22	29°59	18° 0	10°42	23° 0	16° 3	20°55	16° 5	15° 7	17°51	n.a.	T 30
F 31	7 53 47	0♒23'15	25♊40	4♑48	15♐29	0♓43	17♊55	10♑49	23♑ 4	16♌ 1	20♐57	15♏59	15♏ 4	17♌57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s50	18n 6	0 s16	21 s41	0n58	12 s39	3n43	19 s27	1 s 1	23n59	0n27	24 s 8	0 s30	22 s43	0 s37	17n20	1n19	27 s 6	3 s39	17 s33	17 s 5	11n48		n.a.
T 2	23 50	19 54	1 24	21 20	1 15	12 58	3 41	19 14	1 0	23 58	0 27	24 8	0 30	22 42	0 37	17 21	1 19	27 6	3 39	17 33	17 4	11 46		n.a.
F 3	23 49	20 42	2 26	21 1	1 33	13 17	3 39	19 1	1 0	23 58	0 27	24 7	0 30	22 42	0 37	17 21	1 19	27 6	3 39	17 32	17 4	11 44		n.a.
S 4	23 48	20 29	3 21	20 43	1 50	13 37	3 37	18 48	0 59	23 58	0 28	24 7	0 30	22 41	0 37	17 21	1 19	27 6	3 39	17 30	17 3	11 42		n.a.
S 5	23 46	19 17	4 6	20 26	2 8	13 56	3 34	18 35	0 59	23 57	0 28	24 7	0 30	22 41	0 37	17 22	1 19	27 7	3 39	17 28	17 2	11 40		n.a.
M 6	23 44	17 15	4 39	20 12	2 25	14 15	3 32	18 21	0 58	23 57	0 28	24 6	0 30	22 40	0 37	17 22	1 19	27 7	3 40	17 25	17 1	11 39		n.a.
T 7	23 41	14 29	4 59	19 59	2 41	14 34	3 29	18 8	0 57	23 56	0 28	24 6	0 31	22 39	0 37	17 23	1 19	27 7	3 40	17 22	17 0	11 37		n.a.
W 8	23 38	11 9	5 6	19 48	2 56	14 53	3 27	17 54	0 57	23 56	0 28	24 6	0 31	22 39	0 37	17 23	1 19	27 7	3 40	17 20	16 59	11 35		n.a.
T 9	23 34	7 23	5 0	19 40	3 10	15 12	3 24	17 40	0 56	23 56	0 28	24 5	0 31	22 38	0 37	17 23	1 19	27 8	3 40	17 17	16 58	11 33		n.a.
F 10	23 30	3 21	4 41	19 34	3 22	15 31	3 21	17 26	0 55	23 55	0 28	24 5	0 31	22 38	0 37	17 24	1 19	27 8	3 40	17 16	16 57	11 31		n.a.
S 11	23 25	0 s51	4 10	19 30	3 33	15 49	3 18	17 12	0 55	23 55	0 28	24 5	0 31	22 37	0 37	17 24	1 19	27 8	3 40	17 14	16 56	11 29		n.a.
S 12	23 20	5 4	3 27	19 29	3 41	16 8	3 15	16 58	0 54	23 54	0 29	24 4	0 31	22 37	0 37	17 25	1 19	27 8	3 40	17 14	16 55	11 27		n.a.
M13	23 15	9 10	2 34	19 29	3 47	16 26	3 12	16 43	0 53	23 54	0 29	24 4	0 31	22 36	0 37	17 25	1 19	27 9	3 40	17 14	16 54	11 25		n.a.
T 14	23 9	12 58	1 33	19 31	3 51	16 44	3 9	16 29	0 53	23 53	0 29	24 3	0 31	22 36	0 37	17 25	1 19	27 9	3 40	17 14	16 53	11 23		n.a.
W15	23 3	16 16	0 24	19 35	3 52	17 1	3 6	16 14	0 52	23 53	0 29	24 3	0 31	22 35	0 37	17 26	1 19	27 9	3 41	17 14	16 52	11 21		n.a.
T 16	22 56	18 49	0n48	19 40	3 51	17 19	3 2	15 59	0 52	23 52	0 29	24 2	0 31	22 34	0 37	17 26	1 19	27 9	3 41	17 14	16 51	11 19		n.a.
F 17	22 49	20 21	1 59	19 47	3 49	17 36	2 59	15 44	0 51	23 52	0 29	24 2	0 31	22 34	0 37	17 27	1 19	27 10	3 41	17 13	16 51	11 17		n.a.
S 18	22 41	20 38	3 5	19 55	3 44	17 53	2 56	15 29	0 50	23 52	0 29	24 2	0 31	22 33	0 37	17 27	1 19	27 10	3 41	17 12	16 50	11 15		n.a.
S 19	22 33	19 31	4 1	20 4	3 38	18 9	2 52	15 14	0 50	23 51	0 29	24 1	0 31	22 33	0 37	17 28	1 19	27 10	3 41	17 10	16 49	11 13		n.a.
M20	22 24	17 1	4 40	20 13	3 30	18 25	2 48	14 59	0 49	23 51	0 29	24 1	0 32	22 32	0 37	17 28	1 19	27 10	3 41	17 7	16 48	11 11		n.a.
T 21	22 15	13 20	5 1	20 24	3 21	18 41	2 45	14 43	0 48	23 50	0 29	24 0	0 32	22 32	0 37	17 29	1 19	27 11	3 41	17 5	16 47	11 9		n.a.
W22	22 6	8 49	5 0	20 35	3 11	18 57	2 41	14 27	0 48	23 50	0 29	24 0	0 32	22 31	0 37	17 29	1 19	27 11	3 41	17 2	16 46	11 7		n.a.
T 23	21 56	3 50	4 39	20 47	3 0	19 12	2 37	14 12	0 47	23 49	0 30	23 59	0 32	22 30	0 37	17 30	1 19	27 11	3 42	16 59	16 45	11 5		n.a.
F 24	21 46	1n17	4 0	20 59	2 48	19 26	2 33	13 56	0 46	23 49	0 30	23 59	0 32	22 30	0 37	17 30	1 19	27 11	3 42	16 58	16 44	11 3		n.a.
S 25	21 36	6 11	3 7	21 11	2 36	19 41	2 29	13 40	0 46	23 49	0 30	23 58	0 32	22 29	0 37	17 31	1 19	27 12	3 42	16 57	16 43	11 1		n.a.
S 26	21 25	10 37	2 5	21 24	2 23	19 54	2 26	13 24	0 45	23 48	0 30	23 58	0 32	22 29	0 37	17 31	1 19	27 12	3 42	16 56	16 42	10 59		n.a.
M27	21 13	14 24	0 57	21 36	2 11	20 8	2 22	13 8	0 44	23 48	0 30	23 57	0 32	22 28	0 37	17 32	1 19	27 12	3 42	16 57	16 41	10 57		n.a.
T 28	21 1	17 22	0 s11	21 49	1 58	20 21	2 18	12 52	0 44	23 48	0 30	23 57	0 32	22 28	0 37	17 32	1 19	27 13	3 42	16 57	16 40	10 55		n.a.
W29	20 49	19 25	1 18	22 1	1 45	20 33	2 14	12 36	0 43	23 47	0 30	23 57	0 32	22 27	0 37	17 33	1 19	27 13	3 42	16 56	16 39	10 53		n.a.
T 30	20 37	20 29	2 19	22 13	1 32	20 45	2 9	12 19	0 42	23 47	0 30	23 56	0 32	22 26	0 37	17 33	1 20	27 13	3 43	16 55	16 38	10 51		n.a.
F 31	20 s24	20n33	3 s13	22 s25	1n20	20 s57	2n 5	12 s 3	0 s42	23n47	0n30	23 s56	0 s33	22 s26	0 s37	17n34	1n20	27 s13	3 s43	16 s54	16 s37	10n49		n.a.

Julian Day Number = 1287140.5, Delta T = 08h02m39s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'13, Lahiri = -20°22'12 Julian Calendar 1 Jan. 1189 BCE == Greg. Calendar 21 Dec. 1190 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

FEBRUARY 1189 BCE (-1188) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s11	19n39	3s57	22s36	1n 7	21s 8	2n 1	11s46	0s41	23n46	0n30	23s55	0s33	22s25	0s37	17n34	1n20	27s14	3s43	16s51	16s36	10n47		n.a.
S 2	19 57	17 53	4 31	22 47	0 55	21 19	1 57	11 30	0 40	23 46	0 30	23 55	0 33	22 25	0 37	17 35	1 20	27 14	3 43	16 48	16 35	10 45		n.a.
M 3	19 43	15 21	4 52	22 57	0 43	21 29	1 53	11 13	0 40	23 46	0 30	23 54	0 33	22 24	0 37	17 35	1 20	27 14	3 43	16 44	16 35	10 43		n.a.
T 4	19 29	12 12	5 0	23 6	0 32	21 38	1 49	10 56	0 39	23 45	0 30	23 54	0 33	22 24	0 37	17 36	1 20	27 14	3 43	16 40	16 34	10 41		n.a.
W 5	19 14	8 34	4 55	23 15	0 20	21 47	1 45	10 40	0 38	23 45	0 30	23 53	0 33	22 23	0 37	17 36	1 20	27 15	3 43	16 35	16 33	10 39		n.a.
T 6	18 59	4 38	4 37	23 23	0 9	21 56	1 40	10 23	0 38	23 45	0 31	23 53	0 33	22 22	0 37	17 37	1 20	27 15	3 44	16 32	16 32	10 37		n.a.
F 7	18 44	0 30	4 7	23 30	0s 2	22 4	1 36	10 6	0 37	23 45	0 31	23 52	0 33	22 22	0 37	17 37	1 20	27 15	3 44	16 28	16 31	10 35		n.a.
S 8	18 29	3s41	3 26	23 35	0 12	22 11	1 32	9 49	0 36	23 44	0 31	23 52	0 33	22 21	0 37	17 38	1 20	27 15	3 44	16 26	16 30	10 33		n.a.
S 9	18 13	7 46	2 36	23 40	0 22	22 18	1 28	9 32	0 36	23 44	0 31	23 51	0 33	22 21	0 37	17 38	1 20	27 16	3 44	16 25	16 29	10 31		n.a.
M10	17 57	11 35	1 37	23 44	0 31	22 24	1 24	9 15	0 35	23 44	0 31	23 51	0 34	22 20	0 37	17 39	1 20	27 16	3 44	16 24	16 28	10 29		n.a.
T 11	17 40	15 0	0 32	23 47	0 41	22 30	1 19	8 57	0 34	23 44	0 31	23 50	0 34	22 20	0 37	17 39	1 20	27 16	3 44	16 24	16 27	10 27		n.a.
W12	17 23	17 46	0n36	23 48	0 49	22 35	1 15	8 40	0 34	23 44	0 31	23 49	0 34	22 19	0 37	17 40	1 20	27 16	3 45	16 24	16 26	10 25		n.a.
T 13	17 6	19 41	1 44	23 48	0 58	22 39	1 11	8 23	0 33	23 43	0 31	23 49	0 34	22 18	0 37	17 40	1 20	27 17	3 45	16 24	16 25	10 23		n.a.
F 14	16 49	20 30	2 49	23 47	1 6	22 43	1 7	8 6	0 32	23 43	0 31	23 48	0 34	22 18	0 37	17 41	1 20	27 17	3 45	16 23	16 24	10 21		n.a.
S 15	16 31	20 3	3 45	23 45	1 14	22 46	1 3	7 48	0 32	23 43	0 31	23 48	0 34	22 17	0 37	17 41	1 20	27 17	3 45	16 21	16 23	10 19		n.a.
S 16	16 13	18 15	4 29	23 41	1 21	22 49	0 58	7 31	0 31	23 43	0 31	23 47	0 34	22 17	0 37	17 42	1 20	27 17	3 45	16 19	16 22	10 17		n.a.
M17	15 55	15 10	4 54	23 36	1 28	22 50	0 54	7 14	0 30	23 43	0 31	23 47	0 34	22 16	0 37	17 42	1 20	27 18	3 45	16 16	16 21	10 15		n.a.
T 18	15 37	11 1	5 0	23 30	1 34	22 52	0 50	6 56	0 30	23 43	0 31	23 46	0 34	22 16	0 37	17 43	1 20	27 18	3 46	16 12	16 20	10 13		n.a.
W19	15 18	6 9	4 43	23 22	1 40	22 52	0 46	6 39	0 29	23 43	0 31	23 46	0 34	22 15	0 37	17 43	1 20	27 18	3 46	16 9	16 19	10 10		n.a.
T 20	14 59	0 57	4 7	23 12	1 45	22 52	0 42	6 21	0 28	23 43	0 31	23 45	0 35	22 14	0 37	17 44	1 20	27 18	3 46	16 6	16 18	10 8		n.a.
F 21	14 40	4n12	3 15	23 1	1 51	22 52	0 38	6 3	0 28	23 43	0 31	23 45	0 35	22 14	0 37	17 44	1 20	27 19	3 46	16 4	16 17	10 6		n.a.
S 22	14 21	8 58	2 11	22 48	1 55	22 51	0 34	5 46	0 27	23 43	0 31	23 44	0 35	22 13	0 37	17 45	1 20	27 19	3 46	16 3	16 16	10 4		n.a.
S 23	14 1	13 5	1 2	22 34	1 59	22 49	0 30	5 28	0 27	23 43	0 31	23 44	0 35	22 13	0 37	17 45	1 20	27 19	3 46	16 2	16 15	10 2		n.a.
M24	13 41	16 23	0s 9	22 18	2 3	22 46	0 26	5 11	0 26	23 43	0 31	23 43	0 35	22 12	0 37	17 46	1 20	27 19	3 47	16 2	16 14	10 0		n.a.
T 25	13 21	18 44	1 17	22 1	2 6	22 43	0 22	4 53	0 25	23 43	0 31	23 43	0 35	22 12	0 37	17 46	1 20	27 20	3 47	16 2	16 13	9 58		n.a.
W26	13 1	20 5	2 19	21 42	2 9	22 39	0 18	4 35	0 25	23 43	0 31	23 42	0 35	22 11	0 37	17 47	1 20	27 20	3 47	16 2	16 12	9 56		n.a.
T 27	12 41	20 25	3 13	21 21	2 12	22 35	0 14	4 18	0 24	23 43	0 31	23 42	0 35	22 11	0 37	17 47	1 20	27 20	3 47	16 1	16 12	9 54		n.a.
F 28	12 20	19 47	3 58	20 58	2 13	22 30	0 11	4 0	0 23	23 43	0 31	23 41	0 35	22 10	0 37	17 48	1 20	27 20	3 47	15 59	16 11	9 52		n.a.
S 29	12s 0	18n15	4s31	20s34	2s15	22s24	0n 7	3s42	0s23	23n44	0n32	23s41	0s36	22s10	0s37	17n48	1n20	27s21	3s48	15s57	16s10	9n50		n.a.

Julian Day Number = 1287171.5, Delta T = 08h02m38s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'08, Lahiri = -20°22'08 Julian Calendar 1 Feb. 1189 BCE == Greg. Calendar 21 Jan. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

MARCH 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 3	0♓ 1'57	28♋51	10♒15	19♉51	22♓22	17♊11	14♉ 4	24♉41	15°R12	21♐34	12°R40	13♏29	21♌19	n.a.	S 1
M 2	9 56 0	1° 0'40	10♌44	11°55	21° 1	23° 5	17°13	14° 9	24°44	15♌11	21°35	12♏28	13°25	21°26	n.a.	M 2
T 3	9 59 56	1°59'20	22°37	13°36	22°11	23°47	17°14	14°15	24°47	15° 9	21°36	12°15	13°22	21°33	n.a.	T 3
W 4	10 3 53	2°57'58	4♍30	15°19	23°21	24°30	17°16	14°21	24°49	15° 8	21°37	12° 2	13°19	21°39	n.a.	W 4
T 5	10 7 49	3°56'34	16°25	17° 3	24°31	25°12	17°18	14°26	24°52	15° 6	21°38	11°50	13°16	21°46	n.a.	T 5
F 6	10 11 46	4°55'08	28°24	18°49	25°41	25°54	17°20	14°32	24°55	15° 4	21°39	11°41	13°13	21°53	n.a.	F 6
S 7	10 15 42	5°53'40	10♎28	20°37	26°51	26°37	17°23	14°37	24°58	15° 3	21°39	11°34	13°10	22° 0	n.a.	S 7
S 8	10 19 39	6°52'11	22°39	22°26	28° 2	27°19	17°25	14°43	25° 1	15° 1	21°40	11°30	13° 6	22° 6	n.a.	S 8
M 9	10 23 35	7°50'39	5♏ 2	24°16	29°12	28° 1	17°28	14°48	25° 3	15° 0	21°41	11°28	13° 3	22°13	n.a.	M 9
T 10	10 27 32	8°49'06	17°38	26° 8	0♒22	28°44	17°31	14°53	25° 6	14°58	21°42	11°D28	13° 0	22°20	n.a.	T 10
W11	10 31 28	9°47'31	0♐32	28° 2	1°33	29°26	17°34	14°59	25° 9	14°57	21°42	11°29	12°57	22°26	n.a.	W11
T 12	10 35 25	10°45'54	13°48	29°57	2°43	0♈ 8	17°37	15° 4	25°12	14°55	21°43	11°R29	12°54	22°33	n.a.	T 12
F 13	10 39 22	11°44'15	27°28	1♓54	3°54	0°50	17°40	15° 9	25°14	14°54	21°43	11°28	12°50	22°40	n.a.	F 13
S 14	10 43 18	12°42'35	11♉34	3°52	5° 5	1°32	17°44	15°14	25°17	14°53	21°44	11°25	12°47	22°47	n.a.	S 14
S 15	10 47 15	13°40'54	26° 6	5°52	6°15	2°14	17°48	15°19	25°19	14°51	21°45	11°19	12°44	22°53	n.a.	S 15
M16	10 51 11	14°39'10	10♒59	7°54	7°26	2°56	17°52	15°24	25°22	14°50	21°45	11°12	12°41	23° 0	n.a.	M16
T 17	10 55 8	15°37'25	26° 7	9°56	8°37	3°38	17°56	15°29	25°24	14°48	21°46	11° 4	12°38	23° 7	n.a.	T 17
W18	10 59 4	16°35'38	11♓20	12° 1	9°48	4°20	18° 0	15°33	25°27	14°47	21°46	10°56	12°35	23°13	n.a.	W18
T 19	11 3 1	17°33'48	26°27	14° 6	10°58	5° 1	18° 5	15°38	25°29	14°46	21°46	10°48	12°31	23°20	n.a.	T 19
F 20	11 6 57	18°31'57	11♈19	16°12	12° 9	5°43	18° 9	15°43	25°32	14°44	21°47	10°43	12°28	23°27	n.a.	F 20
S 21	11 10 54	19°30'05	25°47	18°20	13°20	6°25	18°14	15°47	25°34	14°43	21°47	10°40	12°25	23°34	n.a.	S 21
S 22	11 14 50	20°28'10	9♉49	20°28	14°31	7° 7	18°19	15°52	25°36	14°42	21°48	10°D39	12°22	23°40	n.a.	S 22
M23	11 18 47	21°26'13	23°22	22°37	15°42	7°48	18°24	15°56	25°39	14°41	21°48	10°40	12°19	23°47	n.a.	M23
T 24	11 22 44	22°24'14	6♊28	24°46	16°53	8°30	18°29	16° 0	25°41	14°39	21°48	10°41	12°16	23°54	n.a.	T 24
W25	11 26 40	23°22'13	19°11	26°55	18° 4	9°11	18°35	16° 5	25°43	14°38	21°49	10°R42	12°12	24° 1	n.a.	W25
T 26	11 30 37	24°20'10	1♋35	29° 4	19°15	9°53	18°40	16° 9	25°45	14°37	21°49	10°41	12° 9	24° 7	n.a.	T 26
F 27	11 34 33	25°18'05	13°45	1♈13	20°26	10°34	18°46	16°13	25°47	14°36	21°49	10°40	12° 6	24°14	n.a.	F 27
S 28	11 38 30	26°15'58	25°44	3°21	21°38	11°16	18°52	16°17	25°49	14°35	21°49	10°36	12° 3	24°21	n.a.	S 28
S 29	11 42 26	27°13'49	7♌38	5°28	22°49	11°57	18°58	16°21	25°51	14°33	21°49	10°30	12° 0	24°27	n.a.	S 29
M30	11 46 23	28°11'38	19°30	7°34	24° 0	12°38	19° 4	16°25	25°53	14°32	21°49	10°23	11°56	24°34	n.a.	M30
T 31	11 50 19	29♓ 9'26	1♍22	9♈38	25♒11	13♈20	19♊10	16♉28	25♉55	14♌31	21♐50	10♏16	11♏53	24♌41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s39	15n57	4s53	20s 8	2s16	22s17	0n 3	3s25	0s22	23n44	0n32	23s40	0s36	22s 9	0s37	17n49	1n20	27s21	3s48	15s54	16s 9	9n48		n.a.
M 2	11 18	13 0	5 1	19 40	2 16	22 10	0s 1	3 7	0 21	23 44	0 32	23 40	0 36	22 9	0 37	17 49	1 20	27 21	3 48	15 50	16 8	9 46		n.a.
T 3	10 56	9 32	4 56	19 11	2 16	22 3	0 4	2 49	0 21	23 44	0 32	23 39	0 36	22 8	0 37	17 50	1 20	27 21	3 48	15 46	16 7	9 44		n.a.
W 4	10 35	5 42	4 39	18 40	2 15	21 54	0 8	2 32	0 20	23 44	0 32	23 39	0 36	22 8	0 37	17 50	1 20	27 22	3 48	15 42	16 6	9 42		n.a.
T 5	10 13	1 38	4 9	18 7	2 14	21 46	0 11	2 14	0 19	23 45	0 32	23 38	0 36	22 7	0 37	17 51	1 20	27 22	3 48	15 38	16 5	9 40		n.a.
F 6	9 52	2s31	3 28	17 32	2 13	21 36	0 15	1 56	0 19	23 45	0 32	23 38	0 36	22 7	0 37	17 51	1 20	27 22	3 49	15 35	16 4	9 38		n.a.
S 7	9 30	6 36	2 37	16 55	2 11	21 26	0 18	1 39	0 18	23 45	0 32	23 37	0 36	22 6	0 37	17 52	1 20	27 22	3 49	15 33	16 3	9 36		n.a.
S 8	9 8	10 28	1 38	16 16	2 8	21 15	0 22	1 21	0 17	23 45	0 32	23 37	0 37	22 6	0 37	17 52	1 20	27 23	3 49	15 32	16 2	9 34		n.a.
M 9	8 46	13 57	0 34	15 36	2 5	21 4	0 25	1 3	0 17	23 46	0 32	23 36	0 37	22 5	0 37	17 52	1 20	27 23	3 49	15 31	16 1	9 32		n.a.
T 10	8 24	16 51	0n33	14 54	2 1	20 52	0 28	0 46	0 16	23 46	0 32	23 36	0 37	22 5	0 37	17 53	1 20	27 23	3 49	15 31	16 0	9 30		n.a.
W11	8 1	18 58	1 40	14 10	1 57	20 39	0 31	0 28	0 15	23 46	0 32	23 35	0 37	22 4	0 37	17 53	1 20	27 23	3 50	15 31	15 59	9 28		n.a.
T 12	7 39	20 7	2 44	13 25	1 52	20 26	0 35	0 10	0 15	23 47	0 32	23 35	0 37	22 4	0 38	17 54	1 20	27 23	3 50	15 32	15 58	9 26		n.a.
F 13	7 16	20 8	3 40	12 37	1 46	20 12	0 38	0n 7	0 14	23 47	0 32	23 34	0 37	22 3	0 38	17 54	1 20	27 24	3 50	15 31	15 57	9 24		n.a.
S 14	6 54	18 55	4 25	11 48	1 40	19 58	0 41	0 25	0 14	23 47	0 32	23 34	0 37	22 3	0 38	17 55	1 20	27 24	3 50	15 30	15 56	9 22		n.a.
S 15	6 31	16 27	4 55	10 57	1 34	19 43	0 44	0 42	0 13	23 48	0 32	23 34	0 37	22 2	0 38	17 55	1 20	27 24	3 50	15 28	15 55	9 20		n.a.
M16	6 8	12 52	5 5	10 5	1 27	19 28	0 47	1 0	0 12	23 48	0 32	23 33	0 38	22 2	0 38	17 55	1 20	27 24	3 50	15 26	15 54	9 18		n.a.
T 17	5 45	8 24	4 55	9 11	1 19	19 12	0 49	1 17	0 12	23 48	0 32	23 33	0 38	22 1	0 38	17 56	1 20	27 25	3 51	15 24	15 53	9 16		n.a.
W18	5 23	3 22	4 24	8 16	1 11	18 55	0 52	1 35	0 11	23 49	0 32	23 32	0 38	22 1	0 38	17 56	1 20	27 25	3 51	15 21	15 52	9 14		n.a.
T 19	5 0	1n50	3 34	7 19	1 3	18 38	0 55	1 52	0 10	23 49	0 32	23 32	0 38	22 1	0 38	17 57	1 20	27 25	3 51	15 19	15 51	9 12		n.a.
F 20	4 36	6 51	2 31	6 21	0 54	18 21	0 57	2 10	0 10	23 50	0 32	23 31	0 38	22 0	0 38	17 57	1 20	27 25	3 51	15 17	15 50	9 10		n.a.
S 21	4 13	11 21	1 19	5 22	0 44	18 3	1 0	2 27	0 9	23 50	0 32	23 31	0 38	22 0	0 38	17 57	1 20	27 25	3 51	15 16	15 49	9 7		n.a.
S 22	3 50	15 4	0 5	4 22	0 35	17 44	1 2	2 44	0 8	23 51	0 32	23 31	0 38	21 59	0 38	17 58	1 20	27 26	3 52	15 16	15 48	9 5		n.a.
M23	3 27	17 49	1s 8	3 21	0 25	17 25	1 5	3 2	0 8	23 51	0 32	23 30	0 39	21 59	0 38	17 58	1 20	27 26	3 52	15 16	15 47	9 3		n.a.
T 24	3 4	19 32	2 15	2 20	0 14	17 6	1 7	3 19	0 7	23 52	0 32	23 30	0 39	21 59	0 38	17 58	1 20	27 26	3 52	15 16	15 46	9 1		n.a.
W25	2 40	20 11	3 13	1 18	0 4	16 46	1 9	3 36	0 7	23 52	0 32	23 29	0 39	21 58	0 38	17 59	1 20	27 26	3 52	15 17	15 45	8 59		n.a.
T 26	2 17	19 50	4 0	0 16	0n 7	16 25	1 12	3 53	0 6	23 53	0 32	23 29	0 39	21 58	0 38	17 59	1 20	27 27	3 52	15 17	15 44	8 57		n.a.
F 27	1 54	18 33	4 35	0n46	0 18	16 5	1 14	4 10	0 5	23 53	0 32	23 29	0 39	21 57	0 38	17 59	1 20	27 27	3 53	15 16	15 43	8 55		n.a.
S 28	1 30	16 28	4 58	1 47	0 29	15 43	1 16	4 27	0 5	23 54	0 32	23 28	0 39	21 57	0 38	18 0	1 20	27 27	3 53	15 15	15 42	8 53		n.a.
S 29	1 7	13 42	5 8	2 49	0 39	15 22	1 18	4 44	0 4	23 54	0 32	23 28	0 39	21 57	0 38	18 0	1 20	27 27	3 53	15 13	15 41	8 51		n.a.
M30	0 44	10 24	5 5	3 49	0 50	14 59	1 20	5 1	0 3	23 55	0 32	23 28	0 40	21 56	0 38	18 0	1 20	27 27	3 53	15 11	15 40	8 49		n.a.
T 31	0s20	6n41	4s48	4n48	1n 0	14s37	1s21	5n18	0s 3	23n55	0n32	23s27	0s40	21s56	0s38	18n 1	1n20	27s28	3s53	15s 8	15s39	8n47		n.a.

Julian Day Number = 1287200.5, Delta T = 08h02m36s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'04, Lahiri = -20°22'04 Julian Calendar 1 March 1189 BCE == Greg. Calendar 19 Feb. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

APRIL 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 54 16	0♈ 7'11	13♍18	11♈41	26♒23	14♈ 1	19♊16	16♑32	25♑57	14°R30	21♐50	10°R 8	11♏50	24♌48	n.a.	W 1
T 2	11 58 13	1° 4'55	25°19	13°41	27°34	14°42	19°23	16°36	25°59	14♌29	21°50	10♏ 2	11°47	24°54	n.a.	T 2
F 3	12 2 9	2° 2'38	7♎26	15°39	28°45	15°23	19°30	16°39	26° 1	14°28	21°R50	9°56	11°44	25° 1	n.a.	F 3
S 4	12 6 6	3° 0'19	19°41	17°35	29°57	16° 4	19°37	16°42	26° 3	14°27	21°50	9°53	11°41	25° 8	n.a.	S 4
S 5	12 10 2	3°57'58	2♏ 6	19°27	1♓ 8	16°45	19°44	16°46	26° 5	14°26	21°50	9°51	11°37	25°14	n.a.	S 5
M 6	12 13 59	4°55'36	14°42	21°17	2°19	17°26	19°51	16°49	26° 6	14°25	21°50	9°D51	11°34	25°21	n.a.	M 6
T 7	12 17 55	5°53'13	27°31	23° 4	3°31	18° 7	19°58	16°52	26° 8	14°24	21°50	9°52	11°31	25°28	n.a.	T 7
W 8	12 21 52	6°50'49	10♐34	24°48	4°42	18°48	20° 5	16°55	26°10	14°24	21°49	9°53	11°28	25°35	n.a.	W 8
T 9	12 25 48	7°48'24	23°55	26°29	5°54	19°29	20°13	16°58	26°11	14°23	21°49	9°55	11°25	25°41	n.a.	T 9
F 10	12 29 45	8°45'58	7♑35	28° 7	7° 6	20°10	20°20	17° 1	26°13	14°22	21°49	9°R55	11°21	25°48	n.a.	F 10
S 11	12 33 41	9°43'30	21°34	29°41	8°17	20°51	20°28	17° 4	26°14	14°21	21°49	9°55	11°18	25°55	n.a.	S 11
S 12	12 37 38	10°41'02	5♒52	1♉12	9°29	21°32	20°36	17° 7	26°16	14°20	21°49	9°53	11°15	26° 2	n.a.	S 12
M13	12 41 35	11°38'32	20°27	2°40	10°41	22°12	20°44	17° 9	26°17	14°20	21°48	9°50	11°12	26° 8	n.a.	M13
T 14	12 45 31	12°36'02	5♓14	4° 4	11°52	22°53	20°52	17°12	26°19	14°19	21°48	9°46	11° 9	26°15	n.a.	T 14
W15	12 49 28	13°33'30	20° 5	5°25	13° 4	23°34	21° 0	17°14	26°20	14°18	21°48	9°43	11° 6	26°22	n.a.	W15
T 16	12 53 24	14°30'57	4♈55	6°42	14°16	24°14	21° 9	17°16	26°21	14°18	21°47	9°40	11° 2	26°28	n.a.	T 16
F 17	12 57 21	15°28'23	19°33	7°56	15°28	24°55	21°17	17°19	26°22	14°17	21°47	9°37	10°59	26°35	n.a.	F 17
S 18	13 1 17	16°25'48	3♉54	9° 6	16°39	25°36	21°26	17°21	26°24	14°16	21°47	9°D36	10°56	26°42	n.a.	S 18
S 19	13 5 14	17°23'12	17°53	10°13	17°51	26°16	21°35	17°23	26°25	14°16	21°46	9°37	10°53	26°49	n.a.	S 19
M20	13 9 10	18°20'35	1♊28	11°15	19° 3	26°57	21°43	17°25	26°26	14°15	21°46	9°37	10°50	26°55	n.a.	M20
T 21	13 13 7	19°17'56	14°38	12°14	20°15	27°37	21°52	17°27	26°27	14°15	21°45	9°39	10°47	27° 2	n.a.	T 21
W22	13 17 4	20°15'17	27°25	13° 9	21°27	28°17	22° 1	17°28	26°28	14°14	21°45	9°40	10°43	27° 9	n.a.	W22
T 23	13 21 0	21°12'35	9♋53	14° 1	22°39	28°58	22°10	17°30	26°29	14°14	21°44	9°41	10°40	27°15	n.a.	T 23
F 24	13 24 57	22° 9'53	22° 5	14°48	23°51	29°38	22°20	17°32	26°30	14°13	21°44	9°R42	10°37	27°22	n.a.	F 24
S 25	13 28 53	23° 7'10	4♌ 6	15°31	25° 3	0♉18	22°29	17°33	26°31	14°13	21°43	9°41	10°34	27°29	n.a.	S 25
S 26	13 32 50	24° 4'25	16° 1	16°10	26°15	0°59	22°39	17°34	26°31	14°13	21°43	9°40	10°31	27°36	n.a.	S 26
M27	13 36 46	25° 1'39	27°53	16°44	27°27	1°39	22°48	17°36	26°32	14°12	21°42	9°39	10°27	27°42	n.a.	M27
T 28	13 40 43	25°58'52	9♍48	17°14	28°39	2°19	22°58	17°37	26°33	14°12	21°41	9°37	10°24	27°49	n.a.	T 28
W29	13 44 39	26°56'04	21°47	17°40	29°51	2°59	23° 7	17°38	26°34	14°12	21°41	9°35	10°21	27°56	n.a.	W29
T 30	13 48 36	27♈53'15	3♎54	18♉ 2	1♈ 3	3♉39	23♊17	17♑39	26♑34	14♌12	21♐40	9♏33	10♏18	28♌ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n 3	2n42	4s19	5n46	1n10	14s14	1s23	5n35	0s 2	23n56	0n32	23s27	0s40	21s56	0s38	18n 1	1n20	27s28	3s54	15s 6	15s38	8n45		n.a.
T 2	0 26	1s26	3 38	6 43	1 20	13 50	1 25	5 52	0 2	23 56	0 32	23 27	0 40	21 55	0 38	18 1	1 19	27 28	3 54	15 4	15 37	8 43		n.a.
F 3	0 50	5 33	2 47	7 38	1 29	13 27	1 26	6 8	0 1	23 57	0 32	23 26	0 40	21 55	0 38	18 2	1 19	27 28	3 54	15 2	15 36	8 41		n.a.
S 4	1 13	9 29	1 48	8 31	1 38	13 3	1 28	6 25	0 0	23 57	0 32	23 26	0 40	21 55	0 38	18 2	1 19	27 28	3 54	15 1	15 35	8 39		n.a.
S 5	1 36	13 3	0 42	9 22	1 47	12 38	1 29	6 42	0n 0	23 58	0 32	23 26	0 40	21 54	0 38	18 2	1 19	27 29	3 54	15 0	15 34	8 37		n.a.
M 6	1 59	16 6	0n26	10 12	1 54	12 13	1 31	6 58	0 1	23 59	0 32	23 26	0 41	21 54	0 38	18 2	1 19	27 29	3 55	15 0	15 33	8 35		n.a.
T 7	2 23	18 23	1 35	10 59	2 1	11 48	1 32	7 15	0 1	23 59	0 32	23 25	0 41	21 54	0 38	18 3	1 19	27 29	3 55	15 1	15 32	8 33		n.a.
W 8	2 46	19 46	2 40	11 44	2 8	11 23	1 33	7 31	0 2	24 0	0 32	23 25	0 41	21 54	0 38	18 3	1 19	27 29	3 55	15 1	15 31	8 31		n.a.
T 9	3 9	20 4	3 38	12 27	2 13	10 57	1 34	7 47	0 3	24 0	0 32	23 25	0 41	21 53	0 38	18 3	1 19	27 29	3 55	15 2	15 30	8 29		n.a.
F 10	3 32	19 13	4 25	13 8	2 19	10 31	1 35	8 3	0 3	24 1	0 32	23 25	0 41	21 53	0 38	18 3	1 19	27 29	3 55	15 2	15 29	8 27		n.a.
S 11	3 55	17 11	4 57	13 46	2 23	10 5	1 36	8 20	0 4	24 2	0 32	23 24	0 41	21 53	0 38	18 3	1 19	27 30	3 56	15 2	15 28	8 24		n.a.
S 12	4 18	14 4	5 12	14 22	2 26	9 38	1 37	8 36	0 4	24 2	0 33	23 24	0 41	21 53	0 38	18 4	1 19	27 30	3 56	15 1	15 27	8 22		n.a.
M13	4 41	10 3	5 8	14 55	2 29	9 11	1 38	8 52	0 5	24 3	0 33	23 24	0 42	21 52	0 39	18 4	1 19	27 30	3 56	15 0	15 26	8 20		n.a.
T 14	5 3	5 22	4 43	15 27	2 31	8 44	1 39	9 8	0 6	24 3	0 33	23 24	0 42	21 52	0 39	18 4	1 19	27 30	3 56	14 59	15 25	8 18		n.a.
W15	5 26	0 20	3 59	15 56	2 32	8 17	1 39	9 24	0 6	24 4	0 33	23 24	0 42	21 52	0 39	18 4	1 19	27 30	3 56	14 58	15 24	8 16		n.a.
T 16	5 49	4n43	2 59	16 22	2 32	7 49	1 40	9 39	0 7	24 5	0 33	23 24	0 42	21 52	0 39	18 4	1 19	27 30	3 56	14 57	15 23	8 14		n.a.
F 17	6 11	9 26	1 48	16 46	2 32	7 22	1 40	9 55	0 7	24 5	0 33	23 23	0 42	21 51	0 39	18 4	1 19	27 31	3 57	14 56	15 22	8 12		n.a.
S 18	6 34	13 31	0 31	17 8	2 31	6 54	1 41	10 11	0 8	24 6	0 33	23 23	0 42	21 51	0 39	18 5	1 19	27 31	3 57	14 56	15 21	8 10		n.a.
S 19	6 56	16 43	0s45	17 28	2 28	6 25	1 41	10 26	0 9	24 6	0 33	23 23	0 43	21 51	0 39	18 5	1 19	27 31	3 57	14 56	15 20	8 8		n.a.
M20	7 18	18 53	1 58	17 45	2 25	5 57	1 41	10 42	0 9	24 7	0 33	23 23	0 43	21 51	0 39	18 5	1 19	27 31	3 57	14 56	15 19	8 6		n.a.
T 21	7 40	19 56	3 1	18 0	2 21	5 28	1 41	10 57	0 10	24 7	0 33	23 23	0 43	21 51	0 39	18 5	1 19	27 31	3 57	14 57	15 18	8 4		n.a.
W22	8 2	19 55	3 54	18 13	2 16	5 0	1 41	11 12	0 10	24 8	0 33	23 23	0 43	21 51	0 39	18 5	1 19	27 31	3 58	14 57	15 17	8 2		n.a.
T 23	8 24	18 54	4 34	18 23	2 11	4 31	1 41	11 27	0 11	24 9	0 33	23 23	0 43	21 50	0 39	18 5	1 19	27 32	3 58	14 57	15 16	8 0		n.a.
F 24	8 46	17 2	5 1	18 31	2 4	4 2	1 41	11 42	0 11	24 9	0 33	23 23	0 43	21 50	0 39	18 5	1 19	27 32	3 58	14 57	15 15	7 58		n.a.
S 25	9 8	14 28	5 14	18 37	1 57	3 33	1 41	11 57	0 12	24 10	0 33	23 23	0 43	21 50	0 39	18 5	1 19	27 32	3 58	14 57	15 14	7 56		n.a.
S 26	9 29	11 19	5 14	18 40	1 48	3 3	1 41	12 12	0 13	24 10	0 33	23 23	0 44	21 50	0 39	18 5	1 19	27 32	3 58	14 57	15 13	7 54		n.a.
M27	9 51	7 43	5 0	18 42	1 39	2 34	1 41	12 27	0 13	24 11	0 33	23 23	0 44	21 50	0 39	18 6	1 19	27 32	3 58	14 56	15 12	7 52		n.a.
T 28	10 12	3 49	4 33	18 41	1 29	2 5	1 40	12 41	0 14	24 11	0 33	23 23	0 44	21 50	0 39	18 6	1 19	27 32	3 59	14 56	15 11	7 49		n.a.
W29	10 33	0s16	3 54	18 38	1 18	1 35	1 40	12 56	0 14	24 12	0 33	23 23	0 44	21 50	0 39	18 6	1 19	27 32	3 59	14 55	15 10	7 47		n.a.
T 30	10n54	4s23	3s 5	18n33	1n 7	1s 6	1s40	13n10	0n15	24n13	0n33	23s23	0s44	21s50	0s39	18n 6	1n19	27s33	3s59	14s55	15s 9	7n45		n.a.

Julian Day Number = 1287231.5, Delta T = 08h02m35s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°29'00, Lahiri = -20°22'00 Julian Calendar 1 Apr. 1189 BCE == Greg. Calendar 21 March 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

MAY 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 52 33	28♈50'26	16♎12	18♉18	2♈15	4♉19	23♊27	17♑40	26♑35	14°R12	21°R39	9°R32	10♏15	28♌ 9	n.a.	F 1
S 2	13 56 29	29°47'35	28°41	18°31	3°27	4°59	23°37	17°41	26°35	14♌11	21♐39	9♏31	10°12	28°16	n.a.	S 2
S 3	14 0 26	0♉44'44	11♏23	18°38	4°39	5°39	23°47	17°41	26°36	14°11	21°38	9°D31	10° 8	28°23	n.a.	S 3
M 4	14 4 22	1°41'53	24°19	18°R42	5°52	6°19	23°58	17°42	26°36	14°11	21°37	9°31	10° 5	28°29	n.a.	M 4
T 5	14 8 19	2°39'01	7♐28	18°40	7° 4	6°59	24° 8	17°42	26°37	14°11	21°36	9°32	10° 2	28°36	n.a.	T 5
W 6	14 12 15	3°36'08	20°51	18°34	8°16	7°39	24°18	17°43	26°37	14°D11	21°36	9°32	9°59	28°43	n.a.	W 6
T 7	14 16 12	4°33'15	4♑28	18°24	9°28	8°19	24°29	17°43	26°37	14°11	21°35	9°33	9°56	28°49	n.a.	T 7
F 8	14 20 9	5°30'22	18°17	18°10	10°41	8°59	24°39	17°43	26°37	14°11	21°34	9°33	9°53	28°56	n.a.	F 8
S 9	14 24 5	6°27'29	2♒18	17°52	11°53	9°39	24°50	17°R43	26°38	14°11	21°33	9°R33	9°49	29° 3	n.a.	S 9
S 10	14 28 2	7°24'36	16°30	17°30	13° 5	10°19	25° 1	17°43	26°38	14°11	21°32	9°33	9°46	29°10	n.a.	S 10
M11	14 31 58	8°21'42	0♓49	17° 5	14°18	10°58	25°11	17°43	26°38	14°11	21°31	9°33	9°43	29°16	n.a.	M11
T 12	14 35 55	9°18'49	15°14	16°37	15°30	11°38	25°22	17°43	26°R38	14°12	21°30	9°D33	9°40	29°23	n.a.	T 12
W13	14 39 51	10°15'55	29°40	16° 7	16°43	12°18	25°33	17°43	26°38	14°12	21°29	9°33	9°37	29°30	n.a.	W13
T 14	14 43 48	11°13'01	14♈ 3	15°34	17°55	12°57	25°44	17°42	26°38	14°12	21°28	9°33	9°33	29°36	n.a.	T 14
F 15	14 47 44	12°10'07	28°17	15° 1	19° 8	13°37	25°55	17°42	26°38	14°12	21°27	9°33	9°30	29°43	n.a.	F 15
S 16	14 51 41	13° 7'13	12♉19	14°26	20°20	14°17	26° 6	17°41	26°38	14°13	21°26	9°R33	9°27	29°50	n.a.	S 16
S 17	14 55 38	14° 4'19	26° 4	13°51	21°33	14°56	26°18	17°40	26°37	14°13	21°25	9°33	9°24	29°57	n.a.	S 17
M18	14 59 34	15° 1'25	9♊31	13°16	22°45	15°36	26°29	17°40	26°37	14°13	21°24	9°33	9°21	0♍ 3	n.a.	M18
T 19	15 3 31	15°58'30	22°37	12°43	23°58	16°15	26°40	17°39	26°37	14°14	21°23	9°32	9°18	0°10	n.a.	T 19
W20	15 7 27	16°55'35	5♋24	12°10	25°11	16°55	26°52	17°38	26°37	14°14	21°22	9°31	9°14	0°17	n.a.	W20
T 21	15 11 24	17°52'40	17°52	11°40	26°23	17°34	27° 3	17°37	26°36	14°15	21°21	9°30	9°11	0°23	n.a.	T 21
F 22	15 15 20	18°49'45	0♌ 6	11°12	27°36	18°13	27°15	17°36	26°36	14°15	21°20	9°30	9° 8	0°30	n.a.	F 22
S 23	15 19 17	19°46'49	12° 8	10°48	28°49	18°53	27°26	17°34	26°35	14°16	21°19	9°29	9° 5	0°37	n.a.	S 23
S 24	15 23 13	20°43'53	24° 4	10°27	0♉ 1	19°32	27°38	17°33	26°35	14°16	21°17	9°D29	9° 2	0°44	n.a.	S 24
M25	15 27 10	21°40'57	5♍57	10°10	1°14	20°12	27°50	17°31	26°34	14°17	21°16	9°29	8°58	0°50	n.a.	M25
T 26	15 31 7	22°38'01	17°52	9°56	2°27	20°51	28° 2	17°30	26°33	14°17	21°15	9°30	8°55	0°57	n.a.	T 26
W27	15 35 3	23°35'04	29°53	9°48	3°40	21°30	28°13	17°28	26°33	14°18	21°14	9°31	8°52	1° 4	n.a.	W27
T 28	15 39 0	24°32'08	12♎ 5	9°D44	4°53	22° 9	28°25	17°26	26°32	14°19	21°13	9°33	8°49	1°10	n.a.	T 28
F 29	15 42 56	25°29'12	24°31	9°45	6° 6	22°48	28°37	17°25	26°31	14°19	21°11	9°34	8°46	1°17	n.a.	F 29
S 30	15 46 53	26°26'15	7♏14	9°51	7°18	23°28	28°49	17°23	26°31	14°20	21°10	9°R34	8°43	1°24	n.a.	S 30
S 31	15 50 49	27♉23'19	20♏14	10♉ 2	8♉31	24♉ 7	29♊ 1	17♑21	26♑30	14♌21	21♐ 9	9♏34	8♏39	1♍31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n14	8s24	2s 6	18n26	0n54	0s36	1s39	13n25	0n15	24n13	0n33	23s23	0s44	21s50	0s39	18n 6	1n19	27s33	3s59	14s54	15s 8	7n43		n.a.
S 2	11 35	12 7	1 0	18 17	0 41	0 6	1 38	13 39	0 16	24 14	0 33	23 23	0 45	21 49	0 39	18 6	1 19	27 33	3 59	14 54	15 7	7 41		n.a.
S 3	11 55	15 20	0n10	18 5	0 27	0n23	1 38	13 53	0 17	24 14	0 33	23 23	0 45	21 49	0 39	18 6	1 19	27 33	4 0	14 54	15 6	7 39		n.a.
M 4	12 16	17 51	1 21	17 52	0 12	0 53	1 37	14 7	0 17	24 15	0 33	23 23	0 45	21 49	0 39	18 6	1 19	27 33	4 0	14 54	15 5	7 37		n.a.
T 5	12 36	19 28	2 29	17 37	0s 3	1 23	1 36	14 21	0 18	24 15	0 33	23 23	0 45	21 49	0 39	18 6	1 19	27 33	4 0	14 54	15 4	7 35		n.a.
W 6	12 55	20 2	3 30	17 21	0 18	1 53	1 35	14 35	0 18	24 16	0 33	23 23	0 45	21 49	0 39	18 6	1 19	27 33	4 0	14 54	15 3	7 33		n.a.
T 7	13 15	19 26	4 20	17 2	0 35	2 22	1 34	14 48	0 19	24 16	0 33	23 23	0 45	21 49	0 39	18 6	1 18	27 33	4 0	14 55	15 2	7 31		n.a.
F 8	13 34	17 41	4 56	16 42	0 51	2 52	1 33	15 2	0 19	24 17	0 33	23 23	0 46	21 49	0 39	18 6	1 18	27 34	4 0	14 55	15 1	7 29		n.a.
S 9	13 54	14 52	5 15	16 21	1 8	3 22	1 32	15 15	0 20	24 17	0 33	23 24	0 46	21 49	0 39	18 6	1 18	27 34	4 1	14 55	15 0	7 27		n.a.
S 10	14 13	11 9	5 15	15 59	1 24	3 52	1 31	15 29	0 20	24 18	0 33	23 24	0 46	21 49	0 40	18 5	1 18	27 34	4 1	14 55	14 59	7 25		n.a.
M11	14 31	6 46	4 56	15 36	1 41	4 21	1 30	15 42	0 21	24 18	0 33	23 24	0 46	21 49	0 40	18 5	1 18	27 34	4 1	14 55	14 58	7 23		n.a.
T 12	14 50	1 57	4 18	15 12	1 57	4 51	1 28	15 55	0 22	24 18	0 33	23 24	0 46	21 49	0 40	18 5	1 18	27 34	4 1	14 55	14 57	7 21		n.a.
W13	15 8	2n58	3 24	14 48	2 13	5 20	1 27	16 8	0 22	24 19	0 33	23 24	0 46	21 49	0 40	18 5	1 18	27 34	4 1	14 55	14 56	7 18		n.a.
T 14	15 27	7 43	2 17	14 24	2 29	5 50	1 26	16 21	0 23	24 19	0 33	23 25	0 47	21 49	0 40	18 5	1 18	27 34	4 1	14 55	14 55	7 16		n.a.
F 15	15 44	12 0	1 2	14 0	2 44	6 19	1 24	16 33	0 23	24 20	0 33	23 25	0 47	21 49	0 40	18 5	1 18	27 34	4 2	14 55	14 54	7 14		n.a.
S 16	16 2	15 33	0s15	13 36	2 58	6 48	1 23	16 46	0 24	24 20	0 34	23 25	0 47	21 50	0 40	18 5	1 18	27 34	4 2	14 55	14 53	7 12		n.a.
S 17	16 19	18 8	1 30	13 13	3 11	7 17	1 21	16 58	0 24	24 20	0 34	23 25	0 47	21 50	0 40	18 5	1 18	27 34	4 2	14 55	14 52	7 10		n.a.
M18	16 37	19 38	2 39	12 51	3 23	7 46	1 20	17 10	0 25	24 21	0 34	23 26	0 47	21 50	0 40	18 5	1 18	27 34	4 2	14 55	14 51	7 8		n.a.
T 19	16 53	20 1	3 37	12 31	3 34	8 15	1 18	17 23	0 25	24 21	0 34	23 26	0 47	21 50	0 40	18 4	1 18	27 35	4 2	14 54	14 50	7 6		n.a.
W20	17 10	19 21	4 22	12 12	3 44	8 43	1 16	17 35	0 26	24 21	0 34	23 26	0 48	21 50	0 40	18 4	1 18	27 35	4 2	14 54	14 49	7 4		n.a.
T 21	17 26	17 45	4 54	11 54	3 52	9 12	1 14	17 46	0 26	24 22	0 34	23 26	0 48	21 50	0 40	18 4	1 18	27 35	4 2	14 54	14 48	7 2		n.a.
F 22	17 42	15 23	5 12	11 39	3 59	9 40	1 13	17 58	0 27	24 22	0 34	23 27	0 48	21 50	0 40	18 4	1 18	27 35	4 3	14 54	14 47	7 0		n.a.
S 23	17 58	12 23	5 16	11 26	4 5	10 8	1 11	18 10	0 27	24 22	0 34	23 27	0 48	21 50	0 40	18 4	1 18	27 35	4 3	14 53	14 46	6 58		n.a.
S 24	18 14	8 54	5 6	11 16	4 9	10 36	1 9	18 21	0 28	24 23	0 34	23 27	0 48	21 50	0 40	18 4	1 18	27 35	4 3	14 53	14 44	6 56		n.a.
M25	18 29	5 6	4 44	11 8	4 11	11 3	1 7	18 33	0 29	24 23	0 34	23 28	0 48	21 51	0 40	18 3	1 18	27 35	4 3	14 53	14 43	6 54		n.a.
T 26	18 44	1 4	4 8	11 2	4 13	11 30	1 5	18 44	0 29	24 23	0 34	23 28	0 48	21 51	0 40	18 3	1 18	27 35	4 3	14 54	14 42	6 52		n.a.
W27	18 59	3s 2	3 22	11 0	4 13	11 57	1 3	18 55	0 30	24 23	0 34	23 29	0 49	21 51	0 40	18 3	1 18	27 35	4 3	14 54	14 41	6 50		n.a.
T 28	19 13	7 5	2 26	11 0	4 12	12 24	1 1	19 6	0 30	24 24	0 34	23 29	0 49	21 51	0 40	18 3	1 18	27 35	4 3	14 55	14 40	6 47		n.a.
F 29	19 27	10 56	1 22	11 3	4 9	12 51	0 59	19 16	0 31	24 24	0 34	23 29	0 49	21 51	0 40	18 2	1 18	27 35	4 4	14 55	14 39	6 45		n.a.
S 30	19 41	14 21	0 13	11 8	4 5	13 17	0 57	19 27	0 31	24 24	0 34	23 30	0 49	21 51	0 40	18 2	1 18	27 35	4 4	14 55	14 38	6 43		n.a.
S 31	19n54	17s 9	0n58	11n16	4s 0	13n43	0s55	19n37	0n32	24n24	0n34	23s30	0s49	21s52	0s40	18n 2	1n18	27s35	4s 4	14s55	14s37	6n41		n.a.

Julian Day Number = 1287261.5, Delta T = 08h02m33s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'56, Lahiri = -20°21'56 Julian Calendar 1 May 1189 BCE == Greg. Calendar 20 Apr. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

JUNE 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 54 46	28♉20'24	3♐31	10♉19	9♉44	24♉46	29♊14	17°R18	26°R29	14♑22	21°R 8	9°R33	8♏36	1♍37	n.a.	M 1
T 2	15 58 43	29°17'28	17° 6	10°40	10°57	25°25	29°26	17♉16	26♉28	14°22	21♐ 6	9♏31	8°33	1°44	n.a.	T 2
W 3	16 2 39	0♊14'34	0♉55	11° 7	12°10	26° 4	29°38	17°14	26°27	14°23	21° 5	9°28	8°30	1°51	n.a.	W 3
T 4	16 6 36	1°11'40	14°56	11°39	13°23	26°43	29°50	17°12	26°26	14°24	21° 4	9°25	8°27	1°57	n.a.	T 4
F 5	16 10 32	2° 8'46	29° 4	12°16	14°36	27°22	0♋ 2	17° 9	26°25	14°25	21° 3	9°23	8°24	2° 4	n.a.	F 5
S 6	16 14 29	3° 5'53	13♒18	12°58	15°50	28° 1	0°15	17° 7	26°24	14°26	21° 1	9°21	8°20	2°11	n.a.	S 6
S 7	16 18 25	4° 3'01	27°33	13°46	17° 3	28°40	0°27	17° 4	26°23	14°27	21° 0	9°20	8°17	2°18	n.a.	S 7
M 8	16 22 22	5° 0'10	11♓46	14°39	18°16	29°19	0°40	17° 1	26°21	14°28	20°59	9°D20	8°14	2°24	n.a.	M 8
T 9	16 26 18	5°57'19	25°56	15°36	19°29	29°58	0°52	16°58	26°20	14°29	20°57	9°20	8°11	2°31	n.a.	T 9
W10	16 30 15	6°54'30	10♈ 0	16°38	20°42	0♊37	1° 5	16°56	26°19	14°30	20°56	9°22	8° 8	2°38	n.a.	W10
T 11	16 34 12	7°51'41	23°56	17°46	21°56	1°16	1°17	16°53	26°18	14°31	20°54	9°23	8° 4	2°44	n.a.	T 11
F 12	16 38 8	8°48'54	7♉44	18°58	23° 9	1°55	1°30	16°50	26°16	14°32	20°53	9°R24	8° 1	2°51	n.a.	F 12
S 13	16 42 5	9°46'07	21°21	20°15	24°22	2°34	1°42	16°47	26°15	14°34	20°52	9°23	7°58	2°58	n.a.	S 13
S 14	16 46 1	10°43'21	4♊45	21°36	25°36	3°12	1°55	16°43	26°13	14°35	20°50	9°21	7°55	3° 5	n.a.	S 14
M15	16 49 58	11°40'36	17°54	23° 2	26°49	3°51	2° 8	16°40	26°12	14°36	20°49	9°18	7°52	3°11	n.a.	M15
T 16	16 53 54	12°37'52	0♋49	24°32	28° 2	4°30	2°20	16°37	26°10	14°37	20°48	9°13	7°49	3°18	n.a.	T 16
W17	16 57 51	13°35'09	13°28	26° 6	29°16	5° 9	2°33	16°33	26° 9	14°38	20°46	9° 7	7°45	3°25	n.a.	W17
T 18	17 1 48	14°32'26	25°53	27°45	0♊29	5°47	2°46	16°30	26° 7	14°40	20°45	9° 1	7°42	3°31	n.a.	T 18
F 19	17 5 44	15°29'44	8♌ 4	29°27	1°43	6°26	2°59	16°26	26° 6	14°41	20°43	8°56	7°39	3°38	n.a.	F 19
S 20	17 9 41	16°27'03	20° 6	1♊12	2°56	7° 5	3°12	16°23	26° 4	14°42	20°42	8°52	7°36	3°45	n.a.	S 20
S 21	17 13 37	17°24'22	2♍ 0	3° 1	4°10	7°43	3°25	16°19	26° 2	14°44	20°41	8°49	7°33	3°52	n.a.	S 21
M22	17 17 34	18°21'42	13°52	4°53	5°23	8°22	3°37	16°15	26° 1	14°45	20°39	8°D47	7°30	3°58	n.a.	M22
T 23	17 21 30	19°19'03	25°46	6°48	6°37	9° 1	3°50	16°12	25°59	14°47	20°38	8°47	7°26	4° 5	n.a.	T 23
W24	17 25 27	20°16'25	7♎47	8°45	7°51	9°39	4° 3	16° 8	25°57	14°48	20°36	8°49	7°23	4°12	n.a.	W24
T 25	17 29 23	21°13'48	20° 0	10°44	9° 4	10°18	4°16	16° 4	25°55	14°49	20°35	8°50	7°20	4°18	n.a.	T 25
F 26	17 33 20	22°11'11	2♏30	12°44	10°18	10°56	4°29	16° 0	25°53	14°51	20°34	8°R51	7°17	4°25	n.a.	F 26
S 27	17 37 17	23° 8'36	15°20	14°47	11°32	11°35	4°42	15°56	25°52	14°52	20°32	8°51	7°14	4°32	n.a.	S 27
S 28	17 41 13	24° 6'01	28°33	16°50	12°46	12°13	4°55	15°52	25°50	14°54	20°31	8°49	7°10	4°38	n.a.	S 28
M29	17 45 10	25° 3'28	12♐ 9	18°53	13°59	12°52	5° 8	15°48	25°48	14°56	20°29	8°46	7° 7	4°45	n.a.	M29
T 30	17 49 6	26♊ 0'56	26♐ 6	20♊57	15♊13	13♊30	5♋21	15♉44	25♉46	14♑57	20♐28	8♏40	7♏ 4	4♍52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 7	19s 6	2n 8	11n27	3s54	14n 9	0s52	19n47	0n32	24n24	0n34	23s31	0s49	21s52	0s40	18n 2	1n18	27s35	4s 4	14s55	14s36	6n39		n.a.
T 2	20 20	20 0	3 12	11 40	3 48	14 34	0 50	19 58	0 33	24 24	0 34	23 31	0 50	21 52	0 40	18 1	1 18	27 35	4 4	14 54	14 35	6 37		n.a.
W 3	20 32	19 44	4 6	11 56	3 40	14 59	0 48	20 8	0 33	24 24	0 34	23 31	0 50	21 52	0 40	18 1	1 18	27 35	4 4	14 53	14 34	6 35		n.a.
T 4	20 44	18 15	4 46	12 14	3 31	15 23	0 46	20 17	0 34	24 24	0 34	23 32	0 50	21 52	0 40	18 1	1 18	27 35	4 4	14 52	14 33	6 33		n.a.
F 5	20 56	15 38	5 9	12 34	3 22	15 48	0 43	20 27	0 34	24 24	0 34	23 32	0 50	21 53	0 40	18 1	1 18	27 35	4 5	14 51	14 32	6 31		n.a.
S 6	21 7	12 6	5 13	12 57	3 12	16 12	0 41	20 36	0 35	24 25	0 35	23 33	0 50	21 53	0 40	18 0	1 17	27 36	4 5	14 51	14 31	6 29		n.a.
S 7	21 18	7 51	4 59	13 21	3 1	16 35	0 39	20 46	0 35	24 25	0 35	23 33	0 50	21 53	0 41	18 0	1 17	27 36	4 5	14 50	14 30	6 27		n.a.
M 8	21 29	3 11	4 25	13 48	2 50	16 58	0 36	20 55	0 36	24 25	0 35	23 34	0 51	21 53	0 41	18 0	1 17	27 36	4 5	14 50	14 29	6 25		n.a.
T 9	21 39	1n39	3 36	14 16	2 38	17 21	0 34	21 4	0 36	24 25	0 35	23 34	0 51	21 54	0 41	17 59	1 17	27 36	4 5	14 51	14 28	6 23		n.a.
W10	21 49	6 23	2 34	14 45	2 26	17 43	0 32	21 13	0 37	24 25	0 35	23 35	0 51	21 54	0 41	17 59	1 17	27 36	4 5	14 51	14 27	6 21		n.a.
T 11	21 59	10 44	1 24	15 17	2 13	18 5	0 29	21 21	0 37	24 24	0 35	23 35	0 51	21 54	0 41	17 59	1 17	27 36	4 5	14 51	14 26	6 18		n.a.
F 12	22 8	14 28	0 9	15 49	2 1	18 26	0 27	21 30	0 38	24 24	0 35	23 36	0 51	21 55	0 41	17 58	1 17	27 36	4 5	14 52	14 25	6 16		n.a.
S 13	22 17	17 21	1s 5	16 22	1 48	18 47	0 24	21 38	0 38	24 24	0 35	23 37	0 51	21 55	0 41	17 58	1 17	27 36	4 5	14 51	14 24	6 14		n.a.
S 14	22 25	19 14	2 14	16 57	1 34	19 7	0 22	21 47	0 39	24 24	0 35	23 37	0 51	21 55	0 41	17 57	1 17	27 36	4 6	14 51	14 23	6 12		n.a.
M15	22 33	20 2	3 15	17 32	1 21	19 27	0 19	21 55	0 39	24 24	0 35	23 38	0 52	21 56	0 41	17 57	1 17	27 36	4 6	14 50	14 22	6 10		n.a.
T 16	22 41	19 46	4 4	18 7	1 8	19 46	0 17	22 2	0 40	24 24	0 35	23 38	0 52	21 56	0 41	17 57	1 17	27 36	4 6	14 48	14 21	6 8		n.a.
W17	22 48	18 29	4 40	18 43	0 55	20 5	0 15	22 10	0 40	24 24	0 35	23 39	0 52	21 56	0 41	17 56	1 17	27 36	4 6	14 46	14 20	6 6		n.a.
T 18	22 55	16 22	5 3	19 18	0 42	20 24	0 12	22 18	0 41	24 23	0 35	23 39	0 52	21 56	0 41	17 56	1 17	27 36	4 6	14 44	14 18	6 4		n.a.
F 19	23 2	13 33	5 11	19 54	0 29	20 41	0 10	22 25	0 41	24 23	0 35	23 40	0 52	21 57	0 41	17 55	1 17	27 36	4 6	14 43	14 17	6 2		n.a.
S 20	23 8	10 12	5 5	20 29	0 16	20 58	0 7	22 32	0 42	24 23	0 35	23 41	0 52	21 57	0 41	17 55	1 17	27 36	4 6	14 41	14 16	6 0		n.a.
S 21	23 14	6 30	4 46	21 3	0 4	21 15	0 5	22 39	0 42	24 23	0 35	23 41	0 52	21 58	0 41	17 55	1 17	27 36	4 6	14 40	14 15	5 58		n.a.
M22	23 19	2 32	4 15	21 36	0n 8	21 31	0 2	22 46	0 43	24 22	0 35	23 42	0 53	21 58	0 41	17 54	1 17	27 36	4 6	14 40	14 14	5 56		n.a.
T 23	23 24	1s32	3 32	22 7	0 19	21 46	0n 0	22 52	0 43	24 22	0 36	23 42	0 53	21 58	0 41	17 54	1 17	27 36	4 6	14 40	14 13	5 54		n.a.
W24	23 28	5 35	2 40	22 37	0 30	22 1	0 3	22 59	0 43	24 22	0 36	23 43	0 53	21 59	0 41	17 53	1 17	27 36	4 7	14 40	14 12	5 51		n.a.
T 25	23 32	9 29	1 40	23 5	0 40	22 16	0 5	23 5	0 44	24 22	0 36	23 44	0 53	21 59	0 41	17 53	1 17	27 36	4 7	14 41	14 11	5 49		n.a.
F 26	23 36	13 5	0 34	23 32	0 50	22 29	0 8	23 11	0 44	24 21	0 36	23 44	0 53	21 59	0 41	17 52	1 17	27 36	4 7	14 41	14 10	5 47		n.a.
S 27	23 39	16 9	0n35	23 56	0 59	22 42	0 10	23 17	0 45	24 21	0 36	23 45	0 53	22 0	0 41	17 52	1 17	27 35	4 7	14 41	14 9	5 45		n.a.
S 28	23 42	18 28	1 44	24 17	1 7	22 54	0 12	23 23	0 45	24 20	0 36	23 45	0 53	22 0	0 41	17 51	1 17	27 35	4 7	14 40	14 8	5 43		n.a.
M29	23 44	19 49	2 50	24 36	1 15	23 6	0 15	23 28	0 46	24 20	0 36	23 46	0 53	22 1	0 41	17 51	1 17	27 35	4 7	14 39	14 7	5 41		n.a.
T 30	23n46	20s 0	3n47	24n52	1n21	23n17	0n17	23n34	0n46	24n19	0n36	23s47	0s54	22s 1	0s41	17n50	1n17	27s35	4s 7	14s37	14s 6	5n39		n.a.

Julian Day Number = 1287292.5, Delta T = 08h02m31s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'52, Lahiri = -20°21'51 Julian Calendar 1 June 1189 BCE == Greg. Calendar 21 May 1189 BCE

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

JULY 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 53 3	26♊58'25	10♉22	23♊ 1	16♊27	14♊ 9	5♋34	15°R40	25°R44	14♎59	20°R27	8°R33	7♏ 1	4♍59	n.a.	W 1
T 2	17 56 59	27°55'55	24°51	25° 5	17°41	14°47	5°47	15♉35	25♉42	15° 0	20♐25	8♏26	6°58	5° 5	n.a.	T 2
F 3	18 0 56	28°53'27	9♒26	27° 9	18°55	15°26	6° 0	15°31	25°40	15° 2	20°24	8°18	6°55	5°12	n.a.	F 3
S 4	18 4 52	29°51'01	24° 0	29°12	20° 9	16° 4	6°14	15°27	25°38	15° 4	20°22	8°12	6°51	5°19	n.a.	S 4
S 5	18 8 49	0♋48'36	8♓28	1♋14	21°23	16°42	6°27	15°23	25°36	15° 5	20°21	8° 8	6°48	5°25	n.a.	S 5
M 6	18 12 46	1°46'12	22°45	3°15	22°37	17°21	6°40	15°18	25°33	15° 7	20°20	8° 6	6°45	5°32	n.a.	M 6
T 7	18 16 42	2°43'51	6♈50	5°15	23°51	17°59	6°53	15°14	25°31	15° 9	20°18	8°D 6	6°42	5°39	n.a.	T 7
W 8	18 20 39	3°41'31	20°42	7°14	25° 5	18°37	7° 6	15° 9	25°29	15°11	20°17	8° 7	6°39	5°46	n.a.	W 8
T 9	18 24 35	4°39'13	4♉20	9°12	26°19	19°16	7°19	15° 5	25°27	15°12	20°16	8°R 7	6°36	5°52	n.a.	T 9
F 10	18 28 32	5°36'57	17°45	11° 9	27°33	19°54	7°32	15° 1	25°25	15°14	20°14	8° 7	6°32	5°59	n.a.	F 10
S 11	18 32 28	6°34'43	0♊58	13° 4	28°47	20°32	7°45	14°56	25°23	15°16	20°13	8° 5	6°29	6° 6	n.a.	S 11
S 12	18 36 25	7°32'30	13°59	14°58	0♋ 2	21°11	7°59	14°51	25°20	15°18	20°12	8° 0	6°26	6°12	n.a.	S 12
M13	18 40 21	8°30'19	26°50	16°50	1°16	21°49	8°12	14°47	25°18	15°20	20°10	7°53	6°23	6°19	n.a.	M13
T 14	18 44 18	9°28'10	9♋28	18°42	2°30	22°27	8°25	14°42	25°16	15°22	20° 9	7°43	6°20	6°26	n.a.	T 14
W15	18 48 15	10°26'03	21°55	20°32	3°44	23° 5	8°38	14°38	25°13	15°24	20° 8	7°32	6°16	6°33	n.a.	W15
T 16	18 52 11	11°23'57	4♌11	22°20	4°59	23°43	8°51	14°33	25°11	15°25	20° 6	7°20	6°13	6°39	n.a.	T 16
F 17	18 56 8	12°21'52	16°17	24° 7	6°13	24°22	9° 4	14°29	25° 9	15°27	20° 5	7° 9	6°10	6°46	n.a.	F 17
S 18	19 0 4	13°19'49	28°15	25°53	7°27	25° 0	9°18	14°24	25° 7	15°29	20° 4	6°59	6° 7	6°53	n.a.	S 18
S 19	19 4 1	14°17'48	10♍ 7	27°38	8°42	25°38	9°31	14°20	25° 4	15°31	20° 2	6°52	6° 4	6°59	n.a.	S 19
M20	19 7 57	15°15'48	21°56	29°21	9°56	26°16	9°44	14°15	25° 2	15°33	20° 1	6°47	6° 1	7° 6	n.a.	M20
T 21	19 11 54	16°13'50	3♎48	1♌ 3	11°10	26°54	9°57	14°10	24°59	15°35	20° 0	6°44	5°57	7°13	n.a.	T 21
W22	19 15 50	17°11'53	15°46	2°44	12°25	27°32	10°10	14° 6	24°57	15°37	19°59	6°D44	5°54	7°19	n.a.	W22
T 23	19 19 47	18° 9'58	27°57	4°23	13°39	28°10	10°23	14° 1	24°55	15°39	19°58	6°44	5°51	7°26	n.a.	T 23
F 24	19 23 44	19° 8'04	10♏25	6° 1	14°54	28°48	10°36	13°57	24°52	15°41	19°56	6°R44	5°48	7°33	n.a.	F 24
S 25	19 27 40	20° 6'12	23°16	7°38	16° 8	29°26	10°49	13°52	24°50	15°43	19°55	6°43	5°45	7°40	n.a.	S 25
S 26	19 31 37	21° 4'22	6♐32	9°13	17°23	0♋ 4	11° 2	13°48	24°48	15°45	19°54	6°40	5°42	7°46	n.a.	S 26
M27	19 35 33	22° 2'34	20°17	10°48	18°38	0°42	11°15	13°43	24°45	15°47	19°53	6°34	5°38	7°53	n.a.	M27
T 28	19 39 30	23° 0'47	4♑29	12°21	19°52	1°20	11°28	13°39	24°43	15°50	19°52	6°26	5°35	8° 0	n.a.	T 28
W29	19 43 26	23°59'02	19° 4	13°53	21° 7	1°58	11°41	13°34	24°40	15°52	19°51	6°16	5°32	8° 6	n.a.	W29
T 30	19 47 23	24°57'19	3♒56	15°23	22°21	2°36	11°54	13°30	24°38	15°54	19°50	6° 5	5°29	8°13	n.a.	T 30
F 31	19 51 19	25♋55'37	18♒56	16♌53	23♋36	3♋14	12♋ 7	13♉25	24♉36	15♌56	19♐48	5♏54	5♏26	8♍20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n48	18s55	4n31	25n 6	1n27	23n27	0n19	23n39	0n47	24n19	0n36	23s47	0s54	22s 1	0s41	17n50	1n17	27s35	4s 7	14s35	14s 5	5n37			n.a.
T 2	23 49	16 37	4 58	25 17	1 32	23 37	0 22	23 44	0 47	24 18	0 36	23 48	0 54	22 2	0 41	17 49	1 17	27 35	4 7	14 33	14 4	5 35			n.a.
F 3	23 50	13 16	5 7	25 25	1 37	23 46	0 24	23 49	0 48	24 18	0 36	23 48	0 54	22 2	0 41	17 49	1 17	27 35	4 7	14 30	14 3	5 33			n.a.
S 4	23 50	9 6	4 55	25 30	1 40	23 54	0 26	23 53	0 48	24 17	0 36	23 49	0 54	22 3	0 41	17 48	1 17	27 35	4 7	14 28	14 2	5 31			n.a.
S 5	23 50	4 26	4 25	25 33	1 43	24 2	0 29	23 58	0 49	24 17	0 36	23 50	0 54	22 3	0 41	17 48	1 17	27 35	4 7	14 27	14 1	5 29			n.a.
M 6	23 49	0n25	3 39	25 33	1 46	24 8	0 31	24 2	0 49	24 16	0 37	23 50	0 54	22 3	0 41	17 47	1 17	27 35	4 7	14 26	13 59	5 27			n.a.
T 7	23 48	5 12	2 40	25 31	1 47	24 14	0 33	24 6	0 50	24 16	0 37	23 51	0 54	22 4	0 41	17 47	1 17	27 35	4 7	14 26	13 58	5 25			n.a.
W 8	23 47	9 38	1 32	25 26	1 48	24 20	0 35	24 10	0 50	24 15	0 37	23 52	0 55	22 4	0 41	17 46	1 17	27 35	4 7	14 26	13 57	5 22			n.a.
T 9	23 45	13 29	0 20	25 19	1 48	24 24	0 37	24 14	0 50	24 14	0 37	23 52	0 55	22 5	0 41	17 46	1 17	27 35	4 8	14 27	13 56	5 20			n.a.
F 10	23 43	16 35	0s51	25 9	1 48	24 28	0 40	24 17	0 51	24 14	0 37	23 53	0 55	22 5	0 41	17 45	1 17	27 35	4 8	14 27	13 55	5 18			n.a.
S 11	23 40	18 45	1 59	24 57	1 47	24 31	0 42	24 21	0 51	24 13	0 37	23 53	0 55	22 5	0 41	17 44	1 17	27 35	4 8	14 26	13 54	5 16			n.a.
S 12	23 37	19 53	2 59	24 44	1 46	24 34	0 44	24 24	0 52	24 12	0 37	23 54	0 55	22 6	0 41	17 44	1 17	27 35	4 8	14 24	13 53	5 14			n.a.
M13	23 33	19 58	3 49	24 28	1 44	24 35	0 46	24 27	0 52	24 12	0 37	23 55	0 55	22 6	0 41	17 43	1 17	27 35	4 8	14 22	13 52	5 12			n.a.
T 14	23 29	19 3	4 27	24 11	1 41	24 36	0 48	24 29	0 53	24 11	0 37	23 55	0 55	22 7	0 41	17 43	1 17	27 35	4 8	14 19	13 51	5 10			n.a.
W15	23 25	17 13	4 52	23 51	1 38	24 36	0 50	24 32	0 53	24 10	0 37	23 56	0 55	22 7	0 41	17 42	1 17	27 35	4 8	14 15	13 50	5 8			n.a.
T 16	23 20	14 38	5 2	23 31	1 35	24 36	0 51	24 34	0 54	24 9	0 37	23 57	0 55	22 8	0 41	17 42	1 17	27 35	4 8	14 11	13 49	5 6			n.a.
F 17	23 15	11 28	4 59	23 8	1 31	24 34	0 53	24 37	0 54	24 8	0 38	23 57	0 56	22 8	0 41	17 41	1 17	27 35	4 8	14 7	13 48	5 4			n.a.
S 18	23 9	7 52	4 43	22 45	1 27	24 32	0 55	24 39	0 54	24 8	0 38	23 58	0 56	22 9	0 41	17 40	1 17	27 34	4 8	14 4	13 47	5 2			n.a.
S 19	23 3	3 59	4 14	22 19	1 23	24 29	0 57	24 41	0 55	24 7	0 38	23 58	0 56	22 9	0 41	17 40	1 17	27 34	4 8	14 2	13 46	5 0			n.a.
M20	22 57	0s 2	3 34	21 53	1 18	24 26	0 59	24 42	0 55	24 6	0 38	23 59	0 56	22 9	0 42	17 39	1 17	27 34	4 8	14 0	13 45	4 58			n.a.
T 21	22 50	4 4	2 46	21 26	1 12	24 21	1 0	24 44	0 56	24 5	0 38	23 59	0 56	22 10	0 42	17 39	1 17	27 34	4 8	13 59	13 44	4 55			n.a.
W22	22 42	7 59	1 49	20 57	1 7	24 16	1 2	24 45	0 56	24 4	0 38	24 0	0 56	22 10	0 42	17 38	1 17	27 34	4 8	13 59	13 42	4 53			n.a.
T 23	22 35	11 38	0 47	20 28	1 1	24 10	1 3	24 46	0 57	24 3	0 38	24 1	0 56	22 11	0 42	17 37	1 16	27 34	4 8	13 59	13 41	4 51			n.a.
F 24	22 27	14 53	0n20	19 58	0 55	24 4	1 5	24 47	0 57	24 2	0 38	24 1	0 56	22 11	0 42	17 37	1 16	27 34	4 8	13 59	13 40	4 49			n.a.
S 25	22 18	17 30	1 27	19 27	0 49	23 56	1 6	24 48	0 58	24 1	0 38	24 2	0 56	22 12	0 42	17 36	1 16	27 34	4 8	13 59	13 39	4 47			n.a.
S 26	22 9	19 17	2 31	18 55	0 42	23 48	1 8	24 48	0 58	24 0	0 38	24 2	0 56	22 12	0 42	17 35	1 16	27 34	4 8	13 58	13 38	4 45			n.a.
M27	22 0	20 0	3 29	18 23	0 35	23 39	1 9	24 48	0 58	23 59	0 39	24 3	0 56	22 13	0 42	17 35	1 16	27 34	4 8	13 56	13 37	4 43			n.a.
T 28	21 50	19 30	4 16	17 50	0 28	23 30	1 11	24 48	0 59	23 58	0 39	24 3	0 56	22 13	0 42	17 34	1 16	27 34	4 8	13 53	13 36	4 41			n.a.
W29	21 40	17 42	4 48	17 16	0 21	23 20	1 12	24 48	0 59	23 57	0 39	24 4	0 57	22 13	0 42	17 34	1 16	27 34	4 8	13 50	13 35	4 39			n.a.
T 30	21 29	14 43	5 1	16 42	0 14	23 9	1 13	24 48	1 0	23 56	0 39	24 4	0 57	22 14	0 42	17 33	1 16	27 34	4 8	13 46	13 34	4 37			n.a.
F 31	21n19	10s45	4n53	16n 8	0n 6	22n57	1n14	24n48	1n 0	23n55	0n39	24s 5	0s57	22s14	0s42	17n32	1n16	27s34	4s 8	13s42	13s33	4n35			n.a.

Julian Day Number = 1287322.5, Delta T = 08h02m30s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'48, Lahiri = -20°21'47 Julian Calendar 1 July 1189 BCE == Greg. Calendar 20 June 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

AUGUST 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 16	26♋53'58	3♓54	18♌21	24♋51	3♋52	12♋20	13°R21	24°R33	15♌58	19°R47	5°R45	5♏22	8♍26	n.a.	S 1
S 2	19 59 13	27°52'21	18°42	19°48	26° 5	4°30	12°33	13♑17	24♑31	16° 0	19♐46	5♏39	5°19	8°33	n.a.	S 2
M 3	20 3 9	28°50'46	3♈13	21°14	27°20	5° 8	12°46	13°12	24°28	16° 2	19°45	5°35	5°16	8°40	n.a.	M 3
T 4	20 7 6	29°49'14	17°25	22°38	28°35	5°46	12°59	13° 8	24°26	16° 4	19°44	5°33	5°13	8°47	n.a.	T 4
W 5	20 11 2	0♌47'44	1♉15	24° 1	29°50	6°24	13°12	13° 4	24°24	16° 7	19°43	5°33	5°10	8°53	n.a.	W 5
T 6	20 14 59	1°46'16	14°45	25°23	1♌ 5	7° 2	13°24	12°59	24°21	16° 9	19°42	5°32	5° 7	9° 0	n.a.	T 6
F 7	20 18 55	2°44'51	27°57	26°43	2°19	7°40	13°37	12°55	24°19	16°11	19°41	5°31	5° 3	9° 7	n.a.	F 7
S 8	20 22 52	3°43'28	10♊54	28° 2	3°34	8°18	13°50	12°51	24°17	16°13	19°40	5°28	5° 0	9°13	n.a.	S 8
S 9	20 26 48	4°42'08	23°38	29°19	4°49	8°55	14° 3	12°47	24°14	16°15	19°40	5°22	4°57	9°20	n.a.	S 9
M10	20 30 45	5°40'49	6♋10	0♍35	6° 4	9°33	14°15	12°43	24°12	16°18	19°39	5°12	4°54	9°27	n.a.	M10
T 11	20 34 41	6°39'33	18°33	1°50	7°19	10°11	14°28	12°39	24°10	16°20	19°38	5° 1	4°51	9°33	n.a.	T 11
W12	20 38 38	7°38'19	0♌47	3° 2	8°34	10°49	14°41	12°35	24° 7	16°22	19°37	4°47	4°47	9°40	n.a.	W12
T 13	20 42 35	8°37'08	12°53	4°13	9°49	11°27	14°53	12°31	24° 5	16°24	19°36	4°33	4°44	9°47	n.a.	T 13
F 14	20 46 31	9°35'58	24°52	5°22	11° 4	12° 4	15° 6	12°27	24° 3	16°26	19°35	4°19	4°41	9°54	n.a.	F 14
S 15	20 50 28	10°34'50	6♍45	6°29	12°19	12°42	15°18	12°24	24° 0	16°29	19°35	4° 7	4°38	10° 0	n.a.	S 15
S 16	20 54 24	11°33'45	18°34	7°34	13°34	13°20	15°31	12°20	23°58	16°31	19°34	3°57	4°35	10° 7	n.a.	S 16
M17	20 58 21	12°32'41	0♎23	8°36	14°49	13°58	15°43	12°16	23°56	16°33	19°33	3°50	4°32	10°14	n.a.	M17
T 18	21 2 17	13°31'39	12°13	9°37	16° 4	14°35	15°56	12°13	23°54	16°35	19°32	3°46	4°28	10°20	n.a.	T 18
W19	21 6 14	14°30'40	24°10	10°34	17°19	15°13	16° 8	12° 9	23°51	16°38	19°32	3°44	4°25	10°27	n.a.	W19
T 20	21 10 10	15°29'42	6♏18	11°29	18°34	15°51	16°20	12° 6	23°49	16°40	19°31	3°D44	4°22	10°34	n.a.	T 20
F 21	21 14 7	16°28'46	18°42	12°20	19°49	16°29	16°32	12° 2	23°47	16°42	19°30	3°R44	4°19	10°40	n.a.	F 21
S 22	21 18 3	17°27'52	1♐28	13° 9	21° 4	17° 6	16°45	11°59	23°45	16°44	19°30	3°44	4°16	10°47	n.a.	S 22
S 23	21 22 0	18°27'00	14°40	13°54	22°19	17°44	16°57	11°56	23°43	16°46	19°29	3°41	4°13	10°54	n.a.	S 23
M24	21 25 57	19°26'10	28°22	14°34	23°34	18°21	17° 9	11°53	23°41	16°49	19°29	3°36	4° 9	11° 1	n.a.	M24
T 25	21 29 53	20°25'22	12♑34	15°11	24°49	18°59	17°21	11°50	23°39	16°51	19°28	3°29	4° 6	11° 7	n.a.	T 25
W26	21 33 50	21°24'36	27°14	15°43	26° 4	19°37	17°33	11°47	23°37	16°53	19°28	3°19	4° 3	11°14	n.a.	W26
T 27	21 37 46	22°23'52	12♒16	16°10	27°19	20°14	17°45	11°44	23°35	16°55	19°27	3° 9	4° 0	11°21	n.a.	T 27
F 28	21 41 43	23°23'10	27°30	16°31	28°34	20°52	17°56	11°41	23°33	16°58	19°27	2°59	3°57	11°27	n.a.	F 28
S 29	21 45 39	24°22'30	12♓47	16°46	29°49	21°29	18° 8	11°38	23°31	17° 0	19°26	2°50	3°53	11°34	n.a.	S 29
S 30	21 49 36	25°21'53	27°53	16°55	1♍ 4	22° 7	18°20	11°35	23°29	17° 2	19°26	2°43	3°50	11°41	n.a.	S 30
M31	21 53 32	26♌21'17	12♈42	16°R58	2♍20	22♋45	18♋32	11♑33	23♑27	17♌ 4	19♐25	2♏39	3♏47	11♍47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 7	6s 7	4n26	15n33	0s 2	22n45	1n15	24n47	1n 1	23n54	0n39	24s 6	0s57	22s15	0s42	17n32	1n16	27s33	4s 8	13s39	13s32	4n33		n.a.
S 2	20 56	1 10	3 41	14 58	0 9	22 32	1 16	24 46	1 1	23 53	0 39	24 6	0 57	22 15	0 42	17 31	1 16	27 33	4 8	13 37	13 31	4 31		n.a.
M 3	20 44	3n46	2 42	14 23	0 17	22 18	1 17	24 45	1 1	23 52	0 39	24 7	0 57	22 16	0 42	17 30	1 16	27 33	4 8	13 36	13 30	4 29		n.a.
T 4	20 31	8 24	1 34	13 48	0 25	22 4	1 18	24 44	1 2	23 51	0 39	24 7	0 57	22 16	0 42	17 30	1 16	27 33	4 8	13 35	13 28	4 26		n.a.
W 5	20 19	12 27	0 23	13 12	0 34	21 48	1 19	24 43	1 2	23 49	0 40	24 8	0 57	22 16	0 42	17 29	1 16	27 33	4 8	13 35	13 27	4 24		n.a.
T 6	20 6	15 45	0s49	12 37	0 42	21 33	1 20	24 41	1 3	23 48	0 40	24 8	0 57	22 17	0 42	17 28	1 16	27 33	4 8	13 35	13 26	4 22		n.a.
F 7	19 52	18 9	1 55	12 2	0 50	21 16	1 21	24 39	1 3	23 47	0 40	24 8	0 57	22 17	0 42	17 28	1 16	27 33	4 8	13 35	13 25	4 20		n.a.
S 8	19 38	19 34	2 55	11 26	0 59	20 59	1 21	24 38	1 3	23 46	0 40	24 9	0 57	22 18	0 42	17 27	1 16	27 33	4 8	13 34	13 24	4 18		n.a.
S 9	19 24	19 56	3 45	10 51	1 7	20 42	1 22	24 35	1 4	23 45	0 40	24 9	0 57	22 18	0 42	17 26	1 16	27 33	4 8	13 31	13 23	4 16		n.a.
M10	19 10	19 19	4 23	10 16	1 15	20 24	1 22	24 33	1 4	23 43	0 40	24 10	0 57	22 19	0 42	17 26	1 16	27 33	4 8	13 28	13 22	4 14		n.a.
T 11	18 55	17 47	4 48	9 42	1 24	20 5	1 23	24 31	1 5	23 42	0 40	24 10	0 57	22 19	0 42	17 25	1 16	27 33	4 8	13 24	13 21	4 12		n.a.
W12	18 40	15 27	4 59	9 8	1 32	19 45	1 23	24 28	1 5	23 41	0 40	24 11	0 57	22 19	0 42	17 24	1 16	27 33	4 8	13 20	13 20	4 10		n.a.
T 13	18 24	12 29	4 57	8 34	1 41	19 25	1 24	24 25	1 6	23 40	0 41	24 11	0 57	22 20	0 42	17 24	1 16	27 33	4 8	13 15	13 19	4 8		n.a.
F 14	18 8	9 2	4 41	8 0	1 49	19 5	1 24	24 22	1 6	23 38	0 41	24 12	0 57	22 20	0 42	17 23	1 16	27 32	4 8	13 10	13 18	4 6		n.a.
S 15	17 52	5 16	4 13	7 28	1 57	18 44	1 24	24 19	1 6	23 37	0 41	24 12	0 57	22 21	0 42	17 22	1 16	27 32	4 8	13 6	13 17	4 4		n.a.
S 16	17 36	1 18	3 35	6 56	2 6	18 22	1 24	24 16	1 7	23 36	0 41	24 12	0 57	22 21	0 42	17 22	1 16	27 32	4 8	13 3	13 15	4 2		n.a.
M17	17 19	2s42	2 47	6 25	2 14	18 0	1 24	24 12	1 7	23 34	0 41	24 13	0 58	22 21	0 42	17 21	1 16	27 32	4 8	13 0	13 14	4 0		n.a.
T 18	17 2	6 37	1 51	5 55	2 22	17 37	1 24	24 8	1 8	23 33	0 41	24 13	0 58	22 22	0 42	17 20	1 16	27 32	4 8	12 59	13 13	3 57		n.a.
W19	16 45	10 18	0 51	5 25	2 30	17 14	1 24	24 4	1 8	23 32	0 41	24 13	0 58	22 22	0 42	17 20	1 16	27 32	4 8	12 58	13 12	3 55		n.a.
T 20	16 27	13 38	0n14	4 57	2 37	16 51	1 24	24 0	1 8	23 30	0 42	24 14	0 58	22 23	0 42	17 19	1 16	27 32	4 8	12 58	13 11	3 53		n.a.
F 21	16 9	16 25	1 19	4 31	2 44	16 27	1 24	23 56	1 9	23 29	0 42	24 14	0 58	22 23	0 42	17 18	1 17	27 32	4 8	12 58	13 10	3 51		n.a.
S 22	15 51	18 29	2 22	4 6	2 52	16 2	1 24	23 52	1 9	23 27	0 42	24 14	0 58	22 23	0 42	17 17	1 17	27 32	4 8	12 58	13 9	3 49		n.a.
S 23	15 33	19 38	3 19	3 42	2 58	15 37	1 24	23 47	1 10	23 26	0 42	24 15	0 58	22 24	0 41	17 17	1 17	27 32	4 8	12 57	13 8	3 47		n.a.
M24	15 14	19 42	4 7	3 20	3 5	15 12	1 23	23 42	1 10	23 25	0 42	24 15	0 58	22 24	0 41	17 16	1 17	27 32	4 8	12 55	13 7	3 45		n.a.
T 25	14 55	18 32	4 43	3 1	3 11	14 46	1 23	23 38	1 10	23 23	0 42	24 15	0 58	22 24	0 41	17 15	1 17	27 32	4 8	12 53	13 6	3 43		n.a.
W26	14 36	16 9	5 0	2 43	3 16	14 19	1 22	23 32	1 11	23 22	0 42	24 16	0 58	22 25	0 41	17 15	1 17	27 32	4 8	12 50	13 5	3 41		n.a.
T 27	14 16	12 38	4 58	2 28	3 21	13 53	1 22	23 27	1 11	23 20	0 43	24 16	0 58	22 25	0 41	17 14	1 17	27 32	4 8	12 46	13 4	3 39		n.a.
F 28	13 57	8 14	4 35	2 16	3 25	13 26	1 21	23 22	1 12	23 19	0 43	24 16	0 58	22 25	0 41	17 13	1 17	27 32	4 8	12 42	13 2	3 37		n.a.
S 29	13 37	3 18	3 52	2 7	3 28	12 58	1 21	23 16	1 12	23 17	0 43	24 16	0 58	22 26	0 41	17 13	1 17	27 31	4 8	12 39	13 1	3 35		n.a.
S 30	13 17	1n48	2 54	2 1	3 31	12 31	1 20	23 10	1 12	23 16	0 43	24 17	0 58	22 26	0 41	17 12	1 17	27 31	4 8	12 37	13 0	3 33		n.a.
M31	12n56	6n41	1n44	1n59	3s32	12n 3	1n19	23n 5	1n13	23n14	0n43	24s17	0s58	22s26	0s41	17n11	1n17	27s31	4s 8	12s36	12s59	3n31		n.a.

Julian Day Number = 1287353.5, Delta T = 08h02m28s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'44, Lahiri = -20°21'43 Julian Calendar 1 Aug. 1189 BCE == Greg. Calendar 21 July 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

SEPTEMBER 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 29	27♌20'45	27♈ 8	16°R52	3♍35	23♋22	18♋43	11°R30	23°R25	17♌ 6	19°R25	2°D38	3♏44	11♍54	n.a.	T 1
W 2	22 1 25	28°20'14	11♉ 7	16♍40	4°50	24° 0	18°55	11♉28	23♉23	17° 9	19♐25	2♏38	3°41	12° 1	n.a.	W 2
T 3	22 5 22	29°19'47	24°41	16°19	6° 5	24°37	19° 6	11°26	23°21	17°11	19°25	2°R39	3°38	12° 8	n.a.	T 3
F 4	22 9 19	0♍19'21	7♊51	15°49	7°20	25°15	19°18	11°23	23°19	17°13	19°24	2°38	3°34	12°14	n.a.	F 4
S 5	22 13 15	1°18'58	20°42	15°12	8°35	25°52	19°29	11°21	23°18	17°15	19°24	2°36	3°31	12°21	n.a.	S 5
S 6	22 17 12	2°18'38	3♋16	14°26	9°50	26°30	19°40	11°19	23°16	17°17	19°24	2°32	3°28	12°28	n.a.	S 6
M 7	22 21 8	3°18'20	15°37	13°33	11° 6	27° 7	19°51	11°17	23°14	17°20	19°24	2°25	3°25	12°34	n.a.	M 7
T 8	22 25 5	4°18'04	27°48	12°32	12°21	27°45	20° 2	11°15	23°13	17°22	19°23	2°16	3°22	12°41	n.a.	T 8
W 9	22 29 1	5°17'51	9♌51	11°25	13°36	28°22	20°13	11°14	23°11	17°24	19°23	2° 6	3°19	12°48	n.a.	W 9
T 10	22 32 58	6°17'40	21°49	10°14	14°51	28°59	20°24	11°12	23°10	17°26	19°23	1°54	3°15	12°54	n.a.	T 10
F 11	22 36 54	7°17'31	3♍42	9° 0	16° 6	29°37	20°35	11°10	23° 8	17°28	19°23	1°43	3°12	13° 1	n.a.	F 11
S 12	22 40 51	8°17'24	15°32	7°46	17°22	0♌14	20°46	11° 9	23° 7	17°30	19°23	1°34	3° 9	13° 8	n.a.	S 12
S 13	22 44 48	9°17'19	27°21	6°32	18°37	0°52	20°57	11° 8	23° 5	17°32	19°D23	1°26	3° 6	13°14	n.a.	S 13
M14	22 48 44	10°17'16	9♎11	5°23	19°52	1°29	21° 7	11° 6	23° 4	17°35	19°23	1°21	3° 3	13°21	n.a.	M14
T 15	22 52 41	11°17'15	21° 5	4°19	21° 7	2° 6	21°18	11° 5	23° 2	17°37	19°23	1°18	2°59	13°28	n.a.	T 15
W16	22 56 37	12°17'16	3♏ 4	3°23	22°23	2°44	21°28	11° 4	23° 1	17°39	19°23	1°D18	2°56	13°34	n.a.	W16
T 17	23 0 34	13°17'19	15°14	2°36	23°38	3°21	21°39	11° 3	23° 0	17°41	19°23	1°19	2°53	13°41	n.a.	T 17
F 18	23 4 30	14°17'24	27°38	1°59	24°53	3°58	21°49	11° 2	22°58	17°43	19°23	1°20	2°50	13°48	n.a.	F 18
S 19	23 8 27	15°17'30	10♐21	1°34	26° 8	4°36	21°59	11° 2	22°57	17°45	19°24	1°R21	2°47	13°55	n.a.	S 19
S 20	23 12 23	16°17'38	23°27	1°19	27°23	5°13	22° 9	11° 1	22°56	17°47	19°24	1°21	2°44	14° 1	n.a.	S 20
M21	23 16 20	17°17'48	6♑59	1°D17	28°39	5°50	22°19	11° 0	22°55	17°49	19°24	1°19	2°40	14° 8	n.a.	M21
T 22	23 20 16	18°18'00	21° 1	1°26	29°54	6°27	22°29	11° 0	22°54	17°51	19°24	1°15	2°37	14°15	n.a.	T 22
W23	23 24 13	19°18'13	5♒30	1°45	1♎ 9	7° 5	22°39	11° 0	22°53	17°53	19°25	1°10	2°34	14°21	n.a.	W23
T 24	23 28 10	20°18'28	20°24	2°14	2°24	7°42	22°48	10°59	22°52	17°55	19°25	1° 4	2°31	14°28	n.a.	T 24
F 25	23 32 6	21°18'45	5♓35	2°52	3°39	8°19	22°58	10°59	22°51	17°57	19°25	0°58	2°28	14°35	n.a.	F 25
S 26	23 36 3	22°19'03	20°52	3°38	4°54	8°56	23° 7	10°D59	22°50	17°59	19°26	0°52	2°24	14°41	n.a.	S 26
S 27	23 39 59	23°19'23	6♈ 7	4°32	6°10	9°33	23°17	10°59	22°49	18° 1	19°26	0°48	2°21	14°48	n.a.	S 27
M28	23 43 56	24°19'45	21° 7	5°32	7°25	10°10	23°26	11° 0	22°49	18° 3	19°26	0°46	2°18	14°55	n.a.	M28
T 29	23 47 52	25°20'09	5♉46	6°38	8°40	10°47	23°35	11° 0	22°48	18° 4	19°27	0°D46	2°15	15° 1	n.a.	T 29
W30	23 51 49	26♍20'36	19♉59	7♍49	9♎55	11♌25	23♋44	11♑ 0	22♑47	18♌ 6	19♐27	0♏47	2♏12	15♍ 8	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n36	11n 4	0n29	2n 1	3s33	11n34	1n18	22n58	1n13	23n13	0n43	24s17	0s58	22s27	0s41	17n11	1n17	27s31	4s 8	12s35	12s58	3n29		n.a.
W 2	12 15	14 42	0s45	2 6	3 32	11 5	1 17	22 52	1 14	23 12	0 44	24 17	0 58	22 27	0 41	17 10	1 17	27 31	4 8	12 35	12 57	3 26		n.a.
T 3	11 54	17 24	1 55	2 17	3 29	10 36	1 16	22 46	1 14	23 10	0 44	24 18	0 58	22 27	0 41	17 9	1 17	27 31	4 8	12 35	12 56	3 24		n.a.
F 4	11 32	19 5	2 56	2 32	3 25	10 7	1 15	22 39	1 14	23 9	0 44	24 18	0 58	22 28	0 41	17 9	1 17	27 31	4 8	12 35	12 55	3 22		n.a.
S 5	11 11	19 43	3 47	2 52	3 19	9 37	1 14	22 33	1 15	23 7	0 44	24 18	0 58	22 28	0 41	17 8	1 17	27 31	4 8	12 35	12 54	3 20		n.a.
S 6	10 49	19 22	4 26	3 17	3 12	9 8	1 13	22 26	1 15	23 6	0 44	24 18	0 58	22 28	0 41	17 7	1 17	27 31	4 8	12 33	12 53	3 18		n.a.
M 7	10 28	18 4	4 52	3 47	3 2	8 38	1 12	22 19	1 15	23 4	0 44	24 18	0 58	22 28	0 41	17 7	1 17	27 31	4 8	12 31	12 51	3 16		n.a.
T 8	10 5	15 59	5 4	4 21	2 51	8 7	1 10	22 12	1 16	23 3	0 45	24 19	0 58	22 29	0 41	17 6	1 17	27 31	4 8	12 28	12 50	3 14		n.a.
W 9	9 43	13 14	5 2	4 59	2 37	7 37	1 9	22 4	1 16	23 1	0 45	24 19	0 58	22 29	0 41	17 5	1 17	27 31	4 8	12 24	12 49	3 12		n.a.
T 10	9 21	9 57	4 47	5 40	2 22	7 6	1 8	21 57	1 17	23 0	0 45	24 19	0 58	22 29	0 41	17 5	1 17	27 31	4 8	12 20	12 48	3 10		n.a.
F 11	8 58	6 18	4 19	6 24	2 5	6 35	1 6	21 49	1 17	22 58	0 45	24 19	0 58	22 29	0 41	17 4	1 17	27 31	4 8	12 16	12 47	3 8		n.a.
S 12	8 36	2 25	3 40	7 10	1 46	6 4	1 5	21 41	1 17	22 57	0 45	24 19	0 58	22 30	0 41	17 4	1 17	27 31	4 7	12 13	12 46	3 6		n.a.
S 13	8 13	1s33	2 52	7 55	1 26	5 33	1 3	21 34	1 18	22 55	0 45	24 19	0 58	22 30	0 41	17 3	1 17	27 31	4 7	12 10	12 45	3 4		n.a.
M14	7 50	5 29	1 56	8 40	1 6	5 1	1 2	21 26	1 18	22 54	0 46	24 19	0 58	22 30	0 41	17 2	1 17	27 31	4 7	12 8	12 44	3 2		n.a.
T 15	7 27	9 12	0 55	9 23	0 46	4 30	1 0	21 17	1 18	22 52	0 46	24 19	0 58	22 30	0 41	17 2	1 17	27 31	4 7	12 7	12 43	3 0		n.a.
W16	7 4	12 35	0n10	10 2	0 25	3 58	0 58	21 9	1 19	22 51	0 46	24 20	0 58	22 31	0 41	17 1	1 17	27 31	4 7	12 7	12 42	2 58		n.a.
T 17	6 40	15 29	1 15	10 38	0 5	3 26	0 57	21 1	1 19	22 49	0 46	24 20	0 58	22 31	0 41	17 0	1 17	27 31	4 7	12 7	12 40	2 56		n.a.
F 18	6 17	17 43	2 18	11 9	0n13	2 54	0 55	20 52	1 20	22 48	0 46	24 20	0 58	22 31	0 41	17 0	1 17	27 31	4 7	12 8	12 39	2 53		n.a.
S 19	5 53	19 9	3 15	11 35	0 31	2 22	0 53	20 43	1 20	22 46	0 47	24 20	0 58	22 31	0 41	16 59	1 17	27 31	4 7	12 8	12 38	2 51		n.a.
S 20	5 30	19 35	4 5	11 55	0 48	1 50	0 51	20 34	1 20	22 45	0 47	24 20	0 58	22 31	0 41	16 59	1 17	27 31	4 7	12 8	12 37	2 49		n.a.
M21	5 6	18 57	4 43	12 10	1 3	1 18	0 49	20 26	1 21	22 43	0 47	24 20	0 58	22 31	0 41	16 58	1 17	27 30	4 7	12 7	12 36	2 47		n.a.
T 22	4 42	17 8	5 5	12 19	1 16	0 46	0 47	20 16	1 21	22 42	0 47	24 20	0 58	22 32	0 41	16 57	1 17	27 30	4 7	12 6	12 35	2 45		n.a.
W23	4 18	14 13	5 9	12 23	1 28	0 14	0 45	20 7	1 21	22 40	0 47	24 20	0 58	22 32	0 41	16 57	1 17	27 30	4 7	12 4	12 34	2 43		n.a.
T 24	3 54	10 18	4 53	12 22	1 38	0s19	0 43	19 58	1 22	22 39	0 48	24 20	0 58	22 32	0 41	16 56	1 17	27 30	4 7	12 2	12 33	2 41		n.a.
F 25	3 30	5 40	4 16	12 16	1 46	0 51	0 41	19 48	1 22	22 38	0 48	24 20	0 58	22 32	0 41	16 56	1 17	27 30	4 7	12 0	12 32	2 39		n.a.
S 26	3 6	0 37	3 20	12 6	1 54	1 23	0 39	19 39	1 23	22 36	0 48	24 20	0 58	22 32	0 41	16 55	1 17	27 30	4 7	11 58	12 30	2 37		n.a.
S 27	2 42	4n27	2 10	11 51	1 59	1 55	0 37	19 29	1 23	22 35	0 48	24 20	0 58	22 32	0 41	16 54	1 17	27 30	4 7	11 57	12 29	2 35		n.a.
M28	2 17	9 11	0 52	11 33	2 4	2 28	0 35	19 19	1 23	22 33	0 48	24 20	0 58	22 32	0 41	16 54	1 17	27 30	4 7	11 56	12 28	2 33		n.a.
T 29	1 53	13 14	0s27	11 11	2 7	3 0	0 32	19 9	1 24	22 32	0 49	24 20	0 58	22 32	0 41	16 53	1 17	27 30	4 7	11 56	12 27	2 31		n.a.
W30	1n29	16n22	1s43	10n46	2n 9	3s32	0n30	18n59	1n24	22n31	0n49	24s20	0s58	22s33	0s41	16n53	1n17	27s30	4s 7	11s56	12s26	2n29		n.a.

Julian Day Number = 1287384.5, Delta T = 08h02m26s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'39, Lahiri = -20°21'39 Julian Calendar 1 Sept. 1189 BCE == Greg. Calendar 21 Aug. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

OCTOBER 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 45	27♍21'04	3♊43	9♍ 4	11♎10	12♌ 2	23♋53	11♑ 1	22°R46	18♌ 8	19♐28	0♏49	2♏ 9	15♍15	n.a.	T 1
F 2	23 59 42	28°21'34	17° 1	10°23	12°25	13°39	24° 2	11° 1	22♑46	18°10	19°28	0°50	2° 5	15°22	n.a.	F 2
S 3	0 3 39	29°22'07	29°55	11°44	13°41	13°16	24°10	11° 2	22°45	18°12	19°29	0°R51	2° 2	15°28	n.a.	S 3
S 4	0 7 35	0♎22'41	12♋29	13° 9	14°56	13°53	24°19	11° 3	22°45	18°13	19°30	0°50	1°59	15°35	n.a.	S 4
M 5	0 11 32	1°23'17	24°46	14°35	16°11	14°30	24°27	11° 4	22°44	18°15	19°30	0°48	1°56	15°42	n.a.	M 5
T 6	0 15 28	2°23'56	6♌52	16° 3	17°26	15° 7	24°36	11° 5	22°44	18°17	19°31	0°44	1°53	15°48	n.a.	T 6
W 7	0 19 25	3°24'36	18°49	17°33	18°41	15°44	24°44	11° 6	22°44	18°19	19°31	0°40	1°50	15°55	n.a.	W 7
T 8	0 23 21	4°25'18	0♍41	19° 4	19°56	16°21	24°52	11° 7	22°43	18°20	19°32	0°35	1°46	16° 2	n.a.	T 8
F 9	0 27 18	5°26'01	12°30	20°36	21°11	16°58	25° 0	11° 9	22°43	18°22	19°33	0°30	1°43	16° 8	n.a.	F 9
S 10	0 31 14	6°26'46	24°20	22° 8	22°27	17°35	25° 7	11°10	22°43	18°24	19°34	0°26	1°40	16°15	n.a.	S 10
S 11	0 35 11	7°27'33	6♎12	23°42	23°42	18°11	25°15	11°12	22°43	18°25	19°34	0°23	1°37	16°22	n.a.	S 11
M12	0 39 7	8°28'21	18° 9	25°15	24°57	18°48	25°23	11°13	22°43	18°27	19°35	0°21	1°34	16°28	n.a.	M12
T 13	0 43 4	9°29'11	0♏10	26°49	26°12	19°25	25°30	11°15	22°D43	18°28	19°36	0°D21	1°30	16°35	n.a.	T 13
W14	0 47 1	10°30'02	12°20	28°24	27°27	20° 2	25°37	11°17	22°43	18°30	19°37	0°21	1°27	16°42	n.a.	W14
T 15	0 50 57	11°30'55	24°40	29°58	28°42	20°39	25°44	11°19	22°43	18°32	19°38	0°22	1°24	16°48	n.a.	T 15
F 16	0 54 54	12°31'48	7♐12	1♎33	29°57	21°16	25°51	11°21	22°43	18°33	19°39	0°24	1°21	16°55	n.a.	F 16
S 17	0 58 50	13°32'43	20° 0	3° 8	1♏12	21°52	25°58	11°23	22°43	18°35	19°40	0°25	1°18	17° 2	n.a.	S 17
S 18	1 2 47	14°33'39	3♑ 6	4°42	2°27	22°29	26° 5	11°25	22°43	18°36	19°41	0°26	1°15	17° 8	n.a.	S 18
M19	1 6 43	15°34'36	16°33	6°17	3°42	23° 6	26°11	11°28	22°43	18°37	19°42	0°R27	1°11	17°15	n.a.	M19
T 20	1 10 40	16°35'33	0♒23	7°52	4°57	23°42	26°17	11°30	22°44	18°39	19°43	0°26	1° 8	17°22	n.a.	T 20
W21	1 14 36	17°36'32	14°35	9°27	6°12	24°19	26°24	11°33	22°44	18°40	19°44	0°25	1° 5	17°29	n.a.	W21
T 22	1 18 33	18°37'31	29° 8	11° 1	7°27	24°56	26°30	11°35	22°45	18°41	19°45	0°24	1° 2	17°35	n.a.	T 22
F 23	1 22 30	19°38'32	13♓59	12°36	8°42	25°32	26°35	11°38	22°45	18°43	19°46	0°22	0°59	17°42	n.a.	F 23
S 24	1 26 26	20°39'33	28°59	14°10	9°57	26° 9	26°41	11°41	22°46	18°44	19°47	0°21	0°55	17°49	n.a.	S 24
S 25	1 30 23	21°40'35	14♈ 2	15°45	11°12	26°45	26°47	11°44	22°46	18°45	19°48	0°21	0°52	17°55	n.a.	S 25
M26	1 34 19	22°41'38	28°57	17°19	12°27	27°22	26°52	11°47	22°47	18°46	19°49	0°D20	0°49	18° 2	n.a.	M26
T 27	1 38 16	23°42'42	13♉38	18°54	13°42	27°58	26°57	11°50	22°47	18°48	19°51	0°20	0°46	18° 9	n.a.	T 27
W28	1 42 12	24°43'48	27°57	20°28	14°57	28°35	27° 2	11°54	22°48	18°49	19°52	0°21	0°43	18°15	n.a.	W28
T 29	1 46 9	25°44'54	11♊51	22° 2	16°12	29°11	27° 7	11°57	22°49	18°50	19°53	0°21	0°40	18°22	n.a.	T 29
F 30	1 50 5	26°46'02	25°19	23°37	17°27	29°48	27°12	12° 0	22°50	18°51	19°54	0°22	0°36	18°29	n.a.	F 30
S 31	1 54 2	27♎47'11	8♋21	25♎11	18♏42	0♍24	27♋17	12♑ 4	22♑51	18♌52	19♐56	0♏22	0♏33	18♍35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1n 4	18n27	2s50	10n18	2n10	4s 4	0n28	18n49	1n24	22n29	0n49	24s20	0s58	22s33	0s41	16n52	1n17	27s30	4s 7	11s57	12s25	2n27			n.a.
F 2	0 40	19 26	3 46	9 48	2 10	4 36	0 26	18 39	1 25	22 28	0 49	24 20	0 58	22 33	0 41	16 52	1 18	27 30	4 7	11 57	12 24	2 25			n.a.
S 3	0 15	19 21	4 29	9 16	2 10	5 8	0 23	18 28	1 25	22 27	0 49	24 19	0 58	22 33	0 41	16 51	1 18	27 30	4 7	11 57	12 23	2 23			n.a.
S 4	0s 9	18 18	4 57	8 42	2 8	5 39	0 21	18 18	1 25	22 25	0 50	24 19	0 58	22 33	0 41	16 51	1 18	27 30	4 7	11 57	12 22	2 21			n.a.
M 5	0 34	16 25	5 12	8 6	2 6	6 11	0 18	18 7	1 26	22 24	0 50	24 19	0 58	22 33	0 41	16 50	1 18	27 30	4 7	11 56	12 20	2 19			n.a.
T 6	0 58	13 50	5 11	7 29	2 4	6 42	0 16	17 56	1 26	22 23	0 50	24 19	0 58	22 33	0 41	16 50	1 18	27 31	4 7	11 55	12 19	2 16			n.a.
W 7	1 23	10 43	4 58	6 51	2 1	7 14	0 14	17 46	1 27	22 21	0 50	24 19	0 58	22 33	0 41	16 49	1 18	27 31	4 7	11 54	12 18	2 14			n.a.
T 8	1 47	7 11	4 31	6 11	1 57	7 45	0 11	17 35	1 27	22 20	0 51	24 19	0 58	22 33	0 41	16 49	1 18	27 31	4 7	11 52	12 17	2 12			n.a.
F 9	2 12	3 23	3 54	5 31	1 53	8 16	0 9	17 24	1 27	22 19	0 51	24 19	0 58	22 33	0 40	16 48	1 18	27 31	4 7	11 50	12 16	2 10			n.a.
S 10	2 36	0s33	3 5	4 50	1 49	8 47	0 6	17 12	1 28	22 18	0 51	24 19	0 58	22 33	0 40	16 48	1 18	27 31	4 6	11 49	12 15	2 8			n.a.
S 11	3 0	4 29	2 9	4 8	1 44	9 17	0 4	17 1	1 28	22 17	0 51	24 19	0 58	22 33	0 40	16 47	1 18	27 31	4 6	11 48	12 14	2 6			n.a.
M12	3 25	8 15	1 7	3 25	1 39	9 48	0 1	16 50	1 28	22 15	0 51	24 18	0 58	22 33	0 40	16 47	1 18	27 31	4 6	11 47	12 13	2 4			n.a.
T 13	3 49	11 44	0 1	2 42	1 33	10 18	0s 1	16 38	1 29	22 14	0 52	24 18	0 57	22 33	0 40	16 46	1 18	27 31	4 6	11 47	12 11	2 2			n.a.
W14	4 13	14 45	1n 6	1 59	1 28	10 48	0 4	16 27	1 29	22 13	0 52	24 18	0 57	22 33	0 40	16 46	1 18	27 31	4 6	11 47	12 10	2 0			n.a.
T 15	4 38	17 8	2 11	1 16	1 22	11 17	0 6	16 15	1 29	22 12	0 52	24 18	0 57	22 33	0 40	16 45	1 18	27 31	4 6	11 47	12 9	1 58			n.a.
F 16	5 2	18 45	3 10	0 32	1 16	11 47	0 9	16 4	1 30	22 11	0 52	24 18	0 57	22 33	0 40	16 45	1 18	27 31	4 6	11 48	12 8	1 56			n.a.
S 17	5 26	19 26	4 2	0s12	1 10	12 16	0 11	15 52	1 30	22 10	0 53	24 17	0 57	22 33	0 40	16 45	1 18	27 31	4 6	11 48	12 7	1 54			n.a.
S 18	5 50	19 6	4 42	0 56	1 4	12 44	0 14	15 40	1 30	22 9	0 53	24 17	0 57	22 33	0 40	16 44	1 18	27 31	4 6	11 49	12 6	1 52			n.a.
M19	6 14	17 42	5 8	1 40	0 58	13 13	0 16	15 28	1 31	22 8	0 53	24 17	0 57	22 33	0 40	16 44	1 18	27 31	4 6	11 49	12 5	1 50			n.a.
T 20	6 38	15 15	5 17	2 23	0 51	13 41	0 19	15 16	1 31	22 7	0 53	24 17	0 57	22 33	0 40	16 43	1 18	27 31	4 6	11 49	12 4	1 48			n.a.
W21	7 1	11 50	5 7	3 7	0 45	14 9	0 21	15 4	1 31	22 6	0 54	24 16	0 57	22 32	0 40	16 43	1 18	27 31	4 6	11 48	12 3	1 46			n.a.
T 22	7 25	7 37	4 38	3 51	0 38	14 36	0 24	14 52	1 32	22 5	0 54	24 16	0 57	22 32	0 40	16 43	1 18	27 31	4 6	11 48	12 1	1 44			n.a.
F 23	7 48	2 53	3 50	4 34	0 31	15 3	0 26	14 40	1 32	22 4	0 54	24 16	0 57	22 32	0 40	16 42	1 18	27 31	4 6	11 47	12 0	1 42			n.a.
S 24	8 12	2n 7	2 45	5 18	0 25	15 30	0 29	14 27	1 32	22 3	0 54	24 16	0 57	22 32	0 40	16 42	1 18	27 31	4 6	11 47	11 59	1 40			n.a.
S 25	8 35	6 59	1 29	6 1	0 18	15 56	0 31	14 15	1 33	22 2	0 55	24 15	0 57	22 32	0 40	16 42	1 19	27 31	4 6	11 47	11 58	1 38			n.a.
M26	8 58	11 24	0 8	6 44	0 12	16 22	0 34	14 2	1 33	22 2	0 55	24 15	0 57	22 32	0 40	16 41	1 19	27 31	4 6	11 47	11 57	1 36			n.a.
T 27	9 21	15 2	1s13	7 27	0 5	16 47	0 36	13 50	1 33	22 1	0 55	24 15	0 57	22 32	0 40	16 41	1 19	27 32	4 6	11 47	11 56	1 34			n.a.
W28	9 44	17 38	2 28	8 9	0s 2	17 12	0 39	13 37	1 34	22 0	0 55	24 14	0 57	22 32	0 40	16 41	1 19	27 32	4 6	11 47	11 55	1 31			n.a.
T 29	10 7	19 6	3 31	8 51	0 8	17 37	0 41	13 25	1 34	21 59	0 56	24 14	0 57	22 31	0 40	16 40	1 19	27 32	4 6	11 47	11 53	1 29			n.a.
F 30	10 29	19 25	4 20	9 32	0 15	18 1	0 44	13 12	1 34	21 59	0 56	24 14	0 57	22 31	0 40	16 40	1 19	27 32	4 6	11 47	11 52	1 27			n.a.
S 31	10s51	18n40	4s55	10s14	0s21	18s24	0s46	12n59	1n35	21n58	0n56	24s13	0s57	22s31	0s40	16n40	1n19	27s32	4s 6	11s47	11s51	1n25			n.a.

Julian Day Number = 1287414.5, Delta T = 08h02m25s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'35, Lahiri = -20°21'35 Julian Calendar 1 Oct. 1189 BCE == Greg. Calendar 20 Sept. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

NOVEMBER 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 59	28♎48'21	21♋ 0	26♎45	19♏57	1♍ 0	27♋21	12♑ 7	22♑52	18♘53	19♐57	0♏22	0♏30	18♍42	n.a.	S 1
M 2	2 1 55	29°49'32	3♘20	28°20	21°12	1°37	27°25	12°11	22°53	18°54	19°58	0°22	0°27	18°49	n.a.	M 2
T 3	2 5 52	0♏50'43	15°25	29°54	22°27	2°13	27°29	12°15	22°54	18°55	20° 0	0°22	0°24	18°55	n.a.	T 3
W 4	2 9 48	1°51'56	27°21	1♏29	23°41	2°49	27°33	12°19	22°55	18°56	20° 1	0°22	0°21	19° 2	n.a.	W 4
T 5	2 13 45	2°53'10	9♍11	3° 3	24°56	3°25	27°37	12°23	22°56	18°57	20° 2	0°23	0°17	19° 9	n.a.	T 5
F 6	2 17 41	3°54'24	21° 0	4°38	26°11	4° 2	27°40	12°27	22°57	18°58	20° 4	0°23	0°14	19°15	n.a.	F 6
S 7	2 21 38	4°55'40	2♎51	6°12	27°26	4°38	27°44	12°31	22°58	18°59	20° 5	0°23	0°11	19°22	n.a.	S 7
S 8	2 25 34	5°56'56	14°48	7°47	28°41	5°14	27°47	12°35	23° 0	19° 0	20° 7	0°24	0° 8	19°29	n.a.	S 8
M 9	2 29 31	6°58'12	26°53	9°22	29°56	5°50	27°50	12°40	23° 1	19° 0	20° 8	0°R24	0° 5	19°35	n.a.	M 9
T 10	2 33 28	7°59'29	9♏ 7	10°58	1♐10	6°26	27°53	12°44	23° 2	19° 1	20°10	0°24	0° 1	19°42	n.a.	T 10
W11	2 37 24	9° 0'47	21°33	12°33	2°25	7° 2	27°55	12°48	23° 4	19° 2	20°11	0°23	29♎58	19°49	n.a.	W11
T 12	2 41 21	10° 2'05	4♐11	14° 8	3°40	7°38	27°58	12°53	23° 5	19° 2	20°13	0°22	29°55	19°55	n.a.	T 12
F 13	2 45 17	11° 3'23	17° 2	15°44	4°55	8°14	28° 0	12°58	23° 7	19° 3	20°14	0°21	29°52	20° 2	n.a.	F 13
S 14	2 49 14	12° 4'42	0♑ 6	17°20	6° 9	8°50	28° 2	13° 2	23° 8	19° 4	20°16	0°19	29°49	20° 9	n.a.	S 14
S 15	2 53 10	13° 6'00	13°25	18°56	7°24	9°26	28° 4	13° 7	23°10	19° 4	20°17	0°18	29°46	20°16	n.a.	S 15
M16	2 57 7	14° 7'18	26°57	20°32	8°39	10° 1	28° 6	13°12	23°12	19° 5	20°19	0°17	29°42	20°22	n.a.	M16
T 17	3 1 4	15° 8'37	10♒44	22° 9	9°53	10°37	28° 7	13°17	23°13	19° 5	20°20	0°D16	29°39	20°29	n.a.	T 17
W18	3 5 0	16° 9'55	24°45	23°45	11° 8	11°13	28° 8	13°22	23°15	19° 6	20°22	0°16	29°36	20°36	n.a.	W18
T 19	3 8 57	17°11'13	8♓59	25°22	12°23	11°48	28° 9	13°27	23°17	19° 6	20°24	0°17	29°33	20°42	n.a.	T 19
F 20	3 12 53	18°12'30	23°24	26°59	13°37	12°24	28°10	13°32	23°19	19° 7	20°25	0°18	29°30	20°49	n.a.	F 20
S 21	3 16 50	19°13'47	7♈57	28°36	14°52	13° 0	28°11	13°37	23°21	19° 7	20°27	0°20	29°27	20°56	n.a.	S 21
S 22	3 20 46	20°15'04	22°33	0♐13	16° 6	13°35	28°12	13°43	23°22	19° 7	20°29	0°20	29°23	21° 2	n.a.	S 22
M23	3 24 43	21°16'21	7♉ 7	1°51	17°21	14°11	28°12	13°48	23°24	19° 8	20°30	0°R20	29°20	21° 9	n.a.	M23
T 24	3 28 39	22°17'38	21°32	3°28	18°35	14°46	28°R12	13°54	23°26	19° 8	20°32	0°19	29°17	21°16	n.a.	T 24
W25	3 32 36	23°18'55	5♊42	5° 5	19°50	15°21	28°12	13°59	23°28	19° 8	20°34	0°17	29°14	21°22	n.a.	W25
T 26	3 36 33	24°20'11	19°34	6°42	21° 4	15°57	28°12	14° 5	23°31	19° 8	20°36	0°14	29°11	21°29	n.a.	T 26
F 27	3 40 29	25°21'28	3♋ 4	8°19	22°19	16°32	28°11	14°10	23°33	19° 9	20°37	0°10	29° 7	21°36	n.a.	F 27
S 28	3 44 26	26°22'44	16°10	9°55	23°33	17° 7	28°11	14°16	23°35	19° 9	20°39	0° 6	29° 4	21°42	n.a.	S 28
S 29	3 48 22	27°24'00	28°54	11°31	24°48	17°42	28°10	14°22	23°37	19° 9	20°41	0° 2	29° 1	21°49	n.a.	S 29
M30	3 52 19	28♏25'16	11♘19	13♐ 7	26♐ 2	18♍18	28♋ 9	14♑28	23♑39	19♘ 9	20♐43	29♎59	28♎58	21♍56	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s14	17n 0	5s14	10s54	0s27	18s48	0s48	12n46	1n35	21n57	0n57	24s13	0s57	22s31	0s40	16n39	1n19	27s32	4s 6	11s47	11s50	1n23		n.a.
M 2	11 36	14 35	5 18	11 35	0 34	19 10	0 51	12 33	1 35	21 57	0 57	24 13	0 57	22 31	0 40	16 39	1 19	27 32	4 6	11 47	11 49	1 21		n.a.
T 3	11 57	11 35	5 7	12 14	0 40	19 32	0 53	12 21	1 36	21 56	0 57	24 12	0 57	22 30	0 40	16 39	1 19	27 32	4 6	11 47	11 48	1 19		n.a.
W 4	12 19	8 10	4 43	12 54	0 46	19 54	0 55	12 8	1 36	21 56	0 57	24 12	0 57	22 30	0 40	16 39	1 19	27 32	4 6	11 47	11 47	1 17		n.a.
T 5	12 40	4 26	4 8	13 32	0 52	20 15	0 58	11 55	1 36	21 55	0 58	24 12	0 57	22 30	0 40	16 38	1 19	27 32	4 6	11 47	11 46	1 15		n.a.
F 6	13 2	0 32	3 22	14 11	0 58	20 35	1 0	11 41	1 37	21 55	0 58	24 11	0 57	22 30	0 40	16 38	1 19	27 32	4 6	11 48	11 44	1 13		n.a.
S 7	13 23	3s24	2 27	14 48	1 3	20 55	1 2	11 28	1 37	21 54	0 58	24 11	0 57	22 30	0 40	16 38	1 19	27 33	4 6	11 48	11 43	1 11		n.a.
S 8	13 43	7 14	1 26	15 25	1 9	21 14	1 4	11 15	1 37	21 54	0 58	24 10	0 57	22 29	0 40	16 38	1 19	27 33	4 6	11 48	11 42	1 9		n.a.
M 9	14 4	10 50	0 20	16 1	1 14	21 33	1 6	11 2	1 38	21 54	0 59	24 10	0 57	22 29	0 40	16 37	1 19	27 33	4 6	11 48	11 41	1 7		n.a.
T 10	14 24	14 1	0n48	16 37	1 20	21 51	1 8	10 49	1 38	21 53	0 59	24 10	0 57	22 29	0 40	16 37	1 19	27 33	4 6	11 48	11 40	1 5		n.a.
W11	14 44	16 36	1 55	17 12	1 25	22 8	1 10	10 35	1 38	21 53	0 59	24 9	0 57	22 28	0 40	16 37	1 19	27 33	4 6	11 48	11 39	1 3		n.a.
T 12	15 4	18 26	2 57	17 46	1 29	22 25	1 12	10 22	1 39	21 53	1 0	24 9	0 57	22 28	0 39	16 37	1 19	27 33	4 6	11 47	11 38	1 1		n.a.
F 13	15 23	19 22	3 51	18 19	1 34	22 41	1 14	10 9	1 39	21 53	1 0	24 8	0 57	22 28	0 39	16 37	1 20	27 33	4 6	11 47	11 36	0 59		n.a.
S 14	15 43	19 16	4 34	18 51	1 38	22 56	1 16	9 55	1 39	21 53	1 0	24 8	0 57	22 28	0 39	16 37	1 20	27 33	4 6	11 46	11 35	0 57		n.a.
S 15	16 2	18 7	5 3	19 23	1 43	23 11	1 18	9 42	1 40	21 53	1 0	24 7	0 57	22 27	0 39	16 37	1 20	27 34	4 6	11 46	11 34	0 55		n.a.
M16	16 20	15 57	5 16	19 53	1 47	23 25	1 20	9 28	1 40	21 52	1 1	24 7	0 57	22 27	0 39	16 36	1 20	27 34	4 6	11 45	11 33	0 53		n.a.
T 17	16 39	12 50	5 11	20 23	1 50	23 39	1 22	9 15	1 40	21 52	1 1	24 6	0 57	22 27	0 39	16 36	1 20	27 34	4 6	11 45	11 32	0 51		n.a.
W18	16 57	8 58	4 48	20 51	1 54	23 51	1 23	9 1	1 40	21 52	1 1	24 6	0 57	22 26	0 39	16 36	1 20	27 34	4 6	11 45	11 31	0 49		n.a.
T 19	17 15	4 31	4 7	21 18	1 57	24 3	1 25	8 48	1 41	21 53	1 2	24 5	0 57	22 26	0 39	16 36	1 20	27 34	4 6	11 45	11 30	0 47		n.a.
F 20	17 32	0n15	3 10	21 44	1 59	24 14	1 27	8 34	1 41	21 53	1 2	24 5	0 57	22 26	0 39	16 36	1 20	27 34	4 6	11 46	11 29	0 45		n.a.
S 21	17 49	5 3	2 1	22 9	2 2	24 25	1 28	8 21	1 41	21 53	1 2	24 4	0 57	22 25	0 39	16 36	1 20	27 34	4 6	11 46	11 27	0 43		n.a.
S 22	18 6	9 35	0 43	22 33	2 4	24 35	1 30	8 7	1 42	21 53	1 2	24 4	0 57	22 25	0 39	16 36	1 20	27 34	4 6	11 47	11 26	0 41		n.a.
M23	18 22	13 31	0s37	22 55	2 5	24 44	1 31	7 53	1 42	21 53	1 3	24 3	0 57	22 25	0 39	16 36	1 20	27 35	4 6	11 47	11 25	0 39		n.a.
T 24	18 39	16 36	1 54	23 16	2 6	24 52	1 32	7 40	1 42	21 53	1 3	24 2	0 57	22 24	0 39	16 36	1 20	27 35	4 6	11 46	11 24	0 37		n.a.
W25	18 54	18 37	3 3	23 35	2 7	25 0	1 34	7 26	1 42	21 54	1 3	24 2	0 57	22 24	0 39	16 36	1 20	27 35	4 6	11 45	11 23	0 35		n.a.
T 26	19 10	19 27	3 59	23 53	2 7	25 6	1 35	7 12	1 43	21 54	1 4	24 1	0 57	22 23	0 39	16 36	1 20	27 35	4 6	11 44	11 22	0 33		n.a.
F 27	19 25	19 8	4 40	24 9	2 7	25 12	1 36	6 59	1 43	21 54	1 4	24 1	0 57	22 23	0 39	16 36	1 20	27 35	4 6	11 43	11 21	0 31		n.a.
S 28	19 40	17 47	5 5	24 23	2 6	25 18	1 37	6 45	1 43	21 55	1 4	24 0	0 57	22 23	0 39	16 36	1 20	27 35	4 6	11 41	11 19	0 29		n.a.
S 29	19 54	15 36	5 14	24 36	2 5	25 22	1 38	6 31	1 44	21 55	1 5	23 59	0 57	22 22	0 39	16 36	1 20	27 36	4 6	11 40	11 18	0 26		n.a.
M30	20s 8	12n44	5s 8	24s47	2s 3	25s26	1s39	6n17	1n44	21n56	1n 5	23s59	0s57	22s22	0s39	16n36	1n20	27s36	4s 6	11s39	11s17	0n24		n.a.

Julian Day Number = 1287445.5, Delta T = 08h02m23s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'31, Lahiri = -20°21'31 Julian Calendar 1 Nov. 1189 BCE == Greg. Calendar 21 Oct. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1189 BCE
geocentric

DECEMBER 1189 BCE (-1188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 15	29♏26'32	23♌27	14♐41	27♐16	18♍53	28°R 7	14♑34	23♑42	19°R 9	20♐44	29°R58	28♎55	22♍ 2	n.a.	T 1
W 2	4 0 12	0♐27'48	5♍24	16°15	28°31	19°28	28♋ 6	14°39	23°44	19♌ 9	20°46	29°D58	28°52	22° 9	n.a.	W 2
T 3	4 4 9	1°29'03	17°14	17°47	29°45	20° 3	28° 4	14°45	23°46	19° 9	20°48	29♎59	28°48	22°16	n.a.	T 3
F 4	4 8 5	2°30'19	29° 3	19°17	0♑59	20°38	28° 3	14°52	23°49	19° 9	20°50	0♏ 1	28°45	22°22	n.a.	F 4
S 5	4 12 2	3°31'34	10♎56	20°45	2°13	21°12	28° 0	14°58	23°51	19° 9	20°52	0° 2	28°42	22°29	n.a.	S 5
S 6	4 15 58	4°32'48	22°56	22°11	3°28	21°47	27°58	15° 4	23°54	19° 9	20°54	0° 4	28°39	22°36	n.a.	S 6
M 7	4 19 55	5°34'02	5♏ 8	23°34	4°42	22°22	27°56	15°10	23°56	19° 8	20°55	0°R 4	28°36	22°42	n.a.	M 7
T 8	4 23 51	6°35'16	17°35	24°53	5°56	22°57	27°53	15°16	23°59	19° 8	20°57	0° 2	28°32	22°49	n.a.	T 8
W 9	4 27 48	7°36'29	0♐18	26° 9	7°10	23°31	27°51	15°23	24° 1	19° 8	20°59	29♎59	28°29	22°56	n.a.	W 9
T 10	4 31 44	8°37'41	13°17	27°19	8°24	24° 6	27°48	15°29	24° 4	19° 8	21° 1	29°54	28°26	23° 2	n.a.	T 10
F 11	4 35 41	9°38'53	26°33	28°23	9°38	24°40	27°44	15°36	24° 7	19° 7	21° 3	29°47	28°23	23° 9	n.a.	F 11
S 12	4 39 38	10°40'04	10♑ 3	29°22	10°52	25°14	27°41	15°42	24° 9	19° 7	21° 5	29°40	28°20	23°16	n.a.	S 12
S 13	4 43 34	11°41'14	23°46	0♑13	12° 6	25°49	27°38	15°49	24°12	19° 7	21° 7	29°33	28°17	23°22	n.a.	S 13
M14	4 47 31	12°42'22	7♒37	0°55	13°20	26°23	27°34	15°55	24°15	19° 6	21° 9	29°27	28°13	23°29	n.a.	M14
T 15	4 51 27	13°43'30	21°36	1°29	14°34	26°57	27°30	16° 2	24°18	19° 6	21°10	29°23	28°10	23°36	n.a.	T 15
W16	4 55 24	14°44'36	5♓39	1°53	15°48	27°31	27°26	16° 8	24°20	19° 5	21°12	29°20	28° 7	23°42	n.a.	W16
T 17	4 59 20	15°45'40	19°46	2° 7	17° 1	28° 5	27°22	16°15	24°23	19° 5	21°14	29°D20	28° 4	23°49	n.a.	T 17
F 18	5 3 17	16°46'44	3♈54	2°R 9	18°15	28°39	27°17	16°22	24°26	19° 4	21°16	29°21	28° 1	23°56	n.a.	F 18
S 19	5 7 13	17°47'46	18° 3	2° 0	19°29	29°13	27°13	16°29	24°29	19° 4	21°18	29°22	27°58	24° 2	n.a.	S 19
S 20	5 11 10	18°48'46	2♉10	1°40	20°42	29°47	27° 8	16°35	24°32	19° 3	21°20	29°R23	27°54	24° 9	n.a.	S 20
M21	5 15 7	19°49'45	16°15	1° 8	21°56	0♎20	27° 3	16°42	24°35	19° 2	21°22	29°21	27°51	24°16	n.a.	M21
T 22	5 19 3	20°50'43	0♊13	0°26	23°10	0°54	26°58	16°49	24°38	19° 2	21°24	29°18	27°48	24°22	n.a.	T 22
W23	5 23 0	21°51'40	14° 2	29♐34	24°23	1°27	26°53	16°56	24°41	19° 1	21°26	29°11	27°45	24°29	n.a.	W23
T 24	5 26 56	22°52'35	27°37	28°35	25°36	2° 1	26°48	17° 3	24°44	19° 0	21°28	29° 3	27°42	24°36	n.a.	T 24
F 25	5 30 53	23°53'29	10♋56	27°28	26°50	2°34	26°42	17°10	24°47	19° 0	21°29	28°53	27°38	24°42	n.a.	F 25
S 26	5 34 49	24°54'22	23°57	26°18	28° 3	3° 7	26°37	17°17	24°50	18°59	21°31	28°43	27°35	24°49	n.a.	S 26
S 27	5 38 46	25°55'14	6♌39	25° 5	29°16	3°41	26°31	17°24	24°53	18°58	21°33	28°33	27°32	24°56	n.a.	S 27
M28	5 42 43	26°56'04	19° 4	23°52	0♒30	4°14	26°25	17°31	24°56	18°57	21°35	28°25	27°29	25° 2	n.a.	M28
T 29	5 46 39	27°56'53	1♍13	22°41	1°43	4°47	26°19	17°38	24°59	18°56	21°37	28°19	27°26	25° 9	n.a.	T 29
W30	5 50 36	28°57'41	13°11	21°33	2°56	5°19	26°13	17°45	25° 2	18°55	21°39	28°15	27°23	25°16	n.a.	W30
T 31	5 54 32	29♐58'28	25♍ 1	20♐30	4♒ 9	5♎52	26♋ 6	17♑52	25♑ 6	18♌54	21♐41	28°D13	27♎19	25♍22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s22	9n24	4s48	24s55	2s 0	25s28	1s40	6n 4	1n44	21n56	1n 5	23s58	0s57	22s21	0s39	16n36	1n21	27s36	4s 6	11s39	11s16	0n22			n.a.
W 2	20 35	5 43	4 16	25 3	1 57	25 31	1 41	5 50	1 44	21 57	1 5	23 57	0 57	22 21	0 39	16 36	1 21	27 36	4 6	11 39	11 15	0 20			n.a.
T 3	20 48	1 51	3 33	25 8	1 52	25 32	1 42	5 36	1 45	21 58	1 6	23 57	0 57	22 21	0 39	16 36	1 21	27 36	4 6	11 39	11 14	0 18			n.a.
F 4	21 0	2s 5	2 42	25 11	1 47	25 32	1 43	5 23	1 45	21 58	1 6	23 56	0 57	22 20	0 39	16 36	1 21	27 36	4 6	11 40	11 13	0 16			n.a.
S 5	21 12	5 58	1 43	25 12	1 42	25 32	1 43	5 9	1 45	21 59	1 6	23 55	0 57	22 20	0 39	16 36	1 21	27 37	4 6	11 40	11 11	0 14			n.a.
S 6	21 24	9 40	0 39	25 11	1 35	25 31	1 44	4 55	1 45	22 0	1 7	23 55	0 57	22 19	0 39	16 36	1 21	27 37	4 7	11 41	11 10	0 12			n.a.
M 7	21 35	13 1	0n28	25 7	1 27	25 29	1 44	4 41	1 46	22 0	1 7	23 54	0 57	22 19	0 39	16 36	1 21	27 37	4 7	11 41	11 9	0 10			n.a.
T 8	21 46	15 51	1 34	25 2	1 18	25 26	1 45	4 28	1 46	22 1	1 7	23 53	0 57	22 18	0 39	16 36	1 21	27 37	4 7	11 40	11 8	0 8			n.a.
W 9	21 56	17 59	2 37	24 55	1 9	25 23	1 45	4 14	1 46	22 2	1 7	23 53	0 57	22 18	0 39	16 37	1 21	27 37	4 7	11 39	11 7	0 6			n.a.
T 10	22 6	19 14	3 33	24 46	0 58	25 19	1 45	4 0	1 46	22 3	1 8	23 52	0 57	22 17	0 39	16 37	1 21	27 38	4 7	11 37	11 6	0 4			n.a.
F 11	22 16	19 28	4 19	24 35	0 46	25 14	1 45	3 47	1 47	22 4	1 8	23 51	0 57	22 17	0 39	16 37	1 21	27 38	4 7	11 35	11 4	0 2			n.a.
S 12	22 25	18 36	4 52	24 23	0 33	25 8	1 46	3 33	1 47	22 5	1 8	23 50	0 57	22 16	0 39	16 37	1 21	27 38	4 7	11 32	11 3	0 0			n.a.
S 13	22 33	16 39	5 8	24 9	0 19	25 2	1 46	3 19	1 47	22 6	1 8	23 50	0 57	22 16	0 39	16 37	1 21	27 38	4 7	11 30	11 2	0s 2			n.a.
M14	22 42	13 44	5 6	23 54	0 4	24 54	1 46	3 6	1 47	22 7	1 9	23 49	0 57	22 15	0 39	16 37	1 21	27 38	4 7	11 27	11 1	0 4			n.a.
T 15	22 49	10 1	4 47	23 37	0n12	24 46	1 45	2 52	1 48	22 8	1 9	23 48	0 57	22 15	0 39	16 38	1 21	27 38	4 7	11 26	11 0	0 6			n.a.
W16	22 57	5 44	4 10	23 20	0 29	24 37	1 45	2 39	1 48	22 9	1 9	23 47	0 57	22 14	0 39	16 38	1 21	27 39	4 7	11 25	10 59	0 8			n.a.
T 17	23 3	1 6	3 18	23 2	0 47	24 28	1 45	2 25	1 48	22 10	1 10	23 46	0 57	22 14	0 39	16 38	1 21	27 39	4 7	11 25	10 58	0 10			n.a.
F 18	23 10	3n36	2 13	22 44	1 5	24 18	1 45	2 12	1 48	22 11	1 10	23 46	0 57	22 13	0 39	16 38	1 21	27 39	4 7	11 25	10 56	0 12			n.a.
S 19	23 16	8 8	1 1	22 25	1 24	24 7	1 44	1 58	1 48	22 12	1 10	23 45	0 57	22 13	0 39	16 38	1 21	27 39	4 7	11 26	10 55	0 14			n.a.
S 20	23 21	12 11	0s15	22 7	1 43	23 55	1 44	1 45	1 49	22 14	1 10	23 44	0 57	22 12	0 39	16 39	1 22	27 39	4 7	11 26	10 54	0 16			n.a.
M21	23 26	15 32	1 30	21 48	2 1	23 42	1 43	1 31	1 49	22 15	1 11	23 43	0 57	22 12	0 39	16 39	1 22	27 40	4 7	11 25	10 53	0 18			n.a.
T 22	23 31	17 57	2 38	21 31	2 19	23 29	1 42	1 18	1 49	22 16	1 11	23 42	0 57	22 11	0 39	16 39	1 22	27 40	4 7	11 24	10 52	0 20			n.a.
W23	23 35	19 17	3 36	21 14	2 36	23 16	1 42	1 5	1 49	22 17	1 11	23 41	0 58	22 10	0 39	16 40	1 22	27 40	4 8	11 22	10 51	0 22			n.a.
T 24	23 38	19 28	4 21	20 58	2 52	23 1	1 41	0 51	1 49	22 19	1 11	23 41	0 58	22 10	0 39	16 40	1 22	27 40	4 8	11 19	10 49	0 24			n.a.
F 25	23 41	18 33	4 51	20 43	3 6	22 46	1 40	0 38	1 50	22 20	1 12	23 40	0 58	22 9	0 39	16 40	1 22	27 40	4 8	11 15	10 48	0 26			n.a.
S 26	23 44	16 41	5 4	20 29	3 18	22 30	1 39	0 25	1 50	22 21	1 12	23 39	0 58	22 9	0 39	16 40	1 22	27 41	4 8	11 12	10 47	0 28			n.a.
S 27	23 46	14 2	5 2	20 17	3 28	22 14	1 38	0 12	1 50	22 23	1 12	23 38	0 58	22 8	0 39	16 41	1 22	27 41	4 8	11 8	10 46	0 30			n.a.
M28	23 48	10 50	4 46	20 6	3 35	21 57	1 36	0s 2	1 50	22 24	1 12	23 37	0 58	22 8	0 39	16 41	1 22	27 41	4 8	11 5	10 45	0 32			n.a.
T 29	23 49	7 13	4 17	19 58	3 40	21 39	1 35	0 15	1 50	22 25	1 13	23 36	0 58	22 7	0 39	16 41	1 22	27 41	4 8	11 3	10 44	0 34			n.a.
W30	23 50	3 23	3 37	19 51	3 43	21 21	1 34	0 28	1 50	22 27	1 13	23 35	0 58	22 6	0 39	16 42	1 22	27 42	4 8	11 2	10 43	0 36			n.a.
T 31	23s50	0s33	2s48	19s46	3n44	21s 2	1s32	0s41	1n51	22n28	1n13	23s34	0s58	22s 6	0s39	16n42	1n22	27s42	4s 8	11s 1	10s41	0s38			n.a.

Julian Day Number = 1287475.5, Delta T = 08h02m22s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'27, Lahiri = -20°21'27 Julian Calendar 1 Dec. 1189 BCE == Greg. Calendar 20 Nov. 1189 BCE

The year -1188 astronomical counting style corresponds to year 1189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

JANUARY 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 58 29	0♉59'13	6♎50	19°R34	5♒22	6♎25	26°R 0	18♉ 0	25♉ 9	18°R54	21♐43	28♎13	27♎16	25♍29	n.a.	F 1
S 2	6 2 25	1°59'58	18°42	18♐44	6°35	6°57	25♋53	18° 7	25°12	18♌53	21°45	28°14	27°13	25°36	n.a.	S 2
S 3	6 6 22	3° 0'40	0♏44	18° 3	7°48	7°30	25°47	18°14	25°15	18°52	21°47	28°R14	27°10	25°42	n.a.	S 3
M 4	6 10 18	4° 1'22	12°59	17°29	9° 0	8° 2	25°40	18°21	25°18	18°50	21°48	28°13	27° 7	25°49	n.a.	M 4
T 5	6 14 15	5° 2'02	25°32	17° 3	10°13	8°34	25°33	18°29	25°22	18°49	21°50	28°10	27° 4	25°56	n.a.	T 5
W 6	6 18 12	6° 2'41	8♐27	16°46	11°26	9° 7	25°26	18°36	25°25	18°48	21°52	28° 4	27° 0	26° 2	n.a.	W 6
T 7	6 22 8	7° 3'18	21°44	16°36	12°38	9°38	25°19	18°43	25°28	18°47	21°54	27°55	26°57	26° 9	n.a.	T 7
F 8	6 26 5	8° 3'54	5♑22	16°D33	13°51	10°10	25°12	18°50	25°32	18°46	21°56	27°44	26°54	26°16	n.a.	F 8
S 9	6 30 1	9° 4'28	19°19	16°37	15° 3	10°42	25° 4	18°58	25°35	18°45	21°58	27°33	26°51	26°22	n.a.	S 9
S 10	6 33 58	10° 5'00	3♒30	16°48	16°16	11°14	24°57	19° 5	25°38	18°44	22° 0	27°21	26°48	26°29	n.a.	S 10
M11	6 37 54	11° 5'30	17°49	17° 5	17°28	11°45	24°50	19°12	25°42	18°43	22° 1	27°11	26°44	26°36	n.a.	M11
T 12	6 41 51	12° 5'59	2♓11	17°28	18°40	12°16	24°42	19°20	25°45	18°41	22° 3	27° 3	26°41	26°42	n.a.	T 12
W13	6 45 47	13° 6'25	16°31	17°56	19°52	12°48	24°35	19°27	25°48	18°40	22° 5	26°58	26°38	26°49	n.a.	W13
T 14	6 49 44	14° 6'49	0♈45	18°29	21° 4	13°19	24°27	19°35	25°52	18°39	22° 7	26°56	26°35	26°56	n.a.	T 14
F 15	6 53 41	15° 7'10	14°52	19° 7	22°16	13°50	24°19	19°42	25°55	18°37	22° 9	26°D55	26°32	27° 2	n.a.	F 15
S 16	6 57 37	16° 7'30	28°50	19°48	23°28	14°20	24°12	19°49	25°58	18°36	22°10	26°R55	26°29	27° 9	n.a.	S 16
S 17	7 1 34	17° 7'47	12♉39	20°34	24°40	14°51	24° 4	19°57	26° 2	18°35	22°12	26°54	26°25	27°16	n.a.	S 17
M18	7 5 30	18° 8'03	26°20	21°23	25°51	15°21	23°56	20° 4	26° 5	18°33	22°14	26°52	26°22	27°22	n.a.	M18
T 19	7 9 27	19° 8'16	9♊52	22°16	27° 3	15°52	23°48	20°12	26° 9	18°32	22°16	26°46	26°19	27°29	n.a.	T 19
W20	7 13 23	20° 8'27	23°15	23°11	28°14	16°22	23°41	20°19	26°12	18°31	22°17	26°38	26°16	27°36	n.a.	W20
T 21	7 17 20	21° 8'36	6♋27	24°10	29°26	16°52	23°33	20°26	26°15	18°29	22°19	26°27	26°13	27°42	n.a.	T 21
F 22	7 21 16	22° 8'42	19°26	25°11	0♓37	17°22	23°25	20°34	26°19	18°28	22°21	26°14	26°10	27°49	n.a.	F 22
S 23	7 25 13	23° 8'47	2♌12	26°14	1°48	17°51	23°17	20°41	26°22	18°26	22°22	26° 0	26° 6	27°56	n.a.	S 23
S 24	7 29 10	24° 8'50	14°44	27°20	2°59	18°21	23° 9	20°49	26°26	18°25	22°24	25°46	26° 3	28° 2	n.a.	S 24
M25	7 33 6	25° 8'51	27° 2	28°29	4°10	18°50	23° 1	20°56	26°29	18°24	22°26	25°35	26° 0	28° 9	n.a.	M25
T 26	7 37 3	26° 8'50	9♍ 8	29°39	5°21	19°19	22°54	21° 3	26°33	18°22	22°27	25°25	25°57	28°16	n.a.	T 26
W27	7 40 59	27° 8'46	21° 4	0♑51	6°31	19°48	22°46	21°11	26°36	18°21	22°29	25°19	25°54	28°22	n.a.	W27
T 28	7 44 56	28° 8'42	2♎53	2° 5	7°42	20°17	22°38	21°18	26°39	18°19	22°31	25°15	25°50	28°29	n.a.	T 28
F 29	7 48 52	29° 8'35	14°41	3°21	8°52	20°46	22°30	21°25	26°43	18°17	22°32	25°14	25°47	28°36	n.a.	F 29
S 30	7 52 49	0♒ 8'26	26°33	4°39	10° 3	21°14	22°22	21°33	26°46	18°16	22°34	25°14	25°44	28°42	n.a.	S 30
S 31	7 56 45	1♒ 8'16	8♏33	5♑58	11♓13	21♎42	22♋15	21♑40	26♑50	18♌14	22♐35	25♎14	25♎41	28♍49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23 s50	4 s28	1 s52	19 s44	3n42	20 s42	1 s31	0 s54	1n51	22n30	1n13	23 s33	0 s58	22 s 5	0 s39	16n42	1n22	27 s42	4 s 8	11 s 1	10 s40	0 s40		n.a.	F 1
S 2	23 49	8 14	0 51	19 43	3 38	20 22	1 29	1 7	1 51	22 31	1 13	23 32	0 58	22 5	0 39	16 43	1 22	27 42	4 8	11 1	10 39	0 42		n.a.	S 2
S 3	23 48	11 42	0n13	19 45	3 33	20 2	1 28	1 20	1 51	22 33	1 14	23 32	0 58	22 4	0 38	16 43	1 22	27 42	4 9	11 1	10 38	0 44		n.a.	S 3
M 4	23 46	14 45	1 18	19 48	3 27	19 41	1 26	1 32	1 51	22 34	1 14	23 31	0 58	22 3	0 38	16 43	1 22	27 43	4 9	11 1	10 37	0 46		n.a.	M 4
T 5	23 44	17 12	2 20	19 54	3 19	19 19	1 24	1 45	1 51	22 36	1 14	23 30	0 58	22 3	0 38	16 44	1 22	27 43	4 9	11 0	10 36	0 48		n.a.	T 5
W 6	23 42	18 50	3 17	20 1	3 10	18 57	1 22	1 58	1 51	22 37	1 14	23 29	0 58	22 2	0 38	16 44	1 22	27 43	4 9	10 57	10 34	0 50		n.a.	W 6
T 7	23 38	19 30	4 4	20 9	3 1	18 34	1 20	2 11	1 51	22 39	1 15	23 28	0 58	22 2	0 38	16 45	1 22	27 43	4 9	10 54	10 33	0 52		n.a.	T 7
F 8	23 35	19 4	4 39	20 19	2 50	18 11	1 18	2 23	1 52	22 40	1 15	23 27	0 58	22 1	0 38	16 45	1 22	27 44	4 9	10 50	10 32	0 54		n.a.	F 8
S 9	23 31	17 29	4 59	20 30	2 40	17 47	1 16	2 36	1 52	22 42	1 15	23 26	0 58	22 0	0 38	16 45	1 22	27 44	4 9	10 46	10 31	0 56		n.a.	S 9
S 10	23 27	14 50	5 0	20 42	2 29	17 23	1 14	2 48	1 52	22 43	1 15	23 25	0 58	22 0	0 38	16 46	1 23	27 44	4 9	10 42	10 30	0 58		n.a.	S 10
M11	23 22	11 16	4 43	20 55	2 18	16 59	1 11	3 1	1 52	22 45	1 15	23 24	0 58	21 59	0 38	16 46	1 23	27 44	4 9	10 38	10 29	1 0		n.a.	M11
T 12	23 16	7 1	4 7	21 8	2 6	16 34	1 9	3 13	1 52	22 46	1 15	23 23	0 58	21 58	0 38	16 47	1 23	27 44	4 10	10 35	10 27	1 2		n.a.	T 12
W13	23 11	2 24	3 17	21 22	1 55	16 9	1 6	3 25	1 52	22 48	1 16	23 22	0 59	21 58	0 38	16 47	1 23	27 45	4 10	10 34	10 26	1 4		n.a.	W13
T 14	23 4	2n21	2 14	21 37	1 43	15 43	1 4	3 37	1 52	22 49	1 16	23 21	0 59	21 57	0 38	16 48	1 23	27 45	4 10	10 33	10 25	1 6		n.a.	T 14
F 15	22 58	6 55	1 3	21 51	1 32	15 17	1 1	3 50	1 52	22 51	1 16	23 20	0 59	21 56	0 38	16 48	1 23	27 45	4 10	10 32	10 24	1 8		n.a.	F 15
S 16	22 50	11 5	0 s10	22 6	1 21	14 50	0 58	4 2	1 52	22 53	1 16	23 19	0 59	21 56	0 38	16 48	1 23	27 45	4 10	10 32	10 23	1 10		n.a.	S 16
S 17	22 43	14 35	1 22	22 20	1 10	14 23	0 56	4 14	1 52	22 54	1 16	23 18	0 59	21 55	0 38	16 49	1 23	27 46	4 10	10 32	10 22	1 12		n.a.	S 17
M18	22 35	17 14	2 29	22 34	0 59	13 56	0 53	4 25	1 52	22 56	1 16	23 17	0 59	21 54	0 38	16 49	1 23	27 46	4 10	10 31	10 20	1 14		n.a.	M18
T 19	22 27	18 54	3 26	22 48	0 48	13 29	0 50	4 37	1 52	22 57	1 16	23 15	0 59	21 54	0 38	16 50	1 23	27 46	4 10	10 29	10 19	1 16		n.a.	T 19
W20	22 18	19 28	4 11	23 2	0 37	13 1	0 47	4 49	1 52	22 59	1 17	23 14	0 59	21 53	0 38	16 50	1 23	27 46	4 11	10 26	10 18	1 18		n.a.	W20
T 21	22 8	18 58	4 42	23 15	0 27	12 33	0 44	5 1	1 52	23 0	1 17	23 13	0 59	21 53	0 38	16 51	1 23	27 47	4 11	10 22	10 17	1 20		n.a.	T 21
F 22	21 59	17 29	4 58	23 28	0 17	12 4	0 41	5 12	1 52	23 2	1 17	23 12	0 59	21 52	0 38	16 51	1 23	27 47	4 11	10 17	10 16	1 21		n.a.	F 22
S 23	21 49	15 9	4 58	23 40	0 7	11 36	0 38	5 24	1 52	23 3	1 17	23 11	0 59	21 51	0 38	16 52	1 23	27 47	4 11	10 12	10 15	1 23		n.a.	S 23
S 24	21 38	12 9	4 44	23 51	0 s 3	11 7	0 34	5 35	1 52	23 5	1 17	23 10	0 59	21 51	0 38	16 52	1 23	27 47	4 11	10 7	10 13	1 25		n.a.	S 24
M25	21 27	8 41	4 17	24 1	0 12	10 37	0 31	5 47	1 52	23 6	1 17	23 9	0 59	21 50	0 38	16 53	1 23	27 48	4 11	10 3	10 12	1 27		n.a.	M25
T 26	21 16	4 55	3 38	24 11	0 21	10 8	0 28	5 58	1 52	23 7	1 17	23 8	0 59	21 49	0 38	16 53	1 23	27 48	4 11	9 59	10 11	1 29		n.a.	T 26
W27	21 4	1 0	2 50	24 19	0 29	9 38	0 24	6 9	1 52	23 9	1 17	23 7	1 0	21 49	0 38	16 54	1 23	27 48	4 12	9 57	10 10	1 31		n.a.	W27
T 28	20 52	2 s56	1 55	24 27	0 38	9 8	0 21	6 20	1 52	23 10	1 17	23 6	1 0	21 48	0 38	16 54	1 23	27 48	4 12	9 56	10 9	1 33		n.a.	T 28
F 29	20 40	6 44	0 56	24 33	0 46	8 38	0 17	6 31	1 52	23 12	1 18	23 5	1 0	21 47	0 38	16 55	1 23	27 49	4 12	9 55	10 7	1 35		n.a.	F 29
S 30	20 27	10 18	0n 7	24 39	0 54	8 8	0 13	6 42	1 51	23 13	1 18	23 4	1 0	21 47	0 38	16 55	1 23	27 49	4 12	9 55	10 6	1 37		n.a.	S 30
S 31	20 s14	13 s29	1n10	24 s43	1 s 1	7 s38	0 s10	6 s53	1n51	23n14	1n18	23 s 2	1 s 0	21 s46	0 s38	16n56	1n23	27 s49	4 s12	9 s55	10 s 5	1 s39		n.a.	S 31

Julian Day Number = 1287506.5, Delta T = 08h02m20s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'23, Lahiri = -20°21'22 Julian Calendar 1 Jan. 1188 BCE == Greg. Calendar 21 Dec. 1189 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

FEBRUARY 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 0 42	2♒ 8'03	20♏47	7♉19	12♓23	22♎10	22°R 7	21♉47	26♉53	18°R13	22♐37	25°R12	25♎38	28♍56	n.a.	M 1
T 2	8 4 38	3° 7'49	3♐21	8°41	13°33	22°38	21♋59	21°55	26°57	18♏11	22°39	25♎ 9	25°35	29° 2	n.a.	T 2
W 3	8 8 35	4° 7'33	16°19	10° 5	14°43	23° 6	21°52	22° 2	27° 0	18°10	22°40	25° 4	25°31	29° 9	n.a.	W 3
T 4	8 12 32	5° 7'15	29°44	11°30	15°52	23°33	21°44	22° 9	27° 3	18° 8	22°42	24°55	25°28	29°16	n.a.	T 4
F 5	8 16 28	6° 6'56	13♉34	12°57	17° 2	24° 0	21°37	22°17	27° 7	18° 6	22°43	24°45	25°25	29°22	n.a.	F 5
S 6	8 20 25	7° 6'34	27°49	14°25	18°11	24°27	21°29	22°24	27°10	18° 5	22°45	24°33	25°22	29°29	n.a.	S 6
S 7	8 24 21	8° 6'10	12♒22	15°54	19°21	24°54	21°22	22°31	27°14	18° 3	22°46	24°22	25°19	29°36	n.a.	S 7
M 8	8 28 18	9° 5'43	27° 7	17°25	20°30	25°20	21°15	22°38	27°17	18° 2	22°47	24°12	25°16	29°42	n.a.	M 8
T 9	8 32 14	10° 5'15	11♓56	18°57	21°39	25°46	21° 8	22°46	27°20	18° 0	22°49	24° 4	25°12	29°49	n.a.	T 9
W10	8 36 11	11° 4'44	26°39	20°30	22°47	26°12	21° 1	22°53	27°24	17°58	22°50	23°58	25° 9	29°56	n.a.	W10
T 11	8 40 7	12° 4'10	11♈12	22° 5	23°56	26°38	20°54	23° 0	27°27	17°57	22°52	23°56	25° 6	0♎ 2	n.a.	T 11
F 12	8 44 4	13° 3'34	25°30	23°41	25° 5	27° 3	20°47	23° 7	27°30	17°55	22°53	23°D55	25° 3	0° 9	n.a.	F 12
S 13	8 48 1	14° 2'56	9♉32	25°18	26°13	27°28	20°40	23°14	27°34	17°53	22°54	23°R56	25° 0	0°16	n.a.	S 13
S 14	8 51 57	15° 2'15	23°17	26°57	27°21	27°53	20°34	23°21	27°37	17°52	22°56	23°56	24°56	0°22	n.a.	S 14
M15	8 55 54	16° 1'32	6♊47	28°37	28°29	28°18	20°27	23°28	27°40	17°50	22°57	23°54	24°53	0°29	n.a.	M15
T 16	8 59 50	17° 0'46	20° 3	0♒18	29°37	28°42	20°21	23°35	27°44	17°48	22°58	23°50	24°50	0°36	n.a.	T 16
W17	9 3 47	17°59'58	3♋ 5	2° 1	0♈44	29° 6	20°14	23°42	27°47	17°47	22°59	23°43	24°47	0°42	n.a.	W17
T 18	9 7 43	18°59'07	15°56	3°45	1°52	29°30	20° 8	23°49	27°50	17°45	23° 1	23°33	24°44	0°49	n.a.	T 18
F 19	9 11 40	19°58'14	28°35	5°30	2°59	29°53	20° 2	23°56	27°53	17°44	23° 2	23°22	24°41	0°56	n.a.	F 19
S 20	9 15 36	20°57'19	11♌ 3	7°17	4° 6	0♏16	19°56	24° 3	27°57	17°42	23° 3	23°11	24°37	1° 2	n.a.	S 20
S 21	9 19 33	21°56'21	23°21	9° 5	5°13	0°39	19°51	24°10	28° 0	17°40	23° 4	23° 0	24°34	1° 9	n.a.	S 21
M22	9 23 29	22°55'22	5♍28	10°54	6°19	1° 1	19°45	24°17	28° 3	17°39	23° 5	22°50	24°31	1°16	n.a.	M22
T 23	9 27 26	23°54'20	17°27	12°45	7°26	1°23	19°40	24°24	28° 6	17°37	23° 6	22°42	24°28	1°22	n.a.	T 23
W24	9 31 23	24°53'16	29°19	14°37	8°32	1°45	19°34	24°30	28° 9	17°35	23° 7	22°37	24°25	1°29	n.a.	W24
T 25	9 35 19	25°52'10	11♎ 7	16°31	9°38	2° 6	19°29	24°37	28°13	17°34	23° 9	22°34	24°21	1°36	n.a.	T 25
F 26	9 39 16	26°51'02	22°55	18°26	10°43	2°27	19°24	24°44	28°16	17°32	23°10	22°D33	24°18	1°42	n.a.	F 26
S 27	9 43 12	27°49'52	4♏46	20°22	11°49	2°48	19°19	24°50	28°19	17°30	23°11	22°34	24°15	1°49	n.a.	S 27
S 28	9 47 9	28♒48'40	16♏45	22♒20	12♈54	3♏ 8	19♋14	24♉57	28♉22	17♌29	23♐12	22♎35	24♎12	1♎56	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 1	16s 8	2n11	24s46	1s 8	7s 7	0s 6	7s 3	1n51	23n16	1n18	23s 1	1s 0	21s45	0s38	16n56	1n23	27s49	4s12	9s55	10s 4	1s41		n.a.
T 2	19 47	18 6	3 7	24 47	1 15	6 36	0 2	7 14	1 51	23 17	1 18	23 0	1 0	21 45	0 38	16 57	1 23	27 50	4 12	9 53	10 3	1 43		n.a.
W 3	19 33	19 12	3 56	24 47	1 21	6 6	0n 2	7 25	1 51	23 18	1 18	22 59	1 0	21 44	0 38	16 57	1 23	27 50	4 13	9 51	10 2	1 45		n.a.
T 4	19 18	19 17	4 33	24 46	1 27	5 35	0 5	7 35	1 51	23 20	1 18	22 58	1 0	21 43	0 38	16 58	1 23	27 50	4 13	9 48	10 0	1 47		n.a.
F 5	19 3	18 14	4 56	24 44	1 33	5 4	0 9	7 45	1 50	23 21	1 18	22 57	1 0	21 43	0 39	16 58	1 23	27 50	4 13	9 44	9 59	1 49		n.a.
S 6	18 48	16 2	5 1	24 40	1 38	4 32	0 13	7 56	1 50	23 22	1 18	22 56	1 0	21 42	0 39	16 59	1 23	27 50	4 13	9 40	9 58	1 51		n.a.
S 7	18 32	12 47	4 47	24 34	1 43	4 1	0 17	8 6	1 50	23 23	1 18	22 55	1 1	21 41	0 39	16 59	1 23	27 51	4 13	9 36	9 57	1 53		n.a.
M 8	18 17	8 42	4 14	24 27	1 47	3 30	0 21	8 16	1 50	23 24	1 18	22 54	1 1	21 41	0 39	17 0	1 23	27 51	4 13	9 32	9 56	1 55		n.a.
T 9	18 0	4 5	3 23	24 18	1 51	2 59	0 25	8 25	1 49	23 26	1 18	22 52	1 1	21 40	0 39	17 0	1 23	27 51	4 14	9 29	9 55	1 57		n.a.
W10	17 44	0n46	2 19	24 8	1 55	2 27	0 30	8 35	1 49	23 27	1 18	22 51	1 1	21 39	0 39	17 1	1 23	27 51	4 14	9 27	9 53	1 59		n.a.
T 11	17 27	5 32	1 7	23 56	1 58	1 56	0 34	8 45	1 49	23 28	1 18	22 50	1 1	21 39	0 39	17 2	1 23	27 52	4 14	9 26	9 52	2 1		n.a.
F 12	17 10	9 53	0s 8	23 43	2 1	1 24	0 38	8 54	1 48	23 29	1 18	22 49	1 1	21 38	0 39	17 2	1 23	27 52	4 14	9 26	9 51	2 3		n.a.
S 13	16 53	13 37	1 22	23 27	2 4	0 53	0 42	9 4	1 48	23 30	1 18	22 48	1 1	21 37	0 39	17 3	1 23	27 52	4 14	9 26	9 50	2 5		n.a.
S 14	16 35	16 29	2 30	23 10	2 6	0 22	0 46	9 13	1 48	23 31	1 18	22 47	1 1	21 37	0 39	17 3	1 23	27 52	4 14	9 26	9 49	2 7		n.a.
M15	16 18	18 24	3 27	22 51	2 7	0n10	0 51	9 22	1 47	23 32	1 18	22 46	1 1	21 36	0 39	17 4	1 24	27 53	4 15	9 25	9 47	2 9		n.a.
T 16	16 0	19 15	4 13	22 31	2 9	0 41	0 55	9 32	1 47	23 33	1 18	22 45	1 1	21 35	0 39	17 4	1 24	27 53	4 15	9 24	9 46	2 11		n.a.
W17	15 41	19 4	4 44	22 8	2 9	1 12	0 59	9 41	1 46	23 34	1 18	22 43	1 2	21 35	0 39	17 5	1 24	27 53	4 15	9 21	9 45	2 13		n.a.
T 18	15 23	17 53	5 1	21 44	2 9	1 43	1 4	9 49	1 46	23 35	1 18	22 42	1 2	21 34	0 39	17 5	1 24	27 53	4 15	9 18	9 44	2 15		n.a.
F 19	15 4	15 51	5 2	21 17	2 9	2 15	1 8	9 58	1 46	23 36	1 18	22 41	1 2	21 33	0 39	17 6	1 24	27 54	4 15	9 14	9 43	2 16		n.a.
S 20	14 45	13 7	4 49	20 49	2 8	2 46	1 13	10 7	1 45	23 36	1 18	22 40	1 2	21 33	0 39	17 6	1 24	27 54	4 15	9 9	9 42	2 18		n.a.
S 21	14 26	9 50	4 22	20 19	2 7	3 17	1 17	10 15	1 45	23 37	1 18	22 39	1 2	21 32	0 39	17 7	1 24	27 54	4 16	9 5	9 40	2 20		n.a.
M22	14 6	6 11	3 44	19 47	2 5	3 47	1 21	10 24	1 44	23 38	1 18	22 38	1 2	21 31	0 39	17 7	1 24	27 54	4 16	9 1	9 39	2 22		n.a.
T 23	13 46	2 20	2 56	19 13	2 3	4 18	1 26	10 32	1 43	23 39	1 18	22 37	1 2	21 31	0 39	17 8	1 24	27 55	4 16	8 58	9 38	2 24		n.a.
W24	13 26	1s34	2 1	18 38	2 0	4 49	1 30	10 40	1 43	23 40	1 18	22 36	1 2	21 30	0 39	17 8	1 24	27 55	4 16	8 56	9 37	2 26		n.a.
T 25	13 6	5 24	1 1	18 0	1 57	5 19	1 35	10 48	1 42	23 40	1 18	22 35	1 2	21 30	0 39	17 9	1 24	27 55	4 16	8 55	9 36	2 28		n.a.
F 26	12 46	9 1	0n 2	17 20	1 53	5 50	1 39	10 56	1 42	23 41	1 18	22 34	1 3	21 29	0 39	17 9	1 24	27 55	4 17	8 55	9 34	2 30		n.a.
S 27	12 25	12 18	1 5	16 39	1 48	6 20	1 44	11 4	1 41	23 42	1 17	22 32	1 3	21 28	0 39	17 10	1 24	27 56	4 17	8 55	9 33	2 32		n.a.
S 28	12s 5	15s 6	2n 7	15s55	1s43	6n50	1n48	11s12	1n40	23n42	1n17	22s31	1s 3	21s28	0s39	17n10	1n24	27s56	4s17	8s55	9s32	2s34		n.a.

Julian Day Number = 1287537.5, Delta T = 08h02m18s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'19, Lahiri = -20°21'18 Julian Calendar 1 Feb. 1188 BCE == Greg. Calendar 21 Jan. 1188 BCE

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

MARCH 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 51 5	29♒47'27	28♏58	24♒19	13♈59	3♏28	19°R10	25♑ 4	28♑25	17°R27	23♐12	22°R35	24♎ 9	2♎ 2	n.a.	M 1
T 2	9 55 2	0♓46'11	11♐30	26°20	15° 4	3°47	19♋ 5	25°10	28°28	17♌26	23°13	22♎35	24° 6	2° 9	n.a.	T 2
W 3	9 58 58	1°44'54	24°25	28°22	16° 8	4° 6	19° 1	25°16	28°31	17°24	23°14	22°32	24° 2	2°16	n.a.	W 3
T 4	10 2 55	2°43'35	7♑48	0♓24	17°12	4°25	18°57	25°23	28°34	17°22	23°15	22°28	23°59	2°22	n.a.	T 4
F 5	10 6 51	3°42'14	21°38	2°28	18°16	4°43	18°53	25°29	28°37	17°21	23°16	22°21	23°56	2°29	n.a.	F 5
S 6	10 10 48	4°40'51	5♒57	4°33	19°20	5° 0	18°50	25°36	28°40	17°19	23°17	22°14	23°53	2°35	n.a.	S 6
S 7	10 14 45	5°39'26	20°39	6°39	20°23	5°18	18°46	25°42	28°43	17°18	23°18	22° 7	23°50	2°42	n.a.	S 7
M 8	10 18 41	6°38'00	5♓38	8°45	21°26	5°34	18°43	25°48	28°46	17°16	23°19	22° 0	23°47	2°49	n.a.	M 8
T 9	10 22 38	7°36'31	20°44	10°52	22°29	5°51	18°39	25°54	28°49	17°15	23°19	21°55	23°43	2°55	n.a.	T 9
W10	10 26 34	8°35'00	5♈48	12°59	23°32	6° 6	18°36	26° 0	28°51	17°13	23°20	21°52	23°40	3° 2	n.a.	W10
T 11	10 30 31	9°33'26	20°42	15° 5	24°34	6°22	18°34	26° 7	28°54	17°12	23°21	21°D51	23°37	3° 9	n.a.	T 11
F 12	10 34 27	10°31'51	5♉18	17°12	25°36	6°36	18°31	26°13	28°57	17°10	23°21	21°52	23°34	3°15	n.a.	F 12
S 13	10 38 24	11°30'14	19°33	19°18	26°37	6°51	18°28	26°19	29° 0	17° 9	23°22	21°53	23°31	3°22	n.a.	S 13
S 14	10 42 20	12°28'34	3♊26	21°23	27°38	7° 4	18°26	26°24	29° 2	17° 7	23°23	21°54	23°27	3°29	n.a.	S 14
M15	10 46 17	13°26'52	16°57	23°26	28°39	7°17	18°24	26°30	29° 5	17° 6	23°23	21°R55	23°24	3°35	n.a.	M15
T 16	10 50 14	14°25'07	0♋ 7	25°28	29°39	7°30	18°22	26°36	29° 8	17° 4	23°24	21°53	23°21	3°42	n.a.	T 16
W17	10 54 10	15°23'21	13° 0	27°29	0♉39	7°42	18°20	26°42	29°10	17° 3	23°24	21°50	23°18	3°49	n.a.	W17
T 18	10 58 7	16°21'32	25°37	29°27	1°39	7°54	18°19	26°48	29°13	17° 1	23°25	21°46	23°15	3°55	n.a.	T 18
F 19	11 2 3	17°19'41	8♌ 1	1♈22	2°38	8° 5	18°17	26°53	29°16	17° 0	23°25	21°41	23°12	4° 2	n.a.	F 19
S 20	11 6 0	18°17'48	20°15	3°15	3°37	8°15	18°16	26°59	29°18	16°59	23°26	21°35	23° 8	4° 9	n.a.	S 20
S 21	11 9 56	19°15'53	2♍19	5° 4	4°35	8°25	18°15	27° 4	29°21	16°57	23°26	21°29	23° 5	4°15	n.a.	S 21
M22	11 13 53	20°13'57	14°17	6°51	5°33	8°34	18°14	27°10	29°23	16°56	23°27	21°24	23° 2	4°22	n.a.	M22
T 23	11 17 49	21°11'58	26° 9	8°34	6°30	8°42	18°14	27°15	29°25	16°55	23°27	21°20	22°59	4°29	n.a.	T 23
W24	11 21 46	22° 9'57	7♎58	10°14	7°27	8°50	18°13	27°20	29°28	16°53	23°27	21°18	22°56	4°35	n.a.	W24
T 25	11 25 42	23° 7'55	19°45	11°49	8°24	8°58	18°13	27°26	29°30	16°52	23°28	21°D17	22°53	4°42	n.a.	T 25
F 26	11 29 39	24° 5'51	1♏34	13°21	9°20	9° 4	18°D13	27°31	29°32	16°51	23°28	21°18	22°49	4°49	n.a.	F 26
S 27	11 33 36	25° 3'46	13°28	14°49	10°15	9°10	18°13	27°36	29°35	16°50	23°28	21°19	22°46	4°55	n.a.	S 27
S 28	11 37 32	26° 1'39	25°31	16°13	11°10	9°15	18°13	27°41	29°37	16°49	23°29	21°21	22°43	5° 2	n.a.	S 28
M29	11 41 29	26°59'31	7♐45	17°33	12° 4	9°20	18°14	27°46	29°39	16°47	23°29	21°22	22°40	5° 9	n.a.	M29
T 30	11 45 25	27°57'21	20°17	18°49	12°58	9°24	18°14	27°51	29°41	16°46	23°29	21°23	22°37	5°15	n.a.	T 30
W31	11 49 22	28♓55'10	3♑ 9	20♈ 1	13♉51	9♏27	18♋15	27♑56	29♑44	16♌45	23♐29	21°R23	22♎33	5♎22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s44	17s17	3n 3	15s10	1s38	7n19	1n52	11s19	1n39	23n43	1n17	22s30	1s 3	21s27	0s39	17n11	1n24	27s56	4s17	8s56	9s31	2s36			n.a.
T 2	11 23	18 41	3 53	14 23	1 32	7 49	1 57	11 26	1 39	23 43	1 17	22 29	1 3	21 26	0 39	17 11	1 24	27 56	4 17	8 55	9 30	2 38			n.a.
W 3	11 2	19 11	4 32	13 34	1 25	8 18	2 1	11 34	1 38	23 44	1 17	22 28	1 3	21 26	0 39	17 12	1 24	27 57	4 17	8 55	9 28	2 40			n.a.
T 4	10 40	18 38	4 58	12 43	1 18	8 48	2 6	11 41	1 37	23 44	1 17	22 27	1 3	21 25	0 39	17 12	1 24	27 57	4 18	8 53	9 27	2 42			n.a.
F 5	10 19	16 59	5 8	11 51	1 10	9 16	2 10	11 48	1 36	23 45	1 17	22 26	1 4	21 25	0 39	17 13	1 24	27 57	4 18	8 51	9 26	2 44			n.a.
S 6	9 57	14 16	4 59	10 57	1 1	9 45	2 14	11 55	1 35	23 45	1 17	22 25	1 4	21 24	0 39	17 13	1 24	27 57	4 18	8 48	9 25	2 46			n.a.
S 7	9 35	10 34	4 31	10 2	0 53	10 14	2 19	12 1	1 34	23 46	1 17	22 24	1 4	21 24	0 39	17 14	1 24	27 58	4 18	8 45	9 24	2 48			n.a.
M 8	9 13	6 8	3 44	9 5	0 43	10 42	2 23	12 8	1 33	23 46	1 17	22 23	1 4	21 23	0 39	17 14	1 24	27 58	4 18	8 42	9 23	2 49			n.a.
T 9	8 51	1 17	2 41	8 8	0 34	11 10	2 27	12 14	1 32	23 46	1 17	22 22	1 4	21 22	0 39	17 15	1 24	27 58	4 19	8 41	9 21	2 51			n.a.
W10	8 29	3n39	1 26	7 9	0 24	11 37	2 31	12 21	1 31	23 47	1 17	22 21	1 4	21 22	0 39	17 15	1 24	27 58	4 19	8 39	9 20	2 53			n.a.
T 11	8 7	8 18	0 6	6 10	0 13	12 5	2 36	12 27	1 30	23 47	1 16	22 20	1 4	21 21	0 39	17 16	1 24	27 59	4 19	8 39	9 19	2 55			n.a.
F 12	7 44	12 22	1s12	5 10	0 2	12 31	2 40	12 33	1 29	23 47	1 16	22 19	1 5	21 21	0 39	17 16	1 24	27 59	4 19	8 39	9 18	2 57			n.a.
S 13	7 22	15 35	2 25	4 10	0n 9	12 58	2 44	12 39	1 28	23 48	1 16	22 18	1 5	21 20	0 39	17 17	1 24	27 59	4 19	8 40	9 17	2 59			n.a.
S 14	6 59	17 48	3 27	3 10	0 20	13 25	2 48	12 44	1 27	23 48	1 16	22 17	1 5	21 20	0 39	17 17	1 24	27 59	4 20	8 40	9 15	3 1			n.a.
M15	6 37	18 57	4 16	2 11	0 31	13 50	2 52	12 50	1 25	23 48	1 16	22 16	1 5	21 19	0 39	17 17	1 24	27 59	4 20	8 40	9 14	3 3			n.a.
T 16	6 14	19 1	4 49	1 11	0 42	14 16	2 56	12 55	1 24	23 48	1 16	22 15	1 5	21 19	0 39	17 18	1 24	28 0	4 20	8 40	9 13	3 5			n.a.
W17	5 51	18 5	5 8	0 13	0 53	14 41	3 0	13 0	1 23	23 48	1 16	22 14	1 5	21 18	0 39	17 18	1 24	28 0	4 20	8 39	9 12	3 7			n.a.
T 18	5 28	16 17	5 11	0n45	1 4	15 6	3 4	13 5	1 21	23 48	1 16	22 13	1 5	21 17	0 39	17 19	1 23	28 0	4 20	8 37	9 11	3 9			n.a.
F 19	5 5	13 45	4 59	1 42	1 15	15 31	3 8	13 10	1 20	23 48	1 16	22 12	1 6	21 17	0 39	17 19	1 23	28 0	4 21	8 35	9 9	3 11			n.a.
S 20	4 42	10 39	4 34	2 37	1 25	15 55	3 11	13 15	1 18	23 49	1 15	22 11	1 6	21 16	0 39	17 20	1 23	28 1	4 21	8 33	9 8	3 13			n.a.
S 21	4 19	7 9	3 56	3 30	1 35	16 19	3 15	13 20	1 17	23 49	1 15	22 10	1 6	21 16	0 39	17 20	1 23	28 1	4 21	8 31	9 7	3 14			n.a.
M22	3 56	3 23	3 9	4 22	1 45	16 42	3 19	13 24	1 15	23 49	1 15	22 9	1 6	21 15	0 39	17 20	1 23	28 1	4 21	8 29	9 6	3 16			n.a.
T 23	3 33	0s29	2 14	5 12	1 54	17 5	3 22	13 29	1 14	23 48	1 15	22 8	1 6	21 15	0 39	17 21	1 23	28 1	4 21	8 27	9 5	3 18			n.a.
W24	3 9	4 19	1 13	5 59	2 3	17 27	3 26	13 33	1 12	23 48	1 15	22 7	1 6	21 14	0 39	17 21	1 23	28 1	4 22	8 26	9 3	3 20			n.a.
T 25	2 46	7 59	0 8	6 45	2 11	17 49	3 29	13 37	1 10	23 48	1 15	22 6	1 7	21 14	0 39	17 22	1 23	28 2	4 22	8 26	9 2	3 22			n.a.
F 26	2 23	11 20	0n56	7 28	2 18	18 11	3 32	13 41	1 8	23 48	1 15	22 5	1 7	21 14	0 39	17 22	1 23	28 2	4 22	8 26	9 1	3 24			n.a.
S 27	2 0	14 15	1 59	8 9	2 25	18 32	3 35	13 44	1 6	23 48	1 14	22 5	1 7	21 13	0 40	17 22	1 23	28 2	4 22	8 27	9 0	3 26			n.a.
S 28	1 36	16 35	2 58	8 48	2 31	18 53	3 38	13 48	1 4	23 48	1 14	22 4	1 7	21 13	0 40	17 23	1 23	28 2	4 23	8 27	8 59	3 28			n.a.
M29	1 13	18 12	3 49	9 23	2 36	19 13	3 41	13 51	1 3	23 48	1 14	22 3	1 7	21 12	0 40	17 23	1 23	28 3	4 23	8 28	8 57	3 30			n.a.
T 30	0 50	18 58	4 31	9 57	2 40	19 32	3 44	13 54	1 0	23 48	1 14	22 2	1 7	21 12	0 40	17 23	1 23	28 3	4 23	8 28	8 56	3 32			n.a.
W31	0s26	18s48	5n 0	10n28	2n43	19n51	3n47	13s57	0n58	23n47	1n14	22s 1	1s 8	21s11	0s40	17n24	1n23	28s 3	4s23	8s28	8s55	3s34			n.a.

Julian Day Number = 1287565.5, Delta T = 08h02m17s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'15, Lahiri = -20°21'14 Julian Calendar 1 March 1188 BCE == Greg. Calendar 18 Feb. 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

APRIL 1188 BCE (-1187) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 18	29♓52'58	16♉26	21♈ 8	14♉43	9♏29	18♋16	28♉ 0	29♉46	16°R44	23♐29	21°R23	22♎30	5♎28	n.a.	T 1
F 2	11 57 15	0♈50'44	0♒10	22°11	15°35	9°31	18°17	28° 5	29°48	16♏43	23°29	21♎21	22°27	5°35	n.a.	F 2
S 3	12 1 11	1°48'29	14°21	23° 9	16°26	9°32	18°19	28°10	29°50	16°42	23°29	21°19	22°24	5°42	n.a.	S 3
S 4	12 5 8	2°46'13	28°57	24° 3	17°17	9°R32	18°20	28°14	29°52	16°41	23°29	21°16	22°21	5°48	n.a.	S 4
M 5	12 9 4	3°43'55	13♓54	24°52	18° 7	9°32	18°22	28°19	29°54	16°40	23°R29	21°14	22°18	5°55	n.a.	M 5
T 6	12 13 1	4°41'36	29° 3	25°37	18°56	9°30	18°24	28°23	29°56	16°39	23°29	21°12	22°14	6° 2	n.a.	T 6
W 7	12 16 58	5°39'16	14♈15	26°17	19°44	9°28	18°26	28°27	29°57	16°38	23°29	21°D12	22°11	6° 8	n.a.	W 7
T 8	12 20 54	6°36'54	29°20	26°53	20°32	9°25	18°28	28°31	29°59	16°37	23°29	21°12	22° 8	6°15	n.a.	T 8
F 9	12 24 51	7°34'30	14♉11	27°23	21°18	9°22	18°30	28°36	0♒ 1	16°36	23°29	21°12	22° 5	6°22	n.a.	F 9
S 10	12 28 47	8°32'05	28°41	27°49	22° 4	9°17	18°33	28°40	0° 3	16°35	23°29	21°13	22° 2	6°28	n.a.	S 10
S 11	12 32 44	9°29'39	12♊45	28°10	22°49	9°12	18°36	28°44	0° 4	16°34	23°29	21°14	21°58	6°35	n.a.	S 11
M12	12 36 40	10°27'11	26°24	28°26	23°33	9° 6	18°39	28°48	0° 6	16°33	23°29	21°15	21°55	6°42	n.a.	M12
T 13	12 40 37	11°24'41	9♋38	28°37	24°16	9° 0	18°42	28°51	0° 8	16°33	23°29	21°R15	21°52	6°48	n.a.	T 13
W14	12 44 33	12°22'10	22°30	28°43	24°58	8°52	18°45	28°55	0° 9	16°32	23°28	21°15	21°49	6°55	n.a.	W14
T 15	12 48 30	13°19'37	5♌ 2	28°R45	25°39	8°44	18°49	28°59	0°11	16°31	23°28	21°14	21°46	7° 2	n.a.	T 15
F 16	12 52 27	14°17'02	17°19	28°42	26°19	8°36	18°52	29° 2	0°12	16°30	23°28	21°14	21°43	7° 8	n.a.	F 16
S 17	12 56 23	15°14'26	29°23	28°34	26°58	8°26	18°56	29° 6	0°14	16°30	23°28	21°13	21°39	7°15	n.a.	S 17
S 18	13 0 20	16°11'49	11♍20	28°22	27°35	8°16	19° 0	29° 9	0°15	16°29	23°27	21°12	21°36	7°22	n.a.	S 18
M19	13 4 16	17° 9'11	23°10	28° 6	28°12	8° 5	19° 4	29°12	0°16	16°28	23°27	21°12	21°33	7°28	n.a.	M19
T 20	13 8 13	18° 6'31	4♎59	27°47	28°47	7°54	19° 8	29°16	0°18	16°28	23°26	21°11	21°30	7°35	n.a.	T 20
W21	13 12 9	19° 3'50	16°47	27°23	29°21	7°41	19°13	29°19	0°19	16°27	23°26	21°D11	21°27	7°41	n.a.	W21
T 22	13 16 6	20° 1'09	28°37	26°57	29°53	7°29	19°17	29°22	0°20	16°27	23°26	21°11	21°24	7°48	n.a.	T 22
F 23	13 20 2	20°58'26	10♏32	26°29	0♊25	7°15	19°22	29°25	0°21	16°26	23°25	21°R11	21°20	7°55	n.a.	F 23
S 24	13 23 59	21°55'42	22°33	25°58	0°54	7° 1	19°27	29°28	0°22	16°26	23°25	21°11	21°17	8° 1	n.a.	S 24
S 25	13 27 56	22°52'58	4♐44	25°26	1°22	6°47	19°32	29°30	0°23	16°25	23°24	21°11	21°14	8° 8	n.a.	S 25
M26	13 31 52	23°50'13	17° 7	24°52	1°49	6°32	19°37	29°33	0°24	16°25	23°24	21°11	21°11	8°15	n.a.	M26
T 27	13 35 49	24°47'27	29°44	24°19	2°14	6°16	19°43	29°36	0°25	16°24	23°23	21°11	21° 8	8°21	n.a.	T 27
W28	13 39 45	25°44'41	12♉38	23°45	2°37	6° 0	19°48	29°38	0°26	16°24	23°22	21°10	21° 4	8°28	n.a.	W28
T 29	13 43 42	26°41'54	25°53	23°13	2°59	5°43	19°54	29°41	0°27	16°24	23°22	21°D10	21° 1	8°35	n.a.	T 29
F 30	13 47 38	27♈39'07	9♒30	22♈41	3♊19	5♏26	19♋59	29♉43	0♒28	16♏23	23♐21	21♎10	20♎58	8♎41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 3	17s36	5n15	10n56	2n46	20n10	3n50	14s 0	0n56	23n47	1n14	22s 0	1s 8	21s11	0s40	17n24	1n23	28s 3	4s23	8s28	8s54	3s36		n.a.
F 2	0n21	15 22	5 12	11 21	2 48	20 28	3 52	14 3	0 54	23 47	1 14	22 0	1 8	21 10	0 40	17 24	1 23	28 3	4 24	8 28	8 53	3 37		n.a.
S 3	0 44	12 10	4 51	11 44	2 48	20 46	3 55	14 5	0 52	23 46	1 14	21 59	1 8	21 10	0 40	17 25	1 23	28 4	4 24	8 27	8 51	3 39		n.a.
S 4	1 7	8 7	4 10	12 5	2 48	21 3	3 57	14 8	0 49	23 46	1 13	21 58	1 8	21 10	0 40	17 25	1 23	28 4	4 24	8 26	8 50	3 41		n.a.
M 5	1 30	3 29	3 12	12 22	2 47	21 19	3 59	14 10	0 47	23 46	1 13	21 57	1 8	21 9	0 40	17 25	1 23	28 4	4 24	8 25	8 49	3 43		n.a.
T 6	1 54	1n26	2 0	12 37	2 45	21 35	4 1	14 12	0 44	23 45	1 13	21 57	1 9	21 9	0 40	17 25	1 23	28 4	4 24	8 24	8 48	3 45		n.a.
W 7	2 17	6 18	0 38	12 49	2 41	21 51	4 3	14 13	0 42	23 45	1 13	21 56	1 9	21 9	0 40	17 26	1 23	28 4	4 25	8 24	8 47	3 47		n.a.
T 8	2 40	10 43	0s45	12 58	2 37	22 6	4 5	14 15	0 39	23 44	1 13	21 55	1 9	21 8	0 40	17 26	1 23	28 5	4 25	8 24	8 45	3 49		n.a.
F 9	3 3	14 23	2 4	13 4	2 32	22 20	4 6	14 16	0 37	23 44	1 13	21 54	1 9	21 8	0 40	17 26	1 23	28 5	4 25	8 24	8 44	3 51		n.a.
S 10	3 26	17 3	3 13	13 8	2 26	22 34	4 8	14 17	0 34	23 43	1 13	21 54	1 9	21 7	0 40	17 26	1 23	28 5	4 25	8 25	8 43	3 53		n.a.
S 11	3 49	18 35	4 9	13 8	2 18	22 47	4 9	14 19	0 31	23 43	1 12	21 53	1 9	21 7	0 40	17 27	1 23	28 5	4 25	8 25	8 42	3 55		n.a.
M12	4 12	18 59	4 48	13 6	2 10	22 59	4 10	14 19	0 28	23 42	1 12	21 53	1 10	21 7	0 40	17 27	1 23	28 5	4 26	8 25	8 41	3 56		n.a.
T 13	4 35	18 18	5 11	13 2	2 0	23 11	4 11	14 20	0 25	23 42	1 12	21 52	1 10	21 7	0 40	17 27	1 23	28 6	4 26	8 25	8 39	3 58		n.a.
W14	4 58	16 42	5 17	12 54	1 50	23 23	4 11	14 20	0 22	23 41	1 12	21 51	1 10	21 6	0 40	17 27	1 23	28 6	4 26	8 25	8 38	4 0		n.a.
T 15	5 21	14 20	5 8	12 44	1 38	23 33	4 12	14 21	0 19	23 41	1 12	21 51	1 10	21 6	0 40	17 28	1 23	28 6	4 26	8 25	8 37	4 2		n.a.
F 16	5 43	11 22	4 45	12 31	1 26	23 43	4 12	14 21	0 16	23 40	1 12	21 50	1 10	21 6	0 40	17 28	1 23	28 6	4 26	8 25	8 36	4 4		n.a.
S 17	6 6	7 59	4 10	12 16	1 12	23 53	4 12	14 21	0 13	23 39	1 12	21 50	1 11	21 5	0 40	17 28	1 23	28 6	4 27	8 24	8 35	4 6		n.a.
S 18	6 28	4 18	3 24	11 58	0 58	24 2	4 12	14 20	0 10	23 38	1 11	21 49	1 11	21 5	0 40	17 28	1 23	28 7	4 27	8 24	8 33	4 8		n.a.
M19	6 51	0 28	2 30	11 39	0 43	24 10	4 11	14 20	0 6	23 38	1 11	21 49	1 11	21 5	0 40	17 28	1 23	28 7	4 27	8 24	8 32	4 10		n.a.
T 20	7 13	3s22	1 29	11 17	0 28	24 17	4 11	14 19	0 3	23 37	1 11	21 48	1 11	21 5	0 40	17 28	1 23	28 7	4 27	8 24	8 31	4 12		n.a.
W21	7 35	7 4	0 25	10 54	0 12	24 24	4 10	14 19	0s 0	23 36	1 11	21 48	1 11	21 4	0 40	17 29	1 23	28 7	4 27	8 24	8 30	4 13		n.a.
T 22	7 57	10 31	0n41	10 29	0s 5	24 30	4 9	14 18	0 4	23 35	1 11	21 47	1 12	21 4	0 40	17 29	1 23	28 7	4 28	8 24	8 29	4 15		n.a.
F 23	8 19	13 33	1 46	10 2	0 22	24 36	4 7	14 16	0 7	23 35	1 11	21 47	1 12	21 4	0 40	17 29	1 23	28 7	4 28	8 24	8 27	4 17		n.a.
S 24	8 41	16 3	2 46	9 35	0 39	24 41	4 6	14 15	0 11	23 34	1 11	21 46	1 12	21 4	0 40	17 29	1 23	28 8	4 28	8 24	8 26	4 19		n.a.
S 25	9 2	17 50	3 39	9 7	0 56	24 45	4 4	14 14	0 15	23 33	1 11	21 46	1 12	21 4	0 41	17 29	1 23	28 8	4 28	8 24	8 25	4 21		n.a.
M26	9 24	18 50	4 23	8 39	1 13	24 48	4 1	14 12	0 18	23 32	1 10	21 46	1 12	21 3	0 41	17 29	1 23	28 8	4 28	8 24	8 24	4 23		n.a.
T 27	9 45	18 54	4 56	8 12	1 30	24 51	3 59	14 10	0 22	23 31	1 10	21 45	1 13	21 3	0 41	17 29	1 23	28 8	4 29	8 24	8 22	4 25		n.a.
W28	10 7	18 0	5 14	7 44	1 46	24 53	3 56	14 8	0 26	23 30	1 10	21 45	1 13	21 3	0 41	17 29	1 22	28 8	4 29	8 23	8 21	4 27		n.a.
T 29	10 28	16 8	5 17	7 17	2 1	24 54	3 52	14 6	0 29	23 29	1 10	21 45	1 13	21 3	0 41	17 29	1 22	28 8	4 29	8 23	8 20	4 28		n.a.
F 30	10n49	13s19	5n 2	6n52	2s16	24n54	3n49	14s 4	0s33	23n28	1n10	21s44	1s13	21s 3	0s41	17n29	1n22	28s 9	4s29	8s23	8s19	4s30		n.a.

Julian Day Number = 1287596.5, Delta T = 08h02m15s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'11, Lahiri = -20°21'10 Julian Calendar 1 Apr. 1188 BCE == Greg. Calendar 21 March 1188 BCE

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

MAY 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 35	28♈36'19	23♒30	22°R12	3♊37	5°R 9	20♋ 5	29♉45	0♒29	16°R23	23°R21	21♎11	20♎55	8♎48	n.a.	S 1
S 2	13 55 31	29°33'31	7♓52	21♈44	3°53	4♏51	20°12	29°47	0°30	16♌23	23♐20	21°11	20°52	8°55	n.a.	S 2
M 3	13 59 28	0♉30'42	22°34	21°20	4° 7	4°33	20°18	29°49	0°30	16°23	23°19	21°12	20°49	9° 1	n.a.	M 3
T 4	14 3 25	1°27'53	7♈31	20°58	4°19	4°15	20°24	29°51	0°31	16°22	23°18	21°13	20°45	9° 8	n.a.	T 4
W 5	14 7 21	2°25'03	22°35	20°41	4°29	3°57	20°31	29°53	0°31	16°22	23°18	21°R13	20°42	9°15	n.a.	W 5
T 6	14 11 18	3°22'13	7♉38	20°27	4°37	3°38	20°37	29°55	0°32	16°22	23°17	21°12	20°39	9°21	n.a.	T 6
F 7	14 15 14	4°19'22	22°32	20°17	4°43	3°19	20°44	29°56	0°32	16°22	23°16	21°11	20°36	9°28	n.a.	F 7
S 8	14 19 11	5°16'31	7♊ 8	20°11	4°46	3° 0	20°51	29°58	0°33	16°22	23°15	21°10	20°33	9°34	n.a.	S 8
S 9	14 23 7	6°13'39	21°21	20°D10	4°R47	2°42	20°58	29°59	0°33	16°D22	23°14	21° 8	20°29	9°41	n.a.	S 9
M10	14 27 4	7°10'47	5♋ 7	20°13	4°46	2°23	21° 5	0♒ 1	0°34	16°22	23°14	21° 6	20°26	9°48	n.a.	M10
T 11	14 31 1	8° 7'54	18°27	20°21	4°43	2° 4	21°12	0° 2	0°34	16°22	23°13	21° 5	20°23	9°54	n.a.	T 11
W12	14 34 57	9° 5'00	1♌22	20°34	4°37	1°46	21°20	0° 3	0°34	16°22	23°12	21° 4	20°20	10° 1	n.a.	W12
T 13	14 38 54	10° 2'05	13°55	20°51	4°29	1°27	21°27	0° 4	0°34	16°22	23°11	21°D 4	20°17	10° 8	n.a.	T 13
F 14	14 42 50	10°59'10	26°10	21°13	4°18	1° 9	21°35	0° 5	0°35	16°23	23°10	21° 4	20°14	10°14	n.a.	F 14
S 15	14 46 47	11°56'14	8♍11	21°39	4° 5	0°51	21°43	0° 6	0°35	16°23	23° 9	21° 6	20°10	10°21	n.a.	S 15
S 16	14 50 43	12°53'18	20° 4	22°10	3°50	0°34	21°51	0° 6	0°35	16°23	23° 8	21° 7	20° 7	10°28	n.a.	S 16
M17	14 54 40	13°50'22	1♎52	22°46	3°32	0°16	21°59	0° 7	0°R35	16°23	23° 7	21° 9	20° 4	10°34	n.a.	M17
T 18	14 58 36	14°47'25	13°40	23°26	3°12	29♎59	22° 7	0° 8	0°35	16°23	23° 6	21°10	20° 1	10°41	n.a.	T 18
W19	15 2 33	15°44'27	25°30	24°10	2°50	29°43	22°15	0° 8	0°35	16°24	23° 5	21°R10	19°58	10°48	n.a.	W19
T 20	15 6 30	16°41'30	7♏27	24°59	2°25	29°27	22°24	0° 8	0°34	16°24	23° 4	21° 9	19°55	10°54	n.a.	T 20
F 21	15 10 26	17°38'33	19°31	25°51	1°59	29°12	22°32	0° 9	0°34	16°24	23° 3	21° 7	19°51	11° 1	n.a.	F 21
S 22	15 14 23	18°35'35	1♐44	26°49	1°30	28°57	22°41	0° 9	0°34	16°25	23° 2	21° 3	19°48	11° 8	n.a.	S 22
S 23	15 18 19	19°32'38	14° 9	27°50	1° 0	28°42	22°49	0°R 9	0°34	16°25	23° 1	20°59	19°45	11°14	n.a.	S 23
M24	15 22 16	20°29'41	26°47	28°55	0°28	28°28	22°58	0° 9	0°33	16°26	23° 0	20°54	19°42	11°21	n.a.	M24
T 25	15 26 12	21°26'44	9♑37	0♉ 5	29♉55	28°15	23° 7	0° 8	0°33	16°26	22°58	20°50	19°39	11°28	n.a.	T 25
W26	15 30 9	22°23'47	22°42	1°18	29°21	28° 3	23°16	0° 8	0°33	16°27	22°57	20°46	19°35	11°34	n.a.	W26
T 27	15 34 5	23°20'51	6♒ 2	2°35	28°45	27°51	23°25	0° 8	0°32	16°27	22°56	20°43	19°32	11°41	n.a.	T 27
F 28	15 38 2	24°17'55	19°38	3°57	28° 9	27°40	23°35	0° 7	0°32	16°28	22°55	20°D42	19°29	11°47	n.a.	F 28
S 29	15 41 59	25°14'59	3♓31	5°22	27°32	27°29	23°44	0° 7	0°31	16°29	22°54	20°42	19°26	11°54	n.a.	S 29
S 30	15 45 55	26°12'05	17°40	6°50	26°55	27°19	23°53	0° 6	0°31	16°29	22°53	20°43	19°23	12° 1	n.a.	S 30
M31	15 49 52	27♉ 9'10	2♈ 4	8♉23	26♉18	27♎10	24♋ 3	0♒ 5	0♒30	16♌30	22♐51	20♎45	19♎20	12♎ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 9	9s41	4n29	6n28	2s30	24n54	3n45	14s 2	0s37	23n27	1n10	21s44	1s13	21s 3	0s41	17n30	1n22	28s 9	4s29	8s24	8s18	4s32		n.a.
S 2	11 30	5 23	3 38	6 6	2 43	24 53	3 41	13 59	0 41	23 26	1 10	21 44	1 14	21 2	0 41	17 30	1 22	28 9	4 30	8 24	8 16	4 34		n.a.
M 3	11 50	0 40	2 33	5 45	2 55	24 51	3 36	13 57	0 44	23 25	1 10	21 43	1 14	21 2	0 41	17 30	1 22	28 9	4 30	8 24	8 15	4 36		n.a.
T 4	12 11	4n11	1 15	5 27	3 6	24 48	3 31	13 54	0 48	23 24	1 9	21 43	1 14	21 2	0 41	17 30	1 22	28 9	4 30	8 24	8 14	4 38		n.a.
W 5	12 31	8 49	0s 8	5 12	3 15	24 45	3 25	13 51	0 52	23 23	1 9	21 43	1 14	21 2	0 41	17 30	1 22	28 9	4 30	8 24	8 13	4 40		n.a.
T 6	12 51	12 52	1 30	4 58	3 24	24 40	3 19	13 48	0 56	23 22	1 9	21 43	1 14	21 2	0 41	17 30	1 22	28 9	4 30	8 24	8 12	4 42		n.a.
F 7	13 10	16 3	2 45	4 48	3 31	24 35	3 13	13 46	1 0	23 20	1 9	21 43	1 15	21 2	0 41	17 30	1 22	28 10	4 30	8 24	8 10	4 43		n.a.
S 8	13 30	18 7	3 48	4 40	3 37	24 29	3 6	13 43	1 4	23 19	1 9	21 43	1 15	21 2	0 41	17 30	1 22	28 10	4 31	8 23	8 9	4 45		n.a.
S 9	13 49	18 58	4 35	4 35	3 42	24 22	2 59	13 40	1 7	23 18	1 9	21 42	1 15	21 2	0 41	17 30	1 22	28 10	4 31	8 23	8 8	4 47		n.a.
M10	14 8	18 40	5 4	4 33	3 46	24 14	2 51	13 37	1 11	23 17	1 9	21 42	1 15	21 2	0 41	17 30	1 22	28 10	4 31	8 22	8 7	4 49		n.a.
T 11	14 27	17 19	5 16	4 34	3 48	24 6	2 43	13 34	1 15	23 16	1 9	21 42	1 15	21 2	0 41	17 29	1 22	28 10	4 31	8 21	8 5	4 51		n.a.
W12	14 46	15 7	5 11	4 37	3 49	23 56	2 34	13 31	1 19	23 14	1 8	21 42	1 16	21 2	0 41	17 29	1 22	28 10	4 31	8 21	8 4	4 53		n.a.
T 13	15 4	12 16	4 52	4 44	3 50	23 46	2 25	13 28	1 23	23 13	1 8	21 42	1 16	21 2	0 41	17 29	1 22	28 10	4 31	8 21	8 3	4 55		n.a.
F 14	15 22	8 57	4 19	4 53	3 49	23 34	2 15	13 25	1 26	23 12	1 8	21 42	1 16	21 2	0 41	17 29	1 22	28 10	4 32	8 21	8 2	4 56		n.a.
S 15	15 40	5 18	3 36	5 4	3 47	23 22	2 5	13 22	1 30	23 10	1 8	21 42	1 16	21 2	0 41	17 29	1 22	28 11	4 32	8 22	8 1	4 58		n.a.
S 16	15 58	1 30	2 43	5 18	3 44	23 9	1 55	13 19	1 33	23 9	1 8	21 42	1 17	21 2	0 41	17 29	1 22	28 11	4 32	8 22	7 59	5 0		n.a.
M17	16 15	2s21	1 45	5 35	3 41	22 54	1 44	13 16	1 37	23 7	1 8	21 42	1 17	21 2	0 41	17 29	1 22	28 11	4 32	8 23	7 58	5 2		n.a.
T 18	16 32	6 7	0 41	5 54	3 36	22 39	1 33	13 13	1 40	23 6	1 8	21 43	1 17	21 2	0 41	17 29	1 22	28 11	4 32	8 23	7 57	5 4		n.a.
W19	16 49	9 39	0n24	6 16	3 31	22 23	1 21	13 10	1 44	23 4	1 8	21 43	1 17	21 2	0 41	17 29	1 22	28 11	4 32	8 23	7 56	5 6		n.a.
T 20	17 6	12 50	1 28	6 39	3 25	22 7	1 9	13 8	1 47	23 3	1 8	21 43	1 17	21 2	0 41	17 29	1 22	28 11	4 33	8 23	7 55	5 7		n.a.
F 21	17 22	15 30	2 30	7 5	3 18	21 49	0 56	13 5	1 51	23 1	1 8	21 43	1 18	21 2	0 42	17 28	1 22	28 11	4 33	8 22	7 53	5 9		n.a.
S 22	17 39	17 30	3 25	7 33	3 10	21 30	0 43	13 3	1 54	23 0	1 7	21 43	1 18	21 2	0 42	17 28	1 22	28 11	4 33	8 21	7 52	5 11		n.a.
S 23	17 54	18 43	4 11	8 3	3 2	21 11	0 30	13 1	1 57	22 58	1 7	21 43	1 18	21 2	0 42	17 28	1 22	28 11	4 33	8 19	7 51	5 13		n.a.
M24	18 10	19 2	4 46	8 35	2 53	20 51	0 17	12 58	2 0	22 57	1 7	21 44	1 18	21 2	0 42	17 28	1 22	28 12	4 33	8 17	7 50	5 15		n.a.
T 25	18 25	18 23	5 7	9 8	2 44	20 31	0 3	12 56	2 3	22 55	1 7	21 44	1 18	21 2	0 42	17 28	1 22	28 12	4 33	8 16	7 48	5 17		n.a.
W26	18 40	16 45	5 13	9 43	2 34	20 10	0s11	12 55	2 6	22 53	1 7	21 44	1 19	21 3	0 42	17 28	1 21	28 12	4 34	8 14	7 47	5 19		n.a.
T 27	18 55	14 12	5 2	10 20	2 24	19 49	0 25	12 53	2 9	22 52	1 7	21 44	1 19	21 3	0 42	17 27	1 21	28 12	4 34	8 13	7 46	5 20		n.a.
F 28	19 9	10 50	4 34	10 58	2 13	19 27	0 39	12 52	2 12	22 50	1 7	21 45	1 19	21 3	0 42	17 27	1 21	28 12	4 34	8 13	7 45	5 22		n.a.
S 29	19 23	6 49	3 50	11 37	2 2	19 5	0 53	12 50	2 15	22 48	1 7	21 45	1 19	21 3	0 42	17 27	1 21	28 12	4 34	8 13	7 44	5 24		n.a.
S 30	19 37	2 20	2 51	12 17	1 50	18 42	1 7	12 49	2 18	22 47	1 7	21 45	1 20	21 3	0 42	17 27	1 21	28 12	4 34	8 13	7 42	5 26		n.a.
M31	19n51	2n22	1n40	12n59	1s38	18n20	1s21	12s48	2s20	22n45	1n 7	21s46	1s20	21s 3	0s42	17n26	1n21	28s12	4s34	8s14	7s41	5s28		n.a.

Julian Day Number = 1287626.5, Delta T = 08h02m13s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'07, Lahiri = -20°21'06 Julian Calendar 1 May 1188 BCE == Greg. Calendar 20 Apr. 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

JUNE 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 48	28♉ 6'17	16♈41	9♉59	25°R40	27°R 2	24♋13	0°R 4	0°R29	16♎31	22°R50	20°R46	19♎16	12♎14	n.a.	T 1
W 2	15 57 45	29° 3'23	1♉25	11°39	25♉ 4	26♎55	24°22	0♒ 4	0♒28	16°31	22♐49	20♎45	19°13	12°21	n.a.	W 2
T 3	16 1 41	0♊ 0'31	16°12	13°22	24°27	26°48	24°32	0° 2	0°28	16°32	22°48	20°43	19°10	12°27	n.a.	T 3
F 4	16 5 38	0°57'39	0♊54	15° 8	23°52	26°42	24°42	0° 1	0°27	16°33	22°46	20°39	19° 7	12°34	n.a.	F 4
S 5	16 9 35	1°54'47	15°23	16°57	23°17	26°37	24°52	0° 0	0°26	16°34	22°45	20°34	19° 4	12°41	n.a.	S 5
S 6	16 13 31	2°51'56	29°34	18°50	22°44	26°33	25° 2	29♑59	0°25	16°35	22°44	20°27	19° 1	12°47	n.a.	S 6
M 7	16 17 28	3°49'06	13♋21	20°45	22°12	26°30	25°12	29°57	0°24	16°36	22°42	20°21	18°57	12°54	n.a.	M 7
T 8	16 21 24	4°46'15	26°43	22°42	21°42	26°28	25°23	29°56	0°23	16°37	22°41	20°15	18°54	13° 1	n.a.	T 8
W 9	16 25 21	5°43'25	9♌41	24°42	21°13	26°26	25°33	29°54	0°22	16°38	22°40	20°10	18°51	13° 7	n.a.	W 9
T 10	16 29 17	6°40'35	22°15	26°44	20°47	26°D25	25°43	29°52	0°21	16°39	22°38	20° 7	18°48	13°14	n.a.	T 10
F 11	16 33 14	7°37'46	4♍31	28°48	20°22	26°25	25°54	29°50	0°20	16°40	22°37	20°D 6	18°45	13°20	n.a.	F 11
S 12	16 37 10	8°34'57	16°32	0♊52	19°59	26°26	26° 5	29°48	0°19	16°41	22°36	20° 6	18°41	13°27	n.a.	S 12
S 13	16 41 7	9°32'08	28°25	2°58	19°39	26°28	26°15	29°46	0°17	16°42	22°34	20° 7	18°38	13°34	n.a.	S 13
M14	16 45 4	10°29'20	10♎13	5° 5	19°21	26°31	26°26	29°44	0°16	16°43	22°33	20° 8	18°35	13°40	n.a.	M14
T 15	16 49 0	11°26'33	22° 2	7°12	19° 5	26°34	26°37	29°42	0°15	16°44	22°32	20°R 9	18°32	13°47	n.a.	T 15
W16	16 52 57	12°23'46	3♏56	9°19	18°51	26°39	26°48	29°40	0°13	16°45	22°30	20° 8	18°29	13°54	n.a.	W16
T 17	16 56 53	13°21'00	15°59	11°26	18°40	26°44	26°59	29°37	0°12	16°46	22°29	20° 5	18°26	14° 0	n.a.	T 17
F 18	17 0 50	14°18'14	28°14	13°33	18°31	26°50	27°10	29°35	0°11	16°48	22°28	19°59	18°22	14° 7	n.a.	F 18
S 19	17 4 46	15°15'30	10♐43	15°39	18°25	26°56	27°21	29°32	0° 9	16°49	22°26	19°52	18°19	14°14	n.a.	S 19
S 20	17 8 43	16°12'46	23°26	17°44	18°21	27° 4	27°32	29°30	0° 8	16°50	22°25	19°43	18°16	14°20	n.a.	S 20
M21	17 12 39	17°10'04	6♑24	19°48	18°D20	27°12	27°43	29°27	0° 6	16°51	22°23	19°33	18°13	14°27	n.a.	M21
T 22	17 16 36	18° 7'22	19°35	21°52	18°20	27°21	27°55	29°24	0° 5	16°53	22°22	19°23	18°10	14°34	n.a.	T 22
W23	17 20 33	19° 4'42	2♒59	23°54	18°23	27°31	28° 6	29°21	0° 3	16°54	22°21	19°15	18° 7	14°40	n.a.	W23
T 24	17 24 29	20° 2'03	16°33	25°54	18°29	27°41	28°18	29°18	0° 1	16°55	22°19	19° 9	18° 3	14°47	n.a.	T 24
F 25	17 28 26	20°59'25	0♓18	27°54	18°36	27°53	28°29	29°15	29♑59	16°57	22°18	19° 5	18° 0	14°54	n.a.	F 25
S 26	17 32 22	21°56'49	14°12	29°52	18°46	28° 5	28°41	29°12	29°58	16°58	22°16	19° 3	17°57	15° 0	n.a.	S 26
S 27	17 36 19	22°54'14	28°15	1♋48	18°57	28°17	28°52	29° 9	29°56	17° 0	22°15	19°D 3	17°54	15° 7	n.a.	S 27
M28	17 40 15	23°51'40	12♈26	3°43	19°11	28°31	29° 4	29° 6	29°55	17° 1	22°14	19°R 3	17°51	15°13	n.a.	M28
T 29	17 44 12	24°49'09	26°43	5°37	19°27	28°45	29°16	29° 2	29°53	17° 3	22°12	19° 3	17°47	15°20	n.a.	T 29
W30	17 48 8	25♊46'38	11♉ 5	7♋29	19♉45	28♎59	29♋27	28♑59	29♑51	17♌ 4	22♐11	19♎ 1	17♎44	15♎27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 4	7n 0	0n22	13n41	1s26	17n58	1s34	12s48	2s23	22n43	1n 7	21s46	1s20	21s 4	0s42	17n26	1n21	28s12	4s34	8s14	7s40	5s30		n.a.
W 2	20 17	11 16	0s58	14 24	1 14	17 36	1 48	12 47	2 25	22 41	1 6	21 47	1 20	21 4	0 42	17 26	1 21	28 12	4 35	8 14	7 39	5 31		n.a.
T 3	20 29	14 49	2 14	15 7	1 2	17 14	2 1	12 47	2 28	22 39	1 6	21 47	1 20	21 4	0 42	17 26	1 21	28 12	4 35	8 13	7 37	5 33		n.a.
F 4	20 41	17 24	3 21	15 51	0 50	16 53	2 14	12 47	2 30	22 37	1 6	21 47	1 21	21 4	0 42	17 25	1 21	28 12	4 35	8 12	7 36	5 35		n.a.
S 5	20 53	18 49	4 14	16 34	0 38	16 32	2 27	12 47	2 32	22 36	1 6	21 48	1 21	21 4	0 42	17 25	1 21	28 12	4 35	8 10	7 35	5 37		n.a.
S 6	21 5	19 1	4 49	17 18	0 26	16 12	2 39	12 48	2 34	22 34	1 6	21 48	1 21	21 5	0 42	17 25	1 21	28 12	4 35	8 7	7 34	5 39		n.a.
M 7	21 16	18 3	5 7	18 1	0 14	15 52	2 51	12 49	2 36	22 32	1 6	21 49	1 21	21 5	0 42	17 24	1 21	28 13	4 35	8 5	7 33	5 41		n.a.
T 8	21 26	16 8	5 8	18 43	0 2	15 34	3 2	12 50	2 38	22 30	1 6	21 49	1 21	21 5	0 42	17 24	1 21	28 13	4 35	8 2	7 31	5 42		n.a.
W 9	21 37	13 26	4 52	19 24	0n 9	15 16	3 13	12 51	2 40	22 28	1 6	21 50	1 22	21 5	0 42	17 24	1 21	28 13	4 35	8 0	7 30	5 44		n.a.
T 10	21 47	10 11	4 22	20 4	0 20	14 59	3 23	12 52	2 42	22 26	1 6	21 51	1 22	21 6	0 42	17 23	1 21	28 13	4 36	7 59	7 29	5 46		n.a.
F 11	21 56	6 35	3 42	20 43	0 31	14 43	3 33	12 54	2 44	22 24	1 6	21 51	1 22	21 6	0 42	17 23	1 21	28 13	4 36	7 59	7 28	5 48		n.a.
S 12	22 6	2 46	2 52	21 20	0 40	14 28	3 42	12 56	2 46	22 21	1 6	21 52	1 22	21 6	0 42	17 23	1 21	28 13	4 36	7 59	7 26	5 50		n.a.
S 13	22 15	1s 6	1 55	21 55	0 50	14 14	3 51	12 58	2 47	22 19	1 6	21 52	1 22	21 7	0 42	17 22	1 21	28 13	4 36	7 59	7 25	5 51		n.a.
M14	22 23	4 55	0 53	22 28	0 59	14 1	3 59	13 1	2 49	22 17	1 6	21 53	1 23	21 7	0 42	17 22	1 21	28 13	4 36	8 0	7 24	5 53		n.a.
T 15	22 31	8 34	0n10	22 58	1 7	13 49	4 7	13 3	2 51	22 15	1 6	21 54	1 23	21 7	0 42	17 22	1 21	28 13	4 36	8 0	7 23	5 55		n.a.
W16	22 39	11 53	1 14	23 26	1 14	13 39	4 14	13 6	2 52	22 13	1 6	21 54	1 23	21 8	0 42	17 21	1 21	28 13	4 36	8 0	7 22	5 57		n.a.
T 17	22 47	14 45	2 15	23 52	1 21	13 29	4 21	13 9	2 53	22 11	1 5	21 55	1 23	21 8	0 42	17 21	1 21	28 13	4 36	7 58	7 20	5 59		n.a.
F 18	22 54	17 0	3 10	24 15	1 27	13 21	4 27	13 13	2 55	22 8	1 5	21 56	1 23	21 8	0 43	17 20	1 21	28 13	4 36	7 56	7 19	6 0		n.a.
S 19	23 0	18 30	3 57	24 35	1 33	13 14	4 32	13 17	2 56	22 6	1 5	21 57	1 24	21 9	0 43	17 20	1 21	28 13	4 37	7 53	7 18	6 2		n.a.
S 20	23 6	19 7	4 34	24 52	1 37	13 8	4 37	13 20	2 57	22 4	1 5	21 57	1 24	21 9	0 43	17 20	1 21	28 13	4 37	7 50	7 17	6 4		n.a.
M21	23 12	18 44	4 57	25 7	1 41	13 3	4 42	13 25	2 58	22 1	1 5	21 58	1 24	21 9	0 43	17 19	1 21	28 13	4 37	7 46	7 15	6 6		n.a.
T 22	23 18	17 21	5 5	25 19	1 44	13 0	4 46	13 29	2 59	21 59	1 5	21 59	1 24	21 10	0 43	17 19	1 21	28 13	4 37	7 43	7 14	6 8		n.a.
W23	23 23	15 1	4 56	25 28	1 47	12 57	4 49	13 33	3 0	21 57	1 5	22 0	1 24	21 10	0 43	17 18	1 21	28 13	4 37	7 39	7 13	6 10		n.a.
T 24	23 27	11 50	4 31	25 35	1 49	12 55	4 53	13 38	3 1	21 54	1 5	22 1	1 25	21 10	0 43	17 18	1 21	28 13	4 37	7 37	7 12	6 11		n.a.
F 25	23 31	7 58	3 50	25 39	1 50	12 55	4 55	13 43	3 2	21 52	1 5	22 1	1 25	21 11	0 43	17 17	1 21	28 13	4 37	7 35	7 10	6 13		n.a.
S 26	23 35	3 38	2 55	25 40	1 50	12 55	4 58	13 48	3 3	21 49	1 5	22 2	1 25	21 11	0 43	17 17	1 21	28 13	4 37	7 35	7 9	6 15		n.a.
S 27	23 38	0n57	1 49	25 39	1 50	12 57	5 0	13 54	3 4	21 47	1 5	22 3	1 25	21 12	0 43	17 16	1 20	28 13	4 37	7 35	7 8	6 17		n.a.
M28	23 41	5 32	0 35	25 36	1 49	12 59	5 1	13 59	3 5	21 44	1 5	22 4	1 25	21 12	0 43	17 16	1 20	28 13	4 37	7 35	7 7	6 18		n.a.
T 29	23 44	9 50	0s41	25 31	1 48	13 2	5 3	14 5	3 6	21 42	1 5	22 5	1 25	21 12	0 43	17 15	1 20	28 13	4 37	7 35	7 6	6 20		n.a.
W30	23n46	13n35	1s55	25n23	1n46	13n 6	5s 3	14s11	3s 6	21n39	1n 5	22s 6	1s26	21s13	0s43	17n15	1n20	28s13	4s38	7s34	7s 4	6s22		n.a.

Julian Day Number = 1287657.5, Delta T = 08h02m12s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°28'02, Lahiri = -20°21'02 Julian Calendar 1 June 1188 BCE == Greg. Calendar 21 May 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

JULY 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 5	26♊44'09	25♉27	9♋19	20♉ 4	29♎15	29♋39	28°R56	29°R49	17♑ 6	22°R 9	18°R57	17♎41	15♎33	n.a.	T 1
F 2	17 56 2	27°41'42	9♊47	11° 8	20°26	29°31	29°51	28♏52	29♏47	17° 7	22♐ 8	18♎50	17°38	15°40	n.a.	F 2
S 3	17 59 58	28°39'16	23°57	12°55	20°49	29°47	0♑ 3	28°48	29°45	17° 9	22° 7	18°41	17°35	15°47	n.a.	S 3
S 4	18 3 55	29°36'52	7♋54	14°41	21°14	0♏ 5	0°15	28°45	29°43	17°11	22° 5	18°30	17°32	15°53	n.a.	S 4
M 5	18 7 51	0♋34'29	21°31	16°25	21°40	0°23	0°27	28°41	29°41	17°12	22° 4	18°19	17°28	16° 0	n.a.	M 5
T 6	18 11 48	1°32'07	4♑48	18° 8	22° 8	0°41	0°39	28°37	29°39	17°14	22° 3	18° 8	17°25	16° 7	n.a.	T 6
W 7	18 15 44	2°29'46	17°42	19°49	22°37	1° 1	0°52	28°33	29°37	17°16	22° 1	17°59	17°22	16°13	n.a.	W 7
T 8	18 19 41	3°27'27	0♍16	21°29	23° 8	1°20	1° 4	28°29	29°35	17°17	22° 0	17°53	17°19	16°20	n.a.	T 8
F 9	18 23 38	4°25'09	12°31	23° 8	23°40	1°41	1°16	28°25	29°33	17°19	21°58	17°49	17°16	16°27	n.a.	F 9
S 10	18 27 34	5°22'52	24°32	24°45	24°14	2° 2	1°28	28°21	29°31	17°21	21°57	17°47	17°12	16°33	n.a.	S 10
S 11	18 31 31	6°20'36	6♎24	26°20	24°49	2°23	1°41	28°17	29°29	17°23	21°56	17°D46	17° 9	16°40	n.a.	S 11
M12	18 35 27	7°18'22	18°13	27°54	25°25	2°45	1°53	28°13	29°27	17°24	21°54	17°R47	17° 6	16°47	n.a.	M12
T 13	18 39 24	8°16'09	0♏ 3	29°27	26° 3	3° 8	2° 6	28° 9	29°24	17°26	21°53	17°46	17° 3	16°53	n.a.	T 13
W14	18 43 20	9°13'57	12° 0	0♑58	26°41	3°31	2°18	28° 5	29°22	17°28	21°52	17°44	17° 0	17° 0	n.a.	W14
T 15	18 47 17	10°11'47	24° 9	2°27	27°21	3°54	2°31	28° 0	29°20	17°30	21°50	17°40	16°57	17° 6	n.a.	T 15
F 16	18 51 13	11° 9'38	6♐33	3°56	28° 1	4°18	2°43	27°56	29°18	17°32	21°49	17°33	16°53	17°13	n.a.	F 16
S 17	18 55 10	12° 7'31	19°15	5°22	28°43	4°43	2°56	27°52	29°16	17°34	21°48	17°23	16°50	17°20	n.a.	S 17
S 18	18 59 7	13° 5'26	2♏16	6°47	29°26	5° 8	3° 8	27°47	29°13	17°35	21°46	17°12	16°47	17°26	n.a.	S 18
M19	19 3 3	14° 3'22	15°35	8°11	0♊10	5°33	3°21	27°43	29°11	17°37	21°45	16°59	16°44	17°33	n.a.	M19
T 20	19 7 0	15° 1'20	29°10	9°33	0°55	5°59	3°34	27°38	29° 9	17°39	21°44	16°47	16°41	17°40	n.a.	T 20
W21	19 10 56	15°59'20	12♒58	10°54	1°40	6°26	3°46	27°34	29° 6	17°41	21°43	16°36	16°38	17°46	n.a.	W21
T 22	19 14 53	16°57'22	26°56	12°12	2°27	6°52	3°59	27°30	29° 4	17°43	21°41	16°28	16°34	17°53	n.a.	T 22
F 23	19 18 49	17°55'25	10♓59	13°30	3°14	7°20	4°12	27°25	29° 2	17°45	21°40	16°22	16°31	18° 0	n.a.	F 23
S 24	19 22 46	18°53'31	25° 6	14°45	4° 2	7°47	4°25	27°20	28°59	17°47	21°39	16°19	16°28	18° 6	n.a.	S 24
S 25	19 26 42	19°51'39	9♈13	15°58	4°51	8°15	4°37	27°16	28°57	17°49	21°38	16°18	16°25	18°13	n.a.	S 25
M26	19 30 39	20°49'49	23°20	17°10	5°41	8°44	4°50	27°11	28°55	17°51	21°37	16°18	16°22	18°20	n.a.	M26
T 27	19 34 35	21°48'01	7♉26	18°20	6°31	9°12	5° 3	27° 7	28°52	17°53	21°35	16°18	16°18	18°26	n.a.	T 27
W28	19 38 32	22°46'16	21°29	19°28	7°23	9°42	5°16	27° 2	28°50	17°55	21°34	16°16	16°15	18°33	n.a.	W28
T 29	19 42 29	23°44'32	5♊29	20°33	8°15	10°11	5°29	26°57	28°48	17°57	21°33	16°11	16°12	18°40	n.a.	T 29
F 30	19 46 25	24°42'51	19°23	21°36	9° 7	10°41	5°42	26°53	28°45	18° 0	21°32	16° 3	16° 9	18°46	n.a.	F 30
S 31	19 50 22	25♋41'12	3♋ 9	22♑37	10♊ 0	11♏11	5♑55	26♏48	28♏43	18♑ 2	21♐31	15♎53	16♎ 6	18♎53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	16n31	3s 1	25n14	1n44	13n10	5s 4	14s17	3s 7	21n37	1n 5	22s 7	1s26	21s13	0s43	17n14	1n20	28s13	4s38	7s32	7s 3	6s24		n.a.
F 2	23 49	18 24	3 56	25 2	1 41	13 16	5 4	14 24	3 7	21 34	1 5	22 7	1 26	21 14	0 43	17 14	1 20	28 13	4 38	7 30	7 2	6 26		n.a.
S 3	23 50	19 7	4 35	24 49	1 38	13 22	5 4	14 30	3 8	21 32	1 5	22 8	1 26	21 14	0 43	17 13	1 20	28 13	4 38	7 26	7 1	6 27		n.a.
S 4	23 50	18 39	4 57	24 34	1 34	13 29	5 4	14 37	3 8	21 29	1 5	22 9	1 26	21 15	0 43	17 13	1 20	28 13	4 38	7 22	6 59	6 29		n.a.
M 5	23 50	17 7	5 2	24 18	1 30	13 36	5 3	14 44	3 9	21 26	1 5	22 10	1 26	21 15	0 43	17 12	1 20	28 13	4 38	7 18	6 58	6 31		n.a.
T 6	23 49	14 41	4 50	24 0	1 26	13 44	5 2	14 51	3 9	21 24	1 5	22 11	1 27	21 15	0 43	17 12	1 20	28 13	4 38	7 14	6 57	6 33		n.a.
W 7	23 49	11 36	4 23	23 40	1 21	13 52	5 1	14 58	3 10	21 21	1 5	22 12	1 27	21 16	0 43	17 11	1 20	28 13	4 38	7 10	6 56	6 35		n.a.
T 8	23 47	8 4	3 44	23 19	1 15	14 1	5 0	15 5	3 10	21 18	1 5	22 13	1 27	21 16	0 43	17 11	1 20	28 13	4 38	7 8	6 54	6 36		n.a.
F 9	23 45	4 16	2 56	22 57	1 10	14 11	4 58	15 13	3 10	21 15	1 5	22 14	1 27	21 17	0 43	17 10	1 20	28 13	4 38	7 6	6 53	6 38		n.a.
S 10	23 43	0 22	2 0	22 34	1 4	14 21	4 57	15 21	3 11	21 13	1 5	22 15	1 27	21 17	0 43	17 10	1 20	28 13	4 38	7 5	6 52	6 40		n.a.
S 11	23 41	3s30	1 0	22 10	0 57	14 31	4 55	15 28	3 11	21 10	1 5	22 16	1 27	21 18	0 43	17 9	1 20	28 13	4 38	7 5	6 51	6 42		n.a.
M12	23 38	7 13	0n 2	21 45	0 51	14 42	4 53	15 36	3 11	21 7	1 5	22 17	1 28	21 18	0 43	17 8	1 20	28 13	4 38	7 5	6 49	6 43		n.a.
T 13	23 34	10 40	1 5	21 19	0 44	14 53	4 50	15 44	3 11	21 4	1 5	22 18	1 28	21 19	0 43	17 8	1 20	28 13	4 38	7 5	6 48	6 45		n.a.
W14	23 30	13 43	2 5	20 52	0 37	15 4	4 48	15 53	3 11	21 1	1 5	22 19	1 28	21 19	0 43	17 7	1 20	28 12	4 38	7 4	6 47	6 47		n.a.
T 15	23 26	16 13	3 0	20 24	0 29	15 16	4 45	16 1	3 11	20 58	1 5	22 20	1 28	21 20	0 43	17 7	1 20	28 12	4 38	7 3	6 46	6 49		n.a.
F 16	23 21	18 1	3 48	19 56	0 22	15 28	4 42	16 9	3 11	20 55	1 5	22 21	1 28	21 20	0 43	17 6	1 20	28 12	4 38	7 0	6 45	6 51		n.a.
S 17	23 16	18 59	4 26	19 27	0 14	15 40	4 39	16 18	3 11	20 52	1 5	22 22	1 28	21 21	0 43	17 6	1 20	28 12	4 38	6 56	6 43	6 52		n.a.
S 18	23 11	18 58	4 51	18 58	0 6	15 52	4 36	16 27	3 11	20 49	1 5	22 23	1 28	21 21	0 43	17 5	1 20	28 12	4 38	6 52	6 42	6 54		n.a.
M19	23 5	17 56	5 0	18 28	0s 3	16 5	4 33	16 35	3 11	20 46	1 5	22 24	1 28	21 22	0 43	17 4	1 20	28 12	4 38	6 47	6 41	6 56		n.a.
T 20	22 58	15 52	4 54	17 58	0 11	16 17	4 29	16 44	3 11	20 43	1 5	22 25	1 29	21 22	0 43	17 4	1 20	28 12	4 39	6 42	6 40	6 58		n.a.
W21	22 51	12 53	4 30	17 28	0 20	16 30	4 26	16 53	3 11	20 40	1 5	22 26	1 29	21 23	0 43	17 3	1 20	28 12	4 39	6 38	6 38	6 59		n.a.
T 22	22 44	9 9	3 50	16 57	0 29	16 43	4 22	17 2	3 11	20 37	1 5	22 27	1 29	21 23	0 43	17 2	1 20	28 12	4 39	6 35	6 37	7 1		n.a.
F 23	22 37	4 52	2 55	16 27	0 38	16 56	4 18	17 11	3 11	20 34	1 5	22 28	1 29	21 24	0 43	17 2	1 20	28 12	4 39	6 32	6 36	7 3		n.a.
S 24	22 29	0 18	1 50	15 56	0 47	17 8	4 14	17 20	3 11	20 31	1 5	22 29	1 29	21 24	0 43	17 1	1 20	28 12	4 39	6 31	6 35	7 5		n.a.
S 25	22 20	4n17	0 37	15 25	0 56	17 21	4 10	17 29	3 10	20 28	1 5	22 30	1 29	21 25	0 43	17 1	1 20	28 12	4 39	6 31	6 33	7 6		n.a.
M26	22 11	8 38	0s37	14 55	1 5	17 34	4 6	17 38	3 10	20 25	1 5	22 31	1 29	21 25	0 43	17 0	1 20	28 12	4 39	6 31	6 32	7 8		n.a.
T 27	22 2	12 30	1 49	14 24	1 14	17 47	4 2	17 47	3 10	20 22	1 5	22 32	1 29	21 26	0 43	16 59	1 20	28 12	4 39	6 31	6 31	7 10		n.a.
W28	21 52	15 37	2 55	13 54	1 24	17 59	3 58	17 57	3 10	20 19	1 5	22 33	1 29	21 26	0 43	16 59	1 20	28 12	4 39	6 30	6 30	7 12		n.a.
T 29	21 42	17 49	3 49	13 24	1 33	18 12	3 54	18 6	3 9	20 15	1 5	22 34	1 30	21 27	0 43	16 58	1 20	28 12	4 39	6 28	6 28	7 13		n.a.
F 30	21 32	18 55	4 30	12 55	1 43	18 24	3 49	18 15	3 9	20 12	1 5	22 35	1 30	21 27	0 43	16 57	1 20	28 12	4 39	6 25	6 27	7 15		n.a.
S 31	21n21	18n54	4s54	12n26	1s52	18n37	3s45	18s25	3s 9	20n 9	1n 5	22s36	1s30	21s28	0s43	16n57	1n20	28s11	4s39	6s21	6s26	7s17		n.a.

Julian Day Number = 1287687.5, Delta T = 08h02m10s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'58, Lahiri = -20°20'58 Julian Calendar 1 July 1188 BCE == Greg. Calendar 20 June 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

AUGUST 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 18	26♋39'36	16♋42	23♌35	10♊54	11♏42	6♌ 8	26°R43	28°R40	18♌ 4	21°R30	15°R41	16♎ 3	18♎59	n.a.	S 1
M 2	19 58 15	27°38'01	0♌ 1	24°31	11°48	12°13	6°21	26♏39	28♏38	18° 6	21♐29	15♎29	15°59	19° 6	n.a.	M 2
T 3	20 2 11	28°36'28	13° 4	25°24	12°43	12°44	6°34	26°34	28°36	18° 8	21°28	15°17	15°56	19°13	n.a.	T 3
W 4	20 6 8	29°34'57	25°48	26°13	13°39	13°16	6°47	26°30	28°33	18°10	21°27	15° 7	15°53	19°19	n.a.	W 4
T 5	20 10 4	0♌33'28	8♍15	26°59	14°35	13°48	7° 0	26°25	28°31	18°12	21°26	14°59	15°50	19°26	n.a.	T 5
F 6	20 14 1	1°32'01	20°27	27°42	15°31	14°20	7°13	26°20	28°28	18°14	21°25	14°54	15°47	19°33	n.a.	F 6
S 7	20 17 58	2°30'36	2♎26	28°20	16°28	14°53	7°26	26°16	28°26	18°17	21°24	14°52	15°44	19°39	n.a.	S 7
S 8	20 21 54	3°29'12	14°17	28°55	17°26	15°26	7°39	26°11	28°24	18°19	21°23	14°D51	15°40	19°46	n.a.	S 8
M 9	20 25 51	4°27'51	26° 4	29°25	18°23	15°59	7°52	26° 7	28°21	18°21	21°22	14°51	15°37	19°53	n.a.	M 9
T 10	20 29 47	5°26'31	7♏54	29°50	19°22	16°32	8° 5	26° 2	28°19	18°23	21°21	14°R51	15°34	19°59	n.a.	T 10
W11	20 33 44	6°25'13	19°52	0♍11	20°21	17° 6	8°18	25°57	28°16	18°25	21°20	14°50	15°31	20° 6	n.a.	W11
T 12	20 37 40	7°23'57	2♐ 2	0°25	21°20	17°40	8°31	25°53	28°14	18°27	21°19	14°48	15°28	20°13	n.a.	T 12
F 13	20 41 37	8°22'43	14°30	0°34	22°20	18°14	8°44	25°48	28°12	18°30	21°18	14°42	15°24	20°19	n.a.	F 13
S 14	20 45 33	9°21'31	27°18	0°R37	23°20	18°49	8°57	25°44	28° 9	18°32	21°17	14°35	15°21	20°26	n.a.	S 14
S 15	20 49 30	10°20'20	10♑30	0°33	24°20	19°24	9°10	25°40	28° 7	18°34	21°17	14°25	15°18	20°32	n.a.	S 15
M16	20 53 26	11°19'12	24° 5	0°22	25°21	19°59	9°23	25°35	28° 5	18°36	21°16	14°15	15°15	20°39	n.a.	M16
T 17	20 57 23	12°18'06	8♒ 1	0° 4	26°23	20°34	9°36	25°31	28° 2	18°39	21°15	14° 5	15°12	20°46	n.a.	T 17
W18	21 1 20	13°17'02	22°14	29♌38	27°24	21° 9	9°49	25°27	28° 0	18°41	21°14	13°56	15° 9	20°52	n.a.	W18
T 19	21 5 16	14°16'00	6♓38	29° 6	28°26	21°45	10° 3	25°22	27°58	18°43	21°13	13°49	15° 5	20°59	n.a.	T 19
F 20	21 9 13	15°15'00	21° 7	28°25	29°29	22°21	10°16	25°18	27°56	18°45	21°13	13°44	15° 2	21° 6	n.a.	F 20
S 21	21 13 9	16°14'03	5♈36	27°38	0♋31	22°57	10°29	25°14	27°53	18°47	21°12	13°42	14°59	21°12	n.a.	S 21
S 22	21 17 6	17°13'08	19°59	26°45	1°34	23°33	10°42	25°10	27°51	18°50	21°11	13°D42	14°56	21°19	n.a.	S 22
M23	21 21 2	18°12'16	4♉15	25°45	2°38	24°10	10°55	25° 6	27°49	18°52	21°11	13°43	14°53	21°26	n.a.	M23
T 24	21 24 59	19°11'26	18°21	24°41	3°41	24°47	11° 8	25° 2	27°47	18°54	21°10	13°R43	14°50	21°32	n.a.	T 24
W25	21 28 55	20°10'39	2♊17	23°34	4°45	25°24	11°21	24°58	27°45	18°56	21°10	13°43	14°46	21°39	n.a.	W25
T 26	21 32 52	21° 9'54	16° 1	22°25	5°50	26° 1	11°34	24°54	27°42	18°59	21° 9	13°40	14°43	21°46	n.a.	T 26
F 27	21 36 49	22° 9'12	29°35	21°16	6°54	26°38	11°47	24°50	27°40	19° 1	21° 9	13°35	14°40	21°52	n.a.	F 27
S 28	21 40 45	23° 8'32	12♋56	20° 8	7°59	27°16	12° 0	24°46	27°38	19° 3	21° 8	13°28	14°37	21°59	n.a.	S 28
S 29	21 44 42	24° 7'55	26° 6	19° 5	9° 4	27°53	12°13	24°42	27°36	19° 5	21° 8	13°20	14°34	22° 6	n.a.	S 29
M30	21 48 38	25° 7'20	9♌ 2	18° 7	10°10	28°31	12°26	24°39	27°34	19° 8	21° 7	13°11	14°30	22°12	n.a.	M30
T 31	21 52 35	26♌ 6'47	21♌45	17♌15	11♋15	29♏ 9	12♌38	24♏35	27♏32	19♌10	21♐ 7	13♎ 2	14♎27	22♎19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n10	17n47	5s 1	11n58	2s 2	18n49	3s40	18s34	3s 8	20n 6	1n 5	22s37	1s30	21s28	0s43	16n56	1n20	28s11	4s39	6s16	6s25	7s19			n.a.
M 2	20 59	15 44	4 52	11 31	2 11	19 1	3 36	18 44	3 8	20 2	1 5	22 38	1 30	21 29	0 43	16 55	1 20	28 11	4 39	6 12	6 23	7 20			n.a.
T 3	20 47	12 54	4 27	11 4	2 20	19 13	3 31	18 53	3 8	19 59	1 5	22 39	1 30	21 29	0 43	16 55	1 20	28 11	4 39	6 7	6 22	7 22			n.a.
W 4	20 34	9 32	3 49	10 39	2 30	19 24	3 26	19 3	3 7	19 56	1 5	22 40	1 30	21 30	0 43	16 54	1 20	28 11	4 39	6 3	6 21	7 24			n.a.
T 5	20 22	5 49	3 1	10 14	2 39	19 35	3 21	19 12	3 7	19 52	1 5	22 41	1 30	21 30	0 43	16 53	1 20	28 11	4 39	6 0	6 20	7 26			n.a.
F 6	20 9	1 55	2 6	9 51	2 47	19 46	3 17	19 22	3 6	19 49	1 5	22 42	1 30	21 31	0 43	16 53	1 20	28 11	4 39	5 58	6 18	7 27			n.a.
S 7	19 55	1s59	1 6	9 30	2 56	19 57	3 12	19 31	3 6	19 46	1 5	22 43	1 30	21 31	0 43	16 52	1 20	28 11	4 39	5 57	6 17	7 29			n.a.
S 8	19 42	5 46	0 3	9 10	3 4	20 8	3 7	19 40	3 5	19 42	1 5	22 44	1 30	21 32	0 43	16 51	1 20	28 11	4 39	5 57	6 16	7 31			n.a.
M 9	19 28	9 18	1n 0	8 52	3 12	20 18	3 2	19 50	3 5	19 39	1 5	22 45	1 30	21 32	0 43	16 50	1 20	28 11	4 39	5 57	6 15	7 33			n.a.
T 10	19 13	12 29	2 0	8 36	3 20	20 28	2 57	19 59	3 4	19 36	1 5	22 46	1 30	21 33	0 43	16 50	1 20	28 11	4 39	5 57	6 14	7 34			n.a.
W11	18 58	15 11	2 55	8 22	3 27	20 37	2 52	20 9	3 3	19 32	1 5	22 47	1 30	21 33	0 43	16 49	1 20	28 11	4 39	5 56	6 12	7 36			n.a.
T 12	18 43	17 15	3 44	8 11	3 34	20 46	2 47	20 18	3 3	19 29	1 5	22 48	1 31	21 34	0 43	16 48	1 20	28 11	4 39	5 55	6 11	7 38			n.a.
F 13	18 28	18 33	4 23	8 2	3 39	20 55	2 42	20 27	3 2	19 25	1 5	22 49	1 31	21 34	0 43	16 48	1 20	28 11	4 39	5 53	6 10	7 39			n.a.
S 14	18 12	18 58	4 50	7 57	3 44	21 3	2 37	20 37	3 2	19 22	1 5	22 50	1 31	21 35	0 43	16 47	1 20	28 10	4 39	5 50	6 9	7 41			n.a.
S 15	17 56	18 22	5 3	7 54	3 48	21 11	2 32	20 46	3 1	19 18	1 5	22 51	1 31	21 35	0 43	16 46	1 20	28 10	4 39	5 47	6 7	7 43			n.a.
M16	17 40	16 44	5 0	7 55	3 51	21 18	2 27	20 55	3 0	19 15	1 5	22 52	1 31	21 36	0 43	16 46	1 20	28 10	4 39	5 43	6 6	7 45			n.a.
T 17	17 23	14 5	4 38	8 0	3 53	21 25	2 22	21 4	3 0	19 11	1 6	22 52	1 31	21 36	0 43	16 45	1 20	28 10	4 39	5 38	6 5	7 46			n.a.
W18	17 6	10 34	3 59	8 9	3 54	21 32	2 16	21 13	2 59	19 8	1 6	22 53	1 31	21 37	0 43	16 44	1 20	28 10	4 38	5 35	6 4	7 48			n.a.
T 19	16 49	6 22	3 5	8 21	3 53	21 38	2 11	21 22	2 58	19 4	1 6	22 54	1 31	21 37	0 43	16 44	1 20	28 10	4 38	5 32	6 2	7 50			n.a.
F 20	16 32	1 47	1 58	8 38	3 50	21 44	2 6	21 31	2 58	19 1	1 6	22 55	1 31	21 37	0 43	16 43	1 20	28 10	4 38	5 30	6 1	7 52			n.a.
S 21	16 14	2n55	0 43	8 58	3 45	21 49	2 1	21 40	2 57	18 57	1 6	22 56	1 31	21 38	0 43	16 42	1 20	28 10	4 38	5 30	6 0	7 53			n.a.
S 22	15 56	7 25	0s34	9 23	3 39	21 53	1 56	21 49	2 56	18 54	1 6	22 56	1 31	21 38	0 43	16 41	1 20	28 10	4 38	5 30	5 59	7 55			n.a.
M23	15 37	11 27	1 48	9 51	3 30	21 58	1 51	21 57	2 56	18 50	1 6	22 57	1 31	21 39	0 43	16 41	1 20	28 10	4 38	5 30	5 57	7 57			n.a.
T 24	15 19	14 46	2 55	10 22	3 20	22 1	1 46	22 6	2 55	18 47	1 6	22 58	1 31	21 39	0 43	16 40	1 20	28 10	4 38	5 30	5 56	7 58			n.a.
W25	15 0	17 11	3 51	10 57	3 7	22 4	1 41	22 14	2 54	18 43	1 6	22 59	1 31	21 40	0 43	16 39	1 20	28 10	4 38	5 30	5 55	8 0			n.a.
T 26	14 41	18 34	4 32	11 33	2 53	22 7	1 36	22 23	2 53	18 39	1 6	22 59	1 31	21 40	0 43	16 39	1 20	28 10	4 38	5 29	5 54	8 2			n.a.
F 27	14 21	18 52	4 58	12 11	2 37	22 8	1 31	22 31	2 52	18 36	1 6	23 0	1 31	21 41	0 43	16 38	1 20	28 9	4 38	5 27	5 52	8 4			n.a.
S 28	14 2	18 6	5 7	12 49	2 19	22 10	1 26	22 39	2 52	18 32	1 6	23 1	1 31	21 41	0 43	16 37	1 20	28 9	4 38	5 24	5 51	8 5			n.a.
S 29	13 42	16 22	5 0	13 27	2 0	22 11	1 21	22 47	2 51	18 29	1 6	23 2	1 31	21 41	0 43	16 37	1 20	28 9	4 38	5 21	5 50	8 7			n.a.
M30	13 22	13 51	4 37	14 3	1 41	22 11	1 16	22 55	2 50	18 25	1 6	23 2	1 31	21 42	0 43	16 36	1 20	28 9	4 38	5 17	5 49	8 9			n.a.
T 31	13n 1	10n42	4s 1	14n38	1s21	22n10	1s11	23s 3	2s49	18n21	1n 7	23s 3	1s31	21s42	0s43	16n35	1n20	28s 9	4s38	5s14	5s47	8s10			n.a.

Julian Day Number = 1287718.5, Delta T = 08h02m09s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'54, Lahiri = -20°20'54 Julian Calendar 1 Aug. 1188 BCE == Greg. Calendar 21 July 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

SEPTEMBER 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 56 31	27♌ 6'16	4♍14	16°R33	12♋21	29♏47	12♌51	24°R31	27°R30	19♌12	21°R 6	12°R55	14♎24	22♎25	n.a.	W 1
T 2	22 0 28	28° 5'47	16°30	16♌ 0	13°27	0♐26	13° 4	24♑28	27♑28	19°14	21♐ 6	12♎50	14°21	22°32	n.a.	T 2
F 3	22 4 24	29° 5'21	28°35	15°37	14°34	1° 4	13°17	24°25	27°26	19°16	21° 6	12°47	14°18	22°39	n.a.	F 3
S 4	22 8 21	0♍ 4'56	10♎30	15°25	15°40	1°43	13°30	24°21	27°24	19°19	21° 5	12°D45	14°15	22°45	n.a.	S 4
S 5	22 12 17	1° 4'33	22°19	15°D25	16°47	2°22	13°43	24°18	27°22	19°21	21° 5	12°46	14°11	22°52	n.a.	S 5
M 6	22 16 14	2° 4'13	4♏ 5	15°35	17°54	3° 1	13°55	24°15	27°20	19°23	21° 5	12°47	14° 8	22°59	n.a.	M 6
T 7	22 20 11	3° 3'54	15°54	15°55	19° 1	3°40	14° 8	24°12	27°19	19°25	21° 4	12°49	14° 5	23° 5	n.a.	T 7
W 8	22 24 7	4° 3'38	27°50	16°26	20° 9	4°20	14°21	24° 9	27°17	19°27	21° 4	12°50	14° 2	23°12	n.a.	W 8
T 9	22 28 4	5° 3'23	9♐58	17° 5	21°17	4°59	14°34	24° 6	27°15	19°30	21° 4	12°R50	13°59	23°19	n.a.	T 9
F 10	22 32 0	6° 3'10	22°24	17°54	22°25	5°39	14°46	24° 3	27°13	19°32	21° 4	12°49	13°55	23°25	n.a.	F 10
S 11	22 35 57	7° 2'59	5♑11	18°50	23°33	6°19	14°59	24° 0	27°12	19°34	21° 4	12°46	13°52	23°32	n.a.	S 11
S 12	22 39 53	8° 2'50	18°24	19°52	24°41	6°58	15°11	23°57	27°10	19°36	21° 4	12°41	13°49	23°39	n.a.	S 12
M13	22 43 50	9° 2'43	2♒ 3	21° 1	25°49	7°38	15°24	23°55	27° 8	19°38	21° 4	12°36	13°46	23°45	n.a.	M13
T 14	22 47 46	10° 2'37	16° 8	22°16	26°58	8°18	15°36	23°52	27° 7	19°40	21° 4	12°31	13°43	23°52	n.a.	T 14
W15	22 51 43	11° 2'34	0♓36	23°35	28° 7	8°59	15°49	23°50	27° 5	19°42	21°D 4	12°26	13°40	23°59	n.a.	W15
T 16	22 55 39	12° 2'32	15°20	24°57	29°16	9°39	16° 1	23°48	27° 4	19°45	21° 4	12°23	13°36	24° 5	n.a.	T 16
F 17	22 59 36	13° 2'32	0♈13	26°23	0♌25	10°19	16°14	23°45	27° 2	19°47	21° 4	12°21	13°33	24°12	n.a.	F 17
S 18	23 3 33	14° 2'35	15° 8	27°52	1°35	11° 0	16°26	23°43	27° 1	19°49	21° 4	12°D20	13°30	24°18	n.a.	S 18
S 19	23 7 29	15° 2'40	29°56	29°24	2°44	11°41	16°38	23°41	27° 0	19°51	21° 4	12°21	13°27	24°25	n.a.	S 19
M20	23 11 26	16° 2'47	14♉31	0♍57	3°54	12°21	16°50	23°39	26°58	19°53	21° 4	12°23	13°24	24°32	n.a.	M20
T 21	23 15 22	17° 2'56	28°50	2°31	5° 4	13° 2	17° 3	23°38	26°57	19°55	21° 4	12°24	13°21	24°38	n.a.	T 21
W22	23 19 19	18° 3'08	12♊51	4° 7	6°14	13°43	17°15	23°36	26°56	19°57	21° 4	12°R25	13°17	24°45	n.a.	W22
T 23	23 23 15	19° 3'22	26°32	5°44	7°24	14°24	17°27	23°34	26°54	19°59	21° 4	12°25	13°14	24°52	n.a.	T 23
F 24	23 27 12	20° 3'38	9♋55	7°22	8°35	15° 5	17°39	23°33	26°53	20° 1	21° 5	12°24	13°11	24°58	n.a.	F 24
S 25	23 31 8	21° 3'57	23° 1	9° 0	9°45	15°46	17°51	23°31	26°52	20° 3	21° 5	12°21	13° 8	25° 5	n.a.	S 25
S 26	23 35 5	22° 4'17	5♌51	10°38	10°56	16°28	18° 3	23°30	26°51	20° 5	21° 5	12°18	13° 5	25°12	n.a.	S 26
M27	23 39 2	23° 4'40	18°27	12°16	12° 7	17° 9	18°14	23°29	26°50	20° 7	21° 6	12°15	13° 1	25°18	n.a.	M27
T 28	23 42 58	24° 5'04	0♍51	13°55	13°18	17°51	18°26	23°27	26°49	20° 9	21° 6	12°12	12°58	25°25	n.a.	T 28
W29	23 46 55	25° 5'31	13° 4	15°34	14°29	18°32	18°38	23°26	26°48	20°11	21° 6	12°10	12°55	25°32	n.a.	W29
T 30	23 50 51	26♍ 5'59	25♍ 8	17♍12	15♌40	19♐14	18♌50	23♑26	26♑47	20♌13	21♐ 7	12♎ 8	12♎52	25♎38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n41	7n 7	3s13	15n10	1s 1	22n 9	1s 6	23s11	2s48	18n18	1n 7	23s 4	1s31	21s43	0s43	16n34	1n20	28s 9	4s38	5s11	5s46	8s12		n.a.
T 2	12 20	3 18	2 18	15 39	0 41	22 8	1 1	23 18	2 47	18 14	1 7	23 4	1 31	21 43	0 43	16 34	1 20	28 9	4 38	5 9	5 45	8 14		n.a.
F 3	11 59	0s35	1 16	16 5	0 21	22 6	0 56	23 26	2 47	18 10	1 7	23 5	1 31	21 43	0 43	16 33	1 20	28 9	4 38	5 8	5 44	8 15		n.a.
S 4	11 38	4 25	0 12	16 26	0 3	22 3	0 51	23 33	2 46	18 7	1 7	23 5	1 31	21 44	0 43	16 32	1 20	28 9	4 38	5 7	5 42	8 17		n.a.
S 5	11 16	8 2	0n52	16 43	0n15	22 0	0 46	23 40	2 45	18 3	1 7	23 6	1 31	21 44	0 43	16 32	1 20	28 9	4 38	5 7	5 41	8 19		n.a.
M 6	10 55	11 19	1 54	16 55	0 31	21 55	0 42	23 47	2 44	17 59	1 7	23 6	1 31	21 44	0 43	16 31	1 20	28 9	4 38	5 8	5 40	8 20		n.a.
T 7	10 33	14 9	2 51	17 3	0 46	21 51	0 37	23 54	2 43	17 56	1 7	23 7	1 31	21 45	0 43	16 30	1 20	28 9	4 38	5 9	5 39	8 22		n.a.
W 8	10 11	16 25	3 41	17 7	0 59	21 46	0 32	24 1	2 42	17 52	1 7	23 8	1 31	21 45	0 43	16 30	1 20	28 9	4 38	5 9	5 37	8 24		n.a.
T 9	9 49	17 59	4 23	17 6	1 11	21 40	0 28	24 7	2 41	17 48	1 7	23 8	1 31	21 45	0 43	16 29	1 20	28 9	4 38	5 9	5 36	8 26		n.a.
F 10	9 26	18 44	4 53	17 1	1 22	21 33	0 23	24 14	2 40	17 45	1 8	23 8	1 31	21 46	0 43	16 28	1 20	28 9	4 38	5 8	5 35	8 27		n.a.
S 11	9 4	18 34	5 10	16 52	1 31	21 26	0 19	24 20	2 39	17 41	1 8	23 9	1 31	21 46	0 43	16 28	1 20	28 8	4 38	5 7	5 34	8 29		n.a.
S 12	8 41	17 25	5 11	16 40	1 39	21 18	0 14	24 26	2 38	17 37	1 8	23 9	1 31	21 46	0 43	16 27	1 20	28 8	4 37	5 6	5 32	8 31		n.a.
M13	8 19	15 15	4 55	16 23	1 46	21 10	0 10	24 32	2 37	17 34	1 8	23 10	1 31	21 47	0 43	16 26	1 20	28 8	4 37	5 3	5 31	8 32		n.a.
T 14	7 56	12 7	4 21	16 4	1 51	21 1	0 6	24 37	2 36	17 30	1 8	23 10	1 31	21 47	0 43	16 26	1 20	28 8	4 37	5 1	5 30	8 34		n.a.
W15	7 33	8 11	3 29	15 42	1 55	20 51	0 1	24 43	2 35	17 26	1 8	23 11	1 30	21 47	0 43	16 25	1 20	28 8	4 37	5 0	5 29	8 36		n.a.
T 16	7 9	3 41	2 23	15 16	1 59	20 41	0n 3	24 48	2 34	17 23	1 8	23 11	1 30	21 47	0 43	16 24	1 20	28 8	4 37	4 58	5 27	8 37		n.a.
F 17	6 46	1n 6	1 6	14 49	2 1	20 30	0 7	24 54	2 33	17 19	1 8	23 11	1 30	21 48	0 43	16 24	1 20	28 8	4 37	4 57	5 26	8 39		n.a.
S 18	6 23	5 49	0s15	14 19	2 2	20 19	0 11	24 59	2 32	17 15	1 9	23 12	1 30	21 48	0 43	16 23	1 20	28 8	4 37	4 57	5 25	8 41		n.a.
S 19	5 59	10 9	1 35	13 47	2 3	20 7	0 15	25 3	2 31	17 12	1 9	23 12	1 30	21 48	0 43	16 22	1 20	28 8	4 37	4 58	5 24	8 42		n.a.
M20	5 35	13 47	2 48	13 13	2 2	19 54	0 19	25 8	2 30	17 8	1 9	23 12	1 30	21 48	0 43	16 22	1 20	28 8	4 37	4 58	5 22	8 44		n.a.
T 21	5 12	16 31	3 49	12 37	2 1	19 41	0 23	25 12	2 29	17 5	1 9	23 13	1 30	21 49	0 43	16 21	1 20	28 8	4 37	4 59	5 21	8 46		n.a.
W22	4 48	18 10	4 35	12 1	2 0	19 27	0 27	25 17	2 28	17 1	1 9	23 13	1 30	21 49	0 43	16 20	1 21	28 8	4 37	4 59	5 20	8 47		n.a.
T 23	4 24	18 44	5 3	11 22	1 57	19 13	0 31	25 21	2 27	16 57	1 9	23 13	1 30	21 49	0 43	16 20	1 21	28 8	4 37	4 59	5 19	8 49		n.a.
F 24	4 0	18 13	5 15	10 43	1 55	18 58	0 34	25 24	2 26	16 54	1 9	23 13	1 30	21 49	0 43	16 19	1 21	28 8	4 37	4 58	5 17	8 51		n.a.
S 25	3 36	16 44	5 10	10 3	1 51	18 42	0 38	25 28	2 25	16 50	1 9	23 13	1 30	21 50	0 43	16 19	1 21	28 8	4 37	4 58	5 16	8 52		n.a.
S 26	3 12	14 27	4 49	9 21	1 48	18 26	0 41	25 31	2 24	16 47	1 10	23 14	1 30	21 50	0 43	16 18	1 21	28 8	4 37	4 56	5 15	8 54		n.a.
M27	2 47	11 30	4 15	8 40	1 44	18 10	0 45	25 35	2 23	16 43	1 10	23 14	1 30	21 50	0 43	16 17	1 21	28 8	4 37	4 55	5 13	8 56		n.a.
T 28	2 23	8 6	3 29	7 57	1 39	17 52	0 48	25 38	2 22	16 39	1 10	23 14	1 30	21 50	0 43	16 17	1 21	28 8	4 37	4 54	5 12	8 57		n.a.
W29	1 59	4 23	2 34	7 14	1 35	17 35	0 51	25 40	2 21	16 36	1 10	23 14	1 30	21 50	0 43	16 16	1 21	28 8	4 37	4 53	5 11	8 59		n.a.
T 30	1n34	0n33	1s33	6n30	1n30	17n16	0n55	25s43	2s20	16n32	1n10	23s14	1s30	21s50	0s43	16n16	1n21	28s 8	4s37	4s52	5s10	9s 1		n.a.

Julian Day Number = 1287749.5, Delta T = 08h02m07s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'50, Lahiri = -20°20'49 Julian Calendar 1 Sept. 1188 BCE == Greg. Calendar 21 Aug. 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

OCTOBER 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 54 48	27♍ 6'29	7♎ 4	18♍51	16♌51	19♐55	19♌ 1	23°R25	26°R46	20♌15	21♐ 7	12°D 7	12♎49	25♎45	n.a.	F 1
S 2	23 58 44	28° 7'01	18°55	20°29	18° 3	20°37	19°13	23♑24	26♑46	20°16	21° 8	12♎ 7	12°46	25°52	n.a.	S 2
S 3	0 2 41	29° 7'34	0♏42	22° 7	19°14	21°19	19°24	23°23	26°45	20°18	21° 8	12° 8	12°42	25°58	n.a.	S 3
M 4	0 6 37	0♎ 8'10	12°29	23°45	20°26	22° 1	19°36	23°23	26°44	20°20	21° 9	12° 9	12°39	26° 5	n.a.	M 4
T 5	0 10 34	1° 8'46	24°18	25°23	21°38	22°43	19°47	23°23	26°43	20°22	21° 9	12°10	12°36	26°11	n.a.	T 5
W 6	0 14 30	2° 9'24	6♐14	27° 0	22°49	23°25	19°58	23°22	26°43	20°24	21°10	12°11	12°33	26°18	n.a.	W 6
T 7	0 18 27	3°10'04	18°21	28°37	24° 1	24° 7	20° 9	23°22	26°42	20°25	21°11	12°12	12°30	26°25	n.a.	T 7
F 8	0 22 24	4°10'45	0♑43	0♎14	25°14	24°49	20°21	23°D22	26°42	20°27	21°11	12°R13	12°26	26°31	n.a.	F 8
S 9	0 26 20	5°11'27	13°24	1°51	26°26	25°32	20°32	23°22	26°41	20°29	21°12	12°13	12°23	26°38	n.a.	S 9
S 10	0 30 17	6°12'11	26°30	3°27	27°38	26°14	20°43	23°22	26°41	20°31	21°13	12°12	12°20	26°45	n.a.	S 10
M11	0 34 13	7°12'55	10♒ 2	5° 3	28°50	26°56	20°53	23°22	26°41	20°32	21°13	12°12	12°17	26°51	n.a.	M11
T 12	0 38 10	8°13'41	24° 1	6°39	0♍ 3	27°39	21° 4	23°23	26°40	20°34	21°14	12°11	12°14	26°58	n.a.	T 12
W13	0 42 6	9°14'29	8♓27	8°14	1°16	28°21	21°15	23°23	26°40	20°36	21°15	12°11	12°11	27° 5	n.a.	W13
T 14	0 46 3	10°15'17	23°16	9°49	2°28	29° 4	21°26	23°24	26°40	20°37	21°16	12°10	12° 7	27°11	n.a.	T 14
F 15	0 49 59	11°16'07	8♈21	11°24	3°41	29°46	21°36	23°25	26°40	20°39	21°16	12°D10	12° 4	27°18	n.a.	F 15
S 16	0 53 56	12°16'58	23°33	12°59	4°54	0♑29	21°47	23°25	26°40	20°40	21°17	12°R10	12° 1	27°25	n.a.	S 16
S 17	0 57 53	13°17'50	8♉42	14°34	6° 7	1°11	21°57	23°26	26°40	20°42	21°18	12°10	11°58	27°31	n.a.	S 17
M18	1 1 49	14°18'44	23°40	16° 9	7°20	1°54	22° 7	23°27	26°D40	20°43	21°19	12°10	11°55	27°38	n.a.	M18
T 19	1 5 46	15°19'40	8♊19	17°43	8°33	2°37	22°17	23°28	26°40	20°45	21°20	12°10	11°52	27°45	n.a.	T 19
W20	1 9 42	16°20'37	22°35	19°17	9°46	3°19	22°27	23°30	26°40	20°46	21°21	12°10	11°48	27°51	n.a.	W20
T 21	1 13 39	17°21'36	6♋25	20°51	10°59	4° 2	22°37	23°31	26°40	20°48	21°22	12° 9	11°45	27°58	n.a.	T 21
F 22	1 17 35	18°22'36	19°49	22°25	12°13	4°45	22°47	23°32	26°40	20°49	21°23	12°D 9	11°42	28° 5	n.a.	F 22
S 23	1 21 32	19°23'37	2♌50	23°59	13°26	5°28	22°57	23°34	26°40	20°50	21°24	12° 9	11°39	28°11	n.a.	S 23
S 24	1 25 28	20°24'40	15°31	25°33	14°40	6°11	23° 7	23°36	26°41	20°52	21°25	12°10	11°36	28°18	n.a.	S 24
M25	1 29 25	21°25'45	27°55	27° 7	15°53	6°54	23°16	23°37	26°41	20°53	21°26	12°11	11°32	28°24	n.a.	M25
T 26	1 33 22	22°26'50	10♍ 5	28°41	17° 7	7°36	23°26	23°39	26°41	20°54	21°27	12°12	11°29	28°31	n.a.	T 26
W27	1 37 18	23°27'57	22° 6	0♏15	18°20	8°19	23°35	23°41	26°42	20°56	21°28	12°13	11°26	28°38	n.a.	W27
T 28	1 41 15	24°29'04	4♎ 0	1°48	19°34	9° 2	23°44	23°43	26°42	20°57	21°30	12°14	11°23	28°44	n.a.	T 28
F 29	1 45 11	25°30'13	15°50	3°22	20°48	9°45	23°53	23°45	26°43	20°58	21°31	12°R14	11°20	28°51	n.a.	F 29
S 30	1 49 8	26°31'23	27°37	4°56	22° 2	10°28	24° 2	23°48	26°44	20°59	21°32	12°13	11°17	28°58	n.a.	S 30
S 31	1 53 4	27♎32'33	9♏25	6♏30	23♍16	11♑11	24♌11	23♑50	26♑44	21♌ 0	21♐33	12♎12	11♎13	29♎ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n10	3s17	0s28	5n46	1n24	16n57	0n58	25s45	2s19	16n29	1n10	23s14	1s30	21s51	0s43	16n15	1n21	28s 8	4s36	4s52	5s 8	9s 2		n.a.
S 2	0 46	6 57	0n38	5 2	1 19	16 38	1 1	25 47	2 18	16 25	1 11	23 14	1 29	21 51	0 42	16 15	1 21	28 8	4 36	4 52	5 7	9 4		n.a.
S 3	0 21	10 20	1 41	4 18	1 13	16 18	1 4	25 49	2 17	16 22	1 11	23 14	1 29	21 51	0 42	16 14	1 21	28 8	4 36	4 52	5 6	9 6		n.a.
M 4	0s 3	13 17	2 41	3 33	1 7	15 58	1 7	25 51	2 16	16 18	1 11	23 14	1 29	21 51	0 42	16 13	1 21	28 8	4 36	4 53	5 5	9 7		n.a.
T 5	0 28	15 42	3 34	2 48	1 2	15 37	1 9	25 52	2 15	16 15	1 11	23 14	1 29	21 51	0 42	16 13	1 21	28 8	4 36	4 53	5 3	9 9		n.a.
W 6	0 52	17 28	4 18	2 3	0 55	15 16	1 12	25 53	2 14	16 11	1 11	23 14	1 29	21 51	0 42	16 12	1 21	28 8	4 36	4 54	5 2	9 10		n.a.
T 7	1 17	18 29	4 51	1 18	0 49	14 54	1 15	25 54	2 12	16 8	1 11	23 14	1 29	21 51	0 42	16 12	1 21	28 8	4 36	4 54	5 1	9 12		n.a.
F 8	1 41	18 38	5 12	0 34	0 43	14 32	1 17	25 55	2 11	16 4	1 12	23 14	1 29	21 51	0 42	16 11	1 21	28 8	4 36	4 54	5 0	9 14		n.a.
S 9	2 6	17 52	5 18	0s11	0 37	14 9	1 20	25 56	2 10	16 1	1 12	23 14	1 29	21 51	0 42	16 11	1 21	28 8	4 36	4 54	4 58	9 15		n.a.
S 10	2 30	16 9	5 8	0 56	0 30	13 46	1 22	25 56	2 9	15 58	1 12	23 14	1 29	21 51	0 42	16 10	1 21	28 8	4 36	4 54	4 57	9 17		n.a.
M11	2 55	13 30	4 41	1 41	0 24	13 23	1 24	25 56	2 8	15 54	1 12	23 14	1 29	21 51	0 42	16 10	1 21	28 8	4 36	4 54	4 56	9 19		n.a.
T 12	3 19	10 0	3 57	2 25	0 17	12 59	1 26	25 56	2 7	15 51	1 12	23 14	1 29	21 51	0 42	16 9	1 21	28 8	4 36	4 54	4 55	9 20		n.a.
W13	3 43	5 48	2 57	3 9	0 11	12 35	1 28	25 55	2 6	15 48	1 13	23 13	1 29	21 51	0 42	16 9	1 21	28 8	4 36	4 53	4 53	9 22		n.a.
T 14	4 8	1 8	1 43	3 53	0 4	12 10	1 30	25 55	2 5	15 44	1 13	23 13	1 29	21 51	0 42	16 8	1 21	28 8	4 36	4 53	4 52	9 23		n.a.
F 15	4 32	3n41	0 21	4 37	0s 2	11 45	1 32	25 54	2 4	15 41	1 13	23 13	1 28	21 51	0 42	16 8	1 21	28 8	4 36	4 53	4 51	9 25		n.a.
S 16	4 56	8 19	1s 3	5 21	0 9	11 20	1 34	25 53	2 3	15 38	1 13	23 13	1 28	21 51	0 42	16 7	1 21	28 8	4 36	4 53	4 50	9 27		n.a.
S 17	5 20	12 23	2 22	6 4	0 15	10 54	1 36	25 51	2 1	15 35	1 13	23 13	1 28	21 51	0 42	16 7	1 21	28 8	4 36	4 53	4 48	9 28		n.a.
M18	5 44	15 35	3 31	6 47	0 22	10 28	1 37	25 50	2 0	15 31	1 13	23 12	1 28	21 51	0 42	16 6	1 22	28 8	4 36	4 53	4 47	9 30		n.a.
T 19	6 8	17 42	4 25	7 30	0 28	10 1	1 39	25 48	1 59	15 28	1 14	23 12	1 28	21 51	0 42	16 6	1 22	28 8	4 36	4 53	4 46	9 32		n.a.
W20	6 32	18 38	5 0	8 12	0 34	9 35	1 40	25 46	1 58	15 25	1 14	23 12	1 28	21 51	0 42	16 6	1 22	28 8	4 36	4 53	4 45	9 33		n.a.
T 21	6 55	18 24	5 17	8 54	0 41	9 8	1 42	25 43	1 57	15 22	1 14	23 12	1 28	21 51	0 42	16 5	1 22	28 8	4 36	4 53	4 43	9 35		n.a.
F 22	7 19	17 9	5 15	9 35	0 47	8 40	1 43	25 41	1 56	15 19	1 14	23 11	1 28	21 51	0 42	16 5	1 22	28 8	4 36	4 53	4 42	9 36		n.a.
S 23	7 43	15 1	4 58	10 16	0 53	8 13	1 44	25 38	1 55	15 16	1 15	23 11	1 28	21 51	0 42	16 4	1 22	28 8	4 35	4 53	4 41	9 38		n.a.
S 24	8 6	12 13	4 26	10 57	0 59	7 45	1 45	25 35	1 54	15 13	1 15	23 10	1 28	21 51	0 42	16 4	1 22	28 8	4 35	4 53	4 39	9 40		n.a.
M25	8 29	8 55	3 42	11 37	1 5	7 17	1 46	25 31	1 53	15 10	1 15	23 10	1 28	21 51	0 42	16 4	1 22	28 8	4 35	4 53	4 38	9 41		n.a.
T 26	8 53	5 18	2 49	12 17	1 10	6 48	1 47	25 28	1 51	15 7	1 15	23 10	1 28	21 51	0 42	16 3	1 22	28 8	4 35	4 54	4 37	9 43		n.a.
W27	9 16	1 31	1 50	12 56	1 16	6 20	1 48	25 24	1 50	15 4	1 15	23 9	1 28	21 51	0 42	16 3	1 22	28 8	4 35	4 54	4 36	9 44		n.a.
T 28	9 38	2s19	0 46	13 34	1 21	5 51	1 48	25 20	1 49	15 1	1 16	23 9	1 27	21 50	0 42	16 2	1 22	28 8	4 35	4 55	4 34	9 46		n.a.
F 29	10 1	6 1	0n20	14 12	1 27	5 22	1 49	25 16	1 48	14 58	1 16	23 8	1 27	21 50	0 42	16 2	1 22	28 8	4 35	4 55	4 33	9 48		n.a.
S 30	10 24	9 29	1 24	14 49	1 32	4 53	1 50	25 11	1 47	14 55	1 16	23 8	1 27	21 50	0 42	16 2	1 22	28 8	4 35	4 54	4 32	9 49		n.a.
S 31	10s46	12s35	2n25	15s25	1s36	4n24	1n50	25s 7	1s46	14n52	1n16	23s 7	1s27	21s50	0s42	16n 1	1n22	28s 8	4s35	4s54	4s31	9s51		n.a.

Julian Day Number = 1287779.5, Delta T = 08h02m05s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'46, Lahiri = -20°20'45 Julian Calendar 1 Oct. 1188 BCE == Greg. Calendar 20 Sept. 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

NOVEMBER 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 57 1	28♎33'45	21♏15	8♏ 3	24♍30	11♉54	24♌20	23♉52	26♉45	21♌ 2	21♐35	12°R 9	11♎10	29♎11	n.a.	M 1
T 2	2 0 57	29°34'57	3♐ 9	9°37	25°44	12°38	24°29	23°55	26°46	21° 3	21°36	12♎ 7	11° 7	29°18	n.a.	T 2
W 3	2 4 54	0♏36'10	15°10	11°11	26°58	13°21	24°37	23°58	26°47	21° 4	21°37	12° 4	11° 4	29°24	n.a.	W 3
T 4	2 8 51	1°37'23	27°21	12°44	28°12	14° 4	24°46	24° 0	26°47	21° 5	21°38	12° 1	11° 1	29°31	n.a.	T 4
F 5	2 12 47	2°38'37	9♑44	14°18	29°26	14°47	24°54	24° 3	26°48	21° 6	21°40	11°58	10°58	29°38	n.a.	F 5
S 6	2 16 44	3°39'51	22°23	15°51	0♎40	15°30	25° 2	24° 6	26°49	21° 7	21°41	11°57	10°54	29°44	n.a.	S 6
S 7	2 20 40	4°41'05	5♒21	17°24	1°54	16°13	25°10	24° 9	26°50	21° 8	21°42	11°D56	10°51	29°51	n.a.	S 7
M 8	2 24 37	5°42'20	18°41	18°57	3° 8	16°56	25°18	24°13	26°51	21° 8	21°44	11°57	10°48	29°58	n.a.	M 8
T 9	2 28 33	6°43'35	2♓27	20°30	4°23	17°40	25°26	24°16	26°53	21° 9	21°45	11°58	10°45	0♏ 4	n.a.	T 9
W10	2 32 30	7°44'49	16°38	22° 2	5°37	18°23	25°34	24°19	26°54	21°10	21°47	12° 0	10°42	0°11	n.a.	W10
T 11	2 36 26	8°46'05	1♈15	23°35	6°51	19° 6	25°41	24°23	26°55	21°11	21°48	12° 1	10°38	0°18	n.a.	T 11
F 12	2 40 23	9°47'20	16°11	25° 6	8° 6	19°49	25°48	24°26	26°56	21°12	21°50	12°R 1	10°35	0°24	n.a.	F 12
S 13	2 44 20	10°48'35	1♉22	26°37	9°20	20°32	25°56	24°30	26°58	21°12	21°51	12° 0	10°32	0°31	n.a.	S 13
S 14	2 48 16	11°49'51	16°38	28° 7	10°35	21°15	26° 3	24°34	26°59	21°13	21°53	11°57	10°29	0°38	n.a.	S 14
M15	2 52 13	12°51'07	1♊48	29°36	11°49	21°59	26°10	24°37	27° 0	21°14	21°54	11°53	10°26	0°44	n.a.	M15
T 16	2 56 9	13°52'24	16°42	1♐ 5	13° 3	22°42	26°17	24°41	27° 2	21°14	21°56	11°48	10°23	0°51	n.a.	T 16
W17	3 0 6	14°53'41	1♋14	2°31	14°18	23°25	26°23	24°45	27° 3	21°15	21°57	11°43	10°19	0°58	n.a.	W17
T 18	3 4 2	15°54'58	15°17	3°56	15°33	24° 8	26°30	24°49	27° 5	21°16	21°59	11°39	10°16	1° 4	n.a.	T 18
F 19	3 7 59	16°56'16	28°52	5°19	16°47	24°51	26°36	24°54	27° 6	21°16	22° 1	11°36	10°13	1°11	n.a.	F 19
S 20	3 11 56	17°57'34	11♌58	6°40	18° 2	25°35	26°42	24°58	27° 8	21°17	22° 2	11°34	10°10	1°17	n.a.	S 20
S 21	3 15 52	18°58'52	24°39	7°58	19°16	26°18	26°48	25° 2	27°10	21°17	22° 4	11°D34	10° 7	1°24	n.a.	S 21
M22	3 19 49	20° 0'11	7♍ 0	9°12	20°31	27° 1	26°54	25° 7	27°12	21°17	22° 5	11°36	10° 3	1°31	n.a.	M22
T 23	3 23 45	21° 1'29	19° 5	10°23	21°46	27°44	27° 0	25°11	27°13	21°18	22° 7	11°37	10° 0	1°37	n.a.	T 23
W24	3 27 42	22° 2'48	0♎59	11°29	23° 0	28°27	27° 6	25°16	27°15	21°18	22° 9	11°39	9°57	1°44	n.a.	W24
T 25	3 31 38	23° 4'07	12°48	12°30	24°15	29°10	27°11	25°20	27°17	21°19	22°10	11°R39	9°54	1°51	n.a.	T 25
F 26	3 35 35	24° 5'26	24°34	13°25	25°30	29°54	27°16	25°25	27°19	21°19	22°12	11°38	9°51	1°57	n.a.	F 26
S 27	3 39 31	25° 6'45	6♏21	14°13	26°44	0♒37	27°21	25°30	27°21	21°19	22°14	11°35	9°48	2° 4	n.a.	S 27
S 28	3 43 28	26° 8'03	18°12	14°54	27°59	1°20	27°26	25°35	27°23	21°19	22°16	11°30	9°44	2°11	n.a.	S 28
M29	3 47 25	27° 9'22	0♐ 9	15°25	29°14	2° 3	27°31	25°40	27°25	21°19	22°17	11°22	9°41	2°17	n.a.	M29
T 30	3 51 21	28♏10'40	12♐13	15♐48	0♏29	2♒46	27♌36	25♉45	27♉27	21♌20	22♐19	11♎13	9♎38	2♏24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 8	15s 9	3n20	16s 1	1s41	3n54	1n50	25s 2	1s45	14n50	1n17	23s 7	1s27	21s50	0s42	16n 1	1n22	28s 8	4s35	4s53	4s29	9s52		n.a.
T 2	11 30	17 7	4 6	16 36	1 45	3 25	1 51	24 56	1 44	14 47	1 17	23 6	1 27	21 50	0 42	16 1	1 22	28 8	4 35	4 52	4 28	9 54		n.a.
W 3	11 52	18 20	4 42	17 10	1 50	2 55	1 51	24 51	1 42	14 44	1 17	23 6	1 27	21 49	0 41	16 1	1 22	28 8	4 35	4 51	4 27	9 56		n.a.
T 4	12 14	18 43	5 5	17 43	1 54	2 25	1 51	24 45	1 41	14 42	1 17	23 5	1 27	21 49	0 41	16 0	1 22	28 8	4 35	4 49	4 26	9 57		n.a.
F 5	12 35	18 14	5 15	18 15	1 57	1 55	1 51	24 40	1 40	14 39	1 18	23 5	1 27	21 49	0 41	16 0	1 22	28 8	4 35	4 48	4 24	9 59		n.a.
S 6	12 57	16 50	5 10	18 46	2 1	1 25	1 51	24 33	1 39	14 36	1 18	23 4	1 27	21 49	0 41	16 0	1 22	28 9	4 35	4 48	4 23	10 0		n.a.
S 7	13 18	14 34	4 50	19 17	2 4	0 55	1 50	24 27	1 38	14 34	1 18	23 3	1 27	21 49	0 41	15 59	1 23	28 9	4 35	4 48	4 22	10 2		n.a.
M 8	13 38	11 28	4 13	19 46	2 6	0 25	1 50	24 21	1 37	14 31	1 18	23 3	1 27	21 48	0 41	15 59	1 23	28 9	4 35	4 48	4 21	10 4		n.a.
T 9	13 59	7 39	3 21	20 14	2 8	0s 6	1 50	24 14	1 36	14 29	1 19	23 2	1 26	21 48	0 41	15 59	1 23	28 9	4 35	4 48	4 19	10 5		n.a.
W10	14 19	3 17	2 15	20 40	2 10	0 36	1 49	24 7	1 35	14 27	1 19	23 1	1 26	21 48	0 41	15 59	1 23	28 9	4 35	4 49	4 18	10 7		n.a.
T 11	14 39	1n24	0 59	21 6	2 12	1 6	1 49	23 59	1 34	14 24	1 19	23 1	1 26	21 48	0 41	15 59	1 23	28 9	4 35	4 49	4 17	10 8		n.a.
F 12	14 59	6 7	0s23	21 30	2 13	1 36	1 48	23 52	1 33	14 22	1 19	23 0	1 26	21 47	0 41	15 58	1 23	28 9	4 35	4 50	4 15	10 10		n.a.
S 13	15 19	10 31	1 44	21 53	2 13	2 7	1 48	23 44	1 31	14 20	1 20	22 59	1 26	21 47	0 41	15 58	1 23	28 9	4 35	4 49	4 14	10 12		n.a.
S 14	15 38	14 14	2 59	22 14	2 13	2 37	1 47	23 36	1 30	14 18	1 20	22 58	1 26	21 47	0 41	15 58	1 23	28 9	4 35	4 48	4 13	10 13		n.a.
M15	15 57	16 57	4 0	22 33	2 13	3 7	1 46	23 28	1 29	14 15	1 20	22 58	1 26	21 46	0 41	15 58	1 23	28 9	4 35	4 46	4 12	10 15		n.a.
T 16	16 16	18 27	4 43	22 51	2 11	3 38	1 45	23 20	1 28	14 13	1 20	22 57	1 26	21 46	0 41	15 58	1 23	28 9	4 35	4 45	4 10	10 16		n.a.
W17	16 34	18 42	5 8	23 7	2 9	4 8	1 44	23 12	1 27	14 11	1 21	22 56	1 26	21 46	0 41	15 58	1 23	28 10	4 35	4 43	4 9	10 18		n.a.
T 18	16 52	17 46	5 12	23 21	2 7	4 38	1 43	23 3	1 26	14 9	1 21	22 55	1 26	21 45	0 41	15 57	1 23	28 10	4 35	4 41	4 8	10 19		n.a.
F 19	17 10	15 51	4 59	23 34	2 3	5 8	1 42	22 54	1 25	14 7	1 21	22 54	1 26	21 45	0 41	15 57	1 23	28 10	4 35	4 40	4 7	10 21		n.a.
S 20	17 28	13 10	4 30	23 44	1 59	5 38	1 41	22 45	1 24	14 5	1 22	22 54	1 26	21 45	0 41	15 57	1 23	28 10	4 35	4 39	4 5	10 23		n.a.
S 21	17 45	9 56	3 49	23 52	1 54	6 8	1 40	22 35	1 23	14 4	1 22	22 53	1 26	21 44	0 41	15 57	1 23	28 10	4 35	4 39	4 4	10 24		n.a.
M22	18 2	6 20	2 58	23 58	1 48	6 38	1 38	22 26	1 22	14 2	1 22	22 52	1 26	21 44	0 41	15 57	1 23	28 10	4 35	4 39	4 3	10 26		n.a.
T 23	18 19	2 33	2 0	24 2	1 41	7 7	1 37	22 16	1 21	14 0	1 22	22 51	1 26	21 44	0 41	15 57	1 23	28 10	4 35	4 40	4 2	10 27		n.a.
W24	18 35	1s17	0 58	24 4	1 33	7 37	1 36	22 6	1 19	13 58	1 23	22 50	1 25	21 43	0 41	15 57	1 24	28 10	4 35	4 41	4 0	10 29		n.a.
T 25	18 51	5 2	0n 6	24 3	1 23	8 6	1 34	21 56	1 18	13 57	1 23	22 49	1 25	21 43	0 41	15 57	1 24	28 10	4 35	4 41	3 59	10 30		n.a.
F 26	19 6	8 36	1 10	23 59	1 13	8 35	1 33	21 46	1 17	13 55	1 23	22 48	1 25	21 42	0 41	15 57	1 24	28 11	4 35	4 41	3 58	10 32		n.a.
S 27	19 21	11 49	2 10	23 54	1 1	9 4	1 31	21 35	1 16	13 54	1 24	22 47	1 25	21 42	0 41	15 57	1 24	28 11	4 35	4 39	3 56	10 33		n.a.
S 28	19 36	14 34	3 5	23 46	0 48	9 33	1 29	21 25	1 15	13 52	1 24	22 46	1 25	21 42	0 41	15 57	1 24	28 11	4 35	4 37	3 55	10 35		n.a.
M29	19 51	16 44	3 52	23 35	0 34	10 1	1 27	21 14	1 14	13 51	1 24	22 45	1 25	21 41	0 41	15 57	1 24	28 11	4 35	4 34	3 54	10 36		n.a.
T 30	20s 5	18s11	4n29	23s22	0s19	10s29	1n26	21s 3	1s13	13n49	1n24	22s44	1s25	21s41	0s41	15n57	1n24	28s11	4s35	4s31	3s53	10s38		n.a.

Julian Day Number = 1287810.5, Delta T = 08h02m04s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'42, Lahiri = -20°20'41 Julian Calendar 1 Nov. 1188 BCE == Greg. Calendar 21 Oct. 1188 BCE

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ASTRODIENST EPHEMERIS for the year 1188 BCE
geocentric

DECEMBER 1188 BCE (-1187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 55 18	29♏11'57	24♐26	15♐59	1♏43	3♒29	27♌40	25♑50	27♑29	21♌20	22♐21	11°R 4	9♎35	2♏31	n.a.	W 1
T 2	3 59 14	0♐13'15	6♑48	16°R 0	2°58	4°12	27°44	25°55	27°31	21°20	22°23	10♎54	9°32	2°37	n.a.	T 2
F 3	4 3 11	1°14'31	19°21	15°49	4°13	4°56	27°49	26° 1	27°34	21°20	22°24	10°46	9°29	2°44	n.a.	F 3
S 4	4 7 7	2°15'47	2♒ 6	15°27	5°28	5°39	27°52	26° 6	27°36	21°R20	22°26	10°39	9°25	2°51	n.a.	S 4
S 5	4 11 4	3°17'02	15° 5	14°52	6°43	6°22	27°56	26°11	27°38	21°20	22°28	10°35	9°22	2°57	n.a.	S 5
M 6	4 15 0	4°18'16	28°22	14° 7	7°57	7° 5	28° 0	26°17	27°40	21°20	22°30	10°D34	9°19	3° 4	n.a.	M 6
T 7	4 18 57	5°19'29	11♓57	13°11	9°12	7°48	28° 3	26°23	27°43	21°20	22°32	10°34	9°16	3°11	n.a.	T 7
W 8	4 22 54	6°20'41	25°52	12° 7	10°27	8°31	28° 6	26°28	27°45	21°20	22°33	10°35	9°13	3°17	n.a.	W 8
T 9	4 26 50	7°21'52	10♈ 8	10°56	11°42	9°14	28° 9	26°34	27°48	21°19	22°35	10°R35	9° 9	3°24	n.a.	T 9
F 10	4 30 47	8°23'02	24°44	9°40	12°57	9°57	28°12	26°40	27°50	21°19	22°37	10°34	9° 6	3°31	n.a.	F 10
S 11	4 34 43	9°24'11	9♉37	8°22	14°11	10°40	28°15	26°46	27°53	21°19	22°39	10°31	9° 3	3°37	n.a.	S 11
S 12	4 38 40	10°25'19	24°38	7° 5	15°26	11°23	28°17	26°51	27°55	21°19	22°41	10°25	9° 0	3°44	n.a.	S 12
M13	4 42 36	11°26'27	9♊40	5°49	16°41	12° 6	28°20	26°57	27°58	21°18	22°43	10°17	8°57	3°51	n.a.	M13
T 14	4 46 33	12°27'33	24°33	4°39	17°56	12°49	28°22	27° 3	28° 0	21°18	22°45	10° 7	8°54	3°57	n.a.	T 14
W15	4 50 30	13°28'39	9♋ 9	3°35	19°11	13°31	28°24	27° 9	28° 3	21°18	22°46	9°57	8°50	4° 4	n.a.	W15
T 16	4 54 26	14°29'43	23°19	2°38	20°25	14°14	28°25	27°16	28° 6	21°17	22°48	9°47	8°47	4°11	n.a.	T 16
F 17	4 58 23	15°30'47	7♌ 1	1°50	21°40	14°57	28°27	27°22	28° 8	21°17	22°50	9°39	8°44	4°17	n.a.	F 17
S 18	5 2 19	16°31'50	20°15	1°10	22°55	15°40	28°28	27°28	28°11	21°16	22°52	9°34	8°41	4°24	n.a.	S 18
S 19	5 6 16	17°32'52	3♍ 2	0°40	24°10	16°23	28°29	27°34	28°14	21°16	22°54	9°31	8°38	4°31	n.a.	S 19
M20	5 10 12	18°33'53	15°26	0°18	25°25	17° 5	28°30	27°41	28°17	21°15	22°56	9°D29	8°35	4°37	n.a.	M20
T 21	5 14 9	19°34'54	27°32	0° 6	26°39	17°48	28°31	27°47	28°19	21°15	22°58	9°30	8°31	4°44	n.a.	T 21
W22	5 18 5	20°35'53	9♎27	0°D 1	27°54	18°31	28°32	27°53	28°22	21°14	23° 0	9°R30	8°28	4°51	n.a.	W22
T 23	5 22 2	21°36'52	21°15	0° 4	29° 9	19°14	28°32	28° 0	28°25	21°14	23° 2	9°29	8°25	4°57	n.a.	T 23
F 24	5 25 59	22°37'49	3♏ 1	0°15	0♐24	19°56	28°32	28° 7	28°28	21°13	23° 3	9°27	8°22	5° 4	n.a.	F 24
S 25	5 29 55	23°38'46	14°50	0°32	1°38	20°39	28°R32	28°13	28°31	21°12	23° 5	9°21	8°19	5°11	n.a.	S 25
S 26	5 33 52	24°39'41	26°46	0°56	2°53	21°21	28°32	28°20	28°34	21°12	23° 7	9°13	8°15	5°17	n.a.	S 26
M27	5 37 48	25°40'35	8♐51	1°25	4° 8	22° 4	28°32	28°26	28°37	21°11	23° 9	9° 2	8°12	5°24	n.a.	M27
T 28	5 41 45	26°41'28	21° 7	2° 0	5°23	22°47	28°31	28°33	28°40	21°10	23°11	8°49	8° 9	5°31	n.a.	T 28
W29	5 45 41	27°42'20	3♑35	2°39	6°38	23°29	28°31	28°40	28°43	21° 9	23°13	8°35	8° 6	5°37	n.a.	W29
T 30	5 49 38	28°43'10	16°14	3°23	7°52	24°12	28°30	28°47	28°46	21° 8	23°15	8°21	8° 3	5°44	n.a.	T 30
F 31	5 53 35	29♐43'58	29♑ 5	4♐10	9♐ 7	24♒54	28♌29	28♑54	28♑49	21♌ 8	23♐17	8♎ 9	8♎ 0	5♏51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20s19	18s49	4n54	23s 7	0s 2	10s58	1n24	20s52	1s12	13n48	1n25	22s43	1s25	21s40	0s41	15n57	1n24	28s11	4s35	4s27	3s51	10s40			n.a.
T 2	20 32	18 33	5 6	22 50	0n15	11 25	1 22	20 40	1 11	13 47	1 25	22 42	1 25	21 40	0 41	15 57	1 24	28 11	4 35	4 23	3 50	10 41			n.a.
F 3	20 45	17 24	5 4	22 30	0 34	11 53	1 20	20 29	1 10	13 46	1 25	22 41	1 25	21 39	0 41	15 57	1 24	28 11	4 35	4 20	3 49	10 43			n.a.
S 4	20 57	15 22	4 46	22 9	0 53	12 20	1 18	20 17	1 9	13 45	1 26	22 40	1 25	21 39	0 41	15 57	1 24	28 12	4 35	4 17	3 48	10 44			n.a.
S 5	21 9	12 32	4 14	21 45	1 13	12 47	1 16	20 5	1 8	13 44	1 26	22 39	1 25	21 38	0 41	15 57	1 24	28 12	4 35	4 16	3 46	10 46			n.a.
M 6	21 21	9 0	3 27	21 20	1 32	13 14	1 14	19 53	1 7	13 43	1 26	22 38	1 25	21 38	0 41	15 57	1 24	28 12	4 35	4 15	3 45	10 47			n.a.
T 7	21 32	4 56	2 28	20 55	1 52	13 40	1 12	19 41	1 6	13 42	1 27	22 37	1 25	21 37	0 41	15 57	1 24	28 12	4 35	4 15	3 44	10 49			n.a.
W 8	21 43	0 29	1 18	20 28	2 10	14 6	1 10	19 28	1 5	13 41	1 27	22 36	1 25	21 37	0 41	15 57	1 24	28 12	4 35	4 15	3 43	10 50			n.a.
T 9	21 54	4n 7	0 2	20 1	2 27	14 31	1 7	19 16	1 4	13 40	1 27	22 34	1 25	21 36	0 41	15 57	1 24	28 12	4 35	4 15	3 41	10 52			n.a.
F 10	22 4	8 34	1s15	19 35	2 43	14 57	1 5	19 3	1 3	13 40	1 28	22 33	1 25	21 36	0 40	15 57	1 24	28 12	4 35	4 15	3 40	10 53			n.a.
S 11	22 13	12 35	2 29	19 9	2 57	15 22	1 3	18 50	1 2	13 39	1 28	22 32	1 25	21 35	0 40	15 58	1 24	28 13	4 36	4 14	3 39	10 55			n.a.
S 12	22 23	15 48	3 33	18 46	3 8	15 46	1 1	18 37	1 1	13 38	1 28	22 31	1 25	21 35	0 40	15 58	1 25	28 13	4 36	4 12	3 37	10 56			n.a.
M13	22 31	17 57	4 22	18 24	3 17	16 10	0 58	18 24	1 0	13 38	1 28	22 30	1 25	21 34	0 40	15 58	1 25	28 13	4 36	4 8	3 36	10 58			n.a.
T 14	22 40	18 50	4 53	18 5	3 24	16 34	0 56	18 11	0 59	13 37	1 29	22 28	1 25	21 34	0 40	15 58	1 25	28 13	4 36	4 4	3 35	10 59			n.a.
W15	22 48	18 28	5 4	17 49	3 28	16 57	0 53	17 57	0 58	13 37	1 29	22 27	1 25	21 33	0 40	15 58	1 25	28 13	4 36	4 0	3 34	11 1			n.a.
T 16	22 55	16 56	4 56	17 36	3 30	17 20	0 51	17 44	0 57	13 37	1 29	22 26	1 25	21 33	0 40	15 58	1 25	28 13	4 36	3 56	3 32	11 3			n.a.
F 17	23 2	14 28	4 30	17 26	3 30	17 42	0 49	17 30	0 56	13 36	1 30	22 25	1 25	21 32	0 40	15 59	1 25	28 14	4 36	3 53	3 31	11 4			n.a.
S 18	23 8	11 19	3 51	17 20	3 28	18 4	0 46	17 16	0 55	13 36	1 30	22 23	1 24	21 31	0 40	15 59	1 25	28 14	4 36	3 51	3 30	11 6			n.a.
S 19	23 14	7 45	3 2	17 18	3 24	18 25	0 44	17 2	0 54	13 36	1 30	22 22	1 24	21 31	0 40	15 59	1 25	28 14	4 36	3 50	3 29	11 7			n.a.
M20	23 20	3 55	2 5	17 18	3 19	18 46	0 41	16 48	0 53	13 36	1 31	22 21	1 24	21 30	0 40	15 59	1 25	28 14	4 36	3 49	3 27	11 9			n.a.
T 21	23 25	0 2	1 3	17 21	3 13	19 6	0 39	16 34	0 52	13 36	1 31	22 19	1 24	21 30	0 40	15 59	1 25	28 14	4 36	3 49	3 26	11 10			n.a.
W22	23 30	3s48	0 0	17 27	3 6	19 26	0 36	16 20	0 51	13 36	1 31	22 18	1 24	21 29	0 40	16 0	1 25	28 14	4 36	3 49	3 25	11 12			n.a.
T 23	23 34	7 28	1n 2	17 36	2 58	19 45	0 33	16 5	0 50	13 36	1 32	22 17	1 24	21 28	0 40	16 0	1 25	28 15	4 36	3 49	3 23	11 13			n.a.
F 24	23 37	10 49	2 2	17 46	2 50	20 4	0 31	15 51	0 49	13 36	1 32	22 15	1 24	21 28	0 40	16 0	1 25	28 15	4 36	3 48	3 22	11 15			n.a.
S 25	23 41	13 45	2 56	17 59	2 41	20 22	0 28	15 36	0 48	13 37	1 32	22 14	1 24	21 27	0 40	16 0	1 25	28 15	4 36	3 46	3 21	11 16			n.a.
S 26	23 43	16 8	3 43	18 13	2 31	20 40	0 26	15 21	0 47	13 37	1 33	22 13	1 24	21 26	0 40	16 1	1 25	28 15	4 36	3 43	3 20	11 18			n.a.
M27	23 46	17 51	4 20	18 28	2 22	20 57	0 23	15 6	0 46	13 38	1 33	22 11	1 24	21 26	0 40	16 1	1 25	28 15	4 37	3 38	3 18	11 19			n.a.
T 28	23 47	18 46	4 46	18 45	2 12	21 13	0 21	14 51	0 45	13 38	1 33	22 10	1 24	21 25	0 40	16 1	1 25	28 15	4 37	3 33	3 17	11 21			n.a.
W29	23 49	18 48	4 59	19 3	2 2	21 29	0 18	14 36	0 44	13 39	1 34	22 8	1 24	21 25	0 40	16 2	1 25	28 16	4 37	3 27	3 16	11 22			n.a.
T 30	23 50	17 54	4 58	19 21	1 52	21 44	0 15	14 21	0 43	13 39	1 34	22 7	1 24	21 24	0 40	16 2	1 25	28 16	4 37	3 22	3 15	11 24			n.a.
F 31	23s50	16s 6	4n41	19s40	1n41	21s58	0n13	14s 6	0s42	13n40	1n34	22s 6	1s24	21s23	0s40	16n 2	1n26	28s16	4s37	3s17	3s13	11s25			n.a.

Julian Day Number = 1287840.5, Delta T = 08h02m02s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'38, Lahiri = -20°20'37 Julian Calendar 1 Dec. 1188 BCE == Greg. Calendar 20 Nov. 1188 BCE

The year -1187 astronomical counting style corresponds to year 1188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

JANUARY 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 31	0♉44'45	12♒ 7	5♐ 2	10♐22	25♒37	28°R27	29♉ 1	28♉52	21°R 7	23♐19	7°R59	7♎56	5♏57	n.a.	S 1
S 2	6 1 28	1°45'30	25°21	5°56	11°37	26°19	28♌26	29° 7	28°55	21♌ 6	23°20	7♎52	7°53	6° 4	n.a.	S 2
M 3	6 5 24	2°46'14	8♓45	6°54	12°51	27° 2	28°24	29°14	28°59	21° 5	23°22	7°48	7°50	6°11	n.a.	M 3
T 4	6 9 21	3°46'55	22°22	7°54	14° 6	27°44	28°22	29°21	29° 2	21° 4	23°24	7°46	7°47	6°17	n.a.	T 4
W 5	6 13 17	4°47'34	6♈11	8°57	15°21	28°26	28°20	29°28	29° 5	21° 3	23°26	7°46	7°44	6°24	n.a.	W 5
T 6	6 17 14	5°48'12	20°14	10° 3	16°35	29° 9	28°18	29°36	29° 8	21° 2	23°28	7°46	7°41	6°30	n.a.	T 6
F 7	6 21 10	6°48'47	4♉31	11°10	17°50	29°51	28°15	29°43	29°11	21° 1	23°30	7°44	7°37	6°37	n.a.	F 7
S 8	6 25 7	7°49'21	18°59	12°20	19° 5	0♓33	28°13	29°50	29°15	21° 0	23°32	7°40	7°34	6°44	n.a.	S 8
S 9	6 29 4	8°49'53	3♊35	13°31	20°19	1°15	28°10	29°57	29°18	20°59	23°33	7°33	7°31	6°50	n.a.	S 9
M10	6 33 0	9°50'22	18°13	14°45	21°34	1°58	28° 7	0♒ 4	29°21	20°58	23°35	7°24	7°28	6°57	n.a.	M10
T 11	6 36 57	10°50'50	2♋46	16° 0	22°49	2°40	28° 4	0°11	29°24	20°56	23°37	7°12	7°25	7° 4	n.a.	T 11
W12	6 40 53	11°51'16	17° 7	17°16	24° 3	3°22	28° 0	0°19	29°28	20°55	23°39	7° 0	7°21	7°10	n.a.	W12
T 13	6 44 50	12°51'41	1♌10	18°34	25°18	4° 4	27°57	0°26	29°31	20°54	23°41	6°48	7°18	7°17	n.a.	T 13
F 14	6 48 46	13°52'03	14°49	19°54	26°33	4°46	27°53	0°33	29°34	20°53	23°43	6°38	7°15	7°24	n.a.	F 14
S 15	6 52 43	14°52'24	28° 3	21°15	27°47	5°28	27°49	0°40	29°38	20°52	23°44	6°30	7°12	7°30	n.a.	S 15
S 16	6 56 39	15°52'43	10♍52	22°37	29° 2	6°10	27°45	0°48	29°41	20°50	23°46	6°25	7° 9	7°37	n.a.	S 16
M17	7 0 36	16°53'00	23°20	24° 1	0♉16	6°52	27°41	0°55	29°44	20°49	23°48	6°23	7° 6	7°44	n.a.	M17
T 18	7 4 33	17°53'16	5♎29	25°26	1°31	7°34	27°37	1° 2	29°48	20°48	23°50	6°D22	7° 2	7°50	n.a.	T 18
W19	7 8 29	18°53'30	17°26	26°52	2°46	8°16	27°32	1°10	29°51	20°46	23°51	6°R22	6°59	7°57	n.a.	W19
T 20	7 12 26	19°53'42	29°16	28°19	4° 0	8°58	27°27	1°17	29°54	20°45	23°53	6°22	6°56	8° 4	n.a.	T 20
F 21	7 16 22	20°53'53	11♏ 4	29°47	5°15	9°40	27°23	1°25	29°58	20°44	23°55	6°20	6°53	8°10	n.a.	F 21
S 22	7 20 19	21°54'02	22°56	1♉17	6°29	10°21	27°18	1°32	0♒ 1	20°42	23°57	6°16	6°50	8°17	n.a.	S 22
S 23	7 24 15	22°54'09	4♐56	2°48	7°44	11° 3	27°12	1°40	0° 5	20°41	23°58	6° 9	6°47	8°24	n.a.	S 23
M24	7 28 12	23°54'14	17° 8	4°19	8°58	11°45	27° 7	1°47	0° 8	20°39	24° 0	6° 0	6°43	8°30	n.a.	M24
T 25	7 32 8	24°54'18	29°34	5°52	10°13	12°27	27° 2	1°54	0°11	20°38	24° 2	5°49	6°40	8°37	n.a.	T 25
W26	7 36 5	25°54'20	12♉16	7°26	11°27	13° 8	26°56	2° 2	0°15	20°37	24° 3	5°36	6°37	8°44	n.a.	W26
T 27	7 40 1	26°54'19	25°14	9° 1	12°42	13°50	26°50	2° 9	0°18	20°35	24° 5	5°24	6°34	8°50	n.a.	T 27
F 28	7 43 58	27°54'17	8♒26	10°38	13°56	14°32	26°44	2°17	0°22	20°34	24° 7	5°12	6°31	8°57	n.a.	F 28
S 29	7 47 55	28°54'12	21°52	12°15	15°11	15°13	26°38	2°24	0°25	20°32	24° 8	5° 3	6°27	9° 4	n.a.	S 29
S 30	7 51 51	29°54'05	5♓28	13°53	16°25	15°55	26°32	2°32	0°29	20°31	24°10	4°57	6°24	9°11	n.a.	S 30
M31	7 55 48	0♒53'56	19♓13	15♉33	17♉40	16♓36	26♌26	2♒39	0♒32	20♌29	24♐11	4♎54	6♎21	9♏17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	13s27	4n 9	20s 0	1n31	22s12	0n10	13s50	0s41	13n41	1n35	22s 4	1s24	21s23	0s40	16n 3	1n26	28s16	4s37	3s13	3s12	11s27		n.a.
S 2	23 49	10 5	3 24	20 19	1 21	22 25	0 8	13 35	0 40	13 42	1 35	22 3	1 24	21 22	0 40	16 3	1 26	28 16	4 37	3 10	3 11	11 28		n.a.
M 3	23 48	6 9	2 27	20 39	1 11	22 38	0 5	13 19	0 39	13 42	1 35	22 1	1 24	21 21	0 40	16 3	1 26	28 17	4 37	3 8	3 9	11 29		n.a.
T 4	23 47	1 51	1 21	20 59	1 1	22 50	0 2	13 3	0 38	13 43	1 35	22 0	1 24	21 21	0 40	16 4	1 26	28 17	4 37	3 8	3 8	11 31		n.a.
W 5	23 45	2n37	0 8	21 18	0 52	23 1	0s 0	12 48	0 38	13 44	1 36	21 58	1 24	21 20	0 40	16 4	1 26	28 17	4 37	3 8	3 7	11 32		n.a.
T 6	23 42	7 2	1s 5	21 38	0 42	23 11	0 3	12 32	0 37	13 45	1 36	21 57	1 24	21 19	0 40	16 4	1 26	28 17	4 37	3 8	3 6	11 34		n.a.
F 7	23 39	11 6	2 16	21 57	0 32	23 21	0 5	12 16	0 36	13 47	1 36	21 55	1 24	21 19	0 40	16 5	1 26	28 17	4 38	3 7	3 4	11 35		n.a.
S 8	23 36	14 33	3 19	22 16	0 23	23 30	0 8	12 0	0 35	13 48	1 37	21 54	1 24	21 18	0 40	16 5	1 26	28 18	4 38	3 5	3 3	11 37		n.a.
S 9	23 32	17 8	4 10	22 34	0 14	23 39	0 10	11 44	0 34	13 49	1 37	21 52	1 24	21 17	0 40	16 6	1 26	28 18	4 38	3 3	3 2	11 38		n.a.
M10	23 28	18 35	4 44	22 51	0 5	23 46	0 13	11 28	0 33	13 50	1 37	21 51	1 24	21 16	0 40	16 6	1 26	28 18	4 38	2 59	3 1	11 40		n.a.
T 11	23 23	18 49	4 59	23 8	0s 3	23 53	0 15	11 12	0 32	13 52	1 38	21 49	1 24	21 16	0 40	16 6	1 26	28 18	4 38	2 54	2 59	11 41		n.a.
W12	23 18	17 50	4 56	23 24	0 12	24 0	0 18	10 55	0 31	13 53	1 38	21 47	1 24	21 15	0 40	16 7	1 26	28 18	4 38	2 49	2 58	11 43		n.a.
T 13	23 12	15 46	4 34	23 40	0 20	24 5	0 20	10 39	0 30	13 55	1 38	21 46	1 24	21 14	0 40	16 7	1 26	28 19	4 38	2 44	2 57	11 44		n.a.
F 14	23 6	12 53	3 57	23 54	0 28	24 10	0 23	10 23	0 30	13 56	1 38	21 44	1 24	21 14	0 40	16 8	1 26	28 19	4 38	2 40	2 55	11 46		n.a.
S 15	22 59	9 25	3 8	24 8	0 36	24 14	0 25	10 6	0 29	13 58	1 39	21 43	1 25	21 13	0 40	16 8	1 26	28 19	4 38	2 37	2 54	11 47		n.a.
S 16	22 52	5 36	2 11	24 20	0 43	24 17	0 27	9 50	0 28	14 0	1 39	21 41	1 25	21 12	0 40	16 9	1 26	28 19	4 39	2 35	2 53	11 49		n.a.
M17	22 45	1 39	1 9	24 32	0 50	24 20	0 30	9 33	0 27	14 1	1 39	21 39	1 25	21 11	0 40	16 9	1 26	28 20	4 39	2 34	2 52	11 50		n.a.
T 18	22 37	2s17	0 5	24 42	0 57	24 21	0 32	9 16	0 26	14 3	1 39	21 38	1 25	21 11	0 40	16 10	1 26	28 20	4 39	2 34	2 50	11 52		n.a.
W19	22 29	6 3	0n58	24 51	1 4	24 22	0 34	9 0	0 25	14 5	1 40	21 36	1 25	21 10	0 40	16 10	1 26	28 20	4 39	2 34	2 49	11 53		n.a.
T 20	22 20	9 33	1 58	24 59	1 10	24 23	0 36	8 43	0 24	14 7	1 40	21 35	1 25	21 9	0 40	16 10	1 26	28 20	4 39	2 34	2 48	11 54		n.a.
F 21	22 11	12 39	2 53	25 6	1 16	24 22	0 39	8 26	0 24	14 9	1 40	21 33	1 25	21 9	0 40	16 11	1 26	28 20	4 39	2 33	2 46	11 56		n.a.
S 22	22 1	15 15	3 41	25 11	1 22	24 21	0 41	8 9	0 23	14 11	1 41	21 31	1 25	21 8	0 40	16 11	1 26	28 21	4 39	2 32	2 45	11 57		n.a.
S 23	21 51	17 14	4 19	25 15	1 27	24 19	0 43	7 52	0 22	14 13	1 41	21 30	1 25	21 7	0 40	16 12	1 27	28 21	4 40	2 29	2 44	11 59		n.a.
M24	21 41	18 27	4 46	25 18	1 32	24 16	0 45	7 36	0 21	14 15	1 41	21 28	1 25	21 6	0 40	16 12	1 27	28 21	4 40	2 25	2 43	12 0		n.a.
T 25	21 30	18 50	5 0	25 19	1 37	24 13	0 47	7 19	0 20	14 17	1 41	21 26	1 25	21 6	0 40	16 13	1 27	28 21	4 40	2 21	2 41	12 2		n.a.
W26	21 19	18 17	5 0	25 18	1 41	24 9	0 49	7 2	0 19	14 19	1 41	21 25	1 25	21 5	0 40	16 13	1 27	28 21	4 40	2 16	2 40	12 3		n.a.
T 27	21 7	16 47	4 44	25 16	1 45	24 4	0 51	6 45	0 19	14 22	1 42	21 23	1 25	21 4	0 40	16 14	1 27	28 22	4 40	2 11	2 39	12 5		n.a.
F 28	20 55	14 23	4 13	25 13	1 49	23 58	0 53	6 28	0 18	14 24	1 42	21 21	1 25	21 3	0 40	16 14	1 27	28 22	4 40	2 6	2 38	12 6		n.a.
S 29	20 43	11 10	3 28	25 8	1 53	23 51	0 55	6 11	0 17	14 26	1 42	21 20	1 25	21 3	0 40	16 15	1 27	28 22	4 40	2 2	2 36	12 7		n.a.
S 30	20 30	7 20	2 30	25 1	1 55	23 44	0 56	5 53	0 16	14 28	1 42	21 18	1 25	21 2	0 40	16 15	1 27	28 22	4 41	2 0	2 35	12 9		n.a.
M31	20s17	3s 4	1n23	24s52	1s58	23s36	0s58	5s36	0s15	14n31	1n43	21s16	1s25	21s 1	0s40	16n16	1n27	28s23	4s41	1s59	2s34	12s10		n.a.

Julian Day Number = 1287871.5, Delta T = 08h02m00s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'33, Lahiri = -20°20'33 Julian Calendar 1 Jan. 1187 BCE == Greg. Calendar 21 Dec. 1188 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

FEBRUARY 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 44	1♒53'44	3♈ 5	17♉14	18♉54	17♓18	26°R20	2♒47	0♒35	20°R28	24♐13	4°D53	6♎18	9♏24	n.a.	T 1
W 2	8 3 41	2°53'30	17° 3	18°56	20° 9	17°59	26♌13	2°54	0°39	20♌26	24°15	4♎53	6°15	9°31	n.a.	W 2
T 3	8 7 37	3°53'14	1♉ 7	20°39	21°23	18°41	26° 7	3° 2	0°42	20°24	24°16	4°R54	6°12	9°37	n.a.	T 3
F 4	8 11 34	4°52'55	15°15	22°23	22°38	19°22	26° 0	3° 9	0°46	20°23	24°18	4°53	6° 8	9°44	n.a.	F 4
S 5	8 15 30	5°52'34	29°26	24° 9	23°52	20° 4	25°53	3°17	0°49	20°21	24°19	4°51	6° 5	9°51	n.a.	S 5
S 6	8 19 27	6°52'10	13♊39	25°55	25° 6	20°45	25°46	3°24	0°53	20°20	24°21	4°46	6° 2	9°57	n.a.	S 6
M 7	8 23 24	7°51'44	27°50	27°43	26°21	21°26	25°39	3°32	0°56	20°18	24°22	4°39	5°59	10° 4	n.a.	M 7
T 8	8 27 20	8°51'16	11♋55	29°32	27°35	22° 7	25°32	3°39	0°59	20°17	24°24	4°31	5°56	10°11	n.a.	T 8
W 9	8 31 17	9°50'45	25°49	1♒23	28°49	22°49	25°25	3°47	1° 3	20°15	24°25	4°21	5°52	10°17	n.a.	W 9
T 10	8 35 13	10°50'12	9♌30	3°14	0♒ 4	23°30	25°18	3°54	1° 6	20°13	24°26	4°12	5°49	10°24	n.a.	T 10
F 11	8 39 10	11°49'36	22°53	5° 7	1°18	24°11	25°11	4° 2	1°10	20°12	24°28	4° 5	5°46	10°31	n.a.	F 11
S 12	8 43 6	12°48'59	5♍56	7° 1	2°32	24°52	25° 3	4° 9	1°13	20°10	24°29	3°59	5°43	10°37	n.a.	S 12
S 13	8 47 3	13°48'19	18°40	8°56	3°47	25°33	24°56	4°17	1°16	20° 8	24°31	3°56	5°40	10°44	n.a.	S 13
M14	8 50 59	14°47'38	1♎ 5	10°53	5° 1	26°14	24°48	4°24	1°20	20° 7	24°32	3°D54	5°37	10°51	n.a.	M14
T 15	8 54 56	15°46'54	13°15	12°50	6°15	26°55	24°41	4°32	1°23	20° 5	24°33	3°55	5°33	10°57	n.a.	T 15
W16	8 58 52	16°46'08	25°13	14°49	7°30	27°36	24°33	4°39	1°26	20° 3	24°34	3°56	5°30	11° 4	n.a.	W16
T 17	9 2 49	17°45'21	7♏ 5	16°49	8°44	28°17	24°26	4°46	1°30	20° 2	24°36	3°57	5°27	11°11	n.a.	T 17
F 18	9 6 46	18°44'31	18°55	18°50	9°58	28°58	24°18	4°54	1°33	20° 0	24°37	3°R58	5°24	11°17	n.a.	F 18
S 19	9 10 42	19°43'40	0♐48	20°51	11°12	29°39	24°10	5° 1	1°36	19°59	24°38	3°57	5°21	11°24	n.a.	S 19
S 20	9 14 39	20°42'47	12°50	22°54	12°27	0♈20	24° 3	5° 9	1°40	19°57	24°39	3°55	5°18	11°31	n.a.	S 20
M21	9 18 35	21°41'52	25° 5	24°57	13°41	1° 0	23°55	5°16	1°43	19°55	24°41	3°50	5°14	11°37	n.a.	M21
T 22	9 22 32	22°40'55	7♉36	27° 0	14°55	1°41	23°47	5°23	1°46	19°54	24°42	3°44	5°11	11°44	n.a.	T 22
W23	9 26 28	23°39'56	20°27	29° 4	16° 9	2°22	23°39	5°30	1°49	19°52	24°43	3°38	5° 8	11°51	n.a.	W23
T 24	9 30 25	24°38'55	3♒37	1♓ 7	17°24	3° 3	23°32	5°38	1°53	19°50	24°44	3°31	5° 5	11°57	n.a.	T 24
F 25	9 34 21	25°37'51	17° 8	3°11	18°38	3°43	23°24	5°45	1°56	19°49	24°45	3°25	5° 2	12° 4	n.a.	F 25
S 26	9 38 18	26°36'46	0♓55	5°13	19°52	4°24	23°16	5°52	1°59	19°47	24°46	3°20	4°58	12°11	n.a.	S 26
S 27	9 42 14	27°35'39	14°57	7°15	21° 6	5° 5	23° 9	5°59	2° 2	19°45	24°47	3°17	4°55	12°17	n.a.	S 27
M28	9 46 11	28♒34'29	29♓ 9	9♓16	22♒20	5♈45	23♌ 1	6♒ 6	2♒ 5	19♌44	24♐48	3°D15	4♎52	12♏24	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 4	1n24	0n10	24s41	2s 0	23s28	1s 0	5s19	0s15	14n33	1n43	21s14	1s25	21s 0	0s40	16n17	1n27	28s23	4s41	1s58	2s32	12s12		n.a.
W 2	19 50	5 49	1s 5	24 29	2 2	23 19	1 2	5 2	0 14	14 36	1 43	21 13	1 25	21 0	0 40	16 17	1 27	28 23	4 41	1 58	2 31	12 13		n.a.
T 3	19 36	9 56	2 15	24 15	2 3	23 9	1 3	4 45	0 13	14 38	1 43	21 11	1 25	20 59	0 40	16 18	1 27	28 23	4 41	1 59	2 30	12 15		n.a.
F 4	19 21	13 31	3 18	23 59	2 4	22 58	1 5	4 28	0 12	14 41	1 43	21 9	1 25	20 58	0 40	16 18	1 27	28 24	4 41	1 58	2 29	12 16		n.a.
S 5	19 7	16 18	4 9	23 41	2 5	22 46	1 6	4 11	0 11	14 43	1 44	21 8	1 26	20 57	0 40	16 19	1 27	28 24	4 41	1 57	2 27	12 17		n.a.
S 6	18 52	18 6	4 45	23 21	2 5	22 34	1 8	3 53	0 11	14 46	1 44	21 6	1 26	20 57	0 40	16 19	1 27	28 24	4 42	1 56	2 26	12 19		n.a.
M 7	18 36	18 46	5 3	22 59	2 4	22 22	1 9	3 36	0 10	14 48	1 44	21 4	1 26	20 56	0 40	16 20	1 27	28 24	4 42	1 53	2 25	12 20		n.a.
T 8	18 20	18 16	5 3	22 35	2 3	22 8	1 11	3 19	0 9	14 51	1 44	21 2	1 26	20 55	0 40	16 20	1 27	28 24	4 42	1 49	2 24	12 22		n.a.
W 9	18 4	16 40	4 44	22 9	2 2	21 54	1 12	3 2	0 8	14 53	1 44	21 1	1 26	20 54	0 40	16 21	1 27	28 25	4 42	1 46	2 22	12 23		n.a.
T 10	17 48	14 9	4 10	21 41	2 0	21 40	1 13	2 44	0 8	14 56	1 44	20 59	1 26	20 54	0 40	16 21	1 27	28 25	4 42	1 42	2 21	12 24		n.a.
F 11	17 31	10 56	3 22	21 12	1 57	21 24	1 14	2 27	0 7	14 59	1 44	20 57	1 26	20 53	0 40	16 22	1 27	28 25	4 43	1 39	2 20	12 26		n.a.
S 12	17 15	7 15	2 25	20 40	1 54	21 8	1 15	2 10	0 6	15 1	1 45	20 56	1 26	20 52	0 40	16 22	1 27	28 25	4 43	1 37	2 18	12 27		n.a.
S 13	16 57	3 19	1 21	20 5	1 50	20 52	1 16	1 53	0 5	15 4	1 45	20 54	1 26	20 51	0 40	16 23	1 27	28 26	4 43	1 35	2 17	12 29		n.a.
M14	16 40	0s40	0 15	19 29	1 46	20 35	1 18	1 36	0 5	15 7	1 45	20 52	1 26	20 51	0 40	16 24	1 27	28 26	4 43	1 35	2 16	12 30		n.a.
T 15	16 22	4 33	0n50	18 51	1 42	20 17	1 18	1 18	0 4	15 9	1 45	20 50	1 26	20 50	0 40	16 24	1 27	28 26	4 43	1 35	2 15	12 31		n.a.
W16	16 4	8 10	1 53	18 11	1 36	19 59	1 19	1 1	0 3	15 12	1 45	20 49	1 26	20 49	0 40	16 25	1 27	28 26	4 43	1 35	2 13	12 33		n.a.
T 17	15 46	11 26	2 50	17 29	1 30	19 40	1 20	0 44	0 3	15 15	1 45	20 47	1 26	20 48	0 40	16 25	1 27	28 27	4 44	1 36	2 12	12 34		n.a.
F 18	15 27	14 13	3 39	16 45	1 24	19 20	1 21	0 27	0 2	15 17	1 45	20 45	1 27	20 48	0 40	16 26	1 27	28 27	4 44	1 36	2 11	12 36		n.a.
S 19	15 8	16 25	4 20	15 59	1 17	19 0	1 22	0 10	0 1	15 20	1 45	20 43	1 27	20 47	0 40	16 26	1 27	28 27	4 44	1 36	2 9	12 37		n.a.
S 20	14 49	17 56	4 49	15 12	1 9	18 40	1 22	0n 8	0 0	15 23	1 45	20 42	1 27	20 46	0 40	16 27	1 27	28 27	4 44	1 35	2 8	12 38		n.a.
M21	14 30	18 38	5 6	14 22	1 1	18 19	1 23	0 25	0n 0	15 25	1 45	20 40	1 27	20 45	0 40	16 27	1 27	28 28	4 44	1 33	2 7	12 40		n.a.
T 22	14 11	18 28	5 9	13 32	0 52	17 57	1 23	0 42	0 1	15 28	1 45	20 38	1 27	20 45	0 40	16 28	1 27	28 28	4 45	1 31	2 6	12 41		n.a.
W23	13 51	17 22	4 57	12 39	0 43	17 35	1 24	0 59	0 2	15 31	1 45	20 37	1 27	20 44	0 40	16 28	1 27	28 28	4 45	1 28	2 4	12 43		n.a.
T 24	13 31	15 19	4 28	11 46	0 33	17 13	1 24	1 16	0 2	15 33	1 46	20 35	1 27	20 43	0 40	16 29	1 27	28 28	4 45	1 25	2 3	12 44		n.a.
F 25	13 11	12 23	3 45	10 52	0 23	16 50	1 25	1 33	0 3	15 36	1 46	20 33	1 27	20 43	0 40	16 29	1 27	28 28	4 45	1 23	2 2	12 45		n.a.
S 26	12 51	8 44	2 47	9 56	0 12	16 26	1 25	1 50	0 4	15 39	1 46	20 31	1 27	20 42	0 40	16 30	1 27	28 29	4 45	1 21	2 0	12 47		n.a.
S 27	12 30	4 31	1 38	9 0	0 1	16 2	1 25	2 7	0 4	15 41	1 46	20 30	1 28	20 41	0 40	16 31	1 27	28 29	4 45	1 19	1 59	12 48		n.a.
M28	12s10	0s 0	0n22	8s 4	0n10	15s38	1s25	2n24	0n 5	15n44	1n46	20s28	1s28	20s40	0s40	16n31	1n27	28s29	4s46	1s19	1s58	12s49		n.a.

Julian Day Number = 1287902.5, Delta T = 08h01m59s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'29, Lahiri = -20°20'29 Julian Calendar 1 Feb. 1187 BCE == Greg. Calendar 21 Jan. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

MARCH 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 8	29♒33'17	13♈26	11♓15	23♒34	6♈26	22°R53	6♒14	2♒ 8	19°R42	24♐49	3♎16	4♎49	12♏31	n.a.	T 1
W 2	9 54 4	0♓32'02	27°45	13°12	24°49	7° 6	22♌46	6°21	2°12	19♌41	24°50	3°17	4°46	12°37	n.a.	W 2
T 3	9 58 1	1°30'45	12♉ 2	15° 7	26° 3	7°47	22°38	6°28	2°15	19°39	24°51	3°18	4°43	12°44	n.a.	T 3
F 4	10 1 57	2°29'26	26°16	16°58	27°17	8°27	22°30	6°35	2°18	19°37	24°52	3°R19	4°39	12°51	n.a.	F 4
S 5	10 5 54	3°28'05	10♊23	18°47	28°31	9° 8	22°23	6°42	2°21	19°36	24°53	3°19	4°36	12°57	n.a.	S 5
S 6	10 9 50	4°26'41	24°23	20°33	29°45	9°48	22°15	6°49	2°24	19°34	24°54	3°18	4°33	13° 4	n.a.	S 6
M 7	10 13 47	5°25'14	8♋13	22°15	0♓59	10°28	22° 8	6°56	2°27	19°33	24°55	3°15	4°30	13°11	n.a.	M 7
T 8	10 17 43	6°23'46	21°53	23°53	2°13	11° 9	22° 1	7° 3	2°30	19°31	24°56	3°12	4°27	13°17	n.a.	T 8
W 9	10 21 40	7°22'15	5♌20	25°27	3°27	11°49	21°54	7° 9	2°33	19°29	24°56	3° 8	4°24	13°24	n.a.	W 9
T 10	10 25 37	8°20'42	18°35	26°56	4°41	12°29	21°46	7°16	2°36	19°28	24°57	3° 4	4°20	13°31	n.a.	T 10
F 11	10 29 33	9°19'06	1♍34	28°21	5°55	13° 9	21°39	7°23	2°39	19°26	24°58	3° 1	4°17	13°37	n.a.	F 11
S 12	10 33 30	10°17'29	14°19	29°41	7° 9	13°50	21°32	7°30	2°42	19°25	24°59	2°59	4°14	13°44	n.a.	S 12
S 13	10 37 26	11°15'50	26°50	0♈57	8°23	14°30	21°25	7°36	2°44	19°23	24°59	2°58	4°11	13°51	n.a.	S 13
M14	10 41 23	12°14'08	9♎ 7	2° 7	9°37	15°10	21°18	7°43	2°47	19°22	25° 0	2°D58	4° 8	13°57	n.a.	M14
T 15	10 45 19	13°12'25	21°13	3°12	10°51	15°50	21°12	7°50	2°50	19°20	25° 1	2°58	4° 4	14° 4	n.a.	T 15
W16	10 49 16	14°10'40	3♏10	4°12	12° 5	16°30	21° 5	7°56	2°53	19°19	25° 1	3° 0	4° 1	14°11	n.a.	W16
T 17	10 53 12	15° 8'54	15° 1	5° 6	13°19	17°10	20°59	8° 3	2°56	19°17	25° 2	3° 1	3°58	14°17	n.a.	T 17
F 18	10 57 9	16° 7'06	26°52	5°55	14°33	17°50	20°52	8° 9	2°58	19°16	25° 2	3° 3	3°55	14°24	n.a.	F 18
S 19	11 1 5	17° 5'16	8♐45	6°39	15°47	18°30	20°46	8°16	3° 1	19°15	25° 3	3° 3	3°52	14°31	n.a.	S 19
S 20	11 5 2	18° 3'24	20°47	7°17	17° 1	19°10	20°40	8°22	3° 4	19°13	25° 4	3°R 4	3°49	14°38	n.a.	S 20
M21	11 8 59	19° 1'31	3♑ 2	7°50	18°15	19°50	20°33	8°29	3° 6	19°12	25° 4	3° 3	3°45	14°44	n.a.	M21
T 22	11 12 55	19°59'37	15°33	8°17	19°29	20°30	20°27	8°35	3° 9	19°10	25° 4	3° 2	3°42	14°51	n.a.	T 22
W23	11 16 52	20°57'40	28°25	8°38	20°43	21°10	20°22	8°41	3°11	19° 9	25° 5	3° 1	3°39	14°58	n.a.	W23
T 24	11 20 48	21°55'43	11♒40	8°54	21°57	21°49	20°16	8°47	3°14	19° 8	25° 5	2°59	3°36	15° 4	n.a.	T 24
F 25	11 24 45	22°53'43	25°18	9° 4	23°11	22°29	20°10	8°53	3°16	19° 6	25° 6	2°58	3°33	15°11	n.a.	F 25
S 26	11 28 41	23°51'42	9♓20	9°R 9	24°25	23° 9	20° 5	8°59	3°19	19° 5	25° 6	2°57	3°29	15°18	n.a.	S 26
S 27	11 32 38	24°49'39	23°40	9° 9	25°38	23°49	20° 0	9° 5	3°21	19° 4	25° 6	2°56	3°26	15°24	n.a.	S 27
M28	11 36 34	25°47'35	8♈16	9° 4	26°52	24°28	19°54	9°11	3°24	19° 2	25° 7	2°D56	3°23	15°31	n.a.	M28
T 29	11 40 31	26°45'29	22°59	8°53	28° 6	25° 8	19°49	9°17	3°26	19° 1	25° 7	2°57	3°20	15°38	n.a.	T 29
W30	11 44 27	27°43'21	7♉44	8°39	29°20	25°48	19°45	9°23	3°28	19° 0	25° 7	2°57	3°17	15°44	n.a.	W30
T 31	11 48 24	28♓41'11	22♉24	8♈19	0♈34	26♈27	19♌40	9♒29	3♒31	18♌59	25♐ 7	2♎58	3♎14	15♏51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s49	4n32	0s55	7s 8	0n22	15s13	1s25	2n41	0n 6	15n46	1n46	20s26	1s28	20s40	0s40	16n32	1n27	28s29	4s46	1s19	1s57	12s51			n.a.
W 2	11 28	8 50	2 10	6 12	0 34	14 48	1 25	2 58	0 6	15 49	1 46	20 25	1 28	20 39	0 40	16 32	1 27	28 30	4 46	1 20	1 55	12 52			n.a.
T 3	11 7	12 35	3 16	5 16	0 45	14 23	1 25	3 15	0 7	15 51	1 46	20 23	1 28	20 38	0 40	16 33	1 27	28 30	4 46	1 20	1 54	12 54			n.a.
F 4	10 45	15 35	4 10	4 21	0 57	13 57	1 25	3 31	0 8	15 54	1 46	20 21	1 28	20 38	0 40	16 33	1 27	28 30	4 46	1 21	1 53	12 55			n.a.
S 5	10 24	17 37	4 49	3 27	1 9	13 30	1 25	3 48	0 8	15 56	1 46	20 20	1 28	20 37	0 40	16 34	1 27	28 30	4 47	1 21	1 52	12 56			n.a.
S 6	10 2	18 33	5 10	2 34	1 21	13 4	1 25	4 5	0 9	15 59	1 46	20 18	1 28	20 36	0 40	16 34	1 27	28 31	4 47	1 20	1 50	12 58			n.a.
M 7	9 41	18 23	5 12	1 43	1 32	12 37	1 24	4 22	0 10	16 1	1 45	20 16	1 29	20 36	0 40	16 35	1 27	28 31	4 47	1 19	1 49	12 59			n.a.
T 8	9 19	17 8	4 57	0 54	1 43	12 10	1 24	4 38	0 10	16 4	1 45	20 15	1 29	20 35	0 40	16 35	1 27	28 31	4 47	1 17	1 48	13 0			n.a.
W 9	8 57	14 57	4 26	0 6	1 54	11 42	1 24	4 55	0 11	16 6	1 45	20 13	1 29	20 34	0 40	16 36	1 27	28 31	4 47	1 16	1 46	13 2			n.a.
T 10	8 35	12 1	3 40	0n39	2 4	11 14	1 23	5 11	0 12	16 8	1 45	20 11	1 29	20 34	0 40	16 36	1 27	28 32	4 48	1 14	1 45	13 3			n.a.
F 11	8 12	8 32	2 44	1 22	2 13	10 46	1 23	5 28	0 12	16 11	1 45	20 10	1 29	20 33	0 40	16 37	1 27	28 32	4 48	1 13	1 44	13 4			n.a.
S 12	7 50	4 43	1 41	2 3	2 22	10 18	1 22	5 44	0 13	16 13	1 45	20 8	1 29	20 32	0 41	16 37	1 27	28 32	4 48	1 12	1 43	13 6			n.a.
S 13	7 27	0 46	0 34	2 41	2 31	9 49	1 21	6 1	0 13	16 15	1 45	20 6	1 29	20 32	0 41	16 38	1 27	28 32	4 48	1 12	1 41	13 7			n.a.
M14	7 5	3s 9	0n34	3 16	2 38	9 20	1 21	6 17	0 14	16 17	1 45	20 5	1 29	20 31	0 41	16 38	1 27	28 33	4 49	1 12	1 40	13 8			n.a.
T 15	6 42	6 53	1 39	3 49	2 45	8 51	1 20	6 33	0 15	16 19	1 45	20 3	1 30	20 30	0 41	16 39	1 27	28 33	4 49	1 12	1 39	13 10			n.a.
W16	6 20	10 17	2 39	4 18	2 51	8 21	1 19	6 49	0 15	16 21	1 45	20 2	1 30	20 30	0 41	16 39	1 27	28 33	4 49	1 13	1 37	13 11			n.a.
T 17	5 57	13 14	3 32	4 45	2 56	7 52	1 18	7 6	0 16	16 23	1 45	20 0	1 30	20 29	0 41	16 39	1 27	28 33	4 49	1 13	1 36	13 12			n.a.
F 18	5 34	15 38	4 16	5 9	3 1	7 22	1 17	7 22	0 16	16 25	1 45	19 58	1 30	20 28	0 41	16 40	1 27	28 33	4 49	1 14	1 35	13 14			n.a.
S 19	5 11	17 22	4 49	5 29	3 4	6 52	1 16	7 38	0 17	16 27	1 44	19 57	1 30	20 28	0 41	16 40	1 27	28 34	4 50	1 14	1 34	13 15			n.a.
S 20	4 48	18 22	5 9	5 46	3 6	6 21	1 15	7 54	0 18	16 29	1 44	19 55	1 30	20 27	0 41	16 41	1 27	28 34	4 50	1 14	1 32	13 16			n.a.
M21	4 25	18 31	5 17	6 0	3 7	5 51	1 14	8 10	0 18	16 31	1 44	19 54	1 31	20 27	0 41	16 41	1 27	28 34	4 50	1 14	1 31	13 18			n.a.
T 22	4 2	17 48	5 9	6 11	3 7	5 20	1 13	8 25	0 19	16 33	1 44	19 52	1 31	20 26	0 41	16 42	1 27	28 34	4 50	1 14	1 30	13 19			n.a.
W23	3 38	16 9	4 46	6 18	3 5	4 50	1 11	8 41	0 19	16 35	1 44	19 51	1 31	20 26	0 41	16 42	1 27	28 35	4 50	1 13	1 28	13 20			n.a.
T 24	3 15	13 37	4 8	6 22	3 3	4 19	1 10	8 57	0 20	16 36	1 44	19 49	1 31	20 25	0 41	16 42	1 27	28 35	4 51	1 12	1 27	13 22			n.a.
F 25	2 52	10 15	3 14	6 23	2 59	3 48	1 9	9 12	0 21	16 38	1 44	19 48	1 31	20 24	0 41	16 43	1 27	28 35	4 51	1 12	1 26	13 23			n.a.
S 26	2 29	6 14	2 7	6 21	2 54	3 17	1 7	9 28	0 21	16 40	1 43	19 46	1 31	20 24	0 41	16 43	1 27	28 35	4 51	1 11	1 25	13 24			n.a.
S 27	2 5	1 46	0 51	6 15	2 48	2 46	1 6	9 43	0 22	16 41	1 43	19 45	1 32	20 23	0 41	16 44	1 27	28 36	4 51	1 11	1 23	13 26			n.a.
M28	1 42	2n53	0s30	6 6	2 40	2 15	1 4	9 59	0 22	16 43	1 43	19 43	1 32	20 23	0 41	16 44	1 27	28 36	4 52	1 11	1 22	13 27			n.a.
T 29	1 19	7 24	1 49	5 54	2 31	1 44	1 3	10 14	0 23	16 44	1 43	19 42	1 32	20 22	0 41	16 44	1 27	28 36	4 52	1 11	1 21	13 28			n.a.
W30	0 55	11 28	3 1	5 38	2 21	1 12	1 1	10 29	0 23	16 46	1 43	19 40	1 32	20 22	0 41	16 45	1 27	28 36	4 52	1 12	1 19	13 30			n.a.
T 31	0s32	14n47	4s 2	5n21	2n10	0s41	1s 0	10n45	0n24	16n47	1n43	19s39	1s32	20s21	0s41	16n45	1n27	28s36	4s52	1s12	1s18	13s31			n.a.

Julian Day Number = 1287930.5, Delta T = 08h01m57s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'25, Lahiri = -20°20'25 Julian Calendar 1 March 1187 BCE == Greg. Calendar 18 Feb. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

APRIL 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 52 21	29♓38'59	6♊53	7°R56	1♈48	27♈ 7	19°R35	9♒35	3♒33	18°R58	25♐ 7	2♎58	3♎10	15♏58	n.a.	F 1
S 2	11 56 17	0♈36'46	21° 8	7♈30	3° 1	27°47	19♌31	9°40	3°35	18♌57	25° 8	2°58	3° 7	16° 4	n.a.	S 2
S 3	12 0 14	1°34'31	5♋ 7	7° 0	4°15	28°26	19°27	9°46	3°37	18°55	25° 8	2°R58	3° 4	16°11	n.a.	S 3
M 4	12 4 10	2°32'13	18°48	6°28	5°29	29° 6	19°23	9°52	3°40	18°54	25° 8	2°D58	3° 1	16°18	n.a.	M 4
T 5	12 8 7	3°29'54	2♌11	5°54	6°43	29°45	19°19	9°57	3°42	18°53	25° 8	2°58	2°58	16°24	n.a.	T 5
W 6	12 12 3	4°27'33	15°18	5°19	7°57	0♉25	19°15	10° 2	3°44	18°52	25° 8	2°58	2°55	16°31	n.a.	W 6
T 7	12 16 0	5°25'11	28°10	4°43	9°10	1° 4	19°11	10° 8	3°46	18°51	25°R 8	2°58	2°51	16°38	n.a.	T 7
F 8	12 19 56	6°22'47	10♍49	4° 8	10°24	1°44	19° 8	10°13	3°48	18°50	25° 8	2°59	2°48	16°44	n.a.	F 8
S 9	12 23 53	7°20'21	23°15	3°33	11°38	2°23	19° 5	10°18	3°50	18°49	25° 8	2°59	2°45	16°51	n.a.	S 9
S 10	12 27 50	8°17'54	5♎30	2°59	12°52	3° 2	19° 2	10°23	3°52	18°48	25° 8	2°R59	2°42	16°58	n.a.	S 10
M11	12 31 46	9°15'25	17°36	2°27	14° 5	3°42	18°59	10°29	3°53	18°47	25° 8	2°59	2°39	17° 4	n.a.	M11
T 12	12 35 43	10°12'55	29°35	1°57	15°19	4°21	18°56	10°34	3°55	18°46	25° 8	2°58	2°35	17°11	n.a.	T 12
W13	12 39 39	11°10'24	11♏29	1°30	16°33	5° 0	18°54	10°38	3°57	18°46	25° 7	2°57	2°32	17°18	n.a.	W13
T 14	12 43 36	12° 7'52	23°19	1° 6	17°46	5°39	18°51	10°43	3°59	18°45	25° 7	2°56	2°29	17°25	n.a.	T 14
F 15	12 47 32	13° 5'19	5♐10	0°46	19° 0	6°19	18°49	10°48	4° 0	18°44	25° 7	2°55	2°26	17°31	n.a.	F 15
S 16	12 51 29	14° 2'45	17° 4	0°29	20°14	6°58	18°47	10°53	4° 2	18°43	25° 7	2°53	2°23	17°38	n.a.	S 16
S 17	12 55 25	15° 0'09	29° 6	0°17	21°27	7°37	18°45	10°58	4° 4	18°42	25° 7	2°52	2°20	17°45	n.a.	S 17
M18	12 59 22	15°57'33	11♑19	0° 9	22°41	8°16	18°44	11° 2	4° 5	18°42	25° 6	2°D52	2°16	17°51	n.a.	M18
T 19	13 3 19	16°54'57	23°47	0°D 5	23°55	8°55	18°42	11° 7	4° 7	18°41	25° 6	2°52	2°13	17°58	n.a.	T 19
W20	13 7 15	17°52'19	6♒36	0° 6	25° 8	9°35	18°41	11°11	4° 8	18°40	25° 6	2°53	2°10	18° 5	n.a.	W20
T 21	13 11 12	18°49'40	19°48	0°11	26°22	10°14	18°40	11°15	4°10	18°40	25° 5	2°54	2° 7	18°11	n.a.	T 21
F 22	13 15 8	19°47'01	3♓25	0°21	27°36	10°53	18°39	11°20	4°11	18°39	25° 5	2°55	2° 4	18°18	n.a.	F 22
S 23	13 19 5	20°44'21	17°28	0°35	28°49	11°32	18°38	11°24	4°13	18°38	25° 5	2°56	2° 0	18°25	n.a.	S 23
S 24	13 23 1	21°41'40	1♈56	0°54	0♉ 3	12°11	18°38	11°28	4°14	18°38	25° 4	2°R56	1°57	18°31	n.a.	S 24
M25	13 26 58	22°38'58	16°45	1°17	1°16	12°50	18°37	11°32	4°15	18°37	25° 4	2°56	1°54	18°38	n.a.	M25
T 26	13 30 54	23°36'15	1♉47	1°45	2°30	13°29	18°37	11°36	4°16	18°37	25° 3	2°55	1°51	18°45	n.a.	T 26
W27	13 34 51	24°33'31	16°53	2°16	3°44	14° 8	18°D37	11°40	4°17	18°36	25° 3	2°52	1°48	18°51	n.a.	W27
T 28	13 38 47	25°30'47	1♊55	2°52	4°57	14°47	18°37	11°43	4°19	18°36	25° 2	2°49	1°45	18°58	n.a.	T 28
F 29	13 42 44	26°28'01	16°43	3°32	6°11	15°26	18°37	11°47	4°20	18°35	25° 2	2°47	1°41	19° 5	n.a.	F 29
S 30	13 46 41	27♈25'15	1♋13	4♈16	7♉24	16♉ 5	18♌38	11♒51	4♒21	18♌35	25♐ 1	2♎44	1♎38	19♏12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 8	17n 8	4s45	5n 0	1n58	0s10	0s58	11n 0	0n24	16n48	1n42	19s38	1s32	20s21	0s41	16n45	1n27	28s37	4s52	1s12	1s17	13s32		n.a.
S 2	0n15	18 22	5 11	4 37	1 45	0n22	0 56	11 15	0 25	16 49	1 42	19 36	1 33	20 20	0 41	16 46	1 27	28 37	4 53	1 12	1 16	13 34		n.a.
S 3	0 38	18 27	5 17	4 12	1 30	0 53	0 55	11 29	0 26	16 51	1 42	19 35	1 33	20 20	0 41	16 46	1 27	28 37	4 53	1 12	1 14	13 35		n.a.
M 4	1 1	17 27	5 6	3 46	1 15	1 25	0 53	11 44	0 26	16 52	1 42	19 34	1 33	20 19	0 41	16 46	1 27	28 37	4 53	1 12	1 13	13 36		n.a.
T 5	1 25	15 30	4 37	3 18	1 0	1 56	0 51	11 59	0 27	16 53	1 42	19 32	1 33	20 19	0 41	16 47	1 27	28 38	4 53	1 12	1 12	13 37		n.a.
W 6	1 48	12 46	3 55	2 48	0 43	2 27	0 49	12 14	0 27	16 54	1 41	19 31	1 33	20 18	0 41	16 47	1 27	28 38	4 53	1 12	1 10	13 39		n.a.
T 7	2 11	9 28	3 2	2 19	0 27	2 58	0 47	12 28	0 28	16 55	1 41	19 30	1 34	20 18	0 41	16 47	1 27	28 38	4 54	1 12	1 9	13 40		n.a.
F 8	2 34	5 47	2 0	1 49	0 10	3 30	0 45	12 42	0 28	16 56	1 41	19 28	1 34	20 17	0 41	16 48	1 27	28 38	4 54	1 12	1 8	13 41		n.a.
S 9	2 58	1 54	0 54	1 19	0s 7	4 1	0 43	12 57	0 29	16 56	1 41	19 27	1 34	20 17	0 41	16 48	1 27	28 38	4 54	1 12	1 7	13 43		n.a.
S 10	3 21	2s 0	0n14	0 50	0 24	4 32	0 41	13 11	0 29	16 57	1 41	19 26	1 34	20 17	0 41	16 48	1 27	28 39	4 54	1 12	1 5	13 44		n.a.
M11	3 44	5 47	1 20	0 22	0 41	5 3	0 39	13 25	0 30	16 58	1 40	19 25	1 34	20 16	0 41	16 49	1 27	28 39	4 55	1 12	1 4	13 45		n.a.
T 12	4 7	9 17	2 22	0s 5	0 57	5 34	0 37	13 39	0 30	16 58	1 40	19 23	1 35	20 16	0 41	16 49	1 27	28 39	4 55	1 12	1 3	13 47		n.a.
W13	4 29	12 24	3 18	0 30	1 13	6 4	0 35	13 53	0 31	16 59	1 40	19 22	1 35	20 15	0 41	16 49	1 27	28 39	4 55	1 12	1 2	13 48		n.a.
T 14	4 52	14 58	4 4	0 54	1 28	6 35	0 33	14 7	0 31	17 0	1 40	19 21	1 35	20 15	0 42	16 49	1 27	28 39	4 55	1 11	1 0	13 49		n.a.
F 15	5 15	16 55	4 40	1 15	1 43	7 6	0 30	14 21	0 32	17 0	1 39	19 20	1 35	20 15	0 42	16 50	1 26	28 40	4 55	1 11	0 59	13 50		n.a.
S 16	5 38	18 8	5 5	1 34	1 56	7 36	0 28	14 34	0 32	17 0	1 39	19 19	1 35	20 14	0 42	16 50	1 26	28 40	4 56	1 10	0 58	13 52		n.a.
S 17	6 0	18 34	5 16	1 51	2 9	8 6	0 26	14 48	0 33	17 1	1 39	19 18	1 36	20 14	0 42	16 50	1 26	28 40	4 56	1 10	0 56	13 53		n.a.
M18	6 23	18 8	5 13	2 5	2 21	8 36	0 24	15 1	0 33	17 1	1 39	19 17	1 36	20 13	0 42	16 50	1 26	28 40	4 56	1 9	0 55	13 54		n.a.
T 19	6 45	16 51	4 56	2 17	2 32	9 6	0 21	15 14	0 34	17 1	1 38	19 16	1 36	20 13	0 42	16 50	1 26	28 40	4 56	1 9	0 54	13 55		n.a.
W20	7 7	14 41	4 24	2 25	2 41	9 35	0 19	15 27	0 34	17 2	1 38	19 15	1 36	20 13	0 42	16 51	1 26	28 41	4 56	1 10	0 53	13 57		n.a.
T 21	7 30	11 42	3 37	2 31	2 50	10 5	0 17	15 40	0 35	17 2	1 38	19 14	1 36	20 13	0 42	16 51	1 26	28 41	4 57	1 10	0 51	13 58		n.a.
F 22	7 52	8 0	2 36	2 34	2 58	10 34	0 14	15 53	0 35	17 2	1 38	19 13	1 37	20 12	0 42	16 51	1 26	28 41	4 57	1 11	0 50	13 59		n.a.
S 23	8 14	3 44	1 24	2 35	3 5	11 3	0 12	16 6	0 36	17 2	1 37	19 12	1 37	20 12	0 42	16 51	1 26	28 41	4 57	1 11	0 49	14 0		n.a.
S 24	8 35	0n52	0 6	2 33	3 11	11 31	0 10	16 19	0 36	17 2	1 37	19 11	1 37	20 12	0 42	16 51	1 26	28 41	4 57	1 11	0 47	14 2		n.a.
M25	8 57	5 32	1s16	2 28	3 16	12 0	0 7	16 31	0 37	17 2	1 37	19 10	1 37	20 11	0 42	16 51	1 26	28 42	4 58	1 11	0 46	14 3		n.a.
T 26	9 19	9 54	2 32	2 20	3 19	12 28	0 5	16 44	0 37	17 1	1 37	19 9	1 37	20 11	0 42	16 51	1 26	28 42	4 58	1 11	0 45	14 4		n.a.
W27	9 40	13 39	3 39	2 10	3 22	12 56	0 2	16 56	0 37	17 1	1 36	19 8	1 38	20 11	0 42	16 52	1 26	28 42	4 58	1 10	0 44	14 5		n.a.
T 28	10 1	16 28	4 30	1 57	3 24	13 23	0 0	17 8	0 38	17 1	1 36	19 7	1 38	20 11	0 42	16 52	1 26	28 42	4 58	1 8	0 42	14 7		n.a.
F 29	10 22	18 9	5 2	1 42	3 25	13 50	0n 2	17 20	0 38	17 0	1 36	19 6	1 38	20 10	0 42	16 52	1 26	28 42	4 58	1 7	0 41	14 8		n.a.
S 30	10n43	18n35	5s14	1s25	3s25	14n17	0n 5	17n32	0n39	17n 0	1n36	19s 5	1s38	20s10	0s42	16n52	1n26	28s43	4s59	1s 6	0s40	14s 9		n.a.

Julian Day Number = 1287961.5, Delta T = 08h01m56s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'21, Lahiri = -20°20'21 Julian Calendar 1 Apr. 1187 BCE == Greg. Calendar 21 March 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

MAY 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 37	28♈22'27	15♋19	5♈ 3	8♉38	16♉44	18♌39	11♒54	4♒22	18°R35	25°R 0	2°R42	1♎35	19♏18	n.a.	S 1
M 2	13 54 34	29°19'39	29° 0	5°55	9°52	17°23	18°40	11°58	4°23	18♌34	25♐ 0	2°D42	1°32	19°25	n.a.	M 2
T 3	13 58 30	0♉16'49	12♌18	6°50	11° 5	18° 1	18°41	12° 1	4°24	18°34	24°59	2♎42	1°29	19°32	n.a.	T 3
W 4	14 2 27	1°13'59	25°14	7°48	12°19	18°40	18°42	12° 4	4°24	18°34	24°58	2°44	1°26	19°38	n.a.	W 4
T 5	14 6 23	2°11'07	7♍52	8°51	13°32	19°19	18°43	12° 7	4°25	18°34	24°58	2°45	1°22	19°45	n.a.	T 5
F 6	14 10 20	3° 8'15	20°15	9°56	14°46	19°58	18°45	12°10	4°26	18°34	24°57	2°47	1°19	19°52	n.a.	F 6
S 7	14 14 17	4° 5'22	2♎27	11° 5	15°59	20°37	18°47	12°13	4°27	18°33	24°56	2°R47	1°16	19°58	n.a.	S 7
S 8	14 18 13	5° 2'28	14°30	12°18	17°13	21°15	18°49	12°16	4°27	18°33	24°55	2°46	1°13	20° 5	n.a.	S 8
M 9	14 22 10	5°59'34	26°27	13°34	18°26	21°54	18°51	12°19	4°28	18°33	24°55	2°44	1°10	20°12	n.a.	M 9
T 10	14 26 6	6°56'39	8♏20	14°53	19°40	22°33	18°53	12°22	4°28	18°33	24°54	2°40	1° 6	20°18	n.a.	T 10
W11	14 30 3	7°53'44	20°10	16°15	20°53	23°12	18°56	12°24	4°29	18°D33	24°53	2°35	1° 3	20°25	n.a.	W11
T 12	14 33 59	8°50'48	2♐ 1	17°40	22° 7	23°50	18°58	12°27	4°29	18°33	24°52	2°29	1° 0	20°32	n.a.	T 12
F 13	14 37 56	9°47'53	13°54	19° 9	23°20	24°29	19° 1	12°29	4°30	18°33	24°51	2°22	0°57	20°38	n.a.	F 13
S 14	14 41 52	10°44'57	25°51	20°41	24°34	25° 8	19° 4	12°31	4°30	18°33	24°50	2°16	0°54	20°45	n.a.	S 14
S 15	14 45 49	11°42'01	7♑55	22°15	25°47	25°46	19° 7	12°34	4°30	18°33	24°49	2°11	0°51	20°52	n.a.	S 15
M16	14 49 46	12°39'05	20° 9	23°53	27° 0	26°25	19°10	12°36	4°31	18°33	24°49	2° 7	0°47	20°59	n.a.	M16
T 17	14 53 42	13°36'09	2♒36	25°34	28°14	27° 3	19°14	12°38	4°31	18°34	24°48	2° 4	0°44	21° 5	n.a.	T 17
W18	14 57 39	14°33'13	15°21	27°18	29°27	27°42	19°17	12°40	4°31	18°34	24°47	2°D 4	0°41	21°12	n.a.	W18
T 19	15 1 35	15°30'17	28°27	29° 5	0♊41	28°21	19°21	12°42	4°31	18°34	24°46	2° 4	0°38	21°19	n.a.	T 19
F 20	15 5 32	16°27'22	11♓57	0♉54	1°54	28°59	19°25	12°43	4°31	18°34	24°45	2° 5	0°35	21°25	n.a.	F 20
S 21	15 9 28	17°24'26	25°54	2°47	3° 8	29°38	19°29	12°45	4°R31	18°35	24°44	2°R 6	0°31	21°32	n.a.	S 21
S 22	15 13 25	18°21'31	10♈18	4°42	4°21	0♊16	19°34	12°46	4°31	18°35	24°42	2° 6	0°28	21°39	n.a.	S 22
M23	15 17 21	19°18'36	25° 5	6°39	5°34	0°55	19°38	12°48	4°31	18°35	24°41	2° 4	0°25	21°45	n.a.	M23
T 24	15 21 18	20°15'41	10♉11	8°39	6°48	1°33	19°43	12°49	4°31	18°36	24°40	2° 0	0°22	21°52	n.a.	T 24
W25	15 25 15	21°12'47	25°26	10°41	8° 1	2°12	19°47	12°50	4°31	18°36	24°39	1°55	0°19	21°59	n.a.	W25
T 26	15 29 11	22° 9'52	10♊40	12°45	9°15	2°50	19°52	12°52	4°31	18°37	24°38	1°48	0°16	22° 5	n.a.	T 26
F 27	15 33 8	23° 6'58	25°43	14°50	10°28	3°29	19°57	12°53	4°31	18°37	24°37	1°40	0°12	22°12	n.a.	F 27
S 28	15 37 4	24° 4'03	10♋26	16°57	11°41	4° 7	20° 3	12°53	4°30	18°38	24°36	1°33	0° 9	22°19	n.a.	S 28
S 29	15 41 1	25° 1'09	24°42	19° 5	12°55	4°46	20° 8	12°54	4°30	18°38	24°35	1°28	0° 6	22°26	n.a.	S 29
M30	15 44 57	25°58'14	8♌30	21°13	14° 8	5°24	20°14	12°55	4°29	18°39	24°34	1°24	0° 3	22°32	n.a.	M30
T 31	15 48 54	26♉55'20	21♌49	23♉23	15♊22	6♊ 3	20♌19	12♒56	4♒29	18♌39	24♐32	1°D23	29♏59	22♏39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n 4	17n51	5s 7	1s 5	3s25	14n44	0n 7	17n44	0n39	17n 0	1n35	19s 5	1s39	20s10	0s42	16n52	1n26	28s43	4s59	1s 6	0s38	14s10			n.a.
M 2	11 25	16 6	4 42	0 43	3 23	15 10	0 10	17 56	0 40	16 59	1 35	19 4	1 39	20 10	0 42	16 52	1 26	28 43	4 59	1 5	0 37	14 12			n.a.
T 3	11 45	13 31	4 3	0 19	3 21	15 35	0 12	18 7	0 40	16 58	1 35	19 3	1 39	20 10	0 42	16 52	1 26	28 43	4 59	1 6	0 36	14 13			n.a.
W 4	12 6	10 19	3 12	0n 7	3 18	16 1	0 14	18 19	0 41	16 58	1 35	19 3	1 39	20 9	0 42	16 52	1 26	28 43	4 59	1 6	0 35	14 14			n.a.
T 5	12 26	6 43	2 13	0 36	3 14	16 26	0 17	18 30	0 41	16 57	1 34	19 2	1 40	20 9	0 42	16 52	1 26	28 43	5 0	1 7	0 33	14 15			n.a.
F 6	12 46	2 53	1 8	1 6	3 10	16 50	0 19	18 41	0 41	16 56	1 34	19 1	1 40	20 9	0 42	16 52	1 26	28 44	5 0	1 7	0 32	14 17			n.a.
S 7	13 5	1s 1	0 2	1 38	3 4	17 14	0 22	18 52	0 42	16 56	1 34	19 1	1 40	20 9	0 42	16 52	1 26	28 44	5 0	1 8	0 31	14 18			n.a.
S 8	13 25	4 50	1n 4	2 12	2 59	17 38	0 24	19 3	0 42	16 55	1 34	19 0	1 40	20 9	0 42	16 52	1 26	28 44	5 0	1 7	0 29	14 19			n.a.
M 9	13 44	8 25	2 6	2 48	2 52	18 1	0 26	19 14	0 43	16 54	1 33	18 59	1 41	20 9	0 42	16 52	1 26	28 44	5 0	1 6	0 28	14 20			n.a.
T 10	14 3	11 39	3 2	3 25	2 45	18 24	0 29	19 24	0 43	16 53	1 33	18 59	1 41	20 9	0 42	16 52	1 26	28 44	5 0	1 5	0 27	14 22			n.a.
W11	14 22	14 23	3 50	4 4	2 37	18 46	0 31	19 35	0 44	16 52	1 33	18 58	1 41	20 9	0 43	16 52	1 26	28 44	5 1	1 3	0 26	14 23			n.a.
T 12	14 41	16 32	4 28	4 45	2 29	19 8	0 34	19 45	0 44	16 51	1 33	18 58	1 41	20 9	0 43	16 52	1 26	28 44	5 1	1 0	0 24	14 24			n.a.
F 13	14 59	17 58	4 54	5 27	2 21	19 29	0 36	19 55	0 44	16 50	1 32	18 57	1 41	20 8	0 43	16 52	1 26	28 45	5 1	0 58	0 23	14 25			n.a.
S 14	15 18	18 38	5 8	6 11	2 11	19 50	0 38	20 5	0 45	16 48	1 32	18 57	1 42	20 8	0 43	16 52	1 25	28 45	5 1	0 55	0 22	14 26			n.a.
S 15	15 36	18 27	5 9	6 55	2 2	20 10	0 40	20 15	0 45	16 47	1 32	18 57	1 42	20 8	0 43	16 52	1 25	28 45	5 1	0 53	0 20	14 28			n.a.
M16	15 53	17 26	4 55	7 41	1 52	20 30	0 43	20 25	0 46	16 46	1 32	18 56	1 42	20 8	0 43	16 52	1 25	28 45	5 2	0 51	0 19	14 29			n.a.
T 17	16 11	15 34	4 27	8 28	1 42	20 49	0 45	20 34	0 46	16 45	1 31	18 56	1 42	20 8	0 43	16 52	1 25	28 45	5 2	0 50	0 18	14 30			n.a.
W18	16 28	12 54	3 46	9 16	1 31	21 8	0 47	20 43	0 46	16 43	1 31	18 56	1 43	20 8	0 43	16 52	1 25	28 45	5 2	0 50	0 17	14 31			n.a.
T 19	16 45	9 31	2 52	10 5	1 20	21 26	0 49	20 53	0 47	16 42	1 31	18 55	1 43	20 8	0 43	16 51	1 25	28 45	5 2	0 50	0 15	14 32			n.a.
F 20	17 2	5 33	1 47	10 54	1 9	21 43	0 51	21 2	0 47	16 40	1 31	18 55	1 43	20 8	0 43	16 51	1 25	28 46	5 2	0 51	0 14	14 34			n.a.
S 21	17 18	1 9	0 34	11 44	0 58	22 0	0 54	21 11	0 48	16 39	1 30	18 55	1 43	20 8	0 43	16 51	1 25	28 46	5 2	0 51	0 13	14 35			n.a.
S 22	17 35	3n28	0s44	12 34	0 46	22 16	0 56	21 19	0 48	16 37	1 30	18 55	1 44	20 8	0 43	16 51	1 25	28 46	5 3	0 51	0 11	14 36			n.a.
M23	17 50	8 0	2 1	13 25	0 35	22 32	0 58	21 28	0 48	16 35	1 30	18 54	1 44	20 8	0 43	16 51	1 25	28 46	5 3	0 50	0 10	14 37			n.a.
T 24	18 6	12 6	3 11	14 15	0 23	22 47	1 0	21 36	0 49	16 34	1 30	18 54	1 44	20 9	0 43	16 51	1 25	28 46	5 3	0 49	0 9	14 38			n.a.
W25	18 22	15 26	4 7	15 5	0 12	23 1	1 2	21 45	0 49	16 32	1 29	18 54	1 44	20 9	0 43	16 51	1 25	28 46	5 3	0 46	0 8	14 40			n.a.
T 26	18 37	17 41	4 47	15 54	0 1	23 15	1 4	21 53	0 49	16 30	1 29	18 54	1 45	20 9	0 43	16 50	1 25	28 46	5 3	0 43	0 6	14 41			n.a.
F 27	18 51	18 41	5 5	16 43	0n10	23 28	1 5	22 1	0 50	16 28	1 29	18 54	1 45	20 9	0 43	16 50	1 25	28 46	5 3	0 40	0 5	14 42			n.a.
S 28	19 6	18 23	5 3	17 30	0 21	23 40	1 7	22 8	0 50	16 26	1 29	18 54	1 45	20 9	0 43	16 50	1 25	28 47	5 4	0 38	0 4	14 43			n.a.
S 29	19 20	16 54	4 42	18 16	0 31	23 52	1 9	22 16	0 51	16 24	1 28	18 54	1 46	20 9	0 43	16 50	1 25	28 47	5 4	0 36	0 2	14 44			n.a.
M30	19 34	14 29	4 5	19 1	0 41	24 3	1 11	22 23	0 51	16 22	1 28	18 54	1 46	20 9	0 43	16 50	1 25	28 47	5 4	0 34	0 1	14 46			n.a.
T 31	19n47	11n22	3s16	19n44	0n50	24n13	1n13	22n31	0n51	16n20	1n28	18s54	1s46	20s 9	0s43	16n49	1n25	28s47	5s 4	0s34	0n 0	14s47			n.a.

Julian Day Number = 1287991.5, Delta T = 08h01m54s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'17, Lahiri = -20°20'17 Julian Calendar 1 May 1187 BCE == Greg. Calendar 20 Apr. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

JUNE 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 52 51	27♉52'25	4♍43	25♉32	16♊35	6♊41	20♌25	12♒56	4°R29	18♌40	24°R31	1♎23	29♍57	22♏46	n.a.	W 1
T 2	15 56 47	28°49'30	17°16	27°42	17°48	7°20	20°31	12°57	4♒28	18°41	24♐30	1°24	29°53	22°52	n.a.	T 2
F 3	16 0 44	29°46'36	29°32	29°51	19° 2	7°58	20°37	12°57	4°27	18°41	24°29	1°R25	29°50	22°59	n.a.	F 3
S 4	16 4 40	0♊43'41	11♎36	1♊59	20°15	8°37	20°43	12°57	4°27	18°42	24°27	1°24	29°47	23° 6	n.a.	S 4
S 5	16 8 37	1°40'47	23°31	4° 7	21°28	9°15	20°50	12°57	4°26	18°43	24°26	1°22	29°44	23°12	n.a.	S 5
M 6	16 12 33	2°37'53	5♏23	6°14	22°41	9°53	20°56	12°R57	4°25	18°44	24°25	1°17	29°41	23°19	n.a.	M 6
T 7	16 16 30	3°35'00	17°13	8°20	23°55	10°32	21° 3	12°57	4°25	18°44	24°24	1° 9	29°37	23°26	n.a.	T 7
W 8	16 20 26	4°32'07	29° 4	10°24	25° 8	11°10	21°10	12°57	4°24	18°45	24°22	1° 0	29°34	23°33	n.a.	W 8
T 9	16 24 23	5°29'15	10♐57	12°28	26°21	11°48	21°17	12°57	4°23	18°46	24°21	0°49	29°31	23°39	n.a.	T 9
F 10	16 28 20	6°26'23	22°56	14°29	27°34	12°27	21°24	12°56	4°22	18°47	24°20	0°37	29°28	23°46	n.a.	F 10
S 11	16 32 16	7°23'32	4♑59	16°29	28°48	13° 5	21°31	12°56	4°21	18°48	24°18	0°25	29°25	23°53	n.a.	S 11
S 12	16 36 13	8°20'42	17°10	18°28	0♋ 1	13°43	21°38	12°55	4°20	18°49	24°17	0°15	29°22	23°59	n.a.	S 12
M13	16 40 9	9°17'53	29°30	20°25	1°14	14°22	21°46	12°54	4°19	18°50	24°16	0° 7	29°18	24° 6	n.a.	M13
T 14	16 44 6	10°15'05	12♒ 2	22°20	2°27	15° 0	21°53	12°54	4°18	18°51	24°14	0° 1	29°15	24°13	n.a.	T 14
W15	16 48 2	11°12'17	24°48	24°13	3°41	15°38	22° 1	12°53	4°17	18°52	24°13	29♍58	29°12	24°19	n.a.	W15
T 16	16 51 59	12° 9'31	7♓51	26° 5	4°54	16°17	22° 9	12°52	4°16	18°53	24°12	29°D57	29° 9	24°26	n.a.	T 16
F 17	16 55 56	13° 6'46	21°16	27°55	6° 7	16°55	22°17	12°51	4°14	18°54	24°10	29°57	29° 6	24°33	n.a.	F 17
S 18	16 59 52	14° 4'02	5♈ 3	29°44	7°20	17°33	22°25	12°49	4°13	18°56	24° 9	29°R57	29° 3	24°40	n.a.	S 18
S 19	17 3 49	15° 1'19	19°15	1♋30	8°33	18°11	22°33	12°48	4°12	18°57	24° 8	29°56	28°59	24°46	n.a.	S 19
M20	17 7 45	15°58'37	3♉51	3°15	9°46	18°50	22°41	12°47	4°11	18°58	24° 6	29°52	28°56	24°53	n.a.	M20
T 21	17 11 42	16°55'57	18°47	4°58	11° 0	19°28	22°50	12°45	4° 9	18°59	24° 5	29°46	28°53	25° 0	n.a.	T 21
W22	17 15 38	17°53'18	3♊55	6°40	12°13	20° 6	22°58	12°43	4° 8	19° 0	24° 4	29°38	28°50	25° 6	n.a.	W22
T 23	17 19 35	18°50'40	19° 7	8°20	13°26	20°45	23° 7	12°42	4° 6	19° 2	24° 2	29°28	28°47	25°13	n.a.	T 23
F 24	17 23 31	19°48'03	4♋11	9°58	14°39	21°23	23°15	12°40	4° 5	19° 3	24° 1	29°17	28°43	25°20	n.a.	F 24
S 25	17 27 28	20°45'27	18°58	11°34	15°52	22° 1	23°24	12°38	4° 3	19° 4	23°59	29° 7	28°40	25°26	n.a.	S 25
S 26	17 31 25	21°42'52	3♌20	13° 9	17° 5	22°39	23°33	12°36	4° 2	19° 6	23°58	28°59	28°37	25°33	n.a.	S 26
M27	17 35 21	22°40'18	17°13	14°42	18°18	23°18	23°42	12°34	4° 0	19° 7	23°57	28°53	28°34	25°40	n.a.	M27
T 28	17 39 18	23°37'45	0♍37	16°14	19°31	23°56	23°52	12°32	3°59	19° 9	23°55	28°49	28°31	25°47	n.a.	T 28
W29	17 43 14	24°35'12	13°34	17°44	20°44	24°34	24° 1	12°30	3°57	19°10	23°54	28°48	28°28	25°53	n.a.	W29
T 30	17 47 11	25♊32'41	26♍ 7	19♋12	21♋57	25♊12	24♌10	12♒27	3♒55	19♌11	23♐52	28♍47	28♍24	26♏ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 1	7n48	2s18	20n25	0n59	24n23	1n14	22n38	0n52	16n18	1n28	18s54	1s46	20s 9	0s43	16n49	1n25	28s47	5s 4	0s34	0n 1	14s48		n.a.
T 2	20 14	3 58	1 15	21 4	1 7	24 31	1 16	22 45	0 52	16 16	1 27	18 54	1 47	20 10	0 43	16 49	1 25	28 47	5 4	0 34	0 3	14 49		n.a.
F 3	20 26	0 2	0 10	21 40	1 15	24 39	1 17	22 51	0 52	16 14	1 27	18 54	1 47	20 10	0 43	16 49	1 25	28 47	5 4	0 34	0 4	14 50		n.a.
S 4	20 38	3s50	0n54	22 14	1 22	24 47	1 19	22 58	0 53	16 12	1 27	18 55	1 47	20 10	0 43	16 48	1 25	28 47	5 5	0 34	0 5	14 51		n.a.
S 5	20 50	7 30	1 55	22 46	1 28	24 53	1 20	23 4	0 53	16 9	1 27	18 55	1 47	20 10	0 43	16 48	1 25	28 47	5 5	0 33	0 7	14 53		n.a.
M 6	21 2	10 51	2 51	23 14	1 34	24 59	1 22	23 11	0 53	16 7	1 26	18 55	1 48	20 10	0 44	16 48	1 25	28 47	5 5	0 31	0 8	14 54		n.a.
T 7	21 13	13 45	3 39	23 41	1 38	25 5	1 23	23 17	0 54	16 5	1 26	18 55	1 48	20 11	0 44	16 48	1 25	28 47	5 5	0 28	0 9	14 55		n.a.
W 8	21 24	16 5	4 17	24 4	1 43	25 9	1 24	23 23	0 54	16 2	1 26	18 56	1 48	20 11	0 44	16 47	1 25	28 47	5 5	0 24	0 10	14 56		n.a.
T 9	21 34	17 45	4 45	24 25	1 46	25 13	1 26	23 28	0 54	16 0	1 26	18 56	1 48	20 11	0 44	16 47	1 25	28 48	5 5	0 20	0 12	14 57		n.a.
F 10	21 44	18 39	5 0	24 43	1 49	25 16	1 27	23 34	0 55	15 57	1 26	18 56	1 49	20 11	0 44	16 47	1 24	28 48	5 5	0 15	0 13	14 58		n.a.
S 11	21 54	18 43	5 1	24 58	1 51	25 18	1 28	23 39	0 55	15 55	1 25	18 57	1 49	20 12	0 44	16 46	1 24	28 48	5 5	0 10	0 14	14 59		n.a.
S 12	22 4	17 55	4 50	25 11	1 52	25 19	1 29	23 44	0 55	15 52	1 25	18 57	1 49	20 12	0 44	16 46	1 24	28 48	5 6	0 6	0 16	15 1		n.a.
M13	22 13	16 17	4 24	25 22	1 53	25 20	1 30	23 49	0 56	15 49	1 25	18 58	1 49	20 12	0 44	16 46	1 24	28 48	5 6	0 3	0 17	15 2		n.a.
T 14	22 21	13 51	3 46	25 30	1 53	25 20	1 31	23 54	0 56	15 47	1 25	18 58	1 50	20 13	0 44	16 45	1 24	28 48	5 6	0 0	0 18	15 3		n.a.
W15	22 29	10 43	2 55	25 35	1 53	25 19	1 32	23 59	0 56	15 44	1 25	18 59	1 50	20 13	0 44	16 45	1 24	28 48	5 6	0n 1	0 19	15 4		n.a.
T 16	22 37	7 0	1 54	25 38	1 52	25 17	1 33	24 3	0 57	15 41	1 24	18 59	1 50	20 13	0 44	16 44	1 24	28 48	5 6	0 1	0 21	15 5		n.a.
F 17	22 45	2 49	0 46	25 39	1 50	25 15	1 33	24 7	0 57	15 38	1 24	19 0	1 50	20 13	0 44	16 44	1 24	28 48	5 6	0 1	0 22	15 6		n.a.
S 18	22 52	1n38	0s27	25 38	1 48	25 12	1 34	24 11	0 57	15 35	1 24	19 0	1 51	20 14	0 44	16 44	1 24	28 48	5 6	0 1	0 23	15 7		n.a.
S 19	22 59	6 7	1 41	25 35	1 45	25 8	1 35	24 15	0 58	15 32	1 24	19 1	1 51	20 14	0 44	16 43	1 24	28 48	5 6	0 2	0 25	15 9		n.a.
M20	23 5	10 21	2 49	25 30	1 42	25 3	1 35	24 19	0 58	15 30	1 24	19 2	1 51	20 15	0 44	16 43	1 24	28 48	5 7	0 3	0 26	15 10		n.a.
T 21	23 11	14 2	3 48	25 23	1 39	24 58	1 36	24 22	0 58	15 27	1 23	19 2	1 51	20 15	0 44	16 42	1 24	28 48	5 7	0 5	0 27	15 11		n.a.
W22	23 16	16 50	4 32	25 14	1 34	24 51	1 36	24 26	0 58	15 23	1 23	19 3	1 52	20 15	0 44	16 42	1 24	28 48	5 7	0 9	0 28	15 12		n.a.
T 23	23 21	18 27	4 56	25 4	1 30	24 44	1 36	24 29	0 59	15 20	1 23	19 4	1 52	20 16	0 44	16 42	1 24	28 48	5 7	0 13	0 30	15 13		n.a.
F 24	23 26	18 46	5 0	24 52	1 25	24 37	1 37	24 32	0 59	15 17	1 23	19 4	1 52	20 16	0 44	16 41	1 24	28 48	5 7	0 17	0 31	15 14		n.a.
S 25	23 30	17 47	4 43	24 38	1 19	24 28	1 37	24 34	0 59	15 14	1 23	19 5	1 52	20 16	0 44	16 41	1 24	28 48	5 7	0 21	0 32	15 15		n.a.
S 26	23 34	15 42	4 9	24 23	1 13	24 19	1 37	24 37	1 0	15 11	1 22	19 6	1 52	20 17	0 44	16 40	1 24	28 48	5 7	0 25	0 33	15 16		n.a.
M27	23 38	12 44	3 21	24 7	1 7	24 10	1 37	24 39	1 0	15 8	1 22	19 7	1 53	20 17	0 44	16 40	1 24	28 48	5 7	0 27	0 35	15 18		n.a.
T 28	23 41	9 12	2 23	23 50	1 0	23 59	1 37	24 42	1 0	15 4	1 22	19 8	1 53	20 18	0 44	16 39	1 24	28 48	5 7	0 29	0 36	15 19		n.a.
W29	23 43	5 21	1 20	23 31	0 53	23 48	1 37	24 44	1 0	15 1	1 22	19 8	1 53	20 18	0 44	16 39	1 24	28 48	5 7	0 29	0 37	15 20		n.a.
T 30	23n45	1n21	0s14	23n12	0n46	23n36	1n37	24n45	1n 1	14n58	1n22	19s 9	1s53	20s18	0s44	16n38	1n24	28s48	5s 7	0n29	0n39	15s21		n.a.

Julian Day Number = 1288022.5, Delta T = 08h01m52s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'13, Lahiri = -20°20'12 Julian Calendar 1 June 1187 BCE == Greg. Calendar 21 May 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

JULY 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 51 7	26♊30'10	8♎22	20♋38	23♋10	25♊51	24♌20	12°R25	3°R53	19♌13	23°R51	28°R47	28♍21	26♏ 7	n.a.	F 1
S 2	17 55 4	27°27'41	20°24	22° 2	24°23	26°29	24°29	12♒22	3♒52	19°14	23♐50	28♍46	28°18	26°13	n.a.	S 2
S 3	17 59 0	28°25'13	2♏17	23°25	25°36	27° 7	24°39	12°20	3°50	19°16	23°48	28°43	28°15	26°20	n.a.	S 3
M 4	18 2 57	29°22'46	14° 7	24°46	26°49	27°45	24°49	12°17	3°48	19°18	23°47	28°37	28°12	26°27	n.a.	M 4
T 5	18 6 54	0♋20'20	25°57	26° 5	28° 2	28°23	24°59	12°14	3°46	19°19	23°46	28°29	28° 9	26°33	n.a.	T 5
W 6	18 10 50	1°17'55	7♐51	27°22	29°15	29° 2	25° 9	12°11	3°44	19°21	23°44	28°18	28° 5	26°40	n.a.	W 6
T 7	18 14 47	2°15'32	19°50	28°37	0♌28	29°40	25°19	12° 8	3°42	19°22	23°43	28° 5	28° 2	26°47	n.a.	T 7
F 8	18 18 43	3°13'10	1♑57	29°50	1°41	0♋18	25°29	12° 5	3°40	19°24	23°41	27°51	27°59	26°54	n.a.	F 8
S 9	18 22 40	4°10'50	14°11	1♌ 1	2°54	0°56	25°39	12° 2	3°38	19°26	23°40	27°38	27°56	27° 0	n.a.	S 9
S 10	18 26 36	5° 8'31	26°35	2°10	4° 6	1°35	25°49	11°59	3°36	19°27	23°39	27°26	27°53	27° 7	n.a.	S 10
M11	18 30 33	6° 6'13	9♒ 8	3°17	5°19	2°13	26° 0	11°56	3°34	19°29	23°37	27°17	27°49	27°14	n.a.	M11
T 12	18 34 29	7° 3'58	21°51	4°21	6°32	2°51	26°10	11°52	3°32	19°31	23°36	27°10	27°46	27°20	n.a.	T 12
W13	18 38 26	8° 1'44	4♓47	5°23	7°45	3°29	26°21	11°49	3°30	19°33	23°35	27° 6	27°43	27°27	n.a.	W13
T 14	18 42 23	8°59'32	17°56	6°22	8°57	4° 7	26°31	11°45	3°28	19°34	23°33	27° 4	27°40	27°34	n.a.	T 14
F 15	18 46 19	9°57'22	1♈21	7°18	10°10	4°46	26°42	11°42	3°26	19°36	23°32	27°D 4	27°37	27°41	n.a.	F 15
S 16	18 50 16	10°55'14	15° 4	8°11	11°23	5°24	26°53	11°38	3°24	19°38	23°31	27°R 4	27°34	27°47	n.a.	S 16
S 17	18 54 12	11°53'08	29° 6	9° 2	12°35	6° 2	27° 4	11°34	3°22	19°40	23°29	27° 3	27°30	27°54	n.a.	S 17
M18	18 58 9	12°51'04	13♉26	9°49	13°48	6°40	27°15	11°31	3°20	19°42	23°28	27° 0	27°27	28° 1	n.a.	M18
T 19	19 2 5	13°49'02	28° 4	10°33	15° 1	7°19	27°26	11°27	3°17	19°44	23°27	26°55	27°24	28° 7	n.a.	T 19
W20	19 6 2	14°47'02	12♊53	11°13	16°13	7°57	27°37	11°23	3°15	19°46	23°25	26°47	27°21	28°14	n.a.	W20
T 21	19 9 58	15°45'04	27°47	11°49	17°26	8°35	27°48	11°19	3°13	19°47	23°24	26°37	27°18	28°21	n.a.	T 21
F 22	19 13 55	16°43'08	12♋37	12°21	18°38	9°13	27°59	11°15	3°11	19°49	23°23	26°27	27°15	28°27	n.a.	F 22
S 23	19 17 52	17°41'13	27°14	12°48	19°51	9°52	28°11	11°11	3° 8	19°51	23°22	26°17	27°11	28°34	n.a.	S 23
S 24	19 21 48	18°39'21	11♌31	13°11	21° 3	10°30	28°22	11° 7	3° 6	19°53	23°20	26° 9	27° 8	28°41	n.a.	S 24
M25	19 25 45	19°37'30	25°23	13°30	22°16	11° 8	28°34	11° 3	3° 4	19°55	23°19	26° 3	27° 5	28°48	n.a.	M25
T 26	19 29 41	20°35'41	8♍48	13°42	23°28	11°46	28°45	10°58	3° 1	19°57	23°18	25°59	27° 2	28°54	n.a.	T 26
W27	19 33 38	21°33'53	21°47	13°50	24°41	12°25	28°57	10°54	2°59	19°59	23°17	25°D58	26°59	29° 1	n.a.	W27
T 28	19 37 34	22°32'07	4♎23	13°R51	25°53	13° 3	29° 8	10°50	2°57	20° 1	23°16	25°58	26°55	29° 8	n.a.	T 28
F 29	19 41 31	23°30'23	16°40	13°47	27° 5	13°41	29°20	10°46	2°54	20° 3	23°14	25°58	26°52	29°14	n.a.	F 29
S 30	19 45 27	24°28'40	28°43	13°36	28°18	14°19	29°32	10°41	2°52	20° 5	23°13	25°R59	26°49	29°21	n.a.	S 30
S 31	19 49 24	25♋26'59	10♏38	13♌19	29♌30	14♋58	29♌44	10♒37	2♒50	20♌ 7	23♐12	25♍57	26♍46	29♏28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	2s36	0n50	22n51	0n38	23n23	1n36	24n47	1n 1	14n54	1n22	19s10	1s54	20s19	0s44	16n38	1n24	28s48	5s 7	0n29	0n40	15s22		n.a.
S 2	23 48	6 22	1 52	22 30	0 31	23 10	1 36	24 48	1 1	14 51	1 21	19 11	1 54	20 19	0 44	16 37	1 24	28 48	5 8	0 30	0 41	15 23		n.a.
S 3	23 49	9 51	2 47	22 8	0 22	22 56	1 36	24 50	1 2	14 48	1 21	19 12	1 54	20 20	0 44	16 37	1 24	28 48	5 8	0 31	0 42	15 24		n.a.
M 4	23 50	12 55	3 35	21 45	0 14	22 41	1 35	24 51	1 2	14 44	1 21	19 13	1 54	20 20	0 44	16 36	1 24	28 48	5 8	0 33	0 44	15 25		n.a.
T 5	23 50	15 27	4 14	21 22	0 5	22 26	1 34	24 51	1 2	14 41	1 21	19 14	1 55	20 21	0 44	16 36	1 24	28 48	5 8	0 37	0 45	15 26		n.a.
W 6	23 50	17 21	4 41	20 58	0s 4	22 10	1 34	24 52	1 2	14 37	1 21	19 15	1 55	20 21	0 44	16 35	1 24	28 48	5 8	0 41	0 46	15 27		n.a.
T 7	23 49	18 30	4 57	20 33	0 13	21 54	1 33	24 53	1 3	14 33	1 21	19 16	1 55	20 22	0 44	16 35	1 24	28 48	5 8	0 46	0 48	15 29		n.a.
F 8	23 48	18 50	4 59	20 9	0 23	21 37	1 32	24 53	1 3	14 30	1 20	19 17	1 55	20 22	0 45	16 34	1 24	28 48	5 8	0 52	0 49	15 30		n.a.
S 9	23 46	18 18	4 48	19 44	0 33	21 19	1 31	24 53	1 3	14 26	1 20	19 18	1 55	20 23	0 45	16 33	1 24	28 48	5 8	0 57	0 50	15 31		n.a.
S 10	23 44	16 53	4 23	19 19	0 43	21 1	1 30	24 53	1 3	14 22	1 20	19 20	1 56	20 23	0 45	16 33	1 24	28 48	5 8	1 2	0 51	15 32		n.a.
M11	23 41	14 40	3 45	18 53	0 53	20 42	1 29	24 52	1 4	14 19	1 20	19 21	1 56	20 24	0 45	16 32	1 24	28 48	5 8	1 6	0 53	15 33		n.a.
T 12	23 38	11 42	2 55	18 28	1 3	20 22	1 28	24 52	1 4	14 15	1 20	19 22	1 56	20 24	0 45	16 32	1 24	28 48	5 8	1 9	0 54	15 34		n.a.
W13	23 35	8 8	1 55	18 3	1 13	20 2	1 27	24 51	1 4	14 11	1 20	19 23	1 56	20 25	0 45	16 31	1 24	28 48	5 8	1 10	0 55	15 35		n.a.
T 14	23 31	4 7	0 48	17 38	1 24	19 41	1 26	24 50	1 4	14 7	1 19	19 24	1 56	20 25	0 45	16 31	1 23	28 48	5 8	1 11	0 57	15 36		n.a.
F 15	23 27	0n12	0s23	17 14	1 34	19 20	1 24	24 49	1 5	14 3	1 19	19 25	1 57	20 26	0 45	16 30	1 23	28 48	5 8	1 11	0 58	15 37		n.a.
S 16	23 23	4 35	1 34	16 50	1 45	18 59	1 23	24 48	1 5	14 0	1 19	19 27	1 57	20 26	0 45	16 29	1 23	28 48	5 8	1 11	0 59	15 38		n.a.
S 17	23 17	8 49	2 41	16 26	1 56	18 37	1 22	24 47	1 5	13 56	1 19	19 28	1 57	20 27	0 45	16 29	1 23	28 48	5 8	1 11	1 0	15 39		n.a.
M18	23 12	12 39	3 40	16 3	2 7	18 14	1 20	24 45	1 5	13 52	1 19	19 29	1 57	20 27	0 45	16 28	1 23	28 48	5 8	1 13	1 2	15 40		n.a.
T 19	23 6	15 45	4 25	15 41	2 17	17 51	1 18	24 43	1 6	13 48	1 19	19 30	1 57	20 28	0 45	16 27	1 23	28 48	5 8	1 15	1 3	15 41		n.a.
W20	23 0	17 52	4 53	15 20	2 28	17 27	1 17	24 41	1 6	13 44	1 19	19 32	1 58	20 28	0 45	16 27	1 23	28 48	5 8	1 18	1 4	15 43		n.a.
T 21	22 53	18 47	5 2	14 59	2 39	17 3	1 15	24 39	1 6	13 40	1 19	19 33	1 58	20 29	0 45	16 26	1 23	28 48	5 8	1 22	1 6	15 44		n.a.
F 22	22 46	18 24	4 50	14 40	2 49	16 38	1 13	24 36	1 6	13 35	1 18	19 34	1 58	20 30	0 45	16 26	1 23	28 48	5 8	1 26	1 7	15 45		n.a.
S 23	22 39	16 49	4 20	14 23	2 59	16 13	1 11	24 34	1 6	13 31	1 18	19 36	1 58	20 30	0 45	16 25	1 23	28 48	5 8	1 30	1 8	15 46		n.a.
S 24	22 31	14 12	3 33	14 7	3 9	15 48	1 9	24 31	1 7	13 27	1 18	19 37	1 58	20 31	0 45	16 24	1 23	28 48	5 8	1 33	1 9	15 47		n.a.
M25	22 22	10 50	2 35	13 52	3 19	15 22	1 7	24 28	1 7	13 23	1 18	19 38	1 58	20 31	0 45	16 24	1 23	28 48	5 8	1 36	1 11	15 48		n.a.
T 26	22 14	7 1	1 30	13 40	3 28	14 56	1 5	24 25	1 7	13 19	1 18	19 40	1 58	20 32	0 45	16 23	1 23	28 48	5 8	1 37	1 12	15 49		n.a.
W27	22 4	2 58	0 22	13 29	3 37	14 30	1 3	24 22	1 7	13 15	1 18	19 41	1 59	20 32	0 45	16 22	1 23	28 48	5 9	1 38	1 13	15 50		n.a.
T 28	21 55	1s 5	0n45	13 21	3 45	14 3	1 0	24 18	1 8	13 10	1 18	19 42	1 59	20 33	0 45	16 22	1 23	28 48	5 9	1 38	1 15	15 51		n.a.
F 29	21 45	4 59	1 48	13 16	3 52	13 35	0 58	24 14	1 8	13 6	1 18	19 44	1 59	20 33	0 45	16 21	1 23	28 48	5 9	1 38	1 16	15 52		n.a.
S 30	21 35	8 37	2 46	13 12	3 59	13 8	0 56	24 10	1 8	13 2	1 17	19 45	1 59	20 34	0 45	16 20	1 23	28 47	5 9	1 37	1 17	15 53		n.a.
S 31	21n24	11s51	3n35	13n12	4s 4	12n40	0n53	24n 6	1n 8	12n57	1n17	19s46	1s59	20s35	0s45	16n20	1n23	28s47	5s 9	1n38	1n18	15s54		n.a.

Julian Day Number = 1288052.5, Delta T = 08h01m51s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'09, Lahiri = -20°20'08 Julian Calendar 1 July 1187 BCE == Greg. Calendar 20 June 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

AUGUST 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 53 21	26♋25'20	22♏29	12°R55	0♍42	15♋36	29♌56	10°R32	2°R47	20♌ 9	23°R11	25°R54	26♍43	29♏35	n.a.	M 1
T 2	19 57 17	27°23'43	4♐21	12♌25	1°54	16°14	0♍ 8	10♒28	2♒45	20°12	23♐10	25♍48	26°40	29°41	n.a.	T 2
W 3	20 1 14	28°22'07	16°18	11°48	3° 7	16°53	0°20	10°23	2°42	20°14	23° 9	25°40	26°36	29°48	n.a.	W 3
T 4	20 5 10	29°20'34	28°23	11° 5	4°19	17°31	0°32	10°19	2°40	20°16	23° 8	25°31	26°33	29°55	n.a.	T 4
F 5	20 9 7	0♌19'02	10♑38	10°17	5°31	18° 9	0°44	10°14	2°38	20°18	23° 7	25°20	26°30	0♐ 1	n.a.	F 5
S 6	20 13 3	1°17'32	23° 5	9°24	6°43	18°47	0°56	10° 9	2°35	20°20	23° 6	25°10	26°27	0° 8	n.a.	S 6
S 7	20 17 0	2°16'04	5♒45	8°26	7°55	19°26	1° 8	10° 5	2°33	20°22	23° 5	25° 1	26°24	0°15	n.a.	S 7
M 8	20 20 56	3°14'39	18°36	7°25	9° 7	20° 4	1°20	10° 0	2°30	20°24	23° 4	24°54	26°21	0°22	n.a.	M 8
T 9	20 24 53	4°13'15	1♓39	6°23	10°19	20°42	1°33	9°55	2°28	20°26	23° 3	24°50	26°17	0°28	n.a.	T 9
W10	20 28 49	5°11'53	14°53	5°20	11°31	21°21	1°45	9°51	2°26	20°29	23° 2	24°47	26°14	0°35	n.a.	W10
T 11	20 32 46	6°10'34	28°19	4°17	12°43	21°59	1°57	9°46	2°23	20°31	23° 1	24°D47	26°11	0°42	n.a.	T 11
F 12	20 36 43	7° 9'17	11♈55	3°18	13°54	22°37	2°10	9°41	2°21	20°33	23° 0	24°48	26° 8	0°48	n.a.	F 12
S 13	20 40 39	8° 8'03	25°44	2°22	15° 6	23°16	2°22	9°37	2°18	20°35	22°59	24°49	26° 5	0°55	n.a.	S 13
S 14	20 44 36	9° 6'51	9♉44	1°32	16°18	23°54	2°35	9°32	2°16	20°37	22°58	24°R49	26° 1	1° 2	n.a.	S 14
M15	20 48 32	10° 5'42	23°55	0°48	17°30	24°32	2°48	9°27	2°14	20°40	22°57	24°49	25°58	1° 8	n.a.	M15
T 16	20 52 29	11° 4'35	8♊15	0°12	18°41	25°11	3° 0	9°23	2°11	20°42	22°56	24°46	25°55	1°15	n.a.	T 16
W17	20 56 25	12° 3'30	22°41	29♋45	19°53	25°49	3°13	9°18	2° 9	20°44	22°56	24°41	25°52	1°22	n.a.	W17
T 18	21 0 22	13° 2'28	7♋ 9	29°28	21° 4	26°28	3°25	9°13	2° 7	20°46	22°55	24°36	25°49	1°29	n.a.	T 18
F 19	21 4 18	14° 1'29	21°33	29°D21	22°16	27° 6	3°38	9° 8	2° 4	20°48	22°54	24°29	25°46	1°35	n.a.	F 19
S 20	21 8 15	15° 0'31	5♌47	29°23	23°27	27°44	3°51	9° 4	2° 2	20°51	22°53	24°23	25°42	1°42	n.a.	S 20
S 21	21 12 12	15°59'36	19°46	29°36	24°39	28°23	4° 4	8°59	2° 0	20°53	22°53	24°18	25°39	1°49	n.a.	S 21
M22	21 16 8	16°58'43	3♍26	29°59	25°50	29° 1	4°17	8°54	1°57	20°55	22°52	24°14	25°36	1°55	n.a.	M22
T 23	21 20 5	17°57'52	16°44	0♌31	27° 1	29°40	4°29	8°50	1°55	20°57	22°51	24°12	25°33	2° 2	n.a.	T 23
W24	21 24 1	18°57'03	29°40	1°12	28°13	0♌18	4°42	8°45	1°53	21° 0	22°51	24°D12	25°30	2° 9	n.a.	W24
T 25	21 27 58	19°56'16	12♎16	2° 2	29°24	0°57	4°55	8°41	1°51	21° 2	22°50	24°13	25°26	2°16	n.a.	T 25
F 26	21 31 54	20°55'31	24°34	3° 0	0♎35	1°35	5° 8	8°36	1°48	21° 4	22°49	24°15	25°23	2°22	n.a.	F 26
S 27	21 35 51	21°54'48	6♏39	4° 5	1°46	2°13	5°21	8°32	1°46	21° 6	22°49	24°17	25°20	2°29	n.a.	S 27
S 28	21 39 47	22°54'07	18°35	5°16	2°57	2°52	5°34	8°27	1°44	21° 9	22°48	24°R18	25°17	2°36	n.a.	S 28
M29	21 43 44	23°53'27	0♐27	6°33	4° 8	3°30	5°47	8°23	1°42	21°11	22°48	24°17	25°14	2°42	n.a.	M29
T 30	21 47 40	24°52'50	12°20	7°55	5°19	4° 9	6° 0	8°18	1°40	21°13	22°47	24°16	25°11	2°49	n.a.	T 30
W31	21 51 37	25♌52'15	24♐19	9♌21	6♎30	4♌47	6♍13	8♒14	1♒37	21♌15	22♐47	24♍13	25♍ 7	2♐56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n13	14s35	4n15	13n15	4s 9	12n11	0n51	24n 2	1n 8	12n53	1n17	19s48	1s59	20s35	0s45	16n19	1n23	28s47	5s 9	1n39	1n20	15s55			n.a.
T 2	21 1	16 42	4 44	13 20	4 12	11 43	0 48	23 58	1 9	12 49	1 17	19 49	1 59	20 36	0 45	16 18	1 23	28 47	5 9	1 42	1 21	15 56			n.a.
W 3	20 50	18 8	5 1	13 29	4 13	11 14	0 45	23 53	1 9	12 44	1 17	19 50	2 0	20 36	0 45	16 18	1 23	28 47	5 9	1 45	1 22	15 57			n.a.
T 4	20 37	18 45	5 5	13 41	4 13	10 45	0 43	23 48	1 9	12 40	1 17	19 52	2 0	20 37	0 45	16 17	1 23	28 47	5 9	1 49	1 24	15 58			n.a.
F 5	20 25	18 31	4 54	13 55	4 11	10 15	0 40	23 43	1 9	12 35	1 17	19 53	2 0	20 37	0 45	16 16	1 23	28 47	5 8	1 53	1 25	15 59			n.a.
S 6	20 12	17 23	4 30	14 13	4 8	9 46	0 37	23 38	1 9	12 31	1 17	19 55	2 0	20 38	0 45	16 16	1 23	28 47	5 8	1 57	1 26	16 0			n.a.
S 7	19 59	15 24	3 52	14 34	4 2	9 16	0 34	23 33	1 10	12 26	1 17	19 56	2 0	20 39	0 45	16 15	1 23	28 47	5 8	2 0	1 27	16 1			n.a.
M 8	19 45	12 37	3 2	14 57	3 54	8 46	0 31	23 27	1 10	12 22	1 17	19 57	2 0	20 39	0 45	16 14	1 23	28 47	5 8	2 3	1 29	16 2			n.a.
T 9	19 31	9 11	2 1	15 22	3 44	8 15	0 28	23 22	1 10	12 17	1 17	19 59	2 0	20 40	0 45	16 13	1 23	28 47	5 8	2 5	1 30	16 3			n.a.
W10	19 17	5 14	0 53	15 49	3 33	7 45	0 25	23 16	1 10	12 13	1 16	20 0	2 0	20 40	0 45	16 13	1 23	28 47	5 8	2 6	1 31	16 4			n.a.
T 11	19 2	0 58	0s19	16 17	3 19	7 14	0 22	23 10	1 10	12 8	1 16	20 1	2 0	20 41	0 45	16 12	1 23	28 47	5 8	2 6	1 32	16 5			n.a.
F 12	18 47	3n24	1 31	16 46	3 4	6 43	0 19	23 3	1 10	12 4	1 16	20 3	2 0	20 41	0 45	16 11	1 23	28 47	5 8	2 6	1 34	16 6			n.a.
S 13	18 32	7 38	2 39	17 14	2 47	6 12	0 15	22 57	1 11	11 59	1 16	20 4	2 1	20 42	0 45	16 11	1 23	28 46	5 8	2 6	1 35	16 7			n.a.
S 14	18 16	11 31	3 39	17 43	2 30	5 41	0 12	22 50	1 11	11 54	1 16	20 6	2 1	20 42	0 45	16 10	1 23	28 46	5 8	2 5	1 36	16 8			n.a.
M15	18 0	14 46	4 26	18 11	2 11	5 9	0 9	22 44	1 11	11 50	1 16	20 7	2 1	20 43	0 45	16 9	1 23	28 46	5 8	2 6	1 38	16 9			n.a.
T 16	17 44	17 10	4 57	18 37	1 52	4 38	0 5	22 37	1 11	11 45	1 16	20 8	2 1	20 44	0 45	16 8	1 23	28 46	5 8	2 7	1 39	16 10			n.a.
W17	17 27	18 29	5 9	19 2	1 32	4 6	0 2	22 30	1 11	11 40	1 16	20 10	2 1	20 44	0 45	16 8	1 23	28 46	5 8	2 9	1 40	16 11			n.a.
T 18	17 11	18 37	5 2	19 24	1 13	3 35	0s 1	22 23	1 11	11 35	1 16	20 11	2 1	20 45	0 45	16 7	1 23	28 46	5 8	2 11	1 41	16 12			n.a.
F 19	16 53	17 32	4 36	19 45	0 54	3 3	0 5	22 15	1 12	11 31	1 16	20 12	2 1	20 45	0 45	16 6	1 23	28 46	5 8	2 14	1 43	16 13			n.a.
S 20	16 36	15 23	3 53	20 2	0 35	2 31	0 8	22 8	1 12	11 26	1 16	20 14	2 1	20 46	0 45	16 6	1 23	28 46	5 8	2 16	1 44	16 14			n.a.
S 21	16 18	12 21	2 56	20 17	0 18	1 59	0 12	22 0	1 12	11 21	1 16	20 15	2 1	20 46	0 45	16 5	1 23	28 46	5 8	2 18	1 45	16 15			n.a.
M22	16 0	8 42	1 51	20 29	0 1	1 27	0 15	21 52	1 12	11 16	1 16	20 16	2 1	20 47	0 45	16 4	1 23	28 46	5 8	2 20	1 47	16 16			n.a.
T 23	15 42	4 42	0 41	20 37	0n15	0 55	0 19	21 44	1 12	11 12	1 16	20 18	2 1	20 47	0 45	16 3	1 23	28 46	5 8	2 20	1 48	16 17			n.a.
W24	15 23	0 35	0n30	20 42	0 30	0 23	0 23	21 36	1 12	11 7	1 16	20 19	2 1	20 48	0 45	16 3	1 23	28 46	5 8	2 20	1 49	16 18			n.a.
T 25	15 4	3s26	1 37	20 44	0 44	0s 9	0 26	21 27	1 12	11 2	1 16	20 20	2 1	20 48	0 45	16 2	1 23	28 46	5 8	2 20	1 50	16 19			n.a.
F 26	14 45	7 13	2 38	20 43	0 56	0 42	0 30	21 19	1 13	10 57	1 16	20 21	2 1	20 49	0 45	16 1	1 23	28 45	5 8	2 19	1 52	16 20			n.a.
S 27	14 26	10 38	3 31	20 38	1 7	1 14	0 34	21 10	1 13	10 52	1 15	20 23	2 1	20 49	0 45	16 1	1 23	28 45	5 8	2 19	1 53	16 21			n.a.
S 28	14 6	13 34	4 15	20 30	1 17	1 46	0 37	21 1	1 13	10 47	1 15	20 24	2 1	20 50	0 45	16 0	1 23	28 45	5 8	2 18	1 54	16 22			n.a.
M29	13 47	15 55	4 47	20 19	1 26	2 18	0 41	20 52	1 13	10 42	1 15	20 25	2 1	20 50	0 45	15 59	1 23	28 45	5 8	2 18	1 56	16 23			n.a.
T 30	13 27	17 35	5 7	20 5	1 33	2 50	0 45	20 43	1 13	10 37	1 15	20 26	2 1	20 51	0 45	15 58	1 23	28 45	5 8	2 19	1 57	16 24			n.a.
W31	13n 6	18s30	5n13	19n48	1n39	3s22	0s49	20n34	1n13	10n33	1n15	20s27	2s 1	20s51	0s45	15n58	1n23	28s45	5s 8	2n20	1n58	16s25			n.a.

Julian Day Number = 1288083.5, Delta T = 08h01m49s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'05, Lahiri = -20°20'04 Julian Calendar 1 Aug. 1187 BCE == Greg. Calendar 21 July 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

SEPTEMBER 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 34	26♌51'42	6♉28	10♌51	7♎41	5♌26	6♍26	8°R 9	1°R35	21♌17	22°R46	24°R 9	25♍ 4	3♐ 3	n.a.	T 1
F 2	21 59 30	27°51'10	18°49	12°25	8°51	6° 4	6°39	8♒ 5	1♒33	21°20	22♐46	24♍ 5	25° 1	3° 9	n.a.	F 2
S 3	22 3 27	28°50'41	1♒26	14° 0	10° 2	6°43	6°52	8° 1	1°31	21°22	22°45	24° 1	24°58	3°16	n.a.	S 3
S 4	22 7 23	29°50'14	14°20	15°38	11°13	7°21	7° 5	7°57	1°29	21°24	22°45	23°57	24°55	3°23	n.a.	S 4
M 5	22 11 20	0♍49'49	27°30	17°17	12°23	8° 0	7°18	7°53	1°27	21°26	22°45	23°54	24°52	3°29	n.a.	M 5
T 6	22 15 16	1°49'25	10♓55	18°58	13°33	8°38	7°32	7°48	1°25	21°29	22°44	23°52	24°48	3°36	n.a.	T 6
W 7	22 19 13	2°49'04	24°35	20°40	14°44	9°17	7°45	7°44	1°23	21°31	22°44	23°D52	24°45	3°43	n.a.	W 7
T 8	22 23 9	3°48'46	8♈26	22°23	15°54	9°56	7°58	7°40	1°21	21°33	22°44	23°52	24°42	3°50	n.a.	T 8
F 9	22 27 6	4°48'29	22°27	24° 5	17° 4	10°34	8°11	7°36	1°19	21°35	22°44	23°54	24°39	3°56	n.a.	F 9
S 10	22 31 2	5°48'15	6♉33	25°49	18°14	11°13	8°24	7°33	1°17	21°37	22°43	23°55	24°36	4° 3	n.a.	S 10
S 11	22 34 59	6°48'04	20°43	27°32	19°24	11°51	8°37	7°29	1°16	21°40	22°43	23°56	24°32	4°10	n.a.	S 11
M12	22 38 56	7°47'55	4♊55	29°15	20°34	12°30	8°51	7°25	1°14	21°42	22°43	23°R57	24°29	4°16	n.a.	M12
T 13	22 42 52	8°47'48	19° 7	0♍59	21°44	13° 9	9° 4	7°21	1°12	21°44	22°43	23°56	24°26	4°23	n.a.	T 13
W14	22 46 49	9°47'44	3♋15	2°42	22°54	13°47	9°17	7°18	1°10	21°46	22°43	23°56	24°23	4°30	n.a.	W14
T 15	22 50 45	10°47'42	17°19	4°24	24° 4	14°26	9°30	7°14	1° 9	21°48	22°43	23°54	24°20	4°37	n.a.	T 15
F 16	22 54 42	11°47'43	1♌14	6° 7	25°13	15° 5	9°43	7°11	1° 7	21°50	22°43	23°52	24°17	4°43	n.a.	F 16
S 17	22 58 38	12°47'45	15° 0	7°49	26°23	15°43	9°56	7° 7	1° 5	21°52	22°D43	23°51	24°13	4°50	n.a.	S 17
S 18	23 2 35	13°47'50	28°33	9°30	27°32	16°22	10°10	7° 4	1° 4	21°55	22°43	23°50	24°10	4°57	n.a.	S 18
M19	23 6 31	14°47'57	11♍51	11°11	28°41	17° 1	10°23	7° 1	1° 2	21°57	22°43	23°49	24° 7	5° 3	n.a.	M19
T 20	23 10 28	15°48'06	24°53	12°52	29°51	17°39	10°36	6°58	1° 1	21°59	22°43	23°D49	24° 4	5°10	n.a.	T 20
W21	23 14 24	16°48'17	7♎38	14°32	1♏ 0	18°18	10°49	6°55	0°59	22° 1	22°43	23°49	24° 1	5°17	n.a.	W21
T 22	23 18 21	17°48'30	20° 8	16°12	2° 9	18°57	11° 2	6°52	0°58	22° 3	22°43	23°50	23°57	5°24	n.a.	T 22
F 23	23 22 18	18°48'44	2♏24	17°51	3°18	19°35	11°15	6°49	0°56	22° 5	22°43	23°50	23°54	5°30	n.a.	F 23
S 24	23 26 14	19°49'00	14°29	19°29	4°26	20°14	11°29	6°46	0°55	22° 7	22°43	23°51	23°51	5°37	n.a.	S 24
S 25	23 30 11	20°49'19	26°25	21° 8	5°35	20°53	11°42	6°43	0°54	22° 9	22°44	23°51	23°48	5°44	n.a.	S 25
M26	23 34 7	21°49'38	8♐17	22°45	6°43	21°32	11°55	6°41	0°53	22°11	22°44	23°51	23°45	5°50	n.a.	M26
T 27	23 38 4	22°50'00	20°10	24°23	7°52	22°10	12° 8	6°38	0°51	22°13	22°44	23°51	23°42	5°57	n.a.	T 27
W28	23 42 0	23°50'23	2♑ 7	25°59	9° 0	22°49	12°21	6°36	0°50	22°15	22°45	23°51	23°38	6° 4	n.a.	W28
T 29	23 45 57	24°50'47	14°15	27°36	10° 8	23°28	12°34	6°33	0°49	22°17	22°45	23°51	23°35	6°11	n.a.	T 29
F 30	23 49 53	25♍51'13	26♑36	29♍12	11♏16	24♌ 7	12♍47	6♒31	0♒48	22♌19	22♐45	23♍52	23♍32	6♐17	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n46	18s35	5n 6	19n28	1n45	3s54	0s52	20n25	1n13	10n28	1n15	20s28	2s 1	20s52	0s45	15n57	1n23	28s45	5s 8	2n21	1n59	16s26		n.a.
F 2	12 25	17 47	4 45	19 6	1 49	4 26	0 56	20 15	1 14	10 23	1 15	20 30	2 1	20 52	0 45	15 56	1 23	28 45	5 7	2 23	2 1	16 27		n.a.
S 3	12 4	16 7	4 9	18 41	1 52	4 57	1 0	20 5	1 14	10 18	1 15	20 31	2 1	20 53	0 45	15 56	1 23	28 45	5 7	2 25	2 2	16 28		n.a.
S 4	11 43	13 36	3 21	18 14	1 54	5 29	1 4	19 55	1 14	10 13	1 15	20 32	2 1	20 53	0 45	15 55	1 23	28 45	5 7	2 26	2 3	16 29		n.a.
M 5	11 22	10 21	2 20	17 45	1 56	6 0	1 8	19 45	1 14	10 8	1 15	20 33	2 1	20 53	0 45	15 54	1 23	28 45	5 7	2 28	2 5	16 30		n.a.
T 6	11 0	6 30	1 11	17 13	1 57	6 32	1 11	19 35	1 14	10 3	1 15	20 34	2 1	20 54	0 45	15 53	1 23	28 45	5 7	2 28	2 6	16 30		n.a.
W 7	10 38	2 15	0s 4	16 41	1 56	7 3	1 15	19 25	1 14	9 58	1 15	20 35	2 1	20 54	0 45	15 53	1 23	28 45	5 7	2 28	2 7	16 31		n.a.
T 8	10 16	2n11	1 20	16 6	1 56	7 34	1 19	19 15	1 14	9 53	1 15	20 36	2 1	20 55	0 45	15 52	1 23	28 44	5 7	2 28	2 8	16 32		n.a.
F 9	9 54	6 32	2 31	15 30	1 54	8 5	1 23	19 4	1 14	9 48	1 15	20 37	2 1	20 55	0 45	15 51	1 23	28 44	5 7	2 28	2 10	16 33		n.a.
S 10	9 32	10 33	3 34	14 53	1 53	8 36	1 27	18 53	1 14	9 43	1 15	20 38	2 1	20 56	0 45	15 51	1 23	28 44	5 7	2 27	2 11	16 34		n.a.
S 11	9 10	13 59	4 25	14 15	1 50	9 6	1 30	18 42	1 15	9 38	1 15	20 39	2 1	20 56	0 45	15 50	1 23	28 44	5 7	2 27	2 12	16 35		n.a.
M12	8 47	16 34	4 59	13 35	1 47	9 37	1 34	18 31	1 15	9 33	1 15	20 40	2 1	20 56	0 45	15 49	1 24	28 44	5 7	2 27	2 13	16 36		n.a.
T 13	8 24	18 9	5 15	12 55	1 44	10 7	1 38	18 20	1 15	9 28	1 15	20 41	2 1	20 57	0 45	15 48	1 24	28 44	5 7	2 27	2 15	16 37		n.a.
W14	8 1	18 36	5 12	12 14	1 40	10 37	1 42	18 9	1 15	9 23	1 15	20 42	2 1	20 57	0 45	15 48	1 24	28 44	5 7	2 27	2 16	16 38		n.a.
T 15	7 38	17 54	4 50	11 32	1 36	11 6	1 45	17 58	1 15	9 18	1 15	20 43	2 1	20 57	0 45	15 47	1 24	28 44	5 7	2 28	2 17	16 39		n.a.
F 16	7 15	16 7	4 12	10 50	1 32	11 36	1 49	17 46	1 15	9 12	1 15	20 43	2 1	20 58	0 45	15 46	1 24	28 44	5 7	2 28	2 19	16 40		n.a.
S 17	6 52	13 26	3 19	10 7	1 27	12 5	1 53	17 35	1 15	9 7	1 15	20 44	2 1	20 58	0 45	15 46	1 24	28 44	5 7	2 29	2 20	16 41		n.a.
S 18	6 28	10 4	2 16	9 24	1 22	12 34	1 56	17 23	1 15	9 2	1 15	20 45	2 1	20 58	0 44	15 45	1 24	28 44	5 6	2 29	2 21	16 42		n.a.
M19	6 5	6 13	1 6	8 40	1 17	13 3	2 0	17 11	1 15	8 57	1 15	20 46	2 1	20 59	0 44	15 44	1 24	28 44	5 6	2 30	2 22	16 42		n.a.
T 20	5 41	2 9	0n 6	7 56	1 11	13 31	2 3	16 59	1 15	8 52	1 15	20 47	2 0	20 59	0 44	15 44	1 24	28 44	5 6	2 30	2 24	16 43		n.a.
W21	5 18	1s55	1 16	7 12	1 6	13 59	2 7	16 47	1 15	8 47	1 15	20 47	2 0	20 59	0 44	15 43	1 24	28 44	5 6	2 30	2 25	16 44		n.a.
T 22	4 54	5 50	2 21	6 27	1 0	14 27	2 10	16 35	1 15	8 42	1 15	20 48	2 0	21 0	0 44	15 42	1 24	28 43	5 6	2 29	2 26	16 45		n.a.
F 23	4 30	9 25	3 18	5 42	0 54	14 54	2 14	16 23	1 16	8 37	1 15	20 49	2 0	21 0	0 44	15 42	1 24	28 43	5 6	2 29	2 28	16 46		n.a.
S 24	4 6	12 32	4 6	4 58	0 48	15 21	2 17	16 10	1 16	8 32	1 15	20 49	2 0	21 0	0 44	15 41	1 24	28 43	5 6	2 29	2 29	16 47		n.a.
S 25	3 42	15 6	4 42	4 13	0 42	15 48	2 20	15 58	1 16	8 27	1 15	20 50	2 0	21 0	0 44	15 40	1 24	28 43	5 6	2 29	2 30	16 48		n.a.
M26	3 18	17 1	5 6	3 28	0 36	16 14	2 23	15 45	1 16	8 22	1 15	20 50	2 0	21 1	0 44	15 40	1 24	28 43	5 6	2 29	2 31	16 49		n.a.
T 27	2 53	18 12	5 17	2 43	0 29	16 40	2 27	15 32	1 16	8 17	1 15	20 51	2 0	21 1	0 44	15 39	1 24	28 43	5 6	2 29	2 33	16 50		n.a.
W28	2 29	18 35	5 14	1 58	0 23	17 5	2 30	15 20	1 16	8 12	1 15	20 52	2 0	21 1	0 44	15 39	1 24	28 43	5 6	2 29	2 34	16 51		n.a.
T 29	2 5	18 8	4 58	1 13	0 16	17 31	2 33	15 7	1 16	8 7	1 15	20 52	2 0	21 1	0 44	15 38	1 24	28 43	5 6	2 29	2 35	16 51		n.a.
F 30	1n40	16s49	4n27	0n29	0n10	17s55	2s36	14n54	1n16	8n 2	1n16	20s53	1s59	21s 2	0s44	15n37	1n24	28s43	5s 6	2n29	2n36	16s52		n.a.

Julian Day Number = 1288114.5, Delta T = 08h01m47s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°27'00, Lahiri = -20°20'00 Julian Calendar 1 Sept. 1187 BCE == Greg. Calendar 21 Aug. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

OCTOBER 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 50	26♍51'41	9♒16	0♎47	12♏24	24♌46	13♍ 0	6°R29	0°R47	22♌21	22♐46	23♍52	23♍29	6♐24	n.a.	S 1
S 2	23 57 47	27°52'10	22°16	2°23	13°32	25°24	13°13	6♒27	0♒46	22°23	22°46	23°52	23°26	6°31	n.a.	S 2
M 3	0 1 43	28°52'41	5♓38	3°57	14°39	26° 3	13°26	6°25	0°45	22°25	22°46	23°53	23°23	6°37	n.a.	M 3
T 4	0 5 40	29°53'13	19°22	5°32	15°46	26°42	13°39	6°23	0°44	22°26	22°47	23°R53	23°19	6°44	n.a.	T 4
W 5	0 9 36	0♎53'47	3♈26	7° 6	16°54	27°21	13°52	6°21	0°43	22°28	22°47	23°53	23°16	6°51	n.a.	W 5
T 6	0 13 33	1°54'23	17°45	8°40	18° 1	28° 0	14° 5	6°20	0°42	22°30	22°48	23°52	23°13	6°58	n.a.	T 6
F 7	0 17 29	2°55'00	2♉15	10°14	19° 7	28°39	14°18	6°18	0°42	22°32	22°49	23°51	23°10	7° 4	n.a.	F 7
S 8	0 21 26	3°55'40	16°50	11°47	20°14	29°17	14°30	6°17	0°41	22°34	22°49	23°50	23° 7	7°11	n.a.	S 8
S 9	0 25 22	4°56'21	1♊23	13°20	21°20	29°56	14°43	6°15	0°40	22°36	22°50	23°49	23° 3	7°18	n.a.	S 9
M10	0 29 19	5°57'04	15°50	14°53	22°27	0♍35	14°56	6°14	0°40	22°37	22°50	23°48	23° 0	7°24	n.a.	M10
T 11	0 33 15	6°57'48	0♋ 6	16°25	23°33	1°14	15° 9	6°13	0°39	22°39	22°51	23°47	22°57	7°31	n.a.	T 11
W12	0 37 12	7°58'35	14° 9	17°58	24°38	1°53	15°21	6°12	0°39	22°41	22°52	23°D47	22°54	7°38	n.a.	W12
T 13	0 41 9	8°59'24	27°57	19°30	25°44	2°32	15°34	6°11	0°38	22°42	22°52	23°48	22°51	7°45	n.a.	T 13
F 14	0 45 5	10° 0'14	11♌32	21° 2	26°49	3°11	15°47	6°10	0°38	22°44	22°53	23°49	22°48	7°51	n.a.	F 14
S 15	0 49 2	11° 1'05	24°52	22°33	27°55	3°50	15°59	6°10	0°37	22°46	22°54	23°50	22°44	7°58	n.a.	S 15
S 16	0 52 58	12° 1'59	7♍58	24° 5	29° 0	4°29	16°12	6° 9	0°37	22°47	22°55	23°52	22°41	8° 5	n.a.	S 16
M17	0 56 55	13° 2'54	20°52	25°36	0♐ 4	5° 8	16°24	6° 9	0°37	22°49	22°56	23°R52	22°38	8°12	n.a.	M17
T 18	1 0 51	14° 3'50	3♎33	27° 7	1° 9	5°47	16°37	6° 8	0°37	22°51	22°56	23°52	22°35	8°18	n.a.	T 18
W19	1 4 48	15° 4'47	16° 3	28°37	2°13	6°26	16°49	6° 8	0°36	22°52	22°57	23°51	22°32	8°25	n.a.	W19
T 20	1 8 44	16° 5'46	28°22	0♏ 8	3°17	7° 5	17° 2	6° 8	0°36	22°54	22°58	23°48	22°28	8°32	n.a.	T 20
F 21	1 12 41	17° 6'46	10♏32	1°38	4°20	7°44	17°14	6°D 8	0°36	22°55	22°59	23°44	22°25	8°38	n.a.	F 21
S 22	1 16 38	18° 7'48	22°33	3° 7	5°24	8°23	17°26	6° 8	0°D36	22°57	23° 0	23°40	22°22	8°45	n.a.	S 22
S 23	1 20 34	19° 8'50	4♐28	4°37	6°27	9° 2	17°38	6° 8	0°36	22°58	23° 1	23°36	22°19	8°52	n.a.	S 23
M24	1 24 31	20° 9'53	16°19	6° 6	7°30	9°41	17°50	6° 8	0°36	22°59	23° 2	23°31	22°16	8°59	n.a.	M24
T 25	1 28 27	21°10'57	28°10	7°34	8°32	10°20	18° 3	6° 9	0°36	23° 1	23° 3	23°28	22°13	9° 5	n.a.	T 25
W26	1 32 24	22°12'02	10♑ 6	9° 2	9°34	10°59	18°15	6° 9	0°37	23° 2	23° 4	23°26	22° 9	9°12	n.a.	W26
T 27	1 36 20	23°13'08	22° 9	10°29	10°36	11°38	18°27	6°10	0°37	23° 3	23° 5	23°D25	22° 6	9°19	n.a.	T 27
F 28	1 40 17	24°14'14	4♒26	11°55	11°37	12°17	18°38	6°11	0°37	23° 5	23° 6	23°26	22° 3	9°25	n.a.	F 28
S 29	1 44 13	25°15'21	17° 1	13°20	12°38	12°56	18°50	6°11	0°38	23° 6	23° 8	23°27	22° 0	9°32	n.a.	S 29
S 30	1 48 10	26°16'29	29°58	14°44	13°38	13°35	19° 2	6°12	0°38	23° 7	23° 9	23°29	21°57	9°39	n.a.	S 30
M31	1 52 7	27♎17'37	13♓20	16♏ 7	14♐39	14♍15	19♍14	6♒13	0♒38	23♌ 8	23♐10	23♍30	21♍54	9♐46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n16	14s39	3n43	0s16	0n 3	18s19	2s39	14n40	1n16	7n57	1n16	20s53	1s59	21s 2	0s44	15n37	1n24	28s43	5s 6	2n29	2n38	16s53		n.a.
S 2	0 52	11 42	2 47	1 1	0s 3	18 43	2 42	14 27	1 16	7 52	1 16	20 53	1 59	21 2	0 44	15 36	1 24	28 43	5 6	2 28	2 39	16 54		n.a.
M 3	0 27	8 3	1 40	1 45	0 10	19 7	2 44	14 14	1 16	7 47	1 16	20 54	1 59	21 2	0 44	15 36	1 24	28 43	5 5	2 28	2 40	16 55		n.a.
T 4	0 3	3 54	0 25	2 29	0 16	19 29	2 47	14 0	1 16	7 42	1 16	20 54	1 59	21 2	0 44	15 35	1 24	28 43	5 5	2 28	2 42	16 56		n.a.
W 5	0s22	0n35	0s53	3 13	0 23	19 52	2 50	13 47	1 16	7 37	1 16	20 54	1 59	21 3	0 44	15 34	1 24	28 43	5 5	2 28	2 43	16 57		n.a.
T 6	0 46	5 6	2 9	3 56	0 29	20 14	2 52	13 33	1 16	7 32	1 16	20 55	1 59	21 3	0 44	15 34	1 24	28 43	5 5	2 28	2 44	16 58		n.a.
F 7	1 11	9 23	3 17	4 40	0 36	20 35	2 55	13 20	1 16	7 27	1 16	20 55	1 59	21 3	0 44	15 33	1 24	28 43	5 5	2 29	2 45	16 58		n.a.
S 8	1 35	13 6	4 13	5 23	0 42	20 56	2 57	13 6	1 16	7 22	1 16	20 55	1 59	21 3	0 44	15 33	1 24	28 43	5 5	2 29	2 47	16 59		n.a.
S 9	2 0	16 0	4 53	6 5	0 48	21 16	2 59	12 52	1 16	7 17	1 16	20 56	1 58	21 3	0 44	15 32	1 24	28 43	5 5	2 30	2 48	17 0		n.a.
M10	2 24	17 52	5 13	6 48	0 55	21 36	3 2	12 38	1 16	7 12	1 16	20 56	1 58	21 3	0 44	15 32	1 24	28 43	5 5	2 30	2 49	17 1		n.a.
T 11	2 48	18 35	5 15	7 29	1 1	21 55	3 4	12 24	1 16	7 7	1 16	20 56	1 58	21 3	0 44	15 31	1 24	28 43	5 5	2 30	2 51	17 2		n.a.
W12	3 13	18 9	4 57	8 11	1 7	22 14	3 6	12 10	1 16	7 2	1 16	20 56	1 58	21 3	0 44	15 31	1 24	28 43	5 5	2 30	2 52	17 3		n.a.
T 13	3 37	16 38	4 22	8 52	1 13	22 32	3 7	11 55	1 16	6 57	1 16	20 56	1 58	21 3	0 44	15 30	1 25	28 43	5 5	2 30	2 53	17 4		n.a.
F 14	4 2	14 12	3 33	9 33	1 18	22 50	3 9	11 41	1 16	6 52	1 16	20 56	1 58	21 4	0 44	15 29	1 25	28 43	5 5	2 30	2 54	17 4		n.a.
S 15	4 26	11 2	2 34	10 13	1 24	23 7	3 11	11 27	1 16	6 47	1 16	20 56	1 58	21 4	0 44	15 29	1 25	28 43	5 5	2 29	2 56	17 5		n.a.
S 16	4 50	7 23	1 27	10 52	1 30	23 23	3 12	11 12	1 16	6 42	1 16	20 56	1 58	21 4	0 44	15 28	1 25	28 43	5 5	2 29	2 57	17 6		n.a.
M17	5 14	3 25	0 17	11 31	1 35	23 39	3 14	10 58	1 16	6 37	1 17	20 56	1 57	21 4	0 44	15 28	1 25	28 43	5 5	2 28	2 58	17 7		n.a.
T 18	5 38	0s38	0n53	12 10	1 40	23 54	3 15	10 43	1 16	6 33	1 17	20 56	1 57	21 4	0 44	15 28	1 25	28 43	5 5	2 28	2 59	17 8		n.a.
W19	6 2	4 35	1 59	12 48	1 45	24 9	3 16	10 28	1 16	6 28	1 17	20 56	1 57	21 4	0 44	15 27	1 25	28 43	5 4	2 29	3 1	17 9		n.a.
T 20	6 26	8 18	2 59	13 25	1 50	24 23	3 17	10 14	1 16	6 23	1 17	20 56	1 57	21 4	0 44	15 27	1 25	28 43	5 4	2 30	3 2	17 9		n.a.
F 21	6 50	11 36	3 49	14 1	1 54	24 36	3 18	9 59	1 16	6 18	1 17	20 56	1 57	21 4	0 44	15 26	1 25	28 43	5 4	2 32	3 3	17 10		n.a.
S 22	7 13	14 23	4 29	14 36	1 59	24 49	3 19	9 44	1 16	6 13	1 17	20 56	1 57	21 4	0 43	15 26	1 25	28 43	5 4	2 33	3 5	17 11		n.a.
S 23	7 37	16 32	4 56	15 11	2 2	25 1	3 20	9 29	1 16	6 9	1 17	20 56	1 57	21 4	0 43	15 25	1 25	28 43	5 4	2 35	3 6	17 12		n.a.
M24	8 0	17 58	5 11	15 45	2 6	25 12	3 20	9 14	1 16	6 4	1 17	20 55	1 56	21 3	0 43	15 25	1 25	28 43	5 4	2 37	3 7	17 13		n.a.
T 25	8 24	18 37	5 12	16 18	2 10	25 23	3 20	8 59	1 16	5 59	1 17	20 55	1 56	21 3	0 43	15 24	1 25	28 43	5 4	2 38	3 8	17 13		n.a.
W26	8 47	18 27	5 0	16 50	2 13	25 33	3 21	8 44	1 16	5 54	1 17	20 55	1 56	21 3	0 43	15 24	1 25	28 43	5 4	2 39	3 10	17 14		n.a.
T 27	9 10	17 27	4 35	17 20	2 15	25 43	3 21	8 29	1 16	5 50	1 18	20 55	1 56	21 3	0 43	15 24	1 25	28 43	5 4	2 39	3 11	17 15		n.a.
F 28	9 33	15 38	3 57	17 50	2 17	25 52	3 21	8 14	1 16	5 45	1 18	20 54	1 56	21 3	0 43	15 23	1 25	28 43	5 4	2 39	3 12	17 16		n.a.
S 29	9 56	13 2	3 6	18 18	2 19	26 0	3 20	7 58	1 16	5 40	1 18	20 54	1 56	21 3	0 43	15 23	1 25	28 43	5 4	2 39	3 13	17 17		n.a.
S 30	10 18	9 43	2 5	18 45	2 20	26 7	3 20	7 43	1 16	5 36	1 18	20 54	1 56	21 3	0 43	15 22	1 25	28 43	5 4	2 38	3 15	17 17		n.a.
M31	10s41	5s48	0n55	19s11	2s21	26s14	3s19	7n28	1n16	5n31	1n18	20s53	1s55	21s 3	0s43	15n22	1n25	28s43	5s 4	2n37	3n16	17s18		n.a.

Julian Day Number = 1288144.5, Delta T = 08h01m46s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'56, Lahiri = -20°19'56 Julian Calendar 1 Oct. 1187 BCE == Greg. Calendar 20 Sept. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

NOVEMBER 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 3	28♎18'45	27♓10	17♏29	15♐38	14♍54	19♍26	6♒15	0♒39	23♑10	23♐11	23°R30	21♍50	9♐52	n.a.	T 1
W 2	2 0 0	29°19'55	11♈26	18°48	16°37	15°33	19°37	6°16	0°39	23°11	23°12	23♍29	21°47	9°59	n.a.	W 2
T 3	2 3 56	0♏21'05	26° 5	20° 6	17°36	16°12	19°49	6°17	0°40	23°12	23°14	23°26	21°44	10° 6	n.a.	T 3
F 4	2 7 53	1°22'16	11♉ 0	21°21	18°34	16°51	20° 0	6°19	0°41	23°13	23°15	23°21	21°41	10°12	n.a.	F 4
S 5	2 11 49	2°23'27	26° 3	22°34	19°32	17°30	20°11	6°20	0°41	23°14	23°16	23°15	21°38	10°19	n.a.	S 5
S 6	2 15 46	3°24'40	11♊ 4	23°43	20°29	18° 9	20°23	6°22	0°42	23°15	23°17	23° 9	21°34	10°26	n.a.	S 6
M 7	2 19 42	4°25'53	25°55	24°49	21°26	18°48	20°34	6°24	0°43	23°16	23°19	23° 3	21°31	10°33	n.a.	M 7
T 8	2 23 39	5°27'07	10♋28	25°50	22°22	19°28	20°45	6°26	0°44	23°17	23°20	22°59	21°28	10°39	n.a.	T 8
W 9	2 27 36	6°28'22	24°39	26°47	23°18	20° 7	20°56	6°28	0°45	23°18	23°22	22°56	21°25	10°46	n.a.	W 9
T 10	2 31 32	7°29'37	8♌27	27°38	24°13	20°46	21° 7	6°30	0°46	23°19	23°23	22°D56	21°22	10°53	n.a.	T 10
F 11	2 35 29	8°30'54	21°52	28°22	25° 7	21°25	21°18	6°32	0°47	23°20	23°24	22°56	21°19	11° 0	n.a.	F 11
S 12	2 39 25	9°32'10	4♍58	29° 0	26° 1	22° 4	21°29	6°34	0°48	23°21	23°26	22°58	21°15	11° 6	n.a.	S 12
S 13	2 43 22	10°33'28	17°47	29°29	26°54	22°44	21°40	6°37	0°49	23°21	23°27	22°R59	21°12	11°13	n.a.	S 13
M14	2 47 18	11°34'46	0♎21	29°49	27°46	23°23	21°50	6°39	0°50	23°22	23°29	22°59	21° 9	11°20	n.a.	M14
T 15	2 51 15	12°36'05	12°45	29°R59	28°38	24° 2	22° 1	6°42	0°51	23°23	23°30	22°56	21° 6	11°26	n.a.	T 15
W16	2 55 12	13°37'24	24°59	29°59	29°29	24°41	22°12	6°45	0°53	23°24	23°32	22°52	21° 3	11°33	n.a.	W16
T 17	2 59 8	14°38'43	7♏ 6	29°47	0♑19	25°21	22°22	6°48	0°54	23°24	23°33	22°45	21° 0	11°40	n.a.	T 17
F 18	3 3 5	15°40'02	19° 7	29°24	1° 8	26° 0	22°32	6°51	0°55	23°25	23°35	22°35	20°56	11°47	n.a.	F 18
S 19	3 7 1	16°41'22	1♐ 3	28°49	1°56	26°39	22°42	6°54	0°57	23°26	23°36	22°24	20°53	11°53	n.a.	S 19
S 20	3 10 58	17°42'41	12°56	28° 2	2°44	27°18	22°52	6°57	0°58	23°26	23°38	22°13	20°50	12° 0	n.a.	S 20
M21	3 14 54	18°44'01	24°47	27° 5	3°30	27°58	23° 2	7° 0	1° 0	23°27	23°39	22° 2	20°47	12° 7	n.a.	M21
T 22	3 18 51	19°45'20	6♑38	25°58	4°16	28°37	23°12	7° 3	1° 1	23°27	23°41	21°52	20°44	12°14	n.a.	T 22
W23	3 22 47	20°46'40	18°33	24°45	5° 1	29°16	23°22	7° 7	1° 3	23°28	23°43	21°44	20°40	12°20	n.a.	W23
T 24	3 26 44	21°47'58	0♒35	23°26	5°44	29°56	23°32	7°10	1° 4	23°28	23°44	21°39	20°37	12°27	n.a.	T 24
F 25	3 30 41	22°49'17	12°47	22° 5	6°26	0♎35	23°41	7°14	1° 6	23°29	23°46	21°37	20°34	12°34	n.a.	F 25
S 26	3 34 37	23°50'35	25°16	20°44	7° 8	1°14	23°51	7°18	1° 8	23°29	23°48	21°D36	20°31	12°40	n.a.	S 26
S 27	3 38 34	24°51'52	8♓ 4	19°26	7°48	1°53	24° 0	7°22	1°10	23°29	23°49	21°37	20°28	12°47	n.a.	S 27
M28	3 42 30	25°53'09	21°18	18°13	8°27	2°33	24°10	7°25	1°11	23°30	23°51	21°R37	20°25	12°54	n.a.	M28
T 29	3 46 27	26°54'25	5♈ 1	17° 8	9° 4	3°12	24°19	7°29	1°13	23°30	23°53	21°36	20°21	13° 1	n.a.	T 29
W30	3 50 23	27♏55'41	19♈13	16♏11	9♑40	3♎51	24♍28	7♒34	1♒15	23♑30	23♐54	21♍34	20♍18	13♐ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 3	1s27	0s20	19s35	2s21	26s20	3s19	7n12	1n16	5n27	1n18	20s53	1s55	21s 3	0s43	15n22	1n25	28s43	5s 4	2n37	3n17	17s19		n.a.
W 2	11 25	3n 7	1 36	19 57	2 21	26 26	3 18	6 57	1 16	5 22	1 18	20 52	1 55	21 2	0 43	15 21	1 26	28 43	5 4	2 38	3 19	17 20		n.a.
T 3	11 47	7 38	2 48	20 18	2 20	26 30	3 17	6 41	1 15	5 18	1 18	20 52	1 55	21 2	0 43	15 21	1 26	28 43	5 4	2 39	3 20	17 21		n.a.
F 4	12 9	11 44	3 50	20 37	2 18	26 34	3 15	6 26	1 15	5 13	1 18	20 51	1 55	21 2	0 43	15 21	1 26	28 43	5 4	2 41	3 21	17 21		n.a.
S 5	12 30	15 7	4 36	20 54	2 15	26 38	3 14	6 10	1 15	5 9	1 19	20 51	1 55	21 2	0 43	15 20	1 26	28 43	5 4	2 43	3 22	17 22		n.a.
S 6	12 51	17 28	5 3	21 8	2 12	26 41	3 12	5 54	1 15	5 5	1 19	20 50	1 55	21 2	0 43	15 20	1 26	28 43	5 4	2 46	3 24	17 23		n.a.
M 7	13 12	18 37	5 9	21 21	2 8	26 43	3 10	5 39	1 15	5 0	1 19	20 50	1 54	21 2	0 43	15 20	1 26	28 43	5 4	2 48	3 25	17 24		n.a.
T 8	13 33	18 30	4 55	21 31	2 2	26 44	3 8	5 23	1 15	4 56	1 19	20 49	1 54	21 1	0 43	15 20	1 26	28 43	5 4	2 50	3 26	17 25		n.a.
W 9	13 54	17 13	4 24	21 38	1 56	26 45	3 6	5 7	1 15	4 51	1 19	20 48	1 54	21 1	0 43	15 19	1 26	28 43	5 4	2 51	3 27	17 25		n.a.
T 10	14 14	14 57	3 37	21 43	1 48	26 45	3 3	4 52	1 15	4 47	1 19	20 48	1 54	21 1	0 43	15 19	1 26	28 43	5 4	2 51	3 29	17 26		n.a.
F 11	14 34	11 55	2 40	21 44	1 39	26 45	3 1	4 36	1 15	4 43	1 19	20 47	1 54	21 1	0 43	15 19	1 26	28 43	5 4	2 51	3 30	17 27		n.a.
S 12	14 54	8 22	1 36	21 43	1 29	26 44	2 58	4 20	1 15	4 39	1 20	20 46	1 54	21 0	0 43	15 19	1 26	28 43	5 3	2 50	3 31	17 28		n.a.
S 13	15 14	4 29	0 28	21 38	1 18	26 42	2 54	4 4	1 14	4 35	1 20	20 45	1 54	21 0	0 43	15 18	1 26	28 43	5 3	2 50	3 33	17 28		n.a.
M14	15 33	0 28	0n40	21 30	1 5	26 40	2 51	3 48	1 14	4 30	1 20	20 45	1 53	21 0	0 43	15 18	1 26	28 43	5 3	2 50	3 34	17 29		n.a.
T 15	15 52	3s31	1 44	21 19	0 51	26 37	2 47	3 32	1 14	4 26	1 20	20 44	1 53	20 59	0 43	15 18	1 26	28 43	5 3	2 51	3 35	17 30		n.a.
W16	16 11	7 18	2 43	21 3	0 35	26 34	2 44	3 16	1 14	4 22	1 20	20 43	1 53	20 59	0 43	15 18	1 26	28 43	5 3	2 53	3 36	17 31		n.a.
T 17	16 30	10 44	3 34	20 44	0 18	26 29	2 40	3 0	1 14	4 18	1 20	20 42	1 53	20 59	0 43	15 18	1 26	28 43	5 3	2 56	3 38	17 31		n.a.
F 18	16 48	13 42	4 15	20 21	0 0	26 25	2 35	2 44	1 14	4 14	1 21	20 41	1 53	20 58	0 43	15 18	1 26	28 43	5 3	2 59	3 39	17 32		n.a.
S 19	17 6	16 5	4 44	19 55	0n19	26 20	2 31	2 28	1 14	4 10	1 21	20 40	1 53	20 58	0 43	15 17	1 26	28 44	5 3	3 4	3 40	17 33		n.a.
S 20	17 24	17 45	5 0	19 25	0 39	26 14	2 26	2 12	1 13	4 6	1 21	20 39	1 53	20 58	0 43	15 17	1 27	28 44	5 3	3 8	3 41	17 34		n.a.
M21	17 41	18 40	5 4	18 52	0 59	26 8	2 21	1 56	1 13	4 3	1 21	20 38	1 52	20 57	0 42	15 17	1 27	28 44	5 3	3 13	3 43	17 34		n.a.
T 22	17 58	18 46	4 54	18 17	1 19	26 1	2 15	1 40	1 13	3 59	1 21	20 37	1 52	20 57	0 42	15 17	1 27	28 44	5 3	3 17	3 44	17 35		n.a.
W23	18 15	18 2	4 32	17 40	1 39	25 54	2 9	1 24	1 13	3 55	1 21	20 36	1 52	20 57	0 42	15 17	1 27	28 44	5 3	3 20	3 45	17 36		n.a.
T 24	18 31	16 30	3 58	17 3	1 57	25 46	2 4	1 8	1 13	3 51	1 22	20 35	1 52	20 56	0 42	15 17	1 27	28 44	5 3	3 22	3 47	17 37		n.a.
F 25	18 47	14 11	3 12	16 25	2 14	25 38	1 57	0 52	1 13	3 48	1 22	20 34	1 52	20 56	0 42	15 17	1 27	28 44	5 3	3 23	3 48	17 37		n.a.
S 26	19 2	11 11	2 16	15 50	2 30	25 29	1 51	0 36	1 12	3 44	1 22	20 33	1 52	20 55	0 42	15 17	1 27	28 44	5 3	3 23	3 49	17 38		n.a.
S 27	19 18	7 34	1 12	15 16	2 43	25 20	1 44	0 20	1 12	3 40	1 22	20 32	1 52	20 55	0 42	15 17	1 27	28 44	5 3	3 23	3 50	17 39		n.a.
M28	19 33	3 29	0 2	14 46	2 54	25 10	1 37	0 4	1 12	3 37	1 22	20 31	1 52	20 55	0 42	15 17	1 27	28 44	5 3	3 23	3 52	17 39		n.a.
T 29	19 47	0n57	1s11	14 19	3 2	25 0	1 29	0s12	1 12	3 33	1 23	20 30	1 51	20 54	0 42	15 16	1 27	28 44	5 3	3 23	3 53	17 40		n.a.
W30	20s 1	5n28	2s21	13s57	3n 8	24s50	1s22	0s28	1n11	3n30	1n23	20s28	1s51	20s54	0s42	15n16	1n27	28s44	5s 3	3n24	3n54	17s41		n.a.

Julian Day Number = 1288175.5, Delta T = 08h01m44s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'52, Lahiri = -20°19'52 Julian Calendar 1 Nov. 1187 BCE == Greg. Calendar 21 Oct. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1187 BCE
geocentric

DECEMBER 1187 BCE (-1186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 20	28♏56'56	3♉54	15°R23	10♊15	4♎31	24♍37	7♒38	1♒17	23♑30	23♐56	21°R28	20♍15	13♐14	n.a.	T 1
F 2	3 58 16	29°58'11	18°58	14♏45	10°48	5°10	24°45	7°42	1°19	23°30	23°58	21♍20	20°12	13°21	n.a.	F 2
S 3	4 2 13	0♐59'25	4♊16	14°17	11°20	5°49	24°54	7°46	1°21	23°31	24° 0	21°10	20° 9	13°27	n.a.	S 3
S 4	4 6 10	2° 0'38	19°36	13°59	11°50	6°29	25° 3	7°51	1°23	23°31	24° 1	20°59	20° 5	13°34	n.a.	S 4
M 5	4 10 6	3° 1'52	4♋48	13°D50	12°18	7° 8	25°11	7°55	1°25	23°31	24° 3	20°48	20° 2	13°41	n.a.	M 5
T 6	4 14 3	4° 3'05	19°42	13°50	12°45	7°47	25°19	8° 0	1°28	23°R31	24° 5	20°40	19°59	13°48	n.a.	T 6
W 7	4 17 59	5° 4'17	4♌ 9	13°59	13°10	8°27	25°27	8° 5	1°30	23°31	24° 7	20°34	19°56	13°54	n.a.	W 7
T 8	4 21 56	6° 5'29	18° 8	14°15	13°33	9° 6	25°36	8° 9	1°32	23°31	24° 9	20°31	19°53	14° 1	n.a.	T 8
F 9	4 25 52	7° 6'41	1♍38	14°38	13°54	9°45	25°43	8°14	1°34	23°31	24°10	20°29	19°50	14° 8	n.a.	F 9
S 10	4 29 49	8° 7'52	14°43	15° 7	14°13	10°25	25°51	8°19	1°37	23°30	24°12	20°29	19°46	14°15	n.a.	S 10
S 11	4 33 46	9° 9'02	27°26	15°42	14°31	11° 4	25°59	8°24	1°39	23°30	24°14	20°29	19°43	14°21	n.a.	S 11
M12	4 37 42	10°10'12	9♎52	16°23	14°46	11°44	26° 6	8°29	1°41	23°30	24°16	20°28	19°40	14°28	n.a.	M12
T 13	4 41 39	11°11'22	22° 4	17° 8	14°59	12°23	26°14	8°34	1°44	23°30	24°18	20°24	19°37	14°35	n.a.	T 13
W14	4 45 35	12°12'31	4♏ 8	17°57	15°10	13° 2	26°21	8°40	1°46	23°30	24°20	20°18	19°34	14°41	n.a.	W14
T 15	4 49 32	13°13'39	16° 5	18°50	15°18	13°42	26°28	8°45	1°49	23°29	24°21	20° 8	19°31	14°48	n.a.	T 15
F 16	4 53 28	14°14'46	28° 0	19°47	15°24	14°21	26°35	8°50	1°51	23°29	24°23	19°55	19°27	14°55	n.a.	F 16
S 17	4 57 25	15°15'52	9♐52	20°46	15°28	15° 0	26°42	8°56	1°54	23°29	24°25	19°40	19°24	15° 2	n.a.	S 17
S 18	5 1 21	16°16'58	21°44	21°49	15°R29	15°40	26°48	9° 1	1°56	23°28	24°27	19°25	19°21	15° 8	n.a.	S 18
M19	5 5 18	17°18'02	3♑37	22°54	15°28	16°19	26°55	9° 7	1°59	23°28	24°29	19°10	19°18	15°15	n.a.	M19
T 20	5 9 15	18°19'05	15°32	24° 1	15°25	16°58	27° 1	9°13	2° 2	23°28	24°31	18°57	19°15	15°22	n.a.	T 20
W21	5 13 11	19°20'07	27°31	25°10	15°19	17°38	27° 7	9°18	2° 4	23°27	24°33	18°46	19°11	15°29	n.a.	W21
T 22	5 17 8	20°21'07	9♒36	26°22	15°10	18°17	27°14	9°24	2° 7	23°27	24°34	18°38	19° 8	15°35	n.a.	T 22
F 23	5 21 4	21°22'07	21°51	27°35	14°59	18°57	27°19	9°30	2°10	23°26	24°36	18°33	19° 5	15°42	n.a.	F 23
S 24	5 25 1	22°23'04	4♓18	28°50	14°45	19°36	27°25	9°36	2°13	23°25	24°38	18°31	19° 2	15°49	n.a.	S 24
S 25	5 28 57	23°24'00	17° 3	0♐ 6	14°29	20°15	27°31	9°42	2°15	23°25	24°40	18°31	18°59	15°55	n.a.	S 25
M26	5 32 54	24°24'54	0♈ 9	1°24	14°10	20°55	27°36	9°48	2°18	23°24	24°42	18°31	18°56	16° 2	n.a.	M26
T 27	5 36 51	25°25'47	13°41	2°43	13°49	21°34	27°41	9°54	2°21	23°23	24°44	18°30	18°52	16° 9	n.a.	T 27
W28	5 40 47	26°26'38	27°40	4° 3	13°25	22°13	27°46	10° 0	2°24	23°23	24°46	18°27	18°49	16°16	n.a.	W28
T 29	5 44 44	27°27'28	12♉ 8	5°25	13° 0	22°53	27°51	10° 7	2°27	23°22	24°48	18°21	18°46	16°22	n.a.	T 29
F 30	5 48 40	28°28'15	27° 2	6°47	12°32	23°32	27°56	10°13	2°30	23°21	24°49	18°13	18°43	16°29	n.a.	F 30
S 31	5 52 37	29♐29'02	12♊13	8♐11	12♑ 2	24♎11	28♍ 1	10♒19	2♒33	23♑21	24♐51	18♍ 3	18♍40	16♐36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s15	9n49	3s25	13s39	3n12	24s39	1s14	0s44	1n11	3n26	1n23	20s27	1s51	20s53	0s42	15n16	1n27	28s45	5s 3	3n26	3n55	17s42		n.a.
F 2	20 29	13 39	4 16	13 27	3 14	24 28	1 5	1 0	1 11	3 23	1 23	20 26	1 51	20 53	0 42	15 16	1 27	28 45	5 3	3 30	3 57	17 42		n.a.
S 3	20 42	16 37	4 49	13 18	3 14	24 17	0 56	1 16	1 11	3 20	1 23	20 25	1 51	20 52	0 42	15 16	1 27	28 45	5 3	3 34	3 58	17 43		n.a.
S 4	20 54	18 24	5 2	13 14	3 12	24 5	0 47	1 32	1 11	3 16	1 23	20 23	1 51	20 52	0 42	15 16	1 27	28 45	5 3	3 38	3 59	17 44		n.a.
M 5	21 6	18 52	4 53	13 15	3 9	23 53	0 38	1 48	1 10	3 13	1 24	20 22	1 51	20 51	0 42	15 17	1 27	28 45	5 3	3 42	4 0	17 44		n.a.
T 6	21 18	18 0	4 24	13 19	3 5	23 41	0 28	2 4	1 10	3 10	1 24	20 21	1 51	20 51	0 42	15 17	1 27	28 45	5 4	3 45	4 2	17 45		n.a.
W 7	21 30	15 59	3 39	13 26	3 0	23 28	0 18	2 20	1 10	3 7	1 24	20 19	1 51	20 50	0 42	15 17	1 28	28 45	5 4	3 48	4 3	17 46		n.a.
T 8	21 41	13 4	2 42	13 37	2 54	23 15	0 7	2 36	1 9	3 4	1 24	20 18	1 50	20 50	0 42	15 17	1 28	28 45	5 4	3 49	4 4	17 47		n.a.
F 9	21 51	9 32	1 38	13 50	2 47	23 2	0n 3	2 52	1 9	3 1	1 25	20 17	1 50	20 49	0 42	15 17	1 28	28 45	5 4	3 50	4 6	17 47		n.a.
S 10	22 1	5 39	0 31	14 6	2 40	22 49	0 15	3 8	1 9	2 58	1 25	20 15	1 50	20 49	0 42	15 17	1 28	28 46	5 4	3 50	4 7	17 48		n.a.
S 11	22 11	1 36	0n37	14 24	2 32	22 36	0 26	3 24	1 9	2 55	1 25	20 14	1 50	20 48	0 42	15 17	1 28	28 46	5 4	3 50	4 8	17 49		n.a.
M12	22 20	2s26	1 41	14 43	2 24	22 22	0 38	3 40	1 8	2 52	1 25	20 12	1 50	20 47	0 42	15 17	1 28	28 46	5 4	3 50	4 9	17 49		n.a.
T 13	22 29	6 17	2 39	15 4	2 15	22 9	0 50	3 56	1 8	2 50	1 25	20 11	1 50	20 47	0 42	15 17	1 28	28 46	5 4	3 52	4 11	17 50		n.a.
W14	22 38	9 50	3 29	15 26	2 6	21 55	1 3	4 12	1 8	2 47	1 26	20 9	1 50	20 46	0 42	15 17	1 28	28 46	5 4	3 54	4 12	17 51		n.a.
T 15	22 46	12 57	4 9	15 50	1 58	21 41	1 16	4 27	1 7	2 44	1 26	20 8	1 50	20 46	0 42	15 18	1 28	28 46	5 4	3 58	4 13	17 51		n.a.
F 16	22 53	15 31	4 38	16 14	1 49	21 28	1 29	4 43	1 7	2 42	1 26	20 6	1 50	20 45	0 42	15 18	1 28	28 46	5 4	4 3	4 14	17 52		n.a.
S 17	23 0	17 26	4 55	16 38	1 40	21 14	1 42	4 59	1 7	2 39	1 26	20 5	1 50	20 45	0 42	15 18	1 28	28 46	5 4	4 9	4 16	17 53		n.a.
S 18	23 7	18 36	4 59	17 4	1 31	21 0	1 56	5 15	1 6	2 37	1 27	20 3	1 49	20 44	0 42	15 18	1 28	28 47	5 4	4 15	4 17	17 53		n.a.
M19	23 13	18 57	4 50	17 29	1 22	20 46	2 10	5 30	1 6	2 34	1 27	20 1	1 49	20 43	0 42	15 18	1 28	28 47	5 4	4 21	4 18	17 54		n.a.
T 20	23 19	18 28	4 28	17 55	1 13	20 32	2 24	5 46	1 6	2 32	1 27	20 0	1 49	20 43	0 42	15 18	1 28	28 47	5 4	4 27	4 19	17 55		n.a.
W21	23 24	17 10	3 54	18 21	1 4	20 19	2 39	6 2	1 5	2 30	1 27	19 58	1 49	20 42	0 42	15 19	1 28	28 47	5 4	4 31	4 21	17 55		n.a.
T 22	23 29	15 5	3 10	18 46	0 55	20 5	2 53	6 17	1 5	2 27	1 27	19 57	1 49	20 41	0 42	15 19	1 28	28 47	5 4	4 34	4 22	17 56		n.a.
F 23	23 33	12 19	2 16	19 12	0 46	19 52	3 8	6 33	1 5	2 25	1 28	19 55	1 49	20 41	0 42	15 19	1 28	28 47	5 4	4 36	4 23	17 57		n.a.
S 24	23 37	8 56	1 14	19 37	0 37	19 38	3 23	6 48	1 4	2 23	1 28	19 53	1 49	20 40	0 42	15 19	1 28	28 47	5 4	4 37	4 25	17 57		n.a.
S 25	23 40	5 5	0 8	20 2	0 29	19 25	3 38	7 4	1 4	2 21	1 28	19 51	1 49	20 39	0 42	15 20	1 29	28 48	5 4	4 37	4 26	17 58		n.a.
M26	23 43	0 52	1s 1	20 27	0 20	19 12	3 53	7 19	1 3	2 19	1 28	19 50	1 49	20 39	0 42	15 20	1 29	28 48	5 5	4 37	4 27	17 59		n.a.
T 27	23 45	3n31	2 9	20 51	0 12	18 59	4 8	7 34	1 3	2 17	1 29	19 48	1 49	20 38	0 42	15 20	1 29	28 48	5 5	4 37	4 28	17 59		n.a.
W28	23 47	7 51	3 11	21 15	0 4	18 47	4 23	7 50	1 2	2 15	1 29	19 46	1 49	20 37	0 42	15 20	1 29	28 48	5 5	4 38	4 30	18 0		n.a.
T 29	23 48	11 52	4 3	21 37	0s 4	18 35	4 38	8 5	1 2	2 14	1 29	19 44	1 49	20 37	0 42	15 21	1 29	28 48	5 5	4 41	4 31	18 0		n.a.
F 30	23 49	15 16	4 41	22 0	0 12	18 23	4 52	8 20	1 2	2 12	1 29	19 43	1 48	20 36	0 42	15 21	1 29	28 48	5 5	4 44	4 32	18 1		n.a.
S 31	23s50	17n41	4s59	22s21	0s19	18s12	5n 6	8s35	1n 1	2n10	1n30	19s41	1s48	20s35	0s42	15n21	1n29	28s49	5s 5	4n48	4n33	18s 2		n.a.

Julian Day Number = 1288205.5, Delta T = 08h01m42s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'48, Lahiri = -20°19'47 Julian Calendar 1 Dec. 1187 BCE == Greg. Calendar 20 Nov. 1187 BCE

The year -1186 astronomical counting style corresponds to year 1187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

JANUARY 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 33	0♉29'46	27♊34	9♐36	11°R31	24♎51	28♍ 5	10♒26	2♒36	23°R20	24♐53	17°R51	18♍37	16♐42	n.a.	S 1
M 2	6 0 30	1°30'29	12♋52	11° 2	10♉58	25°30	28° 9	10°32	2°39	23♏19	24°55	17♍41	18°33	16°49	n.a.	M 2
T 3	6 4 26	2°31'11	27°55	12°29	10°23	26° 9	28°13	10°39	2°42	23°18	24°57	17°31	18°30	16°56	n.a.	T 3
W 4	6 8 23	3°31'51	12♏35	13°56	9°48	26°48	28°17	10°45	2°45	23°17	24°59	17°25	18°27	17° 3	n.a.	W 4
T 5	6 12 20	4°32'30	26°46	15°25	9°11	27°28	28°21	10°52	2°48	23°16	25° 1	17°21	18°24	17° 9	n.a.	T 5
F 6	6 16 16	5°33'07	10♍27	16°55	8°34	28° 7	28°25	10°58	2°51	23°15	25° 3	17°19	18°21	17°16	n.a.	F 6
S 7	6 20 13	6°33'43	23°40	18°26	7°57	28°46	28°28	11° 5	2°55	23°14	25° 4	17°D19	18°17	17°23	n.a.	S 7
S 8	6 24 9	7°34'17	6♎27	19°57	7°19	29°26	28°31	11°12	2°58	23°13	25° 6	17°R19	18°14	17°30	n.a.	S 8
M 9	6 28 6	8°34'50	18°54	21°29	6°41	0♏ 5	28°34	11°19	3° 1	23°12	25° 8	17°19	18°11	17°36	n.a.	M 9
T 10	6 32 2	9°35'22	1♏ 5	23° 3	6° 4	0°44	28°37	11°25	3° 4	23°11	25°10	17°16	18° 8	17°43	n.a.	T 10
W11	6 35 59	10°35'52	13° 5	24°37	5°28	1°24	28°40	11°32	3° 7	23°10	25°12	17°12	18° 5	17°50	n.a.	W11
T 12	6 39 55	11°36'20	24°59	26°12	4°52	2° 3	28°42	11°39	3°10	23° 9	25°14	17° 4	18° 2	17°56	n.a.	T 12
F 13	6 43 52	12°36'47	6♐50	27°48	4°18	2°42	28°45	11°46	3°14	23° 8	25°15	16°54	17°58	18° 3	n.a.	F 13
S 14	6 47 49	13°37'13	18°41	29°25	3°44	3°21	28°47	11°53	3°17	23° 7	25°17	16°42	17°55	18°10	n.a.	S 14
S 15	6 51 45	14°37'36	0♉34	1♉ 3	3°13	4° 1	28°49	12° 0	3°20	23° 5	25°19	16°30	17°52	18°17	n.a.	S 15
M16	6 55 42	15°37'58	12°31	2°42	2°43	4°40	28°50	12° 7	3°24	23° 4	25°21	16°17	17°49	18°23	n.a.	M16
T 17	6 59 38	16°38'18	24°33	4°22	2°15	5°19	28°52	12°14	3°27	23° 3	25°23	16° 7	17°46	18°30	n.a.	T 17
W18	7 3 35	17°38'36	6♒42	6° 3	1°49	5°58	28°53	12°22	3°30	23° 2	25°24	15°58	17°43	18°37	n.a.	W18
T 19	7 7 31	18°38'52	18°58	7°45	1°25	6°37	28°54	12°29	3°34	23° 0	25°26	15°52	17°39	18°44	n.a.	T 19
F 20	7 11 28	19°39'06	1♓23	9°28	1° 3	7°17	28°55	12°36	3°37	22°59	25°28	15°48	17°36	18°50	n.a.	F 20
S 21	7 15 24	20°39'17	13°59	11°12	0°44	7°56	28°56	12°43	3°40	22°58	25°30	15°D47	17°33	18°57	n.a.	S 21
S 22	7 19 21	21°39'27	26°50	12°56	0°26	8°35	28°57	12°50	3°44	22°56	25°31	15°47	17°30	19° 4	n.a.	S 22
M23	7 23 18	22°39'34	9♈58	14°42	0°12	9°14	28°57	12°58	3°47	22°55	25°33	15°48	17°27	19°10	n.a.	M23
T 24	7 27 14	23°39'39	23°25	16°29	29♐59	9°53	28°57	13° 5	3°50	22°54	25°35	15°R49	17°23	19°17	n.a.	T 24
W25	7 31 11	24°39'41	7♉15	18°18	29°50	10°32	28°R57	13°12	3°54	22°52	25°36	15°48	17°20	19°24	n.a.	W25
T 26	7 35 7	25°39'41	21°28	20° 7	29°43	11°11	28°57	13°20	3°57	22°51	25°38	15°45	17°17	19°31	n.a.	T 26
F 27	7 39 4	26°39'39	6♊ 2	21°57	29°38	11°50	28°57	13°27	4° 0	22°50	25°40	15°41	17°14	19°37	n.a.	F 27
S 28	7 43 0	27°39'35	20°53	23°48	29°D36	12°29	28°56	13°34	4° 4	22°48	25°41	15°34	17°11	19°44	n.a.	S 28
S 29	7 46 57	28°39'28	5♋54	25°41	29°36	13° 8	28°56	13°42	4° 7	22°47	25°43	15°27	17° 8	19°51	n.a.	S 29
M30	7 50 53	29°39'19	20°57	27°34	29°38	13°47	28°55	13°49	4°11	22°45	25°45	15°20	17° 4	19°58	n.a.	M30
T 31	7 54 50	0♒39'08	5♏51	29♉28	29♐43	14♏26	28♍54	13♒57	4♒14	22♏44	25♐46	15♍14	17♍ 1	20♐ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23 s50	18n52	4 s56	22 s42	0 s27	18 s 0	5n20	8 s50	1n 1	2n 9	1n30	19 s39	1 s48	20 s35	0 s42	15n22	1n29	28 s49	5 s 5	4n53	4n35	18 s 2			n.a.
M 2	23 49	18 41	4 33	23 2	0 34	17 50	5 34	9 5	1 0	2 7	1 30	19 37	1 48	20 34	0 42	15 22	1 29	28 49	5 5	4 57	4 36	18 3			n.a.
T 3	23 49	17 10	3 50	23 20	0 41	17 39	5 47	9 20	1 0	2 6	1 30	19 35	1 48	20 33	0 41	15 22	1 29	28 49	5 5	5 1	4 37	18 4			n.a.
W 4	23 47	14 33	2 53	23 38	0 48	17 30	5 59	9 35	0 59	2 4	1 31	19 33	1 48	20 32	0 41	15 23	1 29	28 49	5 5	5 3	4 38	18 4			n.a.
T 5	23 45	11 8	1 47	23 55	0 54	17 20	6 11	9 50	0 59	2 3	1 31	19 31	1 48	20 32	0 41	15 23	1 29	28 49	5 5	5 5	4 40	18 5			n.a.
F 6	23 43	7 13	0 36	24 11	1 1	17 12	6 22	10 4	0 58	2 2	1 31	19 30	1 48	20 31	0 41	15 23	1 29	28 50	5 5	5 5	4 41	18 5			n.a.
S 7	23 40	3 4	0n34	24 26	1 7	17 3	6 33	10 19	0 58	2 1	1 32	19 28	1 48	20 30	0 41	15 24	1 29	28 50	5 6	5 5	4 42	18 6			n.a.
S 8	23 37	1 s 5	1 40	24 39	1 12	16 56	6 42	10 34	0 57	2 0	1 32	19 26	1 48	20 29	0 41	15 24	1 29	28 50	5 6	5 5	4 43	18 7			n.a.
M 9	23 33	5 4	2 39	24 51	1 18	16 49	6 51	10 48	0 57	1 59	1 32	19 24	1 48	20 29	0 41	15 25	1 29	28 50	5 6	5 5	4 45	18 7			n.a.
T 10	23 29	8 45	3 30	25 2	1 23	16 42	6 59	11 3	0 56	1 58	1 32	19 22	1 48	20 28	0 41	15 25	1 29	28 50	5 6	5 6	4 46	18 8			n.a.
W11	23 24	12 2	4 11	25 11	1 28	16 37	7 7	11 17	0 55	1 57	1 33	19 20	1 48	20 27	0 41	15 25	1 29	28 50	5 6	5 8	4 47	18 8			n.a.
T 12	23 19	14 47	4 41	25 19	1 33	16 32	7 13	11 31	0 55	1 56	1 33	19 18	1 48	20 26	0 41	15 26	1 29	28 51	5 6	5 11	4 49	18 9			n.a.
F 13	23 13	16 55	4 58	25 26	1 37	16 27	7 19	11 46	0 54	1 56	1 33	19 16	1 48	20 26	0 41	15 26	1 29	28 51	5 6	5 15	4 50	18 10			n.a.
S 14	23 7	18 19	5 2	25 31	1 41	16 24	7 23	12 0	0 54	1 55	1 33	19 14	1 48	20 25	0 41	15 27	1 30	28 51	5 6	5 20	4 51	18 10			n.a.
S 15	23 1	18 56	4 54	25 35	1 45	16 21	7 27	12 14	0 53	1 55	1 34	19 12	1 48	20 24	0 41	15 27	1 30	28 51	5 6	5 25	4 52	18 11			n.a.
M16	22 54	18 43	4 32	25 37	1 48	16 18	7 30	12 28	0 52	1 54	1 34	19 10	1 48	20 23	0 41	15 28	1 30	28 51	5 7	5 30	4 54	18 11			n.a.
T 17	22 47	17 40	3 58	25 37	1 51	16 17	7 32	12 42	0 52	1 54	1 34	19 8	1 48	20 22	0 41	15 28	1 30	28 52	5 7	5 34	4 55	18 12			n.a.
W18	22 39	15 48	3 13	25 35	1 54	16 16	7 34	12 56	0 51	1 53	1 34	19 6	1 48	20 22	0 41	15 28	1 30	28 52	5 7	5 37	4 56	18 13			n.a.
T 19	22 31	13 12	2 18	25 32	1 56	16 15	7 34	13 9	0 51	1 53	1 35	19 3	1 48	20 21	0 41	15 29	1 30	28 52	5 7	5 40	4 57	18 13			n.a.
F 20	22 22	9 58	1 16	25 27	1 58	16 16	7 34	13 23	0 50	1 53	1 35	19 1	1 48	20 20	0 41	15 29	1 30	28 52	5 7	5 41	4 59	18 14			n.a.
S 21	22 13	6 15	0 10	25 20	2 0	16 17	7 33	13 36	0 49	1 53	1 35	18 59	1 48	20 19	0 41	15 30	1 30	28 52	5 7	5 42	5 0	18 14			n.a.
S 22	22 3	2 11	0 s59	25 12	2 1	16 18	7 32	13 50	0 48	1 53	1 35	18 57	1 48	20 18	0 41	15 30	1 30	28 53	5 7	5 42	5 1	18 15			n.a.
M23	21 54	2n 5	2 6	25 1	2 1	16 21	7 29	14 3	0 48	1 53	1 36	18 55	1 48	20 18	0 41	15 31	1 30	28 53	5 7	5 41	5 2	18 15			n.a.
T 24	21 43	6 20	3 8	24 48	2 2	16 23	7 27	14 16	0 47	1 53	1 36	18 53	1 48	20 17	0 41	15 31	1 30	28 53	5 8	5 41	5 4	18 16			n.a.
W25	21 33	10 22	4 1	24 34	2 1	16 27	7 23	14 30	0 46	1 53	1 36	18 51	1 48	20 16	0 41	15 32	1 30	28 53	5 8	5 41	5 5	18 17			n.a.
T 26	21 22	13 55	4 40	24 17	2 1	16 31	7 19	14 43	0 46	1 54	1 37	18 49	1 48	20 15	0 41	15 32	1 30	28 53	5 8	5 42	5 6	18 17			n.a.
F 27	21 10	16 42	5 3	23 58	1 59	16 35	7 15	14 56	0 45	1 54	1 37	18 46	1 48	20 14	0 41	15 33	1 30	28 54	5 8	5 44	5 7	18 18			n.a.
S 28	20 58	18 25	5 6	23 38	1 58	16 40	7 10	15 8	0 44	1 54	1 37	18 44	1 48	20 13	0 41	15 33	1 30	28 54	5 8	5 47	5 9	18 18			n.a.
S 29	20 46	18 54	4 48	23 15	1 55	16 45	7 5	15 21	0 43	1 55	1 37	18 42	1 48	20 13	0 41	15 34	1 30	28 54	5 8	5 50	5 10	18 19			n.a.
M30	20 33	18 3	4 10	22 50	1 53	16 50	7 0	15 34	0 42	1 56	1 38	18 40	1 48	20 12	0 41	15 34	1 30	28 54	5 9	5 52	5 11	18 19			n.a.
T 31	20 s20	15n57	3 s16	22 s23	1 s49	16 s56	6n54	15 s46	0n42	1n56	1n38	18 s38	1 s48	20 s11	0 s41	15n35	1n30	28 s54	5 s 9	5n55	5n12	18 s20			n.a.

Julian Day Number = 1288236.5, Delta T = 08h01m41s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'44, Lahiri = -20°19'43 Julian Calendar 1 Jan. 1186 BCE == Greg. Calendar 21 Dec. 1187 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

FEBRUARY 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 58 47	1♒38'55	20♌28	1♒24	29♐50	15♏ 5	28°R53	14♒ 4	4♒18	22°R42	25♐48	15°R 9	16♍58	20♐11	n.a.	W 1
T 2	8 2 43	2°38'40	4♍42	3°20	29°59	15°44	28♍51	14°12	4°21	22♌41	25°49	15♍ 7	16°55	20°18	n.a.	T 2
F 3	8 6 40	3°38'23	18°29	5°17	0♑11	16°23	28°49	14°19	4°24	22°39	25°51	15°D 7	16°52	20°24	n.a.	F 3
S 4	8 10 36	4°38'04	1♎49	7°15	0°25	17° 2	28°48	14°27	4°28	22°38	25°53	15° 7	16°49	20°31	n.a.	S 4
S 5	8 14 33	5°37'42	14°43	9°14	0°41	17°41	28°46	14°34	4°31	22°36	25°54	15° 9	16°45	20°38	n.a.	S 5
M 6	8 18 29	6°37'19	27°16	11°13	0°58	18°20	28°43	14°42	4°35	22°34	25°56	15°10	16°42	20°45	n.a.	M 6
T 7	8 22 26	7°36'55	9♏31	13°12	1°18	18°58	28°41	14°50	4°38	22°33	25°57	15°R11	16°39	20°51	n.a.	T 7
W 8	8 26 22	8°36'28	21°33	15°12	1°40	19°37	28°38	14°57	4°41	22°31	25°59	15°10	16°36	20°58	n.a.	W 8
T 9	8 30 19	9°35'59	3♐28	17°12	2° 3	20°16	28°36	15° 5	4°45	22°30	26° 0	15° 7	16°33	21° 5	n.a.	T 9
F 10	8 34 15	10°35'29	15°19	19°11	2°28	20°55	28°33	15°12	4°48	22°28	26° 1	15° 3	16°29	21°12	n.a.	F 10
S 11	8 38 12	11°34'56	27°11	21°10	2°55	21°33	28°30	15°20	4°52	22°27	26° 3	14°58	16°26	21°18	n.a.	S 11
S 12	8 42 9	12°34'22	9♑ 7	23° 8	3°23	22°12	28°26	15°28	4°55	22°25	26° 4	14°52	16°23	21°25	n.a.	S 12
M13	8 46 5	13°33'46	21° 9	25° 4	3°53	22°51	28°23	15°35	4°59	22°23	26° 6	14°46	16°20	21°32	n.a.	M13
T 14	8 50 2	14°33'07	3♒20	26°59	4°25	23°29	28°19	15°43	5° 2	22°22	26° 7	14°41	16°17	21°38	n.a.	T 14
W15	8 53 58	15°32'26	15°41	28°52	4°58	24° 8	28°16	15°50	5° 5	22°20	26° 8	14°37	16°14	21°45	n.a.	W15
T 16	8 57 55	16°31'43	28°12	0♓42	5°32	24°47	28°12	15°58	5° 9	22°18	26°10	14°34	16°10	21°52	n.a.	T 16
F 17	9 1 51	17°30'58	10♓55	2°30	6° 7	25°25	28° 7	16° 6	5°12	22°17	26°11	14°D33	16° 7	21°59	n.a.	F 17
S 18	9 5 48	18°30'10	23°50	4°14	6°44	26° 3	28° 3	16°13	5°15	22°15	26°12	14°33	16° 4	22° 5	n.a.	S 18
S 19	9 9 44	19°29'21	6♈58	5°55	7°22	26°42	27°59	16°21	5°19	22°13	26°14	14°34	16° 1	22°12	n.a.	S 19
M20	9 13 41	20°28'28	20°19	7°31	8° 1	27°20	27°54	16°28	5°22	22°12	26°15	14°36	15°58	22°19	n.a.	M20
T 21	9 17 37	21°27'33	3♉55	9° 3	8°41	27°59	27°49	16°36	5°25	22°10	26°16	14°37	15°55	22°25	n.a.	T 21
W22	9 21 34	22°26'36	17°46	10°30	9°22	28°37	27°44	16°44	5°29	22° 9	26°17	14°R38	15°51	22°32	n.a.	W22
T 23	9 25 31	23°25'37	1♊52	11°52	10° 5	29°15	27°39	16°51	5°32	22° 7	26°18	14°38	15°48	22°39	n.a.	T 23
F 24	9 29 27	24°24'35	16°10	13° 9	10°48	29°53	27°34	16°59	5°35	22° 5	26°20	14°37	15°45	22°46	n.a.	F 24
S 25	9 33 24	25°23'30	0♋39	14°19	11°32	0♐31	27°29	17° 6	5°39	22° 4	26°21	14°35	15°42	22°52	n.a.	S 25
S 26	9 37 20	26°22'23	15°14	15°24	12°17	1°10	27°23	17°14	5°42	22° 2	26°22	14°33	15°39	22°59	n.a.	S 26
M27	9 41 17	27°21'14	29°50	16°23	13° 3	1°48	27°18	17°21	5°45	22° 0	26°23	14°30	15°35	23° 6	n.a.	M27
T 28	9 45 13	28♒20'02	14♌20	17♓15	13♑50	2♐26	27♍12	17♒29	5♒48	21♌59	26♐24	14♍29	15♍32	23♐13	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 7	12n52	2s 9	21s53	1s45	17s 2	6n48	15s59	0n41	1n57	1n38	18s35	1s48	20s10	0s41	15n35	1n30	28s55	5s 9	5n57	5n14	18s20		n.a.
T 2	19 53	9 4	0 56	21 22	1 41	17 9	6 41	16 11	0 40	1 58	1 38	18 33	1 48	20 9	0 41	15 36	1 30	28 55	5 9	5 57	5 15	18 21		n.a.
F 3	19 39	4 54	0n18	20 48	1 36	17 16	6 34	16 23	0 39	1 59	1 39	18 31	1 48	20 9	0 41	15 36	1 30	28 55	5 9	5 58	5 16	18 21		n.a.
S 4	19 25	0 38	1 29	20 13	1 30	17 22	6 28	16 35	0 38	2 0	1 39	18 29	1 48	20 8	0 41	15 37	1 30	28 55	5 9	5 57	5 17	18 22		n.a.
S 5	19 10	3s32	2 34	19 35	1 24	17 29	6 20	16 47	0 37	2 1	1 39	18 27	1 48	20 7	0 41	15 38	1 30	28 55	5 9	5 57	5 19	18 23		n.a.
M 6	18 55	7 25	3 29	18 55	1 17	17 37	6 13	16 59	0 36	2 2	1 39	18 24	1 48	20 6	0 41	15 38	1 30	28 56	5 10	5 56	5 20	18 23		n.a.
T 7	18 40	10 54	4 13	18 14	1 9	17 44	6 6	17 11	0 35	2 3	1 40	18 22	1 48	20 5	0 41	15 39	1 30	28 56	5 10	5 56	5 21	18 24		n.a.
W 8	18 24	13 52	4 45	17 31	1 1	17 51	5 58	17 22	0 35	2 4	1 40	18 20	1 48	20 4	0 41	15 39	1 30	28 56	5 10	5 56	5 22	18 24		n.a.
T 9	18 8	16 12	5 5	16 46	0 52	17 59	5 51	17 34	0 34	2 6	1 40	18 18	1 48	20 4	0 41	15 40	1 30	28 56	5 10	5 57	5 24	18 25		n.a.
F 10	17 52	17 51	5 11	15 59	0 43	18 6	5 43	17 45	0 33	2 7	1 40	18 15	1 48	20 3	0 41	15 40	1 30	28 57	5 10	5 59	5 25	18 25		n.a.
S 11	17 36	18 44	5 4	15 12	0 33	18 13	5 35	17 56	0 32	2 8	1 40	18 13	1 48	20 2	0 41	15 41	1 30	28 57	5 10	6 1	5 26	18 26		n.a.
S 12	17 19	18 48	4 44	14 23	0 22	18 20	5 27	18 8	0 31	2 10	1 41	18 11	1 48	20 1	0 41	15 41	1 30	28 57	5 11	6 3	5 27	18 26		n.a.
M13	17 2	18 0	4 11	13 33	0 11	18 28	5 19	18 19	0 30	2 12	1 41	18 9	1 48	20 0	0 41	15 42	1 30	28 57	5 11	6 6	5 29	18 27		n.a.
T 14	16 44	16 23	3 26	12 43	0n 0	18 35	5 11	18 29	0 29	2 13	1 41	18 6	1 48	19 59	0 41	15 43	1 30	28 57	5 11	6 8	5 30	18 27		n.a.
W15	16 26	13 59	2 32	11 52	0 12	18 41	5 3	18 40	0 28	2 15	1 41	18 4	1 48	19 59	0 41	15 43	1 31	28 58	5 11	6 9	5 31	18 28		n.a.
T 16	16 8	10 55	1 28	11 1	0 24	18 48	4 55	18 51	0 26	2 17	1 42	18 2	1 48	19 58	0 41	15 44	1 31	28 58	5 11	6 10	5 32	18 28		n.a.
F 17	15 50	7 17	0 20	10 11	0 37	18 55	4 47	19 1	0 25	2 19	1 42	17 59	1 48	19 57	0 41	15 44	1 31	28 58	5 12	6 11	5 34	18 29		n.a.
S 18	15 32	3 16	0s51	9 21	0 49	19 1	4 39	19 12	0 24	2 20	1 42	17 57	1 48	19 56	0 41	15 45	1 31	28 58	5 12	6 11	5 35	18 29		n.a.
S 19	15 13	0n58	2 0	8 32	1 2	19 7	4 31	19 22	0 23	2 22	1 42	17 55	1 48	19 55	0 41	15 45	1 31	28 59	5 12	6 10	5 36	18 30		n.a.
M20	14 54	5 14	3 4	7 44	1 15	19 13	4 23	19 32	0 22	2 24	1 42	17 53	1 48	19 54	0 41	15 46	1 31	28 59	5 12	6 10	5 38	18 30		n.a.
T 21	14 35	9 17	3 59	6 57	1 28	19 18	4 15	19 42	0 21	2 27	1 43	17 50	1 48	19 54	0 41	15 46	1 31	28 59	5 12	6 9	5 39	18 31		n.a.
W22	14 16	12 55	4 41	6 13	1 40	19 24	4 7	19 52	0 20	2 29	1 43	17 48	1 48	19 53	0 41	15 47	1 31	28 59	5 13	6 9	5 40	18 31		n.a.
T 23	13 56	15 51	5 7	5 30	1 52	19 29	3 59	20 1	0 19	2 31	1 43	17 46	1 49	19 52	0 41	15 48	1 31	28 59	5 13	6 9	5 41	18 31		n.a.
F 24	13 36	17 53	5 15	4 49	2 4	19 33	3 51	20 11	0 17	2 33	1 43	17 43	1 49	19 51	0 41	15 48	1 31	29 0	5 13	6 9	5 43	18 32		n.a.
S 25	13 16	18 47	5 3	4 11	2 16	19 37	3 43	20 20	0 16	2 36	1 43	17 41	1 49	19 50	0 41	15 49	1 31	29 0	5 13	6 10	5 44	18 32		n.a.
S 26	12 56	18 27	4 31	3 36	2 26	19 41	3 35	20 29	0 15	2 38	1 43	17 39	1 49	19 50	0 41	15 49	1 31	29 0	5 13	6 11	5 45	18 33		n.a.
M27	12 35	16 54	3 42	3 4	2 37	19 45	3 27	20 38	0 14	2 40	1 44	17 37	1 49	19 49	0 42	15 50	1 31	29 0	5 14	6 12	5 46	18 33		n.a.
T 28	12s15	14n16	2s39	2s34	2n46	19s48	3n19	20s47	0n12	2n43	1n44	17s34	1s49	19s48	0s42	15n50	1n31	29s 1	5s14	6n13	5n48	18s34		n.a.

Julian Day Number = 1288267.5, Delta T = 08h01m39s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'40, Lahiri = -20°19'39 Julian Calendar 1 Feb. 1186 BCE == Greg. Calendar 21 Jan. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

MARCH 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 49 10	29♒18'49	28♌38	18♓ 1	14♉38	3♐ 4	27°R 6	17♒36	5♒52	21°R57	26♐25	14°R27	15♍29	23♐19	n.a.	W 1
T 2	9 53 6	0♓17'32	12♍39	18°40	15°26	3°42	27♍ 0	17°44	5°55	21♌55	26°26	14°D27	15°26	23°26	n.a.	T 2
F 3	9 57 3	1°16'14	26°19	19°13	16°15	4°19	26°54	17°51	5°58	21°54	26°27	14♍27	15°23	23°33	n.a.	F 3
S 4	10 0 59	2°14'54	9♎38	19°39	17° 5	4°57	26°48	17°59	6° 1	21°52	26°28	14°28	15°20	23°39	n.a.	S 4
S 5	10 4 56	3°13'32	22°34	19°59	17°56	5°35	26°41	18° 6	6° 4	21°51	26°29	14°29	15°16	23°46	n.a.	S 5
M 6	10 8 53	4°12'08	5♏10	20°12	18°47	6°13	26°35	18°14	6° 7	21°49	26°30	14°30	15°13	23°53	n.a.	M 6
T 7	10 12 49	5°10'43	17°30	20°19	19°39	6°50	26°28	18°21	6°10	21°47	26°31	14°31	15°10	24° 0	n.a.	T 7
W 8	10 16 46	6° 9'15	29°35	20°R19	20°32	7°28	26°22	18°29	6°14	21°46	26°32	14°31	15° 7	24° 6	n.a.	W 8
T 9	10 20 42	7° 7'46	11♐33	20°13	21°25	8° 5	26°15	18°36	6°17	21°44	26°32	14°R31	15° 4	24°13	n.a.	T 9
F 10	10 24 39	8° 6'15	23°25	20° 1	22°19	8°43	26° 8	18°43	6°20	21°43	26°33	14°31	15° 0	24°20	n.a.	F 10
S 11	10 28 35	9° 4'42	5♑19	19°44	23°13	9°20	26° 1	18°51	6°23	21°41	26°34	14°30	14°57	24°26	n.a.	S 11
S 12	10 32 32	10° 3'08	17°17	19°22	24° 8	9°58	25°54	18°58	6°26	21°39	26°35	14°30	14°54	24°33	n.a.	S 12
M13	10 36 28	11° 1'32	29°23	18°55	25° 3	10°35	25°47	19° 5	6°29	21°38	26°35	14°29	14°51	24°40	n.a.	M13
T 14	10 40 25	11°59'53	11♒41	18°24	25°59	11°12	25°40	19°13	6°32	21°36	26°36	14°29	14°48	24°47	n.a.	T 14
W15	10 44 22	12°58'13	24°13	17°50	26°55	11°49	25°32	19°20	6°34	21°35	26°37	14°29	14°45	24°53	n.a.	W15
T 16	10 48 18	13°56'32	7♓ 0	17°13	27°52	12°26	25°25	19°27	6°37	21°33	26°38	14°29	14°41	25° 0	n.a.	T 16
F 17	10 52 15	14°54'48	20° 4	16°34	28°49	13° 3	25°18	19°34	6°40	21°32	26°38	14°29	14°38	25° 7	n.a.	F 17
S 18	10 56 11	15°53'02	3♈22	15°54	29°47	13°40	25°10	19°41	6°43	21°30	26°39	14°29	14°35	25°14	n.a.	S 18
S 19	11 0 8	16°51'14	16°55	15°13	0♒45	14°16	25° 3	19°48	6°46	21°29	26°39	14°28	14°32	25°20	n.a.	S 19
M20	11 4 4	17°49'24	0♉40	14°33	1°43	14°53	24°55	19°55	6°49	21°28	26°40	14°28	14°29	25°27	n.a.	M20
T 21	11 8 1	18°47'33	14°36	13°53	2°42	15°30	24°48	20° 2	6°51	21°26	26°40	14°28	14°26	25°34	n.a.	T 21
W22	11 11 57	19°45'39	28°41	13°15	3°41	16° 6	24°40	20° 9	6°54	21°25	26°41	14°27	14°22	25°40	n.a.	W22
T 23	11 15 54	20°43'43	12♊51	12°39	4°40	16°42	24°32	20°16	6°57	21°23	26°41	14°27	14°19	25°47	n.a.	T 23
F 24	11 19 50	21°41'45	27° 4	12° 6	5°40	17°19	24°25	20°23	6°59	21°22	26°42	14°D27	14°16	25°54	n.a.	F 24
S 25	11 23 47	22°39'45	11♋19	11°36	6°40	17°55	24°17	20°30	7° 2	21°21	26°42	14°27	14°13	26° 1	n.a.	S 25
S 26	11 27 44	23°37'43	25°32	11° 9	7°41	18°31	24°10	20°37	7° 5	21°19	26°43	14°28	14°10	26° 7	n.a.	S 26
M27	11 31 40	24°35'39	9♌40	10°47	8°41	19° 7	24° 2	20°44	7° 7	21°18	26°43	14°29	14° 6	26°14	n.a.	M27
T 28	11 35 37	25°33'33	23°41	10°29	9°43	19°43	23°54	20°50	7°10	21°17	26°43	14°30	14° 3	26°21	n.a.	T 28
W29	11 39 33	26°31'24	7♍32	10°16	10°44	20°18	23°47	20°57	7°12	21°15	26°44	14°R30	14° 0	26°27	n.a.	W29
T 30	11 43 30	27°29'15	21°10	10° 7	11°46	20°54	23°39	21° 4	7°15	21°14	26°44	14°30	13°57	26°34	n.a.	T 30
F 31	11 47 26	28♓27'03	4♎33	10°D 3	12♒47	21♐29	23♍31	21♒10	7♒17	21♌13	26♐44	14♍29	13♍54	26♐41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s54	10n48	1s26	2s 8	2n55	19s51	3n12	20s56	0n11	2n45	1n44	17s32	1s49	19s47	0s42	15n51	1n31	29s 1	5s14	6n13	5n49	18s34			n.a.
T 2	11 33	6 46	0 10	1 46	3 3	19 53	3 4	21 5	0 10	2 48	1 44	17 30	1 49	19 46	0 42	15 51	1 31	29 1	5 14	6 13	5 50	18 35			n.a.
F 3	11 12	2 29	1n 5	1 26	3 9	19 55	2 56	21 13	0 8	2 50	1 44	17 28	1 49	19 46	0 42	15 52	1 31	29 1	5 14	6 13	5 51	18 35			n.a.
S 4	10 51	1s49	2 15	1 11	3 15	19 56	2 49	21 22	0 7	2 53	1 44	17 25	1 49	19 45	0 42	15 52	1 31	29 2	5 15	6 13	5 53	18 36			n.a.
S 5	10 29	5 54	3 16	0 59	3 20	19 57	2 41	21 30	0 6	2 56	1 44	17 23	1 49	19 44	0 42	15 53	1 31	29 2	5 15	6 12	5 54	18 36			n.a.
M 6	10 8	9 37	4 5	0 50	3 23	19 57	2 34	21 38	0 4	2 58	1 44	17 21	1 49	19 43	0 42	15 54	1 31	29 2	5 15	6 12	5 55	18 36			n.a.
T 7	9 46	12 49	4 42	0 46	3 25	19 57	2 27	21 46	0 3	3 1	1 45	17 19	1 50	19 43	0 42	15 54	1 31	29 2	5 15	6 12	5 56	18 37			n.a.
W 8	9 24	15 25	5 6	0 45	3 26	19 56	2 19	21 54	0 1	3 4	1 45	17 16	1 50	19 42	0 42	15 55	1 31	29 3	5 15	6 12	5 58	18 37			n.a.
T 9	9 2	17 19	5 16	0 48	3 25	19 55	2 12	22 1	0s 0	3 7	1 45	17 14	1 50	19 41	0 42	15 55	1 31	29 3	5 16	6 12	5 59	18 38			n.a.
F 10	8 40	18 27	5 13	0 55	3 23	19 54	2 5	22 9	0 2	3 10	1 45	17 12	1 50	19 40	0 42	15 56	1 31	29 3	5 16	6 12	6 0	18 38			n.a.
S 11	8 18	18 47	4 56	1 5	3 19	19 52	1 58	22 16	0 3	3 13	1 45	17 10	1 50	19 40	0 42	15 56	1 31	29 3	5 16	6 12	6 1	18 39			n.a.
S 12	7 55	18 17	4 27	1 19	3 14	19 49	1 51	22 23	0 5	3 16	1 45	17 7	1 50	19 39	0 42	15 57	1 31	29 3	5 16	6 12	6 2	18 39			n.a.
M13	7 33	16 57	3 45	1 35	3 7	19 46	1 44	22 30	0 6	3 18	1 45	17 5	1 50	19 38	0 42	15 57	1 31	29 4	5 16	6 12	6 4	18 39			n.a.
T 14	7 10	14 49	2 52	1 55	2 59	19 42	1 37	22 37	0 8	3 21	1 45	17 3	1 50	19 37	0 42	15 58	1 31	29 4	5 17	6 12	6 5	18 40			n.a.
W15	6 48	11 56	1 50	2 17	2 50	19 38	1 31	22 44	0 10	3 24	1 45	17 1	1 50	19 37	0 42	15 58	1 31	29 4	5 17	6 12	6 6	18 40			n.a.
T 16	6 25	8 27	0 41	2 42	2 39	19 33	1 24	22 51	0 11	3 27	1 45	16 59	1 51	19 36	0 42	15 59	1 31	29 4	5 17	6 12	6 7	18 41			n.a.
F 17	6 2	4 28	0s31	3 8	2 27	19 28	1 18	22 57	0 13	3 30	1 45	16 56	1 51	19 35	0 42	15 59	1 31	29 5	5 17	6 12	6 9	18 41			n.a.
S 18	5 39	0 13	1 43	3 36	2 14	19 22	1 11	23 3	0 15	3 33	1 45	16 54	1 51	19 34	0 42	16 0	1 31	29 5	5 18	6 13	6 10	18 41			n.a.
S 19	5 16	4n 8	2 50	4 5	2 0	19 16	1 5	23 10	0 16	3 36	1 45	16 52	1 51	19 34	0 42	16 0	1 31	29 5	5 18	6 13	6 11	18 42			n.a.
M20	4 53	8 19	3 49	4 34	1 45	19 9	0 59	23 16	0 18	3 39	1 45	16 50	1 51	19 33	0 42	16 1	1 31	29 5	5 18	6 13	6 12	18 42			n.a.
T 21	4 30	12 6	4 35	5 4	1 29	19 2	0 52	23 21	0 20	3 43	1 45	16 48	1 51	19 32	0 42	16 1	1 31	29 6	5 18	6 13	6 14	18 43			n.a.
W22	4 7	15 14	5 5	5 34	1 13	18 54	0 46	23 27	0 22	3 46	1 45	16 46	1 51	19 32	0 42	16 1	1 31	29 6	5 18	6 13	6 15	18 43			n.a.
T 23	3 44	17 29	5 17	6 3	0 57	18 45	0 40	23 33	0 23	3 49	1 45	16 44	1 52	19 31	0 42	16 2	1 31	29 6	5 19	6 13	6 16	18 43			n.a.
F 24	3 21	18 39	5 9	6 31	0 40	18 36	0 35	23 38	0 25	3 52	1 45	16 41	1 52	19 30	0 42	16 2	1 30	29 6	5 19	6 13	6 17	18 44			n.a.
S 25	2 57	18 39	4 43	6 58	0 24	18 27	0 29	23 43	0 27	3 55	1 45	16 39	1 52	19 30	0 42	16 3	1 30	29 7	5 19	6 13	6 19	18 44			n.a.
S 26	2 34	17 28	3 59	7 23	0 7	18 17	0 23	23 49	0 29	3 58	1 45	16 37	1 52	19 29	0 42	16 3	1 30	29 7	5 19	6 13	6 20	18 45			n.a.
M27	2 11	15 13	3 1	7 47	0s 9	18 6	0 18	23 54	0 31	4 1	1 45	16 35	1 52	19 28	0 42	16 4	1 30	29 7	5 20	6 12	6 21	18 45			n.a.
T 28	1 48	12 4	1 53	8 8	0 25	17 55	0 12	23 58	0 33	4 4	1 45	16 33	1 52	19 28	0 42	16 4	1 30	29 7	5 20	6 12	6 22	18 45			n.a.
W29	1 24	8 17	0 38	8 27	0 40	17 43	0 7	24 3	0 35	4 7	1 45	16 31	1 52	19 27	0 42	16 4	1 30	29 7	5 20	6 12	6 24	18 46			n.a.
T 30	1 1	4 7	0n37	8 44	0 54	17 31	0 2	24 8	0 37	4 10	1 45	16 29	1 53	19 27	0 42	16 5	1 30	29 8	5 20	6 12	6 25	18 46			n.a.
F 31	0s38	0s11	1n49	8s59	1s 8	17s18	0s 3	24s12	0s39	4n13	1n45	16s27	1s53	19s26	0s42	16n 5	1n30	29s 8	5s21	6n12	6n26	18s46			n.a.

Julian Day Number = 1288295.5, Delta T = 08h01m38s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'36, Lahiri = -20°19'35 Julian Calendar 1 March 1186 BCE == Greg. Calendar 18 Feb. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

APRIL 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 23	29♓24'50	17♎40	10♓ 3	13♒50	22♐ 5	23°R24	21♒17	7♒20	21°R12	26♐44	14°R28	13♍51	26♐48	n.a.	S 1
S 2	11 55 19	0♈22'35	0♏30	10° 8	14°52	22°40	23♍16	21°23	7°22	21♌10	26°45	14♍26	13°47	26°54	n.a.	S 2
M 3	11 59 16	1°20'19	13° 3	10°18	15°55	23°15	23° 9	21°30	7°24	21° 9	26°45	14°24	13°44	27° 1	n.a.	M 3
T 4	12 3 12	2°18'02	25°22	10°33	16°58	23°50	23° 1	21°36	7°27	21° 8	26°45	14°21	13°41	27° 8	n.a.	T 4
W 5	12 7 9	3°15'43	7♐28	10°52	18° 1	24°25	22°54	21°43	7°29	21° 7	26°45	14°19	13°38	27°15	n.a.	W 5
T 6	12 11 6	4°13'23	19°26	11°15	19° 4	24°59	22°46	21°49	7°31	21° 6	26°45	14°17	13°35	27°21	n.a.	T 6
F 7	12 15 2	5°11'02	1♑20	11°43	20° 8	25°34	22°39	21°55	7°33	21° 5	26°45	14°D16	13°31	27°28	n.a.	F 7
S 8	12 18 59	6° 8'40	13°14	12°15	21°12	26° 8	22°32	22° 2	7°35	21° 4	26°45	14°17	13°28	27°35	n.a.	S 8
S 9	12 22 55	7° 6'17	25°12	12°51	22°16	26°43	22°24	22° 8	7°38	21° 3	26°R45	14°17	13°25	27°41	n.a.	S 9
M10	12 26 52	8° 3'52	7♒20	13°31	23°20	27°17	22°17	22°14	7°40	21° 2	26°45	14°19	13°22	27°48	n.a.	M10
T 11	12 30 48	9° 1'26	19°42	14°14	24°25	27°51	22°10	22°20	7°42	21° 1	26°45	14°21	13°19	27°55	n.a.	T 11
W12	12 34 45	9°58'59	2♓20	15° 1	25°29	28°24	22° 3	22°26	7°44	21° 0	26°45	14°22	13°16	28° 2	n.a.	W12
T 13	12 38 41	10°56'31	15°19	15°52	26°34	28°58	21°56	22°32	7°46	20°59	26°45	14°R22	13°12	28° 8	n.a.	T 13
F 14	12 42 38	11°54'02	28°39	16°46	27°39	29°31	21°49	22°38	7°48	20°58	26°45	14°22	13° 9	28°15	n.a.	F 14
S 15	12 46 35	12°51'31	12♈20	17°44	28°44	0♑ 5	21°43	22°44	7°49	20°57	26°45	14°20	13° 6	28°22	n.a.	S 15
S 16	12 50 31	13°49'00	26°19	18°44	29°50	0°38	21°36	22°49	7°51	20°56	26°45	14°16	13° 3	28°28	n.a.	S 16
M17	12 54 28	14°46'27	10♉32	19°48	0♓55	1°10	21°29	22°55	7°53	20°55	26°44	14°12	13° 0	28°35	n.a.	M17
T 18	12 58 24	15°43'53	24°55	20°55	2° 1	1°43	21°23	23° 1	7°55	20°54	26°44	14° 7	12°57	28°42	n.a.	T 18
W19	13 2 21	16°41'17	9♊22	22° 4	3° 7	2°15	21°17	23° 6	7°57	20°54	26°44	14° 3	12°53	28°49	n.a.	W19
T 20	13 6 17	17°38'41	23°48	23°17	4°13	2°47	21°10	23°12	7°58	20°53	26°44	14° 0	12°50	28°55	n.a.	T 20
F 21	13 10 14	18°36'02	8♋ 7	24°33	5°19	3°19	21° 4	23°17	8° 0	20°52	26°43	13°58	12°47	29° 2	n.a.	F 21
S 22	13 14 10	19°33'23	22°18	25°51	6°25	3°51	20°58	23°22	8° 1	20°51	26°43	13°D58	12°44	29° 9	n.a.	S 22
S 23	13 18 7	20°30'42	6♌19	27°12	7°31	4°23	20°52	23°28	8° 3	20°51	26°43	13°59	12°41	29°15	n.a.	S 23
M24	13 22 4	21°28'00	20° 8	28°35	8°38	4°54	20°47	23°33	8° 4	20°50	26°42	14° 0	12°37	29°22	n.a.	M24
T 25	13 26 0	22°25'17	3♍45	0♈ 2	9°45	5°25	20°41	23°38	8° 6	20°50	26°42	14° 1	12°34	29°29	n.a.	T 25
W26	13 29 57	23°22'32	17°11	1°31	10°51	5°56	20°36	23°43	8° 7	20°49	26°41	14°R 2	12°31	29°36	n.a.	W26
T 27	13 33 53	24°19'46	0♎24	3° 2	11°58	6°26	20°30	23°48	8° 9	20°48	26°41	14° 0	12°28	29°42	n.a.	T 27
F 28	13 37 50	25°17'00	13°25	4°37	13° 5	6°57	20°25	23°53	8°10	20°48	26°40	13°57	12°25	29°49	n.a.	F 28
S 29	13 41 46	26°14'12	26°14	6°13	14°13	7°27	20°20	23°58	8°11	20°47	26°40	13°52	12°22	29°56	n.a.	S 29
S 30	13 45 43	27♈11'24	8♏51	7♈53	15♓20	7♑56	20♍15	24♒ 3	8♒13	20♌47	26♐39	13♍46	12♍18	0♑ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s14	4s23	2n53	9s11	1s22	17s 5	0s 9	24s16	0s41	4n16	1n45	16s25	1s53	19s25	0s42	16n 6	1n30	29s 8	5s21	6n13	6n27	18s47		n.a.
S 2	0n 9	8 17	3 47	9 20	1 34	16 51	0 13	24 20	0 43	4 19	1 45	16 23	1 53	19 25	0 42	16 6	1 30	29 8	5 21	6 14	6 29	18 47		n.a.
M 3	0 32	11 44	4 29	9 27	1 46	16 37	0 18	24 25	0 45	4 22	1 45	16 21	1 53	19 24	0 42	16 6	1 30	29 9	5 21	6 14	6 30	18 48		n.a.
T 4	0 56	14 36	4 58	9 32	1 57	16 22	0 23	24 28	0 47	4 25	1 45	16 19	1 53	19 24	0 42	16 7	1 30	29 9	5 21	6 15	6 31	18 48		n.a.
W 5	1 19	16 46	5 13	9 34	2 7	16 7	0 28	24 32	0 49	4 28	1 45	16 17	1 54	19 23	0 42	16 7	1 30	29 9	5 22	6 16	6 32	18 48		n.a.
T 6	1 42	18 11	5 14	9 33	2 16	15 51	0 32	24 36	0 52	4 31	1 45	16 15	1 54	19 23	0 42	16 7	1 30	29 9	5 22	6 17	6 34	18 49		n.a.
F 7	2 6	18 48	5 1	9 30	2 24	15 35	0 36	24 39	0 54	4 33	1 44	16 13	1 54	19 22	0 42	16 8	1 30	29 10	5 22	6 17	6 35	18 49		n.a.
S 8	2 29	18 35	4 36	9 25	2 32	15 19	0 41	24 43	0 56	4 36	1 44	16 11	1 54	19 21	0 42	16 8	1 30	29 10	5 22	6 17	6 36	18 49		n.a.
S 9	2 52	17 32	3 58	9 17	2 39	15 1	0 45	24 46	0 58	4 39	1 44	16 10	1 54	19 21	0 43	16 8	1 30	29 10	5 23	6 17	6 37	18 50		n.a.
M10	3 15	15 41	3 10	9 7	2 45	14 44	0 49	24 49	1 1	4 42	1 44	16 8	1 54	19 20	0 43	16 9	1 30	29 10	5 23	6 16	6 39	18 50		n.a.
T 11	3 38	13 4	2 12	8 54	2 50	14 26	0 53	24 52	1 3	4 45	1 44	16 6	1 55	19 20	0 43	16 9	1 30	29 10	5 23	6 16	6 40	18 50		n.a.
W12	4 1	9 48	1 6	8 40	2 54	14 7	0 57	24 55	1 6	4 47	1 44	16 4	1 55	19 19	0 43	16 9	1 30	29 11	5 23	6 15	6 41	18 51		n.a.
T 13	4 24	5 57	0s 5	8 23	2 57	13 49	1 1	24 58	1 8	4 50	1 44	16 2	1 55	19 19	0 43	16 9	1 30	29 11	5 23	6 15	6 42	18 51		n.a.
F 14	4 47	1 44	1 18	8 4	3 0	13 29	1 4	25 0	1 10	4 52	1 43	16 1	1 55	19 18	0 43	16 10	1 30	29 11	5 24	6 15	6 43	18 51		n.a.
S 15	5 10	2n42	2 27	7 43	3 2	13 10	1 8	25 3	1 13	4 55	1 43	15 59	1 55	19 18	0 43	16 10	1 30	29 11	5 24	6 16	6 45	18 52		n.a.
S 16	5 32	7 4	3 30	7 20	3 3	12 49	1 11	25 5	1 15	4 58	1 43	15 57	1 56	19 18	0 43	16 10	1 30	29 12	5 24	6 17	6 46	18 52		n.a.
M17	5 55	11 7	4 20	6 55	3 4	12 29	1 14	25 8	1 18	5 0	1 43	15 55	1 56	19 17	0 43	16 10	1 30	29 12	5 24	6 19	6 47	18 52		n.a.
T 18	6 17	14 33	4 55	6 28	3 3	12 8	1 18	25 10	1 21	5 2	1 43	15 54	1 56	19 17	0 43	16 11	1 30	29 12	5 25	6 21	6 48	18 52		n.a.
W19	6 40	17 6	5 11	5 59	3 2	11 47	1 21	25 12	1 23	5 5	1 43	15 52	1 56	19 16	0 43	16 11	1 30	29 12	5 25	6 22	6 50	18 53		n.a.
T 20	7 2	18 34	5 7	5 28	3 1	11 25	1 24	25 14	1 26	5 7	1 42	15 50	1 56	19 16	0 43	16 11	1 30	29 12	5 25	6 24	6 51	18 53		n.a.
F 21	7 24	18 51	4 45	4 55	2 58	11 3	1 27	25 16	1 29	5 9	1 42	15 49	1 57	19 16	0 43	16 11	1 30	29 13	5 25	6 24	6 52	18 53		n.a.
S 22	7 46	17 56	4 5	4 21	2 55	10 41	1 29	25 18	1 31	5 12	1 42	15 47	1 57	19 15	0 43	16 12	1 30	29 13	5 25	6 25	6 53	18 54		n.a.
S 23	8 8	15 55	3 11	3 45	2 52	10 18	1 32	25 20	1 34	5 14	1 42	15 46	1 57	19 15	0 43	16 12	1 30	29 13	5 26	6 24	6 55	18 54		n.a.
M24	8 30	13 1	2 6	3 7	2 48	9 55	1 34	25 21	1 37	5 16	1 42	15 44	1 57	19 14	0 43	16 12	1 30	29 13	5 26	6 24	6 56	18 54		n.a.
T 25	8 52	9 26	0 56	2 28	2 43	9 32	1 37	25 23	1 40	5 18	1 41	15 42	1 58	19 14	0 43	16 12	1 30	29 14	5 26	6 23	6 57	18 54		n.a.
W26	9 14	5 24	0n17	1 47	2 37	9 8	1 39	25 24	1 43	5 20	1 41	15 41	1 58	19 14	0 43	16 12	1 30	29 14	5 26	6 23	6 58	18 55		n.a.
T 27	9 35	1 11	1 28	1 5	2 31	8 45	1 41	25 26	1 45	5 22	1 41	15 39	1 58	19 13	0 43	16 12	1 30	29 14	5 27	6 24	7 0	18 55		n.a.
F 28	9 56	3s 3	2 33	0 21	2 25	8 20	1 44	25 27	1 48	5 24	1 41	15 38	1 58	19 13	0 43	16 12	1 30	29 14	5 27	6 25	7 1	18 55		n.a.
S 29	10 17	7 4	3 28	0n25	2 18	7 56	1 46	25 28	1 51	5 25	1 40	15 37	1 58	19 13	0 43	16 13	1 29	29 14	5 27	6 27	7 2	18 56		n.a.
S 30	10n38	10s41	4n13	1n12	2s10	7s31	1s47	25s30	1s54	5n27	1n40	15s35	1s59	19s12	0s43	16n13	1n29	29s15	5s27	6n29	7n 3	18s56		n.a.

Julian Day Number = 1288326.5, Delta T = 08h01m36s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'31, Lahiri = -20°19'31 Julian Calendar 1 Apr. 1186 BCE == Greg. Calendar 21 March 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

MAY 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 49 39	28♈ 8'35	21♏16	9♈35	16♓27	8♑26	20°R10	24♒ 8	8♒14	20°R47	26°R39	13°R38	12♍15	0♑ 9	n.a.	M 1
T 2	13 53 36	29° 5'45	3♐29	11°19	17°35	8°55	20♍ 6	24°12	8°15	20♎46	26♐38	13♍30	12°12	0°16	n.a.	T 2
W 3	13 57 33	0♉ 2'55	15°32	13° 6	18°42	9°24	20° 1	24°17	8°16	20°46	26°38	13°22	12° 9	0°23	n.a.	W 3
T 4	14 1 29	1° 0'05	27°29	14°56	19°50	9°53	19°57	24°21	8°17	20°45	26°37	13°16	12° 6	0°29	n.a.	T 4
F 5	14 5 26	1°57'14	9♑21	16°48	20°58	10°21	19°53	24°26	8°18	20°45	26°36	13°11	12° 2	0°36	n.a.	F 5
S 6	14 9 22	2°54'22	21°13	18°42	22° 6	10°49	19°49	24°30	8°19	20°45	26°36	13° 9	11°59	0°43	n.a.	S 6
S 7	14 13 19	3°51'31	3♒10	20°39	23°14	11°16	19°45	24°34	8°20	20°45	26°35	13°D 8	11°56	0°49	n.a.	S 7
M 8	14 17 15	4°48'39	15°17	22°38	24°22	11°44	19°42	24°38	8°21	20°45	26°34	13° 8	11°53	0°56	n.a.	M 8
T 9	14 21 12	5°45'47	27°38	24°39	25°31	12°11	19°38	24°42	8°21	20°44	26°34	13° 9	11°50	1° 3	n.a.	T 9
W10	14 25 8	6°42'54	10♓18	26°42	26°39	12°37	19°35	24°46	8°22	20°44	26°33	13°R10	11°47	1°10	n.a.	W10
T 11	14 29 5	7°40'01	23°22	28°47	27°48	13° 4	19°32	24°50	8°23	20°44	26°32	13°10	11°43	1°16	n.a.	T 11
F 12	14 33 2	8°37'09	6♈51	0♉53	28°56	13°29	19°29	24°54	8°24	20°44	26°31	13° 7	11°40	1°23	n.a.	F 12
S 13	14 36 58	9°34'16	20°46	3° 1	0♈ 5	13°55	19°26	24°58	8°24	20°44	26°30	13° 3	11°37	1°30	n.a.	S 13
S 14	14 40 55	10°31'22	5♉ 5	5°10	1°14	14°20	19°23	25° 2	8°25	20°D44	26°29	12°56	11°34	1°36	n.a.	S 14
M15	14 44 51	11°28'29	19°42	7°20	2°23	14°44	19°21	25° 5	8°25	20°44	26°29	12°48	11°31	1°43	n.a.	M15
T 16	14 48 48	12°25'35	4♊31	9°31	3°32	15° 9	19°18	25° 9	8°26	20°44	26°28	12°39	11°28	1°50	n.a.	T 16
W17	14 52 44	13°22'41	19°23	11°42	4°41	15°32	19°16	25°12	8°26	20°44	26°27	12°30	11°24	1°57	n.a.	W17
T 18	14 56 41	14°19'47	4♋10	13°53	5°50	15°56	19°14	25°15	8°27	20°44	26°26	12°23	11°21	2° 3	n.a.	T 18
F 19	15 0 38	15°16'52	18°45	16° 4	6°59	16°19	19°13	25°19	8°27	20°44	26°25	12°19	11°18	2°10	n.a.	F 19
S 20	15 4 34	16°13'57	3♌ 2	18°14	8° 8	16°41	19°11	25°22	8°27	20°45	26°24	12°16	11°15	2°17	n.a.	S 20
S 21	15 8 31	17°11'01	17° 2	20°24	9°18	17° 3	19°10	25°25	8°27	20°45	26°23	12°D15	11°12	2°23	n.a.	S 21
M22	15 12 27	18° 8'05	0♍42	22°33	10°27	17°24	19° 9	25°28	8°28	20°45	26°22	12°16	11° 8	2°30	n.a.	M22
T 23	15 16 24	19° 5'09	14° 5	24°40	11°37	17°45	19° 8	25°30	8°28	20°45	26°21	12°R16	11° 5	2°37	n.a.	T 23
W24	15 20 20	20° 2'12	27°12	26°47	12°46	18° 6	19° 7	25°33	8°28	20°46	26°20	12°15	11° 2	2°44	n.a.	W24
T 25	15 24 17	20°59'15	10♎ 6	28°51	13°56	18°26	19° 6	25°36	8°R28	20°46	26°19	12°12	10°59	2°50	n.a.	T 25
F 26	15 28 13	21°56'18	22°48	0♊55	15° 6	18°45	19° 6	25°38	8°28	20°46	26°18	12° 6	10°56	2°57	n.a.	F 26
S 27	15 32 10	22°53'21	5♏20	2°57	16°15	19° 4	19° 5	25°41	8°28	20°47	26°17	11°58	10°53	3° 4	n.a.	S 27
S 28	15 36 7	23°50'24	17°42	4°57	17°25	19°22	19°D 5	25°43	8°28	20°47	26°16	11°47	10°49	3°10	n.a.	S 28
M29	15 40 3	24°47'28	29°55	6°55	18°35	19°40	19° 5	25°45	8°28	20°48	26°14	11°35	10°46	3°17	n.a.	M29
T 30	15 44 0	25°44'31	12♐ 0	8°51	19°45	19°58	19° 5	25°48	8°27	20°48	26°13	11°22	10°43	3°24	n.a.	T 30
W31	15 47 56	26♉41'35	23♐58	10♊46	20♈55	20♑14	19♍ 6	25♒50	8♒27	20♎49	26♐12	11♍10	10♍40	3♑31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10n59	13s47	4n45	2n 0	2s 2	7s 6	1s49	25s31	1s58	5n29	1n40	15s34	1s59	19s12	0s43	16n13	1n29	29s15	5s27	6n32	7n 4	18s56			n.a.
T 2	11 20	16 14	5 3	2 49	1 53	6 41	1 51	25 32	2 1	5 30	1 40	15 32	1 59	19 12	0 43	16 13	1 29	29 15	5 28	6 35	7 6	18 56			n.a.
W 3	11 40	17 56	5 7	3 40	1 44	6 15	1 52	25 33	2 4	5 32	1 39	15 31	1 59	19 12	0 43	16 13	1 29	29 15	5 28	6 38	7 7	18 57			n.a.
T 4	12 1	18 50	4 58	4 31	1 35	5 50	1 54	25 34	2 7	5 33	1 39	15 30	2 0	19 11	0 43	16 13	1 29	29 15	5 28	6 41	7 8	18 57			n.a.
F 5	12 21	18 54	4 37	5 24	1 25	5 24	1 55	25 35	2 10	5 35	1 39	15 28	2 0	19 11	0 43	16 13	1 29	29 15	5 28	6 43	7 9	18 57			n.a.
S 6	12 41	18 8	4 3	6 18	1 15	4 58	1 57	25 36	2 13	5 36	1 39	15 27	2 0	19 11	0 44	16 13	1 29	29 16	5 28	6 44	7 11	18 57			n.a.
S 7	13 1	16 33	3 18	7 12	1 4	4 31	1 58	25 37	2 17	5 37	1 38	15 26	2 0	19 11	0 44	16 13	1 29	29 16	5 29	6 44	7 12	18 58			n.a.
M 8	13 20	14 13	2 24	8 7	0 54	4 5	1 59	25 38	2 20	5 39	1 38	15 25	2 1	19 11	0 44	16 13	1 29	29 16	5 29	6 44	7 13	18 58			n.a.
T 9	13 40	11 12	1 23	9 2	0 43	3 38	2 0	25 39	2 23	5 40	1 38	15 24	2 1	19 10	0 44	16 13	1 29	29 16	5 29	6 43	7 14	18 58			n.a.
W10	13 59	7 35	0 15	9 58	0 32	3 11	2 1	25 40	2 27	5 41	1 37	15 23	2 1	19 10	0 44	16 13	1 29	29 16	5 29	6 43	7 16	18 58			n.a.
T 11	14 18	3 30	0s54	10 53	0 21	2 44	2 1	25 40	2 30	5 42	1 37	15 21	2 1	19 10	0 44	16 13	1 29	29 17	5 29	6 43	7 17	18 59			n.a.
F 12	14 36	0n53	2 3	11 49	0 10	2 17	2 2	25 41	2 34	5 43	1 37	15 20	2 2	19 10	0 44	16 13	1 29	29 17	5 30	6 44	7 18	18 59			n.a.
S 13	14 55	5 21	3 7	12 44	0n 1	1 50	2 3	25 42	2 37	5 44	1 37	15 19	2 2	19 10	0 44	16 13	1 29	29 17	5 30	6 46	7 19	18 59			n.a.
S 14	15 13	9 39	4 1	13 38	0 11	1 23	2 3	25 43	2 41	5 44	1 36	15 18	2 2	19 10	0 44	16 13	1 29	29 17	5 30	6 49	7 20	18 59			n.a.
M15	15 31	13 27	4 40	14 32	0 22	0 55	2 3	25 44	2 45	5 45	1 36	15 17	2 2	19 10	0 44	16 13	1 29	29 17	5 30	6 52	7 22	19 0			n.a.
T 16	15 49	16 28	5 1	15 24	0 32	0 28	2 4	25 44	2 48	5 46	1 36	15 16	2 3	19 10	0 44	16 13	1 29	29 17	5 30	6 55	7 23	19 0			n.a.
W17	16 7	18 23	5 2	16 15	0 42	0 0	2 4	25 45	2 52	5 46	1 35	15 15	2 3	19 9	0 44	16 13	1 29	29 18	5 31	6 59	7 24	19 0			n.a.
T 18	16 24	19 3	4 43	17 5	0 51	0n28	2 4	25 46	2 56	5 47	1 35	15 15	2 3	19 9	0 44	16 13	1 29	29 18	5 31	7 1	7 25	19 0			n.a.
F 19	16 41	18 27	4 5	17 52	1 0	0 55	2 4	25 47	2 59	5 47	1 35	15 14	2 3	19 9	0 44	16 13	1 29	29 18	5 31	7 3	7 27	19 0			n.a.
S 20	16 58	16 40	3 13	18 38	1 8	1 23	2 4	25 48	3 3	5 48	1 35	15 13	2 4	19 9	0 44	16 13	1 29	29 18	5 31	7 4	7 28	19 1			n.a.
S 21	17 14	13 55	2 10	19 22	1 16	1 51	2 4	25 49	3 7	5 48	1 34	15 12	2 4	19 9	0 44	16 13	1 29	29 18	5 31	7 4	7 29	19 1			n.a.
M22	17 31	10 27	1 1	20 3	1 23	2 19	2 3	25 50	3 11	5 48	1 34	15 11	2 4	19 9	0 44	16 13	1 29	29 18	5 32	7 4	7 30	19 1			n.a.
T 23	17 47	6 31	0n10	20 42	1 30	2 47	2 3	25 51	3 15	5 48	1 34	15 11	2 4	19 9	0 44	16 12	1 29	29 18	5 32	7 4	7 32	19 1			n.a.
W24	18 2	2 20	1 19	21 18	1 36	3 15	2 3	25 52	3 19	5 48	1 33	15 10	2 5	19 9	0 44	16 12	1 29	29 19	5 32	7 5	7 33	19 1			n.a.
T 25	18 18	1s53	2 22	21 52	1 41	3 43	2 2	25 53	3 23	5 48	1 33	15 9	2 5	19 9	0 44	16 12	1 28	29 19	5 32	7 6	7 34	19 2			n.a.
F 26	18 33	5 58	3 18	22 24	1 45	4 11	2 1	25 55	3 27	5 48	1 33	15 9	2 5	19 9	0 44	16 12	1 28	29 19	5 32	7 8	7 35	19 2			n.a.
S 27	18 48	9 42	4 2	22 53	1 49	4 39	2 1	25 56	3 31	5 48	1 32	15 8	2 6	19 9	0 44	16 12	1 28	29 19	5 32	7 11	7 36	19 2			n.a.
S 28	19 2	12 59	4 35	23 19	1 52	5 6	2 0	25 57	3 35	5 48	1 32	15 7	2 6	19 9	0 44	16 12	1 28	29 19	5 33	7 15	7 38	19 2			n.a.
M29	19 17	15 40	4 55	23 42	1 55	5 34	1 59	25 59	3 39	5 47	1 32	15 7	2 6	19 10	0 44	16 11	1 28	29 19	5 33	7 20	7 39	19 2			n.a.
T 30	19 31	17 38	5 1	24 3	1 57	6 2	1 58	26 0	3 43	5 47	1 31	15 6	2 6	19 10	0 44	16 11	1 28	29 19	5 33	7 25	7 40	19 2			n.a.
W31	19n44	18s48	4n54	24n22	1n58	6n30	1s57	26s 2	3s48	5n47	1n31	15s 6	2s 7	19s10	0s45	16n11	1n28	29s20	5s33	7n30	7n41	19s 3			n.a.

Julian Day Number = 1288356.5, Delta T = 08h01m34s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'27, Lahiri = -20°19'27 Julian Calendar 1 May 1186 BCE == Greg. Calendar 20 Apr. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

JUNE 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 53	27♉38'40	5♋52	12♊38	22♈ 6	20♋30	19♍ 7	25♒52	8°R27	20♌49	26°R11	11°R 0	10♍37	3♋37	n.a.	T 1
F 2	15 55 49	28°35'44	17°42	14°29	23°16	20°46	19° 7	25°54	8♒27	20°50	26♐10	10♍51	10°34	3°44	n.a.	F 2
S 3	15 59 46	29°32'50	29°33	16°17	24°26	21° 0	19° 8	25°55	8°26	20°50	26° 9	10°45	10°30	3°51	n.a.	S 3
S 4	16 3 42	0♊29'56	11♒29	18° 4	25°37	21°15	19° 9	25°57	8°26	20°51	26° 7	10°42	10°27	3°57	n.a.	S 4
M 5	16 7 39	1°27'02	23°33	19°49	26°47	21°28	19°11	25°59	8°25	20°52	26° 6	10°41	10°24	4° 4	n.a.	M 5
T 6	16 11 36	2°24'10	5♓52	21°32	27°58	21°41	19°12	26° 0	8°25	20°53	26° 5	10°41	10°21	4°11	n.a.	T 6
W 7	16 15 32	3°21'18	18°30	23°13	29° 8	21°53	19°14	26° 1	8°24	20°53	26° 4	10°40	10°18	4°18	n.a.	W 7
T 8	16 19 29	4°18'27	1♈32	24°52	0♉19	22° 5	19°16	26° 3	8°24	20°54	26° 2	10°39	10°14	4°24	n.a.	T 8
F 9	16 23 25	5°15'36	15° 1	26°29	1°30	22°15	19°18	26° 4	8°23	20°55	26° 1	10°36	10°11	4°31	n.a.	F 9
S 10	16 27 22	6°12'47	29° 0	28° 5	2°41	22°25	19°20	26° 5	8°22	20°56	26° 0	10°30	10° 8	4°38	n.a.	S 10
S 11	16 31 18	7° 9'58	13♉27	29°38	3°52	22°34	19°22	26° 6	8°21	20°57	25°59	10°22	10° 5	4°44	n.a.	S 11
M12	16 35 15	8° 7'11	28°17	1♋ 9	5° 3	22°43	19°25	26° 7	8°21	20°58	25°57	10°12	10° 2	4°51	n.a.	M12
T 13	16 39 12	9° 4'24	13♊23	2°39	6°14	22°51	19°28	26° 7	8°20	20°58	25°56	10° 1	9°59	4°58	n.a.	T 13
W14	16 43 8	10° 1'37	28°34	4° 6	7°25	22°58	19°31	26° 8	8°19	20°59	25°55	9°51	9°55	5° 5	n.a.	W14
T 15	16 47 5	10°58'52	13♋41	5°32	8°36	23° 4	19°34	26° 9	8°18	21° 0	25°53	9°42	9°52	5°11	n.a.	T 15
F 16	16 51 1	11°56'07	28°32	6°55	9°47	23° 9	19°37	26° 9	8°17	21° 1	25°52	9°35	9°49	5°18	n.a.	F 16
S 17	16 54 58	12°53'22	13♌ 3	8°16	10°58	23°14	19°40	26° 9	8°16	21° 3	25°51	9°32	9°46	5°25	n.a.	S 17
S 18	16 58 54	13°50'39	27°10	9°35	12°10	23°18	19°44	26°10	8°15	21° 4	25°49	9°30	9°43	5°31	n.a.	S 18
M19	17 2 51	14°47'55	10♍52	10°52	13°21	23°21	19°48	26°10	8°14	21° 5	25°48	9°30	9°40	5°38	n.a.	M19
T 20	17 6 47	15°45'12	24°11	12° 7	14°32	23°23	19°52	26°R10	8°13	21° 6	25°47	9°30	9°36	5°45	n.a.	T 20
W21	17 10 44	16°42'30	7♎10	13°20	15°44	23°25	19°56	26°10	8°11	21° 7	25°45	9°28	9°33	5°52	n.a.	W21
T 22	17 14 41	17°39'49	19°53	14°30	16°56	23°R25	20° 0	26° 9	8°10	21° 8	25°44	9°25	9°30	5°58	n.a.	T 22
F 23	17 18 37	18°37'08	2♏22	15°38	18° 7	23°25	20° 4	26° 9	8° 9	21° 9	25°42	9°19	9°27	6° 5	n.a.	F 23
S 24	17 22 34	19°34'29	14°40	16°43	19°19	23°24	20° 9	26° 9	8° 8	21°11	25°41	9°11	9°24	6°12	n.a.	S 24
S 25	17 26 30	20°31'50	26°50	17°46	20°31	23°23	20°14	26° 8	8° 6	21°12	25°40	9° 0	9°20	6°18	n.a.	S 25
M26	17 30 27	21°29'12	8♐53	18°46	21°42	23°20	20°19	26° 8	8° 5	21°13	25°38	8°47	9°17	6°25	n.a.	M26
T 27	17 34 23	22°26'35	20°51	19°43	22°54	23°17	20°24	26° 7	8° 3	21°15	25°37	8°33	9°14	6°32	n.a.	T 27
W28	17 38 20	23°24'00	2♑45	20°37	24° 6	23°13	20°29	26° 6	8° 2	21°16	25°36	8°21	9°11	6°39	n.a.	W28
T 29	17 42 16	24°21'26	14°36	21°28	25°18	23° 8	20°34	26° 5	8° 0	21°17	25°34	8° 9	9° 8	6°45	n.a.	T 29
F 30	17 46 13	25♊18'53	26♑26	22♋16	26♉30	23♑ 2	20♍40	26♒ 4	7♒59	21♌19	25♐33	8♍ 1	9♍ 5	6♑52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n58	19s 9	4n34	24n38	1n58	6n57	1s56	26s 3	3s52	5n46	1n31	15s 6	2s 7	19s10	0s45	16n11	1n28	29s20	5s33	7n34	7n43	19s 3		n.a.
F 2	20 10	18 39	4 2	24 52	1 58	7 25	1 55	26 5	3 56	5 45	1 30	15 5	2 7	19 10	0 45	16 11	1 28	29 20	5 33	7 37	7 44	19 3		n.a.
S 3	20 23	17 20	3 19	25 3	1 57	7 52	1 54	26 7	4 0	5 45	1 30	15 5	2 8	19 10	0 45	16 10	1 28	29 20	5 33	7 39	7 45	19 3		n.a.
S 4	20 35	15 15	2 28	25 13	1 56	8 19	1 52	26 9	4 5	5 44	1 30	15 5	2 8	19 10	0 45	16 10	1 28	29 20	5 34	7 40	7 46	19 3		n.a.
M 5	20 47	12 29	1 29	25 20	1 54	8 46	1 51	26 11	4 9	5 43	1 30	15 4	2 8	19 10	0 45	16 10	1 28	29 20	5 34	7 41	7 47	19 3		n.a.
T 6	20 59	9 7	0 25	25 24	1 51	9 13	1 49	26 13	4 13	5 42	1 29	15 4	2 8	19 11	0 45	16 10	1 28	29 20	5 34	7 41	7 49	19 4		n.a.
W 7	21 10	5 15	0s41	25 27	1 48	9 40	1 48	26 16	4 18	5 41	1 29	15 4	2 9	19 11	0 45	16 9	1 28	29 20	5 34	7 41	7 50	19 4		n.a.
T 8	21 21	1 2	1 48	25 28	1 44	10 7	1 46	26 18	4 22	5 40	1 29	15 4	2 9	19 11	0 45	16 9	1 28	29 20	5 34	7 42	7 51	19 4		n.a.
F 9	21 32	3n23	2 51	25 27	1 40	10 33	1 45	26 21	4 27	5 39	1 28	15 4	2 9	19 11	0 45	16 9	1 28	29 20	5 34	7 43	7 52	19 4		n.a.
S 10	21 42	7 47	3 46	25 25	1 35	11 0	1 43	26 23	4 31	5 38	1 28	15 3	2 10	19 11	0 45	16 8	1 28	29 21	5 34	7 45	7 54	19 4		n.a.
S 11	21 52	11 52	4 28	25 20	1 30	11 26	1 41	26 26	4 36	5 37	1 28	15 3	2 10	19 12	0 45	16 8	1 28	29 21	5 35	7 48	7 55	19 4		n.a.
M12	22 1	15 20	4 54	25 14	1 25	11 52	1 39	26 29	4 40	5 35	1 27	15 3	2 10	19 12	0 45	16 8	1 28	29 21	5 35	7 52	7 56	19 4		n.a.
T 13	22 10	17 49	5 0	25 7	1 18	12 17	1 37	26 32	4 45	5 34	1 27	15 3	2 10	19 12	0 45	16 7	1 28	29 21	5 35	7 56	7 57	19 5		n.a.
W14	22 19	19 5	4 45	24 58	1 12	12 43	1 35	26 35	4 49	5 33	1 27	15 3	2 11	19 12	0 45	16 7	1 28	29 21	5 35	8 0	7 58	19 5		n.a.
T 15	22 27	18 59	4 10	24 48	1 5	13 8	1 33	26 39	4 54	5 31	1 26	15 3	2 11	19 13	0 45	16 7	1 28	29 21	5 35	8 4	8 0	19 5		n.a.
F 16	22 35	17 33	3 18	24 36	0 57	13 33	1 31	26 42	4 58	5 30	1 26	15 4	2 11	19 13	0 45	16 6	1 28	29 21	5 35	8 6	8 1	19 5		n.a.
S 17	22 43	15 1	2 15	24 23	0 49	13 57	1 29	26 46	5 3	5 28	1 26	15 4	2 12	19 13	0 45	16 6	1 28	29 21	5 35	8 7	8 2	19 5		n.a.
S 18	22 50	11 39	1 5	24 10	0 41	14 21	1 27	26 49	5 7	5 26	1 26	15 4	2 12	19 14	0 45	16 6	1 28	29 21	5 35	8 8	8 3	19 5		n.a.
M19	22 57	7 43	0n 7	23 55	0 32	14 45	1 25	26 53	5 11	5 24	1 25	15 4	2 12	19 14	0 45	16 5	1 28	29 21	5 36	8 8	8 4	19 5		n.a.
T 20	23 3	3 31	1 17	23 39	0 23	15 9	1 23	26 57	5 16	5 23	1 25	15 4	2 12	19 14	0 45	16 5	1 27	29 21	5 36	8 8	8 6	19 5		n.a.
W21	23 9	0s45	2 21	23 23	0 14	15 32	1 20	27 1	5 20	5 21	1 25	15 5	2 13	19 15	0 45	16 4	1 27	29 21	5 36	8 9	8 7	19 5		n.a.
T 22	23 15	4 53	3 16	23 6	0 4	15 55	1 18	27 5	5 25	5 19	1 24	15 5	2 13	19 15	0 45	16 4	1 27	29 21	5 36	8 10	8 8	19 6		n.a.
F 23	23 20	8 43	4 1	22 48	0s 6	16 18	1 16	27 10	5 29	5 17	1 24	15 5	2 13	19 15	0 45	16 3	1 27	29 21	5 36	8 12	8 9	19 6		n.a.
S 24	23 25	12 9	4 34	22 30	0 16	16 40	1 13	27 14	5 33	5 15	1 24	15 6	2 14	19 16	0 45	16 3	1 27	29 22	5 36	8 16	8 11	19 6		n.a.
S 25	23 29	15 0	4 54	22 11	0 27	17 2	1 11	27 18	5 37	5 12	1 23	15 6	2 14	19 16	0 45	16 3	1 27	29 22	5 36	8 20	8 12	19 6		n.a.
M26	23 33	17 12	5 0	21 52	0 38	17 23	1 8	27 23	5 41	5 10	1 23	15 7	2 14	19 17	0 45	16 2	1 27	29 22	5 36	8 25	8 13	19 6		n.a.
T 27	23 37	18 38	4 54	21 33	0 49	17 44	1 6	27 27	5 46	5 8	1 23	15 7	2 14	19 17	0 45	16 2	1 27	29 22	5 36	8 30	8 14	19 6		n.a.
W28	23 40	19 14	4 34	21 14	1 0	18 5	1 3	27 32	5 50	5 6	1 23	15 8	2 15	19 17	0 46	16 1	1 27	29 22	5 36	8 35	8 15	19 6		n.a.
T 29	23 43	19 0	4 3	20 54	1 12	18 25	1 1	27 37	5 54	5 3	1 22	15 8	2 15	19 18	0 46	16 1	1 27	29 22	5 36	8 39	8 17	19 6		n.a.
F 30	23n45	17s56	3n21	20n35	1s24	18n45	0s58	27s42	5s57	5n 1	1n22	15s 9	2s15	19s18	0s46	16n 0	1n27	29s22	5s37	8n42	8n18	19s 6		n.a.

Julian Day Number = 1288387.5, Delta T = 08h01m33s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'23, Lahiri = -20°19'23 Julian Calendar 1 June 1186 BCE == Greg. Calendar 21 May 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

JULY 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 10	26♊16'21	8♒19	23♋ 0	27♉42	22°R56	20♍45	26°R 3	7°R57	21♎20	25°R31	7°R54	9♍ 1	6♑59	n.a.	S 1
S 2	17 54 6	27°13'51	20°15	23°41	28°54	22♑48	20°51	26♒ 2	7♒56	21°22	25♐30	7♍51	8°58	7° 5	n.a.	S 2
M 3	17 58 3	28°11'22	2♓21	24°17	0♊ 7	22°40	20°57	26° 1	7°54	21°23	25°29	7°D49	8°55	7°12	n.a.	M 3
T 4	18 1 59	29° 8'55	14°39	24°50	1°19	22°32	21° 3	25°59	7°52	21°25	25°27	7°49	8°52	7°19	n.a.	T 4
W 5	18 5 56	0♋ 6'30	27°15	25°19	2°31	22°22	21° 9	25°58	7°51	21°26	25°26	7°R50	8°49	7°25	n.a.	W 5
T 6	18 9 52	1° 4'06	10♈13	25°43	3°44	22°12	21°16	25°56	7°49	21°28	25°25	7°49	8°45	7°32	n.a.	T 6
F 7	18 13 49	2° 1'44	23°37	26° 3	4°56	22° 2	21°22	25°54	7°47	21°29	25°23	7°47	8°42	7°39	n.a.	F 7
S 8	18 17 45	2°59'23	7♉30	26°18	6° 9	21°50	21°29	25°52	7°45	21°31	25°22	7°43	8°39	7°46	n.a.	S 8
S 9	18 21 42	3°57'05	21°52	26°28	7°21	21°38	21°36	25°51	7°43	21°32	25°20	7°37	8°36	7°52	n.a.	S 9
M10	18 25 39	4°54'48	6♊41	26°R32	8°34	21°26	21°43	25°49	7°41	21°34	25°19	7°29	8°33	7°59	n.a.	M10
T 11	18 29 35	5°52'33	21°48	26°32	9°47	21°12	21°50	25°46	7°40	21°36	25°18	7°20	8°30	8° 6	n.a.	T 11
W12	18 33 32	6°50'19	7♋ 5	26°25	10°59	20°59	21°57	25°44	7°38	21°37	25°16	7°11	8°26	8°12	n.a.	W12
T 13	18 37 28	7°48'07	22°21	26°13	12°12	20°44	22° 4	25°42	7°36	21°39	25°15	7° 3	8°23	8°19	n.a.	T 13
F 14	18 41 25	8°45'57	7♌25	25°55	13°25	20°30	22°12	25°40	7°34	21°41	25°14	6°58	8°20	8°26	n.a.	F 14
S 15	18 45 21	9°43'48	22° 8	25°31	14°38	20°15	22°19	25°37	7°32	21°43	25°12	6°55	8°17	8°33	n.a.	S 15
S 16	18 49 18	10°41'41	6♍26	25° 2	15°51	20° 0	22°27	25°34	7°30	21°44	25°11	6°D54	8°14	8°39	n.a.	S 16
M17	18 53 15	11°39'34	20°16	24°27	17° 4	19°44	22°35	25°32	7°27	21°46	25°10	6°55	8°11	8°46	n.a.	M17
T 18	18 57 11	12°37'29	3♎40	23°47	18°17	19°28	22°43	25°29	7°25	21°48	25° 8	6°55	8° 7	8°53	n.a.	T 18
W19	19 1 8	13°35'26	16°40	23° 2	19°30	19°12	22°51	25°26	7°23	21°50	25° 7	6°R56	8° 4	8°59	n.a.	W19
T 20	19 5 4	14°33'24	29°20	22°13	20°43	18°56	22°59	25°23	7°21	21°52	25° 6	6°54	8° 1	9° 6	n.a.	T 20
F 21	19 9 1	15°31'24	11♏43	21°21	21°57	18°39	23° 8	25°20	7°19	21°54	25° 4	6°51	7°58	9°13	n.a.	F 21
S 22	19 12 57	16°29'25	23°54	20°27	23°10	18°23	23°16	25°17	7°17	21°55	25° 3	6°46	7°55	9°19	n.a.	S 22
S 23	19 16 54	17°27'28	5♐57	19°31	24°23	18° 7	23°25	25°14	7°15	21°57	25° 2	6°39	7°51	9°26	n.a.	S 23
M24	19 20 50	18°25'32	17°53	18°35	25°37	17°50	23°33	25°11	7°12	21°59	25° 1	6°30	7°48	9°33	n.a.	M24
T 25	19 24 47	19°23'38	29°46	17°39	26°50	17°34	23°42	25° 7	7°10	22° 1	24°59	6°21	7°45	9°40	n.a.	T 25
W26	19 28 43	20°21'46	11♑38	16°46	28° 3	17°18	23°51	25° 4	7° 8	22° 3	24°58	6°12	7°42	9°46	n.a.	W26
T 27	19 32 40	21°19'56	23°30	15°56	29°17	17° 2	24° 0	25° 1	7° 6	22° 5	24°57	6° 5	7°39	9°53	n.a.	T 27
F 28	19 36 37	22°18'07	5♒23	15°10	0♋31	16°46	24° 9	24°57	7° 3	22° 7	24°56	5°59	7°36	10° 0	n.a.	F 28
S 29	19 40 33	23°16'21	17°21	14°30	1°44	16°30	24°19	24°53	7° 1	22° 9	24°55	5°55	7°32	10° 6	n.a.	S 29
S 30	19 44 30	24°14'37	29°24	13°56	2°58	16°15	24°28	24°50	6°59	22°11	24°53	5°53	7°29	10°13	n.a.	S 30
M31	19 48 26	25♋12'54	11♓37	13♋30	4♋12	16♑ 0	24♍38	24♒46	6♒56	22♎13	24♐52	5°D53	7♍26	10♑20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	16s 4	2n30	20n16	1s36	19n 4	0s56	27s47	6s 1	4n58	1n22	15s10	2s15	19s19	0s46	16n 0	1n27	29s22	5s37	8n45	8n19	19s 6		n.a.
S 2	23 48	13 31	1 32	19 57	1 48	19 23	0 53	27 52	6 5	4 56	1 21	15 10	2 16	19 19	0 46	15 59	1 27	29 22	5 37	8 46	8 20	19 6		n.a.
M 3	23 49	10 21	0 29	19 39	2 0	19 41	0 50	27 57	6 9	4 53	1 21	15 11	2 16	19 20	0 46	15 59	1 27	29 22	5 37	8 46	8 21	19 6		n.a.
T 4	23 50	6 42	0s36	19 21	2 12	19 59	0 48	28 1	6 12	4 50	1 21	15 12	2 16	19 20	0 46	15 58	1 27	29 22	5 37	8 46	8 23	19 6		n.a.
W 5	23 50	2 40	1 42	19 3	2 24	20 16	0 45	28 6	6 15	4 48	1 21	15 13	2 17	19 21	0 46	15 58	1 27	29 22	5 37	8 46	8 24	19 7		n.a.
T 6	23 50	1n36	2 44	18 47	2 37	20 33	0 42	28 11	6 19	4 45	1 20	15 13	2 17	19 21	0 46	15 57	1 27	29 22	5 37	8 46	8 25	19 7		n.a.
F 7	23 49	5 56	3 39	18 32	2 49	20 49	0 40	28 16	6 22	4 42	1 20	15 14	2 17	19 22	0 46	15 57	1 27	29 22	5 37	8 47	8 26	19 7		n.a.
S 8	23 48	10 6	4 23	18 17	3 1	21 5	0 37	28 21	6 25	4 39	1 20	15 15	2 17	19 22	0 46	15 56	1 27	29 22	5 37	8 49	8 28	19 7		n.a.
S 9	23 46	13 49	4 53	18 4	3 12	21 20	0 34	28 26	6 28	4 36	1 20	15 16	2 18	19 23	0 46	15 55	1 27	29 22	5 37	8 51	8 29	19 7		n.a.
M10	23 44	16 47	5 4	17 52	3 23	21 35	0 31	28 31	6 30	4 33	1 19	15 17	2 18	19 23	0 46	15 55	1 27	29 22	5 37	8 54	8 30	19 7		n.a.
T 11	23 42	18 41	4 55	17 42	3 34	21 49	0 29	28 36	6 33	4 30	1 19	15 18	2 18	19 24	0 46	15 54	1 27	29 22	5 37	8 58	8 31	19 7		n.a.
W12	23 39	19 15	4 24	17 33	3 44	22 2	0 26	28 40	6 35	4 27	1 19	15 19	2 18	19 24	0 46	15 54	1 27	29 22	5 37	9 1	8 32	19 7		n.a.
T 13	23 36	18 25	3 35	17 26	3 54	22 15	0 23	28 45	6 37	4 24	1 18	15 20	2 19	19 25	0 46	15 53	1 27	29 22	5 37	9 4	8 34	19 7		n.a.
F 14	23 32	16 17	2 31	17 21	4 2	22 27	0 20	28 49	6 39	4 20	1 18	15 21	2 19	19 25	0 46	15 53	1 27	29 22	5 37	9 6	8 35	19 7		n.a.
S 15	23 28	13 8	1 18	17 17	4 10	22 38	0 18	28 53	6 41	4 17	1 18	15 22	2 19	19 26	0 46	15 52	1 27	29 22	5 37	9 7	8 36	19 7		n.a.
S 16	23 24	9 15	0 2	17 16	4 17	22 49	0 15	28 57	6 43	4 14	1 18	15 23	2 19	19 26	0 46	15 51	1 27	29 22	5 37	9 7	8 37	19 7		n.a.
M17	23 19	5 0	1n11	17 17	4 22	23 0	0 12	29 1	6 44	4 10	1 17	15 24	2 20	19 27	0 46	15 51	1 27	29 22	5 38	9 7	8 38	19 7		n.a.
T 18	23 13	0 38	2 19	17 20	4 26	23 9	0 9	29 5	6 46	4 7	1 17	15 26	2 20	19 27	0 46	15 50	1 27	29 22	5 38	9 7	8 40	19 7		n.a.
W19	23 8	3s38	3 17	17 26	4 28	23 18	0 7	29 8	6 47	4 3	1 17	15 27	2 20	19 28	0 46	15 49	1 27	29 22	5 38	9 7	8 41	19 7		n.a.
T 20	23 1	7 37	4 4	17 33	4 29	23 26	0 4	29 12	6 48	4 0	1 17	15 28	2 20	19 29	0 46	15 49	1 27	29 22	5 38	9 7	8 42	19 7		n.a.
F 21	22 55	11 11	4 38	17 42	4 27	23 34	0 1	29 15	6 48	3 56	1 16	15 29	2 21	19 29	0 46	15 48	1 27	29 22	5 38	9 8	8 43	19 7		n.a.
S 22	22 48	14 13	4 59	17 54	4 24	23 41	0n 2	29 18	6 49	3 53	1 16	15 30	2 21	19 30	0 46	15 48	1 27	29 22	5 38	9 10	8 44	19 7		n.a.
S 23	22 40	16 37	5 7	18 7	4 19	23 47	0 4	29 20	6 49	3 49	1 16	15 32	2 21	19 30	0 46	15 47	1 27	29 22	5 38	9 13	8 46	19 7		n.a.
M24	22 33	18 16	5 1	18 22	4 12	23 52	0 7	29 23	6 49	3 45	1 16	15 33	2 21	19 31	0 46	15 46	1 27	29 22	5 38	9 16	8 47	19 7		n.a.
T 25	22 24	19 8	4 42	18 38	4 3	23 57	0 10	29 25	6 49	3 41	1 15	15 34	2 21	19 32	0 46	15 46	1 27	29 22	5 38	9 20	8 48	19 7		n.a.
W26	22 16	19 9	4 11	18 56	3 52	24 1	0 12	29 27	6 49	3 38	1 15	15 36	2 22	19 32	0 46	15 45	1 27	29 22	5 38	9 23	8 49	19 7		n.a.
T 27	22 7	18 19	3 29	19 14	3 39	24 5	0 15	29 28	6 48	3 34	1 15	15 37	2 22	19 33	0 46	15 44	1 27	29 22	5 38	9 26	8 50	19 7		n.a.
F 28	21 57	16 41	2 38	19 33	3 25	24 7	0 17	29 30	6 48	3 30	1 15	15 39	2 22	19 33	0 46	15 44	1 27	29 21	5 38	9 28	8 52	19 7		n.a.
S 29	21 47	14 19	1 39	19 53	3 10	24 9	0 20	29 31	6 47	3 26	1 15	15 40	2 22	19 34	0 46	15 43	1 26	29 21	5 38	9 29	8 53	19 7		n.a.
S 30	21 37	11 19	0 35	20 13	2 53	24 10	0 22	29 32	6 46	3 22	1 14	15 42	2 23	19 35	0 46	15 42	1 26	29 21	5 38	9 30	8 54	19 7		n.a.
M31	21n27	7s48	0s31	20n33	2s36	24n11	0n25	29s33	6s44	3n18	1n14	15s43	2s23	19s35	0s46	15n42	1n26	29s21	5s38	9n30	8n55	19s 7		n.a.

Julian Day Number = 1288417.5, Delta T = 08h01m31s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'19, Lahiri = -20°19'19 Julian Calendar 1 July 1186 BCE == Greg. Calendar 20 June 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

AUGUST 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 23	26♋11'14	24♓ 1	13°R12	5♋25	15°R45	24♍47	24°R42	6°R54	22♎15	24°R51	5♍54	7♍23	10♑27	n.a.	T 1
W 2	19 56 19	27° 9'36	6♈40	13♋ 2	6°39	15♑31	24°57	24♒38	6♒52	22°17	24♐50	5°56	7°20	10°33	n.a.	W 2
T 3	20 0 16	28° 8'00	19°38	13°D 1	7°53	15°17	25° 7	24°34	6°49	22°19	24°49	5°57	7°17	10°40	n.a.	T 3
F 4	20 4 12	29° 6'27	2♉58	13°10	9° 7	15° 4	25°16	24°30	6°47	22°21	24°48	5°R57	7°13	10°47	n.a.	F 4
S 5	20 8 9	0♎ 4'56	16°43	13°27	10°21	14°51	25°26	24°26	6°44	22°24	24°47	5°56	7°10	10°53	n.a.	S 5
S 6	20 12 6	1° 3'27	0♊53	13°53	11°35	14°39	25°37	24°22	6°42	22°26	24°46	5°53	7° 7	11° 0	n.a.	S 6
M 7	20 16 2	2° 2'01	15°28	14°29	12°49	14°27	25°47	24°18	6°40	22°28	24°45	5°49	7° 4	11° 7	n.a.	M 7
T 8	20 19 59	3° 0'37	0♋22	15°12	14° 3	14°16	25°57	24°14	6°37	22°30	24°44	5°45	7° 1	11°13	n.a.	T 8
W 9	20 23 55	3°59'15	15°28	16° 4	15°17	14° 6	26° 7	24° 9	6°35	22°32	24°43	5°40	6°57	11°20	n.a.	W 9
T 10	20 27 52	4°57'56	0♌38	17° 4	16°32	13°56	26°18	24° 5	6°32	22°34	24°42	5°36	6°54	11°27	n.a.	T 10
F 11	20 31 48	5°56'38	15°40	18°10	17°46	13°47	26°28	24° 1	6°30	22°36	24°41	5°34	6°51	11°34	n.a.	F 11
S 12	20 35 45	6°55'23	0♍27	19°24	19° 0	13°39	26°39	23°56	6°28	22°38	24°40	5°D32	6°48	11°40	n.a.	S 12
S 13	20 39 41	7°54'09	14°51	20°43	20°15	13°31	26°50	23°52	6°25	22°41	24°39	5°33	6°45	11°47	n.a.	S 13
M14	20 43 38	8°52'58	28°50	22° 7	21°29	13°24	27° 1	23°47	6°23	22°43	24°38	5°34	6°42	11°54	n.a.	M14
T 15	20 47 34	9°51'48	12♎21	23°36	22°43	13°18	27°12	23°43	6°20	22°45	24°37	5°35	6°38	12° 0	n.a.	T 15
W16	20 51 31	10°50'40	25°27	25° 9	23°58	13°13	27°22	23°38	6°18	22°47	24°36	5°37	6°35	12° 7	n.a.	W16
T 17	20 55 28	11°49'35	8♏10	26°46	25°12	13° 8	27°34	23°33	6°16	22°49	24°35	5°R37	6°32	12°14	n.a.	T 17
F 18	20 59 24	12°48'31	20°34	28°25	26°27	13° 5	27°45	23°29	6°13	22°52	24°34	5°37	6°29	12°20	n.a.	F 18
S 19	21 3 21	13°47'29	2♐44	0♎ 7	27°41	13° 2	27°56	23°24	6°11	22°54	24°34	5°36	6°26	12°27	n.a.	S 19
S 20	21 7 17	14°46'28	14°43	1°51	28°56	13° 0	28° 7	23°19	6° 9	22°56	24°33	5°34	6°23	12°34	n.a.	S 20
M21	21 11 14	15°45'30	26°37	3°36	0♌11	12°59	28°19	23°15	6° 6	22°58	24°32	5°31	6°19	12°41	n.a.	M21
T 22	21 15 10	16°44'34	8♑28	5°23	1°25	12°D58	28°30	23°10	6° 4	23° 1	24°31	5°28	6°16	12°47	n.a.	T 22
W23	21 19 7	17°43'40	20°20	7°10	2°40	12°58	28°42	23° 5	6° 1	23° 3	24°31	5°25	6°13	12°54	n.a.	W23
T 24	21 23 3	18°42'48	2♒15	8°58	3°55	12°59	28°53	23° 0	5°59	23° 5	24°30	5°22	6°10	13° 1	n.a.	T 24
F 25	21 27 0	19°41'58	14°15	10°46	5°10	13° 1	29° 5	22°56	5°57	23° 7	24°29	5°21	6° 7	13° 7	n.a.	F 25
S 26	21 30 57	20°41'10	26°22	12°35	6°24	13° 4	29°17	22°51	5°54	23° 9	24°29	5°20	6° 3	13°14	n.a.	S 26
S 27	21 34 53	21°40'24	8♓39	14°23	7°39	13° 7	29°28	22°46	5°52	23°12	24°28	5°D19	6° 0	13°21	n.a.	S 27
M28	21 38 50	22°39'41	21° 5	16°11	8°54	13°12	29°40	22°41	5°50	23°14	24°27	5°20	5°57	13°27	n.a.	M28
T 29	21 42 46	23°39'00	3♈43	17°59	10° 9	13°17	29°52	22°37	5°48	23°16	24°27	5°21	5°54	13°34	n.a.	T 29
W30	21 46 43	24°38'21	16°35	19°46	11°24	13°22	0♎ 4	22°32	5°45	23°18	24°26	5°22	5°51	13°41	n.a.	W30
T 31	21 50 39	25♎37'45	29♈42	21♎33	12♎39	13♑29	0♎16	22♒27	5♒43	23♎21	24♐26	5♍23	5♍48	13♑47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n16	3s54	1s37	20n53	2s18	24n11	0n27	29s33	6s43	3n14	1n14	15s45	2s23	19s36	0s46	15n41	1n26	29s21	5s38	9n30	8n56	19s 7		n.a.
W 2	21 4	0n15	2 40	21 12	2 0	24 10	0 30	29 33	6 41	3 10	1 14	15 46	2 23	19 36	0 46	15 40	1 26	29 21	5 38	9 29	8 58	19 7		n.a.
T 3	20 52	4 29	3 36	21 30	1 41	24 8	0 32	29 33	6 39	3 6	1 13	15 48	2 23	19 37	0 46	15 39	1 26	29 21	5 38	9 29	8 59	19 7		n.a.
F 4	20 40	8 36	4 22	21 47	1 23	24 5	0 35	29 33	6 37	3 2	1 13	15 49	2 23	19 38	0 46	15 39	1 26	29 21	5 38	9 29	9 0	19 7		n.a.
S 5	20 28	12 24	4 55	22 4	1 5	24 2	0 37	29 32	6 35	2 57	1 13	15 51	2 24	19 38	0 46	15 38	1 26	29 21	5 38	9 29	9 1	19 7		n.a.
S 6	20 15	15 36	5 11	22 18	0 48	23 58	0 39	29 31	6 33	2 53	1 13	15 52	2 24	19 39	0 46	15 37	1 26	29 21	5 38	9 30	9 2	19 7		n.a.
M 7	20 2	17 56	5 8	22 32	0 30	23 53	0 41	29 30	6 31	2 49	1 13	15 54	2 24	19 40	0 46	15 37	1 26	29 21	5 38	9 32	9 4	19 6		n.a.
T 8	19 48	19 6	4 44	22 43	0 14	23 48	0 44	29 29	6 28	2 44	1 12	15 55	2 24	19 40	0 46	15 36	1 26	29 21	5 38	9 33	9 5	19 6		n.a.
W 9	19 34	18 56	4 0	22 52	0n 1	23 42	0 46	29 27	6 25	2 40	1 12	15 57	2 24	19 41	0 46	15 35	1 26	29 21	5 38	9 35	9 6	19 6		n.a.
T 10	19 20	17 26	3 0	22 59	0 16	23 35	0 48	29 26	6 22	2 36	1 12	15 59	2 24	19 41	0 46	15 35	1 26	29 21	5 38	9 36	9 7	19 6		n.a.
F 11	19 6	14 42	1 47	23 4	0 29	23 27	0 50	29 24	6 19	2 31	1 12	16 0	2 25	19 42	0 46	15 34	1 26	29 21	5 37	9 37	9 8	19 6		n.a.
S 12	18 51	11 4	0 28	23 6	0 42	23 19	0 52	29 22	6 16	2 27	1 12	16 2	2 25	19 43	0 46	15 33	1 26	29 21	5 37	9 38	9 10	19 6		n.a.
S 13	18 36	6 50	0n51	23 5	0 53	23 10	0 54	29 19	6 13	2 22	1 11	16 4	2 25	19 43	0 46	15 32	1 26	29 20	5 37	9 38	9 11	19 6		n.a.
M14	18 20	2 22	2 5	23 2	1 4	23 0	0 56	29 17	6 10	2 18	1 11	16 5	2 25	19 44	0 46	15 32	1 26	29 20	5 37	9 37	9 12	19 6		n.a.
T 15	18 4	2s 4	3 9	22 56	1 13	22 50	0 58	29 14	6 7	2 13	1 11	16 7	2 25	19 44	0 46	15 31	1 26	29 20	5 37	9 37	9 13	19 6		n.a.
W16	17 48	6 16	4 1	22 47	1 21	22 39	1 0	29 11	6 3	2 9	1 11	16 9	2 25	19 45	0 46	15 30	1 26	29 20	5 37	9 36	9 14	19 6		n.a.
T 17	17 31	10 3	4 40	22 36	1 28	22 27	1 1	29 8	6 0	2 4	1 11	16 10	2 25	19 46	0 46	15 29	1 26	29 20	5 37	9 36	9 16	19 6		n.a.
F 18	17 15	13 18	5 4	22 22	1 35	22 14	1 3	29 5	5 56	1 59	1 11	16 12	2 25	19 46	0 46	15 29	1 26	29 20	5 37	9 36	9 17	19 6		n.a.
S 19	16 58	15 54	5 15	22 5	1 40	22 1	1 5	29 1	5 52	1 55	1 10	16 14	2 26	19 47	0 46	15 28	1 26	29 20	5 37	9 37	9 18	19 6		n.a.
S 20	16 40	17 48	5 11	21 46	1 44	21 47	1 6	28 58	5 48	1 50	1 10	16 15	2 26	19 48	0 46	15 27	1 26	29 20	5 37	9 37	9 19	19 5		n.a.
M21	16 22	18 53	4 54	21 24	1 47	21 33	1 8	28 54	5 45	1 45	1 10	16 17	2 26	19 48	0 46	15 26	1 26	29 20	5 37	9 38	9 20	19 5		n.a.
T 22	16 5	19 9	4 25	21 0	1 50	21 18	1 9	28 50	5 41	1 40	1 10	16 19	2 26	19 49	0 46	15 26	1 26	29 20	5 37	9 40	9 22	19 5		n.a.
W23	15 46	18 35	3 44	20 34	1 51	21 2	1 11	28 47	5 37	1 35	1 10	16 20	2 26	19 49	0 46	15 25	1 26	29 20	5 37	9 41	9 23	19 5		n.a.
T 24	15 28	17 11	2 53	20 7	1 52	20 46	1 12	28 43	5 33	1 31	1 10	16 22	2 26	19 50	0 46	15 24	1 26	29 20	5 37	9 42	9 24	19 5		n.a.
F 25	15 9	15 1	1 54	19 37	1 52	20 29	1 13	28 38	5 29	1 26	1 9	16 24	2 26	19 50	0 46	15 23	1 26	29 20	5 37	9 42	9 25	19 5		n.a.
S 26	14 50	12 10	0 49	19 6	1 52	20 11	1 15	28 34	5 25	1 21	1 9	16 25	2 26	19 51	0 46	15 23	1 26	29 19	5 37	9 43	9 26	19 5		n.a.
S 27	14 31	8 45	0s18	18 33	1 51	19 53	1 16	28 30	5 21	1 16	1 9	16 27	2 26	19 52	0 46	15 22	1 26	29 19	5 37	9 43	9 27	19 5		n.a.
M28	14 11	4 54	1 26	17 59	1 49	19 34	1 17	28 25	5 17	1 11	1 9	16 29	2 26	19 52	0 46	15 21	1 26	29 19	5 37	9 43	9 29	19 5		n.a.
T 29	13 51	0 48	2 31	17 23	1 47	19 14	1 18	28 21	5 13	1 6	1 9	16 30	2 26	19 53	0 46	15 21	1 26	29 19	5 37	9 42	9 30	19 4		n.a.
W30	13 31	3n25	3 29	16 47	1 44	18 55	1 19	28 16	5 9	1 1	1 9	16 32	2 26	19 53	0 46	15 20	1 26	29 19	5 37	9 42	9 31	19 4		n.a.
T 31	13n11	7n32	4s18	16n 9	1n41	18n34	1n20	28s12	5s 5	0n56	1n 8	16s33	2s26	19s54	0s46	15n19	1n26	29s19	5s37	9n41	9n32	19s 4		n.a.

Julian Day Number = 1288448.5, Delta T = 08h01m29s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'15, Lahiri = -20°19'14 Julian Calendar 1 Aug. 1186 BCE == Greg. Calendar 21 July 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

SEPTEMBER 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 54 36	26♌37'11	13♉ 6	23♌19	13♌54	13♏36	0♎28	22°R22	5°R41	23♌23	24°R25	5♍23	5♍44	13♏54	n.a.	F 1
S 2	21 58 32	27°36'40	26°48	25° 5	15° 9	13°44	0°40	22♒18	5♒39	23°25	24♐25	5°R24	5°41	14° 1	n.a.	S 2
S 3	22 2 29	28°36'11	10♊48	26°50	16°24	13°52	0°53	22°13	5°37	23°27	24°24	5°24	5°38	14° 8	n.a.	S 3
M 4	22 6 25	29°35'45	25° 6	28°34	17°39	14° 2	1° 5	22° 8	5°34	23°30	24°24	5°23	5°35	14°14	n.a.	M 4
T 5	22 10 22	0♍35'21	9♋39	0♍18	18°54	14°12	1°17	22° 3	5°32	23°32	24°23	5°23	5°32	14°21	n.a.	T 5
W 6	22 14 19	1°34'59	24°22	2° 1	20°10	14°22	1°30	21°59	5°30	23°34	24°23	5°22	5°28	14°28	n.a.	W 6
T 7	22 18 15	2°34'40	9♌ 9	3°43	21°25	14°34	1°42	21°54	5°28	23°36	24°23	5°22	5°25	14°34	n.a.	T 7
F 8	22 22 12	3°34'24	23°55	5°24	22°40	14°46	1°55	21°49	5°26	23°38	24°22	5°22	5°22	14°41	n.a.	F 8
S 9	22 26 8	4°34'09	8♍30	7° 5	23°55	14°59	2° 7	21°45	5°24	23°41	24°22	5°D22	5°19	14°48	n.a.	S 9
S 10	22 30 5	5°33'56	22°49	8°45	25°10	15°12	2°20	21°40	5°22	23°43	24°22	5°R22	5°16	14°54	n.a.	S 10
M11	22 34 1	6°33'46	6♎48	10°25	26°26	15°26	2°32	21°36	5°20	23°45	24°22	5°22	5°13	15° 1	n.a.	M11
T 12	22 37 58	7°33'37	20°23	12° 4	27°41	15°41	2°45	21°31	5°18	23°47	24°21	5°21	5° 9	15° 8	n.a.	T 12
W13	22 41 54	8°33'30	3♏33	13°42	28°56	15°56	2°58	21°27	5°16	23°49	24°21	5°21	5° 6	15°14	n.a.	W13
T 14	22 45 51	9°33'26	16°21	15°20	0♍12	16°12	3°11	21°22	5°14	23°52	24°21	5°21	5° 3	15°21	n.a.	T 14
F 15	22 49 47	10°33'23	28°49	16°57	1°27	16°28	3°23	21°18	5°13	23°54	24°21	5°20	5° 0	15°28	n.a.	F 15
S 16	22 53 44	11°33'22	11♐ 1	18°33	2°42	16°45	3°36	21°13	5°11	23°56	24°21	5°D20	4°57	15°35	n.a.	S 16
S 17	22 57 41	12°33'22	23° 1	20° 9	3°58	17° 3	3°49	21° 9	5° 9	23°58	24°21	5°20	4°54	15°41	n.a.	S 17
M18	23 1 37	13°33'25	4♑54	21°45	5°13	17°21	4° 2	21° 5	5° 7	24° 0	24°21	5°21	4°50	15°48	n.a.	M18
T 19	23 5 34	14°33'29	16°44	23°19	6°29	17°40	4°15	21° 1	5° 6	24° 2	24°D21	5°22	4°47	15°55	n.a.	T 19
W20	23 9 30	15°33'35	28°37	24°54	7°44	17°59	4°28	20°57	5° 4	24° 4	24°21	5°23	4°44	16° 1	n.a.	W20
T 21	23 13 27	16°33'43	10♒35	26°27	9° 0	18°19	4°41	20°53	5° 2	24° 7	24°21	5°24	4°41	16° 8	n.a.	T 21
F 22	23 17 23	17°33'53	22°43	28° 1	10°15	18°39	4°54	20°49	5° 1	24° 9	24°21	5°25	4°38	16°15	n.a.	F 22
S 23	23 21 20	18°34'04	5♓ 1	29°33	11°30	19° 0	5° 7	20°45	4°59	24°11	24°21	5°R25	4°34	16°21	n.a.	S 23
S 24	23 25 16	19°34'17	17°33	1♎ 6	12°46	19°21	5°20	20°41	4°58	24°13	24°21	5°25	4°31	16°28	n.a.	S 24
M25	23 29 13	20°34'33	0♈20	2°38	14° 1	19°42	5°33	20°37	4°56	24°15	24°21	5°23	4°28	16°35	n.a.	M25
T 26	23 33 9	21°34'50	13°20	4° 9	15°17	20° 5	5°47	20°33	4°55	24°17	24°22	5°22	4°25	16°41	n.a.	T 26
W27	23 37 6	22°35'09	26°35	5°40	16°32	20°27	6° 0	20°29	4°53	24°19	24°22	5°19	4°22	16°48	n.a.	W27
T 28	23 41 3	23°35'30	10♉ 2	7°10	17°48	20°50	6°13	20°26	4°52	24°21	24°22	5°17	4°19	16°55	n.a.	T 28
F 29	23 44 59	24°35'53	23°42	8°41	19° 4	21°13	6°26	20°22	4°51	24°23	24°22	5°14	4°15	17° 1	n.a.	F 29
S 30	23 48 56	25♍36'19	7♊32	10♎10	20♍19	21♏37	6♎40	20♒19	4♒49	24♌25	24♐23	5♍12	4♍12	17♏ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n51	11n22	4s54	15n30	1n38	18n13	1n21	28s 7	5s 1	0n51	1n 8	16s35	2s26	19s54	0s46	15n18	1n26	29s19	5s36	9n41	9n33	19s 4		n.a.
S 2	12 30	14 41	5 14	14 51	1 34	17 51	1 22	28 2	4 57	0 46	1 8	16 37	2 26	19 55	0 46	15 18	1 26	29 19	5 36	9 41	9 35	19 4		n.a.
S 3	12 9	17 13	5 16	14 11	1 30	17 29	1 22	27 57	4 53	0 41	1 8	16 38	2 27	19 55	0 46	15 17	1 26	29 19	5 36	9 41	9 36	19 4		n.a.
M 4	11 48	18 46	4 59	13 30	1 25	17 7	1 23	27 52	4 49	0 36	1 8	16 40	2 27	19 56	0 46	15 16	1 26	29 19	5 36	9 41	9 37	19 4		n.a.
T 5	11 27	19 7	4 23	12 48	1 21	16 44	1 24	27 47	4 45	0 31	1 8	16 41	2 27	19 56	0 46	15 15	1 27	29 19	5 36	9 42	9 38	19 3		n.a.
W 6	11 5	18 11	3 29	12 6	1 16	16 20	1 24	27 42	4 41	0 26	1 8	16 43	2 27	19 57	0 46	15 15	1 27	29 19	5 36	9 42	9 39	19 3		n.a.
T 7	10 43	16 0	2 21	11 24	1 10	15 56	1 25	27 36	4 37	0 20	1 7	16 45	2 27	19 57	0 46	15 14	1 27	29 18	5 36	9 42	9 41	19 3		n.a.
F 8	10 22	12 47	1 3	10 41	1 5	15 31	1 25	27 31	4 33	0 15	1 7	16 46	2 27	19 58	0 46	15 13	1 27	29 18	5 36	9 42	9 42	19 3		n.a.
S 9	10 0	8 47	0n17	9 58	0 59	15 7	1 26	27 25	4 29	0 10	1 7	16 48	2 27	19 58	0 46	15 12	1 27	29 18	5 36	9 42	9 43	19 3		n.a.
S 10	9 37	4 21	1 36	9 14	0 53	14 41	1 26	27 20	4 25	0 5	1 7	16 49	2 27	19 59	0 46	15 12	1 27	29 18	5 36	9 42	9 44	19 3		n.a.
M11	9 15	0s12	2 46	8 31	0 47	14 15	1 26	27 14	4 21	0s 0	1 7	16 51	2 26	19 59	0 46	15 11	1 27	29 18	5 36	9 42	9 45	19 2		n.a.
T 12	8 52	4 37	3 45	7 47	0 41	13 49	1 26	27 9	4 17	0 6	1 7	16 52	2 26	20 0	0 46	15 10	1 27	29 18	5 36	9 42	9 46	19 2		n.a.
W13	8 30	8 41	4 30	7 3	0 35	13 23	1 26	27 3	4 13	0 11	1 7	16 54	2 26	20 0	0 46	15 10	1 27	29 18	5 36	9 42	9 48	19 2		n.a.
T 14	8 7	12 13	5 0	6 19	0 29	12 56	1 26	26 57	4 9	0 16	1 7	16 55	2 26	20 1	0 46	15 9	1 27	29 18	5 36	9 42	9 49	19 2		n.a.
F 15	7 44	15 6	5 15	5 35	0 22	12 28	1 26	26 51	4 5	0 21	1 6	16 56	2 26	20 1	0 46	15 8	1 27	29 18	5 35	9 42	9 50	19 2		n.a.
S 16	7 21	17 15	5 16	4 50	0 16	12 1	1 26	26 45	4 2	0 27	1 6	16 58	2 26	20 2	0 46	15 7	1 27	29 18	5 35	9 42	9 51	19 1		n.a.
S 17	6 57	18 37	5 3	4 6	0 9	11 33	1 26	26 39	3 58	0 32	1 6	16 59	2 26	20 2	0 46	15 7	1 27	29 18	5 35	9 42	9 52	19 1		n.a.
M18	6 34	19 8	4 36	3 22	0 3	11 5	1 26	26 33	3 54	0 37	1 6	17 0	2 26	20 2	0 46	15 6	1 27	29 17	5 35	9 42	9 54	19 1		n.a.
T 19	6 11	18 49	3 58	2 38	0s 4	10 36	1 25	26 27	3 50	0 43	1 6	17 2	2 26	20 3	0 46	15 5	1 27	29 17	5 35	9 42	9 55	19 1		n.a.
W20	5 47	17 40	3 10	1 54	0 11	10 7	1 25	26 21	3 47	0 48	1 6	17 3	2 26	20 3	0 46	15 5	1 27	29 17	5 35	9 41	9 56	19 1		n.a.
T 21	5 23	15 44	2 13	1 10	0 17	9 38	1 25	26 14	3 43	0 53	1 6	17 4	2 26	20 4	0 46	15 4	1 27	29 17	5 35	9 41	9 57	19 0		n.a.
F 22	5 0	13 4	1 10	0 26	0 24	9 9	1 24	26 8	3 39	0 59	1 6	17 6	2 26	20 4	0 46	15 3	1 27	29 17	5 35	9 41	9 58	19 0		n.a.
S 23	4 36	9 47	0 2	0s17	0 31	8 39	1 24	26 1	3 36	1 4	1 6	17 7	2 26	20 4	0 46	15 3	1 27	29 17	5 35	9 41	9 59	19 0		n.a.
S 24	4 12	6 1	1s 7	1 1	0 37	8 9	1 23	25 55	3 32	1 9	1 6	17 8	2 26	20 5	0 46	15 2	1 27	29 17	5 35	9 41	10 1	19 0		n.a.
M25	3 48	1 54	2 14	1 44	0 44	7 39	1 22	25 48	3 29	1 15	1 5	17 9	2 26	20 5	0 46	15 1	1 27	29 17	5 35	9 41	10 2	19 0		n.a.
T 26	3 24	2n22	3 15	2 27	0 51	7 8	1 21	25 41	3 25	1 20	1 5	17 10	2 26	20 5	0 46	15 1	1 27	29 17	5 35	9 42	10 3	18 59		n.a.
W27	2 59	6 36	4 6	3 9	0 57	6 38	1 21	25 34	3 22	1 25	1 5	17 11	2 25	20 6	0 46	15 0	1 27	29 17	5 34	9 43	10 4	18 59		n.a.
T 28	2 35	10 33	4 45	3 52	1 3	6 7	1 20	25 27	3 19	1 31	1 5	17 12	2 25	20 6	0 46	14 59	1 27	29 17	5 34	9 44	10 5	18 59		n.a.
F 29	2 11	14 1	5 9	4 34	1 10	5 36	1 19	25 20	3 15	1 36	1 5	17 14	2 25	20 6	0 46	14 59	1 27	29 17	5 34	9 45	10 6	18 59		n.a.
S 30	1n46	16n45	5s15	5s15	1s16	5n 5	1n18	25s13	3s12	1s42	1n 5	17s15	2s25	20s 7	0s46	14n58	1n27	29s17	5s34	9n45	10n 8	18s58		n.a.

Julian Day Number = 1288479.5, Delta T = 08h01m28s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'11, Lahiri = -20°19'10 Julian Calendar 1 Sept. 1186 BCE == Greg. Calendar 21 Aug. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

OCTOBER 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 52 52	26♍36'47	21♊32	11♎39	21♍35	22♉ 1	6♎53	20°R16	4°R48	24♑27	24♐23	5°D11	4♍ 9	17♉15	n.a.	S 1
M 2	23 56 49	27°37'16	5♋39	13° 8	22°50	22°26	7° 6	20♒12	4♒47	24°29	24°23	5♍12	4° 6	17°22	n.a.	M 2
T 3	0 0 45	28°37'48	19°53	14°36	24° 6	22°50	7°20	20° 9	4°46	24°31	24°24	5°13	4° 3	17°28	n.a.	T 3
W 4	0 4 42	29°38'22	4♑11	16° 4	25°21	23°16	7°33	20° 6	4°45	24°33	24°24	5°14	4° 0	17°35	n.a.	W 4
T 5	0 8 38	0♎38'58	18°31	17°31	26°37	23°41	7°46	20° 3	4°44	24°35	24°25	5°15	3°56	17°42	n.a.	T 5
F 6	0 12 35	1°39'35	2♍48	18°58	27°53	24° 7	8° 0	20° 0	4°43	24°36	24°25	5°R16	3°53	17°48	n.a.	F 6
S 7	0 16 32	2°40'15	16°59	20°24	29° 8	24°33	8°13	19°57	4°42	24°38	24°26	5°16	3°50	17°55	n.a.	S 7
S 8	0 20 28	3°40'56	1♎ 0	21°49	0♎24	25° 0	8°26	19°54	4°41	24°40	24°26	5°14	3°47	18° 2	n.a.	S 8
M 9	0 24 25	4°41'38	14°46	23°13	1°39	25°27	8°40	19°52	4°40	24°42	24°27	5°10	3°44	18° 8	n.a.	M 9
T 10	0 28 21	5°42'23	28°14	24°37	2°55	25°54	8°53	19°49	4°39	24°44	24°27	5° 6	3°40	18°15	n.a.	T 10
W11	0 32 18	6°43'08	11♏22	26° 0	4°11	26°22	9° 7	19°46	4°38	24°46	24°28	5° 0	3°37	18°22	n.a.	W11
T 12	0 36 14	7°43'55	24°10	27°22	5°26	26°50	9°20	19°44	4°38	24°47	24°28	4°55	3°34	18°28	n.a.	T 12
F 13	0 40 11	8°44'44	6♐40	28°42	6°42	27°18	9°34	19°42	4°37	24°49	24°29	4°50	3°31	18°35	n.a.	F 13
S 14	0 44 7	9°45'33	18°53	0♏ 2	7°58	27°47	9°47	19°40	4°36	24°51	24°30	4°46	3°28	18°42	n.a.	S 14
S 15	0 48 4	10°46'24	0♑54	1°20	9°13	28°15	10° 0	19°37	4°36	24°53	24°31	4°44	3°25	18°48	n.a.	S 15
M16	0 52 1	11°47'16	12°47	2°36	10°29	28°44	10°14	19°35	4°35	24°54	24°31	4°D43	3°21	18°55	n.a.	M16
T 17	0 55 57	12°48'09	24°37	3°51	11°45	29°14	10°27	19°34	4°35	24°56	24°32	4°44	3°18	19° 2	n.a.	T 17
W18	0 59 54	13°49'04	6♒29	5° 3	13° 0	29°43	10°41	19°32	4°34	24°57	24°33	4°46	3°15	19° 9	n.a.	W18
T 19	1 3 50	14°49'59	18°29	6°13	14°16	0♒13	10°54	19°30	4°34	24°59	24°34	4°47	3°12	19°15	n.a.	T 19
F 20	1 7 47	15°50'55	0♓40	7°20	15°31	0°43	11° 8	19°29	4°34	25° 1	24°35	4°R48	3° 9	19°22	n.a.	F 20
S 21	1 11 43	16°51'52	13° 7	8°24	16°47	1°14	11°21	19°27	4°33	25° 2	24°35	4°48	3° 5	19°29	n.a.	S 21
S 22	1 15 40	17°52'50	25°52	9°25	18° 3	1°44	11°34	19°26	4°33	25° 4	24°36	4°46	3° 2	19°35	n.a.	S 22
M23	1 19 36	18°53'50	8♈57	10°21	19°18	2°15	11°48	19°24	4°33	25° 5	24°37	4°42	2°59	19°42	n.a.	M23
T 24	1 23 33	19°54'50	22°21	11°13	20°34	2°46	12° 1	19°23	4°33	25° 7	24°38	4°35	2°56	19°49	n.a.	T 24
W25	1 27 29	20°55'51	6♉ 3	11°59	21°49	3°17	12°15	19°22	4°33	25° 8	24°39	4°28	2°53	19°55	n.a.	W25
T 26	1 31 26	21°56'54	19°59	12°40	23° 5	3°48	12°28	19°21	4°D33	25°10	24°40	4°19	2°50	20° 2	n.a.	T 26
F 27	1 35 23	22°57'58	4♊ 5	13°13	24°21	4°20	12°41	19°20	4°33	25°11	24°41	4°12	2°46	20° 9	n.a.	F 27
S 28	1 39 19	23°59'03	18°17	13°39	25°36	4°52	12°55	19°20	4°33	25°12	24°42	4° 5	2°43	20°15	n.a.	S 28
S 29	1 43 16	25° 0'10	2♋29	13°57	26°52	5°24	13° 8	19°19	4°33	25°14	24°43	4° 1	2°40	20°22	n.a.	S 29
M30	1 47 12	26° 1'17	16°41	14°R 5	28° 7	5°56	13°21	19°19	4°33	25°15	24°44	3°58	2°37	20°29	n.a.	M30
T 31	1 51 9	27♎ 2'26	0♑48	14♏ 3	29♎23	6♒28	13♎35	19♒18	4♒33	25♑16	24♐46	3°D58	2♍34	20♉35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1n22	18n31	5s 3	5s56	1s22	4n34	1n17	25s 6	3s 9	1s47	1n 5	17s16	2s25	20s 7	0s46	14n57	1n27	29s17	5s34	9n46	10n 9	18s58			n.a.
M 2	0 58	19 11	4 32	6 37	1 28	4 3	1 16	24 59	3 5	1 52	1 5	17 16	2 25	20 7	0 46	14 57	1 27	29 16	5 34	9 46	10 10	18 58			n.a.
T 3	0 33	18 38	3 44	7 17	1 34	3 31	1 14	24 51	3 2	1 58	1 5	17 17	2 25	20 7	0 46	14 56	1 27	29 16	5 34	9 45	10 11	18 58			n.a.
W 4	0 9	16 54	2 43	7 57	1 40	3 0	1 13	24 44	2 59	2 3	1 5	17 18	2 25	20 8	0 45	14 55	1 27	29 16	5 34	9 45	10 12	18 57			n.a.
T 5	0s16	14 5	1 31	8 36	1 45	2 28	1 12	24 36	2 56	2 9	1 5	17 19	2 25	20 8	0 45	14 55	1 27	29 16	5 34	9 44	10 14	18 57			n.a.
F 6	0 40	10 26	0 14	9 15	1 51	1 56	1 11	24 28	2 53	2 14	1 5	17 20	2 24	20 8	0 45	14 54	1 27	29 16	5 34	9 44	10 15	18 57			n.a.
S 7	1 5	6 12	1n 4	9 53	1 56	1 24	1 9	24 21	2 50	2 20	1 5	17 21	2 24	20 8	0 45	14 54	1 27	29 16	5 34	9 44	10 16	18 57			n.a.
S 8	1 29	1 41	2 17	10 30	2 1	0 52	1 8	24 13	2 47	2 25	1 4	17 22	2 24	20 8	0 45	14 53	1 27	29 16	5 34	9 45	10 17	18 56			n.a.
M 9	1 54	2s51	3 20	11 6	2 5	0 21	1 6	24 5	2 44	2 30	1 4	17 22	2 24	20 9	0 45	14 52	1 27	29 16	5 33	9 46	10 18	18 56			n.a.
T 10	2 18	7 8	4 10	11 42	2 10	0s11	1 5	23 57	2 41	2 36	1 4	17 23	2 24	20 9	0 45	14 52	1 28	29 16	5 33	9 48	10 19	18 56			n.a.
W11	2 43	10 57	4 46	12 16	2 14	0 43	1 3	23 48	2 38	2 41	1 4	17 24	2 24	20 9	0 45	14 51	1 28	29 16	5 33	9 50	10 21	18 56			n.a.
T 12	3 7	14 10	5 7	12 50	2 18	1 15	1 2	23 40	2 35	2 47	1 4	17 24	2 24	20 9	0 45	14 51	1 28	29 16	5 33	9 52	10 22	18 55			n.a.
F 13	3 31	16 39	5 12	13 23	2 21	1 47	1 0	23 31	2 32	2 52	1 4	17 25	2 23	20 9	0 45	14 50	1 28	29 16	5 33	9 54	10 23	18 55			n.a.
S 14	3 56	18 20	5 3	13 54	2 24	2 19	0 58	23 23	2 29	2 57	1 4	17 25	2 23	20 9	0 45	14 50	1 28	29 16	5 33	9 55	10 24	18 55			n.a.
S 15	4 20	19 10	4 40	14 25	2 27	2 51	0 56	23 14	2 26	3 3	1 4	17 26	2 23	20 9	0 45	14 49	1 28	29 16	5 33	9 56	10 25	18 54			n.a.
M16	4 44	19 8	4 6	14 54	2 29	3 23	0 55	23 5	2 24	3 8	1 4	17 26	2 23	20 10	0 45	14 49	1 28	29 16	5 33	9 56	10 26	18 54			n.a.
T 17	5 8	18 15	3 21	15 21	2 30	3 55	0 53	22 57	2 21	3 14	1 4	17 27	2 23	20 10	0 45	14 48	1 28	29 16	5 33	9 56	10 28	18 54			n.a.
W18	5 32	16 34	2 28	15 47	2 31	4 26	0 51	22 48	2 18	3 19	1 4	17 27	2 23	20 10	0 45	14 48	1 28	29 16	5 33	9 55	10 29	18 53			n.a.
T 19	5 56	14 9	1 28	16 12	2 32	4 58	0 49	22 38	2 16	3 24	1 4	17 28	2 22	20 10	0 45	14 47	1 28	29 16	5 33	9 55	10 30	18 53			n.a.
F 20	6 20	11 4	0 23	16 34	2 32	5 29	0 47	22 29	2 13	3 30	1 4	17 28	2 22	20 10	0 45	14 47	1 28	29 16	5 33	9 54	10 31	18 53			n.a.
S 21	6 44	7 26	0s45	16 55	2 31	6 1	0 45	22 20	2 10	3 35	1 4	17 28	2 22	20 10	0 45	14 46	1 28	29 16	5 33	9 54	10 32	18 53			n.a.
S 22	7 8	3 22	1 52	17 13	2 29	6 32	0 43	22 10	2 8	3 41	1 4	17 29	2 22	20 10	0 45	14 46	1 28	29 16	5 33	9 55	10 33	18 52			n.a.
M23	7 31	0n57	2 54	17 29	2 26	7 3	0 41	22 1	2 5	3 46	1 4	17 29	2 22	20 10	0 45	14 45	1 28	29 15	5 32	9 57	10 35	18 52			n.a.
T 24	7 55	5 19	3 48	17 42	2 23	7 34	0 39	21 51	2 3	3 51	1 4	17 29	2 21	20 10	0 45	14 45	1 28	29 15	5 32	9 59	10 36	18 52			n.a.
W25	8 18	9 30	4 31	17 52	2 18	8 4	0 37	21 41	2 0	3 57	1 4	17 29	2 21	20 10	0 45	14 44	1 28	29 15	5 32	10 2	10 37	18 51			n.a.
T 26	8 41	13 15	4 58	17 59	2 12	8 35	0 35	21 32	1 58	4 2	1 4	17 29	2 21	20 10	0 45	14 44	1 28	29 15	5 32	10 5	10 38	18 51			n.a.
F 27	9 4	16 17	5 7	18 3	2 5	9 5	0 32	21 22	1 56	4 7	1 4	17 29	2 21	20 10	0 45	14 43	1 28	29 15	5 32	10 8	10 39	18 51			n.a.
S 28	9 27	18 22	4 58	18 3	1 57	9 35	0 30	21 11	1 53	4 12	1 4	17 29	2 21	20 10	0 45	14 43	1 28	29 15	5 32	10 10	10 40	18 50			n.a.
S 29	9 50	19 18	4 30	17 59	1 47	10 5	0 28	21 1	1 51	4 18	1 4	17 29	2 21	20 10	0 45	14 42	1 28	29 15	5 32	10 12	10 42	18 50			n.a.
M30	10 13	19 2	3 46	17 51	1 36	10 35	0 26	20 51	1 48	4 23	1 4	17 29	2 20	20 10	0 45	14 42	1 28	29 15	5 32	10 13	10 43	18 50			n.a.
T 31	10s35	17n34	2s49	17s38	1s23	11s 4	0n23	20s40	1s46	4s28	1n 3	17s29	2s20	20s10	0s45	14n42	1n28	29s15	5s32	10n13	10n44	18s49			n.a.

Julian Day Number = 1288509.5, Delta T = 08h01m26s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'07, Lahiri = -20°19'06 Julian Calendar 1 Oct. 1186 BCE == Greg. Calendar 20 Sept. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

NOVEMBER 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 55 5	28♎ 3'36	14♌51	13°R50	0♏38	7♒ 1	13♎48	19°R18	4♒34	25♌18	24♐47	3♍59	2♍31	20♑42	n.a.	W 1
T 2	1 59 2	29° 4'47	28°47	13♏26	1°54	7°33	14° 1	19♒18	4°34	25°19	24°48	4°R 0	2°27	20°49	n.a.	T 2
F 3	2 2 59	0♏ 5'59	12♍38	12°51	3°10	8° 6	14°14	19°D18	4°34	25°20	24°49	3°59	2°24	20°55	n.a.	F 3
S 4	2 6 55	1° 7'12	26°21	12° 5	4°25	8°39	14°28	19°18	4°35	25°21	24°50	3°57	2°21	21° 2	n.a.	S 4
S 5	2 10 52	2° 8'26	9♎55	11° 7	5°41	9°12	14°41	19°18	4°35	25°22	24°52	3°52	2°18	21° 9	n.a.	S 5
M 6	2 14 48	3° 9'40	23°18	10° 1	6°56	9°45	14°54	19°18	4°36	25°23	24°53	3°44	2°15	21°15	n.a.	M 6
T 7	2 18 45	4°10'55	6♏29	8°47	8°12	10°19	15° 7	19°19	4°37	25°24	24°54	3°34	2°11	21°22	n.a.	T 7
W 8	2 22 41	5°12'11	19°25	7°27	9°27	10°53	15°20	19°19	4°37	25°25	24°55	3°23	2° 8	21°29	n.a.	W 8
T 9	2 26 38	6°13'28	2♐ 6	6° 5	10°43	11°26	15°33	19°20	4°38	25°27	24°57	3°11	2° 5	21°35	n.a.	T 9
F 10	2 30 34	7°14'44	14°31	4°42	11°58	12° 0	15°46	19°20	4°39	25°27	24°58	2°59	2° 2	21°42	n.a.	F 10
S 11	2 34 31	8°16'01	26°43	3°23	13°14	12°34	15°59	19°21	4°39	25°28	24°59	2°50	1°59	21°49	n.a.	S 11
S 12	2 38 28	9°17'19	8♑42	2° 8	14°29	13° 8	16°12	19°22	4°40	25°29	25° 1	2°43	1°56	21°56	n.a.	S 12
M13	2 42 24	10°18'36	20°34	1° 1	15°45	13°43	16°25	19°23	4°41	25°30	25° 2	2°38	1°52	22° 2	n.a.	M13
T 14	2 46 21	11°19'54	2♒23	0° 3	17° 0	14°17	16°38	19°24	4°42	25°31	25° 4	2°36	1°49	22° 9	n.a.	T 14
W15	2 50 17	12°21'11	14°13	29♎15	18°16	14°52	16°51	19°26	4°43	25°32	25° 5	2°D36	1°46	22°16	n.a.	W15
T 16	2 54 14	13°22'29	26°11	28°38	19°31	15°26	17° 4	19°27	4°44	25°33	25° 7	2°R36	1°43	22°22	n.a.	T 16
F 17	2 58 10	14°23'46	8♓21	28°12	20°47	16° 1	17°16	19°29	4°45	25°33	25° 8	2°36	1°40	22°29	n.a.	F 17
S 18	3 2 7	15°25'03	20°49	27°56	22° 2	16°36	17°29	19°30	4°47	25°34	25°10	2°34	1°36	22°36	n.a.	S 18
S 19	3 6 3	16°26'20	3♈40	27°D50	23°18	17°11	17°42	19°32	4°48	25°35	25°11	2°31	1°33	22°42	n.a.	S 19
M20	3 10 0	17°27'37	16°55	27°54	24°33	17°46	17°54	19°34	4°49	25°36	25°13	2°24	1°30	22°49	n.a.	M20
T 21	3 13 57	18°28'54	0♉36	28° 7	25°48	18°21	18° 7	19°36	4°50	25°36	25°14	2°15	1°27	22°56	n.a.	T 21
W22	3 17 53	19°30'11	14°40	28°27	27° 4	18°57	18°19	19°38	4°52	25°37	25°16	2° 4	1°24	23° 2	n.a.	W22
T 23	3 21 50	20°31'28	29° 3	28°55	28°19	19°32	18°32	19°40	4°53	25°37	25°17	1°51	1°21	23° 9	n.a.	T 23
F 24	3 25 46	21°32'45	13♊38	29°30	29°34	20° 7	18°44	19°42	4°54	25°38	25°19	1°40	1°17	23°16	n.a.	F 24
S 25	3 29 43	22°34'02	28°18	0♏10	0♐50	20°43	18°56	19°45	4°56	25°38	25°21	1°29	1°14	23°22	n.a.	S 25
S 26	3 33 39	23°35'19	12♋55	0°56	2° 5	21°19	19° 9	19°47	4°57	25°39	25°22	1°22	1°11	23°29	n.a.	S 26
M27	3 37 36	24°36'36	27°24	1°47	3°21	21°54	19°21	19°50	4°59	25°39	25°24	1°17	1° 8	23°36	n.a.	M27
T 28	3 41 33	25°37'53	11♌40	2°41	4°36	22°30	19°33	19°52	5° 1	25°40	25°25	1°15	1° 5	23°42	n.a.	T 28
W29	3 45 29	26°39'10	25°42	3°39	5°51	23° 6	19°45	19°55	5° 2	25°40	25°27	1°15	1° 2	23°49	n.a.	W29
T 30	3 49 26	27♏40'27	9♍30	4♏41	7♐ 6	23♒42	19♎57	19♒58	5♒ 4	25♌40	25♐29	1♍15	0♍58	23♑56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s57	15n 2	1s41	17s21	1s 9	11s33	0n21	20s30	1s44	4s34	1n 3	17s29	2s20	20s 9	0s45	14n41	1n29	29s15	5s32	10n13	10n45	18s49		n.a.
T 2	11 20	11 39	0 28	16 58	0 53	12 2	0 19	20 19	1 42	4 39	1 3	17 29	2 20	20 9	0 45	14 41	1 29	29 15	5 32	10 12	10 46	18 49		n.a.
F 3	11 42	7 38	0n46	16 31	0 36	12 31	0 17	20 8	1 39	4 44	1 3	17 29	2 20	20 9	0 44	14 41	1 29	29 15	5 32	10 12	10 47	18 48		n.a.
S 4	12 3	3 15	1 57	15 59	0 17	12 59	0 14	19 58	1 37	4 49	1 3	17 29	2 19	20 9	0 44	14 40	1 29	29 15	5 32	10 13	10 48	18 48		n.a.
S 5	12 25	1s14	3 0	15 22	0n 2	13 27	0 12	19 46	1 35	4 54	1 3	17 29	2 19	20 9	0 44	14 40	1 29	29 15	5 32	10 15	10 50	18 47		n.a.
M 6	12 46	5 37	3 52	14 42	0 23	13 54	0 10	19 35	1 33	4 59	1 3	17 28	2 19	20 9	0 44	14 40	1 29	29 15	5 32	10 18	10 51	18 47		n.a.
T 7	13 7	9 39	4 31	13 59	0 43	14 21	0 7	19 24	1 31	5 5	1 3	17 28	2 19	20 9	0 44	14 39	1 29	29 15	5 32	10 22	10 52	18 47		n.a.
W 8	13 28	13 9	4 54	13 14	1 3	14 48	0 5	19 13	1 29	5 10	1 3	17 28	2 19	20 8	0 44	14 39	1 29	29 15	5 32	10 26	10 53	18 46		n.a.
T 9	13 49	15 58	5 3	12 28	1 23	15 15	0 2	19 1	1 27	5 15	1 3	17 27	2 18	20 8	0 44	14 39	1 29	29 15	5 32	10 30	10 54	18 46		n.a.
F 10	14 9	18 0	4 57	11 43	1 41	15 41	0 0	18 50	1 25	5 20	1 3	17 27	2 18	20 8	0 44	14 38	1 29	29 15	5 31	10 34	10 55	18 46		n.a.
S 11	14 30	19 10	4 38	11 0	1 58	16 6	0s 2	18 38	1 23	5 25	1 3	17 26	2 18	20 8	0 44	14 38	1 29	29 15	5 31	10 38	10 57	18 45		n.a.
S 12	14 49	19 27	4 6	10 20	2 13	16 31	0 5	18 26	1 21	5 30	1 3	17 26	2 18	20 7	0 44	14 38	1 29	29 15	5 31	10 41	10 58	18 45		n.a.
M13	15 9	18 52	3 24	9 45	2 26	16 56	0 7	18 14	1 19	5 35	1 3	17 25	2 17	20 7	0 44	14 38	1 29	29 15	5 31	10 42	10 59	18 44		n.a.
T 14	15 29	17 28	2 34	9 15	2 36	17 20	0 9	18 2	1 17	5 40	1 3	17 25	2 17	20 7	0 44	14 37	1 29	29 15	5 31	10 43	11 0	18 44		n.a.
W15	15 48	15 18	1 36	8 50	2 44	17 44	0 12	17 50	1 15	5 45	1 3	17 24	2 17	20 7	0 44	14 37	1 29	29 15	5 31	10 43	11 1	18 44		n.a.
T 16	16 7	12 28	0 34	8 31	2 50	18 8	0 14	17 38	1 13	5 50	1 3	17 23	2 17	20 6	0 44	14 37	1 29	29 15	5 31	10 43	11 2	18 43		n.a.
F 17	16 25	9 3	0s31	8 18	2 54	18 30	0 17	17 26	1 11	5 55	1 3	17 23	2 17	20 6	0 44	14 37	1 29	29 16	5 31	10 43	11 4	18 43		n.a.
S 18	16 44	5 9	1 35	8 10	2 57	18 53	0 19	17 13	1 10	6 0	1 4	17 22	2 16	20 6	0 44	14 36	1 30	29 16	5 31	10 44	11 5	18 42		n.a.
S 19	17 2	0 55	2 37	8 7	2 57	19 15	0 21	17 1	1 8	6 5	1 4	17 21	2 16	20 5	0 44	14 36	1 30	29 16	5 31	10 45	11 6	18 42		n.a.
M20	17 19	3n30	3 32	8 10	2 56	19 36	0 24	16 48	1 6	6 10	1 4	17 21	2 16	20 5	0 44	14 36	1 30	29 16	5 31	10 47	11 7	18 41		n.a.
T 21	17 37	7 52	4 17	8 16	2 54	19 57	0 26	16 36	1 4	6 14	1 4	17 20	2 16	20 5	0 44	14 36	1 30	29 16	5 31	10 51	11 8	18 41		n.a.
W22	17 54	11 56	4 47	8 27	2 51	20 17	0 28	16 23	1 2	6 19	1 4	17 19	2 16	20 4	0 44	14 36	1 30	29 16	5 31	10 55	11 9	18 41		n.a.
T 23	18 10	15 23	5 0	8 40	2 47	20 36	0 30	16 10	1 1	6 24	1 4	17 18	2 15	20 4	0 44	14 36	1 30	29 16	5 31	10 59	11 10	18 40		n.a.
F 24	18 27	17 57	4 54	8 57	2 42	20 55	0 33	15 57	0 59	6 29	1 4	17 17	2 15	20 4	0 44	14 36	1 30	29 16	5 31	11 4	11 12	18 40		n.a.
S 25	18 43	19 20	4 29	9 17	2 36	21 14	0 35	15 44	0 57	6 33	1 4	17 16	2 15	20 3	0 44	14 35	1 30	29 16	5 31	11 7	11 13	18 39		n.a.
S 26	18 59	19 27	3 46	9 39	2 30	21 32	0 37	15 31	0 56	6 38	1 4	17 15	2 15	20 3	0 44	14 35	1 30	29 16	5 31	11 10	11 14	18 39		n.a.
M27	19 14	18 16	2 49	10 2	2 24	21 49	0 39	15 17	0 54	6 43	1 4	17 14	2 15	20 2	0 44	14 35	1 30	29 16	5 31	11 12	11 15	18 38		n.a.
T 28	19 29	15 57	1 42	10 28	2 17	22 5	0 41	15 4	0 52	6 47	1 4	17 13	2 14	20 2	0 44	14 35	1 30	29 16	5 31	11 12	11 16	18 38		n.a.
W29	19 44	12 42	0 29	10 55	2 10	22 21	0 44	14 50	0 51	6 52	1 4	17 12	2 14	20 1	0 44	14 35	1 30	29 16	5 31	11 13	11 17	18 38		n.a.
T 30	19s58	8n48	0n44	11s23	2n 2	22s36	0s46	14s37	0s49	6s57	1n 4	17s11	2s14	20s 1	0s44	14n35	1n30	29s16	5s31	11n13	11n18	18s37		n.a.

Julian Day Number = 1288540.5, Delta T = 08h01m25s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°26'02, Lahiri = -20°19'02 Julian Calendar 1 Nov. 1186 BCE == Greg. Calendar 21 Oct. 1186 BCE

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ASTRODIENST EPHEMERIS for the year 1186 BCE
geocentric

DECEMBER 1186 BCE (-1185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 53 22	28♏41'43	23♍ 4	5♏45	8♐22	24♒18	20♎ 9	20♒ 1	5♒ 6	25♌41	25♐30	1°R13	0♍55	24♉ 2	n.a.	F 1
S 2	3 57 19	29°43'00	6♎26	6°53	9°37	24°54	20°21	20° 4	5° 8	25°41	25°32	1♍10	0°52	24° 9	n.a.	S 2
S 3	4 1 15	0♐44'17	19°37	8° 2	10°52	25°30	20°33	20° 7	5°10	25°41	25°34	1° 4	0°49	24°16	n.a.	S 3
M 4	4 5 12	1°45'33	2♏37	9°14	12° 8	26° 6	20°45	20°10	5°11	25°41	25°36	0°54	0°46	24°22	n.a.	M 4
T 5	4 9 8	2°46'49	15°26	10°27	13°23	26°43	20°56	20°14	5°13	25°41	25°37	0°42	0°42	24°29	n.a.	T 5
W 6	4 13 5	3°48'04	28° 4	11°42	14°38	27°19	21° 8	20°17	5°15	25°41	25°39	0°28	0°39	24°36	n.a.	W 6
T 7	4 17 2	4°49'19	10♐31	12°59	15°53	27°55	21°19	20°21	5°17	25°41	25°41	0°13	0°36	24°42	n.a.	T 7
F 8	4 20 58	5°50'33	22°46	14°17	17° 9	28°32	21°31	20°25	5°19	25°42	25°43	29♌59	0°33	24°49	n.a.	F 8
S 9	4 24 55	6°51'47	4♑51	15°37	18°24	29° 9	21°42	20°28	5°22	25°R42	25°44	29°47	0°30	24°56	n.a.	S 9
S 10	4 28 51	7°53'00	16°47	16°57	19°39	29°45	21°53	20°32	5°24	25°41	25°46	29°37	0°27	25° 2	n.a.	S 10
M11	4 32 48	8°54'11	28°37	18°19	20°54	0♓22	22° 5	20°36	5°26	25°41	25°48	29°30	0°23	25° 9	n.a.	M11
T 12	4 36 44	9°55'22	10♒24	19°42	22° 9	0°59	22°16	20°40	5°28	25°41	25°50	29°27	0°20	25°16	n.a.	T 12
W13	4 40 41	10°56'32	22°12	21° 6	23°24	1°35	22°27	20°44	5°30	25°41	25°52	29°25	0°17	25°22	n.a.	W13
T 14	4 44 38	11°57'40	4♓ 7	22°30	24°40	2°12	22°38	20°49	5°33	25°41	25°53	29°D25	0°14	25°29	n.a.	T 14
F 15	4 48 34	12°58'47	16°14	23°56	25°55	2°49	22°49	20°53	5°35	25°41	25°55	29°R25	0°11	25°36	n.a.	F 15
S 16	4 52 31	13°59'53	28°39	25°22	27°10	3°26	22°59	20°57	5°37	25°41	25°57	29°24	0° 8	25°42	n.a.	S 16
S 17	4 56 27	15° 0'58	11♈26	26°49	28°25	4° 3	23°10	21° 2	5°40	25°40	25°59	29°21	0° 4	25°49	n.a.	S 17
M18	5 0 24	16° 2'01	24°41	28°17	29°40	4°40	23°21	21° 6	5°42	25°40	26° 1	29°16	0° 1	25°56	n.a.	M18
T 19	5 4 20	17° 3'04	8♉24	29°46	0♑55	5°17	23°31	21°11	5°45	25°40	26° 3	29° 8	29♌58	26° 2	n.a.	T 19
W20	5 8 17	18° 4'05	22°36	1♐15	2°10	5°54	23°42	21°16	5°47	25°39	26° 4	28°58	29°55	26° 9	n.a.	W20
T 21	5 12 13	19° 5'04	7♊13	2°45	3°25	6°31	23°52	21°21	5°50	25°39	26° 6	28°47	29°52	26°16	n.a.	T 21
F 22	5 16 10	20° 6'03	22° 8	4°16	4°40	7° 9	24° 2	21°26	5°53	25°38	26° 8	28°36	29°48	26°22	n.a.	F 22
S 23	5 20 7	21° 7'00	7♋12	5°47	5°55	7°46	24°12	21°31	5°55	25°38	26°10	28°27	29°45	26°29	n.a.	S 23
S 24	5 24 3	22° 7'56	22°15	7°19	7°10	8°23	24°22	21°36	5°58	25°38	26°12	28°20	29°42	26°36	n.a.	S 24
M25	5 28 0	23° 8'52	7♌ 7	8°52	8°25	9° 0	24°32	21°41	6° 0	25°37	26°14	28°15	29°39	26°43	n.a.	M25
T 26	5 31 56	24° 9'46	21°43	10°26	9°40	9°38	24°42	21°46	6° 3	25°36	26°16	28°D14	29°36	26°49	n.a.	T 26
W27	5 35 53	25°10'38	5♍59	12° 0	10°54	10°15	24°52	21°51	6° 6	25°36	26°17	28°14	29°33	26°56	n.a.	W27
T 28	5 39 49	26°11'30	19°53	13°35	12° 9	10°52	25° 1	21°57	6° 9	25°35	26°19	28°R14	29°29	27° 3	n.a.	T 28
F 29	5 43 46	27°12'21	3♎26	15°11	13°24	11°30	25°11	22° 2	6°12	25°35	26°21	28°14	29°26	27° 9	n.a.	F 29
S 30	5 47 42	28°13'11	16°40	16°47	14°39	12° 7	25°20	22° 8	6°14	25°34	26°23	28°13	29°23	27°16	n.a.	S 30
S 31	5 51 39	29♐13'59	29♎38	18♐24	15♑54	12♓45	25♎29	22♒13	6♒17	25♌33	26♐25	28♌ 8	29♌20	27♑23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s12	4n31	1n53	11s52	1n54	22s51	0s48	14s23	0s48	7s 1	1n 4	17s10	2s14	20s 1	0s44	14n35	1n30	29s16	5s31	11n13	11n20	18s37		n.a.	F 1
S 2	20 25	0 4	2 54	12 22	1 46	23 5	0 50	14 10	0 46	7 6	1 4	17 9	2 14	20 0	0 44	14 35	1 30	29 16	5 31	11 14	11 21	18 36		n.a.	S 2
S 3	20 38	4s19	3 46	12 52	1 38	23 18	0 52	13 56	0 45	7 10	1 4	17 7	2 14	20 0	0 43	14 35	1 30	29 16	5 31	11 17	11 22	18 36		n.a.	S 3
M 4	20 51	8 27	4 25	13 23	1 30	23 30	0 54	13 42	0 43	7 14	1 4	17 6	2 13	19 59	0 43	14 35	1 30	29 16	5 31	11 20	11 23	18 35		n.a.	M 4
T 5	21 4	12 7	4 49	13 54	1 22	23 42	0 56	13 28	0 42	7 19	1 4	17 5	2 13	19 59	0 43	14 35	1 31	29 16	5 31	11 24	11 24	18 35		n.a.	T 5
W 6	21 15	15 12	4 59	14 25	1 14	23 53	0 58	13 14	0 40	7 23	1 4	17 3	2 13	19 58	0 43	14 35	1 31	29 17	5 31	11 29	11 25	18 34		n.a.	W 6
T 7	21 27	17 32	4 55	14 57	1 6	24 4	1 0	13 0	0 39	7 28	1 4	17 2	2 13	19 57	0 43	14 35	1 31	29 17	5 31	11 35	11 26	18 34		n.a.	T 7
F 8	21 38	19 2	4 37	15 28	0 58	24 13	1 1	12 46	0 37	7 32	1 4	17 1	2 13	19 57	0 43	14 35	1 31	29 17	5 31	11 40	11 28	18 33		n.a.	F 8
S 9	21 49	19 38	4 6	16 0	0 50	24 22	1 3	12 31	0 36	7 36	1 4	16 59	2 12	19 56	0 43	14 35	1 31	29 17	5 31	11 44	11 29	18 33		n.a.	S 9
S 10	21 59	19 22	3 25	16 31	0 42	24 30	1 5	12 17	0 35	7 40	1 4	16 58	2 12	19 56	0 43	14 35	1 31	29 17	5 31	11 48	11 30	18 32		n.a.	S 10
M11	22 9	18 14	2 35	17 2	0 34	24 37	1 7	12 2	0 33	7 45	1 4	16 56	2 12	19 55	0 43	14 35	1 31	29 17	5 31	11 50	11 31	18 32		n.a.	M11
T 12	22 18	16 20	1 39	17 32	0 26	24 44	1 8	11 48	0 32	7 49	1 4	16 55	2 12	19 55	0 43	14 35	1 31	29 17	5 31	11 51	11 32	18 31		n.a.	T 12
W13	22 27	13 44	0 38	18 2	0 18	24 50	1 10	11 33	0 30	7 53	1 5	16 53	2 12	19 54	0 43	14 35	1 31	29 17	5 31	11 52	11 33	18 31		n.a.	W13
T 14	22 36	10 33	0s25	18 32	0 10	24 55	1 11	11 19	0 29	7 57	1 5	16 52	2 12	19 53	0 43	14 36	1 31	29 17	5 31	11 52	11 34	18 30		n.a.	T 14
F 15	22 44	6 52	1 28	19 1	0 3	24 59	1 13	11 4	0 28	8 1	1 5	16 50	2 11	19 53	0 43	14 36	1 31	29 17	5 31	11 52	11 36	18 30		n.a.	F 15
S 16	22 51	2 49	2 29	19 30	0s 5	25 3	1 14	10 49	0 27	8 5	1 5	16 49	2 11	19 52	0 43	14 36	1 31	29 17	5 31	11 52	11 37	18 29		n.a.	S 16
S 17	22 59	1n29	3 24	19 58	0 12	25 5	1 16	10 34	0 25	8 9	1 5	16 47	2 11	19 52	0 43	14 36	1 31	29 18	5 31	11 53	11 38	18 29		n.a.	S 17
M18	23 5	5 51	4 10	20 25	0 19	25 7	1 17	10 20	0 24	8 13	1 5	16 45	2 11	19 51	0 43	14 36	1 31	29 18	5 31	11 55	11 39	18 28		n.a.	M18
T 19	23 11	10 4	4 43	20 51	0 26	25 8	1 18	10 5	0 23	8 17	1 5	16 44	2 11	19 50	0 43	14 36	1 31	29 18	5 32	11 58	11 40	18 28		n.a.	T 19
W20	23 17	13 53	5 0	21 17	0 33	25 9	1 20	9 50	0 21	8 20	1 5	16 42	2 11	19 50	0 43	14 37	1 31	29 18	5 32	12 1	11 41	18 27		n.a.	W20
T 21	23 23	16 57	4 59	21 42	0 40	25 8	1 21	9 35	0 20	8 24	1 5	16 40	2 10	19 49	0 43	14 37	1 31	29 18	5 32	12 5	11 42	18 27		n.a.	T 21
F 22	23 27	18 59	4 38	22 6	0 46	25 7	1 22	9 19	0 19	8 28	1 5	16 39	2 10	19 48	0 43	14 37	1 32	29 18	5 32	12 9	11 43	18 26		n.a.	F 22
S 23	23 32	19 42	3 57	22 29	0 52	25 5	1 23	9 4	0 18	8 32	1 5	16 37	2 10	19 48	0 43	14 37	1 32	29 18	5 32	12 12	11 45	18 26		n.a.	S 23
S 24	23 36	19 1	2 59	22 51	0 58	25 2	1 24	8 49	0 17	8 35	1 5	16 35	2 10	19 47	0 43	14 37	1 32	29 18	5 32	12 15	11 46	18 25		n.a.	S 24
M25	23 39	17 1	1 50	23 12	1 4	24 59	1 25	8 34	0 16	8 39	1 5	16 33	2 10	19 46	0 43	14 38	1 32	29 18	5 32	12 16	11 47	18 25		n.a.	M25
T 26	23 42	13 57	0 35	23 32	1 10	24 54	1 26	8 18	0 14	8 42	1 6	16 31	2 10	19 46	0 43	14 38	1 32	29 19	5 32	12 17	11 48	18 24		n.a.	T 26
W27	23 45	10 6	0n41	23 51	1 15	24 49	1 27	8 3	0 13	8 46	1 6	16 29	2 9	19 45	0 43	14 38	1 32	29 19	5 32	12 17	11 49	18 23		n.a.	W27
T 28	23 47	5 48	1 53	24 8	1 20	24 43	1 28	7 48	0 12	8 49	1 6	16 27	2 9	19 44	0 43	14 38	1 32	29 19	5 32	12 17	11 50	18 23		n.a.	T 28
F 29	23 48	1 18	2 57	24 24	1 25	24 37	1 28	7 32	0 11	8 53	1 6	16 26	2 9	19 43	0 43	14 39	1 32	29 19	5 32	12 17	11 51	18 22		n.a.	F 29
S 30	23 49	3s 8	3 49	24 39	1 30	24 29	1 29	7 17	0 10	8 56	1 6	16 24	2 9	19 43	0 43	14 39	1 32	29 19	5 32	12 17	11 53	18 22		n.a.	S 30
S 31	23s50	7s21	4n28	24s53	1s34	24s21	1s30	7s 1	0s 9	9s 0	1n 6	16s22	2s 9	19s42	0s43	14n39	1n32	29s19	5s32	12n19	11n54	18s21		n.a.	S 31

Julian Day Number = 1288570.5, Delta T = 08h01m23s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'58, Lahiri = -20°18'58 Julian Calendar 1 Dec. 1186 BCE == Greg. Calendar 20 Nov. 1186 BCE

The year -1185 astronomical counting style corresponds to year 1186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

JANUARY 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 55 36	0♉14'46	12♏21	20♐ 2	17♉ 9	13♓22	25♎38	22♒19	6♒20	25°R32	26♐27	28°R 2	29♌17	27♉29	n.a.	M 1
T 2	5 59 32	1°15'32	24°52	21°41	18°23	14° 0	25°47	22°25	6°23	25♌32	26°29	27♌53	29°14	27°36	n.a.	T 2
W 3	6 3 29	2°16'17	7♐13	23°21	19°38	14°37	25°56	22°30	6°26	25°31	26°31	27°42	29°10	27°43	n.a.	W 3
T 4	6 7 25	3°17'00	19°25	25° 1	20°53	15°15	26° 5	22°36	6°29	25°30	26°32	27°31	29° 7	27°49	n.a.	T 4
F 5	6 11 22	4°17'41	1♉29	26°42	22° 7	15°52	26°14	22°42	6°32	25°29	26°34	27°21	29° 4	27°56	n.a.	F 5
S 6	6 15 18	5°18'21	13°26	28°25	23°22	16°30	26°22	22°48	6°35	25°28	26°36	27°11	29° 1	28° 3	n.a.	S 6
S 7	6 19 15	6°19'00	25°17	0♉ 7	24°37	17° 8	26°31	22°54	6°38	25°27	26°38	27° 4	28°58	28° 9	n.a.	S 7
M 8	6 23 12	7°19'36	7♒ 5	1°51	25°51	17°45	26°39	23° 0	6°41	25°26	26°40	27° 0	28°54	28°16	n.a.	M 8
T 9	6 27 8	8°20'11	18°52	3°36	27° 6	18°23	26°47	23° 7	6°44	25°25	26°42	26°57	28°51	28°23	n.a.	T 9
W10	6 31 5	9°20'44	0♓41	5°22	28°21	19° 1	26°55	23°13	6°47	25°24	26°43	26°D57	28°48	28°29	n.a.	W10
T 11	6 35 1	10°21'15	12°36	7° 8	29°35	19°38	27° 3	23°19	6°50	25°23	26°45	26°58	28°45	28°36	n.a.	T 11
F 12	6 38 58	11°21'43	24°42	8°55	0♒50	20°16	27°11	23°26	6°54	25°22	26°47	26°59	28°42	28°43	n.a.	F 12
S 13	6 42 54	12°22'10	7♈ 4	10°44	2° 4	20°54	27°18	23°32	6°57	25°21	26°49	27°R 0	28°39	28°49	n.a.	S 13
S 14	6 46 51	13°22'34	19°47	12°33	3°19	21°32	27°26	23°38	7° 0	25°20	26°51	27° 0	28°35	28°56	n.a.	S 14
M15	6 50 47	14°22'57	2♉55	14°23	4°33	22° 9	27°33	23°45	7° 3	25°19	26°53	26°59	28°32	29° 3	n.a.	M15
T 16	6 54 44	15°23'17	16°31	16°14	5°47	22°47	27°40	23°51	7° 6	25°18	26°54	26°55	28°29	29° 9	n.a.	T 16
W17	6 58 40	16°23'35	0♊36	18° 6	7° 2	23°25	27°47	23°58	7°10	25°17	26°56	26°50	28°26	29°16	n.a.	W17
T 18	7 2 37	17°23'52	15°10	19°58	8°16	24° 3	27°54	24° 5	7°13	25°15	26°58	26°44	28°23	29°23	n.a.	T 18
F 19	7 6 34	18°24'06	0♋ 6	21°51	9°30	24°41	28° 1	24°12	7°16	25°14	27° 0	26°38	28°20	29°29	n.a.	F 19
S 20	7 10 30	19°24'18	15°17	23°45	10°45	25°19	28° 7	24°18	7°19	25°13	27° 1	26°33	28°16	29°36	n.a.	S 20
S 21	7 14 27	20°24'28	0♌33	25°39	11°59	25°56	28°14	24°25	7°23	25°12	27° 3	26°29	28°13	29°43	n.a.	S 21
M22	7 18 23	21°24'36	15°43	27°34	13°13	26°34	28°20	24°32	7°26	25°10	27° 5	26°27	28°10	29°49	n.a.	M22
T 23	7 22 20	22°24'42	0♍39	29°29	14°27	27°12	28°26	24°39	7°29	25° 9	27° 7	26°D26	28° 7	29°56	n.a.	T 23
W24	7 26 16	23°24'46	15°13	1♒24	15°41	27°50	28°32	24°46	7°33	25° 8	27° 8	26°27	28° 4	0♒ 3	n.a.	W24
T 25	7 30 13	24°24'49	29°22	3°19	16°56	28°28	28°38	24°53	7°36	25° 7	27°10	26°29	28° 0	0° 9	n.a.	T 25
F 26	7 34 9	25°24'50	13♎ 5	5°14	18°10	29° 6	28°44	25° 0	7°39	25° 5	27°12	26°30	27°57	0°16	n.a.	F 26
S 27	7 38 6	26°24'49	26°23	7° 8	19°24	29°43	28°49	25° 7	7°43	25° 4	27°13	26°R31	27°54	0°22	n.a.	S 27
S 28	7 42 3	27°24'46	9♏20	9° 1	20°38	0♈21	28°54	25°14	7°46	25° 2	27°15	26°30	27°51	0°29	n.a.	S 28
M29	7 45 59	28°24'41	21°57	10°53	21°52	0°59	29° 0	25°21	7°50	25° 1	27°17	26°28	27°48	0°36	n.a.	M29
T 30	7 49 56	29°24'35	4♐19	12°43	23° 5	1°37	29° 5	25°28	7°53	25° 0	27°18	26°25	27°45	0°42	n.a.	T 30
W31	7 53 52	0♒24'27	16♐29	14♒31	24♒19	2♈15	29♎ 9	25♒36	7♒56	24♌58	27♐20	26♌21	27♌41	0♒49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s50	11s 8	4n54	25s 5	1s38	24s12	1s30	6s46	0s 8	9s 3	1n 6	16s20	2s 9	19s41	0s43	14n40	1n32	29s19	5s32	12n21	11n55	18s21			n.a.
T 2	23 50	14 23	5 5	25 16	1 42	24 3	1 31	6 30	0 7	9 6	1 6	16 18	2 9	19 40	0 43	14 40	1 32	29 19	5 32	12 24	11 56	18 20			n.a.
W 3	23 49	16 56	5 1	25 25	1 45	23 52	1 31	6 14	0 6	9 9	1 6	16 15	2 8	19 40	0 43	14 40	1 32	29 20	5 33	12 28	11 57	18 19			n.a.
T 4	23 47	18 42	4 43	25 33	1 49	23 41	1 31	5 59	0 5	9 12	1 6	16 13	2 8	19 39	0 43	14 40	1 32	29 20	5 33	12 32	11 58	18 19			n.a.
F 5	23 46	19 36	4 13	25 39	1 51	23 29	1 32	5 43	0 4	9 15	1 7	16 11	2 8	19 38	0 43	14 41	1 32	29 20	5 33	12 36	11 59	18 18			n.a.
S 6	23 43	19 37	3 32	25 43	1 54	23 17	1 32	5 27	0 3	9 18	1 7	16 9	2 8	19 37	0 43	14 41	1 32	29 20	5 33	12 39	12 0	18 18			n.a.
S 7	23 41	18 46	2 42	25 46	1 56	23 4	1 32	5 11	0 2	9 21	1 7	16 7	2 8	19 36	0 43	14 42	1 32	29 20	5 33	12 41	12 2	18 17			n.a.
M 8	23 38	17 7	1 45	25 47	1 58	22 50	1 32	4 55	0 1	9 24	1 7	16 5	2 8	19 36	0 43	14 42	1 32	29 20	5 33	12 43	12 3	18 17			n.a.
T 9	23 34	14 44	0 44	25 46	1 59	22 35	1 32	4 40	0n 0	9 27	1 7	16 3	2 8	19 35	0 43	14 42	1 33	29 20	5 33	12 44	12 4	18 16			n.a.
W10	23 30	11 44	0s20	25 43	2 0	22 20	1 32	4 24	0 1	9 30	1 7	16 0	2 8	19 34	0 43	14 43	1 33	29 21	5 33	12 44	12 5	18 15			n.a.
T 11	23 25	8 14	1 24	25 38	2 0	22 4	1 32	4 8	0 2	9 33	1 7	15 58	2 8	19 33	0 43	14 43	1 33	29 21	5 33	12 44	12 6	18 15			n.a.
F 12	23 20	4 21	2 25	25 31	2 0	21 47	1 31	3 52	0 3	9 35	1 7	15 56	2 7	19 32	0 43	14 44	1 33	29 21	5 33	12 43	12 7	18 14			n.a.
S 13	23 15	0 12	3 20	25 23	2 0	21 30	1 31	3 36	0 4	9 38	1 7	15 54	2 7	19 32	0 43	14 44	1 33	29 21	5 34	12 43	12 8	18 14			n.a.
S 14	23 9	4n 3	4 8	25 12	1 59	21 12	1 31	3 20	0 5	9 41	1 7	15 51	2 7	19 31	0 43	14 44	1 33	29 21	5 34	12 43	12 9	18 13			n.a.
M15	23 3	8 15	4 44	24 59	1 57	20 54	1 30	3 4	0 6	9 43	1 8	15 49	2 7	19 30	0 43	14 45	1 33	29 21	5 34	12 43	12 11	18 12			n.a.
T 16	22 56	12 10	5 5	24 44	1 55	20 35	1 30	2 48	0 7	9 46	1 8	15 47	2 7	19 29	0 43	14 45	1 33	29 22	5 34	12 45	12 12	18 12			n.a.
W17	22 48	15 34	5 10	24 27	1 53	20 15	1 29	2 32	0 8	9 48	1 8	15 44	2 7	19 28	0 43	14 46	1 33	29 22	5 34	12 46	12 13	18 11			n.a.
T 18	22 41	18 7	4 55	24 7	1 49	19 55	1 29	2 16	0 9	9 51	1 8	15 42	2 7	19 27	0 43	14 46	1 33	29 22	5 34	12 48	12 14	18 10			n.a.
F 19	22 33	19 30	4 20	23 46	1 46	19 35	1 28	2 0	0 10	9 53	1 8	15 40	2 7	19 27	0 43	14 47	1 33	29 22	5 34	12 50	12 15	18 10			n.a.
S 20	22 24	19 32	3 26	23 22	1 41	19 13	1 27	1 44	0 10	9 55	1 8	15 37	2 7	19 26	0 43	14 47	1 33	29 22	5 34	12 52	12 16	18 9			n.a.
S 21	22 15	18 8	2 17	22 56	1 36	18 52	1 26	1 28	0 11	9 57	1 8	15 35	2 7	19 25	0 43	14 47	1 33	29 22	5 35	12 54	12 17	18 8			n.a.
M22	22 6	15 28	0 58	22 28	1 31	18 29	1 25	1 12	0 12	10 0	1 8	15 33	2 7	19 24	0 42	14 48	1 33	29 23	5 35	12 54	12 18	18 8			n.a.
T 23	21 56	11 47	0n23	21 58	1 25	18 7	1 24	0 56	0 13	10 2	1 9	15 30	2 6	19 23	0 42	14 48	1 33	29 23	5 35	12 54	12 19	18 7			n.a.
W24	21 46	7 28	1 41	21 26	1 18	17 43	1 23	0 40	0 14	10 4	1 9	15 28	2 6	19 22	0 42	14 49	1 33	29 23	5 35	12 54	12 21	18 7			n.a.
T 25	21 35	2 51	2 51	20 52	1 10	17 19	1 22	0 24	0 15	10 6	1 9	15 25	2 6	19 21	0 42	14 49	1 33	29 23	5 35	12 54	12 22	18 6			n.a.
F 26	21 24	1s45	3 48	20 16	1 2	16 55	1 21	0 8	0 15	10 8	1 9	15 23	2 6	19 20	0 42	14 50	1 33	29 23	5 35	12 53	12 23	18 5			n.a.
S 27	21 13	6 8	4 32	19 39	0 53	16 31	1 20	0n 8	0 16	10 9	1 9	15 20	2 6	19 20	0 42	14 50	1 33	29 24	5 35	12 53	12 24	18 5			n.a.
S 28	21 1	10 6	5 0	18 59	0 43	16 6	1 19	0 24	0 17	10 11	1 9	15 18	2 6	19 19	0 42	14 51	1 33	29 24	5 36	12 53	12 25	18 4			n.a.
M29	20 49	13 31	5 13	18 19	0 33	15 40	1 17	0 40	0 18	10 13	1 9	15 15	2 6	19 18	0 42	14 51	1 33	29 24	5 36	12 54	12 26	18 3			n.a.
T 30	20 37	16 16	5 11	17 37	0 22	15 14	1 16	0 56	0 18	10 15	1 9	15 13	2 6	19 17	0 42	14 52	1 33	29 24	5 36	12 55	12 27	18 3			n.a.
W31	20s24	18s15	4n55	16s55	0s10	14s48	1s14	1n12	0n19	10s16	1n10	15s10	2s 6	19s16	0s42	14n53	1n33	29s24	5s36	12n56	12n28	18s 2			n.a.

Julian Day Number = 1288601.5, Delta T = 08h01m21s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'54, Lahiri = -20°18'54 Julian Calendar 1 Jan. 1185 BCE == Greg. Calendar 21 Dec. 1186 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

FEBRUARY 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 49	1♒24'17	28♐30	16♒16	25♒33	2♈53	29♎14	25♒43	8♒ 0	24°R57	27♐22	26°R16	27♌38	0♒56	n.a.	T 1
F 2	8 1 45	2°24'05	10♑25	17°58	26°47	3°31	29°19	25°50	8° 3	24♌55	27°23	26♌12	27°35	1° 2	n.a.	F 2
S 3	8 5 42	3°23'51	22°15	19°37	28° 1	4° 9	29°23	25°57	8° 7	24°54	27°25	26° 9	27°32	1° 9	n.a.	S 3
S 4	8 9 38	4°23'34	4♒ 3	21°11	29°15	4°47	29°27	26° 5	8°10	24°52	27°26	26° 6	27°29	1°16	n.a.	S 4
M 5	8 13 35	5°23'16	15°51	22°41	0♓28	5°25	29°31	26°12	8°13	24°51	27°28	26° 4	27°26	1°22	n.a.	M 5
T 6	8 17 32	6°22'55	27°41	24° 6	1°42	6° 3	29°35	26°20	8°17	24°49	27°29	26°D 4	27°22	1°29	n.a.	T 6
W 7	8 21 28	7°22'33	9♓36	25°25	2°55	6°41	29°39	26°27	8°20	24°48	27°31	26° 5	27°19	1°36	n.a.	W 7
T 8	8 25 25	8°22'07	21°37	26°39	4° 9	7°18	29°42	26°34	8°24	24°46	27°32	26° 6	27°16	1°42	n.a.	T 8
F 9	8 29 21	9°21'40	3♈49	27°46	5°23	7°56	29°45	26°42	8°27	24°44	27°34	26° 7	27°13	1°49	n.a.	F 9
S 10	8 33 18	10°21'10	16°14	28°46	6°36	8°34	29°48	26°49	8°30	24°43	27°35	26° 9	27°10	1°56	n.a.	S 10
S 11	8 37 14	11°20'37	28°57	29°39	7°49	9°12	29°51	26°57	8°34	24°41	27°37	26°10	27° 6	2° 2	n.a.	S 11
M12	8 41 11	12°20'02	12♉ 1	0♓24	9° 3	9°50	29°54	27° 4	8°37	24°40	27°38	26°R10	27° 3	2° 9	n.a.	M12
T 13	8 45 7	13°19'25	25°29	1° 3	10°16	10°28	29°57	27°12	8°41	24°38	27°40	26°10	27° 0	2°16	n.a.	T 13
W14	8 49 4	14°18'45	9♊23	1°33	11°29	11° 6	29°59	27°20	8°44	24°36	27°41	26° 9	26°57	2°22	n.a.	W14
T 15	8 53 0	15°18'03	23°42	1°55	12°43	11°44	0♏ 1	27°27	8°48	24°35	27°42	26° 8	26°54	2°29	n.a.	T 15
F 16	8 56 57	16°17'19	8♋24	2°10	13°56	12°22	0° 3	27°35	8°51	24°33	27°44	26° 6	26°51	2°36	n.a.	F 16
S 17	9 0 54	17°16'32	23°24	2°R17	15° 9	13° 0	0° 5	27°42	8°54	24°32	27°45	26° 5	26°47	2°42	n.a.	S 17
S 18	9 4 50	18°15'42	8♌35	2°16	16°22	13°38	0° 7	27°50	8°58	24°30	27°46	26° 5	26°44	2°49	n.a.	S 18
M19	9 8 47	19°14'51	23°45	2° 8	17°35	14°16	0° 8	27°58	9° 1	24°28	27°48	26°D 4	26°41	2°56	n.a.	M19
T 20	9 12 43	20°13'57	8♍47	1°53	18°48	14°54	0°10	28° 5	9° 4	24°27	27°49	26° 5	26°38	3° 2	n.a.	T 20
W21	9 16 40	21°13'01	23°32	1°31	20° 1	15°32	0°11	28°13	9° 8	24°25	27°50	26° 5	26°35	3° 9	n.a.	W21
T 22	9 20 36	22°12'03	7♎54	1° 4	21°13	16° 9	0°12	28°21	9°11	24°23	27°51	26° 5	26°31	3°16	n.a.	T 22
F 23	9 24 33	23°11'03	21°49	0°31	22°26	16°47	0°12	28°28	9°15	24°22	27°53	26° 6	26°28	3°22	n.a.	F 23
S 24	9 28 29	24°10'01	5♏17	29♒53	23°39	17°25	0°13	28°36	9°18	24°20	27°54	26° 6	26°25	3°29	n.a.	S 24
S 25	9 32 26	25° 8'57	18°20	29°11	24°52	18° 3	0°13	28°44	9°21	24°18	27°55	26° 6	26°22	3°36	n.a.	S 25
M26	9 36 22	26° 7'52	1♐ 0	28°27	26° 4	18°41	0°R13	28°51	9°25	24°17	27°56	26° 6	26°19	3°42	n.a.	M26
T 27	9 40 19	27° 6'44	13°21	27°40	27°17	19°19	0°13	28°59	9°28	24°15	27°57	26° 6	26°16	3°49	n.a.	T 27
W28	9 44 16	28° 5'35	25°27	26°53	28°29	19°57	0°13	29° 7	9°31	24°13	27°58	26° 6	26°12	3°56	n.a.	W28
T 29	9 48 12	29♒ 4'24	7♑23	26♒ 5	29♓42	20♈35	0♏13	29♒15	9♒34	24♌12	27♐59	26♌ 6	26♌ 9	4♒ 2	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s10	19s24	4n26	16s12	0n 2	14s21	1s13	1n28	0n20	10s18	1n10	15s 8	2s 6	19s15	0s42	14n53	1n33	29s24	5s36	12n58	12n29	18s 1		n.a.
F 2	19 57	19 40	3 46	15 28	0 14	13 54	1 11	1 44	0 21	10 19	1 10	15 5	2 6	19 14	0 42	14 54	1 33	29 25	5 36	12 59	12 31	18 1		n.a.
S 3	19 43	19 4	2 56	14 45	0 27	13 26	1 9	2 0	0 21	10 21	1 10	15 3	2 6	19 13	0 42	14 54	1 34	29 25	5 36	13 1	12 32	18 0		n.a.
S 4	19 29	17 38	1 59	14 2	0 41	12 59	1 8	2 16	0 22	10 22	1 10	15 0	2 6	19 12	0 42	14 55	1 34	29 25	5 37	13 2	12 33	17 59		n.a.
M 5	19 14	15 27	0 56	13 19	0 54	12 31	1 6	2 32	0 23	10 23	1 10	14 57	2 6	19 11	0 42	14 55	1 34	29 25	5 37	13 2	12 34	17 58		n.a.
T 6	18 59	12 37	0s 9	12 38	1 8	12 2	1 4	2 48	0 24	10 25	1 10	14 55	2 6	19 11	0 42	14 56	1 34	29 25	5 37	13 2	12 35	17 58		n.a.
W 7	18 44	9 14	1 14	11 58	1 22	11 33	1 2	3 4	0 24	10 26	1 11	14 52	2 6	19 10	0 42	14 56	1 34	29 26	5 37	13 2	12 36	17 57		n.a.
T 8	18 28	5 28	2 17	11 20	1 36	11 4	1 0	3 20	0 25	10 27	1 11	14 49	2 6	19 9	0 42	14 57	1 34	29 26	5 37	13 2	12 37	17 56		n.a.
F 9	18 12	1 25	3 14	10 44	1 50	10 35	0 58	3 35	0 26	10 28	1 11	14 47	2 6	19 8	0 42	14 57	1 34	29 26	5 37	13 1	12 38	17 56		n.a.
S 10	17 56	2n45	4 4	10 10	2 4	10 6	0 56	3 51	0 26	10 29	1 11	14 44	2 6	19 7	0 42	14 58	1 34	29 26	5 38	13 1	12 39	17 55		n.a.
S 11	17 40	6 53	4 42	9 39	2 17	9 36	0 54	4 7	0 27	10 30	1 11	14 42	2 6	19 6	0 42	14 59	1 34	29 26	5 38	13 0	12 41	17 54		n.a.
M12	17 23	10 49	5 8	9 11	2 29	9 6	0 51	4 23	0 28	10 31	1 11	14 39	2 6	19 5	0 42	14 59	1 34	29 27	5 38	13 0	12 42	17 53		n.a.
T 13	17 6	14 19	5 17	8 46	2 42	8 36	0 49	4 39	0 28	10 32	1 11	14 36	2 6	19 4	0 42	15 0	1 34	29 27	5 38	13 0	12 43	17 53		n.a.
W14	16 48	17 8	5 9	8 25	2 53	8 5	0 47	4 54	0 29	10 32	1 11	14 34	2 6	19 3	0 42	15 0	1 34	29 27	5 38	13 1	12 44	17 52		n.a.
T 15	16 31	19 0	4 41	8 7	3 3	7 35	0 44	5 10	0 30	10 33	1 12	14 31	2 6	19 2	0 42	15 1	1 34	29 27	5 39	13 1	12 45	17 51		n.a.
F 16	16 13	19 39	3 55	7 53	3 13	7 4	0 42	5 26	0 30	10 33	1 12	14 28	2 5	19 1	0 42	15 1	1 34	29 28	5 39	13 1	12 46	17 51		n.a.
S 17	15 55	18 57	2 52	7 42	3 21	6 33	0 39	5 41	0 31	10 34	1 12	14 26	2 5	19 1	0 42	15 2	1 34	29 28	5 39	13 2	12 47	17 50		n.a.
S 18	15 36	16 53	1 36	7 36	3 28	6 2	0 37	5 57	0 31	10 34	1 12	14 23	2 5	19 0	0 42	15 3	1 34	29 28	5 39	13 2	12 48	17 49		n.a.
M19	15 18	13 37	0 13	7 34	3 34	5 31	0 34	6 12	0 32	10 35	1 12	14 20	2 5	18 59	0 43	15 3	1 34	29 28	5 39	13 2	12 49	17 48		n.a.
T 20	14 59	9 29	1n10	7 35	3 38	4 59	0 32	6 28	0 33	10 35	1 12	14 17	2 6	18 58	0 43	15 4	1 34	29 28	5 40	13 2	12 51	17 48		n.a.
W21	14 40	4 51	2 27	7 40	3 41	4 28	0 29	6 43	0 33	10 35	1 12	14 15	2 6	18 57	0 43	15 4	1 34	29 29	5 40	13 2	12 52	17 47		n.a.
T 22	14 20	0 4	3 32	7 49	3 42	3 56	0 26	6 58	0 34	10 36	1 13	14 12	2 6	18 56	0 43	15 5	1 34	29 29	5 40	13 2	12 53	17 46		n.a.
F 23	14 1	4s35	4 23	8 2	3 41	3 24	0 24	7 14	0 34	10 36	1 13	14 9	2 6	18 55	0 43	15 5	1 34	29 29	5 40	13 2	12 54	17 45		n.a.
S 24	13 41	8 50	4 57	8 17	3 39	2 53	0 21	7 29	0 35	10 36	1 13	14 7	2 6	18 54	0 43	15 6	1 34	29 29	5 40	13 2	12 55	17 45		n.a.
S 25	13 21	12 31	5 15	8 36	3 34	2 21	0 18	7 44	0 35	10 36	1 13	14 4	2 6	18 53	0 43	15 7	1 34	29 30	5 41	13 2	12 56	17 44		n.a.
M26	13 1	15 32	5 17	8 57	3 29	1 49	0 15	7 59	0 36	10 36	1 13	14 1	2 6	18 53	0 43	15 7	1 34	29 30	5 41	13 2	12 57	17 43		n.a.
T 27	12 40	17 45	5 4	9 20	3 21	1 17	0 12	8 15	0 37	10 36	1 13	13 58	2 6	18 52	0 43	15 8	1 34	29 30	5 41	13 2	12 58	17 42		n.a.
W28	12 20	19 8	4 37	9 45	3 12	0 45	0 9	8 30	0 37	10 36	1 13	13 56	2 6	18 51	0 43	15 8	1 34	29 30	5 41	13 1	12 59	17 41		n.a.
T 29	11s59	19s39	3n59	10s11	3n 1	0s13	0s 6	8n45	0n38	10s35	1n13	13s53	2s 6	18s50	0s43	15n 9	1n34	29s30	5s41	13n 1	13n 0	17s41		n.a.

Julian Day Number = 1288632.5, Delta T = 08h01m20s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'50, Lahiri = -20°18'49 Julian Calendar 1 Feb. 1185 BCE == Greg. Calendar 21 Jan. 1185 BCE

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

MARCH 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 52 9	0♓ 3'11	19♉13	25°R18	0♈54	21♈13	0°R12	29♒22	9♒38	24°R10	28♐ 0	26♌ 7	26♌ 6	4♒ 9	n.a.	F 1
S 2	9 56 5	1° 1'56	1♒ 1	24♒33	2° 6	21°51	0♏11	29°30	9°41	24♌ 9	28° 2	26° 7	26° 3	4°16	n.a.	S 2
S 3	10 0 2	2° 0'39	12°48	23°50	3°19	22°28	0°10	29°38	9°44	24° 7	28° 3	26° 8	26° 0	4°22	n.a.	S 3
M 4	10 3 58	2°59'20	24°39	23°10	4°31	23° 6	0° 9	29°45	9°47	24° 5	28° 4	26°R 8	25°57	4°29	n.a.	M 4
T 5	10 7 55	3°57'59	6♓36	22°33	5°43	23°44	0° 8	29°53	9°51	24° 4	28° 4	26° 8	25°53	4°36	n.a.	T 5
W 6	10 11 51	4°56'35	18°40	22° 1	6°55	24°22	0° 6	0♓ 1	9°54	24° 2	28° 5	26° 7	25°50	4°42	n.a.	W 6
T 7	10 15 48	5°55'10	0♈54	21°34	8° 7	25° 0	0° 5	0° 9	9°57	24° 0	28° 6	26° 6	25°47	4°49	n.a.	T 7
F 8	10 19 45	6°53'42	13°18	21°11	9°19	25°38	0° 3	0°16	10° 0	23°59	28° 7	26° 5	25°44	4°55	n.a.	F 8
S 9	10 23 41	7°52'12	25°56	20°53	10°31	26°16	0° 1	0°24	10° 3	23°57	28° 8	26° 3	25°41	5° 2	n.a.	S 9
S 10	10 27 38	8°50'40	8♉48	20°40	11°43	26°54	29♎58	0°32	10° 6	23°56	28° 9	26° 2	25°37	5° 9	n.a.	S 10
M11	10 31 34	9°49'06	21°57	20°32	12°54	27°31	29°56	0°39	10° 9	23°54	28°10	26° 0	25°34	5°15	n.a.	M11
T 12	10 35 31	10°47'30	5♊24	20°D30	14° 6	28° 9	29°53	0°47	10°12	23°53	28°10	26°D 0	25°31	5°22	n.a.	T 12
W13	10 39 27	11°45'51	19°10	20°32	15°17	28°47	29°51	0°55	10°15	23°51	28°11	26° 0	25°28	5°29	n.a.	W13
T 14	10 43 24	12°44'10	3♋15	20°40	16°29	29°25	29°48	1° 2	10°18	23°49	28°12	26° 1	25°25	5°35	n.a.	T 14
F 15	10 47 20	13°42'27	17°39	20°53	17°40	0♉ 3	29°44	1°10	10°21	23°48	28°13	26° 2	25°22	5°42	n.a.	F 15
S 16	10 51 17	14°40'41	2♌19	21°10	18°52	0°41	29°41	1°17	10°24	23°46	28°13	26° 3	25°18	5°49	n.a.	S 16
S 17	10 55 13	15°38'54	17° 9	21°32	20° 3	1°18	29°38	1°25	10°27	23°45	28°14	26° 4	25°15	5°55	n.a.	S 17
M18	10 59 10	16°37'04	2♍ 3	21°58	21°14	1°56	29°34	1°32	10°30	23°43	28°15	26°R 4	25°12	6° 2	n.a.	M18
T 19	11 3 7	17°35'12	16°55	22°28	22°25	2°34	29°30	1°40	10°33	23°42	28°15	26° 3	25° 9	6° 9	n.a.	T 19
W20	11 7 3	18°33'19	1♎35	23° 3	23°36	3°12	29°26	1°47	10°36	23°40	28°16	26° 1	25° 6	6°15	n.a.	W20
T 21	11 11 0	19°31'23	15°57	23°42	24°47	3°50	29°22	1°55	10°39	23°39	28°16	25°58	25° 2	6°22	n.a.	T 21
F 22	11 14 56	20°29'26	29°57	24°24	25°58	4°27	29°18	2° 2	10°42	23°38	28°17	25°54	24°59	6°29	n.a.	F 22
S 23	11 18 53	21°27'27	13♏31	25°10	27° 9	5° 5	29°13	2°10	10°44	23°36	28°17	25°51	24°56	6°35	n.a.	S 23
S 24	11 22 49	22°25'27	26°40	25°59	28°19	5°43	29° 9	2°17	10°47	23°35	28°18	25°48	24°53	6°42	n.a.	S 24
M25	11 26 46	23°23'26	9♐24	26°52	29°30	6°21	29° 4	2°25	10°50	23°33	28°18	25°46	24°50	6°49	n.a.	M25
T 26	11 30 42	24°21'23	21°48	27°48	0♑40	6°58	28°59	2°32	10°53	23°32	28°19	25°D45	24°47	6°55	n.a.	T 26
W27	11 34 39	25°19'18	3♑55	28°47	1°51	7°36	28°54	2°39	10°55	23°31	28°19	25°45	24°43	7° 2	n.a.	W27
T 28	11 38 35	26°17'12	15°51	29°49	3° 1	8°14	28°48	2°47	10°58	23°29	28°19	25°47	24°40	7° 9	n.a.	T 28
F 29	11 42 32	27°15'05	27°40	0♓53	4°11	8°52	28°43	2°54	11° 1	23°28	28°20	25°48	24°37	7°15	n.a.	F 29
S 30	11 46 29	28°12'56	9♒28	2° 1	5°21	9°30	28°38	3° 1	11° 3	23°27	28°20	25°50	24°34	7°22	n.a.	S 30
S 31	11 50 25	29♓10'45	21♒17	3♓11	6♉31	10♉ 7	28♎32	3♓ 9	11♒ 6	23♌25	28♐20	25°R51	24♌31	7♒29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s38	19s17	3n11	10s38	2n50	0n19	0s 3	9n 0	0n38	10s35	1n14	13s50	2s 6	18s49	0s43	15n 9	1n34	29s31	5s42	13n 1	13n 1	17s40		n.a.
S 2	11 17	18 4	2 15	11 6	2 37	0 51	0 0	9 15	0 39	10 35	1 14	13 48	2 6	18 48	0 43	15 10	1 34	29 31	5 42	13 1	13 3	17 39		n.a.
S 3	10 56	16 4	1 13	11 33	2 23	1 23	0n 3	9 29	0 39	10 34	1 14	13 45	2 6	18 47	0 43	15 11	1 34	29 31	5 42	13 1	13 4	17 38		n.a.
M 4	10 34	13 23	0 8	12 0	2 9	1 55	0 6	9 44	0 40	10 34	1 14	13 42	2 6	18 46	0 43	15 11	1 34	29 31	5 42	13 1	13 5	17 38		n.a.
T 5	10 13	10 8	0s58	12 26	1 53	2 27	0 9	9 59	0 40	10 33	1 14	13 39	2 6	18 46	0 43	15 12	1 34	29 32	5 42	13 1	13 6	17 37		n.a.
W 6	9 51	6 25	2 2	12 51	1 38	2 58	0 12	10 14	0 41	10 32	1 14	13 37	2 6	18 45	0 43	15 12	1 34	29 32	5 43	13 1	13 7	17 36		n.a.
T 7	9 29	2 24	3 1	13 15	1 22	3 30	0 15	10 28	0 41	10 32	1 14	13 34	2 6	18 44	0 43	15 13	1 34	29 32	5 43	13 1	13 8	17 35		n.a.
F 8	9 7	1n46	3 53	13 38	1 6	4 2	0 18	10 43	0 42	10 31	1 14	13 31	2 6	18 43	0 43	15 13	1 34	29 32	5 43	13 2	13 9	17 34		n.a.
S 9	8 45	5 56	4 34	13 58	0 51	4 33	0 21	10 57	0 42	10 30	1 14	13 28	2 6	18 42	0 43	15 14	1 34	29 33	5 43	13 3	13 10	17 33		n.a.
S 10	8 23	9 54	5 3	14 17	0 35	5 5	0 25	11 12	0 43	10 29	1 15	13 26	2 6	18 41	0 43	15 14	1 34	29 33	5 44	13 3	13 11	17 33		n.a.
M11	8 1	13 28	5 16	14 34	0 20	5 36	0 28	11 26	0 43	10 28	1 15	13 23	2 6	18 41	0 43	15 15	1 34	29 33	5 44	13 3	13 12	17 32		n.a.
T 12	7 38	16 26	5 13	14 49	0 5	6 7	0 31	11 40	0 44	10 27	1 15	13 20	2 6	18 40	0 43	15 15	1 34	29 33	5 44	13 4	13 13	17 31		n.a.
W13	7 16	18 33	4 51	15 2	0s10	6 38	0 34	11 54	0 44	10 26	1 15	13 18	2 6	18 39	0 43	15 16	1 34	29 33	5 44	13 4	13 15	17 30		n.a.
T 14	6 53	19 35	4 12	15 13	0 24	7 9	0 37	12 8	0 45	10 25	1 15	13 15	2 6	18 38	0 43	15 16	1 34	29 34	5 44	13 3	13 16	17 29		n.a.
F 15	6 31	19 24	3 17	15 21	0 37	7 40	0 40	12 22	0 45	10 24	1 15	13 12	2 7	18 37	0 43	15 17	1 34	29 34	5 45	13 3	13 17	17 29		n.a.
S 16	6 8	17 54	2 8	15 28	0 50	8 11	0 44	12 36	0 45	10 22	1 15	13 10	2 7	18 36	0 43	15 17	1 34	29 34	5 45	13 3	13 18	17 28		n.a.
S 17	5 45	15 10	0 49	15 32	1 2	8 41	0 47	12 50	0 46	10 21	1 15	13 7	2 7	18 36	0 43	15 18	1 34	29 34	5 45	13 2	13 19	17 27		n.a.
M18	5 22	11 26	0n33	15 34	1 14	9 11	0 50	13 4	0 46	10 20	1 15	13 4	2 7	18 35	0 43	15 18	1 34	29 35	5 45	13 2	13 20	17 26		n.a.
T 19	4 59	6 58	1 53	15 35	1 24	9 41	0 53	13 18	0 47	10 18	1 15	13 2	2 7	18 34	0 43	15 19	1 34	29 35	5 46	13 3	13 21	17 25		n.a.
W20	4 36	2 10	3 4	15 33	1 35	10 11	0 56	13 31	0 47	10 17	1 15	12 59	2 7	18 33	0 43	15 19	1 34	29 35	5 46	13 3	13 22	17 24		n.a.
T 21	4 13	2s40	4 1	15 29	1 44	10 40	1 0	13 45	0 48	10 15	1 16	12 56	2 7	18 33	0 43	15 20	1 34	29 35	5 46	13 4	13 23	17 23		n.a.
F 22	3 50	7 14	4 43	15 23	1 53	11 10	1 3	13 58	0 48	10 14	1 16	12 54	2 7	18 32	0 43	15 20	1 34	29 36	5 46	13 5	13 24	17 23		n.a.
S 23	3 26	11 16	5 7	15 14	2 1	11 39	1 6	14 11	0 48	10 12	1 16	12 51	2 7	18 31	0 43	15 21	1 34	29 36	5 47	13 7	13 25	17 22		n.a.
S 24	3 3	14 38	5 14	15 4	2 8	12 7	1 9	14 25	0 49	10 10	1 16	12 48	2 7	18 30	0 43	15 21	1 34	29 36	5 47	13 8	13 26	17 21		n.a.
M25	2 40	17 11	5 6	14 52	2 15	12 36	1 12	14 38	0 49	10 8	1 16	12 46	2 7	18 30	0 43	15 22	1 34	29 36	5 47	13 8	13 28	17 20		n.a.
T 26	2 17	18 52	4 43	14 38	2 21	13 4	1 15	14 51	0 50	10 7	1 16	12 43	2 8	18 29	0 43	15 22	1 34	29 37	5 47	13 9	13 29	17 19		n.a.
W27	1 53	19 39	4 8	14 22	2 27	13 32	1 18	15 4	0 50	10 5	1 16	12 41	2 8	18 28	0 43	15 23	1 34	29 37	5 47	13 9	13 30	17 18		n.a.
T 28	1 30	19 32	3 22	14 5	2 31	13 59	1 21	15 17	0 50	10 3	1 16	12 38	2 8	18 27	0 43	15 23	1 34	29 37	5 48	13 8	13 31	17 17		n.a.
F 29	1 7	18 33	2 28	13 45	2 35	14 26	1 24	15 29	0 51	10 1	1 16	12 35	2 8	18 27	0 43	15 23	1 34	29 37	5 48	13 8	13 32	17 16		n.a.
S 30	0 43	16 45	1 29	13 24	2 39	14 53	1 27	15 42	0 51	9 59	1 16	12 33	2 8	18 26	0 43	15 24	1 34	29 38	5 48	13 7	13 33	17 16		n.a.
S 31	0s20	14s15	0n25	13s 0	2s41	15n20	1n30	15n54	0n52	9s57	1n16	12s30	2s 8	18s25	0s43	15n24	1n34	29s38	5s48	13n 7	13n34	17s15		n.a.

Julian Day Number = 1288661.5, Delta T = 08h01m18s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'46, Lahiri = -20°18'46 Julian Calendar 1 March 1185 BCE == Greg. Calendar 19 Feb. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

APRIL 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 54 22	0♈ 8'34	3♓13	4♓24	7♉41	10♉45	28°R26	3♓16	11♒ 8	23°R24	28♐21	25°R51	24♌28	7♒35	n.a.	M 1
T 2	11 58 18	1° 6'20	15°19	5°39	8°51	11°23	28♎20	3°23	11°11	23♌23	28°21	25♌49	24°24	7°42	n.a.	T 2
W 3	12 2 15	2° 4'05	27°35	6°57	10° 1	12° 1	28°14	3°30	11°13	23°22	28°21	25°46	24°21	7°48	n.a.	W 3
T 4	12 6 11	3° 1'49	10♈ 5	8°17	11°10	12°38	28° 8	3°37	11°16	23°20	28°21	25°41	24°18	7°55	n.a.	T 4
F 5	12 10 8	3°59'31	22°48	9°40	12°20	13°16	28° 2	3°44	11°18	23°19	28°21	25°34	24°15	8° 2	n.a.	F 5
S 6	12 14 4	4°57'12	5♉45	11° 4	13°29	13°54	27°55	3°51	11°20	23°18	28°21	25°28	24°12	8° 8	n.a.	S 6
S 7	12 18 1	5°54'51	18°56	12°31	14°39	14°32	27°49	3°58	11°23	23°17	28°21	25°21	24° 8	8°15	n.a.	S 7
M 8	12 21 58	6°52'28	2♊20	14° 1	15°48	15° 9	27°42	4° 5	11°25	23°16	28°22	25°16	24° 5	8°22	n.a.	M 8
T 9	12 25 54	7°50'04	15°56	15°32	16°57	15°47	27°36	4°12	11°27	23°15	28°22	25°12	24° 2	8°28	n.a.	T 9
W10	12 29 51	8°47'39	29°44	17° 6	18° 6	16°25	27°29	4°19	11°29	23°14	28°R22	25°10	23°59	8°35	n.a.	W10
T 11	12 33 47	9°45'11	13♋44	18°42	19°15	17° 2	27°22	4°26	11°32	23°13	28°22	25°D10	23°56	8°42	n.a.	T 11
F 12	12 37 44	10°42'42	27°54	20°20	20°23	17°40	27°15	4°32	11°34	23°12	28°22	25°11	23°53	8°48	n.a.	F 12
S 13	12 41 40	11°40'11	12♌14	22° 1	21°32	18°18	27° 8	4°39	11°36	23°11	28°21	25°12	23°49	8°55	n.a.	S 13
S 14	12 45 37	12°37'39	26°41	23°43	22°41	18°56	27° 1	4°46	11°38	23°10	28°21	25°R12	23°46	9° 2	n.a.	S 14
M15	12 49 33	13°35'05	11♍11	25°28	23°49	19°33	26°54	4°52	11°40	23° 9	28°21	25°11	23°43	9° 8	n.a.	M15
T 16	12 53 30	14°32'30	25°40	27°15	24°57	20°11	26°46	4°59	11°42	23° 8	28°21	25° 8	23°40	9°15	n.a.	T 16
W17	12 57 27	15°29'54	10♎ 2	29° 4	26° 5	20°49	26°39	5° 5	11°44	23° 7	28°21	25° 3	23°37	9°22	n.a.	W17
T 18	13 1 23	16°27'16	24°11	0♈56	27°13	21°26	26°32	5°12	11°46	23° 6	28°21	24°56	23°33	9°28	n.a.	T 18
F 19	13 5 20	17°24'38	8♏ 2	2°49	28°21	22° 4	26°24	5°18	11°47	23° 6	28°20	24°48	23°30	9°35	n.a.	F 19
S 20	13 9 16	18°21'58	21°33	4°45	29°29	22°42	26°17	5°25	11°49	23° 5	28°20	24°39	23°27	9°42	n.a.	S 20
S 21	13 13 13	19°19'18	4♐40	6°42	0♊36	23°19	26° 9	5°31	11°51	23° 4	28°20	24°31	23°24	9°48	n.a.	S 21
M22	13 17 9	20°16'36	17°26	8°42	1°43	23°57	26° 2	5°37	11°53	23° 3	28°20	24°25	23°21	9°55	n.a.	M22
T 23	13 21 6	21°13'54	29°51	10°43	2°51	24°35	25°54	5°44	11°54	23° 3	28°19	24°20	23°18	10° 1	n.a.	T 23
W24	13 25 2	22°11'12	11♑59	12°47	3°58	25°13	25°47	5°50	11°56	23° 2	28°19	24°18	23°14	10° 8	n.a.	W24
T 25	13 28 59	23° 8'28	23°56	14°52	5° 5	25°50	25°39	5°56	11°58	23° 1	28°19	24°D17	23°11	10°15	n.a.	T 25
F 26	13 32 56	24° 5'44	5♒46	16°59	6°11	26°28	25°31	6° 2	11°59	23° 1	28°18	24°18	23° 8	10°21	n.a.	F 26
S 27	13 36 52	25° 3'00	17°34	19° 7	7°18	27° 6	25°24	6° 8	12° 1	23° 0	28°18	24°18	23° 5	10°28	n.a.	S 27
S 28	13 40 49	26° 0'14	29°26	21°16	8°24	27°43	25°16	6°14	12° 2	22°59	28°17	24°R18	23° 2	10°35	n.a.	S 28
M29	13 44 45	26°57'28	11♓27	23°26	9°31	28°21	25° 8	6°20	12° 4	22°59	28°17	24°17	22°59	10°41	n.a.	M29
T 30	13 48 42	27♈54'42	23♓40	25♈37	10♊37	28♉59	25♎ 1	6♓25	12♒ 5	22♌58	28♐16	24♌13	22♌55	10♒48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 3	11s 7	0s40	12s35	2s43	15n46	1n33	16n 7	0n52	9s55	1n16	12s28	2s 8	18s25	0s43	15n25	1n34	29s38	5s49	13n 7	13n35	17s14		n.a.
T 2	0 27	7 29	1 44	12 8	2 45	16 12	1 36	16 19	0 52	9 52	1 16	12 25	2 8	18 24	0 43	15 25	1 34	29 38	5 49	13 7	13 36	17 13		n.a.
W 3	0 50	3 29	2 45	11 40	2 46	16 37	1 39	16 31	0 53	9 50	1 16	12 23	2 9	18 23	0 43	15 25	1 34	29 38	5 49	13 9	13 37	17 12		n.a.
T 4	1 13	0n44	3 38	11 9	2 46	17 2	1 41	16 44	0 53	9 48	1 16	12 20	2 9	18 23	0 43	15 26	1 34	29 39	5 49	13 10	13 38	17 11		n.a.
F 5	1 37	4 59	4 21	10 37	2 45	17 26	1 44	16 56	0 53	9 46	1 16	12 18	2 9	18 22	0 43	15 26	1 34	29 39	5 50	13 12	13 39	17 10		n.a.
S 6	2 0	9 4	4 52	10 3	2 44	17 51	1 47	17 7	0 54	9 43	1 16	12 15	2 9	18 21	0 43	15 27	1 34	29 39	5 50	13 15	13 40	17 9		n.a.
S 7	2 23	12 48	5 8	9 28	2 43	18 14	1 50	17 19	0 54	9 41	1 16	12 13	2 9	18 21	0 43	15 27	1 34	29 39	5 50	13 17	13 42	17 8		n.a.
M 8	2 46	15 57	5 8	8 51	2 40	18 37	1 52	17 31	0 54	9 39	1 16	12 10	2 9	18 20	0 44	15 27	1 33	29 40	5 50	13 19	13 43	17 7		n.a.
T 9	3 9	18 16	4 50	8 12	2 37	19 0	1 55	17 42	0 55	9 36	1 16	12 8	2 9	18 20	0 44	15 28	1 33	29 40	5 51	13 20	13 44	17 6		n.a.
W10	3 32	19 34	4 16	7 32	2 34	19 23	1 57	17 54	0 55	9 34	1 16	12 6	2 10	18 19	0 44	15 28	1 33	29 40	5 51	13 21	13 45	17 6		n.a.
T 11	3 55	19 42	3 26	6 50	2 30	19 44	2 0	18 5	0 55	9 31	1 16	12 3	2 10	18 18	0 44	15 28	1 33	29 40	5 51	13 21	13 46	17 5		n.a.
F 12	4 18	18 36	2 22	6 6	2 25	20 6	2 2	18 16	0 56	9 29	1 16	12 1	2 10	18 18	0 44	15 29	1 33	29 41	5 51	13 20	13 47	17 4		n.a.
S 13	4 41	16 18	1 10	5 21	2 20	20 26	2 4	18 27	0 56	9 26	1 16	11 58	2 10	18 17	0 44	15 29	1 33	29 41	5 52	13 20	13 48	17 3		n.a.
S 14	5 4	12 57	0n 8	4 35	2 14	20 47	2 7	18 38	0 56	9 24	1 16	11 56	2 10	18 17	0 44	15 29	1 33	29 41	5 52	13 20	13 49	17 2		n.a.
M15	5 27	8 48	1 25	3 47	2 8	21 7	2 9	18 49	0 57	9 21	1 16	11 54	2 10	18 16	0 44	15 29	1 33	29 41	5 52	13 20	13 50	17 1		n.a.
T 16	5 49	4 9	2 37	2 58	2 1	21 26	2 11	19 0	0 57	9 19	1 16	11 51	2 11	18 16	0 44	15 30	1 33	29 42	5 52	13 21	13 51	17 0		n.a.
W17	6 12	0s42	3 38	2 7	1 54	21 45	2 13	19 10	0 57	9 16	1 16	11 49	2 11	18 15	0 44	15 30	1 33	29 42	5 52	13 23	13 52	16 59		n.a.
T 18	6 34	5 27	4 24	1 15	1 46	22 3	2 15	19 21	0 58	9 13	1 16	11 47	2 11	18 15	0 44	15 30	1 33	29 42	5 53	13 25	13 53	16 58		n.a.
F 19	6 57	9 47	4 54	0 21	1 38	22 20	2 17	19 31	0 58	9 11	1 16	11 45	2 11	18 14	0 44	15 30	1 33	29 42	5 53	13 28	13 54	16 57		n.a.
S 20	7 19	13 31	5 6	0n33	1 29	22 37	2 19	19 41	0 58	9 8	1 16	11 42	2 11	18 14	0 44	15 31	1 33	29 42	5 53	13 31	13 55	16 56		n.a.
S 21	7 41	16 29	5 2	1 29	1 20	22 54	2 20	19 51	0 58	9 5	1 16	11 40	2 11	18 13	0 44	15 31	1 33	29 43	5 53	13 34	13 56	16 55		n.a.
M22	8 3	18 33	4 42	2 25	1 11	23 10	2 22	20 1	0 59	9 3	1 16	11 38	2 12	18 13	0 44	15 31	1 33	29 43	5 54	13 36	13 58	16 54		n.a.
T 23	8 25	19 40	4 10	3 23	1 1	23 25	2 23	20 11	0 59	9 0	1 16	11 36	2 12	18 12	0 44	15 31	1 33	29 43	5 54	13 38	13 59	16 53		n.a.
W24	8 47	19 51	3 27	4 21	0 51	23 40	2 25	20 20	0 59	8 57	1 15	11 34	2 12	18 12	0 44	15 31	1 33	29 43	5 54	13 38	14 0	16 52		n.a.
T 25	9 8	19 7	2 36	5 20	0 41	23 54	2 26	20 30	0 59	8 54	1 15	11 32	2 12	18 11	0 44	15 32	1 33	29 44	5 54	13 39	14 1	16 51		n.a.
F 26	9 30	17 34	1 38	6 19	0 30	24 7	2 28	20 39	1 0	8 52	1 15	11 30	2 12	18 11	0 44	15 32	1 33	29 44	5 55	13 38	14 2	16 50		n.a.
S 27	9 51	15 15	0 36	7 18	0 19	24 20	2 29	20 48	1 0	8 49	1 15	11 28	2 13	18 11	0 44	15 32	1 33	29 44	5 55	13 38	14 3	16 49		n.a.
S 28	10 12	12 17	0s27	8 18	0 9	24 32	2 30	20 57	1 0	8 46	1 15	11 25	2 13	18 10	0 44	15 32	1 33	29 44	5 55	13 38	14 4	16 48		n.a.
M29	10 33	8 47	1 30	9 17	0n 2	24 44	2 31	21 6	1 1	8 44	1 15	11 23	2 13	18 10	0 44	15 32	1 33	29 44	5 55	13 39	14 5	16 47		n.a.
T 30	10n54	4s51	2s30	10n15	0n12	24n55	2n32	21n15	1n 1	8s41	1n15	11s21	2s13	18s10	0s44	15n32	1n33	29s45	5s55	13n40	14n 6	16s46		n.a.

Julian Day Number = 1288692.5, Delta T = 08h01m16s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'42, Lahiri = -20°18'41 Julian Calendar 1 Apr. 1185 BCE == Greg. Calendar 21 March 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

MAY 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 52 38	28♈51'55	6♈ 9	27♈49	11♊43	29♉36	24°R53	6♓31	12♒ 6	22°R58	28°R16	24°R 7	22♌52	10♒55	n.a.	W 1
T 2	13 56 35	29°49'07	18°55	0♉ 0	12°48	0♊14	24♎46	6°37	12° 8	22♌58	28♐15	23♌59	22°49	11° 1	n.a.	T 2
F 3	14 0 31	0♉46'19	1♉58	2°12	13°54	0°52	24°38	6°42	12° 9	22°57	28°15	23°48	22°46	11° 8	n.a.	F 3
S 4	14 4 28	1°43'30	15°18	4°23	14°59	1°29	24°30	6°48	12°10	22°57	28°14	23°37	22°43	11°15	n.a.	S 4
S 5	14 8 25	2°40'40	28°53	6°34	16° 5	2° 7	24°23	6°53	12°11	22°56	28°13	23°27	22°39	11°21	n.a.	S 5
M 6	14 12 21	3°37'50	12♊39	8°44	17°10	2°45	24°15	6°59	12°12	22°56	28°13	23°17	22°36	11°28	n.a.	M 6
T 7	14 16 18	4°34'59	26°34	10°52	18°14	3°23	24° 8	7° 4	12°13	22°56	28°12	23°10	22°33	11°35	n.a.	T 7
W 8	14 20 14	5°32'08	10♋35	13° 0	19°19	4° 0	24° 1	7° 9	12°14	22°56	28°11	23° 6	22°30	11°41	n.a.	W 8
T 9	14 24 11	6°29'15	24°40	15° 6	20°23	4°38	23°53	7°15	12°15	22°55	28°11	23° 4	22°27	11°48	n.a.	T 9
F 10	14 28 7	7°26'22	8♌47	17°10	21°27	5°16	23°46	7°20	12°16	22°55	28°10	23°D 3	22°24	11°54	n.a.	F 10
S 11	14 32 4	8°23'28	22°56	19°13	22°31	5°53	23°39	7°25	12°17	22°55	28° 9	23°R 3	22°20	12° 1	n.a.	S 11
S 12	14 36 0	9°20'33	7♍ 5	21°14	23°35	6°31	23°32	7°30	12°18	22°55	28° 8	23° 3	22°17	12° 8	n.a.	S 12
M13	14 39 57	10°17'38	21°12	23°13	24°38	7° 9	23°25	7°35	12°19	22°55	28° 7	23° 0	22°14	12°14	n.a.	M13
T 14	14 43 54	11°14'42	5♎16	25° 9	25°42	7°46	23°18	7°39	12°19	22°55	28° 7	22°56	22°11	12°21	n.a.	T 14
W15	14 47 50	12°11'46	19°13	27° 4	26°44	8°24	23°11	7°44	12°20	22°D55	28° 6	22°48	22° 8	12°28	n.a.	W15
T 16	14 51 47	13° 8'49	2♏59	28°57	27°47	9° 2	23° 4	7°49	12°21	22°55	28° 5	22°38	22° 5	12°34	n.a.	T 16
F 17	14 55 43	14° 5'53	16°32	0♊47	28°49	9°40	22°57	7°53	12°21	22°55	28° 4	22°26	22° 1	12°41	n.a.	F 17
S 18	14 59 40	15° 2'56	29°49	2°35	29°51	10°17	22°51	7°58	12°22	22°55	28° 3	22°14	21°58	12°48	n.a.	S 18
S 19	15 3 36	15°59'59	12♐47	4°21	0♋53	10°55	22°44	8° 2	12°22	22°55	28° 2	22° 3	21°55	12°54	n.a.	S 19
M20	15 7 33	16°57'02	25°26	6° 5	1°55	11°33	22°38	8° 7	12°23	22°55	28° 1	21°53	21°52	13° 1	n.a.	M20
T 21	15 11 29	17°54'05	7♑48	7°47	2°56	12°10	22°31	8°11	12°23	22°55	28° 0	21°46	21°49	13° 8	n.a.	T 21
W22	15 15 26	18°51'08	19°54	9°26	3°57	12°48	22°25	8°15	12°24	22°55	27°59	21°41	21°45	13°14	n.a.	W22
T 23	15 19 23	19°48'12	1♒50	11° 4	4°57	13°26	22°19	8°19	12°24	22°56	27°58	21°38	21°42	13°21	n.a.	T 23
F 24	15 23 19	20°45'15	13°40	12°39	5°57	14° 4	22°13	8°23	12°24	22°56	27°57	21°38	21°39	13°28	n.a.	F 24
S 25	15 27 16	21°42'20	25°29	14°12	6°57	14°41	22° 7	8°27	12°24	22°56	27°56	21°38	21°36	13°34	n.a.	S 25
S 26	15 31 12	22°39'24	7♓22	15°42	7°57	15°19	22° 2	8°31	12°24	22°57	27°55	21°37	21°33	13°41	n.a.	S 26
M27	15 35 9	23°36'29	19°25	17°10	8°56	15°57	21°56	8°35	12°25	22°57	27°54	21°35	21°30	13°47	n.a.	M27
T 28	15 39 5	24°33'34	1♈43	18°36	9°55	16°35	21°51	8°39	12°25	22°57	27°53	21°31	21°26	13°54	n.a.	T 28
W29	15 43 2	25°30'40	14°20	20° 0	10°53	17°13	21°45	8°42	12°R25	22°58	27°52	21°25	21°23	14° 1	n.a.	W29
T 30	15 46 59	26°27'46	27°17	21°21	11°51	17°50	21°40	8°46	12°25	22°58	27°51	21°16	21°20	14° 7	n.a.	T 30
F 31	15 50 55	27♉24'52	10♉37	22♊40	12♋49	18♊28	21♎35	8♓49	12♒25	22♌59	27♐50	21♌ 5	21♌17	14♒14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n15	0s38	3s24	11n13	0n23	25n 5	2n33	21n23	1n 1	8s38	1n15	11s20	2s13	18s 9	0s44	15n33	1n33	29s45	5s56	13n42	14n 7	16s45		n.a.
T 2	11 35	3n42	4 9	12 10	0 33	25 14	2 33	21 32	1 1	8 35	1 15	11 18	2 14	18 9	0 44	15 33	1 33	29 45	5 56	13 45	14 8	16 44		n.a.
F 3	11 56	7 58	4 41	13 6	0 43	25 23	2 34	21 40	1 2	8 33	1 14	11 16	2 14	18 9	0 44	15 33	1 33	29 45	5 56	13 48	14 9	16 43		n.a.
S 4	12 16	11 55	4 59	14 1	0 52	25 32	2 34	21 48	1 2	8 30	1 14	11 14	2 14	18 8	0 44	15 33	1 33	29 46	5 56	13 52	14 10	16 42		n.a.
S 5	12 36	15 20	5 1	14 54	1 1	25 39	2 35	21 56	1 2	8 27	1 14	11 12	2 14	18 8	0 44	15 33	1 33	29 46	5 56	13 56	14 11	16 41		n.a.
M 6	12 56	17 58	4 46	15 45	1 10	25 46	2 35	22 4	1 2	8 25	1 14	11 10	2 15	18 8	0 45	15 33	1 33	29 46	5 57	13 59	14 12	16 40		n.a.
T 7	13 16	19 34	4 13	16 34	1 18	25 53	2 35	22 12	1 2	8 22	1 14	11 8	2 15	18 7	0 45	15 33	1 32	29 46	5 57	14 1	14 13	16 39		n.a.
W 8	13 35	20 0	3 25	17 21	1 26	25 58	2 35	22 19	1 3	8 20	1 14	11 6	2 15	18 7	0 45	15 33	1 32	29 46	5 57	14 3	14 14	16 38		n.a.
T 9	13 54	19 10	2 25	18 6	1 33	26 3	2 35	22 27	1 3	8 17	1 13	11 5	2 15	18 7	0 45	15 33	1 32	29 47	5 57	14 3	14 15	16 37		n.a.
F 10	14 13	17 9	1 15	18 49	1 39	26 8	2 35	22 34	1 3	8 14	1 13	11 3	2 15	18 7	0 45	15 33	1 32	29 47	5 58	14 3	14 17	16 36		n.a.
S 11	14 32	14 5	0 1	19 29	1 44	26 11	2 35	22 41	1 3	8 12	1 13	11 1	2 16	18 7	0 45	15 33	1 32	29 47	5 58	14 3	14 18	16 35		n.a.
S 12	14 51	10 12	1n14	20 7	1 49	26 14	2 34	22 48	1 3	8 9	1 13	11 0	2 16	18 6	0 45	15 33	1 32	29 47	5 58	14 4	14 19	16 34		n.a.
M13	15 9	5 44	2 23	20 43	1 54	26 17	2 34	22 54	1 4	8 7	1 13	10 58	2 16	18 6	0 45	15 33	1 32	29 47	5 58	14 4	14 20	16 33		n.a.
T 14	15 27	0 59	3 24	21 16	1 57	26 18	2 33	23 1	1 4	8 4	1 13	10 56	2 16	18 6	0 45	15 33	1 32	29 48	5 58	14 6	14 21	16 32		n.a.
W15	15 45	3s46	4 11	21 46	2 0	26 19	2 32	23 7	1 4	8 2	1 12	10 55	2 17	18 6	0 45	15 33	1 32	29 48	5 59	14 8	14 22	16 31		n.a.
T 16	16 3	8 16	4 44	22 14	2 2	26 20	2 31	23 14	1 4	8 0	1 12	10 53	2 17	18 6	0 45	15 33	1 32	29 48	5 59	14 12	14 23	16 30		n.a.
F 17	16 20	12 17	4 59	22 40	2 4	26 19	2 30	23 20	1 4	7 57	1 12	10 52	2 17	18 6	0 45	15 33	1 32	29 48	5 59	14 16	14 24	16 29		n.a.
S 18	16 37	15 35	4 58	23 3	2 5	26 19	2 29	23 25	1 5	7 55	1 12	10 50	2 17	18 5	0 45	15 33	1 32	29 48	5 59	14 20	14 25	16 28		n.a.
S 19	16 54	18 3	4 42	23 24	2 5	26 17	2 27	23 31	1 5	7 53	1 12	10 49	2 18	18 5	0 45	15 33	1 32	29 48	5 59	14 23	14 26	16 27		n.a.
M20	17 10	19 34	4 12	23 43	2 4	26 15	2 26	23 37	1 5	7 51	1 11	10 47	2 18	18 5	0 45	15 33	1 32	29 49	6 0	14 27	14 27	16 25		n.a.
T 21	17 27	20 6	3 30	23 59	2 3	26 12	2 24	23 42	1 5	7 48	1 11	10 46	2 18	18 5	0 45	15 33	1 32	29 49	6 0	14 29	14 28	16 24		n.a.
W22	17 43	19 42	2 40	24 14	2 1	26 8	2 22	23 47	1 5	7 46	1 11	10 45	2 18	18 5	0 45	15 33	1 32	29 49	6 0	14 31	14 29	16 23		n.a.
T 23	17 59	18 24	1 43	24 26	1 59	26 4	2 20	23 52	1 6	7 44	1 11	10 43	2 19	18 5	0 45	15 32	1 32	29 49	6 0	14 31	14 30	16 22		n.a.
F 24	18 14	16 19	0 42	24 36	1 56	25 59	2 18	23 57	1 6	7 42	1 10	10 42	2 19	18 5	0 45	15 32	1 32	29 49	6 0	14 32	14 31	16 21		n.a.
S 25	18 29	13 33	0s20	24 44	1 52	25 54	2 15	24 2	1 6	7 40	1 10	10 41	2 19	18 5	0 45	15 32	1 32	29 49	6 0	14 32	14 32	16 20		n.a.
S 26	18 44	10 13	1 22	24 50	1 48	25 48	2 13	24 6	1 6	7 38	1 10	10 40	2 19	18 5	0 45	15 32	1 32	29 50	6 1	14 32	14 33	16 19		n.a.
M27	18 59	6 25	2 22	24 54	1 43	25 42	2 10	24 11	1 6	7 36	1 10	10 38	2 20	18 5	0 45	15 32	1 32	29 50	6 1	14 32	14 34	16 18		n.a.
T 28	19 13	2 17	3 15	24 57	1 37	25 35	2 8	24 15	1 6	7 35	1 9	10 37	2 20	18 5	0 45	15 32	1 32	29 50	6 1	14 34	14 35	16 17		n.a.
W29	19 27	2n 3	4 1	24 58	1 31	25 27	2 5	24 19	1 6	7 33	1 9	10 36	2 20	18 5	0 45	15 32	1 32	29 50	6 1	14 36	14 36	16 16		n.a.
T 30	19 41	6 24	4 35	24 57	1 25	25 19	2 1	24 22	1 7	7 31	1 9	10 35	2 21	18 5	0 45	15 31	1 32	29 50	6 1	14 39	14 37	16 15		n.a.
F 31	19n54	10n34	4s56	24n55	1n18	25n10	1n58	24n26	1n 7	7s29	1n 9	10s34	2s21	18s 5	0s46	15n31	1n31	29s50	6s 1	14n42	14n38	16s13		n.a.

Julian Day Number = 1288722.5, Delta T = 08h01m15s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'38, Lahiri = -20°18'37 Julian Calendar 1 May 1185 BCE == Greg. Calendar 20 Apr. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

JUNE 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 52	28♉21'59	24♉18	23♊57	13♋46	19♊ 6	21°R30	8♓52	12°R24	22♌59	27°R48	20°R53	21♌14	14♒21	n.a.	S 1
S 2	15 58 48	29°19'07	8♊17	25°11	14°43	19°44	21♎26	8°56	12♒24	23° 0	27♐47	20♌42	21°10	14°27	n.a.	S 2
M 3	16 2 45	0♊16'15	22°29	26°23	15°39	20°22	21°21	8°59	12°24	23° 0	27°46	20°32	21° 7	14°34	n.a.	M 3
T 4	16 6 41	1°13'23	6♋48	27°31	16°35	20°59	21°17	9° 2	12°24	23° 1	27°45	20°24	21° 4	14°41	n.a.	T 4
W 5	16 10 38	2°10'31	21°10	28°38	17°30	21°37	21°13	9° 5	12°23	23° 2	27°44	20°19	21° 1	14°47	n.a.	W 5
T 6	16 14 34	3° 7'40	5♌31	29°41	18°25	22°15	21° 8	9° 7	12°23	23° 2	27°42	20°17	20°58	14°54	n.a.	T 6
F 7	16 18 31	4° 4'48	19°46	0♋41	19°20	22°53	21° 5	9°10	12°23	23° 3	27°41	20°D16	20°55	15° 1	n.a.	F 7
S 8	16 22 28	5° 1'57	3♍54	1°39	20°13	23°31	21° 1	9°13	12°22	23° 4	27°40	20°R16	20°51	15° 7	n.a.	S 8
S 9	16 26 24	5°59'07	17°55	2°33	21° 7	24° 9	20°57	9°15	12°22	23° 4	27°39	20°16	20°48	15°14	n.a.	S 9
M10	16 30 21	6°56'16	1♎47	3°24	21°59	24°47	20°54	9°18	12°21	23° 5	27°37	20°14	20°45	15°21	n.a.	M10
T 11	16 34 17	7°53'26	15°30	4°12	22°51	25°24	20°51	9°20	12°20	23° 6	27°36	20° 9	20°42	15°27	n.a.	T 11
W12	16 38 14	8°50'36	29° 4	4°56	23°43	26° 2	20°48	9°22	12°20	23° 7	27°35	20° 2	20°39	15°34	n.a.	W12
T 13	16 42 10	9°47'47	12♏26	5°37	24°33	26°40	20°45	9°25	12°19	23° 8	27°34	19°53	20°36	15°40	n.a.	T 13
F 14	16 46 7	10°44'59	25°37	6°14	25°23	27°18	20°42	9°27	12°18	23° 9	27°32	19°42	20°32	15°47	n.a.	F 14
S 15	16 50 4	11°42'11	8♐33	6°47	26°13	27°56	20°40	9°29	12°18	23°10	27°31	19°30	20°29	15°54	n.a.	S 15
S 16	16 54 0	12°39'24	21°15	7°15	27° 1	28°34	20°37	9°30	12°17	23°11	27°30	19°19	20°26	16° 0	n.a.	S 16
M17	16 57 57	13°36'38	3♑43	7°40	27°49	29°12	20°35	9°32	12°16	23°12	27°28	19°10	20°23	16° 7	n.a.	M17
T 18	17 1 53	14°33'53	15°56	8° 0	28°36	29°50	20°33	9°34	12°15	23°13	27°27	19° 3	20°20	16°14	n.a.	T 18
W19	17 5 50	15°31'09	27°58	8°15	29°23	0♋28	20°31	9°35	12°14	23°14	27°26	18°59	20°16	16°20	n.a.	W19
T 20	17 9 46	16°28'26	9♒51	8°25	0♌ 8	1° 6	20°30	9°37	12°13	23°15	27°24	18°56	20°13	16°27	n.a.	T 20
F 21	17 13 43	17°25'44	21°40	8°31	0°53	1°44	20°28	9°38	12°12	23°16	27°23	18°D56	20°10	16°34	n.a.	F 21
S 22	17 17 39	18°23'04	3♓28	8°R31	1°37	2°22	20°27	9°39	12°11	23°17	27°22	18°57	20° 7	16°40	n.a.	S 22
S 23	17 21 36	19°20'24	15°21	8°27	2°19	3° 0	20°26	9°41	12°10	23°18	27°20	18°R57	20° 4	16°47	n.a.	S 23
M24	17 25 33	20°17'46	27°24	8°17	3° 1	3°38	20°25	9°42	12° 8	23°20	27°19	18°57	20° 1	16°54	n.a.	M24
T 25	17 29 29	21°15'09	9♈42	8° 2	3°42	4°16	20°24	9°42	12° 7	23°21	27°18	18°55	19°57	17° 0	n.a.	T 25
W26	17 33 26	22°12'34	22°21	7°42	4°22	4°54	20°24	9°43	12° 6	23°22	27°16	18°52	19°54	17° 7	n.a.	W26
T 27	17 37 22	23°10'00	5♉23	7°17	5° 0	5°32	20°23	9°44	12° 5	23°23	27°15	18°46	19°51	17°14	n.a.	T 27
F 28	17 41 19	24° 7'28	18°51	6°47	5°38	6°10	20°D23	9°45	12° 3	23°25	27°13	18°38	19°48	17°20	n.a.	F 28
S 29	17 45 15	25° 4'57	2♊44	6°12	6°14	6°48	20°23	9°45	12° 2	23°26	27°12	18°30	19°45	17°27	n.a.	S 29
S 30	17 49 12	26♊ 2'27	16♊59	5♋34	6♌49	7♋26	20♎23	9♓45	12♒ 1	23♌27	27♐11	18♌21	19♌42	17♒33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 7	14n18	5s 0	24n52	1n10	25n 1	1n55	24n29	1n 7	7s28	1n 8	10s33	2s21	18s 5	0s46	15n31	1n31	29s50	6s 2	14n46	14n39	16s12		n.a.
S 2	20 20	17 19	4 47	24 47	1 2	24 51	1 51	24 33	1 7	7 26	1 8	10 32	2 21	18 5	0 46	15 31	1 31	29 51	6 2	14 50	14 41	16 11		n.a.
M 3	20 32	19 21	4 16	24 40	0 53	24 40	1 47	24 36	1 7	7 25	1 8	10 31	2 22	18 5	0 46	15 30	1 31	29 51	6 2	14 53	14 42	16 10		n.a.
T 4	20 45	20 11	3 29	24 33	0 44	24 29	1 43	24 38	1 7	7 23	1 8	10 30	2 22	18 6	0 46	15 30	1 31	29 51	6 2	14 56	14 43	16 9		n.a.
W 5	20 56	19 42	2 28	24 24	0 35	24 18	1 39	24 41	1 7	7 22	1 7	10 29	2 22	18 6	0 46	15 30	1 31	29 51	6 2	14 57	14 44	16 8		n.a.
T 6	21 8	17 57	1 17	24 15	0 25	24 6	1 35	24 44	1 8	7 21	1 7	10 28	2 23	18 6	0 46	15 30	1 31	29 51	6 2	14 58	14 45	16 7		n.a.
F 7	21 19	15 5	0 3	24 4	0 14	23 54	1 30	24 46	1 8	7 19	1 7	10 28	2 23	18 6	0 46	15 29	1 31	29 51	6 3	14 58	14 46	16 6		n.a.
S 8	21 29	11 21	1n12	23 53	0 3	23 41	1 25	24 48	1 8	7 18	1 7	10 27	2 23	18 6	0 46	15 29	1 31	29 51	6 3	14 58	14 47	16 4		n.a.
S 9	21 40	7 1	2 21	23 40	0s 8	23 28	1 20	24 50	1 8	7 17	1 6	10 26	2 23	18 6	0 46	15 29	1 31	29 52	6 3	14 58	14 48	16 3		n.a.
M10	21 50	2 21	3 22	23 28	0 20	23 15	1 15	24 52	1 8	7 16	1 6	10 26	2 24	18 7	0 46	15 29	1 31	29 52	6 3	14 59	14 49	16 2		n.a.
T 11	21 59	2s22	4 9	23 14	0 32	23 1	1 10	24 53	1 8	7 15	1 6	10 25	2 24	18 7	0 46	15 28	1 31	29 52	6 3	15 0	14 50	16 1		n.a.
W12	22 8	6 55	4 43	23 0	0 44	22 46	1 4	24 55	1 8	7 14	1 6	10 24	2 24	18 7	0 46	15 28	1 31	29 52	6 3	15 3	14 51	16 0		n.a.
T 13	22 17	11 4	5 0	22 46	0 57	22 32	0 59	24 56	1 8	7 13	1 5	10 24	2 25	18 7	0 46	15 28	1 31	29 52	6 3	15 6	14 52	15 59		n.a.
F 14	22 26	14 37	5 1	22 31	1 10	22 17	0 53	24 57	1 8	7 13	1 5	10 23	2 25	18 7	0 46	15 27	1 31	29 52	6 3	15 9	14 53	15 58		n.a.
S 15	22 34	17 23	4 46	22 16	1 23	22 1	0 47	24 58	1 9	7 12	1 5	10 23	2 25	18 8	0 46	15 27	1 31	29 52	6 4	15 13	14 54	15 56		n.a.
S 16	22 41	19 15	4 17	22 1	1 37	21 45	0 40	24 58	1 9	7 11	1 4	10 22	2 25	18 8	0 46	15 26	1 31	29 52	6 4	15 16	14 55	15 55		n.a.
M17	22 49	20 10	3 37	21 46	1 50	21 29	0 34	24 59	1 9	7 11	1 4	10 22	2 26	18 8	0 46	15 26	1 31	29 52	6 4	15 19	14 56	15 54		n.a.
T 18	22 55	20 6	2 47	21 32	2 4	21 13	0 27	24 59	1 9	7 10	1 4	10 22	2 26	18 9	0 46	15 26	1 31	29 52	6 4	15 21	14 57	15 53		n.a.
W19	23 2	19 7	1 50	21 17	2 18	20 57	0 20	24 59	1 9	7 10	1 4	10 21	2 26	18 9	0 46	15 25	1 31	29 52	6 4	15 23	14 58	15 52		n.a.
T 20	23 8	17 18	0 48	21 3	2 31	20 40	0 13	24 59	1 9	7 10	1 3	10 21	2 27	18 9	0 46	15 25	1 31	29 53	6 4	15 23	14 59	15 51		n.a.
F 21	23 14	14 45	0s15	20 49	2 45	20 23	0 5	24 58	1 9	7 9	1 3	10 21	2 27	18 10	0 46	15 25	1 31	29 53	6 4	15 24	15 0	15 49		n.a.
S 22	23 19	11 36	1 17	20 35	2 58	20 6	0s 2	24 58	1 9	7 9	1 3	10 21	2 27	18 10	0 46	15 24	1 31	29 53	6 4	15 23	15 1	15 48		n.a.
S 23	23 24	7 58	2 17	20 22	3 12	19 48	0 10	24 57	1 9	7 9	1 2	10 20	2 28	18 10	0 46	15 24	1 31	29 53	6 5	15 23	15 2	15 47		n.a.
M24	23 28	3 58	3 11	20 10	3 24	19 31	0 18	24 56	1 9	7 9	1 2	10 20	2 28	18 11	0 46	15 23	1 31	29 53	6 5	15 23	15 3	15 46		n.a.
T 25	23 32	0n16	3 58	19 59	3 36	19 13	0 27	24 55	1 9	7 9	1 2	10 20	2 28	18 11	0 46	15 23	1 30	29 53	6 5	15 24	15 4	15 45		n.a.
W26	23 36	4 36	4 35	19 49	3 48	18 55	0 35	24 54	1 9	7 9	1 2	10 20	2 29	18 11	0 46	15 22	1 30	29 53	6 5	15 25	15 5	15 43		n.a.
T 27	23 39	8 51	4 58	19 40	3 58	18 37	0 44	24 52	1 10	7 9	1 1	10 20	2 29	18 12	0 47	15 22	1 30	29 53	6 5	15 27	15 6	15 42		n.a.
F 28	23 42	12 48	5 6	19 32	4 8	18 19	0 53	24 51	1 10	7 9	1 1	10 20	2 29	18 12	0 47	15 21	1 30	29 53	6 5	15 29	15 7	15 41		n.a.
S 29	23 44	16 11	4 57	19 25	4 16	18 1	1 2	24 49	1 10	7 9	1 1	10 20	2 29	18 13	0 47	15 21	1 30	29 53	6 5	15 32	15 8	15 40		n.a.
S 30	23n46	18n43	4s30	19n19	4s24	17n43	1s12	24n47	1n10	7s10	1n 0	10s20	2s30	18s13	0s47	15n20	1n30	29s53	6s 5	15n35	15n 9	15s39		n.a.

Julian Day Number = 1288753.5, Delta T = 08h01m13s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'33, Lahiri = -20°18'33 Julian Calendar 1 June 1185 BCE == Greg. Calendar 21 May 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

JULY 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 53 8	26♊59'59	1♋32	4°R52	7♌23	8♋ 4	20♎24	9♓46	11°R59	23♌29	27°R 9	18°R14	19♌38	17♒40	n.a.	M 1
T 2	17 57 5	27°57'32	16°15	4♋ 7	7°56	8°43	20°24	9°46	11♒58	23°30	27♐ 8	18♌ 8	19°35	17°47	n.a.	T 2
W 3	18 1 2	28°55'06	1♌ 1	3°20	8°27	9°21	20°25	9°R46	11°56	23°32	27° 7	18° 5	19°32	17°53	n.a.	W 3
T 4	18 4 58	29°52'42	15°43	2°31	8°57	9°59	20°26	9°46	11°54	23°33	27° 5	18°D 4	19°29	18° 0	n.a.	T 4
F 5	18 8 55	0♋50'18	0♍16	1°42	9°25	10°37	20°27	9°46	11°53	23°35	27° 4	18° 4	19°26	18° 7	n.a.	F 5
S 6	18 12 51	1°47'56	14°35	0°53	9°52	11°15	20°29	9°46	11°51	23°36	27° 2	18° 6	19°22	18°13	n.a.	S 6
S 7	18 16 48	2°45'35	28°38	0° 5	10°17	11°53	20°30	9°45	11°50	23°38	27° 1	18°R 6	19°19	18°20	n.a.	S 7
M 8	18 20 44	3°43'14	12♎26	29♊20	10°41	12°32	20°32	9°45	11°48	23°39	27° 0	18° 6	19°16	18°27	n.a.	M 8
T 9	18 24 41	4°40'55	25°58	28°38	11° 3	13°10	20°34	9°44	11°46	23°41	26°58	18° 4	19°13	18°33	n.a.	T 9
W10	18 28 37	5°38'38	9♏15	28° 0	11°23	13°48	20°36	9°44	11°44	23°42	26°57	18° 0	19°10	18°40	n.a.	W10
T 11	18 32 34	6°36'21	22°18	27°26	11°41	14°26	20°38	9°43	11°42	23°44	26°56	17°55	19° 7	18°47	n.a.	T 11
F 12	18 36 31	7°34'06	5♐ 7	26°59	11°57	15° 5	20°40	9°42	11°41	23°46	26°54	17°48	19° 3	18°53	n.a.	F 12
S 13	18 40 27	8°31'53	17°44	26°38	12°11	15°43	20°43	9°41	11°39	23°47	26°53	17°41	19° 0	19° 0	n.a.	S 13
S 14	18 44 24	9°29'41	0♑ 8	26°23	12°24	16°21	20°46	9°40	11°37	23°49	26°52	17°35	18°57	19° 7	n.a.	S 14
M15	18 48 20	10°27'31	12°22	26°D16	12°34	17° 0	20°49	9°39	11°35	23°51	26°50	17°29	18°54	19°13	n.a.	M15
T 16	18 52 17	11°25'22	24°26	26°16	12°42	17°38	20°52	9°37	11°33	23°53	26°49	17°25	18°51	19°20	n.a.	T 16
W17	18 56 13	12°23'15	6♒21	26°25	12°48	18°17	20°55	9°36	11°31	23°54	26°48	17°23	18°48	19°26	n.a.	W17
T 18	19 0 10	13°21'10	18°11	26°41	12°52	18°55	20°59	9°34	11°29	23°56	26°46	17°D22	18°44	19°33	n.a.	T 18
F 19	19 4 6	14°19'06	29°58	27° 5	12°R53	19°33	21° 2	9°33	11°27	23°58	26°45	17°23	18°41	19°40	n.a.	F 19
S 20	19 8 3	15°17'05	11♓45	27°37	12°52	20°12	21° 6	9°31	11°25	24° 0	26°44	17°25	18°38	19°46	n.a.	S 20
S 21	19 12 0	16°15'05	23°38	28°17	12°49	20°50	21°10	9°29	11°23	24° 2	26°42	17°26	18°35	19°53	n.a.	S 21
M22	19 15 56	17°13'08	5♈40	29° 4	12°44	21°29	21°14	9°27	11°21	24° 3	26°41	17°28	18°32	20° 0	n.a.	M22
T 23	19 19 53	18°11'12	17°57	29°59	12°36	22° 7	21°19	9°25	11°18	24° 5	26°40	17°R28	18°28	20° 6	n.a.	T 23
W24	19 23 49	19° 9'19	0♉34	1♋ 1	12°25	22°46	21°23	9°23	11°16	24° 7	26°39	17°28	18°25	20°13	n.a.	W24
T 25	19 27 46	20° 7'28	13°33	2° 9	12°13	23°24	21°28	9°21	11°14	24° 9	26°37	17°26	18°22	20°20	n.a.	T 25
F 26	19 31 42	21° 5'39	26°59	3°24	11°58	24° 3	21°33	9°19	11°12	24°11	26°36	17°23	18°19	20°26	n.a.	F 26
S 27	19 35 39	22° 3'52	10♊52	4°45	11°41	24°41	21°37	9°16	11°10	24°13	26°35	17°20	18°16	20°33	n.a.	S 27
S 28	19 39 35	23° 2'08	25°12	6°11	11°21	25°20	21°43	9°14	11° 7	24°15	26°34	17°16	18°13	20°40	n.a.	S 28
M29	19 43 32	24° 0'25	9♋54	7°42	11° 0	25°59	21°48	9°11	11° 5	24°17	26°33	17°13	18° 9	20°46	n.a.	M29
T 30	19 47 29	24°58'45	24°51	9°17	10°36	26°37	21°53	9° 9	11° 3	24°19	26°31	17°11	18° 6	20°53	n.a.	T 30
W31	19 51 25	25♋57'06	9♌56	10♋56	10♌10	27♋16	21♎59	9♓ 6	11♒ 1	24♌21	26♐30	17°D10	18♌ 3	20♒59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	20n 6	3s44	19n15	4s29	17n25	1s21	24n45	1n10	7s10	1n 0	10s21	2s30	18s13	0s47	15n20	1n30	29s53	6s 5	15n37	15n10	15s37			n.a.
T 2	23 49	20 8	2 43	19 13	4 34	17 7	1 31	24 42	1 10	7 11	1 0	10 21	2 30	18 14	0 47	15 19	1 30	29 53	6 5	15 39	15 11	15 36			n.a.
W 3	23 50	18 47	1 31	19 11	4 36	16 49	1 42	24 40	1 10	7 11	0 59	10 21	2 31	18 14	0 47	15 19	1 30	29 53	6 5	15 40	15 12	15 35			n.a.
T 4	23 50	16 11	0 13	19 12	4 37	16 31	1 52	24 37	1 10	7 12	0 59	10 21	2 31	18 15	0 47	15 18	1 30	29 53	6 5	15 40	15 13	15 34			n.a.
F 5	23 50	12 35	1n 6	19 14	4 36	16 13	2 3	24 34	1 10	7 13	0 59	10 22	2 31	18 15	0 47	15 18	1 30	29 53	6 6	15 40	15 14	15 32			n.a.
S 6	23 49	8 17	2 19	19 17	4 33	15 55	2 14	24 31	1 10	7 13	0 59	10 22	2 32	18 16	0 47	15 17	1 30	29 53	6 6	15 39	15 15	15 31			n.a.
S 7	23 48	3 38	3 22	19 22	4 28	15 38	2 25	24 27	1 10	7 14	0 58	10 22	2 32	18 16	0 47	15 17	1 30	29 53	6 6	15 39	15 16	15 30			n.a.
M 8	23 47	1s 8	4 12	19 28	4 22	15 20	2 36	24 24	1 10	7 15	0 58	10 23	2 32	18 17	0 47	15 16	1 30	29 54	6 6	15 39	15 17	15 29			n.a.
T 9	23 45	5 44	4 47	19 36	4 13	15 3	2 48	24 20	1 10	7 16	0 58	10 23	2 32	18 17	0 47	15 16	1 30	29 54	6 6	15 40	15 18	15 27			n.a.
W10	23 43	9 59	5 6	19 46	4 3	14 47	3 0	24 16	1 10	7 17	0 58	10 24	2 33	18 18	0 47	15 15	1 30	29 54	6 6	15 41	15 19	15 26			n.a.
T 11	23 40	13 40	5 9	19 56	3 52	14 30	3 12	24 12	1 10	7 18	0 57	10 25	2 33	18 18	0 47	15 14	1 30	29 54	6 6	15 43	15 20	15 25			n.a.
F 12	23 37	16 39	4 56	20 9	3 39	14 14	3 24	24 8	1 10	7 19	0 57	10 25	2 33	18 19	0 47	15 14	1 30	29 54	6 6	15 45	15 21	15 24			n.a.
S 13	23 33	18 48	4 29	20 22	3 26	13 58	3 36	24 3	1 10	7 21	0 57	10 26	2 34	18 20	0 47	15 13	1 30	29 54	6 6	15 47	15 22	15 22			n.a.
S 14	23 29	20 1	3 49	20 36	3 11	13 42	3 49	23 58	1 10	7 22	0 56	10 26	2 34	18 20	0 47	15 13	1 30	29 54	6 6	15 49	15 23	15 21			n.a.
M15	23 25	20 16	2 59	20 52	2 55	13 27	4 2	23 54	1 10	7 23	0 56	10 27	2 34	18 21	0 47	15 12	1 30	29 54	6 6	15 51	15 24	15 20			n.a.
T 16	23 20	19 35	2 2	21 8	2 39	13 13	4 14	23 49	1 10	7 25	0 56	10 28	2 34	18 21	0 47	15 11	1 30	29 54	6 6	15 52	15 25	15 19			n.a.
W17	23 15	18 2	1 0	21 25	2 22	12 59	4 27	23 43	1 10	7 26	0 56	10 29	2 35	18 22	0 47	15 11	1 30	29 54	6 6	15 53	15 26	15 17			n.a.
T 18	23 9	15 42	0s 4	21 42	2 5	12 45	4 40	23 38	1 10	7 28	0 55	10 30	2 35	18 22	0 47	15 10	1 30	29 54	6 6	15 53	15 27	15 16			n.a.
F 19	23 3	12 44	1 8	22 0	1 48	12 32	4 54	23 32	1 10	7 30	0 55	10 30	2 35	18 23	0 47	15 10	1 30	29 54	6 6	15 53	15 28	15 15			n.a.
S 20	22 56	9 16	2 10	22 18	1 31	12 20	5 7	23 27	1 10	7 31	0 55	10 31	2 36	18 24	0 47	15 9	1 30	29 54	6 6	15 52	15 29	15 13			n.a.
S 21	22 50	5 24	3 6	22 35	1 14	12 8	5 20	23 21	1 10	7 33	0 54	10 32	2 36	18 24	0 47	15 8	1 30	29 54	6 6	15 52	15 30	15 12			n.a.
M22	22 42	1 18	3 55	22 52	0 58	11 57	5 33	23 15	1 10	7 35	0 54	10 33	2 36	18 25	0 47	15 8	1 30	29 54	6 6	15 51	15 31	15 11			n.a.
T 23	22 34	2n57	4 34	23 8	0 42	11 46	5 46	23 8	1 10	7 37	0 54	10 34	2 36	18 26	0 47	15 7	1 30	29 53	6 6	15 51	15 32	15 10			n.a.
W24	22 26	7 10	5 1	23 24	0 26	11 37	5 59	23 2	1 10	7 39	0 54	10 35	2 37	18 26	0 47	15 6	1 30	29 53	6 6	15 51	15 33	15 8			n.a.
T 25	22 18	11 11	5 14	23 38	0 11	11 28	6 12	22 55	1 10	7 41	0 53	10 36	2 37	18 27	0 47	15 6	1 30	29 53	6 6	15 52	15 34	15 7			n.a.
F 26	22 9	14 47	5 10	23 50	0n 3	11 20	6 25	22 48	1 10	7 43	0 53	10 38	2 37	18 27	0 47	15 5	1 30	29 53	6 6	15 53	15 35	15 6			n.a.
S 27	22 0	17 41	4 49	24 1	0 16	11 13	6 37	22 41	1 10	7 45	0 53	10 39	2 37	18 28	0 47	15 4	1 30	29 53	6 6	15 54	15 36	15 4			n.a.
S 28	21 50	19 36	4 9	24 10	0 29	11 6	6 49	22 34	1 10	7 47	0 53	10 40	2 38	18 29	0 47	15 4	1 30	29 53	6 6	15 55	15 37	15 3			n.a.
M29	21 40	20 17	3 11	24 17	0 41	11 1	7 1	22 27	1 10	7 49	0 52	10 41	2 38	18 29	0 47	15 3	1 30	29 53	6 6	15 56	15 38	15 2			n.a.
T 30	21 29	19 32	2 0	24 21	0 51	10 56	7 12	22 19	1 10	7 52	0 52	10 42	2 38	18 30	0 47	15 2	1 30	29 53	6 6	15 56	15 39	15 0			n.a.
W31	21n18	17n25	0s40	24n23	1n 1	10n53	7s23	22n12	1n10	7s54	0n52	10s44	2s38	18s31	0s47	15n 2	1n30	29s53	6s 6	15n57	15n40	14s59			n.a.

Julian Day Number = 1288783.5, Delta T = 08h01m12s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'29, Lahiri = -20°18'29 Julian Calendar 1 July 1185 BCE == Greg. Calendar 20 June 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

AUGUST 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 22	26♋55'30	24♌59	12♋39	9°R42	27♋55	22♎ 5	9°R 3	10°R58	24♌23	26°R29	17♌10	18♌ 0	21♒ 6	n.a.	T 1
F 2	19 59 18	27°53'55	9♍52	14°24	9♌13	28°33	22°11	9♓ 0	10♒56	24°25	26♐28	17°11	17°57	21°13	n.a.	F 2
S 3	20 3 15	28°52'22	24°28	16°11	8°42	29°12	22°17	8°57	10°54	24°27	26°27	17°12	17°54	21°19	n.a.	S 3
S 4	20 7 11	29°50'50	8♎44	18° 1	8° 9	29°51	22°23	8°54	10°51	24°29	26°26	17°13	17°50	21°26	n.a.	S 4
M 5	20 11 8	0♌49'20	22°37	19°52	7°36	0♌30	22°30	8°51	10°49	24°31	26°25	17°14	17°47	21°33	n.a.	M 5
T 6	20 15 4	1°47'53	6♏ 8	21°44	7° 1	1° 9	22°36	8°47	10°47	24°33	26°23	17°R14	17°44	21°39	n.a.	T 6
W 7	20 19 1	2°46'26	19°18	23°36	6°25	1°47	22°43	8°44	10°44	24°35	26°22	17°13	17°41	21°46	n.a.	W 7
T 8	20 22 58	3°45'02	2♐10	25°29	5°49	2°26	22°50	8°41	10°42	24°38	26°21	17°12	17°38	21°53	n.a.	T 8
F 9	20 26 54	4°43'40	14°44	27°22	5°12	3° 5	22°57	8°37	10°39	24°40	26°20	17°11	17°34	21°59	n.a.	F 9
S 10	20 30 51	5°42'19	27° 6	29°16	4°35	3°44	23° 4	8°34	10°37	24°42	26°19	17° 9	17°31	22° 6	n.a.	S 10
S 11	20 34 47	6°41'01	9♑16	1♌ 9	3°59	4°23	23°11	8°30	10°35	24°44	26°18	17° 7	17°28	22°13	n.a.	S 11
M12	20 38 44	7°39'44	21°17	3° 1	3°22	5° 2	23°18	8°26	10°32	24°46	26°17	17° 6	17°25	22°19	n.a.	M12
T 13	20 42 40	8°38'30	3♒12	4°53	2°47	5°41	23°26	8°22	10°30	24°48	26°16	17° 5	17°22	22°26	n.a.	T 13
W14	20 46 37	9°37'17	15° 2	6°45	2°12	6°20	23°34	8°19	10°27	24°50	26°16	17°D 5	17°19	22°33	n.a.	W14
T 15	20 50 33	10°36'07	26°49	8°36	1°38	6°59	23°41	8°15	10°25	24°53	26°15	17° 5	17°15	22°39	n.a.	T 15
F 16	20 54 30	11°34'59	8♓37	10°26	1° 5	7°38	23°49	8°11	10°23	24°55	26°14	17° 6	17°12	22°46	n.a.	F 16
S 17	20 58 26	12°33'53	20°27	12°15	0°34	8°17	23°57	8° 6	10°20	24°57	26°13	17° 6	17° 9	22°52	n.a.	S 17
S 18	21 2 23	13°32'49	2♈23	14° 4	0° 5	8°56	24° 6	8° 2	10°18	24°59	26°12	17° 7	17° 6	22°59	n.a.	S 18
M19	21 6 20	14°31'48	14°28	15°51	29♋37	9°35	24°14	7°58	10°15	25° 1	26°11	17° 7	17° 3	23° 6	n.a.	M19
T 20	21 10 16	15°30'49	26°45	17°38	29°11	10°14	24°22	7°54	10°13	25° 4	26°10	17° 7	16°59	23°12	n.a.	T 20
W21	21 14 13	16°29'53	9♉19	19°24	28°48	10°53	24°31	7°50	10°11	25° 6	26°10	17° 7	16°56	23°19	n.a.	W21
T 22	21 18 9	17°28'59	22°14	21° 9	28°26	11°32	24°40	7°45	10° 8	25° 8	26° 9	17° 7	16°53	23°26	n.a.	T 22
F 23	21 22 6	18°28'08	5♊32	22°53	28° 7	12°12	24°49	7°41	10° 6	25°10	26° 8	17° 7	16°50	23°32	n.a.	F 23
S 24	21 26 2	19°27'19	19°16	24°36	27°50	12°51	24°58	7°36	10° 3	25°12	26° 7	17° 7	16°47	23°39	n.a.	S 24
S 25	21 29 59	20°26'33	3♋27	26°18	27°35	13°30	25° 7	7°32	10° 1	25°15	26° 7	17° 8	16°44	23°46	n.a.	S 25
M26	21 33 55	21°25'49	18° 3	28° 0	27°23	14°10	25°16	7°27	9°59	25°17	26° 6	17° 8	16°40	23°52	n.a.	M26
T 27	21 37 52	22°25'08	2♌59	29°40	27°14	14°49	25°25	7°23	9°56	25°19	26° 5	17° 8	16°37	23°59	n.a.	T 27
W28	21 41 48	23°24'29	18° 8	1♍20	27° 6	15°28	25°35	7°18	9°54	25°21	26° 5	17°R 9	16°34	24° 6	n.a.	W28
T 29	21 45 45	24°23'52	3♍21	2°59	27° 2	16° 8	25°44	7°14	9°52	25°24	26° 4	17° 8	16°31	24°12	n.a.	T 29
F 30	21 49 42	25°23'17	18°28	4°37	26°59	16°47	25°54	7° 9	9°49	25°26	26° 4	17° 8	16°28	24°19	n.a.	F 30
S 31	21 53 38	26♌22'44	3♎21	6♍15	26°D59	17♌26	26♎ 4	7♓ 4	9♒47	25♌28	26♐ 3	17♌ 7	16♌25	24♒26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n 7	14n 5	0n43	24n23	1n10	10n50	7s33	22n 4	1n10	7s57	0n52	10s45	2s39	18s31	0s47	15n 1	1n30	29s53	6s 6	15n57	15n41	14s58			n.a.
F 2	20 55	9 53	2 2	24 20	1 18	10 48	7 43	21 56	1 10	7 59	0 51	10 46	2 39	18 32	0 47	15 0	1 30	29 53	6 6	15 56	15 42	14 56			n.a.
S 3	20 43	5 10	3 12	24 14	1 25	10 47	7 52	21 48	1 10	8 2	0 51	10 48	2 39	18 33	0 47	14 59	1 30	29 53	6 6	15 56	15 43	14 55			n.a.
S 4	20 31	0 16	4 8	24 6	1 31	10 48	8 0	21 39	1 10	8 4	0 51	10 49	2 39	18 33	0 47	14 59	1 30	29 53	6 6	15 56	15 44	14 54			n.a.
M 5	20 18	4s30	4 48	23 55	1 36	10 49	8 8	21 31	1 10	8 7	0 51	10 51	2 40	18 34	0 47	14 58	1 30	29 53	6 6	15 56	15 45	14 52			n.a.
T 6	20 5	8 54	5 11	23 42	1 40	10 50	8 15	21 22	1 10	8 9	0 50	10 52	2 40	18 35	0 47	14 57	1 30	29 53	6 6	15 55	15 46	14 51			n.a.
W 7	19 52	12 46	5 17	23 26	1 44	10 53	8 21	21 13	1 10	8 12	0 50	10 54	2 40	18 35	0 47	14 57	1 29	29 53	6 6	15 56	15 47	14 50			n.a.
T 8	19 38	15 56	5 6	23 8	1 46	10 57	8 26	21 4	1 10	8 15	0 50	10 55	2 40	18 36	0 47	14 56	1 29	29 53	6 6	15 56	15 48	14 48			n.a.
F 9	19 24	18 17	4 41	22 48	1 48	11 1	8 30	20 55	1 10	8 18	0 50	10 57	2 41	18 37	0 47	14 55	1 29	29 53	6 6	15 57	15 49	14 47			n.a.
S 10	19 9	19 45	4 3	22 25	1 49	11 7	8 34	20 46	1 10	8 21	0 49	10 58	2 41	18 37	0 47	14 54	1 29	29 53	6 6	15 57	15 50	14 46			n.a.
S 11	18 54	20 16	3 15	22 1	1 50	11 13	8 36	20 36	1 9	8 24	0 49	11 0	2 41	18 38	0 47	14 54	1 29	29 53	6 6	15 58	15 51	14 44			n.a.
M12	18 39	19 50	2 19	21 34	1 49	11 20	8 38	20 27	1 9	8 27	0 49	11 1	2 41	18 39	0 47	14 53	1 29	29 53	6 6	15 58	15 52	14 43			n.a.
T 13	18 24	18 32	1 16	21 7	1 48	11 27	8 38	20 17	1 9	8 30	0 49	11 3	2 41	18 39	0 47	14 52	1 29	29 52	6 6	15 58	15 53	14 42			n.a.
W14	18 8	16 25	0 11	20 37	1 47	11 35	8 38	20 7	1 9	8 33	0 48	11 5	2 42	18 40	0 47	14 51	1 29	29 52	6 6	15 58	15 54	14 40			n.a.
T 15	17 52	13 37	0s54	20 6	1 45	11 43	8 37	19 57	1 9	8 36	0 48	11 6	2 42	18 41	0 47	14 51	1 29	29 52	6 6	15 58	15 55	14 39			n.a.
F 16	17 36	10 16	1 57	19 34	1 43	11 52	8 35	19 47	1 9	8 39	0 48	11 8	2 42	18 41	0 47	14 50	1 29	29 52	6 6	15 58	15 56	14 37			n.a.
S 17	17 19	6 31	2 55	19 0	1 40	12 2	8 32	19 36	1 9	8 42	0 48	11 10	2 42	18 42	0 47	14 49	1 29	29 52	6 6	15 58	15 57	14 36			n.a.
S 18	17 2	2 29	3 46	18 25	1 37	12 12	8 28	19 26	1 9	8 46	0 47	11 12	2 42	18 43	0 47	14 48	1 29	29 52	6 6	15 58	15 58	14 35			n.a.
M19	16 45	1n41	4 28	17 49	1 33	12 22	8 23	19 15	1 9	8 49	0 47	11 13	2 42	18 43	0 47	14 48	1 29	29 52	6 6	15 58	15 59	14 33			n.a.
T 20	16 27	5 51	4 58	17 13	1 29	12 32	8 18	19 4	1 9	8 52	0 47	11 15	2 43	18 44	0 47	14 47	1 29	29 52	6 5	15 58	16 0	14 32			n.a.
W21	16 9	9 52	5 15	16 35	1 25	12 43	8 12	18 53	1 9	8 56	0 47	11 17	2 43	18 45	0 47	14 46	1 29	29 52	6 5	15 58	16 1	14 31			n.a.
T 22	15 51	13 32	5 17	15 57	1 20	12 54	8 5	18 42	1 9	8 59	0 47	11 19	2 43	18 45	0 47	14 45	1 29	29 52	6 5	15 58	16 2	14 29			n.a.
F 23	15 32	16 38	5 2	15 18	1 15	13 4	7 58	18 31	1 8	9 3	0 46	11 20	2 43	18 46	0 47	14 45	1 29	29 52	6 5	15 58	16 3	14 28			n.a.
S 24	15 14	18 55	4 30	14 38	1 10	13 15	7 50	18 19	1 8	9 6	0 46	11 22	2 43	18 47	0 47	14 44	1 29	29 52	6 5	15 58	16 4	14 26			n.a.
S 25	14 55	20 7	3 40	13 58	1 5	13 26	7 42	18 8	1 8	9 10	0 46	11 24	2 43	18 47	0 47	14 43	1 29	29 52	6 5	15 57	16 5	14 25			n.a.
M26	14 36	20 2	2 35	13 17	0 59	13 37	7 33	17 56	1 8	9 13	0 46	11 26	2 43	18 48	0 47	14 42	1 29	29 51	6 5	15 57	16 6	14 24			n.a.
T 27	14 16	18 33	1 18	12 36	0 53	13 48	7 24	17 44	1 8	9 17	0 45	11 28	2 44	18 49	0 47	14 42	1 29	29 51	6 5	15 57	16 7	14 22			n.a.
W28	13 56	15 44	0n 5	11 55	0 47	13 59	7 15	17 32	1 8	9 21	0 45	11 30	2 44	18 49	0 47	14 41	1 29	29 51	6 5	15 57	16 8	14 21			n.a.
T 29	13 36	11 49	1 29	11 13	0 41	14 9	7 5	17 20	1 8	9 24	0 45	11 32	2 44	18 50	0 47	14 40	1 29	29 51	6 5	15 57	16 9	14 19			n.a.
F 30	13 16	7 10	2 46	10 31	0 35	14 19	6 55	17 8	1 8	9 28	0 45	11 33	2 44	18 50	0 47	14 39	1 29	29 51	6 5	15 57	16 10	14 18			n.a.
S 31	12n56	2n 9	3n50	9n48	0n28	14n29	6s44	16n56	1n 7	9s32	0n45	11s35	2s44	18s51	0s47	14n39	1n29	29s51	6s 5	15n58	16n11	14s16			n.a.

Julian Day Number = 1288814.5, Delta T = 08h01m10s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'25, Lahiri = -20°18'25 Julian Calendar 1 Aug. 1185 BCE == Greg. Calendar 21 July 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

SEPTEMBER 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 35	27♌22'13	17♎52	7♍51	27♋ 1	18♌ 6	26♎13	7°R 0	9°R45	25♌30	26°R 3	17°R 6	16♌21	24♒32	n.a.	S 1
M 2	22 1 31	28°21'44	1♏58	9°27	27° 6	18°45	26°23	6♓55	9♒43	25°33	26♐ 2	17♌ 4	16°18	24°39	n.a.	M 2
T 3	22 5 28	29°21'17	15°36	11° 2	27°13	19°25	26°33	6°50	9°40	25°35	26° 2	17° 4	16°15	24°45	n.a.	T 3
W 4	22 9 24	0♍20'52	28°48	12°37	27°22	20° 4	26°44	6°45	9°38	25°37	26° 1	17°D 3	16°12	24°52	n.a.	W 4
T 5	22 13 21	1°20'29	11♐37	14°11	27°33	20°44	26°54	6°40	9°36	25°39	26° 1	17° 3	16° 9	24°59	n.a.	T 5
F 6	22 17 17	2°20'08	24° 5	15°44	27°47	21°24	27° 4	6°36	9°34	25°41	26° 0	17° 4	16° 5	25° 5	n.a.	F 6
S 7	22 21 14	3°19'48	6♑18	17°16	28° 2	22° 3	27°15	6°31	9°32	25°44	26° 0	17° 6	16° 2	25°12	n.a.	S 7
S 8	22 25 11	4°19'31	18°19	18°48	28°20	22°43	27°25	6°26	9°30	25°46	26° 0	17° 7	15°59	25°19	n.a.	S 8
M 9	22 29 7	5°19'15	0♒12	20°19	28°39	23°23	27°36	6°21	9°27	25°48	25°59	17° 8	15°56	25°25	n.a.	M 9
T 10	22 33 4	6°19'02	12° 1	21°49	29° 0	24° 2	27°47	6°16	9°25	25°50	25°59	17°R 9	15°53	25°32	n.a.	T 10
W11	22 37 0	7°18'50	23°48	23°19	29°24	24°42	27°58	6°11	9°23	25°53	25°59	17° 9	15°50	25°39	n.a.	W11
T 12	22 40 57	8°18'41	5♓37	24°48	29°48	25°22	28° 9	6° 6	9°21	25°55	25°59	17° 8	15°46	25°45	n.a.	T 12
F 13	22 44 53	9°18'33	17°29	26°16	0♌15	26° 2	28°20	6° 2	9°19	25°57	25°58	17° 6	15°43	25°52	n.a.	F 13
S 14	22 48 50	10°18'28	29°26	27°44	0°43	26°41	28°31	5°57	9°17	25°59	25°58	17° 2	15°40	25°59	n.a.	S 14
S 15	22 52 46	11°18'25	11♈30	29°11	1°13	27°21	28°42	5°52	9°15	26° 1	25°58	16°58	15°37	26° 5	n.a.	S 15
M16	22 56 43	12°18'24	23°44	0♎37	1°45	28° 1	28°53	5°47	9°13	26° 3	25°58	16°54	15°34	26°12	n.a.	M16
T 17	23 0 39	13°18'25	6♉ 9	2° 2	2°18	28°41	29° 5	5°42	9°12	26° 6	25°58	16°50	15°31	26°19	n.a.	T 17
W18	23 4 36	14°18'29	18°47	3°27	2°52	29°21	29°16	5°38	9°10	26° 8	25°58	16°47	15°27	26°25	n.a.	W18
T 19	23 8 33	15°18'35	1♊41	4°51	3°28	0♍ 1	29°28	5°33	9° 8	26°10	25°58	16°44	15°24	26°32	n.a.	T 19
F 20	23 12 29	16°18'43	14°54	6°14	4° 5	0°41	29°39	5°28	9° 6	26°12	25°D58	16°D44	15°21	26°38	n.a.	F 20
S 21	23 16 26	17°18'54	28°27	7°36	4°44	1°21	29°51	5°23	9° 4	26°14	25°58	16°44	15°18	26°45	n.a.	S 21
S 22	23 20 22	18°19'06	12♋24	8°57	5°23	2° 1	0♏ 3	5°19	9° 3	26°16	25°58	16°45	15°15	26°52	n.a.	S 22
M23	23 24 19	19°19'22	26°42	10°18	6° 4	2°41	0°15	5°14	9° 1	26°18	25°58	16°47	15°11	26°58	n.a.	M23
T 24	23 28 15	20°19'39	11♌22	11°37	6°46	3°21	0°27	5°10	8°59	26°21	25°58	16°R48	15° 8	27° 5	n.a.	T 24
W25	23 32 12	21°19'58	26°18	12°55	7°29	4° 1	0°39	5° 5	8°58	26°23	25°58	16°48	15° 5	27°12	n.a.	W25
T 26	23 36 8	22°20'20	11♍24	14°11	8°13	4°42	0°51	5° 0	8°56	26°25	25°58	16°46	15° 2	27°18	n.a.	T 26
F 27	23 40 5	23°20'43	26°30	15°26	8°59	5°22	1° 3	4°56	8°55	26°27	25°59	16°42	14°59	27°25	n.a.	F 27
S 28	23 44 1	24°21'08	11♎27	16°39	9°45	6° 2	1°15	4°51	8°53	26°29	25°59	16°37	14°56	27°32	n.a.	S 28
S 29	23 47 58	25°21'35	26° 7	17°51	10°32	6°42	1°28	4°47	8°52	26°31	25°59	16°31	14°52	27°38	n.a.	S 29
M30	23 51 55	26♍22'03	10♏23	19♎ 0	11♌20	7♍23	1♏40	4♓43	8♒50	26♌33	25♐59	16♌24	14♌49	27♒45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n35	2s52	4n37	9n 6	0n22	14n39	6s34	16n43	1n 7	9s36	0n44	11s37	2s44	18s52	0s47	14n38	1n30	29s51	6s 5	15n58	16n12	14s15		n.a.
M 2	12 14	7 34	5 6	8 23	0 15	14 49	6 23	16 31	1 7	9 40	0 44	11 39	2 44	18 52	0 47	14 37	1 30	29 51	6 5	15 58	16 13	14 14		n.a.
T 3	11 53	11 43	5 17	7 41	0 9	14 58	6 13	16 18	1 7	9 44	0 44	11 41	2 44	18 53	0 47	14 36	1 30	29 51	6 5	15 59	16 14	14 12		n.a.
W 4	11 32	15 10	5 11	6 58	0 2	15 7	6 2	16 5	1 7	9 47	0 44	11 43	2 44	18 53	0 47	14 36	1 30	29 51	6 4	15 59	16 15	14 11		n.a.
T 5	11 10	17 47	4 49	6 15	0s 5	15 16	5 51	15 52	1 7	9 51	0 44	11 45	2 44	18 54	0 47	14 35	1 30	29 51	6 4	15 59	16 15	14 9		n.a.
F 6	10 49	19 29	4 14	5 32	0 12	15 24	5 40	15 39	1 7	9 55	0 43	11 47	2 44	18 55	0 47	14 34	1 30	29 50	6 4	15 59	16 16	14 8		n.a.
S 7	10 27	20 14	3 28	4 49	0 19	15 32	5 29	15 26	1 7	9 59	0 43	11 48	2 44	18 55	0 47	14 33	1 30	29 50	6 4	15 58	16 17	14 6		n.a.
S 8	10 5	20 2	2 33	4 7	0 26	15 39	5 18	15 13	1 6	10 3	0 43	11 50	2 45	18 56	0 47	14 33	1 30	29 50	6 4	15 58	16 18	14 5		n.a.
M 9	9 43	18 56	1 33	3 24	0 33	15 46	5 7	14 59	1 6	10 7	0 43	11 52	2 45	18 56	0 47	14 32	1 30	29 50	6 4	15 57	16 19	14 3		n.a.
T 10	9 20	17 1	0 28	2 42	0 40	15 52	4 56	14 46	1 6	10 12	0 43	11 54	2 45	18 57	0 47	14 31	1 30	29 50	6 4	15 57	16 20	14 2		n.a.
W11	8 58	14 23	0s37	1 59	0 47	15 58	4 45	14 32	1 6	10 16	0 43	11 56	2 45	18 57	0 47	14 30	1 30	29 50	6 4	15 57	16 21	14 0		n.a.
T 12	8 35	11 9	1 40	1 17	0 53	16 4	4 34	14 18	1 6	10 20	0 42	11 58	2 45	18 58	0 47	14 30	1 30	29 50	6 4	15 57	16 22	13 59		n.a.
F 13	8 12	7 28	2 40	0 35	1 0	16 9	4 23	14 5	1 6	10 24	0 42	12 0	2 45	18 58	0 47	14 29	1 30	29 50	6 4	15 58	16 23	13 58		n.a.
S 14	7 50	3 28	3 32	0s 6	1 7	16 13	4 13	13 51	1 5	10 28	0 42	12 1	2 45	18 59	0 47	14 28	1 30	29 50	6 4	15 59	16 24	13 56		n.a.
S 15	7 26	0n42	4 16	0 48	1 14	16 17	4 2	13 36	1 5	10 32	0 42	12 3	2 45	18 59	0 47	14 27	1 30	29 50	6 3	16 0	16 25	13 55		n.a.
M16	7 3	4 54	4 49	1 29	1 21	16 20	3 51	13 22	1 5	10 37	0 42	12 5	2 45	19 0	0 47	14 27	1 30	29 49	6 3	16 2	16 26	13 53		n.a.
T 17	6 40	8 56	5 8	2 9	1 27	16 23	3 41	13 8	1 5	10 41	0 41	12 7	2 45	19 0	0 47	14 26	1 30	29 49	6 3	16 3	16 27	13 52		n.a.
W18	6 16	12 40	5 14	2 49	1 34	16 25	3 31	12 54	1 5	10 45	0 41	12 9	2 45	19 1	0 47	14 25	1 30	29 49	6 3	16 4	16 28	13 50		n.a.
T 19	5 53	15 53	5 3	3 29	1 40	16 27	3 20	12 39	1 4	10 50	0 41	12 10	2 45	19 1	0 47	14 24	1 30	29 49	6 3	16 5	16 29	13 49		n.a.
F 20	5 29	18 23	4 37	4 8	1 46	16 28	3 10	12 25	1 4	10 54	0 41	12 12	2 45	19 2	0 47	14 24	1 30	29 49	6 3	16 5	16 30	13 47		n.a.
S 21	5 5	19 55	3 55	4 47	1 52	16 29	3 0	12 10	1 4	10 58	0 41	12 14	2 45	19 2	0 47	14 23	1 30	29 49	6 3	16 5	16 31	13 46		n.a.
S 22	4 42	20 18	2 57	5 25	1 58	16 29	2 51	11 55	1 4	11 3	0 41	12 16	2 45	19 3	0 47	14 22	1 30	29 49	6 3	16 4	16 32	13 44		n.a.
M23	4 18	19 24	1 48	6 2	2 4	16 28	2 41	11 40	1 4	11 7	0 40	12 17	2 44	19 3	0 47	14 22	1 30	29 49	6 3	16 4	16 33	13 43		n.a.
T 24	3 54	17 11	0 30	6 38	2 9	16 27	2 31	11 25	1 3	11 11	0 40	12 19	2 44	19 4	0 47	14 21	1 30	29 49	6 3	16 4	16 34	13 41		n.a.
W25	3 29	13 46	0n52	7 14	2 14	16 25	2 22	11 10	1 3	11 16	0 40	12 21	2 44	19 4	0 47	14 20	1 30	29 49	6 3	16 4	16 35	13 40		n.a.
T 26	3 5	9 25	2 10	7 49	2 19	16 23	2 13	10 55	1 3	11 20	0 40	12 22	2 44	19 4	0 47	14 20	1 30	29 49	6 2	16 4	16 36	13 38		n.a.
F 27	2 41	4 27	3 20	8 23	2 24	16 19	2 3	10 40	1 3	11 25	0 40	12 24	2 44	19 5	0 47	14 19	1 30	29 48	6 2	16 5	16 37	13 37		n.a.
S 28	2 17	0s43	4 15	8 55	2 28	16 16	1 55	10 25	1 3	11 29	0 40	12 25	2 44	19 5	0 47	14 18	1 30	29 48	6 2	16 7	16 37	13 35		n.a.
S 29	1 52	5 44	4 51	9 27	2 32	16 12	1 46	10 9	1 2	11 34	0 39	12 27	2 44	19 5	0 47	14 17	1 30	29 48	6 2	16 9	16 38	13 34		n.a.
M30	1n28	10s17	5n 9	9s57	2s35	16n 7	1s37	9n54	1n 2	11s38	0n39	12s29	2s44	19s 6	0s47	14n17	1n30	29s48	6s 2	16n11	16n39	13s32		n.a.

Julian Day Number = 1288845.5, Delta T = 08h01m08s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'21, Lahiri = -20°18'21 Julian Calendar 1 Sept. 1185 BCE == Greg. Calendar 21 Aug. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

OCTOBER 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 51	27♍22'33	24♏10	20♎ 8	12♌ 9	8♍ 3	1♏52	4°R38	8°R49	26♌35	26♐ 0	16°R19	14♌46	27♒52	n.a.	T 1
W 2	23 59 48	28°23'05	7♐29	21°12	12°59	8°43	2° 5	4♓34	8♒48	26°37	26° 0	16♌15	14°43	27°58	n.a.	W 2
T 3	0 3 44	29°23'38	20°21	22°14	13°49	9°24	2°17	4°30	8°46	26°39	26° 0	16°13	14°40	28° 5	n.a.	T 3
F 4	0 7 41	0♎24'13	2♑51	23°13	14°40	10° 4	2°30	4°26	8°45	26°41	26° 1	16°D12	14°36	28°12	n.a.	F 4
S 5	0 11 37	1°24'49	15° 2	24° 8	15°32	10°45	2°43	4°22	8°44	26°43	26° 1	16°13	14°33	28°18	n.a.	S 5
S 6	0 15 34	2°25'27	27° 0	24°59	16°25	11°25	2°55	4°18	8°43	26°44	26° 2	16°15	14°30	28°25	n.a.	S 6
M 7	0 19 30	3°26'05	8♒50	25°45	17°19	12° 6	3° 8	4°14	8°42	26°46	26° 2	16°16	14°27	28°31	n.a.	M 7
T 8	0 23 27	4°26'46	20°36	26°27	18°13	12°46	3°21	4°10	8°41	26°48	26° 2	16°R16	14°24	28°38	n.a.	T 8
W 9	0 27 24	5°27'27	2♓24	27° 2	19° 8	13°27	3°34	4° 6	8°40	26°50	26° 3	16°15	14°21	28°45	n.a.	W 9
T 10	0 31 20	6°28'10	14°16	27°31	20° 3	14° 7	3°47	4° 3	8°39	26°52	26° 4	16°11	14°17	28°51	n.a.	T 10
F 11	0 35 17	7°28'55	26°15	27°53	20°59	14°48	4° 0	3°59	8°38	26°54	26° 4	16° 4	14°14	28°58	n.a.	F 11
S 12	0 39 13	8°29'41	8♈23	28° 7	21°56	15°29	4°13	3°56	8°37	26°56	26° 5	15°56	14°11	29° 5	n.a.	S 12
S 13	0 43 10	9°30'28	20°41	28°R12	22°53	16° 9	4°26	3°52	8°36	26°57	26° 5	15°46	14° 8	29°11	n.a.	S 13
M14	0 47 6	10°31'17	3♉10	28° 8	23°51	16°50	4°39	3°49	8°35	26°59	26° 6	15°35	14° 5	29°18	n.a.	M14
T 15	0 51 3	11°32'07	15°50	27°54	24°49	17°31	4°52	3°45	8°35	27° 1	26° 7	15°25	14° 2	29°25	n.a.	T 15
W16	0 54 59	12°32'59	28°42	27°30	25°48	18°12	5° 5	3°42	8°34	27° 2	26° 7	15°16	13°58	29°31	n.a.	W16
T 17	0 58 56	13°33'53	11♊46	26°54	26°48	18°53	5°18	3°39	8°33	27° 4	26° 8	15° 9	13°55	29°38	n.a.	T 17
F 18	1 2 53	14°34'48	25° 3	26° 8	27°48	19°33	5°32	3°36	8°33	27° 6	26° 9	15° 5	13°52	29°45	n.a.	F 18
S 19	1 6 49	15°35'45	8♋34	25°12	28°48	20°14	5°45	3°33	8°32	27° 7	26°10	15° 3	13°49	29°51	n.a.	S 19
S 20	1 10 46	16°36'43	22°20	24° 7	29°49	20°55	5°58	3°30	8°32	27° 9	26°11	15°D 3	13°46	29°58	n.a.	S 20
M21	1 14 42	17°37'43	6♌23	22°54	0♍50	21°36	6°12	3°27	8°31	27°11	26°11	15° 4	13°42	0♓ 5	n.a.	M21
T 22	1 18 39	18°38'44	20°42	21°35	1°52	22°17	6°25	3°25	8°31	27°12	26°12	15°R 4	13°39	0°11	n.a.	T 22
W23	1 22 35	19°39'47	5♍15	20°13	2°54	22°58	6°39	3°22	8°30	27°14	26°13	15° 2	13°36	0°18	n.a.	W23
T 24	1 26 32	20°40'51	19°59	18°50	3°56	23°39	6°52	3°20	8°30	27°15	26°14	14°58	13°33	0°25	n.a.	T 24
F 25	1 30 28	21°41'56	4♎46	17°30	4°59	24°20	7° 5	3°17	8°30	27°17	26°15	14°51	13°30	0°31	n.a.	F 25
S 26	1 34 25	22°43'02	19°30	16°15	6° 2	25° 2	7°19	3°15	8°30	27°18	26°16	14°41	13°27	0°38	n.a.	S 26
S 27	1 38 22	23°44'10	4♏ 3	15° 8	7° 6	25°43	7°33	3°13	8°30	27°20	26°17	14°30	13°23	0°44	n.a.	S 27
M28	1 42 18	24°45'18	18°16	14° 9	8°10	26°24	7°46	3°11	8°30	27°21	26°18	14°19	13°20	0°51	n.a.	M28
T 29	1 46 15	25°46'27	2♐ 5	13°21	9°14	27° 5	8° 0	3° 9	8°D29	27°22	26°19	14° 8	13°17	0°58	n.a.	T 29
W30	1 50 11	26°47'37	15°28	12°44	10°19	27°46	8°13	3° 7	8°30	27°24	26°20	13°59	13°14	1° 4	n.a.	W30
T 31	1 54 8	27♎48'48	28♐25	12♎18	11♍23	28♍28	8♏27	3♓ 5	8♒30	27♌25	26♐21	13♌53	13♌11	1♓11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1n 4	14s 9	5n 8	10s26	2s39	16n 1	1s29	9n38	1n 2	11s43	0n39	12s30	2s44	19s 6	0s47	14n16	1n30	29s48	6s 2	16n12	16n40	13s30			n.a.
W 2	0 39	17 9	4 50	10 53	2 41	15 55	1 20	9 23	1 2	11 47	0 39	12 32	2 44	19 6	0 47	14 15	1 30	29 48	6 2	16 14	16 41	13 29			n.a.
T 3	0 15	19 12	4 17	11 19	2 43	15 48	1 12	9 7	1 1	11 52	0 39	12 33	2 44	19 7	0 47	14 15	1 30	29 48	6 2	16 14	16 42	13 27			n.a.
F 4	0s10	20 14	3 34	11 42	2 45	15 41	1 4	8 51	1 1	11 56	0 39	12 34	2 44	19 7	0 47	14 14	1 30	29 48	6 2	16 14	16 43	13 26			n.a.
S 5	0 34	20 18	2 41	12 4	2 45	15 33	0 56	8 36	1 1	12 1	0 39	12 36	2 43	19 7	0 47	14 14	1 30	29 48	6 2	16 14	16 44	13 24			n.a.
S 6	0 59	19 26	1 43	12 23	2 45	15 24	0 48	8 20	1 1	12 5	0 38	12 37	2 43	19 8	0 47	14 13	1 30	29 48	6 1	16 14	16 45	13 23			n.a.
M 7	1 23	17 42	0 40	12 39	2 44	15 15	0 41	8 4	1 0	12 10	0 38	12 39	2 43	19 8	0 47	14 12	1 30	29 48	6 1	16 13	16 46	13 21			n.a.
T 8	1 48	15 14	0s23	12 53	2 43	15 6	0 33	7 48	1 0	12 14	0 38	12 40	2 43	19 8	0 47	14 12	1 30	29 48	6 1	16 13	16 47	13 20			n.a.
W 9	2 12	12 8	1 26	13 4	2 40	14 55	0 26	7 32	1 0	12 19	0 38	12 41	2 43	19 8	0 47	14 11	1 30	29 47	6 1	16 14	16 48	13 18			n.a.
T 10	2 37	8 31	2 25	13 11	2 36	14 44	0 19	7 16	0 59	12 23	0 38	12 42	2 43	19 9	0 46	14 10	1 31	29 47	6 1	16 15	16 49	13 17			n.a.
F 11	3 1	4 32	3 18	13 14	2 31	14 33	0 12	6 59	0 59	12 28	0 38	12 44	2 43	19 9	0 46	14 10	1 31	29 47	6 1	16 17	16 50	13 15			n.a.
S 12	3 25	0 20	4 3	13 13	2 24	14 21	0 5	6 43	0 59	12 33	0 38	12 45	2 42	19 9	0 46	14 9	1 31	29 47	6 1	16 19	16 51	13 13			n.a.
S 13	3 50	3n56	4 37	13 8	2 16	14 8	0n 1	6 27	0 59	12 37	0 37	12 46	2 42	19 9	0 46	14 9	1 31	29 47	6 1	16 22	16 52	13 12			n.a.
M14	4 14	8 6	4 58	12 57	2 7	13 55	0 8	6 10	0 58	12 42	0 37	12 47	2 42	19 9	0 46	14 8	1 31	29 47	6 1	16 26	16 53	13 10			n.a.
T 15	4 38	11 59	5 5	12 42	1 56	13 41	0 14	5 54	0 58	12 46	0 37	12 48	2 42	19 10	0 46	14 8	1 31	29 47	6 1	16 29	16 53	13 9			n.a.
W16	5 2	15 22	4 57	12 21	1 43	13 27	0 20	5 38	0 58	12 51	0 37	12 49	2 42	19 10	0 46	14 7	1 31	29 47	6 1	16 31	16 54	13 7			n.a.
T 17	5 26	18 3	4 33	11 54	1 28	13 12	0 26	5 21	0 57	12 56	0 37	12 50	2 42	19 10	0 46	14 7	1 31	29 47	6 0	16 33	16 55	13 6			n.a.
F 18	5 50	19 50	3 55	11 22	1 12	12 56	0 32	5 4	0 57	13 0	0 37	12 51	2 41	19 10	0 46	14 6	1 31	29 47	6 0	16 35	16 56	13 4			n.a.
S 19	6 14	20 31	3 2	10 45	0 55	12 40	0 38	4 48	0 57	13 5	0 37	12 52	2 41	19 10	0 46	14 5	1 31	29 47	6 0	16 35	16 57	13 2			n.a.
S 20	6 38	20 0	1 58	10 3	0 36	12 24	0 43	4 31	0 56	13 9	0 37	12 53	2 41	19 10	0 46	14 5	1 31	29 47	6 0	16 35	16 58	13 1			n.a.
M21	7 2	18 14	0 46	9 17	0 16	12 7	0 49	4 14	0 56	13 14	0 36	12 54	2 41	19 10	0 46	14 4	1 31	29 47	6 0	16 35	16 59	12 59			n.a.
T 22	7 25	15 18	0n30	8 28	0n 5	11 49	0 54	3 58	0 56	13 19	0 36	12 55	2 41	19 10	0 46	14 4	1 31	29 47	6 0	16 35	17 0	12 58			n.a.
W23	7 49	11 22	1 46	7 38	0 26	11 31	0 59	3 41	0 56	13 23	0 36	12 55	2 41	19 10	0 46	14 3	1 31	29 47	6 0	16 36	17 1	12 56			n.a.
T 24	8 12	6 42	2 55	6 48	0 46	11 13	1 4	3 24	0 55	13 28	0 36	12 56	2 40	19 10	0 46	14 3	1 31	29 46	6 0	16 37	17 2	12 54			n.a.
F 25	8 36	1 37	3 52	5 59	1 5	10 54	1 9	3 7	0 55	13 32	0 36	12 57	2 40	19 10	0 46	14 2	1 31	29 46	6 0	16 39	17 3	12 53			n.a.
S 26	8 59	3s32	4 34	5 13	1 23	10 35	1 13	2 50	0 54	13 37	0 36	12 57	2 40	19 11	0 46	14 2	1 31	29 46	6 0	16 42	17 4	12 51			n.a.
S 27	9 22	8 25	4 57	4 31	1 40	10 15	1 18	2 33	0 54	13 42	0 36	12 58	2 40	19 11	0 46	14 2	1 31	29 46	6 0	16 45	17 5	12 50			n.a.
M28	9 44	12 43	5 2	3 55	1 54	9 55	1 22	2 16	0 54	13 46	0 36	12 59	2 39	19 10	0 46	14 1	1 31	29 46	6 0	16 48	17 6	12 48			n.a.
T 29	10 7	16 13	4 48	3 24	2 7	9 34	1 26	2 0	0 53	13 51	0 35	12 59	2 39	19 10	0 46	14 1	1 31	29 46	6 0	16 52	17 6	12 46			n.a.
W30	10 30	18 45	4 18	3 0	2 17	9 13	1 30	1 43	0 53	13 55	0 35	13 0	2 39	19 10	0 46	14 0	1 31	29 46	5 59	16 54	17 7	12 45			n.a.
T 31	10s52	20s13	3n37	2s42	2n26	8n51	1n34	1n26	0n53	14s 0	0n35	13s 0	2s39	19s10	0s46	14n 0	1n32	29s46	5s59	16n56	17n 8	12s43			n.a.

Julian Day Number = 1288875.5, Delta T = 08h01m07s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'17, Lahiri = -20°18'16 Julian Calendar 1 Oct. 1185 BCE == Greg. Calendar 20 Sept. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

NOVEMBER 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 58 4	28♎49'59	10♉58	12°R 3	12♍29	29♍ 9	8♏41	3°R 3	8♒30	27♌26	26♐22	13°R49	13♌ 7	1♓18	n.a.	F 1
S 2	2 2 1	29°51'11	23°11	12°D 0	13°34	29°50	8°54	3♓ 2	8°30	27°28	26°24	13♌48	13° 4	1°24	n.a.	S 2
S 3	2 5 57	0♏52'23	5♒10	12♎ 6	14°40	0♎32	9° 8	3° 0	8°30	27°29	26°25	13°D48	13° 1	1°31	n.a.	S 3
M 4	2 9 54	1°53'36	17° 0	12°22	15°46	1°13	9°22	2°59	8°30	27°30	26°26	13°R48	12°58	1°38	n.a.	M 4
T 5	2 13 51	2°54'49	28°47	12°47	16°52	1°54	9°36	2°58	8°31	27°31	26°27	13°47	12°55	1°44	n.a.	T 5
W 6	2 17 47	3°56'02	10♓36	13°19	17°58	2°36	9°49	2°57	8°31	27°32	26°28	13°44	12°52	1°51	n.a.	W 6
T 7	2 21 44	4°57'16	22°31	13°58	19° 5	3°17	10° 3	2°56	8°32	27°34	26°30	13°39	12°48	1°58	n.a.	T 7
F 8	2 25 40	5°58'30	4♈37	14°43	20°12	3°59	10°17	2°55	8°32	27°35	26°31	13°30	12°45	2° 4	n.a.	F 8
S 9	2 29 37	6°59'44	16°56	15°34	21°19	4°41	10°31	2°54	8°33	27°36	26°32	13°19	12°42	2°11	n.a.	S 9
S 10	2 33 33	8° 0'59	29°29	16°29	22°27	5°22	10°45	2°53	8°33	27°37	26°34	13° 6	12°39	2°18	n.a.	S 10
M11	2 37 30	9° 2'14	12♉17	17°29	23°34	6° 4	10°58	2°53	8°34	27°38	26°35	12°52	12°36	2°24	n.a.	M11
T 12	2 41 26	10° 3'30	25°18	18°32	24°42	6°45	11°12	2°52	8°35	27°39	26°36	12°38	12°33	2°31	n.a.	T 12
W13	2 45 23	11° 4'46	8♊32	19°39	25°50	7°27	11°26	2°52	8°35	27°40	26°38	12°26	12°29	2°38	n.a.	W13
T 14	2 49 20	12° 6'02	21°57	20°48	26°59	8° 9	11°40	2°52	8°36	27°41	26°39	12°16	12°26	2°44	n.a.	T 14
F 15	2 53 16	13° 7'20	5♋31	22° 0	28° 7	8°51	11°54	2°52	8°37	27°41	26°40	12°10	12°23	2°51	n.a.	F 15
S 16	2 57 13	14° 8'37	19°13	23°14	29°16	9°32	12° 7	2°D52	8°38	27°42	26°42	12° 6	12°20	2°58	n.a.	S 16
S 17	3 1 9	15° 9'55	3♌ 4	24°30	0♎24	10°14	12°21	2°52	8°39	27°43	26°43	12° 5	12°17	3° 4	n.a.	S 17
M18	3 5 6	16°11'13	17° 2	25°48	1°33	10°56	12°35	2°52	8°40	27°44	26°45	12° 5	12°13	3°11	n.a.	M18
T 19	3 9 2	17°12'32	1♍ 7	27° 7	2°43	11°38	12°49	2°52	8°41	27°45	26°46	12° 4	12°10	3°18	n.a.	T 19
W20	3 12 59	18°13'51	15°20	28°28	3°52	12°20	13° 3	2°53	8°42	27°45	26°48	12° 2	12° 7	3°24	n.a.	W20
T 21	3 16 56	19°15'11	29°38	29°50	5° 2	13° 2	13°16	2°53	8°43	27°46	26°49	11°58	12° 4	3°31	n.a.	T 21
F 22	3 20 52	20°16'30	13♎58	1♏12	6°11	13°44	13°30	2°54	8°44	27°47	26°51	11°50	12° 1	3°37	n.a.	F 22
S 23	3 24 49	21°17'50	28°16	2°36	7°21	14°26	13°44	2°55	8°45	27°47	26°52	11°40	11°58	3°44	n.a.	S 23
S 24	3 28 45	22°19'10	12♏25	4° 1	8°31	15° 8	13°58	2°56	8°47	27°48	26°54	11°28	11°54	3°51	n.a.	S 24
M25	3 32 42	23°20'30	26°21	5°26	9°41	15°50	14°11	2°57	8°48	27°48	26°56	11°15	11°51	3°57	n.a.	M25
T 26	3 36 38	24°21'49	9♐59	6°53	10°51	16°32	14°25	2°58	8°50	27°49	26°57	11° 3	11°48	4° 4	n.a.	T 26
W27	3 40 35	25°23'09	23°15	8°19	12° 1	17°14	14°39	2°59	8°51	27°49	26°59	10°52	11°45	4°11	n.a.	W27
T 28	3 44 31	26°24'27	6♑ 9	9°47	13°12	17°56	14°53	3° 0	8°52	27°50	27° 0	10°45	11°42	4°17	n.a.	T 28
F 29	3 48 28	27°25'46	18°42	11°15	14°22	18°38	15° 6	3° 2	8°54	27°50	27° 2	10°40	11°39	4°24	n.a.	F 29
S 30	3 52 25	28♏27'04	0♒57	12♏44	15♎33	19♎21	15♏20	3♓ 3	8♒56	27♌50	27♐ 4	10♌38	11♌35	4♓31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s14	20s38	2n45	2s31	2n32	8n29	1n38	1n 8	0n52	14s 4	0n35	13s 0	2s39	19s10	0s46	13n59	1n32	29s46	5s59	16n57	17n 9	12s41		n.a.
S 2	11 36	20 3	1 47	2 25	2 37	8 7	1 41	0 51	0 52	14 9	0 35	13 1	2 38	19 10	0 46	13 59	1 32	29 46	5 59	16 57	17 10	12 40		n.a.
S 3	11 58	18 33	0 46	2 25	2 40	7 44	1 45	0 34	0 52	14 14	0 35	13 1	2 38	19 10	0 46	13 59	1 32	29 46	5 59	16 57	17 11	12 38		n.a.
M 4	12 20	16 16	0s17	2 30	2 41	7 21	1 48	0 17	0 51	14 18	0 35	13 1	2 38	19 10	0 46	13 58	1 32	29 46	5 59	16 57	17 12	12 36		n.a.
T 5	12 41	13 19	1 19	2 39	2 41	6 58	1 51	0 0	0 51	14 23	0 35	13 2	2 38	19 10	0 46	13 58	1 32	29 46	5 59	16 58	17 13	12 35		n.a.
W 6	13 2	9 49	2 17	2 53	2 40	6 34	1 54	0s17	0 50	14 27	0 35	13 2	2 37	19 10	0 46	13 58	1 32	29 46	5 59	16 59	17 14	12 33		n.a.
T 7	13 23	5 55	3 10	3 10	2 38	6 10	1 57	0 34	0 50	14 32	0 34	13 2	2 37	19 10	0 46	13 57	1 32	29 46	5 59	17 0	17 15	12 32		n.a.
F 8	13 44	1 43	3 55	3 31	2 35	5 46	2 0	0 51	0 50	14 36	0 34	13 2	2 37	19 9	0 45	13 57	1 32	29 46	5 59	17 3	17 16	12 30		n.a.
S 9	14 4	2n37	4 29	3 54	2 32	5 22	2 2	1 8	0 49	14 41	0 34	13 2	2 37	19 9	0 45	13 57	1 32	29 46	5 59	17 6	17 17	12 28		n.a.
S 10	14 25	6 56	4 52	4 20	2 27	4 57	2 4	1 25	0 49	14 45	0 34	13 2	2 36	19 9	0 45	13 56	1 32	29 46	5 59	17 10	17 17	12 27		n.a.
M11	14 45	11 1	5 0	4 47	2 22	4 32	2 7	1 43	0 48	14 50	0 34	13 2	2 36	19 9	0 45	13 56	1 32	29 46	5 59	17 14	17 18	12 25		n.a.
T 12	15 4	14 40	4 53	5 17	2 17	4 6	2 9	2 0	0 48	14 54	0 34	13 2	2 36	19 9	0 45	13 56	1 32	29 46	5 59	17 18	17 19	12 23		n.a.
W13	15 24	17 39	4 30	5 47	2 11	3 41	2 11	2 17	0 47	14 58	0 34	13 2	2 36	19 8	0 45	13 55	1 32	29 46	5 59	17 21	17 20	12 22		n.a.
T 14	15 43	19 44	3 52	6 20	2 5	3 15	2 13	2 34	0 47	15 3	0 34	13 2	2 35	19 8	0 45	13 55	1 32	29 46	5 59	17 24	17 21	12 20		n.a.
F 15	16 2	20 43	3 0	6 53	1 58	2 49	2 14	2 51	0 47	15 7	0 34	13 2	2 35	19 8	0 45	13 55	1 32	29 46	5 59	17 26	17 22	12 18		n.a.
S 16	16 21	20 29	1 58	7 27	1 52	2 22	2 16	3 8	0 46	15 12	0 34	13 1	2 35	19 8	0 45	13 55	1 32	29 46	5 58	17 27	17 23	12 17		n.a.
S 17	16 39	19 2	0 48	8 2	1 45	1 56	2 17	3 25	0 46	15 16	0 33	13 1	2 35	19 7	0 45	13 54	1 32	29 46	5 58	17 27	17 24	12 15		n.a.
M18	16 57	16 24	0n26	8 37	1 38	1 29	2 19	3 42	0 45	15 20	0 33	13 1	2 34	19 7	0 45	13 54	1 33	29 46	5 58	17 27	17 25	12 13		n.a.
T 19	17 15	12 47	1 39	9 13	1 30	1 2	2 20	3 59	0 45	15 25	0 33	13 1	2 34	19 7	0 45	13 54	1 33	29 46	5 58	17 27	17 26	12 11		n.a.
W20	17 32	8 25	2 46	9 49	1 23	0 35	2 21	4 16	0 44	15 29	0 33	13 0	2 34	19 6	0 45	13 54	1 33	29 46	5 58	17 28	17 26	12 10		n.a.
T 21	17 50	3 33	3 43	10 25	1 16	0 8	2 22	4 33	0 44	15 33	0 33	13 0	2 34	19 6	0 45	13 54	1 33	29 46	5 58	17 29	17 27	12 8		n.a.
F 22	18 6	1s31	4 26	11 1	1 8	0s19	2 23	4 50	0 43	15 38	0 33	12 59	2 33	19 6	0 45	13 53	1 33	29 46	5 58	17 31	17 28	12 6		n.a.
S 23	18 23	6 29	4 53	11 38	1 1	0 46	2 23	5 7	0 43	15 42	0 33	12 59	2 33	19 5	0 45	13 53	1 33	29 46	5 58	17 34	17 29	12 5		n.a.
S 24	18 39	11 3	5 1	12 14	0 53	1 14	2 24	5 24	0 42	15 46	0 33	12 58	2 33	19 5	0 45	13 53	1 33	29 46	5 58	17 38	17 30	12 3		n.a.
M25	18 55	14 57	4 50	12 50	0 46	1 41	2 24	5 41	0 42	15 50	0 33	12 57	2 33	19 5	0 45	13 53	1 33	29 46	5 58	17 41	17 31	12 1		n.a.
T 26	19 10	17 58	4 24	13 26	0 38	2 9	2 25	5 58	0 41	15 55	0 33	12 57	2 32	19 4	0 45	13 53	1 33	29 46	5 58	17 45	17 32	12 0		n.a.
W27	19 25	19 57	3 43	14 2	0 31	2 37	2 25	6 15	0 41	15 59	0 33	12 56	2 32	19 4	0 45	13 53	1 33	29 46	5 58	17 47	17 33	11 58		n.a.
T 28	19 40	20 49	2 52	14 37	0 23	3 4	2 25	6 32	0 40	16 3	0 33	12 55	2 32	19 3	0 45	13 53	1 33	29 46	5 58	17 50	17 34	11 56		n.a.
F 29	19 55	20 38	1 54	15 12	0 16	3 32	2 25	6 49	0 40	16 7	0 32	12 55	2 32	19 3	0 45	13 53	1 33	29 46	5 58	17 51	17 35	11 54		n.a.
S 30	20s 9	19s27	0n51	15s46	0n 9	4s 0	2n25	7s 5	0n39	16s11	0n32	12s54	2s31	19s 2	0s45	13n53	1n33	29s46	5s58	17n51	17n35	11s53		n.a.

Julian Day Number = 1288906.5, Delta T = 08h01m05s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'13, Lahiri = -20°18'12 Julian Calendar 1 Nov. 1185 BCE == Greg. Calendar 21 Oct. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1185 BCE
geocentric

DECEMBER 1185 BCE (-1184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 21	29♏28'21	12♒57	14♏13	16♎44	20♎ 3	15♏34	3♓ 5	8♒57	27♌51	27♐ 5	10°D38	11♌32	4♓37	n.a.	S 1
M 2	4 0 18	0♐29'37	24°49	15°43	17°55	20°45	15°47	3° 7	8°59	27°51	27° 7	10°R38	11°29	4°44	n.a.	M 2
T 3	4 4 14	1°30'53	6♓37	17°13	19° 6	21°27	16° 1	3° 9	9° 1	27°51	27° 9	10♌38	11°26	4°51	n.a.	T 3
W 4	4 8 11	2°32'08	18°27	18°44	20°17	22°10	16°14	3°11	9° 2	27°52	27°11	10°37	11°23	4°57	n.a.	W 4
T 5	4 12 7	3°33'22	0♈24	20°15	21°28	22°52	16°28	3°13	9° 4	27°52	27°12	10°33	11°19	5° 4	n.a.	T 5
F 6	4 16 4	4°34'35	12°33	21°46	22°39	23°35	16°41	3°15	9° 6	27°52	27°14	10°27	11°16	5°11	n.a.	F 6
S 7	4 20 0	5°35'47	24°58	23°19	23°50	24°17	16°55	3°18	9° 8	27°52	27°16	10°18	11°13	5°17	n.a.	S 7
S 8	4 23 57	6°36'59	7♉42	24°51	25° 2	24°59	17° 8	3°20	9°10	27°52	27°17	10° 8	11°10	5°24	n.a.	S 8
M 9	4 27 54	7°38'09	20°45	26°25	26°13	25°42	17°22	3°23	9°12	27°52	27°19	9°56	11° 7	5°31	n.a.	M 9
T 10	4 31 50	8°39'19	4♊ 6	27°58	27°25	26°24	17°35	3°25	9°14	27°R52	27°21	9°45	11° 4	5°37	n.a.	T 10
W11	4 35 47	9°40'28	17°44	29°32	28°37	27° 7	17°48	3°28	9°16	27°52	27°23	9°35	11° 0	5°44	n.a.	W11
T 12	4 39 43	10°41'37	1♋35	1♐ 7	29°48	27°50	18° 2	3°31	9°18	27°52	27°25	9°27	10°57	5°51	n.a.	T 12
F 13	4 43 40	11°42'44	15°35	2°42	1♏ 0	28°32	18°15	3°34	9°20	27°52	27°26	9°22	10°54	5°57	n.a.	F 13
S 14	4 47 36	12°43'51	29°41	4°18	2°12	29°15	18°28	3°37	9°22	27°52	27°28	9°20	10°51	6° 4	n.a.	S 14
S 15	4 51 33	13°44'58	13♌50	5°55	3°24	29°57	18°41	3°40	9°25	27°52	27°30	9°D20	10°48	6°11	n.a.	S 15
M16	4 55 30	14°46'03	27°59	7°32	4°36	0♏40	18°55	3°43	9°27	27°52	27°32	9°20	10°45	6°17	n.a.	M16
T 17	4 59 26	15°47'08	12♍ 7	9° 9	5°48	1°23	19° 8	3°47	9°29	27°51	27°34	9°R21	10°41	6°24	n.a.	T 17
W18	5 3 23	16°48'11	26°12	10°48	7° 0	2° 6	19°21	3°50	9°31	27°51	27°35	9°21	10°38	6°31	n.a.	W18
T 19	5 7 19	17°49'15	10♎14	12°27	8°12	2°48	19°34	3°54	9°34	27°51	27°37	9°18	10°35	6°37	n.a.	T 19
F 20	5 11 16	18°50'17	24°11	14° 6	9°25	3°31	19°47	3°57	9°36	27°50	27°39	9°14	10°32	6°44	n.a.	F 20
S 21	5 15 12	19°51'18	8♏ 1	15°46	10°37	4°14	20° 0	4° 1	9°39	27°50	27°41	9° 7	10°29	6°51	n.a.	S 21
S 22	5 19 9	20°52'19	21°42	17°27	11°49	4°57	20°13	4° 5	9°41	27°50	27°43	8°59	10°25	6°57	n.a.	S 22
M23	5 23 5	21°53'18	5♐11	19° 9	13° 2	5°40	20°25	4° 9	9°44	27°49	27°45	8°50	10°22	7° 4	n.a.	M23
T 24	5 27 2	22°54'16	18°26	20°51	14°14	6°23	20°38	4°13	9°46	27°49	27°46	8°42	10°19	7°11	n.a.	T 24
W25	5 30 59	23°55'14	1♑24	22°34	15°27	7° 6	20°51	4°17	9°49	27°48	27°48	8°35	10°16	7°17	n.a.	W25
T 26	5 34 55	24°56'09	14° 7	24°18	16°39	7°49	21° 4	4°22	9°51	27°48	27°50	8°30	10°13	7°24	n.a.	T 26
F 27	5 38 52	25°57'03	26°32	26° 2	17°52	8°32	21°16	4°26	9°54	27°47	27°52	8°27	10°10	7°31	n.a.	F 27
S 28	5 42 48	26°57'56	8♒44	27°47	19° 4	9°15	21°29	4°30	9°57	27°47	27°54	8°D27	10° 6	7°37	n.a.	S 28
S 29	5 46 45	27°58'47	20°43	29°33	20°17	9°58	21°41	4°35	9°59	27°46	27°56	8°27	10° 3	7°44	n.a.	S 29
M30	5 50 41	28°59'36	2♓35	1♑20	21°30	10°41	21°54	4°39	10° 2	27°45	27°58	8°29	10° 0	7°51	n.a.	M30
T 31	5 54 38	0♑ 0'24	14♓24	3♑ 7	22♏42	11♏24	22♏ 6	4♓44	10♒ 5	27♌45	27♐59	8♌31	9♌57	7♓57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s22	17s24	0s12	16s20	0n 2	4s28	2n25	7s22	0n39	16s15	0n32	12s53	2s31	19s 2	0s45	13n53	1n33	29s46	5s58	17n52	17n36	11s51			n.a.
M 2	20 35	14 38	1 15	16 54	0s 5	4 55	2 24	7 39	0 38	16 19	0 32	12 52	2 31	19 1	0 45	13 52	1 33	29 46	5 58	17 51	17 37	11 49			n.a.
T 3	20 48	11 18	2 14	17 27	0 12	5 23	2 24	7 55	0 38	16 23	0 32	12 51	2 31	19 1	0 45	13 52	1 33	29 46	5 58	17 51	17 38	11 48			n.a.
W 4	21 1	7 30	3 7	17 59	0 19	5 51	2 23	8 12	0 37	16 27	0 32	12 50	2 30	19 0	0 45	13 52	1 34	29 46	5 58	17 52	17 39	11 46			n.a.
T 5	21 13	3 23	3 53	18 31	0 26	6 18	2 23	8 28	0 36	16 31	0 32	12 49	2 30	19 0	0 45	13 52	1 34	29 46	5 58	17 53	17 40	11 44			n.a.
F 6	21 24	0n55	4 29	19 2	0 32	6 46	2 22	8 45	0 36	16 35	0 32	12 48	2 30	18 59	0 44	13 52	1 34	29 46	5 58	17 55	17 41	11 42			n.a.
S 7	21 35	5 17	4 53	19 32	0 39	7 13	2 21	9 1	0 35	16 39	0 32	12 47	2 30	18 59	0 44	13 52	1 34	29 46	5 58	17 57	17 42	11 41			n.a.
S 8	21 46	9 32	5 3	20 1	0 45	7 41	2 20	9 18	0 35	16 43	0 32	12 46	2 29	18 58	0 44	13 52	1 34	29 46	5 58	18 0	17 43	11 39			n.a.
M 9	21 57	13 27	4 58	20 30	0 51	8 8	2 19	9 34	0 34	16 47	0 32	12 45	2 29	18 58	0 44	13 52	1 34	29 46	5 58	18 3	17 43	11 37			n.a.
T 10	22 7	16 47	4 37	20 58	0 57	8 35	2 18	9 50	0 34	16 51	0 32	12 43	2 29	18 57	0 44	13 53	1 34	29 47	5 58	18 6	17 44	11 35			n.a.
W11	22 16	19 17	4 0	21 24	1 3	9 2	2 16	10 6	0 33	16 55	0 32	12 42	2 29	18 57	0 44	13 53	1 34	29 47	5 58	18 9	17 45	11 34			n.a.
T 12	22 25	20 42	3 8	21 50	1 8	9 29	2 15	10 22	0 32	16 59	0 32	12 41	2 28	18 56	0 44	13 53	1 34	29 47	5 58	18 11	17 46	11 32			n.a.
F 13	22 34	20 52	2 4	22 15	1 14	9 56	2 14	10 38	0 32	17 3	0 31	12 39	2 28	18 55	0 44	13 53	1 34	29 47	5 58	18 12	17 47	11 30			n.a.
S 14	22 42	19 43	0 51	22 38	1 19	10 22	2 12	10 54	0 31	17 6	0 31	12 38	2 28	18 55	0 44	13 53	1 34	29 47	5 58	18 13	17 48	11 28			n.a.
S 15	22 50	17 20	0n24	23 1	1 24	10 48	2 11	11 10	0 30	17 10	0 31	12 37	2 28	18 54	0 44	13 53	1 34	29 47	5 58	18 13	17 49	11 27			n.a.
M16	22 57	13 54	1 39	23 22	1 28	11 15	2 9	11 26	0 30	17 14	0 31	12 35	2 27	18 53	0 44	13 53	1 34	29 47	5 58	18 13	17 50	11 25			n.a.
T 17	23 4	9 41	2 47	23 43	1 33	11 41	2 7	11 41	0 29	17 18	0 31	12 34	2 27	18 53	0 44	13 53	1 34	29 47	5 58	18 12	17 51	11 23			n.a.
W18	23 10	4 58	3 45	24 2	1 37	12 6	2 5	11 57	0 29	17 21	0 31	12 32	2 27	18 52	0 44	13 53	1 34	29 47	5 58	18 13	17 51	11 21			n.a.
T 19	23 16	0s 0	4 29	24 19	1 40	12 32	2 4	12 13	0 28	17 25	0 31	12 31	2 27	18 51	0 44	13 54	1 34	29 47	5 58	18 13	17 52	11 19			n.a.
F 20	23 21	4 56	4 57	24 35	1 44	12 57	2 2	12 28	0 27	17 28	0 31	12 29	2 26	18 51	0 44	13 54	1 35	29 47	5 59	18 14	17 53	11 18			n.a.
S 21	23 26	9 34	5 7	24 50	1 47	13 22	2 0	12 43	0 27	17 32	0 31	12 28	2 26	18 50	0 44	13 54	1 35	29 47	5 59	18 16	17 54	11 16			n.a.
S 22	23 31	13 40	5 0	25 3	1 50	13 46	1 57	12 59	0 26	17 36	0 31	12 26	2 26	18 49	0 44	13 54	1 35	29 47	5 59	18 18	17 55	11 14			n.a.
M23	23 35	17 0	4 36	25 15	1 53	14 11	1 55	13 14	0 25	17 39	0 31	12 24	2 26	18 49	0 44	13 54	1 35	29 47	5 59	18 21	17 56	11 12			n.a.
T 24	23 38	19 23	3 57	25 25	1 55	14 35	1 53	13 29	0 25	17 43	0 31	12 23	2 26	18 48	0 44	13 54	1 35	29 48	5 59	18 23	17 57	11 10			n.a.
W25	23 41	20 43	3 7	25 34	1 57	14 58	1 51	13 44	0 24	17 46	0 31	12 21	2 25	18 47	0 44	13 55	1 35	29 48	5 59	18 25	17 58	11 9			n.a.
T 26	23 44	20 57	2 8	25 41	1 58	15 21	1 48	13 59	0 23	17 50	0 31	12 19	2 25	18 47	0 44	13 55	1 35	29 48	5 59	18 26	17 58	11 7			n.a.
F 27	23 46	20 9	1 4	25 46	1 59	15 44	1 46	14 13	0 22	17 53	0 31	12 17	2 25	18 46	0 44	13 55	1 35	29 48	5 59	18 27	17 59	11 5			n.a.
S 28	23 48	18 24	0s 2	25 49	2 0	16 7	1 44	14 28	0 22	17 56	0 31	12 15	2 25	18 45	0 44	13 55	1 35	29 48	5 59	18 27	18 0	11 3			n.a.
S 29	23 49	15 52	1 6	25 50	2 0	16 29	1 41	14 43	0 21	18 0	0 30	12 13	2 24	18 44	0 44	13 56	1 35	29 48	5 59	18 27	18 1	11 1			n.a.
M30	23 50	12 42	2 8	25 50	2 0	16 51	1 39	14 57	0 20	18 3	0 30	12 12	2 24	18 43	0 44	13 56	1 35	29 48	5 59	18 26	18 2	11 0			n.a.
T 31	23s50	9s 3	3s 3	25s47	1s59	17s12	1n36	15s11	0n20	18s 6	0n30	12s10	2s24	18s43	0s44	13n56	1n35	29s48	5s59	18n26	18n 3	10s58			n.a.

Julian Day Number = 1288936.5, Delta T = 08h01m03s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'09, Lahiri = -20°18'08 Julian Calendar 1 Dec. 1185 BCE == Greg. Calendar 20 Nov. 1185 BCE

The year -1184 astronomical counting style corresponds to year 1185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

JANUARY 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 58 35	1♉ 1'10	26♓14	4♉55	23♏55	12♏ 7	22♏18	4♓49	10♒ 8	27°R44	28♐ 1	8°R32	9♌54	8♓ 4	n.a.	W 1
T 2	6 2 31	2° 1'54	8♈11	6°43	25° 8	12°50	22°30	4°54	10°11	27♌43	28° 3	8♌32	9°51	8°11	n.a.	T 2
F 3	6 6 28	3° 2'36	20°19	8°32	26°20	13°33	22°43	4°59	10°14	27°43	28° 5	8°30	9°47	8°17	n.a.	F 3
S 4	6 10 24	4° 3'16	2♉45	10°21	27°33	14°16	22°55	5° 4	10°16	27°42	28° 7	8°27	9°44	8°24	n.a.	S 4
S 5	6 14 21	5° 3'55	15°31	12°11	28°46	15° 0	23° 7	5° 9	10°19	27°41	28° 9	8°22	9°41	8°31	n.a.	S 5
M 6	6 18 17	6° 4'31	28°39	14° 1	29°59	15°43	23°19	5°14	10°22	27°40	28°11	8°17	9°38	8°37	n.a.	M 6
T 7	6 22 14	7° 5'06	12♊11	15°51	1♐12	16°26	23°30	5°19	10°25	27°39	28°12	8°12	9°35	8°44	n.a.	T 7
W 8	6 26 10	8° 5'39	26° 5	17°41	2°25	17° 9	23°42	5°24	10°28	27°38	28°14	8° 7	9°31	8°51	n.a.	W 8
T 9	6 30 7	9° 6'10	10♋18	19°31	3°38	17°53	23°54	5°30	10°31	27°37	28°16	8° 4	9°28	8°57	n.a.	T 9
F 10	6 34 4	10° 6'40	24°44	21°20	4°51	18°36	24° 6	5°35	10°34	27°36	28°18	8° 2	9°25	9° 4	n.a.	F 10
S 11	6 38 0	11° 7'08	9♌19	23° 9	6° 4	19°19	24°17	5°41	10°37	27°35	28°20	8°D 1	9°22	9°11	n.a.	S 11
S 12	6 41 57	12° 7'34	23°55	24°57	7°17	20° 3	24°29	5°46	10°40	27°34	28°21	8° 2	9°19	9°17	n.a.	S 12
M13	6 45 53	13° 7'58	8♍27	26°43	8°30	20°46	24°40	5°52	10°44	27°33	28°23	8° 3	9°16	9°24	n.a.	M13
T 14	6 49 50	14° 8'21	22°52	28°27	9°43	21°30	24°51	5°58	10°47	27°32	28°25	8° 4	9°12	9°31	n.a.	T 14
W15	6 53 46	15° 8'42	7♎ 5	0♒ 9	10°56	22°13	25° 2	6° 4	10°50	27°31	28°27	8° 5	9° 9	9°37	n.a.	W15
T 16	6 57 43	16° 9'02	21° 5	1°48	12° 9	22°57	25°14	6°10	10°53	27°30	28°29	8°R 6	9° 6	9°44	n.a.	T 16
F 17	7 1 39	17° 9'20	4♏51	3°25	13°22	23°40	25°25	6°16	10°56	27°29	28°30	8° 5	9° 3	9°51	n.a.	F 17
S 18	7 5 36	18° 9'36	18°22	4°57	14°35	24°24	25°35	6°22	10°59	27°28	28°32	8° 3	9° 0	9°57	n.a.	S 18
S 19	7 9 33	19° 9'51	1♐40	6°24	15°48	25° 7	25°46	6°28	11° 3	27°27	28°34	8° 0	8°57	10° 4	n.a.	S 19
M20	7 13 29	20°10'04	14°44	7°47	17° 1	25°51	25°57	6°34	11° 6	27°25	28°36	7°57	8°53	10°11	n.a.	M20
T 21	7 17 26	21°10'16	27°34	9° 4	18°14	26°34	26° 8	6°40	11° 9	27°24	28°37	7°55	8°50	10°17	n.a.	T 21
W22	7 21 22	22°10'25	10♉12	10°15	19°27	27°18	26°18	6°46	11°12	27°23	28°39	7°53	8°47	10°24	n.a.	W22
T 23	7 25 19	23°10'33	22°37	11°19	20°41	28° 2	26°29	6°53	11°16	27°22	28°41	7°51	8°44	10°31	n.a.	T 23
F 24	7 29 15	24°10'38	4♒50	12°15	21°54	28°45	26°39	6°59	11°19	27°20	28°43	7°D51	8°41	10°37	n.a.	F 24
S 25	7 33 12	25°10'42	16°54	13° 4	23° 7	29°29	26°49	7° 5	11°22	27°19	28°44	7°51	8°37	10°44	n.a.	S 25
S 26	7 37 8	26°10'43	28°49	13°44	24°20	0♐13	26°59	7°12	11°26	27°18	28°46	7°52	8°34	10°51	n.a.	S 26
M27	7 41 5	27°10'42	10♓40	14°16	25°33	0°56	27°10	7°18	11°29	27°16	28°48	7°53	8°31	10°57	n.a.	M27
T 28	7 45 1	28°10'38	22°28	14°38	26°47	1°40	27°19	7°25	11°32	27°15	28°49	7°54	8°28	11° 4	n.a.	T 28
W29	7 48 58	29°10'32	4♈19	14°52	28° 0	2°24	27°29	7°32	11°36	27°14	28°51	7°55	8°25	11°11	n.a.	W29
T 30	7 52 55	0♒10'24	16°15	14°R57	29°13	3° 8	27°39	7°38	11°39	27°12	28°53	7°55	8°22	11°17	n.a.	T 30
F 31	7 56 51	1♒10'14	28♈22	14♒53	0♉26	3♐51	27♏49	7♓45	11♒42	27♌11	28♐54	7°R56	8♌18	11♓24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s50	5s 3	3s51	25s42	1s58	17s33	1n33	15s26	0n19	18s10	0n30	12s 8	2s24	18s42	0s44	13n57	1n35	29s48	5s59	18n26	18n 4	10s56		n.a.
T 2	23 49	0 50	4 30	25 36	1 56	17 54	1 31	15 40	0 18	18 13	0 30	12 6	2 24	18 41	0 44	13 57	1 35	29 48	5 59	18 26	18 5	10 54		n.a.
F 3	23 48	3n30	4 57	25 27	1 54	18 14	1 28	15 54	0 17	18 16	0 30	12 4	2 23	18 40	0 44	13 57	1 35	29 49	5 59	18 26	18 5	10 52		n.a.
S 4	23 46	7 46	5 11	25 16	1 51	18 33	1 25	16 7	0 17	18 19	0 30	12 2	2 23	18 39	0 44	13 58	1 35	29 49	6 0	18 27	18 6	10 51		n.a.
S 5	23 44	11 49	5 10	25 3	1 47	18 53	1 22	16 21	0 16	18 22	0 30	11 59	2 23	18 39	0 44	13 58	1 35	29 49	6 0	18 28	18 7	10 49		n.a.
M 6	23 41	15 26	4 53	24 47	1 43	19 11	1 19	16 35	0 15	18 25	0 30	11 57	2 23	18 38	0 44	13 58	1 35	29 49	6 0	18 30	18 8	10 47		n.a.
T 7	23 38	18 20	4 19	24 30	1 38	19 29	1 17	16 48	0 14	18 28	0 30	11 55	2 23	18 37	0 44	13 59	1 36	29 49	6 0	18 31	18 9	10 45		n.a.
W 8	23 35	20 17	3 30	24 10	1 33	19 47	1 14	17 1	0 13	18 31	0 30	11 53	2 23	18 36	0 44	13 59	1 36	29 49	6 0	18 32	18 10	10 43		n.a.
T 9	23 31	21 0	2 26	23 49	1 26	20 4	1 11	17 14	0 13	18 34	0 30	11 51	2 22	18 35	0 44	13 59	1 36	29 49	6 0	18 33	18 11	10 41		n.a.
F 10	23 26	20 21	1 12	23 25	1 19	20 21	1 8	17 27	0 12	18 37	0 30	11 49	2 22	18 34	0 44	14 0	1 36	29 49	6 0	18 34	18 11	10 39		n.a.
S 11	23 22	18 20	0n 7	22 59	1 12	20 37	1 5	17 40	0 11	18 40	0 30	11 46	2 22	18 34	0 44	14 0	1 36	29 50	6 0	18 34	18 12	10 38		n.a.
S 12	23 16	15 7	1 26	22 32	1 3	20 52	1 2	17 53	0 10	18 43	0 30	11 44	2 22	18 33	0 44	14 1	1 36	29 50	6 0	18 34	18 13	10 36		n.a.
M13	23 10	11 0	2 40	22 2	0 54	21 7	0 59	18 5	0 9	18 46	0 30	11 42	2 22	18 32	0 44	14 1	1 36	29 50	6 0	18 33	18 14	10 34		n.a.
T 14	23 4	6 16	3 42	21 32	0 44	21 21	0 56	18 18	0 9	18 49	0 30	11 39	2 21	18 31	0 44	14 1	1 36	29 50	6 1	18 33	18 15	10 32		n.a.
W15	22 57	1 17	4 30	20 59	0 33	21 35	0 53	18 30	0 8	18 52	0 30	11 37	2 21	18 30	0 44	14 2	1 36	29 50	6 1	18 33	18 16	10 30		n.a.
T 16	22 50	3s42	5 2	20 26	0 22	21 48	0 50	18 42	0 7	18 54	0 30	11 35	2 21	18 29	0 44	14 2	1 36	29 50	6 1	18 33	18 17	10 28		n.a.
F 17	22 43	8 25	5 15	19 52	0 9	22 0	0 47	18 54	0 6	18 57	0 30	11 32	2 21	18 28	0 44	14 3	1 36	29 50	6 1	18 33	18 17	10 26		n.a.
S 18	22 35	12 37	5 10	19 17	0n 4	22 12	0 44	19 6	0 5	19 0	0 29	11 30	2 21	18 27	0 44	14 3	1 36	29 51	6 1	18 33	18 18	10 25		n.a.
S 19	22 26	16 7	4 49	18 42	0 17	22 23	0 41	19 17	0 4	19 3	0 29	11 27	2 21	18 26	0 44	14 4	1 36	29 51	6 1	18 34	18 19	10 23		n.a.
M20	22 17	18 45	4 13	18 7	0 31	22 34	0 38	19 29	0 3	19 5	0 29	11 25	2 20	18 26	0 43	14 4	1 36	29 51	6 1	18 35	18 20	10 21		n.a.
T 21	22 8	20 24	3 25	17 33	0 46	22 44	0 34	19 40	0 3	19 8	0 29	11 23	2 20	18 25	0 43	14 4	1 36	29 51	6 1	18 35	18 21	10 19		n.a.
W22	21 58	20 59	2 27	17 0	1 1	22 53	0 31	19 51	0 2	19 10	0 29	11 20	2 20	18 24	0 43	14 5	1 36	29 51	6 2	18 36	18 22	10 17		n.a.
T 23	21 48	20 32	1 23	16 27	1 16	23 2	0 28	20 2	0 1	19 13	0 29	11 17	2 20	18 23	0 43	14 5	1 36	29 51	6 2	18 36	18 22	10 15		n.a.
F 24	21 38	19 6	0 17	15 57	1 31	23 10	0 25	20 13	0s 0	19 15	0 29	11 15	2 20	18 22	0 43	14 6	1 36	29 51	6 2	18 36	18 23	10 13		n.a.
S 25	21 27	16 49	0s50	15 28	1 46	23 17	0 22	20 23	0 1	19 18	0 29	11 12	2 20	18 21	0 43	14 6	1 36	29 52	6 2	18 36	18 24	10 11		n.a.
S 26	21 16	13 51	1 54	15 2	2 2	23 23	0 19	20 34	0 2	19 20	0 29	11 10	2 20	18 20	0 43	14 7	1 36	29 52	6 2	18 36	18 25	10 10		n.a.
M27	21 4	10 20	2 52	14 39	2 17	23 29	0 16	20 44	0 3	19 22	0 29	11 7	2 19	18 19	0 43	14 7	1 36	29 52	6 2	18 36	18 26	10 8		n.a.
T 28	20 52	6 26	3 43	14 18	2 31	23 34	0 13	20 54	0 4	19 25	0 29	11 5	2 19	18 18	0 43	14 8	1 36	29 52	6 2	18 36	18 27	10 6		n.a.
W29	20 40	2 18	4 25	14 1	2 45	23 39	0 10	21 4	0 5	19 27	0 29	11 2	2 19	18 17	0 43	14 9	1 36	29 52	6 3	18 35	18 28	10 4		n.a.
T 30	20 27	1n57	4 55	13 47	2 58	23 43	0 7	21 13	0 6	19 29	0 29	10 59	2 19	18 16	0 43	14 9	1 37	29 52	6 3	18 35	18 28	10 2		n.a.
F 31	20s14	6n12	5s13	13s37	3n10	23s46	0n 4	21s23	0s 7	19s32	0n29	10s57	2s19	18s15	0s43	14n10	1n37	29s53	6s 3	18n35	18n29	10s 0		n.a.

Julian Day Number = 1288967.5, Delta T = 08h01m02s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'04, Lahiri = -20°18'04 Julian Calendar 1 Jan. 1184 BCE == Greg. Calendar 21 Dec. 1185 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

FEBRUARY 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 48	2♒10'01	10♉44	14°R40	1♋39	4♐35	27♏58	7♓52	11♒46	27°R 9	28♐56	7°R56	8♌15	11♓31	n.a.	S 1
S 2	8 4 44	3° 9'46	23°26	14♒19	2°53	5°19	28° 7	7°59	11°49	27♌ 8	28°57	7♌55	8°12	11°37	n.a.	S 2
M 3	8 8 41	4° 9'28	6♊31	13°50	4° 6	6° 3	28°17	8° 6	11°52	27° 6	28°59	7°55	8° 9	11°44	n.a.	M 3
T 4	8 12 37	5° 9'08	20° 2	13°14	5°19	6°47	28°26	8°13	11°56	27° 5	29° 1	7°55	8° 6	11°51	n.a.	T 4
W 5	8 16 34	6° 8'46	3♋59	12°32	6°32	7°30	28°35	8°20	11°59	27° 3	29° 2	7°54	8° 2	11°57	n.a.	W 5
T 6	8 20 30	7° 8'21	18°20	11°45	7°46	8°14	28°44	8°27	12° 3	27° 2	29° 4	7°54	7°59	12° 4	n.a.	T 6
F 7	8 24 27	8° 7'55	3♌ 2	10°55	8°59	8°58	28°52	8°34	12° 6	27° 0	29° 5	7°54	7°56	12°11	n.a.	F 7
S 8	8 28 24	9° 7'25	17°57	10° 1	10°12	9°42	29° 1	8°41	12° 9	26°59	29° 7	7°54	7°53	12°17	n.a.	S 8
S 9	8 32 20	10° 6'54	2♍58	9° 6	11°25	10°26	29° 9	8°48	12°13	26°57	29° 8	7°54	7°50	12°24	n.a.	S 9
M10	8 36 17	11° 6'21	17°57	8°10	12°39	11°10	29°18	8°55	12°16	26°56	29°10	7°54	7°47	12°31	n.a.	M10
T 11	8 40 13	12° 5'45	2♎45	7°16	13°52	11°54	29°26	9° 3	12°20	26°54	29°11	7°53	7°43	12°37	n.a.	T 11
W12	8 44 10	13° 5'08	17°16	6°23	15° 5	12°38	29°34	9°10	12°23	26°53	29°13	7°53	7°40	12°44	n.a.	W12
T 13	8 48 6	14° 4'28	1♏26	5°33	16°18	13°22	29°42	9°17	12°27	26°51	29°14	7°53	7°37	12°51	n.a.	T 13
F 14	8 52 3	15° 3'47	15°14	4°47	17°32	14° 5	29°50	9°24	12°30	26°49	29°15	7°D52	7°34	12°57	n.a.	F 14
S 15	8 55 59	16° 3'04	28°41	4° 5	18°45	14°49	29°58	9°32	12°33	26°48	29°17	7°53	7°31	13° 4	n.a.	S 15
S 16	8 59 56	17° 2'19	11♐46	3°28	19°58	15°33	0♐ 5	9°39	12°37	26°46	29°18	7°53	7°28	13°11	n.a.	S 16
M17	9 3 52	18° 1'33	24°34	2°56	21°12	16°17	0°13	9°47	12°40	26°45	29°19	7°54	7°24	13°17	n.a.	M17
T 18	9 7 49	19° 0'44	7♑ 6	2°30	22°25	17° 1	0°20	9°54	12°44	26°43	29°21	7°55	7°21	13°24	n.a.	T 18
W19	9 11 46	19°59'53	19°26	2° 9	23°38	17°45	0°27	10° 2	12°47	26°41	29°22	7°56	7°18	13°31	n.a.	W19
T 20	9 15 42	20°59'00	1♒35	1°54	24°52	18°29	0°34	10° 9	12°50	26°40	29°23	7°57	7°15	13°37	n.a.	T 20
F 21	9 19 39	21°58'05	13°36	1°45	26° 5	19°13	0°41	10°17	12°54	26°38	29°25	7°R57	7°12	13°44	n.a.	F 21
S 22	9 23 35	22°57'08	25°31	1°D42	27°18	19°57	0°48	10°24	12°57	26°36	29°26	7°56	7° 8	13°51	n.a.	S 22
S 23	9 27 32	23°56'09	7♓22	1°45	28°32	20°41	0°54	10°32	13° 1	26°35	29°27	7°54	7° 5	13°57	n.a.	S 23
M24	9 31 28	24°55'07	19°11	1°52	29°45	21°25	1° 1	10°39	13° 4	26°33	29°28	7°52	7° 2	14° 4	n.a.	M24
T 25	9 35 25	25°54'03	1♈ 1	2° 5	0♒58	22° 9	1° 7	10°47	13° 7	26°31	29°29	7°49	6°59	14°11	n.a.	T 25
W26	9 39 21	26°52'57	12°53	2°23	2°11	22°53	1°13	10°55	13°11	26°30	29°31	7°46	6°56	14°17	n.a.	W26
T 27	9 43 18	27°51'48	24°51	2°46	3°25	23°37	1°19	11° 2	13°14	26°28	29°32	7°43	6°53	14°24	n.a.	T 27
F 28	9 47 14	28♒50'37	6♉58	3♒13	4♒38	24♐21	1♐25	11♓10	13♒17	26♌26	29♐33	7♌41	6♌49	14♓31	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 0	10n16	5s17	13s30	3n21	23s48	0n 1	21s32	0s 8	19s34	0n29	10s54	2s19	18s14	0s43	14n10	1n37	29s53	6s 3	18n35	18n30	9s58		n.a.
S 2	19 46	14 0	5 6	13 27	3 30	23 50	0s 2	21 41	0 9	19 36	0 29	10 51	2 19	18 13	0 43	14 11	1 37	29 53	6 3	18 35	18 31	9 56		n.a.
M 3	19 32	17 10	4 39	13 28	3 38	23 51	0 5	21 50	0 10	19 38	0 29	10 48	2 19	18 12	0 43	14 11	1 37	29 53	6 3	18 35	18 32	9 54		n.a.
T 4	19 18	19 32	3 56	13 32	3 44	23 51	0 7	21 58	0 11	19 40	0 29	10 46	2 18	18 11	0 43	14 12	1 37	29 53	6 3	18 35	18 33	9 52		n.a.
W 5	19 3	20 49	2 58	13 40	3 49	23 50	0 10	22 7	0 12	19 42	0 29	10 43	2 18	18 10	0 43	14 12	1 37	29 53	6 4	18 36	18 33	9 50		n.a.
T 6	18 47	20 48	1 47	13 51	3 51	23 49	0 13	22 15	0 13	19 44	0 29	10 40	2 18	18 9	0 43	14 13	1 37	29 54	6 4	18 36	18 34	9 49		n.a.
F 7	18 32	19 22	0 27	14 4	3 52	23 47	0 16	22 23	0 14	19 46	0 29	10 37	2 18	18 8	0 43	14 13	1 37	29 54	6 4	18 36	18 35	9 47		n.a.
S 8	18 16	16 35	0n56	14 20	3 50	23 45	0 19	22 31	0 15	19 48	0 29	10 34	2 18	18 7	0 43	14 14	1 37	29 54	6 4	18 36	18 36	9 45		n.a.
S 9	18 0	12 40	2 15	14 38	3 47	23 41	0 21	22 38	0 16	19 50	0 29	10 32	2 18	18 6	0 43	14 15	1 37	29 54	6 4	18 36	18 37	9 43		n.a.
M10	17 44	7 58	3 25	14 57	3 42	23 37	0 24	22 46	0 17	19 52	0 29	10 29	2 18	18 5	0 43	14 15	1 37	29 54	6 5	18 36	18 38	9 41		n.a.
T 11	17 27	2 51	4 20	15 18	3 35	23 32	0 27	22 53	0 18	19 54	0 29	10 26	2 18	18 5	0 43	14 16	1 37	29 55	6 5	18 36	18 38	9 39		n.a.
W12	17 10	2s19	4 57	15 40	3 26	23 27	0 29	23 0	0 19	19 56	0 28	10 23	2 18	18 4	0 43	14 16	1 37	29 55	6 5	18 36	18 39	9 37		n.a.
T 13	16 53	7 14	5 16	16 2	3 16	23 21	0 32	23 6	0 20	19 57	0 28	10 20	2 18	18 3	0 43	14 17	1 37	29 55	6 5	18 36	18 40	9 35		n.a.
F 14	16 35	11 39	5 15	16 24	3 5	23 14	0 34	23 13	0 21	19 59	0 28	10 17	2 18	18 2	0 43	14 17	1 37	29 55	6 5	18 36	18 41	9 33		n.a.
S 15	16 17	15 22	4 57	16 46	2 52	23 6	0 37	23 19	0 22	20 1	0 28	10 14	2 17	18 1	0 43	14 18	1 37	29 55	6 5	18 36	18 42	9 31		n.a.
S 16	15 59	18 13	4 24	17 7	2 39	22 58	0 39	23 25	0 23	20 3	0 28	10 11	2 17	18 0	0 43	14 19	1 37	29 56	6 6	18 36	18 43	9 29		n.a.
M17	15 41	20 5	3 38	17 28	2 25	22 49	0 42	23 31	0 24	20 4	0 28	10 9	2 17	17 59	0 43	14 19	1 37	29 56	6 6	18 36	18 43	9 27		n.a.
T 18	15 22	20 56	2 43	17 48	2 11	22 40	0 44	23 36	0 25	20 6	0 28	10 6	2 17	17 58	0 43	14 20	1 37	29 56	6 6	18 35	18 44	9 25		n.a.
W19	15 3	20 44	1 41	18 7	1 56	22 29	0 46	23 42	0 26	20 7	0 28	10 3	2 17	17 57	0 43	14 20	1 37	29 56	6 6	18 35	18 45	9 23		n.a.
T 20	14 44	19 34	0 35	18 25	1 42	22 18	0 49	23 47	0 27	20 9	0 28	10 0	2 17	17 56	0 43	14 21	1 37	29 56	6 6	18 35	18 46	9 21		n.a.
F 21	14 25	17 31	0s31	18 41	1 27	22 7	0 51	23 52	0 28	20 10	0 28	9 57	2 17	17 55	0 43	14 21	1 37	29 57	6 7	18 35	18 47	9 19		n.a.
S 22	14 5	14 44	1 36	18 56	1 12	21 55	0 53	23 56	0 29	20 12	0 28	9 54	2 17	17 54	0 43	14 22	1 37	29 57	6 7	18 35	18 47	9 17		n.a.
S 23	13 46	11 21	2 36	19 10	0 58	21 42	0 55	24 1	0 31	20 13	0 28	9 51	2 17	17 53	0 43	14 23	1 37	29 57	6 7	18 36	18 48	9 15		n.a.
M24	13 26	7 32	3 29	19 22	0 43	21 28	0 57	24 5	0 32	20 15	0 28	9 48	2 17	17 52	0 43	14 23	1 37	29 57	6 7	18 36	18 49	9 13		n.a.
T 25	13 6	3 27	4 13	19 33	0 29	21 14	0 59	24 9	0 33	20 16	0 28	9 45	2 17	17 51	0 43	14 24	1 37	29 57	6 7	18 37	18 50	9 11		n.a.
W26	12 45	0n47	4 46	19 42	0 16	20 59	1 1	24 12	0 34	20 17	0 28	9 42	2 17	17 50	0 43	14 24	1 37	29 58	6 8	18 38	18 51	9 10		n.a.
T 27	12 25	5 1	5 7	19 49	0 3	20 44	1 3	24 16	0 35	20 18	0 28	9 39	2 17	17 49	0 43	14 25	1 37	29 58	6 8	18 38	18 52	9 8		n.a.
F 28	12s 4	9n 6	5s15	19s55	0s10	20s28	1s 5	24s19	0s36	20s20	0n28	9s36	2s17	17s48	0s43	14n26	1n37	29s58	6s 8	18n39	18n52	9s 6		n.a.

Julian Day Number = 1288998.5, Delta T = 08h01m00s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°25'00, Lahiri = -20°18'00 Julian Calendar 1 Feb. 1184 BCE == Greg. Calendar 21 Jan. 1184 BCE

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

MARCH 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 11	29♒49'24	19♉19	3♒45	5♒51	25♐ 5	1♐30	11♓18	13♒21	26°R25	29♐34	7°R40	6♌46	14♓37	n.a.	S 1
S 2	9 55 8	0♓48'08	1♊56	4°21	7° 5	25°49	1°36	11°25	13°24	26♌23	29°35	7°D39	6°43	14°44	n.a.	S 2
M 3	9 59 4	1°46'50	14°55	5° 1	8°18	26°33	1°41	11°33	13°27	26°22	29°36	7♌40	6°40	14°51	n.a.	M 3
T 4	10 3 1	2°45'30	28°18	5°44	9°31	27°17	1°46	11°41	13°30	26°20	29°37	7°41	6°37	14°57	n.a.	T 4
W 5	10 6 57	3°44'07	12♋ 7	6°31	10°45	28° 1	1°51	11°49	13°34	26°18	29°38	7°43	6°34	15° 4	n.a.	W 5
T 6	10 10 54	4°42'42	26°23	7°21	11°58	28°45	1°56	11°56	13°37	26°17	29°39	7°44	6°30	15°11	n.a.	T 6
F 7	10 14 50	5°41'15	11♌ 4	8°15	13°11	29°29	2° 0	12° 4	13°40	26°15	29°40	7°R44	6°27	15°17	n.a.	F 7
S 8	10 18 47	6°39'45	26° 5	9°11	14°25	0♍13	2° 5	12°12	13°43	26°13	29°41	7°43	6°24	15°24	n.a.	S 8
S 9	10 22 43	7°38'13	11♍18	10°11	15°38	0°57	2° 9	12°20	13°47	26°12	29°42	7°41	6°21	15°31	n.a.	S 9
M10	10 26 40	8°36'39	26°33	11°13	16°51	1°41	2°13	12°27	13°50	26°10	29°43	7°37	6°18	15°37	n.a.	M10
T 11	10 30 37	9°35'03	11♎40	12°18	18° 4	2°25	2°17	12°35	13°53	26° 9	29°43	7°32	6°14	15°44	n.a.	T 11
W12	10 34 33	10°33'26	26°29	13°26	19°18	3° 9	2°21	12°43	13°56	26° 7	29°44	7°28	6°11	15°51	n.a.	W12
T 13	10 38 30	11°31'47	10♏54	14°36	20°31	3°53	2°25	12°51	13°59	26° 5	29°45	7°24	6° 8	15°57	n.a.	T 13
F 14	10 42 26	12°30'05	24°53	15°48	21°44	4°37	2°28	12°59	14° 2	26° 4	29°46	7°21	6° 5	16° 4	n.a.	F 14
S 15	10 46 23	13°28'23	8♐23	17° 3	22°58	5°21	2°31	13° 6	14° 5	26° 2	29°47	7°D20	6° 2	16°11	n.a.	S 15
S 16	10 50 19	14°26'39	21°27	18°20	24°11	6° 5	2°34	13°14	14° 8	26° 1	29°47	7°20	5°59	16°18	n.a.	S 16
M17	10 54 16	15°24'53	4♑ 9	19°39	25°24	6°49	2°37	13°22	14°12	25°59	29°48	7°21	5°55	16°24	n.a.	M17
T 18	10 58 12	16°23'05	16°33	21° 0	26°38	7°33	2°40	13°30	14°15	25°58	29°49	7°23	5°52	16°31	n.a.	T 18
W19	11 2 9	17°21'16	28°42	22°23	27°51	8°17	2°42	13°38	14°18	25°56	29°49	7°24	5°49	16°38	n.a.	W19
T 20	11 6 5	18°19'25	10♒41	23°49	29° 4	9° 0	2°45	13°45	14°21	25°55	29°50	7°R24	5°46	16°44	n.a.	T 20
F 21	11 10 2	19°17'32	22°34	25°16	0♓18	9°44	2°47	13°53	14°23	25°53	29°51	7°23	5°43	16°51	n.a.	F 21
S 22	11 13 59	20°15'38	4♓23	26°45	1°31	10°28	2°49	14° 1	14°26	25°52	29°51	7°20	5°39	16°58	n.a.	S 22
S 23	11 17 55	21°13'42	16°12	28°16	2°44	11°12	2°51	14° 9	14°29	25°50	29°52	7°14	5°36	17° 4	n.a.	S 23
M24	11 21 52	22°11'44	28° 1	29°50	3°58	11°56	2°52	14°17	14°32	25°49	29°52	7° 7	5°33	17°11	n.a.	M24
T 25	11 25 48	23° 9'44	9♈54	1♓25	5°11	12°39	2°54	14°24	14°35	25°47	29°53	6°59	5°30	17°18	n.a.	T 25
W26	11 29 45	24° 7'42	21°52	3° 2	6°24	13°23	2°55	14°32	14°38	25°46	29°53	6°50	5°27	17°24	n.a.	W26
T 27	11 33 41	25° 5'39	3♉56	4°40	7°38	14° 7	2°56	14°40	14°41	25°45	29°54	6°41	5°24	17°31	n.a.	T 27
F 28	11 37 38	26° 3'34	16° 9	6°21	8°51	14°50	2°57	14°47	14°43	25°43	29°54	6°34	5°20	17°38	n.a.	F 28
S 29	11 41 34	27° 1'27	28°33	8° 4	10° 4	15°34	2°57	14°55	14°46	25°42	29°54	6°28	5°17	17°44	n.a.	S 29
S 30	11 45 31	27°59'18	11♊11	9°48	11°18	16°17	2°58	15° 3	14°49	25°41	29°55	6°25	5°14	17°51	n.a.	S 30
M31	11 49 27	28♓57'07	24♊ 7	11♓35	12♓31	17♑ 1	2♐58	15♓10	14♒52	25♌39	29♐55	6°D23	5♌11	17♓58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s43	12n54	5s 9	20s 0	0s22	20s11	1s 7	24s22	0s37	20s21	0n28	9s33	2s17	17s47	0s44	14n26	1n37	29s58	6s 8	18n39	18n53	9s 4		n.a.
S 2	11 22	16 12	4 47	20 2	0 34	19 54	1 8	24 25	0 39	20 22	0 28	9 30	2 17	17 46	0 44	14 27	1 37	29 59	6 9	18 40	18 54	9 2		n.a.
M 3	11 1	18 48	4 11	20 3	0 45	19 37	1 10	24 27	0 40	20 23	0 28	9 27	2 17	17 45	0 44	14 27	1 37	29 59	6 9	18 39	18 55	9 0		n.a.
T 4	10 40	20 29	3 20	20 3	0 56	19 19	1 11	24 29	0 41	20 24	0 28	9 24	2 17	17 44	0 44	14 28	1 37	29 59	6 9	18 39	18 56	8 58		n.a.
W 5	10 18	21 1	2 16	20 1	1 6	19 0	1 13	24 31	0 42	20 25	0 28	9 21	2 17	17 43	0 44	14 28	1 37	29 59	6 9	18 39	18 56	8 56		n.a.
T 6	9 56	20 12	1 2	19 57	1 16	18 40	1 14	24 33	0 43	20 26	0 28	9 18	2 17	17 42	0 44	14 29	1 37	29 59	6 9	18 38	18 57	8 54		n.a.
F 7	9 35	18 2	0n18	19 52	1 25	18 21	1 16	24 34	0 44	20 27	0 28	9 15	2 17	17 41	0 44	14 30	1 37	30 0	6 10	18 38	18 58	8 52		n.a.
S 8	9 13	14 35	1 39	19 45	1 33	18 0	1 17	24 36	0 46	20 28	0 28	9 12	2 17	17 40	0 44	14 30	1 37	30 0	6 10	18 39	18 59	8 50		n.a.
S 9	8 51	10 7	2 54	19 36	1 41	17 40	1 18	24 37	0 47	20 29	0 28	9 9	2 17	17 40	0 44	14 31	1 37	30 0	6 10	18 39	19 0	8 48		n.a.
M10	8 28	5 0	3 56	19 25	1 48	17 18	1 20	24 37	0 48	20 30	0 27	9 6	2 17	17 39	0 44	14 31	1 37	30 0	6 10	18 40	19 0	8 46		n.a.
T 11	8 6	0s23	4 41	19 13	1 55	16 57	1 21	24 38	0 49	20 31	0 27	9 3	2 17	17 38	0 44	14 32	1 37	30 1	6 11	18 41	19 1	8 44		n.a.
W12	7 44	5 37	5 7	19 0	2 1	16 34	1 22	24 38	0 50	20 32	0 27	9 0	2 17	17 37	0 44	14 32	1 37	30 1	6 11	18 42	19 2	8 42		n.a.
T 13	7 21	10 25	5 12	18 44	2 7	16 12	1 23	24 38	0 52	20 32	0 27	8 57	2 17	17 36	0 44	14 33	1 37	30 1	6 11	18 43	19 3	8 40		n.a.
F 14	6 59	14 29	4 58	18 27	2 12	15 49	1 24	24 38	0 53	20 33	0 27	8 53	2 17	17 35	0 44	14 33	1 37	30 1	6 11	18 44	19 4	8 37		n.a.
S 15	6 36	17 39	4 28	18 8	2 16	15 25	1 25	24 38	0 54	20 34	0 27	8 50	2 17	17 34	0 44	14 34	1 37	30 2	6 12	18 45	19 4	8 35		n.a.
S 16	6 13	19 49	3 45	17 48	2 20	15 1	1 25	24 37	0 55	20 34	0 27	8 47	2 17	17 33	0 44	14 34	1 37	30 2	6 12	18 44	19 5	8 33		n.a.
M17	5 50	20 55	2 51	17 26	2 24	14 37	1 26	24 36	0 57	20 35	0 27	8 44	2 17	17 32	0 44	14 35	1 37	30 2	6 12	18 44	19 6	8 31		n.a.
T 18	5 28	20 57	1 51	17 2	2 26	14 12	1 27	24 35	0 58	20 36	0 27	8 41	2 17	17 31	0 44	14 36	1 37	30 2	6 12	18 44	19 7	8 29		n.a.
W19	5 5	19 59	0 47	16 37	2 29	13 47	1 27	24 33	0 59	20 36	0 27	8 38	2 17	17 31	0 44	14 36	1 37	30 3	6 12	18 43	19 8	8 27		n.a.
T 20	4 41	18 8	0s18	16 10	2 30	13 21	1 28	24 32	1 0	20 37	0 27	8 35	2 17	17 30	0 44	14 37	1 37	30 3	6 13	18 43	19 8	8 25		n.a.
F 21	4 18	15 30	1 21	15 41	2 31	12 56	1 28	24 30	1 2	20 37	0 27	8 32	2 17	17 29	0 44	14 37	1 37	30 3	6 13	18 44	19 9	8 23		n.a.
S 22	3 55	12 15	2 21	15 10	2 32	12 29	1 29	24 28	1 3	20 38	0 27	8 29	2 17	17 28	0 44	14 38	1 37	30 3	6 13	18 45	19 10	8 21		n.a.
S 23	3 32	8 31	3 14	14 38	2 32	12 3	1 29	24 25	1 4	20 38	0 27	8 26	2 17	17 27	0 44	14 38	1 37	30 4	6 13	18 46	19 11	8 19		n.a.
M24	3 9	4 27	3 59	14 4	2 31	11 36	1 29	24 23	1 5	20 38	0 27	8 23	2 17	17 26	0 44	14 39	1 37	30 4	6 14	18 48	19 12	8 17		n.a.
T 25	2 45	0 12	4 34	13 29	2 30	11 9	1 30	24 20	1 7	20 39	0 27	8 20	2 17	17 26	0 44	14 39	1 37	30 4	6 14	18 50	19 12	8 15		n.a.
W26	2 22	4n 4	4 57	12 52	2 28	10 42	1 30	24 17	1 8	20 39	0 27	8 17	2 17	17 25	0 44	14 39	1 37	30 4	6 14	18 52	19 13	8 13		n.a.
T 27	1 59	8 14	5 7	12 13	2 26	10 14	1 30	24 13	1 9	20 39	0 27	8 14	2 17	17 24	0 44	14 40	1 37	30 4	6 14	18 54	19 14	8 11		n.a.
F 28	1 35	12 7	5 3	11 32	2 23	9 46	1 30	24 10	1 11	20 39	0 27	8 11	2 17	17 23	0 44	14 40	1 37	30 5	6 15	18 56	19 15	8 9		n.a.
S 29	1 12	15 32	4 45	10 50	2 20	9 18	1 30	24 6	1 12	20 40	0 27	8 8	2 17	17 22	0 44	14 41	1 37	30 5	6 15	18 58	19 16	8 7		n.a.
S 30	0 49	18 19	4 13	10 7	2 16	8 49	1 30	24 2	1 13	20 40	0 26	8 5	2 17	17 22	0 44	14 41	1 37	30 5	6 15	18 59	19 16	8 5		n.a.
M31	0s25	20n15	3s27	9s21	2s11	8s21	1s29	23s58	1s14	20s40	0n26	8s 2	2s17	17s21	0s44	14n42	1n37	30s 5	6s15	18n59	19n17	8s 3		n.a.

Julian Day Number = 1289026.5, Delta T = 08h00m59s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'56, Lahiri = -20°17'56 Julian Calendar 1 March 1184 BCE == Greg. Calendar 18 Feb. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

APRIL 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 24	29♓54'54	7♋23	13♓23	13♓45	17♉45	2°R58	15♓18	14♒54	25°R38	29♐55	6♌23	5♌ 8	18♓ 4	n.a.	T 1
W 2	11 57 21	0♈52'39	21° 2	15°13	14°58	18°28	2♐58	15°26	14°57	25♌37	29°56	6°24	5° 5	18°11	n.a.	W 2
T 3	12 1 17	1°50'23	5♌ 7	17° 5	16°11	19°11	2°58	15°33	14°59	25°35	29°56	6°R25	5° 1	18°18	n.a.	T 3
F 4	12 5 14	2°48'04	19°36	18°59	17°25	19°55	2°57	15°41	15° 2	25°34	29°56	6°24	4°58	18°24	n.a.	F 4
S 5	12 9 10	3°45'44	4♍28	20°55	18°38	20°38	2°57	15°49	15° 4	25°33	29°56	6°21	4°55	18°31	n.a.	S 5
S 6	12 13 7	4°43'22	19°36	22°53	19°51	21°22	2°56	15°56	15° 7	25°32	29°56	6°16	4°52	18°38	n.a.	S 6
M 7	12 17 3	5°40'59	4♎50	24°52	21° 5	22° 5	2°55	16° 4	15° 9	25°31	29°57	6° 9	4°49	18°45	n.a.	M 7
T 8	12 21 0	6°38'34	20° 2	26°54	22°18	22°48	2°54	16°11	15°12	25°29	29°57	6° 1	4°45	18°51	n.a.	T 8
W 9	12 24 56	7°36'08	4♏59	28°57	23°31	23°31	2°52	16°19	15°14	25°28	29°57	5°51	4°42	18°58	n.a.	W 9
T 10	12 28 53	8°33'41	19°34	1♈ 1	24°45	24°15	2°51	16°26	15°17	25°27	29°57	5°43	4°39	19° 5	n.a.	T 10
F 11	12 32 50	9°31'12	3♐41	3° 7	25°58	24°58	2°49	16°33	15°19	25°26	29°57	5°37	4°36	19°11	n.a.	F 11
S 12	12 36 46	10°28'43	17°18	5°15	27°11	25°41	2°47	16°41	15°21	25°25	29°R57	5°32	4°33	19°18	n.a.	S 12
S 13	12 40 43	11°26'12	0♉27	7°23	28°25	26°24	2°45	16°48	15°23	25°24	29°57	5°30	4°30	19°25	n.a.	S 13
M14	12 44 39	12°23'41	13°10	9°33	29°38	27° 7	2°42	16°56	15°26	25°23	29°57	5°D29	4°26	19°31	n.a.	M14
T 15	12 48 36	13°21'08	25°32	11°43	0♈52	27°50	2°40	17° 3	15°28	25°22	29°57	5°30	4°23	19°38	n.a.	T 15
W16	12 52 32	14°18'35	7♒38	13°54	2° 5	28°33	2°37	17°10	15°30	25°21	29°57	5°R30	4°20	19°45	n.a.	W16
T 17	12 56 29	15°16'00	19°34	16° 6	3°18	29°16	2°34	17°17	15°32	25°20	29°56	5°29	4°17	19°51	n.a.	T 17
F 18	13 0 25	16°13'25	1♓24	18°17	4°32	29°58	2°31	17°25	15°34	25°19	29°56	5°26	4°14	19°58	n.a.	F 18
S 19	13 4 22	17°10'49	13°11	20°28	5°45	0♒41	2°28	17°32	15°36	25°18	29°56	5°20	4°10	20° 5	n.a.	S 19
S 20	13 8 19	18° 8'11	25° 1	22°39	6°59	1°24	2°25	17°39	15°38	25°17	29°56	5°12	4° 7	20°11	n.a.	S 20
M21	13 12 15	19° 5'33	6♈54	24°49	8°12	2° 6	2°21	17°46	15°40	25°17	29°56	5° 2	4° 4	20°18	n.a.	M21
T 22	13 16 12	20° 2'54	18°53	26°58	9°25	2°49	2°17	17°53	15°42	25°16	29°55	4°49	4° 1	20°25	n.a.	T 22
W23	13 20 8	21° 0'14	1♉ 0	29° 6	10°39	3°31	2°13	18° 0	15°44	25°15	29°55	4°36	3°58	20°31	n.a.	W23
T 24	13 24 5	21°57'33	13°15	1♉12	11°52	4°14	2° 9	18° 7	15°46	25°14	29°55	4°23	3°55	20°38	n.a.	T 24
F 25	13 28 1	22°54'50	25°39	3°17	13° 6	4°56	2° 5	18°14	15°47	25°14	29°54	4°12	3°51	20°45	n.a.	F 25
S 26	13 31 58	23°52'07	8♊14	5°19	14°19	5°38	2° 1	18°21	15°49	25°13	29°54	4° 3	3°48	20°52	n.a.	S 26
S 27	13 35 54	24°49'23	21° 1	7°20	15°33	6°20	1°56	18°28	15°51	25°12	29°54	3°57	3°45	20°58	n.a.	S 27
M28	13 39 51	25°46'38	4♋ 1	9°19	16°46	7° 2	1°51	18°34	15°53	25°12	29°53	3°53	3°42	21° 5	n.a.	M28
T 29	13 43 48	26°43'51	17°18	11°15	18° 0	7°44	1°46	18°41	15°54	25°11	29°53	3°52	3°39	21°12	n.a.	T 29
W30	13 47 44	27♈41'04	0♌52	13♉ 9	19♈13	8♒26	1♐41	18♓48	15♒56	25♌10	29♐52	3♌52	3♌36	21♓18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 2	21n 8	2s30	8s34	2s 6	7s52	1s29	23s53	1s16	20s40	0n26	7s59	2s17	17s20	0s44	14n42	1n37	30s 6	6s16	18n59	19n18	8s 1		n.a.
W 2	0n21	20 49	1 22	7 46	2 1	7 23	1 29	23 49	1 17	20 40	0 26	7 56	2 17	17 19	0 44	14 43	1 37	30 6	6 16	18 59	19 19	7 59		n.a.
T 3	0 45	19 11	0 7	6 56	1 55	6 54	1 29	23 44	1 18	20 40	0 26	7 54	2 18	17 19	0 44	14 43	1 37	30 6	6 16	18 59	19 19	7 57		n.a.
F 4	1 8	16 17	1n10	6 5	1 48	6 24	1 28	23 39	1 20	20 40	0 26	7 51	2 18	17 18	0 44	14 43	1 37	30 6	6 16	18 59	19 20	7 54		n.a.
S 5	1 31	12 16	2 24	5 12	1 41	5 54	1 28	23 33	1 21	20 40	0 26	7 48	2 18	17 17	0 44	14 44	1 37	30 7	6 17	18 59	19 21	7 52		n.a.
S 6	1 54	7 23	3 30	4 18	1 33	5 25	1 27	23 28	1 22	20 40	0 26	7 45	2 18	17 16	0 44	14 44	1 37	30 7	6 17	19 1	19 22	7 50		n.a.
M 7	2 18	2 1	4 21	3 22	1 25	4 55	1 26	23 22	1 24	20 40	0 26	7 42	2 18	17 16	0 44	14 45	1 37	30 7	6 17	19 3	19 23	7 48		n.a.
T 8	2 41	3s27	4 53	2 25	1 16	4 25	1 26	23 16	1 25	20 40	0 26	7 39	2 18	17 15	0 44	14 45	1 37	30 7	6 17	19 5	19 23	7 46		n.a.
W 9	3 4	8 37	5 4	1 27	1 8	3 54	1 25	23 10	1 26	20 39	0 26	7 36	2 18	17 14	0 44	14 45	1 37	30 8	6 18	19 7	19 24	7 44		n.a.
T 10	3 27	13 10	4 56	0 29	0 58	3 24	1 24	23 3	1 28	20 39	0 26	7 33	2 18	17 14	0 44	14 46	1 37	30 8	6 18	19 9	19 25	7 42		n.a.
F 11	3 50	16 50	4 29	0n31	0 48	2 54	1 23	22 57	1 29	20 39	0 26	7 30	2 18	17 13	0 44	14 46	1 37	30 8	6 18	19 11	19 26	7 40		n.a.
S 12	4 13	19 26	3 48	1 32	0 39	2 23	1 22	22 50	1 30	20 38	0 26	7 28	2 18	17 12	0 44	14 46	1 37	30 8	6 18	19 12	19 26	7 38		n.a.
S 13	4 36	20 54	2 56	2 33	0 28	1 53	1 21	22 43	1 32	20 38	0 26	7 25	2 19	17 12	0 44	14 47	1 37	30 9	6 19	19 12	19 27	7 36		n.a.
M14	4 59	21 15	1 56	3 34	0 18	1 22	1 20	22 36	1 33	20 38	0 25	7 22	2 19	17 11	0 45	14 47	1 37	30 9	6 19	19 13	19 28	7 34		n.a.
T 15	5 21	20 31	0 53	4 36	0 7	0 51	1 19	22 29	1 34	20 37	0 25	7 19	2 19	17 10	0 45	14 47	1 37	30 9	6 19	19 13	19 29	7 31		n.a.
W16	5 44	18 51	0s11	5 37	0n 3	0 21	1 18	22 21	1 36	20 37	0 25	7 16	2 19	17 10	0 45	14 48	1 36	30 9	6 19	19 12	19 30	7 29		n.a.
T 17	6 6	16 22	1 14	6 39	0 14	0n10	1 17	22 13	1 37	20 36	0 25	7 14	2 19	17 9	0 45	14 48	1 36	30 10	6 20	19 13	19 30	7 27		n.a.
F 18	6 29	13 13	2 13	7 39	0 24	0 41	1 15	22 5	1 38	20 36	0 25	7 11	2 19	17 9	0 45	14 48	1 36	30 10	6 20	19 13	19 31	7 25		n.a.
S 19	6 51	9 34	3 6	8 39	0 34	1 12	1 14	21 57	1 40	20 35	0 25	7 8	2 19	17 8	0 45	14 48	1 36	30 10	6 20	19 15	19 32	7 23		n.a.
S 20	7 14	5 32	3 51	9 38	0 45	1 42	1 13	21 49	1 41	20 35	0 25	7 5	2 19	17 7	0 45	14 49	1 36	30 10	6 20	19 17	19 33	7 21		n.a.
M21	7 36	1 17	4 26	10 36	0 54	2 13	1 11	21 41	1 42	20 34	0 25	7 3	2 19	17 7	0 45	14 49	1 36	30 11	6 21	19 19	19 33	7 19		n.a.
T 22	7 58	3n 4	4 49	11 33	1 4	2 44	1 10	21 32	1 44	20 33	0 25	7 0	2 20	17 6	0 45	14 49	1 36	30 11	6 21	19 22	19 34	7 17		n.a.
W23	8 20	7 20	5 0	12 28	1 13	3 14	1 8	21 23	1 45	20 33	0 25	6 57	2 20	17 6	0 45	14 49	1 36	30 11	6 21	19 26	19 35	7 15		n.a.
T 24	8 41	11 21	4 57	13 21	1 21	3 45	1 6	21 14	1 46	20 32	0 25	6 55	2 20	17 5	0 45	14 50	1 36	30 11	6 21	19 29	19 36	7 12		n.a.
F 25	9 3	14 57	4 40	14 12	1 29	4 16	1 5	21 5	1 48	20 31	0 25	6 52	2 20	17 5	0 45	14 50	1 36	30 12	6 22	19 32	19 36	7 10		n.a.
S 26	9 25	17 56	4 10	15 1	1 36	4 46	1 3	20 56	1 49	20 30	0 24	6 50	2 20	17 4	0 45	14 50	1 36	30 12	6 22	19 34	19 37	7 8		n.a.
S 27	9 46	20 6	3 26	15 48	1 43	5 16	1 1	20 47	1 50	20 30	0 24	6 47	2 20	17 4	0 45	14 50	1 36	30 12	6 22	19 35	19 38	7 6		n.a.
M28	10 7	21 16	2 31	16 33	1 49	5 47	1 0	20 37	1 52	20 29	0 24	6 44	2 20	17 3	0 45	14 50	1 36	30 12	6 22	19 36	19 39	7 4		n.a.
T 29	10 28	21 16	1 26	17 16	1 55	6 17	0 58	20 27	1 53	20 28	0 24	6 42	2 21	17 3	0 45	14 51	1 36	30 13	6 22	19 36	19 39	7 2		n.a.
W30	10n49	20n 2	0s16	17n56	2n 0	6n47	0s56	20s18	1s55	20s27	0n24	6s39	2s21	17s 2	0s45	14n51	1n36	30s13	6s23	19n36	19n40	7s 0		n.a.

Julian Day Number = 1289057.5, Delta T = 08h00m57s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'52, Lahiri = -20°17'52 Julian Calendar 1 Apr. 1184 BCE == Greg. Calendar 21 March 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

MAY 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 41	28♈38'15	14♌47	15♉ 1	20♈26	9♒ 8	1°R36	18♓54	15♒57	25°R10	29°R52	3°R51	3♌32	21♓25	n.a.	T 1
F 2	13 55 37	29°35'26	29° 3	16°50	21°40	9°50	1♐31	19° 1	15°59	25♌ 9	29♐51	3♌50	3°29	21°32	n.a.	F 2
S 3	13 59 34	0♉32'35	13♍38	18°37	22°53	10°32	1°25	19° 8	16° 0	25° 9	29°51	3°46	3°26	21°38	n.a.	S 3
S 4	14 3 30	1°29'43	28°29	20°21	24° 7	11°13	1°20	19°14	16° 2	25° 8	29°50	3°40	3°23	21°45	n.a.	S 4
M 5	14 7 27	2°26'51	13♎28	22° 3	25°20	11°55	1°14	19°20	16° 3	25° 8	29°50	3°31	3°20	21°52	n.a.	M 5
T 6	14 11 23	3°23'58	28°28	23°42	26°34	12°36	1° 8	19°27	16° 4	25° 8	29°49	3°21	3°16	21°58	n.a.	T 6
W 7	14 15 20	4°21'05	13♏18	25°18	27°47	13°17	1° 2	19°33	16° 5	25° 7	29°48	3°10	3°13	22° 5	n.a.	W 7
T 8	14 19 17	5°18'11	27°49	26°52	29° 1	13°59	0°56	19°39	16° 7	25° 7	29°48	2°59	3°10	22°12	n.a.	T 8
F 9	14 23 13	6°15'16	11♐57	28°24	0♉14	14°40	0°50	19°46	16° 8	25° 7	29°47	2°51	3° 7	22°18	n.a.	F 9
S 10	14 27 10	7°12'22	25°36	29°53	1°28	15°21	0°43	19°52	16° 9	25° 6	29°46	2°45	3° 4	22°25	n.a.	S 10
S 11	14 31 6	8° 9'27	8♑48	1♊19	2°41	16° 2	0°37	19°58	16°10	25° 6	29°46	2°41	3° 1	22°32	n.a.	S 11
M12	14 35 3	9° 6'32	21°34	2°42	3°55	16°43	0°30	20° 4	16°11	25° 6	29°45	2°39	2°57	22°39	n.a.	M12
T 13	14 38 59	10° 3'38	3♒58	4° 3	5° 9	17°23	0°24	20°10	16°12	25° 6	29°44	2°39	2°54	22°45	n.a.	T 13
W14	14 42 56	11° 0'43	16° 6	5°21	6°22	18° 4	0°17	20°16	16°13	25° 6	29°43	2°39	2°51	22°52	n.a.	W14
T 15	14 46 53	11°57'48	28° 3	6°36	7°36	18°44	0°10	20°22	16°14	25° 5	29°43	2°38	2°48	22°59	n.a.	T 15
F 16	14 50 49	12°54'53	9♓53	7°49	8°49	19°25	0° 3	20°28	16°15	25° 5	29°42	2°35	2°45	23° 5	n.a.	F 16
S 17	14 54 46	13°51'57	21°42	8°58	10° 3	20° 5	29♏56	20°33	16°15	25° 5	29°41	2°30	2°42	23°12	n.a.	S 17
S 18	14 58 42	14°49'02	3♈34	10° 5	11°17	20°45	29°49	20°39	16°16	25°D 5	29°40	2°23	2°38	23°19	n.a.	S 18
M19	15 2 39	15°46'07	15°33	11° 9	12°30	21°25	29°42	20°45	16°17	25° 5	29°39	2°13	2°35	23°25	n.a.	M19
T 20	15 6 35	16°43'12	27°40	12° 9	13°44	22° 5	29°34	20°50	16°18	25° 5	29°38	2° 1	2°32	23°32	n.a.	T 20
W21	15 10 32	17°40'18	9♉58	13° 6	14°57	22°45	29°27	20°56	16°18	25° 6	29°37	1°48	2°29	23°39	n.a.	W21
T 22	15 14 28	18°37'23	22°27	14° 0	16°11	23°24	29°20	21° 1	16°19	25° 6	29°36	1°36	2°26	23°45	n.a.	T 22
F 23	15 18 25	19°34'28	5♊ 7	14°50	17°25	24° 4	29°12	21° 6	16°19	25° 6	29°35	1°25	2°22	23°52	n.a.	F 23
S 24	15 22 22	20°31'33	17°59	15°37	18°39	24°43	29° 5	21°11	16°20	25° 6	29°34	1°16	2°19	23°59	n.a.	S 24
S 25	15 26 18	21°28'38	1♋ 2	16°20	19°52	25°22	28°57	21°17	16°20	25° 6	29°33	1°10	2°16	24° 6	n.a.	S 25
M26	15 30 15	22°25'43	14°17	17° 0	21° 6	26° 1	28°50	21°22	16°20	25° 6	29°32	1° 7	2°13	24°12	n.a.	M26
T 27	15 34 11	23°22'48	27°44	17°35	22°20	26°40	28°42	21°27	16°21	25° 7	29°31	1°D 6	2°10	24°19	n.a.	T 27
W28	15 38 8	24°19'53	11♌24	18° 7	23°33	27°19	28°34	21°32	16°21	25° 7	29°30	1° 6	2° 7	24°26	n.a.	W28
T 29	15 42 4	25°16'58	25°17	18°34	24°47	27°58	28°27	21°37	16°21	25° 7	29°29	1°R 6	2° 3	24°32	n.a.	T 29
F 30	15 46 1	26°14'02	9♍25	18°57	26° 1	28°36	28°19	21°41	16°21	25° 8	29°28	1° 6	2° 0	24°39	n.a.	F 30
S 31	15 49 57	27♉11'07	23♍45	19♊16	27♉15	29♒14	28♏11	21♓46	16♒22	25♌ 8	29♐27	1♌ 3	1♌57	24♓46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	11n10	17n35	0n57	18n34	2n 4	7n17	0s54	20s 8	1s56	20s26	0n24	6s37	2s21	17s 2	0s45	14n51	1n36	30s13	6s23	19n36	19n41	6s57			n.a.	T 1
F 2	11 31	14 0	2 9	19 10	2 7	7 46	0 52	19 57	1 57	20 25	0 24	6 34	2 21	17 2	0 45	14 51	1 36	30 13	6 23	19 37	19 42	6 55			n.a.	F 2
S 3	11 51	9 30	3 14	19 43	2 10	8 16	0 50	19 47	1 59	20 24	0 24	6 32	2 21	17 1	0 45	14 51	1 36	30 13	6 23	19 38	19 42	6 53			n.a.	S 3
S 4	12 11	4 22	4 6	20 14	2 12	8 45	0 48	19 37	2 0	20 23	0 24	6 29	2 21	17 1	0 45	14 51	1 36	30 14	6 24	19 39	19 43	6 51			n.a.	S 4
M 5	12 31	1s 4	4 43	20 43	2 13	9 15	0 46	19 26	2 1	20 22	0 24	6 27	2 22	17 0	0 45	14 51	1 36	30 14	6 24	19 41	19 44	6 49			n.a.	M 5
T 6	12 51	6 27	4 59	21 9	2 13	9 44	0 44	19 16	2 3	20 21	0 23	6 25	2 22	17 0	0 45	14 51	1 36	30 14	6 24	19 44	19 45	6 47			n.a.	T 6
W 7	13 11	11 23	4 56	21 33	2 13	10 12	0 42	19 5	2 4	20 19	0 23	6 22	2 22	17 0	0 45	14 52	1 36	30 14	6 24	19 46	19 45	6 45			n.a.	W 7
T 8	13 30	15 34	4 33	21 55	2 12	10 41	0 40	18 54	2 5	20 18	0 23	6 20	2 22	16 59	0 45	14 52	1 36	30 15	6 25	19 49	19 46	6 42			n.a.	T 8
F 9	13 50	18 44	3 54	22 15	2 11	11 9	0 38	18 43	2 7	20 17	0 23	6 18	2 22	16 59	0 45	14 52	1 36	30 15	6 25	19 51	19 47	6 40			n.a.	F 9
S 10	14 9	20 43	3 3	22 33	2 8	11 37	0 36	18 32	2 8	20 16	0 23	6 15	2 23	16 59	0 45	14 52	1 36	30 15	6 25	19 52	19 48	6 38			n.a.	S 10
S 11	14 27	21 30	2 3	22 48	2 5	12 5	0 34	18 21	2 9	20 15	0 23	6 13	2 23	16 58	0 45	14 52	1 36	30 15	6 25	19 53	19 48	6 36			n.a.	S 11
M12	14 46	21 7	0 58	23 2	2 2	12 32	0 31	18 10	2 11	20 13	0 23	6 11	2 23	16 58	0 46	14 52	1 35	30 15	6 25	19 53	19 49	6 34			n.a.	M12
T 13	15 4	19 42	0s 7	23 13	1 57	13 0	0 29	17 58	2 12	20 12	0 23	6 9	2 23	16 58	0 46	14 52	1 35	30 16	6 26	19 53	19 50	6 32			n.a.	T 13
W14	15 23	17 24	1 11	23 23	1 52	13 27	0 27	17 47	2 13	20 11	0 22	6 6	2 23	16 58	0 46	14 52	1 35	30 16	6 26	19 53	19 51	6 29			n.a.	W14
T 15	15 41	14 23	2 10	23 31	1 46	13 53	0 25	17 35	2 15	20 9	0 22	6 4	2 24	16 57	0 46	14 52	1 35	30 16	6 26	19 54	19 51	6 27			n.a.	T 15
F 16	15 58	10 49	3 4	23 37	1 40	14 19	0 22	17 23	2 16	20 8	0 22	6 2	2 24	16 57	0 46	14 52	1 35	30 16	6 26	19 54	19 52	6 25			n.a.	F 16
S 17	16 16	6 50	3 49	23 41	1 33	14 45	0 20	17 12	2 17	20 7	0 22	6 0	2 24	16 57	0 46	14 52	1 35	30 16	6 26	19 55	19 53	6 23			n.a.	S 17
S 18	16 33	2 35	4 24	23 44	1 25	15 11	0 18	17 0	2 19	20 5	0 22	5 58	2 24	16 57	0 46	14 52	1 35	30 17	6 27	19 57	19 54	6 21			n.a.	S 18
M19	16 50	1n47	4 49	23 45	1 17	15 36	0 15	16 48	2 20	20 4	0 22	5 56	2 24	16 57	0 46	14 52	1 35	30 17	6 27	20 0	19 54	6 18			n.a.	M19
T 20	17 6	6 9	5 0	23 45	1 8	16 1	0 13	16 36	2 21	20 2	0 22	5 54	2 25	16 56	0 46	14 52	1 35	30 17	6 27	20 2	19 55	6 16			n.a.	T 20
W21	17 23	10 20	4 58	23 43	0 59	16 25	0 11	16 24	2 23	20 1	0 21	5 52	2 25	16 56	0 46	14 52	1 35	30 17	6 27	20 5	19 56	6 14			n.a.	W21
T 22	17 39	14 9	4 42	23 39	0 48	16 49	0 8	16 12	2 24	19 59	0 21	5 50	2 25	16 56	0 46	14 52	1 35	30 17	6 27	20 8	19 57	6 12			n.a.	T 22
F 23	17 55	17 23	4 11	23 35	0 38	17 13	0 6	16 0	2 25	19 58	0 21	5 48	2 25	16 56	0 46	14 51	1 35	30 18	6 28	20 10	19 57	6 10			n.a.	F 23
S 24	18 10	19 50	3 28	23 29	0 26	17 36	0 4	15 48	2 27	19 56	0 21	5 46	2 26	16 56	0 46	14 51	1 35	30 18	6 28	20 12	19 58	6 8			n.a.	S 24
S 25	18 26	21 17	2 32	23 22	0 15	17 59	0 1	15 36	2 28	19 55	0 21	5 44	2 26	16 56	0 46	14 51	1 35	30 18	6 28	20 14	19 59	6 5			n.a.	S 25
M26	18 41	21 36	1 28	23 13	0 2	18 21	0n 1	15 23	2 29	19 53	0 21	5 42	2 26	16 56	0 46	14 51	1 35	30 18	6 28	20 14	19 59	6 3			n.a.	M26
T 27	18 55	20 40	0 18	23 4	0s11	18 43	0 4	15 11	2 31	19 52	0 21	5 41	2 26	16 56	0 46	14 51	1 35	30 18	6 28	20 15	20 0	6 1			n.a.	T 27
W28	19 10	18 31	0n55	22 54	0 24	19 4	0 6	14 59	2 32	19 50	0 20	5 39	2 26	16 56	0 46	14 51	1 35	30 19	6 29	20 15	20 1	5 59			n.a.	W28
T 29	19 24	15 16	2 5	22 42	0 38	19 25	0 8	14 46	2 33	19 49	0 20	5 37	2 27	16 56	0 46	14 51	1 35	30 19	6 29	20 15	20 2	5 57			n.a.	T 29
F 30	19 38	11 5	3 9	22 30	0 52	19 45	0 11	14 34	2 35	19 47	0 20	5 35	2 27	16 56	0 46	14 50	1 35	30 19	6 29	20 15	20 2	5 54			n.a.	F 30
S 31	19n51	6n13	4n 2	22n17	1s 6	20n 5	0n13	14s21	2s36	19s46	0n20	5s34	2s27	16s56	0s46	14n50	1n35	30s19	6s29	20n15	20n 3	5s52			n.a.	S 31

Julian Day Number = 1289087.5, Delta T = 08h00m55s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'48, Lahiri = -20°17'48 Julian Calendar 1 May 1184 BCE == Greg. Calendar 20 Apr. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

JUNE 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 54	28♉ 8'11	8♎15	19♊29	28♉28	29♒52	28°R 3	21♓51	16♒22	25♌ 9	29°R26	0°R58	1♌54	24♓52	n.a.	S 1
M 2	15 57 51	29° 5'16	22°52	19°39	29°42	0♓30	27♏56	21°55	16°R22	25° 9	29♐25	0♌51	1°51	24°59	n.a.	M 2
T 3	16 1 47	0♊ 2'20	7♏28	19°R43	0♊56	1° 8	27°48	22° 0	16°22	25°10	29°24	0°43	1°47	25° 6	n.a.	T 3
W 4	16 5 44	0°59'26	21°57	19°43	2°10	1°45	27°40	22° 4	16°22	25°10	29°22	0°33	1°44	25°13	n.a.	W 4
T 5	16 9 40	1°56'31	6♐12	19°38	3°23	2°23	27°33	22° 8	16°21	25°11	29°21	0°25	1°41	25°19	n.a.	T 5
F 6	16 13 37	2°53'37	20° 8	19°28	4°37	3° 0	27°25	22°13	16°21	25°11	29°20	0°18	1°38	25°26	n.a.	F 6
S 7	16 17 33	3°50'44	3♑40	19°14	5°51	3°37	27°17	22°17	16°21	25°12	29°19	0°12	1°35	25°33	n.a.	S 7
S 8	16 21 30	4°47'51	16°49	18°55	7° 5	4°14	27°10	22°21	16°21	25°13	29°18	0°10	1°32	25°39	n.a.	S 8
M 9	16 25 27	5°45'00	29°34	18°32	8°19	4°50	27° 2	22°25	16°21	25°13	29°16	0°D 9	1°28	25°46	n.a.	M 9
T 10	16 29 23	6°42'09	12♒ 0	18° 4	9°33	5°27	26°55	22°29	16°20	25°14	29°15	0° 9	1°25	25°53	n.a.	T 10
W11	16 33 20	7°39'18	24° 9	17°33	10°47	6° 3	26°47	22°33	16°20	25°15	29°14	0°10	1°22	25°59	n.a.	W11
T 12	16 37 16	8°36'29	6♓ 8	16°58	12° 0	6°39	26°40	22°36	16°19	25°16	29°13	0°R11	1°19	26° 6	n.a.	T 12
F 13	16 41 13	9°33'41	18° 0	16°21	13°14	7°15	26°33	22°40	16°19	25°16	29°11	0°11	1°16	26°13	n.a.	F 13
S 14	16 45 9	10°30'54	29°51	15°41	14°28	7°50	26°25	22°43	16°18	25°17	29°10	0° 8	1°13	26°20	n.a.	S 14
S 15	16 49 6	11°28'07	11♈46	15° 0	15°42	8°26	26°18	22°47	16°18	25°18	29° 9	0° 4	1° 9	26°26	n.a.	S 15
M16	16 53 2	12°25'22	23°49	14°18	16°56	9° 1	26°11	22°50	16°17	25°19	29° 8	29♋59	1° 6	26°33	n.a.	M16
T 17	16 56 59	13°22'38	6♉ 3	13°35	18°10	9°36	26° 4	22°53	16°16	25°20	29° 6	29°51	1° 3	26°40	n.a.	T 17
W18	17 0 56	14°19'54	18°31	12°53	19°24	10°10	25°57	22°57	16°16	25°21	29° 5	29°43	1° 0	26°46	n.a.	W18
T 19	17 4 52	15°17'12	1♊13	12°12	20°38	10°45	25°50	23° 0	16°15	25°22	29° 4	29°35	0°57	26°53	n.a.	T 19
F 20	17 8 49	16°14'31	14°11	11°34	21°52	11°19	25°43	23° 3	16°14	25°23	29° 2	29°29	0°53	27° 0	n.a.	F 20
S 21	17 12 45	17°11'51	27°24	10°58	23° 6	11°53	25°36	23° 5	16°13	25°24	29° 1	29°23	0°50	27° 6	n.a.	S 21
S 22	17 16 42	18° 9'12	10♋49	10°25	24°20	12°26	25°30	23° 8	16°12	25°25	29° 0	29°20	0°47	27°13	n.a.	S 22
M23	17 20 38	19° 6'34	24°27	9°56	25°34	12°59	25°23	23°11	16°11	25°26	28°58	29°D18	0°44	27°20	n.a.	M23
T 24	17 24 35	20° 3'57	8♌14	9°33	26°48	13°32	25°17	23°13	16°10	25°27	28°57	29°19	0°41	27°27	n.a.	T 24
W25	17 28 32	21° 1'20	22°10	9°14	28° 2	14° 5	25°11	23°16	16° 9	25°28	28°56	29°20	0°38	27°33	n.a.	W25
T 26	17 32 28	21°58'45	6♍13	9° 1	29°16	14°38	25° 5	23°18	16° 8	25°30	28°54	29°21	0°34	27°40	n.a.	T 26
F 27	17 36 25	22°56'10	20°21	8°54	0♋30	15°10	24°59	23°21	16° 7	25°31	28°53	29°R22	0°31	27°47	n.a.	F 27
S 28	17 40 21	23°53'36	4♎34	8°D53	1°45	15°42	24°53	23°23	16° 6	25°32	28°52	29°21	0°28	27°53	n.a.	S 28
S 29	17 44 18	24°51'02	18°49	8°59	2°59	16°13	24°47	23°25	16° 5	25°33	28°50	29°19	0°25	28° 0	n.a.	S 29
M30	17 48 14	25♊48'30	3♏ 3	9♊11	4♋13	16♓44	24♏41	23♓27	16♒ 3	25♌35	28♐49	29♋16	0♌22	28♓ 7	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 4	0n58	4n41	22n 4	1s21	20n24	0n15	14s 9	2s37	19s44	0n20	5s32	2s27	16s56	0s46	14n50	1n35	30s19	6s29	20n16	20n 4	5s50		n.a.
M 2	20 17	4s23	5 1	21 49	1 36	20 42	0 18	13 56	2 39	19 42	0 20	5 31	2 28	16 56	0 46	14 50	1 35	30 19	6 29	20 18	20 5	5 48		n.a.
T 3	20 30	9 29	5 2	21 35	1 51	21 0	0 20	13 44	2 40	19 41	0 20	5 29	2 28	16 56	0 46	14 50	1 35	30 20	6 30	20 20	20 5	5 45		n.a.
W 4	20 42	14 0	4 43	21 20	2 6	21 18	0 22	13 31	2 41	19 39	0 19	5 27	2 28	16 56	0 46	14 49	1 34	30 20	6 30	20 22	20 6	5 43		n.a.
T 5	20 53	17 38	4 7	21 4	2 22	21 35	0 24	13 19	2 42	19 38	0 19	5 26	2 28	16 56	0 46	14 49	1 34	30 20	6 30	20 24	20 7	5 41		n.a.
F 6	21 5	20 11	3 17	20 48	2 37	21 51	0 27	13 6	2 44	19 36	0 19	5 25	2 29	16 56	0 47	14 49	1 34	30 20	6 30	20 25	20 7	5 39		n.a.
S 7	21 16	21 30	2 17	20 33	2 51	22 7	0 29	12 54	2 45	19 34	0 19	5 23	2 29	16 56	0 47	14 49	1 34	30 20	6 30	20 26	20 8	5 37		n.a.
S 8	21 27	21 35	1 11	20 17	3 5	22 22	0 31	12 41	2 46	19 33	0 19	5 22	2 29	16 56	0 47	14 48	1 34	30 20	6 30	20 27	20 9	5 34		n.a.
M 9	21 37	20 32	0 3	20 1	3 19	22 36	0 33	12 29	2 47	19 31	0 19	5 20	2 29	16 56	0 47	14 48	1 34	30 20	6 31	20 27	20 10	5 32		n.a.
T 10	21 47	18 29	1s 3	19 46	3 32	22 50	0 36	12 16	2 49	19 30	0 18	5 19	2 30	16 56	0 47	14 48	1 34	30 21	6 31	20 27	20 10	5 30		n.a.
W11	21 57	15 39	2 6	19 31	3 44	23 3	0 38	12 4	2 50	19 28	0 18	5 18	2 30	16 57	0 47	14 48	1 34	30 21	6 31	20 27	20 11	5 28		n.a.
T 12	22 6	12 13	3 1	19 17	3 56	23 16	0 40	11 52	2 51	19 26	0 18	5 17	2 30	16 57	0 47	14 47	1 34	30 21	6 31	20 27	20 12	5 25		n.a.
F 13	22 15	8 19	3 49	19 3	4 6	23 27	0 42	11 39	2 53	19 25	0 18	5 15	2 31	16 57	0 47	14 47	1 34	30 21	6 31	20 27	20 12	5 23		n.a.
S 14	22 24	4 7	4 26	18 50	4 15	23 38	0 44	11 27	2 54	19 23	0 18	5 14	2 31	16 57	0 47	14 47	1 34	30 21	6 31	20 27	20 13	5 21		n.a.
S 15	22 32	0n15	4 52	18 38	4 22	23 49	0 46	11 14	2 55	19 22	0 17	5 13	2 31	16 57	0 47	14 46	1 34	30 21	6 31	20 28	20 14	5 19		n.a.
M16	22 39	4 40	5 6	18 28	4 28	23 59	0 48	11 2	2 56	19 20	0 17	5 12	2 31	16 58	0 47	14 46	1 34	30 21	6 31	20 29	20 15	5 16		n.a.
T 17	22 47	8 57	5 6	18 18	4 32	24 8	0 50	10 50	2 57	19 19	0 17	5 11	2 32	16 58	0 47	14 46	1 34	30 21	6 32	20 31	20 15	5 14		n.a.
W18	22 54	12 57	4 52	18 11	4 35	24 16	0 52	10 38	2 59	19 17	0 17	5 10	2 32	16 58	0 47	14 45	1 34	30 22	6 32	20 33	20 16	5 12		n.a.
T 19	23 0	16 28	4 23	18 5	4 36	24 23	0 54	10 25	3 0	19 16	0 17	5 9	2 32	16 58	0 47	14 45	1 34	30 22	6 32	20 34	20 17	5 10		n.a.
F 20	23 7	19 15	3 40	18 0	4 35	24 30	0 56	10 13	3 1	19 14	0 17	5 8	2 33	16 59	0 47	14 44	1 34	30 22	6 32	20 36	20 17	5 7		n.a.
S 21	23 12	21 4	2 44	17 58	4 32	24 36	0 57	10 1	3 2	19 13	0 16	5 7	2 33	16 59	0 47	14 44	1 34	30 22	6 32	20 37	20 18	5 5		n.a.
S 22	23 18	21 45	1 39	17 57	4 28	24 42	0 59	9 49	3 4	19 11	0 16	5 6	2 33	16 59	0 47	14 44	1 34	30 22	6 32	20 38	20 19	5 3		n.a.
M23	23 23	21 9	0 26	17 59	4 23	24 46	1 1	9 37	3 5	19 10	0 16	5 5	2 33	17 0	0 47	14 43	1 34	30 22	6 32	20 38	20 19	5 1		n.a.
T 24	23 27	19 17	0n48	18 2	4 15	24 50	1 3	9 26	3 6	19 9	0 16	5 5	2 34	17 0	0 47	14 43	1 34	30 22	6 32	20 38	20 20	4 58		n.a.
W25	23 31	16 15	2 1	18 8	4 7	24 53	1 4	9 14	3 7	19 7	0 16	5 4	2 34	17 0	0 47	14 42	1 34	30 22	6 33	20 38	20 21	4 56		n.a.
T 26	23 35	12 16	3 7	18 16	3 57	24 56	1 6	9 2	3 8	19 6	0 15	5 3	2 34	17 1	0 47	14 42	1 34	30 22	6 33	20 37	20 22	4 54		n.a.
F 27	23 39	7 35	4 3	18 26	3 46	24 57	1 7	8 51	3 10	19 5	0 15	5 3	2 35	17 1	0 47	14 41	1 34	30 22	6 33	20 37	20 22	4 52		n.a.
S 28	23 41	2 28	4 43	18 37	3 34	24 58	1 9	8 39	3 11	19 3	0 15	5 2	2 35	17 1	0 47	14 41	1 33	30 23	6 33	20 37	20 23	4 49		n.a.
S 29	23 44	2s46	5 6	18 51	3 21	24 58	1 10	8 28	3 12	19 2	0 15	5 1	2 35	17 2	0 47	14 40	1 33	30 23	6 33	20 38	20 24	4 47		n.a.
M30	23n46	7s52	5n11	19n 6	3s 8	24n58	1n12	8s16	3s13	19s 1	0n15	5s 1	2s35	17s 2	0s47	14n40	1n33	30s23	6s33	20n38	20n24	4s45		n.a.

Julian Day Number = 1289118.5, Delta T = 08h00m54s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'44, Lahiri = -20°17'43 Julian Calendar 1 June 1184 BCE == Greg. Calendar 21 May 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

JULY 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 11	26♊45'59	17♏13	9♊30	5♋27	17♓15	24°R36	23♓29	16°R 2	25♌36	28°R47	29°R12	0♌19	28♓13	n.a.	T 1
W 2	17 56 7	27°43'29	1♐15	9°56	6°41	17°46	24♏30	23°30	16♒ 1	25°37	28♐46	29♋ 7	0°15	28°20	n.a.	W 2
T 3	18 0 4	28°41'00	15° 4	10°29	7°55	18°16	24°25	23°32	15°59	25°39	28°45	29° 3	0°12	28°27	n.a.	T 3
F 4	18 4 1	29°38'33	28°38	11° 8	9° 9	18°46	24°20	23°34	15°58	25°40	28°43	28°59	0° 9	28°34	n.a.	F 4
S 5	18 7 57	0♋36'07	11♑55	11°54	10°23	19°16	24°15	23°35	15°57	25°42	28°42	28°56	0° 6	28°40	n.a.	S 5
S 6	18 11 54	1°33'42	24°52	12°47	11°38	19°45	24°11	23°36	15°55	25°43	28°41	28°D55	0° 3	28°47	n.a.	S 6
M 7	18 15 50	2°31'19	7♒31	13°46	12°52	20°14	24° 6	23°38	15°54	25°45	28°39	28°56	29♋59	28°54	n.a.	M 7
T 8	18 19 47	3°28'58	19°54	14°51	14° 6	20°42	24° 2	23°39	15°52	25°46	28°38	28°57	29°56	29° 0	n.a.	T 8
W 9	18 23 43	4°26'38	2♓ 3	16° 2	15°20	21°10	23°57	23°40	15°50	25°48	28°37	28°58	29°53	29° 7	n.a.	W 9
T 10	18 27 40	5°24'19	14° 2	17°19	16°34	21°38	23°53	23°41	15°49	25°49	28°35	29° 0	29°50	29°14	n.a.	T 10
F 11	18 31 36	6°22'03	25°55	18°42	17°48	22° 5	23°49	23°41	15°47	25°51	28°34	29° 1	29°47	29°20	n.a.	F 11
S 12	18 35 33	7°19'48	7♈47	20° 9	19° 3	22°32	23°46	23°42	15°45	25°52	28°32	29°R 2	29°44	29°27	n.a.	S 12
S 13	18 39 30	8°17'36	19°43	21°42	20°17	22°59	23°42	23°43	15°44	25°54	28°31	29° 1	29°40	29°34	n.a.	S 13
M14	18 43 26	9°15'25	1♉47	23°19	21°31	23°25	23°39	23°43	15°42	25°56	28°30	29° 0	29°37	29°41	n.a.	M14
T 15	18 47 23	10°13'16	14° 4	24°59	22°45	23°50	23°35	23°44	15°40	25°57	28°28	28°58	29°34	29°47	n.a.	T 15
W16	18 51 19	11°11'09	26°37	26°44	24° 0	24°15	23°32	23°44	15°38	25°59	28°27	28°55	29°31	29°54	n.a.	W16
T 17	18 55 16	12° 9'04	9♊29	28°31	25°14	24°40	23°29	23°44	15°36	26° 1	28°26	28°53	29°28	0♈ 1	n.a.	T 17
F 18	18 59 12	13° 7'00	22°40	0♋21	26°28	25° 4	23°27	23°R44	15°34	26° 2	28°24	28°50	29°25	0° 7	n.a.	F 18
S 19	19 3 9	14° 4'59	6♋10	2°14	27°42	25°28	23°24	23°44	15°32	26° 4	28°23	28°49	29°21	0°14	n.a.	S 19
S 20	19 7 5	15° 2'59	19°59	4° 8	28°57	25°51	23°22	23°44	15°31	26° 6	28°22	28°48	29°18	0°21	n.a.	S 20
M21	19 11 2	16° 1'01	4♌ 2	6° 4	0♌11	26°14	23°20	23°43	15°29	26° 8	28°21	28°D48	29°15	0°28	n.a.	M21
T 22	19 14 59	16°59'05	18°16	8° 0	1°25	26°36	23°18	23°43	15°27	26° 9	28°19	28°48	29°12	0°34	n.a.	T 22
W23	19 18 55	17°57'11	2♍37	9°58	2°39	26°58	23°16	23°43	15°25	26°11	28°18	28°49	29° 9	0°41	n.a.	W23
T 24	19 22 52	18°55'18	17° 0	11°55	3°54	27°19	23°14	23°42	15°22	26°13	28°17	28°50	29° 5	0°48	n.a.	T 24
F 25	19 26 48	19°53'26	1♎21	13°53	5° 8	27°40	23°13	23°41	15°20	26°15	28°15	28°51	29° 2	0°54	n.a.	F 25
S 26	19 30 45	20°51'36	15°37	15°51	6°22	28° 0	23°12	23°40	15°18	26°17	28°14	28°R51	28°59	1° 1	n.a.	S 26
S 27	19 34 41	21°49'48	29°46	17°49	7°37	28°19	23°11	23°40	15°16	26°19	28°13	28°51	28°56	1° 8	n.a.	S 27
M28	19 38 38	22°48'01	13♏45	19°46	8°51	28°38	23°10	23°38	15°14	26°21	28°12	28°51	28°53	1°14	n.a.	M28
T 29	19 42 34	23°46'16	27°33	21°42	10° 5	28°56	23° 9	23°37	15°12	26°23	28°10	28°50	28°50	1°21	n.a.	T 29
W30	19 46 31	24°44'33	11♐ 9	23°38	11°19	29°14	23° 9	23°36	15°10	26°25	28° 9	28°50	28°46	1°28	n.a.	W30
T 31	19 50 28	25♋42'51	24♐32	25♋32	12♌34	29♓31	23♏ 9	23♓35	15♒ 7	26♌27	28♐ 8	28♋49	28♋43	1♈35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	12s31	4n56	19n23	2s53	24n56	1n13	8s 5	3s14	19s 0	0n15	5s 0	2s36	17s 3	0s47	14n40	1n33	30s23	6s33	20n39	20n25	4s42			n.a.
W 2	23 49	16 26	4 24	19 41	2 39	24 54	1 14	7 54	3 15	18 59	0 14	5 0	2 36	17 3	0 47	14 39	1 33	30 23	6 33	20 40	20 26	4 40			n.a.
T 3	23 50	19 23	3 37	20 1	2 24	24 51	1 16	7 43	3 16	18 57	0 14	5 0	2 36	17 4	0 48	14 39	1 33	30 23	6 33	20 41	20 26	4 38			n.a.
F 4	23 50	21 11	2 38	20 22	2 8	24 47	1 17	7 32	3 18	18 56	0 14	4 59	2 37	17 4	0 48	14 38	1 33	30 23	6 33	20 42	20 27	4 36			n.a.
S 5	23 50	21 46	1 32	20 43	1 53	24 43	1 18	7 21	3 19	18 55	0 14	4 59	2 37	17 5	0 48	14 37	1 33	30 23	6 33	20 43	20 28	4 33			n.a.
S 6	23 49	21 9	0 22	21 6	1 37	24 38	1 19	7 11	3 20	18 54	0 14	4 59	2 37	17 5	0 48	14 37	1 33	30 23	6 33	20 43	20 28	4 31			n.a.
M 7	23 49	19 27	0s47	21 28	1 22	24 32	1 20	7 0	3 21	18 53	0 13	4 59	2 38	17 5	0 48	14 36	1 33	30 23	6 33	20 43	20 29	4 29			n.a.
T 8	23 47	16 52	1 53	21 51	1 7	24 25	1 21	6 50	3 22	18 52	0 13	4 58	2 38	17 6	0 48	14 36	1 33	30 23	6 34	20 42	20 30	4 26			n.a.
W 9	23 45	13 35	2 52	22 14	0 52	24 17	1 22	6 39	3 23	18 52	0 13	4 58	2 38	17 7	0 48	14 35	1 33	30 23	6 34	20 42	20 31	4 24			n.a.
T 10	23 43	9 48	3 43	22 36	0 37	24 9	1 23	6 29	3 24	18 51	0 13	4 58	2 38	17 7	0 48	14 35	1 33	30 23	6 34	20 42	20 31	4 22			n.a.
F 11	23 41	5 41	4 24	22 58	0 23	24 0	1 23	6 19	3 25	18 50	0 13	4 58	2 39	17 8	0 48	14 34	1 33	30 23	6 34	20 42	20 32	4 20			n.a.
S 12	23 38	1 21	4 54	23 19	0 9	23 51	1 24	6 9	3 26	18 49	0 13	4 58	2 39	17 8	0 48	14 34	1 33	30 23	6 34	20 41	20 33	4 17			n.a.
S 13	23 34	3n 3	5 11	23 38	0n 4	23 40	1 25	6 0	3 27	18 48	0 12	4 58	2 39	17 9	0 48	14 33	1 33	30 23	6 34	20 42	20 33	4 15			n.a.
M14	23 30	7 22	5 15	23 56	0 17	23 29	1 25	5 50	3 28	18 48	0 12	4 58	2 40	17 9	0 48	14 32	1 33	30 23	6 34	20 42	20 34	4 13			n.a.
T 15	23 26	11 29	5 4	24 13	0 29	23 17	1 26	5 41	3 29	18 47	0 12	4 58	2 40	17 10	0 48	14 32	1 33	30 23	6 34	20 42	20 35	4 10			n.a.
W16	23 21	15 12	4 39	24 27	0 40	23 5	1 26	5 32	3 30	18 46	0 12	4 58	2 40	17 10	0 48	14 31	1 33	30 23	6 34	20 43	20 35	4 8			n.a.
T 17	23 16	18 17	4 0	24 39	0 50	22 52	1 27	5 23	3 32	18 46	0 12	4 59	2 41	17 11	0 48	14 31	1 33	30 23	6 34	20 43	20 36	4 6			n.a.
F 18	23 10	20 31	3 7	24 49	0 59	22 38	1 27	5 14	3 33	18 45	0 11	4 59	2 41	17 12	0 48	14 30	1 33	30 23	6 34	20 44	20 37	4 3			n.a.
S 19	23 5	21 39	2 2	24 57	1 8	22 23	1 27	5 5	3 33	18 45	0 11	4 59	2 41	17 12	0 48	14 29	1 33	30 23	6 34	20 44	20 37	4 1			n.a.
S 20	22 58	21 31	0 49	25 2	1 16	22 8	1 28	4 57	3 34	18 45	0 11	5 0	2 41	17 13	0 48	14 29	1 33	30 23	6 34	20 44	20 38	3 59			n.a.
M21	22 51	20 2	0n29	25 4	1 22	21 52	1 28	4 48	3 35	18 44	0 11	5 0	2 42	17 13	0 48	14 28	1 33	30 23	6 34	20 44	20 39	3 56			n.a.
T 22	22 44	17 17	1 46	25 3	1 28	21 36	1 28	4 40	3 36	18 44	0 11	5 0	2 42	17 14	0 48	14 27	1 33	30 23	6 34	20 44	20 39	3 54			n.a.
W23	22 36	13 27	2 57	25 0	1 33	21 19	1 28	4 32	3 37	18 44	0 11	5 1	2 42	17 15	0 48	14 27	1 33	30 23	6 34	20 44	20 40	3 52			n.a.
T 24	22 28	8 50	3 56	24 55	1 38	21 1	1 28	4 25	3 38	18 43	0 10	5 1	2 43	17 15	0 48	14 26	1 33	30 23	6 34	20 44	20 41	3 50			n.a.
F 25	22 20	3 44	4 41	24 47	1 41	20 43	1 28	4 17	3 39	18 43	0 10	5 2	2 43	17 16	0 48	14 25	1 33	30 23	6 34	20 44	20 41	3 47			n.a.
S 26	22 11	1s31	5 9	24 36	1 44	20 24	1 27	4 10	3 40	18 43	0 10	5 3	2 43	17 17	0 48	14 25	1 33	30 23	6 34	20 44	20 42	3 45			n.a.
S 27	22 2	6 38	5 17	24 23	1 46	20 4	1 27	4 3	3 41	18 43	0 10	5 3	2 44	17 17	0 48	14 24	1 33	30 23	6 34	20 44	20 43	3 43			n.a.
M28	21 52	11 22	5 6	24 7	1 47	19 44	1 27	3 56	3 42	18 43	0 10	5 4	2 44	17 18	0 48	14 23	1 33	30 23	6 34	20 44	20 43	3 40			n.a.
T 29	21 42	15 26	4 38	23 50	1 48	19 23	1 26	3 49	3 43	18 43	0 9	5 5	2 44	17 19	0 48	14 23	1 33	30 23	6 34	20 44	20 44	3 38			n.a.
W30	21 32	18 37	3 55	23 30	1 48	19 2	1 26	3 43	3 43	18 43	0 9	5 5	2 44	17 19	0 48	14 22	1 33	30 23	6 34	20 44	20 45	3 36			n.a.
T 31	21n21	20s44	2n59	23n 9	1n47	18n41	1n25	3s37	3s44	18s43	0n 9	5s 6	2s45	17s20	0s48	14n21	1n33	30s23	6s34	20n44	20n45	3s33			n.a.

Julian Day Number = 1289148.5, Delta T = 08h00m52s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'40, Lahiri = -20°17'39 Julian Calendar 1 July 1184 BCE == Greg. Calendar 20 June 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

AUGUST 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 54 24	26♋41'11	7♉41	27♋26	13♌48	29♓48	23°D 9	23°R33	15°R 5	26♌29	28°R 7	28°R49	28♋40	1♈41	n.a.	F 1
S 2	19 58 21	27°39'33	20°36	29°19	15° 2	0♈ 3	23♏ 9	23♓32	15♒ 3	26°31	28♐ 6	28♋49	28°37	1°48	n.a.	S 2
S 3	20 2 17	28°37'58	3♒17	1♌11	16°17	0°18	23° 9	23°30	15° 1	26°33	28° 5	28°49	28°34	1°55	n.a.	S 3
M 4	20 6 14	29°36'24	15°44	3° 2	17°31	0°33	23°10	23°28	14°58	26°35	28° 4	28°49	28°31	2° 1	n.a.	M 4
T 5	20 10 10	0♌34'52	28° 0	4°52	18°45	0°47	23°10	23°26	14°56	26°37	28° 2	28°49	28°27	2° 8	n.a.	T 5
W 6	20 14 7	1°33'22	10♓ 5	6°40	19°59	1° 0	23°11	23°24	14°54	26°39	28° 1	28°49	28°24	2°15	n.a.	W 6
T 7	20 18 3	2°31'55	22° 2	8°28	21°14	1°12	23°12	23°22	14°51	26°41	28° 0	28°48	28°21	2°22	n.a.	T 7
F 8	20 22 0	3°30'30	3♈54	10°15	22°28	1°24	23°14	23°20	14°49	26°43	27°59	28°48	28°18	2°28	n.a.	F 8
S 9	20 25 56	4°29'07	15°46	12° 0	23°42	1°35	23°15	23°18	14°47	26°45	27°58	28°47	28°15	2°35	n.a.	S 9
S 10	20 29 53	5°27'46	27°41	13°44	24°56	1°45	23°17	23°16	14°44	26°47	27°57	28°47	28°11	2°42	n.a.	S 10
M11	20 33 50	6°26'28	9♉44	15°28	26°11	1°55	23°19	23°13	14°42	26°49	27°56	28°D47	28° 8	2°48	n.a.	M11
T 12	20 37 46	7°25'12	21°59	17°10	27°25	2° 3	23°21	23°11	14°39	26°51	27°55	28°47	28° 5	2°55	n.a.	T 12
W13	20 41 43	8°23'59	4♊31	18°52	28°39	2°11	23°23	23° 8	14°37	26°53	27°54	28°48	28° 2	3° 2	n.a.	W13
T 14	20 45 39	9°22'48	17°23	20°32	29°53	2°18	23°26	23° 5	14°35	26°56	27°53	28°49	27°59	3° 9	n.a.	T 14
F 15	20 49 36	10°21'40	0♋39	22°11	1♍ 8	2°24	23°28	23° 2	14°32	26°58	27°52	28°50	27°56	3°15	n.a.	F 15
S 16	20 53 32	11°20'33	14°19	23°50	2°22	2°30	23°31	22°59	14°30	27° 0	27°51	28°50	27°52	3°22	n.a.	S 16
S 17	20 57 29	12°19'30	28°22	25°27	3°36	2°34	23°34	22°56	14°27	27° 2	27°50	28°R51	27°49	3°29	n.a.	S 17
M18	21 1 25	13°18'28	12♌47	27° 3	4°51	2°38	23°37	22°53	14°25	27° 4	27°49	28°50	27°46	3°35	n.a.	M18
T 19	21 5 22	14°17'29	27°27	28°39	6° 5	2°41	23°40	22°50	14°23	27° 7	27°49	28°49	27°43	3°42	n.a.	T 19
W20	21 9 19	15°16'31	12♍15	0♍14	7°19	2°43	23°44	22°47	14°20	27° 9	27°48	28°47	27°40	3°49	n.a.	W20
T 21	21 13 15	16°15'36	27° 5	1°47	8°33	2°44	23°48	22°43	14°18	27°11	27°47	28°45	27°37	3°56	n.a.	T 21
F 22	21 17 12	17°14'42	11♎48	3°20	9°47	2°R44	23°52	22°40	14°15	27°13	27°46	28°43	27°33	4° 2	n.a.	F 22
S 23	21 21 8	18°13'51	26°18	4°52	11° 2	2°44	23°56	22°36	14°13	27°15	27°45	28°41	27°30	4° 9	n.a.	S 23
S 24	21 25 5	19°13'01	10♏32	6°23	12°16	2°42	24° 0	22°33	14°11	27°18	27°45	28°40	27°27	4°16	n.a.	S 24
M25	21 29 1	20°12'13	24°28	7°53	13°30	2°40	24° 4	22°29	14° 8	27°20	27°44	28°D40	27°24	4°22	n.a.	M25
T 26	21 32 58	21°11'27	8♐ 4	9°23	14°44	2°36	24° 9	22°25	14° 6	27°22	27°43	28°41	27°21	4°29	n.a.	T 26
W27	21 36 54	22°10'44	21°22	10°51	15°58	2°32	24°14	22°22	14° 3	27°24	27°43	28°42	27°17	4°36	n.a.	W27
T 28	21 40 51	23°10'02	4♑24	12°19	17°13	2°27	24°19	22°18	14° 1	27°26	27°42	28°44	27°14	4°43	n.a.	T 28
F 29	21 44 47	24° 9'22	17°11	13°45	18°27	2°21	24°24	22°14	13°59	27°29	27°41	28°45	27°11	4°49	n.a.	F 29
S 30	21 48 44	25° 8'44	29°45	15°11	19°41	2°14	24°29	22°10	13°56	27°31	27°41	28°R45	27° 8	4°56	n.a.	S 30
S 31	21 52 41	26♌ 8'08	12♒ 8	16♍36	20♍55	2♈ 7	24♏35	22♓ 6	13♒54	27♌33	27♐40	28♋45	27♋ 5	5♈ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n10	21s42	1n55	22n45	1n46	18n18	1n25	3s31	3s45	18s43	0n 9	5s 7	2s45	17s21	0s48	14n21	1n33	30s23	6s34	20n44	20n46	3s31		n.a.
S 2	20 58	21 29	0 45	22 20	1 45	17 56	1 24	3 25	3 46	18 43	0 9	5 8	2 45	17 21	0 48	14 20	1 33	30 23	6 34	20 44	20 47	3 29		n.a.
S 3	20 46	20 9	0s25	21 53	1 42	17 32	1 23	3 20	3 46	18 44	0 9	5 9	2 45	17 22	0 48	14 19	1 33	30 23	6 34	20 44	20 47	3 26		n.a.
M 4	20 34	17 51	1 33	21 25	1 40	17 9	1 22	3 14	3 47	18 44	0 8	5 10	2 46	17 23	0 48	14 18	1 33	30 23	6 34	20 44	20 48	3 24		n.a.
T 5	20 21	14 47	2 35	20 56	1 37	16 44	1 21	3 9	3 48	18 44	0 8	5 11	2 46	17 23	0 48	14 18	1 32	30 23	6 34	20 44	20 49	3 21		n.a.
W 6	20 8	11 8	3 29	20 25	1 33	16 20	1 21	3 5	3 48	18 45	0 8	5 12	2 46	17 24	0 48	14 17	1 32	30 23	6 34	20 44	20 49	3 19		n.a.
T 7	19 55	7 5	4 14	19 53	1 29	15 55	1 19	3 0	3 49	18 45	0 8	5 13	2 47	17 25	0 48	14 16	1 32	30 23	6 34	20 44	20 50	3 17		n.a.
F 8	19 41	2 49	4 48	19 20	1 25	15 29	1 18	2 56	3 50	18 46	0 8	5 14	2 47	17 26	0 48	14 15	1 32	30 23	6 34	20 44	20 51	3 14		n.a.
S 9	19 27	1n34	5 9	18 46	1 21	15 3	1 17	2 52	3 50	18 46	0 8	5 15	2 47	17 26	0 48	14 15	1 32	30 23	6 34	20 45	20 51	3 12		n.a.
S 10	19 13	5 54	5 17	18 11	1 16	14 37	1 16	2 48	3 51	18 47	0 7	5 16	2 47	17 27	0 48	14 14	1 32	30 23	6 34	20 45	20 52	3 10		n.a.
M11	18 58	10 3	5 11	17 35	1 11	14 10	1 15	2 45	3 51	18 47	0 7	5 18	2 48	17 28	0 48	14 13	1 32	30 23	6 34	20 45	20 53	3 7		n.a.
T 12	18 43	13 52	4 51	16 59	1 5	13 43	1 13	2 42	3 52	18 48	0 7	5 19	2 48	17 28	0 48	14 12	1 32	30 23	6 34	20 45	20 53	3 5		n.a.
W13	18 28	17 10	4 18	16 22	1 0	13 15	1 12	2 39	3 52	18 49	0 7	5 20	2 48	17 29	0 48	14 12	1 32	30 23	6 34	20 44	20 54	3 3		n.a.
T 14	18 12	19 44	3 30	15 44	0 54	12 48	1 11	2 37	3 52	18 50	0 7	5 21	2 48	17 30	0 48	14 11	1 32	30 23	6 34	20 44	20 54	3 0		n.a.
F 15	17 56	21 20	2 30	15 6	0 48	12 19	1 9	2 34	3 53	18 50	0 7	5 23	2 49	17 31	0 48	14 10	1 32	30 22	6 34	20 44	20 55	2 58		n.a.
S 16	17 40	21 44	1 20	14 27	0 42	11 51	1 7	2 33	3 53	18 51	0 6	5 24	2 49	17 31	0 48	14 9	1 32	30 22	6 33	20 44	20 56	2 56		n.a.
S 17	17 23	20 47	0 3	13 48	0 35	11 22	1 6	2 31	3 53	18 52	0 6	5 26	2 49	17 32	0 48	14 9	1 32	30 22	6 33	20 44	20 56	2 53		n.a.
M18	17 6	18 28	1n16	13 8	0 29	10 53	1 4	2 30	3 53	18 53	0 6	5 27	2 49	17 33	0 48	14 8	1 32	30 22	6 33	20 44	20 57	2 51		n.a.
T 19	16 49	14 55	2 32	12 29	0 22	10 24	1 2	2 29	3 53	18 54	0 6	5 29	2 49	17 33	0 48	14 7	1 32	30 22	6 33	20 44	20 58	2 48		n.a.
W20	16 31	10 25	3 37	11 49	0 15	9 54	1 1	2 28	3 54	18 55	0 6	5 30	2 50	17 34	0 48	14 6	1 32	30 22	6 33	20 44	20 58	2 46		n.a.
T 21	16 13	5 16	4 29	11 8	0 8	9 24	0 59	2 27	3 54	18 56	0 6	5 32	2 50	17 35	0 48	14 6	1 32	30 22	6 33	20 45	20 59	2 44		n.a.
F 22	15 55	0s 7	5 2	10 28	0 1	8 54	0 57	2 27	3 53	18 57	0 6	5 33	2 50	17 36	0 48	14 5	1 32	30 22	6 33	20 45	21 0	2 41		n.a.
S 23	15 37	5 26	5 15	9 47	0s 6	8 23	0 55	2 27	3 53	18 59	0 5	5 35	2 50	17 36	0 48	14 4	1 32	30 22	6 33	20 46	21 0	2 39		n.a.
S 24	15 18	10 21	5 9	9 7	0 13	7 53	0 53	2 28	3 53	19 0	0 5	5 36	2 51	17 37	0 48	14 3	1 32	30 22	6 33	20 46	21 1	2 37		n.a.
M25	14 59	14 37	4 44	8 26	0 21	7 22	0 51	2 29	3 53	19 1	0 5	5 38	2 51	17 38	0 48	14 3	1 32	30 22	6 33	20 46	21 1	2 34		n.a.
T 26	14 40	18 0	4 4	7 45	0 28	6 51	0 49	2 30	3 53	19 2	0 5	5 40	2 51	17 38	0 48	14 2	1 32	30 22	6 33	20 46	21 2	2 32		n.a.
W27	14 21	20 22	3 11	7 5	0 35	6 20	0 46	2 31	3 52	19 4	0 5	5 41	2 51	17 39	0 48	14 1	1 32	30 22	6 33	20 46	21 3	2 29		n.a.
T 28	14 1	21 36	2 10	6 24	0 43	5 48	0 44	2 33	3 52	19 5	0 5	5 43	2 51	17 40	0 48	14 0	1 32	30 21	6 33	20 45	21 3	2 27		n.a.
F 29	13 41	21 40	1 3	5 44	0 50	5 17	0 42	2 35	3 51	19 7	0 4	5 45	2 51	17 41	0 48	13 59	1 32	30 21	6 33	20 45	21 4	2 25		n.a.
S 30	13 21	20 38	0s 5	5 3	0 57	4 45	0 40	2 37	3 51	19 8	0 4	5 47	2 52	17 41	0 48	13 59	1 32	30 21	6 32	20 45	21 5	2 22		n.a.
S 31	13n 1	18s36	1s13	4n23	1s 5	4n13	0n37	2s39	3s50	19s10	0n 4	5s48	2s52	17s42	0s48	13n58	1n32	30s21	6s32	20n45	21n 5	2s20		n.a.

Julian Day Number = 1289179.5, Delta T = 08h00m50s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'36, Lahiri = -20°17'35 Julian Calendar 1 Aug. 1184 BCE == Greg. Calendar 21 July 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

SEPTEMBER 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 56 37	27♌ 7'34	24♒22	17♍59	22♍ 9	1°R58	24♏40	22°R 2	13°R52	27♌35	27°R39	28°R42	27♋ 2	5♈ 9	n.a.	M 1
T 2	22 0 34	28° 7'02	6♓28	19°22	23°23	1♈49	24°46	21♓57	13♒49	27°38	27♐39	28♋39	26°58	5°16	n.a.	T 2
W 3	22 4 30	29° 6'33	18°27	20°44	24°37	1°38	24°52	21°53	13°47	27°40	27°38	28°34	26°55	5°23	n.a.	W 3
T 4	22 8 27	0♍ 6'06	0♈22	22° 4	25°51	1°27	24°58	21°49	13°45	27°42	27°38	28°28	26°52	5°30	n.a.	T 4
F 5	22 12 23	1° 5'41	12°13	23°24	27° 6	1°15	25° 4	21°44	13°42	27°44	27°37	28°22	26°49	5°36	n.a.	F 5
S 6	22 16 20	2° 5'18	24° 5	24°42	28°20	1° 2	25°11	21°40	13°40	27°47	27°37	28°17	26°46	5°43	n.a.	S 6
S 7	22 20 16	3° 4'58	5♉59	25°59	29°34	0°49	25°17	21°35	13°38	27°49	27°37	28°12	26°42	5°50	n.a.	S 7
M 8	22 24 13	4° 4'40	17°59	27°15	0♎48	0°34	25°24	21°31	13°36	27°51	27°36	28° 9	26°39	5°56	n.a.	M 8
T 9	22 28 9	5° 4'25	0♊11	28°29	2° 2	0°19	25°31	21°26	13°34	27°53	27°36	28°D 8	26°36	6° 3	n.a.	T 9
W10	22 32 6	6° 4'12	12°38	29°41	3°16	0° 3	25°38	21°22	13°31	27°55	27°36	28° 8	26°33	6°10	n.a.	W10
T 11	22 36 3	7° 4'02	25°24	0♎52	4°30	29♓47	25°45	21°17	13°29	27°58	27°35	28° 9	26°30	6°17	n.a.	T 11
F 12	22 39 59	8° 3'54	8♋35	2° 1	5°44	29°30	25°53	21°12	13°27	28° 0	27°35	28°10	26°27	6°23	n.a.	F 12
S 13	22 43 56	9° 3'48	22°13	3° 8	6°58	29°12	26° 0	21° 8	13°25	28° 2	27°35	28°R12	26°23	6°30	n.a.	S 13
S 14	22 47 52	10° 3'44	6♌19	4°13	8°12	28°54	26° 8	21° 3	13°23	28° 4	27°34	28°11	26°20	6°37	n.a.	S 14
M15	22 51 49	11° 3'43	20°51	5°15	9°26	28°35	26°15	20°58	13°21	28° 7	27°34	28° 9	26°17	6°43	n.a.	M15
T 16	22 55 45	12° 3'44	5♍46	6°14	10°40	28°15	26°23	20°53	13°19	28° 9	27°34	28° 5	26°14	6°50	n.a.	T 16
W17	22 59 42	13° 3'47	20°54	7°11	11°53	27°55	26°31	20°48	13°17	28°11	27°34	28° 0	26°11	6°57	n.a.	W17
T 18	23 3 38	14° 3'52	6♎ 7	8° 4	13° 7	27°35	26°40	20°44	13°15	28°13	27°34	27°52	26° 8	7° 4	n.a.	T 18
F 19	23 7 35	15° 3'59	21°13	8°53	14°21	27°14	26°48	20°39	13°13	28°15	27°34	27°45	26° 4	7°10	n.a.	F 19
S 20	23 11 31	16° 4'08	6♏ 4	9°39	15°35	26°53	26°57	20°34	13°11	28°17	27°34	27°39	26° 1	7°17	n.a.	S 20
S 21	23 15 28	17° 4'19	20°33	10°20	16°49	26°32	27° 5	20°29	13° 9	28°20	27°34	27°34	25°58	7°24	n.a.	S 21
M22	23 19 25	18° 4'31	4♐35	10°55	18° 3	26°10	27°14	20°24	13° 7	28°22	27°D34	27°31	25°55	7°30	n.a.	M22
T 23	23 23 21	19° 4'45	18°12	11°26	19°17	25°48	27°23	20°19	13° 5	28°24	27°34	27°D30	25°52	7°37	n.a.	T 23
W24	23 27 18	20° 5'01	1♑24	11°50	20°30	25°27	27°32	20°14	13° 4	28°26	27°34	27°30	25°48	7°44	n.a.	W24
T 25	23 31 14	21° 5'18	14°14	12° 7	21°44	25° 5	27°41	20° 9	13° 2	28°28	27°34	27°32	25°45	7°51	n.a.	T 25
F 26	23 35 11	22° 5'37	26°48	12°17	22°58	24°43	27°50	20° 4	13° 0	28°30	27°34	27°R32	25°42	7°57	n.a.	F 26
S 27	23 39 7	23° 5'57	9♒ 7	12°R18	24°12	24°21	28° 0	19°59	12°58	28°32	27°34	27°31	25°39	8° 4	n.a.	S 27
S 28	23 43 4	24° 6'19	21°17	12°11	25°25	23°59	28° 9	19°55	12°57	28°34	27°34	27°28	25°36	8°11	n.a.	S 28
M29	23 47 0	25° 6'43	3♓20	11°55	26°39	23°38	28°19	19°50	12°55	28°36	27°34	27°23	25°33	8°17	n.a.	M29
T 30	23 50 57	26♍ 7'09	15♓17	11♎29	27♎53	23♓16	28♏28	19♓45	12♒54	28♌38	27♐35	27♋15	25♋29	8♈24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n40	15s45	2s16	3n43	1s12	3n42	0n35	2s42	3s50	19s11	0n 4	5s50	2s52	17s43	0s48	13n57	1n32	30s21	6s32	20n45	21n 6	2s17		n.a.
T 2	12 19	12 15	3 12	3 4	1 19	3 10	0 32	2 45	3 49	19 13	0 4	5 52	2 52	17 43	0 48	13 56	1 32	30 21	6 32	20 46	21 7	2 15		n.a.
W 3	11 58	8 17	3 59	2 25	1 26	2 38	0 30	2 49	3 48	19 14	0 4	5 54	2 52	17 44	0 48	13 56	1 32	30 21	6 32	20 47	21 7	2 13		n.a.
T 4	11 37	4 3	4 35	1 46	1 34	2 5	0 27	2 52	3 47	19 16	0 4	5 56	2 52	17 45	0 48	13 55	1 32	30 21	6 32	20 48	21 8	2 10		n.a.
F 5	11 16	0n20	4 59	1 8	1 41	1 33	0 25	2 56	3 46	19 18	0 3	5 58	2 53	17 45	0 48	13 54	1 32	30 21	6 32	20 50	21 8	2 8		n.a.
S 6	10 54	4 41	5 10	0 30	1 48	1 1	0 22	3 0	3 45	19 19	0 3	6 0	2 53	17 46	0 48	13 53	1 32	30 21	6 32	20 51	21 9	2 6		n.a.
S 7	10 32	8 53	5 8	0s 7	1 54	0 29	0 20	3 5	3 43	19 21	0 3	6 2	2 53	17 47	0 48	13 52	1 32	30 20	6 32	20 52	21 10	2 3		n.a.
M 8	10 10	12 47	4 53	0 44	2 1	0s 4	0 17	3 9	3 42	19 23	0 3	6 3	2 53	17 47	0 48	13 52	1 32	30 20	6 32	20 52	21 10	2 1		n.a.
T 9	9 48	16 13	4 24	1 20	2 8	0 36	0 14	3 14	3 40	19 25	0 3	6 5	2 53	17 48	0 48	13 51	1 33	30 20	6 32	20 53	21 11	1 58		n.a.
W10	9 26	19 1	3 42	1 55	2 14	1 9	0 11	3 19	3 39	19 26	0 3	6 7	2 53	17 48	0 48	13 50	1 33	30 20	6 31	20 53	21 11	1 56		n.a.
T 11	9 4	20 57	2 49	2 29	2 20	1 41	0 9	3 24	3 37	19 28	0 3	6 9	2 53	17 49	0 48	13 49	1 33	30 20	6 31	20 52	21 12	1 53		n.a.
F 12	8 41	21 49	1 44	3 2	2 26	2 13	0 6	3 29	3 35	19 30	0 2	6 11	2 53	17 50	0 48	13 49	1 33	30 20	6 31	20 52	21 13	1 51		n.a.
S 13	8 18	21 26	0 32	3 34	2 31	2 46	0 3	3 35	3 34	19 32	0 2	6 13	2 53	17 50	0 48	13 48	1 33	30 20	6 31	20 52	21 13	1 49		n.a.
S 14	7 55	19 43	0n44	4 5	2 37	3 18	0 0	3 40	3 32	19 34	0 2	6 15	2 53	17 51	0 48	13 47	1 33	30 20	6 31	20 52	21 14	1 46		n.a.
M15	7 32	16 40	2 0	4 35	2 41	3 50	0s 3	3 46	3 30	19 36	0 2	6 17	2 54	17 51	0 48	13 46	1 33	30 20	6 31	20 52	21 15	1 44		n.a.
T 16	7 9	12 28	3 9	5 3	2 46	4 22	0 5	3 52	3 27	19 38	0 2	6 19	2 54	17 52	0 48	13 46	1 33	30 20	6 31	20 53	21 15	1 41		n.a.
W17	6 46	7 25	4 6	5 29	2 50	4 54	0 8	3 58	3 25	19 40	0 2	6 21	2 54	17 53	0 48	13 45	1 33	30 19	6 31	20 54	21 16	1 39		n.a.
T 18	6 22	1 54	4 46	5 54	2 54	5 26	0 11	4 4	3 23	19 42	0 2	6 23	2 54	17 53	0 48	13 44	1 33	30 19	6 31	20 56	21 16	1 37		n.a.
F 19	5 59	3s42	5 6	6 17	2 57	5 58	0 14	4 10	3 20	19 44	0 2	6 25	2 54	17 54	0 48	13 43	1 33	30 19	6 31	20 57	21 17	1 34		n.a.
S 20	5 35	8 59	5 4	6 37	2 59	6 30	0 17	4 17	3 18	19 46	0 1	6 27	2 54	17 54	0 48	13 43	1 33	30 19	6 30	20 59	21 18	1 32		n.a.
S 21	5 11	13 38	4 43	6 55	3 1	7 1	0 20	4 23	3 15	19 49	0 1	6 29	2 54	17 55	0 48	13 42	1 33	30 19	6 30	21 0	21 18	1 29		n.a.
M22	4 47	17 23	4 6	7 10	3 2	7 32	0 23	4 29	3 13	19 51	0 1	6 31	2 54	17 55	0 48	13 41	1 33	30 19	6 30	21 0	21 19	1 27		n.a.
T 23	4 23	20 3	3 15	7 22	3 2	8 4	0 26	4 35	3 10	19 53	0 1	6 33	2 54	17 56	0 48	13 40	1 33	30 19	6 30	21 0	21 19	1 24		n.a.
W24	3 59	21 34	2 16	7 31	3 1	8 35	0 29	4 41	3 7	19 55	0 1	6 35	2 54	17 56	0 48	13 40	1 33	30 19	6 30	21 0	21 20	1 22		n.a.
T 25	3 35	21 53	1 11	7 36	2 59	9 6	0 32	4 47	3 4	19 57	0 1	6 37	2 54	17 57	0 48	13 39	1 33	30 19	6 30	21 0	21 21	1 20		n.a.
F 26	3 11	21 5	0 4	7 37	2 55	9 36	0 34	4 54	3 1	20 0	0 1	6 39	2 54	17 57	0 48	13 38	1 33	30 18	6 30	21 0	21 21	1 17		n.a.
S 27	2 47	19 16	1s 2	7 33	2 51	10 7	0 37	5 0	2 58	20 2	0 1	6 41	2 54	17 58	0 48	13 37	1 33	30 18	6 30	21 0	21 22	1 15		n.a.
S 28	2 23	16 35	2 4	7 25	2 45	10 37	0 40	5 5	2 55	20 4	0 0	6 43	2 54	17 58	0 48	13 37	1 33	30 18	6 30	21 1	21 22	1 12		n.a.
M29	1 58	13 14	2 59	7 11	2 37	11 7	0 43	5 11	2 51	20 6	0 0	6 45	2 54	17 59	0 48	13 36	1 33	30 18	6 29	21 2	21 23	1 10		n.a.
T 30	1n34	9s21	3s46	6s52	2s27	11s36	0s46	5s17	2s48	20s 9	0n 0	6s47	2s54	17s59	0s48	13n35	1n33	30s18	6s29	21n 3	21n24	1s 7		n.a.

Julian Day Number = 1289210.5, Delta T = 08h00m49s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'31, Lahiri = -20°17'31 Julian Calendar 1 Sept. 1184 BCE == Greg. Calendar 21 Aug. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

OCTOBER 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 54 54	27♍ 7'36	27♓11	10°R53	29♎ 6	22°R55	28♏38	19°R40	12°R52	28♑40	27♐35	27°R 4	25♋26	8♈31	n.a.	W 1
T 2	23 58 50	28° 8'05	9♈ 4	10♎ 7	0♏20	22♓34	28°48	19♓35	12♒51	28°42	27°35	26♋52	25°23	8°38	n.a.	T 2
F 3	0 2 47	29° 8'36	20°56	9°12	1°34	22°14	28°58	19°30	12°49	28°44	27°35	26°40	25°20	8°44	n.a.	F 3
S 4	0 6 43	0♎ 9'09	2♉49	8° 8	2°47	21°53	29° 9	19°26	12°48	28°46	27°36	26°28	25°17	8°51	n.a.	S 4
S 5	0 10 40	1° 9'43	14°45	6°57	4° 1	21°34	29°19	19°21	12°46	28°48	27°36	26°17	25°13	8°58	n.a.	S 5
M 6	0 14 36	2°10'20	26°48	5°40	5°14	21°14	29°29	19°16	12°45	28°50	27°37	26° 9	25°10	9° 4	n.a.	M 6
T 7	0 18 33	3°10'58	8♊59	4°20	6°28	20°55	29°40	19°11	12°44	28°52	27°37	26° 4	25° 7	9°11	n.a.	T 7
W 8	0 22 29	4°11'38	21°22	2°59	7°41	20°37	29°50	19° 7	12°42	28°54	27°37	26° 1	25° 4	9°18	n.a.	W 8
T 9	0 26 26	5°12'20	4♋ 3	1°41	8°55	20°19	0♐ 1	19° 2	12°41	28°56	27°38	26°D 0	25° 1	9°25	n.a.	T 9
F 10	0 30 23	6°13'04	17° 5	0°26	10° 8	20° 2	0°12	18°57	12°40	28°58	27°38	26° 0	24°58	9°31	n.a.	F 10
S 11	0 34 19	7°13'50	0♌33	29♍19	11°21	19°46	0°23	18°53	12°39	29° 0	27°39	26°R 0	24°54	9°38	n.a.	S 11
S 12	0 38 16	8°14'38	14°29	28°20	12°35	19°30	0°34	18°48	12°38	29° 2	27°39	25°59	24°51	9°45	n.a.	S 12
M13	0 42 12	9°15'27	28°54	27°32	13°48	19°15	0°45	18°44	12°37	29° 4	27°40	25°55	24°48	9°51	n.a.	M13
T 14	0 46 9	10°16'18	13♍45	26°55	15° 1	19° 0	0°56	18°40	12°36	29° 5	27°41	25°49	24°45	9°58	n.a.	T 14
W15	0 50 5	11°17'11	28°56	26°29	16°15	18°46	1° 8	18°35	12°35	29° 7	27°41	25°40	24°42	10° 5	n.a.	W15
T 16	0 54 2	12°18'05	14♎17	26°16	17°28	18°33	1°19	18°31	12°34	29° 9	27°42	25°29	24°39	10°12	n.a.	T 16
F 17	0 57 58	13°19'00	29°37	26°D13	18°41	18°21	1°31	18°27	12°33	29°11	27°43	25°18	24°35	10°18	n.a.	F 17
S 18	1 1 55	14°19'56	14♏43	26°21	19°54	18°10	1°42	18°23	12°32	29°12	27°43	25° 7	24°32	10°25	n.a.	S 18
S 19	1 5 51	15°20'54	29°27	26°40	21° 8	17°59	1°54	18°19	12°32	29°14	27°44	24°58	24°29	10°32	n.a.	S 19
M20	1 9 48	16°21'53	13♐43	27° 7	22°21	17°49	2° 6	18°14	12°31	29°16	27°45	24°52	24°26	10°38	n.a.	M20
T 21	1 13 45	17°22'53	27°28	27°43	23°34	17°40	2°18	18°11	12°30	29°17	27°46	24°49	24°23	10°45	n.a.	T 21
W22	1 17 41	18°23'54	10♑44	28°25	24°47	17°32	2°29	18° 7	12°30	29°19	27°47	24°48	24°19	10°52	n.a.	W22
T 23	1 21 38	19°24'55	23°35	29°15	26° 0	17°25	2°41	18° 3	12°29	29°21	27°47	24°48	24°16	10°59	n.a.	T 23
F 24	1 25 34	20°25'58	6♒ 5	0♎10	27°13	17°18	2°54	17°59	12°29	29°22	27°48	24°48	24°13	11° 5	n.a.	F 24
S 25	1 29 31	21°27'01	18°19	1°10	28°26	17°13	3° 6	17°55	12°28	29°24	27°49	24°46	24°10	11°12	n.a.	S 25
S 26	1 33 27	22°28'05	0♓22	2°15	29°39	17° 8	3°18	17°52	12°28	29°25	27°50	24°42	24° 7	11°19	n.a.	S 26
M27	1 37 24	23°29'10	12°18	3°23	0♐51	17° 4	3°30	17°48	12°27	29°27	27°51	24°35	24° 4	11°26	n.a.	M27
T 28	1 41 21	24°30'15	24°10	4°34	2° 4	17° 1	3°43	17°45	12°27	29°28	27°52	24°25	24° 0	11°32	n.a.	T 28
W29	1 45 17	25°31'22	6♈ 2	5°49	3°17	16°59	3°55	17°42	12°27	29°30	27°53	24°12	23°57	11°39	n.a.	W29
T 30	1 49 14	26°32'29	17°54	7° 5	4°30	16°57	4° 8	17°38	12°27	29°31	27°54	23°57	23°54	11°46	n.a.	T 30
F 31	1 53 10	27♎33'37	29♈49	8♎24	5♐42	16°D56	4♐20	17♓35	12♒27	29♑32	27♐55	23♋42	23♋51	11♈52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n10	5s 9	4s23	6s27	2s16	12s 6	0s49	5s22	2s45	20s11	0n 0	6s49	2s54	17s59	0s48	13n35	1n33	30s18	6s29	21n 5	21n24	1s 5			n.a.
T 2	0 45	0 45	4 48	5 57	2 3	12 35	0 52	5 27	2 41	20 13	0s 0	6 51	2 54	18 0	0 48	13 34	1 33	30 18	6 29	21 8	21 25	1 3			n.a.
F 3	0 21	3n39	5 1	5 21	1 48	13 4	0 55	5 33	2 38	20 16	0 0	6 52	2 54	18 0	0 48	13 33	1 33	30 18	6 29	21 10	21 25	1 0			n.a.
S 4	0s 4	7 57	5 1	4 40	1 32	13 32	0 58	5 38	2 34	20 18	0 0	6 54	2 54	18 1	0 48	13 33	1 33	30 18	6 29	21 13	21 26	0 58			n.a.
S 5	0 28	11 57	4 47	3 55	1 13	14 1	1 0	5 42	2 31	20 21	0 0	6 56	2 54	18 1	0 48	13 32	1 33	30 17	6 29	21 15	21 27	0 55			n.a.
M 6	0 53	15 32	4 21	3 7	0 54	14 28	1 3	5 47	2 27	20 23	0 1	6 58	2 53	18 1	0 48	13 31	1 33	30 17	6 29	21 16	21 27	0 53			n.a.
T 7	1 17	18 30	3 43	2 16	0 34	14 56	1 6	5 51	2 24	20 25	0 1	7 0	2 53	18 2	0 48	13 31	1 33	30 17	6 29	21 17	21 28	0 50			n.a.
W 8	1 42	20 40	2 53	1 25	0 13	15 23	1 9	5 55	2 20	20 28	0 1	7 2	2 53	18 2	0 48	13 30	1 33	30 17	6 28	21 18	21 28	0 48			n.a.
T 9	2 6	21 52	1 54	0 34	0n 7	15 50	1 11	5 59	2 17	20 30	0 1	7 3	2 53	18 2	0 48	13 29	1 33	30 17	6 28	21 18	21 29	0 45			n.a.
F 10	2 31	21 56	0 47	0n15	0 28	16 16	1 14	6 2	2 13	20 33	0 1	7 5	2 53	18 3	0 48	13 29	1 33	30 17	6 28	21 18	21 29	0 43			n.a.
S 11	2 55	20 45	0n24	0 59	0 47	16 42	1 17	6 6	2 9	20 35	0 1	7 7	2 53	18 3	0 47	13 28	1 33	30 17	6 28	21 18	21 30	0 41			n.a.
S 12	3 19	18 17	1 36	1 39	1 5	17 8	1 19	6 9	2 6	20 38	0 1	7 8	2 53	18 3	0 47	13 27	1 33	30 17	6 28	21 18	21 31	0 38			n.a.
M13	3 44	14 37	2 45	2 14	1 21	17 33	1 22	6 11	2 2	20 40	0 1	7 10	2 53	18 3	0 47	13 27	1 33	30 17	6 28	21 19	21 31	0 36			n.a.
T 14	4 8	9 56	3 44	2 42	1 35	17 57	1 25	6 14	1 59	20 43	0 2	7 12	2 53	18 4	0 47	13 26	1 34	30 17	6 28	21 20	21 32	0 33			n.a.
W15	4 32	4 32	4 29	3 4	1 48	18 21	1 27	6 16	1 55	20 45	0 2	7 13	2 53	18 4	0 47	13 26	1 34	30 17	6 28	21 22	21 32	0 31			n.a.
T 16	4 56	1s12	4 55	3 19	1 59	18 45	1 30	6 18	1 51	20 48	0 2	7 15	2 52	18 4	0 47	13 25	1 34	30 16	6 28	21 24	21 33	0 28			n.a.
F 17	5 20	6 51	5 0	3 28	2 7	19 8	1 32	6 20	1 48	20 50	0 2	7 17	2 52	18 4	0 47	13 25	1 34	30 16	6 28	21 26	21 34	0 26			n.a.
S 18	5 44	12 0	4 44	3 31	2 14	19 31	1 34	6 21	1 44	20 53	0 2	7 18	2 52	18 5	0 47	13 24	1 34	30 16	6 27	21 28	21 34	0 23			n.a.
S 19	6 8	16 19	4 9	3 29	2 20	19 53	1 37	6 22	1 41	20 55	0 2	7 20	2 52	18 5	0 47	13 23	1 34	30 16	6 27	21 29	21 35	0 21			n.a.
M20	6 32	19 32	3 19	3 21	2 24	20 15	1 39	6 23	1 37	20 58	0 2	7 21	2 52	18 5	0 47	13 23	1 34	30 16	6 27	21 30	21 35	0 18			n.a.
T 21	6 56	21 29	2 19	3 9	2 26	20 36	1 41	6 23	1 34	21 0	0 2	7 22	2 52	18 5	0 47	13 22	1 34	30 16	6 27	21 31	21 36	0 16			n.a.
W22	7 20	22 10	1 14	2 53	2 27	20 57	1 43	6 23	1 30	21 3	0 2	7 24	2 51	18 5	0 47	13 22	1 34	30 16	6 27	21 31	21 36	0 13			n.a.
T 23	7 43	21 38	0 6	2 33	2 27	21 17	1 46	6 23	1 27	21 5	0 3	7 25	2 51	18 5	0 47	13 21	1 34	30 16	6 27	21 31	21 37	0 11			n.a.
F 24	8 7	20 1	0s59	2 10	2 27	21 36	1 48	6 22	1 24	21 8	0 3	7 27	2 51	18 5	0 47	13 21	1 34	30 16	6 27	21 31	21 38	0 9			n.a.
S 25	8 30	17 30	2 1	1 44	2 25	21 55	1 50	6 22	1 20	21 10	0 3	7 28	2 51	18 6	0 47	13 20	1 34	30 16	6 27	21 32	21 38	0 6			n.a.
S 26	8 53	14 16	2 56	1 16	2 22	22 13	1 52	6 21	1 17	21 13	0 3	7 29	2 51	18 6	0 47	13 20	1 34	30 16	6 27	21 32	21 39	0 4			n.a.
M27	9 16	10 28	3 43	0 45	2 19	22 31	1 53	6 19	1 14	21 15	0 3	7 30	2 51	18 6	0 47	13 19	1 34	30 16	6 27	21 34	21 39	0 1			n.a.
T 28	9 39	6 18	4 19	0 13	2 15	22 48	1 55	6 17	1 11	21 18	0 3	7 31	2 50	18 6	0 47	13 19	1 34	30 15	6 27	21 35	21 40	0n 1			n.a.
W29	10 2	1 55	4 44	0s21	2 11	23 4	1 57	6 16	1 8	21 20	0 3	7 33	2 50	18 6	0 47	13 18	1 34	30 15	6 26	21 38	21 40	0 4			n.a.
T 30	10 24	2n34	4 57	0 56	2 6	23 20	1 59	6 13	1 4	21 23	0 3	7 34	2 50	18 6	0 47	13 18	1 34	30 15	6 26	21 40	21 41	0 6			n.a.
F 31	10s47	6n58	4s57	1s32	2n 1	23s35	2s 0	6s11	1s 1	21s25	0s 3	7s35	2s50	18s 6	0s47	13n17	1n34	30s15	6s26	21n43	21n41	0n 9			n.a.

Julian Day Number = 1289240.5, Delta T = 08h00m47s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'27, Lahiri = -20°17'27 Julian Calendar 1 Oct. 1184 BCE == Greg. Calendar 20 Sept. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

NOVEMBER 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 7	28♎34'46	11♉48	9♎45	6♐55	16♓56	4♐33	17°R32	12°R27	29♑34	27♐56	23°R28	23♋48	11♈59	n.a.	S 1
S 2	2 1 3	29°35'55	23°52	11° 7	8° 7	16°57	4°46	17♓29	12°D26	29°35	27°57	23♋15	23°45	12° 6	n.a.	S 2
M 3	2 5 0	0♏37'06	6♊ 2	12°31	9°20	16°59	4°59	17°26	12♒27	29°36	27°58	23° 4	23°41	12°13	n.a.	M 3
T 4	2 8 56	1°38'18	18°20	13°56	10°32	17° 1	5°11	17°23	12°27	29°38	27°59	22°57	23°38	12°19	n.a.	T 4
W 5	2 12 53	2°39'30	0♋48	15°21	11°44	17° 4	5°24	17°21	12°27	29°39	28° 1	22°53	23°35	12°26	n.a.	W 5
T 6	2 16 50	3°40'43	13°31	16°48	12°57	17° 8	5°37	17°18	12°27	29°40	28° 2	22°51	23°32	12°33	n.a.	T 6
F 7	2 20 46	4°41'58	26°30	18°15	14° 9	17°13	5°50	17°16	12°27	29°41	28° 3	22°D51	23°29	12°39	n.a.	F 7
S 8	2 24 43	5°43'13	9♌50	19°43	15°21	17°18	6° 3	17°13	12°27	29°42	28° 4	22°R51	23°25	12°46	n.a.	S 8
S 9	2 28 39	6°44'29	23°34	21°12	16°33	17°24	6°17	17°11	12°28	29°44	28° 6	22°50	23°22	12°53	n.a.	S 9
M10	2 32 36	7°45'45	7♍44	22°41	17°45	17°31	6°30	17° 9	12°28	29°45	28° 7	22°47	23°19	13° 0	n.a.	M10
T 11	2 36 32	8°47'03	22°18	24°10	18°57	17°38	6°43	17° 7	12°28	29°46	28° 8	22°41	23°16	13° 6	n.a.	T 11
W12	2 40 29	9°48'21	7♎13	25°40	20° 9	17°46	6°56	17° 5	12°29	29°47	28° 9	22°32	23°13	13°13	n.a.	W12
T 13	2 44 25	10°49'39	22°22	27°11	21°21	17°55	7°10	17° 3	12°29	29°48	28°11	22°22	23°10	13°20	n.a.	T 13
F 14	2 48 22	11°50'58	7♏35	28°41	22°33	18° 4	7°23	17° 1	12°30	29°49	28°12	22°11	23° 6	13°27	n.a.	F 14
S 15	2 52 19	12°52'17	22°40	0♏12	23°44	18°14	7°37	16°59	12°31	29°50	28°13	22° 0	23° 3	13°33	n.a.	S 15
S 16	2 56 15	13°53'37	7♐28	1°43	24°56	18°25	7°50	16°58	12°31	29°51	28°15	21°52	23° 0	13°40	n.a.	S 16
M17	3 0 12	14°54'56	21°51	3°15	26° 7	18°36	8° 4	16°56	12°32	29°52	28°16	21°46	22°57	13°47	n.a.	M17
T 18	3 4 8	15°56'16	5♑46	4°47	27°19	18°48	8°17	16°55	12°33	29°52	28°18	21°42	22°54	13°53	n.a.	T 18
W19	3 8 5	16°57'35	19°11	6°19	28°30	19° 1	8°31	16°54	12°34	29°53	28°19	21°D41	22°50	14° 0	n.a.	W19
T 20	3 12 1	17°58'55	2♒ 8	7°51	29°42	19°14	8°45	16°52	12°35	29°54	28°21	21°41	22°47	14° 7	n.a.	T 20
F 21	3 15 58	19° 0'14	14°43	9°24	0♑53	19°27	8°58	16°51	12°36	29°55	28°22	21°R42	22°44	14°14	n.a.	F 21
S 22	3 19 55	20° 1'32	26°59	10°57	2° 4	19°42	9°12	16°51	12°37	29°55	28°24	21°42	22°41	14°20	n.a.	S 22
S 23	3 23 51	21° 2'51	9♓ 2	12°30	3°15	19°56	9°26	16°50	12°38	29°56	28°25	21°40	22°38	14°27	n.a.	S 23
M24	3 27 48	22° 4'09	20°56	14° 4	4°26	20°12	9°40	16°49	12°39	29°57	28°27	21°35	22°35	14°34	n.a.	M24
T 25	3 31 44	23° 5'26	2♈47	15°38	5°36	20°27	9°53	16°49	12°40	29°57	28°28	21°29	22°31	14°40	n.a.	T 25
W26	3 35 41	24° 6'43	14°38	17°12	6°47	20°44	10° 7	16°48	12°41	29°58	28°30	21°20	22°28	14°47	n.a.	W26
T 27	3 39 37	25° 8'00	26°33	18°46	7°57	21° 0	10°21	16°48	12°42	29°59	28°31	21° 9	22°25	14°54	n.a.	T 27
F 28	3 43 34	26° 9'16	8♉33	20°21	9° 8	21°18	10°35	16°48	12°44	29°59	28°33	20°58	22°22	15° 1	n.a.	F 28
S 29	3 47 30	27°10'32	20°39	21°57	10°18	21°35	10°49	16°D47	12°45	29°59	28°35	20°47	22°19	15° 7	n.a.	S 29
S 30	3 51 27	28♏11'48	2♊54	23♏32	11♑28	21♓53	11♐ 3	16♓47	12♒46	29♑59	28♐36	20♋37	22♋16	15♈14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 9	11n 7	4s44	2s10	1n55	23s49	2s 2	6s 8	0s58	21s28	0s 4	7s36	2s49	18s 6	0s47	13n17	1n34	30s15	6s26	21n46	21n42	0n11		n.a.
S 2	11 31	14 53	4 18	2 48	1 49	24 3	2 3	6 5	0 55	21 30	0 4	7 37	2 49	18 6	0 47	13 17	1 34	30 15	6 26	21 48	21 43	0 14		n.a.
M 3	11 53	18 3	3 40	3 26	1 43	24 16	2 5	6 2	0 53	21 32	0 4	7 38	2 49	18 6	0 47	13 16	1 34	30 15	6 26	21 50	21 43	0 16		n.a.
T 4	12 14	20 28	2 51	4 6	1 37	24 28	2 6	5 58	0 50	21 35	0 4	7 39	2 49	18 6	0 47	13 16	1 35	30 15	6 26	21 51	21 44	0 19		n.a.
W 5	12 36	21 56	1 54	4 45	1 31	24 40	2 7	5 54	0 47	21 37	0 4	7 39	2 49	18 6	0 47	13 15	1 35	30 15	6 26	21 51	21 44	0 21		n.a.
T 6	12 57	22 19	0 49	5 25	1 24	24 51	2 8	5 50	0 44	21 40	0 4	7 40	2 48	18 5	0 47	13 15	1 35	30 15	6 26	21 52	21 45	0 24		n.a.
F 7	13 18	21 31	0n19	6 5	1 17	25 1	2 9	5 46	0 42	21 42	0 4	7 41	2 48	18 5	0 46	13 15	1 35	30 15	6 26	21 52	21 45	0 26		n.a.
S 8	13 39	19 30	1 29	6 45	1 10	25 10	2 10	5 42	0 39	21 45	0 4	7 42	2 48	18 5	0 46	13 14	1 35	30 15	6 26	21 52	21 46	0 29		n.a.
S 9	13 59	16 19	2 35	7 25	1 4	25 19	2 11	5 37	0 36	21 47	0 4	7 42	2 48	18 5	0 46	13 14	1 35	30 15	6 26	21 52	21 46	0 31		n.a.
M10	14 20	12 6	3 34	8 5	0 57	25 27	2 12	5 32	0 34	21 50	0 5	7 43	2 47	18 5	0 46	13 13	1 35	30 15	6 25	21 52	21 47	0 34		n.a.
T 11	14 40	7 5	4 21	8 45	0 50	25 34	2 13	5 27	0 31	21 52	0 5	7 44	2 47	18 5	0 46	13 13	1 35	30 15	6 25	21 53	21 48	0 36		n.a.
W12	15 0	1 32	4 51	9 25	0 43	25 41	2 13	5 21	0 29	21 54	0 5	7 44	2 47	18 5	0 46	13 13	1 35	30 15	6 25	21 55	21 48	0 39		n.a.
T 13	15 19	4s11	5 1	10 5	0 36	25 46	2 14	5 15	0 26	21 57	0 5	7 45	2 47	18 4	0 46	13 13	1 35	30 15	6 25	21 57	21 49	0 41		n.a.
F 14	15 38	9 41	4 51	10 44	0 29	25 51	2 14	5 9	0 24	21 59	0 5	7 45	2 46	18 4	0 46	13 12	1 35	30 15	6 25	21 58	21 49	0 44		n.a.
S 15	15 57	14 33	4 20	11 24	0 22	25 55	2 14	5 3	0 22	22 1	0 5	7 46	2 46	18 4	0 46	13 12	1 35	30 14	6 25	22 0	21 50	0 46		n.a.
S 16	16 16	18 26	3 32	12 2	0 15	25 59	2 15	4 57	0 19	22 4	0 5	7 46	2 46	18 4	0 46	13 12	1 35	30 14	6 25	22 2	21 50	0 49		n.a.
M17	16 35	21 4	2 32	12 41	0 8	26 1	2 15	4 51	0 17	22 6	0 5	7 46	2 45	18 4	0 46	13 11	1 35	30 14	6 25	22 3	21 51	0 51		n.a.
T 18	16 53	22 19	1 24	13 19	0 1	26 3	2 15	4 44	0 15	22 8	0 5	7 47	2 45	18 3	0 46	13 11	1 35	30 14	6 25	22 3	21 51	0 54		n.a.
W19	17 11	22 13	0 13	13 56	0s 6	26 4	2 15	4 37	0 13	22 11	0 5	7 47	2 45	18 3	0 46	13 11	1 35	30 14	6 25	22 3	21 52	0 56		n.a.
T 20	17 28	20 55	0s55	14 33	0 13	26 5	2 15	4 30	0 11	22 13	0 6	7 47	2 45	18 3	0 46	13 11	1 35	30 14	6 25	22 3	21 52	0 59		n.a.
F 21	17 45	18 35	2 0	15 10	0 19	26 4	2 14	4 22	0 9	22 15	0 6	7 47	2 44	18 2	0 46	13 10	1 36	30 14	6 25	22 3	21 53	1 1		n.a.
S 22	18 2	15 29	2 57	15 46	0 26	26 3	2 14	4 15	0 7	22 17	0 6	7 47	2 44	18 2	0 46	13 10	1 36	30 14	6 25	22 3	21 53	1 4		n.a.
S 23	18 19	11 46	3 45	16 21	0 32	26 1	2 13	4 7	0 5	22 20	0 6	7 47	2 44	18 2	0 46	13 10	1 36	30 14	6 25	22 4	21 54	1 6		n.a.
M24	18 35	7 39	4 22	16 56	0 38	25 58	2 13	3 59	0 3	22 22	0 6	7 47	2 44	18 1	0 46	13 10	1 36	30 14	6 25	22 4	21 55	1 9		n.a.
T 25	18 51	3 16	4 49	17 30	0 45	25 55	2 12	3 51	0 1	22 24	0 6	7 47	2 43	18 1	0 46	13 10	1 36	30 14	6 25	22 5	21 55	1 11		n.a.
W26	19 7	1n14	5 2	18 3	0 51	25 51	2 11	3 43	0n 1	22 26	0 6	7 47	2 43	18 1	0 46	13 10	1 36	30 14	6 25	22 7	21 56	1 14		n.a.
T 27	19 22	5 42	5 3	18 36	0 56	25 46	2 10	3 35	0 3	22 28	0 6	7 47	2 43	18 0	0 46	13 9	1 36	30 14	6 25	22 8	21 56	1 16		n.a.
F 28	19 37	10 0	4 50	19 7	1 2	25 40	2 9	3 26	0 4	22 31	0 6	7 47	2 42	18 0	0 46	13 9	1 36	30 14	6 25	22 10	21 57	1 19		n.a.
S 29	19 51	13 58	4 25	19 38	1 8	25 33	2 8	3 18	0 6	22 33	0 7	7 47	2 42	17 59	0 46	13 9	1 36	30 14	6 25	22 12	21 57	1 21		n.a.
S 30	20s 5	17n23	3s46	20s 8	1s13	25s26	2s 7	3s 9	0n 8	22s35	0s 7	7s46	2s42	17s59	0s46	13n 9	1n36	30s14	6s25	22n13	21n58	1n24		n.a.

Julian Day Number = 1289271.5, Delta T = 08h00m45s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'23, Lahiri = -20°17'23 Julian Calendar 1 Nov. 1184 BCE == Greg. Calendar 21 Oct. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1184 BCE
geocentric

DECEMBER 1184 BCE (-1183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 55 24	29♏13'03	15♊18	25♏ 8	12♑38	22♓12	11♐17	16♓48	12♒48	0♍ 0	28♐38	20°R29	22♋12	15♈21	n.a.	M 1
T 2	3 59 20	0♐14'19	27°51	26°45	13°48	22°31	11°31	16°48	12°49	0° 1	28°39	20♋24	22° 9	15°28	n.a.	T 2
W 3	4 3 17	1°15'33	10♋35	28°22	14°58	22°50	11°45	16°48	12°51	0° 1	28°41	20°22	22° 6	15°34	n.a.	W 3
T 4	4 7 13	2°16'48	23°30	29°59	16° 7	23°10	11°59	16°49	12°52	0° 1	28°43	20°D21	22° 3	15°41	n.a.	T 4
F 5	4 11 10	3°18'02	6♌39	1♐37	17°17	23°30	12°13	16°49	12°54	0° 2	28°44	20°22	22° 0	15°48	n.a.	F 5
S 6	4 15 6	4°19'16	20° 3	3°15	18°26	23°51	12°27	16°50	12°56	0° 2	28°46	20°24	21°56	15°54	n.a.	S 6
S 7	4 19 3	5°20'29	3♍44	4°54	19°35	24°12	12°41	16°51	12°57	0° 2	28°48	20°R24	21°53	16° 1	n.a.	S 7
M 8	4 23 0	6°21'42	17°42	6°33	20°44	24°33	12°55	16°52	12°59	0° 2	28°50	20°24	21°50	16° 8	n.a.	M 8
T 9	4 26 56	7°22'55	1♎59	8°13	21°53	24°55	13°10	16°53	13° 1	0° 2	28°51	20°21	21°47	16°15	n.a.	T 9
W10	4 30 53	8°24'07	16°32	9°53	23° 1	25°17	13°24	16°54	13° 3	0° 3	28°53	20°17	21°44	16°21	n.a.	W10
T 11	4 34 49	9°25'19	1♏15	11°34	24°10	25°39	13°38	16°55	13° 5	0° 3	28°55	20°11	21°41	16°28	n.a.	T 11
F 12	4 38 46	10°26'30	16° 3	13°15	25°18	26° 2	13°52	16°57	13° 6	0°R 3	28°57	20° 5	21°37	16°35	n.a.	F 12
S 13	4 42 42	11°27'40	0♐48	14°57	26°26	26°25	14° 6	16°58	13° 8	0° 3	28°58	19°58	21°34	16°42	n.a.	S 13
S 14	4 46 39	12°28'50	15°22	16°40	27°34	26°48	14°20	17° 0	13°10	0° 3	29° 0	19°53	21°31	16°48	n.a.	S 14
M15	4 50 35	13°29'58	29°37	18°23	28°42	27°12	14°34	17° 1	13°13	0° 3	29° 2	19°50	21°28	16°55	n.a.	M15
T 16	4 54 32	14°31'06	13♑30	20° 6	29°49	27°36	14°49	17° 3	13°15	0° 2	29° 4	19°D48	21°25	17° 2	n.a.	T 16
W17	4 58 29	15°32'13	26°58	21°50	0♒57	28° 0	15° 3	17° 5	13°17	0° 2	29° 5	19°48	21°22	17° 8	n.a.	W17
T 18	5 2 25	16°33'18	10♒ 1	23°34	2° 4	28°25	15°17	17° 7	13°19	0° 2	29° 7	19°49	21°18	17°15	n.a.	T 18
F 19	5 6 22	17°34'22	22°41	25°18	3°11	28°50	15°31	17° 9	13°21	0° 2	29° 9	19°51	21°15	17°22	n.a.	F 19
S 20	5 10 18	18°35'24	5♓ 2	27° 3	4°17	29°15	15°45	17°12	13°23	0° 2	29°11	19°53	21°12	17°29	n.a.	S 20
S 21	5 14 15	19°36'25	17° 9	28°48	5°24	29°41	16° 0	17°14	13°26	0° 1	29°13	19°R54	21° 9	17°35	n.a.	S 21
M22	5 18 11	20°37'25	29° 6	0♑33	6°30	0♈ 6	16°14	17°17	13°28	0° 1	29°15	19°53	21° 6	17°42	n.a.	M22
T 23	5 22 8	21°38'23	10♈58	2°18	7°36	0°32	16°28	17°19	13°30	0° 1	29°16	19°51	21° 2	17°49	n.a.	T 23
W24	5 26 4	22°39'20	22°50	4° 3	8°41	0°58	16°42	17°22	13°33	0° 0	29°18	19°48	20°59	17°56	n.a.	W24
T 25	5 30 1	23°40'15	4♉46	5°47	9°47	1°25	16°56	17°25	13°35	29♌59	29°20	19°45	20°56	18° 2	n.a.	T 25
F 26	5 33 58	24°41'08	16°50	7°30	10°52	1°52	17°10	17°28	13°38	29°59	29°22	19°40	20°53	18° 9	n.a.	F 26
S 27	5 37 54	25°42'00	29° 4	9°13	11°57	2°18	17°24	17°31	13°40	29°59	29°24	19°36	20°50	18°16	n.a.	S 27
S 28	5 41 51	26°42'51	11♊30	10°55	13° 1	2°46	17°38	17°34	13°43	29°59	29°26	19°32	20°47	18°22	n.a.	S 28
M29	5 45 47	27°43'40	24° 9	12°35	14° 5	3°13	17°53	17°37	13°45	29°58	29°27	19°29	20°43	18°29	n.a.	M29
T 30	5 49 44	28°44'28	7♋ 1	14°13	15° 9	3°40	18° 7	17°40	13°48	29°57	29°29	19°28	20°40	18°36	n.a.	T 30
W31	5 53 40	29♐45'15	20♋ 7	15♑48	16♒12	4♈ 8	18♐21	17♓44	13♒51	29♌57	29♐31	19°D27	20♋37	18♈43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20s19	20n 5	2s57	20s37	1s18	25s18	2s 6	3s 0	0n 9	22s37	0s 7	7s46	2s42	17s59	0s46	13n 9	1n36	30s14	6s25	22n15	21n58	1n26			n.a.
T 2	20 32	21 51	1 58	21 6	1 23	25 10	2 4	2 51	0 11	22 39	0 7	7 46	2 41	17 58	0 46	13 9	1 36	30 14	6 25	22 15	21 59	1 29			n.a.
W 3	20 45	22 32	0 52	21 33	1 28	25 0	2 2	2 42	0 13	22 41	0 7	7 45	2 41	17 58	0 46	13 9	1 36	30 14	6 25	22 16	21 59	1 31			n.a.
T 4	20 58	22 2	0n17	21 59	1 32	24 50	2 1	2 32	0 14	22 43	0 7	7 45	2 41	17 57	0 45	13 9	1 36	30 14	6 25	22 16	22 0	1 34			n.a.
F 5	21 10	20 19	1 27	22 24	1 36	24 40	1 59	2 23	0 16	22 45	0 7	7 44	2 40	17 57	0 45	13 9	1 36	30 14	6 25	22 16	22 0	1 36			n.a.
S 6	21 21	17 28	2 33	22 47	1 40	24 28	1 57	2 13	0 17	22 47	0 7	7 44	2 40	17 56	0 45	13 9	1 36	30 14	6 25	22 15	22 1	1 39			n.a.
S 7	21 33	13 36	3 33	23 10	1 44	24 16	1 55	2 3	0 19	22 49	0 7	7 43	2 40	17 56	0 45	13 9	1 37	30 14	6 25	22 15	22 1	1 41			n.a.
M 8	21 44	8 55	4 21	23 31	1 47	24 3	1 53	1 54	0 20	22 51	0 8	7 43	2 39	17 55	0 45	13 9	1 37	30 14	6 25	22 15	22 2	1 44			n.a.
T 9	21 54	3 40	4 54	23 51	1 50	23 50	1 50	1 44	0 21	22 53	0 8	7 42	2 39	17 55	0 45	13 9	1 37	30 14	6 25	22 16	22 2	1 46			n.a.
W10	22 4	1s52	5 9	24 10	1 53	23 36	1 48	1 33	0 23	22 55	0 8	7 41	2 39	17 54	0 45	13 9	1 37	30 14	6 25	22 16	22 3	1 49			n.a.
T 11	22 14	7 22	5 4	24 27	1 55	23 22	1 45	1 23	0 24	22 57	0 8	7 40	2 39	17 53	0 45	13 9	1 37	30 14	6 25	22 17	22 3	1 51			n.a.
F 12	22 23	12 29	4 38	24 42	1 57	23 6	1 42	1 13	0 25	22 58	0 8	7 40	2 38	17 53	0 45	13 9	1 37	30 14	6 25	22 18	22 4	1 54			n.a.
S 13	22 32	16 50	3 55	24 56	1 59	22 51	1 40	1 2	0 27	23 0	0 8	7 39	2 38	17 52	0 45	13 9	1 37	30 14	6 25	22 19	22 4	1 56			n.a.
S 14	22 40	20 6	2 56	25 9	2 0	22 34	1 37	0 52	0 28	23 2	0 8	7 38	2 38	17 52	0 45	13 9	1 37	30 14	6 25	22 20	22 5	1 59			n.a.
M15	22 48	22 2	1 48	25 20	2 1	22 17	1 34	0 41	0 29	23 4	0 8	7 37	2 37	17 51	0 45	13 9	1 37	30 14	6 25	22 21	22 5	2 1			n.a.
T 16	22 55	22 34	0 34	25 29	2 2	22 0	1 31	0 30	0 30	23 6	0 8	7 36	2 37	17 50	0 45	13 9	1 37	30 15	6 25	22 21	22 6	2 4			n.a.
W17	23 2	21 45	0s39	25 36	2 2	21 42	1 27	0 19	0 32	23 7	0 9	7 35	2 37	17 50	0 45	13 9	1 37	30 15	6 25	22 21	22 6	2 7			n.a.
T 18	23 9	19 46	1 48	25 41	2 1	21 23	1 24	0 8	0 33	23 9	0 9	7 34	2 37	17 49	0 45	13 9	1 37	30 15	6 25	22 21	22 7	2 9			n.a.
F 19	23 15	16 51	2 50	25 45	2 0	21 4	1 20	0n 3	0 34	23 11	0 9	7 33	2 36	17 48	0 45	13 10	1 37	30 15	6 25	22 20	22 7	2 12			n.a.
S 20	23 20	13 15	3 42	25 46	1 58	20 44	1 17	0 14	0 35	23 12	0 9	7 31	2 36	17 48	0 45	13 10	1 37	30 15	6 25	22 20	22 8	2 14			n.a.
S 21	23 25	9 11	4 24	25 46	1 56	20 24	1 13	0 25	0 36	23 14	0 9	7 30	2 36	17 47	0 45	13 10	1 37	30 15	6 25	22 20	22 8	2 17			n.a.
M22	23 30	4 50	4 53	25 43	1 53	20 4	1 9	0 36	0 37	23 16	0 9	7 29	2 35	17 46	0 45	13 10	1 37	30 15	6 25	22 20	22 9	2 19			n.a.
T 23	23 34	0 19	5 9	25 39	1 50	19 43	1 5	0 48	0 38	23 17	0 9	7 28	2 35	17 46	0 45	13 10	1 38	30 15	6 25	22 20	22 9	2 22			n.a.
W24	23 38	4n11	5 13	25 32	1 46	19 22	1 1	0 59	0 39	23 19	0 9	7 26	2 35	17 45	0 45	13 10	1 38	30 15	6 25	22 21	22 10	2 24			n.a.
T 25	23 41	8 35	5 3	25 23	1 41	19 0	0 56	1 11	0 40	23 20	0 9	7 25	2 35	17 44	0 45	13 11	1 38	30 15	6 25	22 21	22 10	2 27			n.a.
F 26	23 44	12 41	4 39	25 12	1 35	18 38	0 52	1 23	0 41	23 22	0 10	7 24	2 34	17 43	0 45	13 11	1 38	30 15	6 25	22 22	22 11	2 29			n.a.
S 27	23 46	16 20	4 2	24 59	1 29	18 15	0 47	1 34	0 42	23 23	0 10	7 22	2 34	17 43	0 45	13 11	1 38	30 15	6 25	22 23	22 11	2 32			n.a.
S 28	23 48	19 20	3 14	24 44	1 22	17 52	0 43	1 46	0 43	23 25	0 10	7 21	2 34	17 42	0 45	13 11	1 38	30 15	6 25	22 23	22 12	2 34			n.a.
M29	23 49	21 27	2 15	24 27	1 14	17 29	0 38	1 58	0 44	23 26	0 10	7 19	2 33	17 41	0 45	13 12	1 38	30 15	6 25	22 24	22 12	2 37			n.a.
T 30	23 50	22 31	1 8	24 9	1 5	17 5	0 33	2 10	0 45	23 28	0 10	7 18	2 33	17 40	0 45	13 12	1 38	30 15	6 25	22 24	22 13	2 39			n.a.
W31	23s50	22n22	0n 4	23s48	0s56	16s41	0s28	2n22	0n45	23s29	0s10	7s16	2s33	17s39	0s45	13n12	1n38	30s15	6s25	22n24	22n13	2n42			n.a.

Julian Day Number = 1289301.5, Delta T = 08h00m44s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'19, Lahiri = -20°17'19 Julian Calendar 1 Dec. 1184 BCE == Greg. Calendar 20 Nov. 1184 BCE

The year -1183 astronomical counting style corresponds to year 1184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

JANUARY 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 37	0♉45'59	3♌26	17♉21	17♒16	4♈36	18♐35	17♓47	13♒53	29°R56	29♐33	19♋28	20♋34	18♈49	n.a.	T 1
F 2	6 1 34	1°46'43	16°56	18°50	18°18	5° 4	18°49	17°51	13°56	29♌56	29°35	19°29	20°31	18°56	n.a.	F 2
S 3	6 5 30	2°47'25	0♍38	20°14	19°21	5°33	19° 3	17°55	13°59	29°55	29°37	19°30	20°28	19° 3	n.a.	S 3
S 4	6 9 27	3°48'06	14°30	21°34	20°23	6° 1	19°17	17°58	14° 2	29°54	29°38	19°31	20°24	19° 9	n.a.	S 4
M 5	6 13 23	4°48'45	28°32	22°49	21°24	6°30	19°31	18° 2	14° 4	29°53	29°40	19°R32	20°21	19°16	n.a.	M 5
T 6	6 17 20	5°49'23	12♎42	23°57	22°26	6°59	19°45	18° 6	14° 7	29°53	29°42	19°32	20°18	19°23	n.a.	T 6
W 7	6 21 16	6°50'00	26°58	24°59	23°27	7°28	19°58	18°10	14°10	29°52	29°44	19°31	20°15	19°30	n.a.	W 7
T 8	6 25 13	7°50'36	11♏17	25°52	24°27	7°57	20°12	18°15	14°13	29°51	29°46	19°30	20°12	19°36	n.a.	T 8
F 9	6 29 9	8°51'10	25°36	26°38	25°27	8°26	20°26	18°19	14°16	29°50	29°48	19°29	20° 8	19°43	n.a.	F 9
S 10	6 33 6	9°51'42	9♐51	27°14	26°27	8°56	20°40	18°23	14°19	29°49	29°49	19°27	20° 5	19°50	n.a.	S 10
S 11	6 37 3	10°52'13	23°57	27°41	27°26	9°26	20°54	18°28	14°22	29°48	29°51	19°26	20° 2	19°57	n.a.	S 11
M12	6 40 59	11°52'42	7♉50	27°58	28°24	9°55	21° 8	18°32	14°25	29°47	29°53	19°26	19°59	20° 3	n.a.	M12
T 13	6 44 56	12°53'10	21°26	28°R 6	29°22	10°25	21°21	18°37	14°28	29°46	29°55	19°D26	19°56	20°10	n.a.	T 13
W14	6 48 52	13°53'35	4♒45	28° 2	0♓20	10°56	21°35	18°42	14°31	29°45	29°57	19°26	19°53	20°17	n.a.	W14
T 15	6 52 49	14°53'59	17°43	27°49	1°17	11°26	21°49	18°46	14°34	29°44	29°58	19°26	19°49	20°23	n.a.	T 15
F 16	6 56 45	15°54'20	0♓24	27°27	2°13	11°56	22° 2	18°51	14°37	29°43	0♉ 0	19°27	19°46	20°30	n.a.	F 16
S 17	7 0 42	16°54'40	12°47	26°55	3° 9	12°27	22°16	18°56	14°40	29°42	0° 2	19°27	19°43	20°37	n.a.	S 17
S 18	7 4 38	17°54'57	24°56	26°14	4° 5	12°58	22°29	19° 1	14°43	29°41	0° 4	19°27	19°40	20°44	n.a.	S 18
M19	7 8 35	18°55'12	6♈56	25°27	4°59	13°29	22°43	19° 6	14°46	29°40	0° 6	19°27	19°37	20°50	n.a.	M19
T 20	7 12 32	19°55'24	18°49	24°34	5°53	14° 0	22°56	19°12	14°49	29°39	0° 7	19°27	19°34	20°57	n.a.	T 20
W21	7 16 28	20°55'35	0♉42	23°35	6°47	14°31	23° 9	19°17	14°53	29°38	0° 9	19°28	19°30	21° 4	n.a.	W21
T 22	7 20 25	21°55'43	12°39	22°34	7°39	15° 2	23°23	19°22	14°56	29°36	0°11	19°28	19°27	21°11	n.a.	T 22
F 23	7 24 21	22°55'49	24°43	21°31	8°31	15°33	23°36	19°28	14°59	29°35	0°12	19°28	19°24	21°17	n.a.	F 23
S 24	7 28 18	23°55'53	7♊ 0	20°29	9°22	16° 5	23°49	19°33	15° 2	29°34	0°14	19°28	19°21	21°24	n.a.	S 24
S 25	7 32 14	24°55'55	19°33	19°27	10°13	16°36	24° 3	19°39	15° 5	29°33	0°16	19°29	19°18	21°31	n.a.	S 25
M26	7 36 11	25°55'54	2♋23	18°28	11° 2	17° 8	24°16	19°44	15° 9	29°31	0°18	19°29	19°14	21°37	n.a.	M26
T 27	7 40 7	26°55'51	15°33	17°33	11°51	17°40	24°29	19°50	15°12	29°30	0°19	19°R30	19°11	21°44	n.a.	T 27
W28	7 44 4	27°55'47	29° 1	16°43	12°39	18°12	24°42	19°56	15°15	29°29	0°21	19°30	19° 8	21°51	n.a.	W28
T 29	7 48 1	28°55'40	12♌46	15°58	13°26	18°44	24°55	20° 2	15°19	29°27	0°23	19°29	19° 5	21°58	n.a.	T 29
F 30	7 51 57	29°55'30	26°45	15°19	14°12	19°16	25° 8	20° 8	15°22	29°26	0°24	19°28	19° 2	22° 4	n.a.	F 30
S 31	7 55 54	0♒55'19	10♍55	14♉46	14♓57	19♈48	25♐20	20♓14	15♒25	29♌25	0♉26	19♋27	18♋59	22♈11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s50	20n57	1n16	23 s26	0 s45	16 s17	0 s23	2n34	0n46	23 s30	0 s10	7 s14	2 s33	17 s39	0 s45	13n12	1n38	30 s15	6 s25	22n24	22n14	2n45			n.a.
F 2	23 49	18 20	2 26	23 3	0 34	15 52	0 18	2 46	0 47	23 32	0 10	7 13	2 32	17 38	0 45	13 13	1 38	30 16	6 26	22 24	22 14	2 47			n.a.
S 3	23 48	14 40	3 28	22 38	0 21	15 27	0 12	2 58	0 48	23 33	0 10	7 11	2 32	17 37	0 45	13 13	1 38	30 16	6 26	22 23	22 15	2 50			n.a.
S 4	23 47	10 10	4 19	22 13	0 8	15 2	0 7	3 10	0 49	23 34	0 11	7 9	2 32	17 36	0 45	13 13	1 38	30 16	6 26	22 23	22 15	2 52			n.a.
M 5	23 45	5 6	4 55	21 47	0n 6	14 37	0 1	3 23	0 50	23 35	0 11	7 7	2 32	17 35	0 45	13 14	1 38	30 16	6 26	22 23	22 16	2 55			n.a.
T 6	23 42	0 s17	5 14	21 20	0 20	14 11	0n 5	3 35	0 50	23 37	0 11	7 5	2 31	17 34	0 45	13 14	1 38	30 16	6 26	22 23	22 16	2 57			n.a.
W 7	23 39	5 41	5 14	20 54	0 36	13 46	0 11	3 47	0 51	23 38	0 11	7 4	2 31	17 34	0 45	13 14	1 38	30 16	6 26	22 23	22 17	3 0			n.a.
T 8	23 36	10 49	4 54	20 29	0 51	13 20	0 17	4 0	0 52	23 39	0 11	7 2	2 31	17 33	0 45	13 15	1 38	30 16	6 26	22 23	22 17	3 2			n.a.
F 9	23 32	15 20	4 16	20 4	1 8	12 54	0 23	4 12	0 53	23 40	0 11	7 0	2 30	17 32	0 44	13 15	1 39	30 16	6 26	22 24	22 18	3 5			n.a.
S 10	23 28	18 58	3 22	19 41	1 24	12 27	0 29	4 25	0 53	23 41	0 11	6 58	2 30	17 31	0 44	13 15	1 39	30 16	6 26	22 24	22 18	3 7			n.a.
S 11	23 23	21 25	2 17	19 19	1 41	12 1	0 35	4 37	0 54	23 42	0 11	6 56	2 30	17 30	0 44	13 16	1 39	30 16	6 26	22 24	22 19	3 10			n.a.
M12	23 18	22 32	1 4	18 59	1 58	11 34	0 42	4 50	0 55	23 43	0 12	6 54	2 30	17 29	0 44	13 16	1 39	30 16	6 26	22 24	22 19	3 13			n.a.
T 13	23 12	22 17	0 s11	18 41	2 15	11 8	0 48	5 2	0 55	23 44	0 12	6 52	2 29	17 28	0 44	13 16	1 39	30 17	6 27	22 24	22 20	3 15			n.a.
W14	23 6	20 45	1 24	18 26	2 31	10 41	0 55	5 15	0 56	23 45	0 12	6 50	2 29	17 27	0 44	13 17	1 39	30 17	6 27	22 24	22 20	3 18			n.a.
T 15	22 59	18 9	2 31	18 14	2 46	10 14	1 2	5 27	0 57	23 46	0 12	6 47	2 29	17 26	0 44	13 17	1 39	30 17	6 27	22 24	22 21	3 20			n.a.
F 16	22 52	14 45	3 28	18 4	3 0	9 47	1 9	5 40	0 57	23 47	0 12	6 45	2 29	17 25	0 44	13 18	1 39	30 17	6 27	22 24	22 21	3 23			n.a.
S 17	22 45	10 47	4 15	17 58	3 13	9 21	1 16	5 53	0 58	23 48	0 12	6 43	2 29	17 24	0 44	13 18	1 39	30 17	6 27	22 24	22 22	3 25			n.a.
S 18	22 37	6 27	4 49	17 54	3 25	8 54	1 23	6 6	0 58	23 49	0 12	6 41	2 28	17 24	0 44	13 19	1 39	30 17	6 27	22 24	22 22	3 28			n.a.
M19	22 28	1 56	5 10	17 53	3 35	8 27	1 30	6 18	0 59	23 50	0 12	6 39	2 28	17 23	0 44	13 19	1 39	30 17	6 27	22 24	22 22	3 30			n.a.
T 20	22 20	2n37	5 17	17 55	3 43	8 0	1 37	6 31	0 59	23 51	0 13	6 36	2 28	17 22	0 44	13 19	1 39	30 17	6 27	22 24	22 23	3 33			n.a.
W21	22 11	7 3	5 11	17 59	3 49	7 33	1 45	6 44	1 0	23 52	0 13	6 34	2 28	17 21	0 44	13 20	1 39	30 18	6 27	22 24	22 23	3 35			n.a.
T 22	22 1	11 16	4 52	18 5	3 53	7 6	1 52	6 57	1 1	23 53	0 13	6 32	2 27	17 20	0 44	13 20	1 39	30 18	6 28	22 24	22 24	3 38			n.a.
F 23	21 51	15 4	4 19	18 14	3 54	6 40	2 0	7 9	1 1	23 54	0 13	6 29	2 27	17 19	0 44	13 21	1 39	30 18	6 28	22 24	22 24	3 41			n.a.
S 24	21 41	18 19	3 34	18 24	3 54	6 13	2 8	7 22	1 2	23 54	0 13	6 27	2 27	17 18	0 44	13 21	1 39	30 18	6 28	22 24	22 25	3 43			n.a.
S 25	21 30	20 47	2 39	18 35	3 51	5 47	2 15	7 35	1 2	23 55	0 13	6 24	2 27	17 17	0 44	13 22	1 39	30 18	6 28	22 24	22 25	3 46			n.a.
M26	21 19	22 15	1 33	18 48	3 46	5 20	2 23	7 48	1 3	23 56	0 13	6 22	2 27	17 16	0 44	13 22	1 39	30 18	6 28	22 24	22 26	3 48			n.a.
T 27	21 7	22 33	0 22	19 2	3 40	4 54	2 31	8 1	1 3	23 56	0 13	6 20	2 26	17 15	0 44	13 23	1 39	30 18	6 28	22 23	22 26	3 51			n.a.
W28	20 55	21 33	0n52	19 16	3 32	4 28	2 40	8 14	1 4	23 57	0 14	6 17	2 26	17 14	0 44	13 23	1 39	30 18	6 28	22 23	22 27	3 53			n.a.
T 29	20 43	19 16	2 5	19 31	3 23	4 2	2 48	8 26	1 4	23 58	0 14	6 14	2 26	17 13	0 44	13 24	1 39	30 19	6 29	22 24	22 27	3 56			n.a.
F 30	20 30	15 48	3 12	19 45	3 12	3 37	2 56	8 39	1 5	23 58	0 14	6 12	2 26	17 12	0 44	13 24	1 40	30 19	6 29	22 24	22 28	3 59			n.a.
S 31	20 s17	11n24	4n 8	20 s 0	3n 1	3 s12	3n 4	8n52	1n 5	23 s59	0 s14	6 s 9	2 s26	17 s11	0 s44	13n25	1n40	30 s19	6 s29	22n24	22n28	4n 1			n.a.

Julian Day Number = 1289332.5, Delta T = 08h00m42s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'15, Lahiri = -20°17'14 Julian Calendar 1 Jan. 1183 BCE == Greg. Calendar 21 Dec. 1184 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

FEBRUARY 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 50	1♒55'06	25♍11	14°R20	15♓41	20♈20	25♐33	20♓20	15♒29	29°R23	0♑28	19°R25	18♋55	22♈18	n.a.	S 1
M 2	8 3 47	2°54'51	9♎29	14♑ 1	16°24	20°53	25°46	20°26	15°32	29♌22	0°29	19♋24	18°52	22°25	n.a.	M 2
T 3	8 7 43	3°54'34	23°46	13°48	17° 6	21°25	25°59	20°32	15°35	29°20	0°31	19°23	18°49	22°31	n.a.	T 3
W 4	8 11 40	4°54'16	7♏58	13°41	17°46	21°58	26°11	20°38	15°39	29°19	0°32	19°D23	18°46	22°38	n.a.	W 4
T 5	8 15 36	5°53'55	22° 4	13°D41	18°26	22°30	26°24	20°45	15°42	29°18	0°34	19°23	18°43	22°45	n.a.	T 5
F 6	8 19 33	6°53'33	6♐ 2	13°47	19° 4	23° 3	26°36	20°51	15°45	29°16	0°35	19°24	18°40	22°51	n.a.	F 6
S 7	8 23 29	7°53'09	19°50	13°58	19°41	23°36	26°49	20°58	15°49	29°15	0°37	19°26	18°36	22°58	n.a.	S 7
S 8	8 27 26	8°52'43	3♑27	14°15	20°17	24° 9	27° 1	21° 4	15°52	29°13	0°39	19°27	18°33	23° 5	n.a.	S 8
M 9	8 31 23	9°52'15	16°52	14°37	20°52	24°42	27°13	21°11	15°56	29°12	0°40	19°R28	18°30	23°12	n.a.	M 9
T 10	8 35 19	10°51'45	0♒ 5	15° 4	21°25	25°15	27°25	21°17	15°59	29°10	0°41	19°27	18°27	23°18	n.a.	T 10
W11	8 39 16	11°51'13	13° 5	15°35	21°56	25°48	27°38	21°24	16° 2	29° 8	0°43	19°26	18°24	23°25	n.a.	W11
T 12	8 43 12	12°50'38	25°50	16°11	22°26	26°21	27°50	21°31	16° 6	29° 7	0°44	19°23	18°20	23°32	n.a.	T 12
F 13	8 47 9	13°50'01	8♓22	16°50	22°55	26°54	28° 2	21°37	16° 9	29° 5	0°46	19°19	18°17	23°39	n.a.	F 13
S 14	8 51 5	14°49'22	20°41	17°34	23°21	27°28	28°13	21°44	16°13	29° 4	0°47	19°15	18°14	23°45	n.a.	S 14
S 15	8 55 2	15°48'40	2♈49	18°21	23°46	28° 1	28°25	21°51	16°16	29° 2	0°49	19°11	18°11	23°52	n.a.	S 15
M16	8 58 58	16°47'56	14°48	19°11	24°10	28°35	28°37	21°58	16°19	29° 1	0°50	19° 7	18° 8	23°59	n.a.	M16
T 17	9 2 55	17°47'10	26°42	20° 5	24°31	29° 8	28°48	22° 5	16°23	28°59	0°51	19° 4	18° 5	24° 5	n.a.	T 17
W18	9 6 51	18°46'21	8♉34	21° 1	24°51	29°42	29° 0	22°12	16°26	28°57	0°53	19° 2	18° 1	24°12	n.a.	W18
T 19	9 10 48	19°45'30	20°29	22° 1	25° 8	0♉16	29°11	22°19	16°30	28°56	0°54	19°D 1	17°58	24°19	n.a.	T 19
F 20	9 14 45	20°44'36	2♊32	23° 3	25°24	0°49	29°23	22°26	16°33	28°54	0°55	19° 2	17°55	24°26	n.a.	F 20
S 21	9 18 41	21°43'40	14°48	24° 7	25°37	1°23	29°34	22°33	16°37	28°53	0°57	19° 3	17°52	24°32	n.a.	S 21
S 22	9 22 38	22°42'42	27°21	25°14	25°49	1°57	29°45	22°40	16°40	28°51	0°58	19° 5	17°49	24°39	n.a.	S 22
M23	9 26 34	23°41'41	10♋16	26°24	25°58	2°31	29°56	22°47	16°43	28°49	0°59	19° 6	17°45	24°46	n.a.	M23
T 24	9 30 31	24°40'38	23°33	27°35	26° 5	3° 5	0♑ 7	22°55	16°47	28°48	1° 0	19°R 6	17°42	24°52	n.a.	T 24
W25	9 34 27	25°39'32	7♌16	28°49	26° 9	3°39	0°18	23° 2	16°50	28°46	1° 2	19° 5	17°39	24°59	n.a.	W25
T 26	9 38 24	26°38'24	21°21	0♒ 5	26°R11	4°13	0°29	23° 9	16°53	28°44	1° 3	19° 2	17°36	25° 6	n.a.	T 26
F 27	9 42 20	27°37'14	5♍46	1°23	26°11	4°47	0°40	23°17	16°57	28°43	1° 4	18°57	17°33	25°13	n.a.	F 27
S 28	9 46 17	28♒36'02	20♍25	2♒42	26♓ 8	5♉21	0♑50	23♓24	17♒ 0	28♌41	1♑ 5	18♋52	17♋30	25♈19	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s 4	6n21	4n48	20s15	2n49	2s47	3n13	9n 5	1n 5	24s 0	0s14	6s 7	2s25	17s10	0s44	13n26	1n40	30s19	6s29	22n24	22n28	4n 4			n.a.
M 2	19 50	0 56	5 11	20 30	2 36	2 22	3 21	9 18	1 6	24 0	0 14	6 4	2 25	17 9	0 44	13 26	1 40	30 19	6 29	22 24	22 29	4 6			n.a.
T 3	19 36	4s30	5 15	20 44	2 23	1 58	3 30	9 30	1 6	24 1	0 14	6 1	2 25	17 8	0 44	13 27	1 40	30 19	6 29	22 24	22 29	4 9			n.a.
W 4	19 21	9 41	5 0	20 58	2 9	1 34	3 39	9 43	1 7	24 1	0 15	5 59	2 25	17 7	0 44	13 27	1 40	30 20	6 30	22 24	22 30	4 11			n.a.
T 5	19 6	14 18	4 26	21 12	1 56	1 10	3 47	9 56	1 7	24 2	0 15	5 56	2 25	17 6	0 44	13 28	1 40	30 20	6 30	22 24	22 30	4 14			n.a.
F 6	18 51	18 6	3 37	21 25	1 42	0 47	3 56	10 9	1 7	24 2	0 15	5 53	2 24	17 5	0 44	13 28	1 40	30 20	6 30	22 24	22 31	4 16			n.a.
S 7	18 36	20 50	2 36	21 37	1 29	0 24	4 5	10 21	1 8	24 3	0 15	5 51	2 24	17 4	0 44	13 29	1 40	30 20	6 30	22 24	22 31	4 19			n.a.
S 8	18 20	22 20	1 27	21 49	1 15	0 2	4 14	10 34	1 8	24 3	0 15	5 48	2 24	17 3	0 44	13 29	1 40	30 20	6 30	22 24	22 32	4 22			n.a.
M 9	18 4	22 31	0 14	21 59	1 2	0n20	4 23	10 47	1 9	24 4	0 15	5 45	2 24	17 2	0 44	13 30	1 40	30 20	6 30	22 24	22 32	4 24			n.a.
T 10	17 48	21 25	0s58	22 9	0 49	0 41	4 32	10 59	1 9	24 4	0 15	5 42	2 24	17 1	0 44	13 31	1 40	30 21	6 31	22 24	22 32	4 27			n.a.
W11	17 31	19 11	2 6	22 18	0 37	1 2	4 41	11 12	1 9	24 4	0 16	5 40	2 24	16 59	0 44	13 31	1 40	30 21	6 31	22 24	22 33	4 29			n.a.
T 12	17 14	16 2	3 7	22 26	0 24	1 22	4 50	11 25	1 10	24 5	0 16	5 37	2 23	16 58	0 44	13 32	1 40	30 21	6 31	22 24	22 33	4 32			n.a.
F 13	16 57	12 13	3 57	22 33	0 12	1 42	4 59	11 37	1 10	24 5	0 16	5 34	2 23	16 57	0 44	13 32	1 40	30 21	6 31	22 25	22 34	4 34			n.a.
S 14	16 39	7 57	4 35	22 39	0 1	2 1	5 8	11 50	1 10	24 5	0 16	5 31	2 23	16 56	0 44	13 33	1 40	30 21	6 31	22 26	22 34	4 37			n.a.
S 15	16 22	3 27	5 0	22 43	0s10	2 19	5 17	12 2	1 11	24 6	0 16	5 28	2 23	16 55	0 44	13 33	1 40	30 21	6 32	22 26	22 35	4 39			n.a.
M16	16 4	1n 8	5 12	22 47	0 21	2 37	5 25	12 15	1 11	24 6	0 16	5 25	2 23	16 54	0 44	13 34	1 40	30 22	6 32	22 27	22 35	4 42			n.a.
T 17	15 45	5 39	5 10	22 49	0 31	2 53	5 34	12 27	1 11	24 6	0 16	5 22	2 23	16 53	0 44	13 35	1 40	30 22	6 32	22 27	22 35	4 45			n.a.
W18	15 27	9 56	4 55	22 50	0 41	3 9	5 43	12 40	1 12	24 6	0 17	5 19	2 23	16 52	0 44	13 35	1 40	30 22	6 32	22 28	22 36	4 47			n.a.
T 19	15 8	13 52	4 27	22 50	0 51	3 24	5 52	12 52	1 12	24 7	0 17	5 16	2 22	16 51	0 44	13 36	1 40	30 22	6 32	22 28	22 36	4 50			n.a.
F 20	14 49	17 18	3 47	22 49	1 0	3 38	6 1	13 4	1 12	24 7	0 17	5 13	2 22	16 50	0 44	13 36	1 40	30 22	6 33	22 27	22 37	4 52			n.a.
S 21	14 30	20 2	2 56	22 46	1 8	3 52	6 9	13 17	1 12	24 7	0 17	5 10	2 22	16 49	0 44	13 37	1 40	30 23	6 33	22 27	22 37	4 55			n.a.
S 22	14 10	21 53	1 56	22 41	1 16	4 4	6 17	13 29	1 13	24 7	0 17	5 7	2 22	16 48	0 44	13 38	1 40	30 23	6 33	22 27	22 38	4 57			n.a.
M23	13 51	22 38	0 48	22 36	1 24	4 15	6 26	13 41	1 13	24 7	0 17	5 4	2 22	16 47	0 44	13 38	1 40	30 23	6 33	22 27	22 38	5 0			n.a.
T 24	13 31	22 8	0n24	22 28	1 31	4 25	6 34	13 53	1 13	24 8	0 18	5 1	2 22	16 46	0 44	13 39	1 40	30 23	6 33	22 27	22 38	5 3			n.a.
W25	13 11	20 20	1 37	22 20	1 38	4 34	6 41	14 5	1 13	24 8	0 18	4 58	2 22	16 45	0 44	13 39	1 40	30 23	6 34	22 27	22 39	5 5			n.a.
T 26	12 50	17 14	2 46	22 10	1 44	4 42	6 49	14 17	1 14	24 8	0 18	4 55	2 22	16 44	0 44	13 40	1 40	30 24	6 34	22 27	22 39	5 8			n.a.
F 27	12 30	13 2	3 46	21 58	1 50	4 48	6 56	14 29	1 14	24 8	0 18	4 52	2 21	16 43	0 44	13 41	1 40	30 24	6 34	22 28	22 40	5 10			n.a.
S 28	12s 9	8n 1	4n32	21s45	1s55	4n54	7n 3	14n41	1n14	24s 8	0s18	4s49	2s21	16s42	0s44	13n41	1n40	30s24	6s34	22n29	22n40	5n13			n.a.

Julian Day Number = 1289363.5, Delta T = 08h00m41s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'11, Lahiri = -20°17'10 Julian Calendar 1 Feb. 1183 BCE == Greg. Calendar 21 Jan. 1183 BCE

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

MARCH 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 14	29♒34'47	5♎ 9	4♒ 4	26°R 3	5♉56	1♉ 1	23♓31	17♒ 4	28°R39	1♉ 6	18°R45	17♋26	25♈26	n.a.	S 1
M 2	9 54 10	0♓33'31	19°53	5°27	25♓55	6°30	1°11	23°39	17° 7	28♌38	1° 7	18♋40	17°23	25°33	n.a.	M 2
T 3	9 58 7	1°32'13	4♏28	6°52	25°45	7° 4	1°22	23°46	17°10	28°36	1° 8	18°35	17°20	25°40	n.a.	T 3
W 4	10 2 3	2°30'53	18°49	8°19	25°33	7°39	1°32	23°54	17°14	28°34	1° 9	18°33	17°17	25°46	n.a.	W 4
T 5	10 6 0	3°29'31	2♐55	9°48	25°18	8°13	1°42	24° 1	17°17	28°33	1°10	18°D32	17°14	25°53	n.a.	T 5
F 6	10 9 56	4°28'08	16°44	11°19	25° 0	8°48	1°52	24° 9	17°20	28°31	1°11	18°32	17°11	26° 0	n.a.	F 6
S 7	10 13 53	5°26'42	0♑16	12°51	24°40	9°22	2° 2	24°17	17°24	28°30	1°12	18°34	17° 7	26° 6	n.a.	S 7
S 8	10 17 49	6°25'15	13°33	14°24	24°18	9°57	2°11	24°24	17°27	28°28	1°13	18°R35	17° 4	26°13	n.a.	S 8
M 9	10 21 46	7°23'47	26°35	16° 0	23°54	10°32	2°21	24°32	17°30	28°26	1°14	18°34	17° 1	26°20	n.a.	M 9
T 10	10 25 42	8°22'16	9♒26	17°37	23°28	11° 6	2°30	24°39	17°33	28°25	1°15	18°32	16°58	26°27	n.a.	T 10
W11	10 29 39	9°20'43	22° 5	19°16	22°59	11°41	2°40	24°47	17°37	28°23	1°16	18°28	16°55	26°33	n.a.	W11
T 12	10 33 36	10°19'09	4♓34	20°56	22°29	12°16	2°49	24°55	17°40	28°21	1°17	18°21	16°51	26°40	n.a.	T 12
F 13	10 37 32	11°17'32	16°53	22°38	21°57	12°51	2°58	25° 3	17°43	28°20	1°18	18°12	16°48	26°47	n.a.	F 13
S 14	10 41 29	12°15'53	29° 3	24°22	21°23	13°25	3° 7	25°10	17°46	28°18	1°19	18° 2	16°45	26°53	n.a.	S 14
S 15	10 45 25	13°14'13	11♈ 6	26° 7	20°49	14° 0	3°16	25°18	17°49	28°17	1°19	17°52	16°42	27° 0	n.a.	S 15
M16	10 49 22	14°12'30	23° 2	27°54	20°13	14°35	3°25	25°26	17°52	28°15	1°20	17°42	16°39	27° 7	n.a.	M16
T 17	10 53 18	15°10'45	4♉54	29°43	19°36	15°10	3°34	25°34	17°56	28°14	1°21	17°33	16°36	27°14	n.a.	T 17
W18	10 57 15	16° 8'58	16°45	1♓33	18°58	15°45	3°42	25°41	17°59	28°12	1°22	17°27	16°32	27°20	n.a.	W18
T 19	11 1 11	17° 7'09	28°39	3°25	18°20	16°20	3°51	25°49	18° 2	28°10	1°22	17°23	16°29	27°27	n.a.	T 19
F 20	11 5 8	18° 5'18	10♊39	5°19	17°42	16°56	3°59	25°57	18° 5	28° 9	1°23	17°21	16°26	27°34	n.a.	F 20
S 21	11 9 4	19° 3'25	22°52	7°14	17° 4	17°31	4° 7	26° 5	18° 8	28° 7	1°24	17°D21	16°23	27°41	n.a.	S 21
S 22	11 13 1	20° 1'29	5♋22	9°11	16°26	18° 6	4°15	26°13	18°11	28° 6	1°24	17°21	16°20	27°47	n.a.	S 22
M23	11 16 58	20°59'32	18°14	11°10	15°49	18°41	4°23	26°21	18°14	28° 4	1°25	17°R22	16°17	27°54	n.a.	M23
T 24	11 20 54	21°57'33	1♌31	13°10	15°13	19°16	4°30	26°28	18°17	28° 3	1°25	17°21	16°13	28° 1	n.a.	T 24
W25	11 24 51	22°55'31	15°17	15°12	14°37	19°52	4°38	26°36	18°20	28° 1	1°26	17°18	16°10	28° 7	n.a.	W25
T 26	11 28 47	23°53'28	29°32	17°15	14° 3	20°27	4°45	26°44	18°23	28° 0	1°26	17°13	16° 7	28°14	n.a.	T 26
F 27	11 32 44	24°51'22	14♍11	19°20	13°30	21° 2	4°53	26°52	18°26	27°59	1°27	17° 5	16° 4	28°21	n.a.	F 27
S 28	11 36 40	25°49'15	29° 9	21°26	12°59	21°38	5° 0	27° 0	18°29	27°57	1°27	16°55	16° 1	28°28	n.a.	S 28
S 29	11 40 37	26°47'06	14♎16	23°33	12°30	22°13	5° 7	27° 8	18°31	27°56	1°28	16°45	15°57	28°34	n.a.	S 29
M30	11 44 33	27°44'55	29°23	25°41	12° 2	22°48	5°14	27°16	18°34	27°54	1°28	16°36	15°54	28°41	n.a.	M30
T 31	11 48 30	28♓42'44	14♏19	27♓51	11♓37	23♉24	5♑20	27♓23	18♒37	27♌53	1♑29	16♋28	15♋51	28♈48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s48	2n30	5n 1	21s30	2s 0	4n58	7n10	14n53	1n14	24s 8	0s18	4s46	2s21	16s41	0s44	13n42	1n40	30s24	6s34	22n30	22n41	5n15			n.a.
M 2	11 27	3s 8	5 9	21 14	2 4	5 0	7 16	15 5	1 15	24 8	0 18	4 43	2 21	16 40	0 44	13 42	1 40	30 24	6 35	22 31	22 41	5 18			n.a.
T 3	11 6	8 33	4 58	20 55	2 8	5 1	7 22	15 17	1 15	24 8	0 19	4 40	2 21	16 39	0 44	13 43	1 40	30 25	6 35	22 31	22 41	5 21			n.a.
W 4	10 45	13 26	4 27	20 36	2 12	5 1	7 27	15 28	1 15	24 8	0 19	4 37	2 21	16 38	0 44	13 44	1 40	30 25	6 35	22 32	22 42	5 23			n.a.
T 5	10 23	17 28	3 41	20 14	2 14	5 0	7 32	15 40	1 15	24 8	0 19	4 34	2 21	16 37	0 44	13 44	1 40	30 25	6 35	22 32	22 42	5 26			n.a.
F 6	10 2	20 27	2 43	19 51	2 17	4 56	7 36	15 51	1 15	24 8	0 19	4 31	2 21	16 36	0 44	13 45	1 40	30 25	6 36	22 32	22 43	5 28			n.a.
S 7	9 40	22 13	1 37	19 27	2 19	4 52	7 40	16 3	1 16	24 8	0 19	4 27	2 21	16 35	0 44	13 45	1 40	30 26	6 36	22 31	22 43	5 31			n.a.
S 8	9 18	22 41	0 27	19 0	2 20	4 46	7 43	16 14	1 16	24 8	0 19	4 24	2 21	16 34	0 44	13 46	1 40	30 26	6 36	22 31	22 43	5 33			n.a.
M 9	8 56	21 53	0s43	18 32	2 21	4 38	7 45	16 25	1 16	24 8	0 20	4 21	2 21	16 33	0 44	13 46	1 40	30 26	6 36	22 31	22 44	5 36			n.a.
T 10	8 34	19 57	1 50	18 3	2 21	4 29	7 47	16 37	1 16	24 8	0 20	4 18	2 21	16 32	0 44	13 47	1 40	30 26	6 37	22 32	22 44	5 39			n.a.
W11	8 12	17 3	2 50	17 31	2 21	4 18	7 47	16 48	1 16	24 8	0 20	4 15	2 20	16 31	0 44	13 48	1 40	30 26	6 37	22 32	22 45	5 41			n.a.
T 12	7 49	13 25	3 41	16 58	2 20	4 6	7 47	16 59	1 16	24 8	0 20	4 12	2 20	16 30	0 44	13 48	1 40	30 27	6 37	22 33	22 45	5 44			n.a.
F 13	7 27	9 15	4 21	16 23	2 19	3 53	7 47	17 10	1 17	24 8	0 20	4 8	2 20	16 29	0 44	13 49	1 40	30 27	6 37	22 34	22 45	5 46			n.a.
S 14	7 4	4 47	4 48	15 46	2 17	3 38	7 45	17 21	1 17	24 8	0 21	4 5	2 20	16 28	0 44	13 49	1 40	30 27	6 37	22 36	22 46	5 49			n.a.
S 15	6 42	0 10	5 3	15 8	2 15	3 22	7 43	17 32	1 17	24 8	0 21	4 2	2 20	16 27	0 44	13 50	1 40	30 27	6 38	22 37	22 46	5 51			n.a.
M16	6 19	4n25	5 3	14 28	2 12	3 5	7 39	17 42	1 17	24 8	0 21	3 59	2 20	16 26	0 44	13 50	1 40	30 28	6 38	22 39	22 47	5 54			n.a.
T 17	5 56	8 48	4 51	13 46	2 9	2 47	7 35	17 53	1 17	24 8	0 21	3 56	2 20	16 25	0 44	13 51	1 40	30 28	6 38	22 40	22 47	5 57			n.a.
W18	5 33	12 52	4 26	13 2	2 5	2 27	7 30	18 4	1 17	24 8	0 21	3 53	2 20	16 24	0 44	13 51	1 40	30 28	6 38	22 41	22 47	5 59			n.a.
T 19	5 10	16 27	3 50	12 17	2 0	2 7	7 25	18 14	1 18	24 8	0 21	3 49	2 20	16 23	0 44	13 52	1 40	30 28	6 39	22 41	22 48	6 2			n.a.
F 20	4 47	19 24	3 3	11 30	1 55	1 46	7 18	18 24	1 18	24 8	0 22	3 46	2 20	16 22	0 44	13 53	1 40	30 29	6 39	22 41	22 48	6 4			n.a.
S 21	4 24	21 32	2 7	10 41	1 49	1 24	7 10	18 35	1 18	24 8	0 22	3 43	2 20	16 21	0 44	13 53	1 40	30 29	6 39	22 41	22 49	6 7			n.a.
S 22	4 1	22 40	1 4	9 51	1 43	1 2	7 2	18 45	1 18	24 8	0 22	3 40	2 20	16 20	0 45	13 54	1 40	30 29	6 39	22 41	22 49	6 9			n.a.
M23	3 38	22 39	0n 5	8 59	1 37	0 39	6 53	18 55	1 18	24 8	0 22	3 37	2 20	16 19	0 45	13 54	1 40	30 29	6 40	22 41	22 49	6 12			n.a.
T 24	3 14	21 22	1 15	8 6	1 30	0 16	6 44	19 5	1 18	24 8	0 22	3 33	2 20	16 18	0 45	13 55	1 40	30 30	6 40	22 41	22 50	6 15			n.a.
W25	2 51	18 47	2 23	7 11	1 22	0s 7	6 33	19 15	1 18	24 8	0 23	3 30	2 20	16 17	0 45	13 55	1 40	30 30	6 40	22 42	22 50	6 17			n.a.
T 26	2 28	15 0	3 24	6 15	1 14	0 30	6 22	19 25	1 18	24 8	0 23	3 27	2 20	16 16	0 45	13 56	1 40	30 30	6 40	22 42	22 51	6 20			n.a.
F 27	2 5	10 13	4 14	5 17	1 5	0 53	6 11	19 34	1 18	24 8	0 23	3 24	2 20	16 16	0 45	13 56	1 40	30 30	6 41	22 43	22 51	6 22			n.a.
S 28	1 41	4 44	4 48	4 18	0 56	1 16	5 59	19 44	1 19	24 7	0 23	3 21	2 20	16 15	0 45	13 57	1 40	30 31	6 41	22 45	22 51	6 25			n.a.
S 29	1 18	1s 6	5 2	3 19	0 47	1 39	5 47	19 53	1 19	24 7	0 23	3 17	2 20	16 14	0 45	13 57	1 40	30 31	6 41	22 46	22 52	6 27			n.a.
M30	0 55	6 51	4 55	2 18	0 37	2 1	5 34	20 3	1 19	24 7	0 24	3 14	2 20	16 13	0 45	13 58	1 40	30 31	6 41	22 47	22 52	6 30			n.a.
T 31	0s31	12s 9	4n27	1s17	0s27	2s23	5n21	20n12	1n19	24s 7	0s24	3s11	2s20	16s12	0s45	13n58	1n40	30s31	6s42	22n48	22n53	6n33			n.a.

Julian Day Number = 1289391.5, Delta T = 08h00m39s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'07, Lahiri = -20°17'06 Julian Calendar 1 March 1183 BCE == Greg. Calendar 18 Feb. 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

APRIL 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 52 27	29♓40'30	28♏57	0♈ 0	11°R14	23♉59	5♑27	27♓31	18♒40	27°R52	1♑29	16°R23	15♋48	28♈54	n.a.	W 1
T 2	11 56 23	0♈38'16	13♐13	2°10	10♓53	24°35	5°33	27°39	18°43	27♎50	1°29	16♋20	15°45	29° 1	n.a.	T 2
F 3	12 0 20	1°36'00	27° 4	4°21	10°35	25°11	5°40	27°47	18°45	27°49	1°30	16°D19	15°42	29° 8	n.a.	F 3
S 4	12 4 16	2°33'43	10♑32	6°31	10°19	25°46	5°46	27°55	18°48	27°48	1°30	16°R19	15°38	29°15	n.a.	S 4
S 5	12 8 13	3°31'25	23°40	8°41	10° 5	26°22	5°52	28° 3	18°51	27°46	1°30	16°19	15°35	29°21	n.a.	S 5
M 6	12 12 9	4°29'06	6♒30	10°50	9°54	26°57	5°57	28°11	18°53	27°45	1°30	16°17	15°32	29°28	n.a.	M 6
T 7	12 16 6	5°26'45	19° 5	12°58	9°45	27°33	6° 3	28°18	18°56	27°44	1°30	16°14	15°29	29°35	n.a.	T 7
W 8	12 20 2	6°24'23	1♓29	15° 5	9°39	28° 9	6° 8	28°26	18°58	27°43	1°31	16° 7	15°26	29°42	n.a.	W 8
T 9	12 23 59	7°21'59	13°44	17°11	9°35	28°45	6°14	28°34	19° 1	27°42	1°31	15°58	15°22	29°48	n.a.	T 9
F 10	12 27 55	8°19'35	25°51	19°15	9°D33	29°20	6°19	28°42	19° 4	27°40	1°31	15°46	15°19	29°55	n.a.	F 10
S 11	12 31 52	9°17'09	7♈52	21°17	9°34	29°56	6°24	28°50	19° 6	27°39	1°31	15°33	15°16	0♉ 2	n.a.	S 11
S 12	12 35 49	10°14'42	19°48	23°16	9°37	0♊32	6°28	28°57	19° 8	27°38	1°31	15°19	15°13	0° 8	n.a.	S 12
M13	12 39 45	11°12'13	1♉41	25°14	9°42	1° 8	6°33	29° 5	19°11	27°37	1°R31	15° 5	15°10	0°15	n.a.	M13
T 14	12 43 42	12° 9'43	13°32	27° 9	9°50	1°44	6°37	29°13	19°13	27°36	1°31	14°54	15° 7	0°22	n.a.	T 14
W15	12 47 38	13° 7'12	25°23	29° 1	9°59	2°20	6°42	29°21	19°16	27°35	1°31	14°44	15° 3	0°29	n.a.	W15
T 16	12 51 35	14° 4'39	7♊17	0♉51	10°11	2°56	6°46	29°28	19°18	27°34	1°31	14°38	15° 0	0°35	n.a.	T 16
F 17	12 55 31	15° 2'05	19°18	2°38	10°25	3°32	6°50	29°36	19°20	27°33	1°31	14°34	14°57	0°42	n.a.	F 17
S 18	12 59 28	15°59'30	1♋29	4°22	10°41	4° 8	6°53	29°44	19°22	27°32	1°31	14°32	14°54	0°49	n.a.	S 18
S 19	13 3 24	16°56'53	13°56	6° 3	10°58	4°44	6°57	29°51	19°24	27°31	1°31	14°32	14°51	0°55	n.a.	S 19
M20	13 7 21	17°54'15	26°44	7°41	11°18	5°20	7° 0	29°59	19°27	27°30	1°30	14°32	14°48	1° 2	n.a.	M20
T 21	13 11 18	18°51'36	9♌57	9°16	11°39	5°56	7° 4	0♈ 7	19°29	27°29	1°30	14°31	14°44	1° 9	n.a.	T 21
W22	13 15 14	19°48'55	23°39	10°48	12° 2	6°32	7° 7	0°14	19°31	27°28	1°30	14°28	14°41	1°16	n.a.	W22
T 23	13 19 11	20°46'13	7♍50	12°17	12°27	7° 8	7° 9	0°22	19°33	27°27	1°30	14°22	14°38	1°22	n.a.	T 23
F 24	13 23 7	21°43'29	22°29	13°43	12°53	7°44	7°12	0°29	19°35	27°27	1°29	14°14	14°35	1°29	n.a.	F 24
S 25	13 27 4	22°40'45	7♎32	15° 6	13°21	8°21	7°15	0°37	19°37	27°26	1°29	14° 5	14°32	1°36	n.a.	S 25
S 26	13 31 0	23°37'59	22°48	16°26	13°50	8°57	7°17	0°44	19°39	27°25	1°29	13°54	14°28	1°42	n.a.	S 26
M27	13 34 57	24°35'13	8♏ 7	17°42	14°21	9°33	7°19	0°52	19°41	27°24	1°29	13°44	14°25	1°49	n.a.	M27
T 28	13 38 53	25°32'26	23°18	18°55	14°53	10° 9	7°21	0°59	19°42	27°24	1°28	13°36	14°22	1°56	n.a.	T 28
W29	13 42 50	26°29'38	8♐10	20° 5	15°27	10°46	7°23	1° 7	19°44	27°23	1°28	13°30	14°19	2° 3	n.a.	W29
T 30	13 46 47	27♈26'50	22♐38	21♉12	16♓ 2	11♊22	7♑24	1♈14	19♒46	27♎22	1♑27	13♋26	14♋16	2♉ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 8	16s38	3n43	0s15	0s17	2s44	5n 8	20n21	1n19	24s 7	0s24	3s 8	2s20	16s11	0s45	13n58	1n40	30s32	6s42	22n49	22n53	6n35		n.a.
T 2	0n15	20 1	2 46	0n47	0 6	3 4	4 55	20 30	1 19	24 7	0 24	3 5	2 20	16 10	0 45	13 59	1 40	30 32	6 42	22 49	22 53	6 38		n.a.
F 3	0 39	22 8	1 40	1 49	0n 4	3 24	4 41	20 39	1 19	24 7	0 24	3 2	2 20	16 10	0 45	13 59	1 40	30 32	6 42	22 49	22 54	6 40		n.a.
S 4	1 2	22 54	0 31	2 52	0 15	3 42	4 28	20 48	1 19	24 7	0 25	2 58	2 20	16 9	0 45	14 0	1 40	30 32	6 43	22 49	22 54	6 43		n.a.
S 5	1 25	22 22	0s39	3 53	0 26	4 0	4 14	20 56	1 19	24 7	0 25	2 55	2 20	16 8	0 45	14 0	1 40	30 33	6 43	22 49	22 54	6 45		n.a.
M 6	1 49	20 39	1 45	4 55	0 36	4 17	4 0	21 5	1 19	24 7	0 25	2 52	2 20	16 7	0 45	14 1	1 40	30 33	6 43	22 49	22 55	6 48		n.a.
T 7	2 12	17 56	2 44	5 55	0 47	4 33	3 47	21 13	1 19	24 7	0 25	2 49	2 20	16 6	0 45	14 1	1 40	30 33	6 44	22 50	22 55	6 51		n.a.
W 8	2 35	14 27	3 34	6 55	0 57	4 48	3 33	21 22	1 19	24 7	0 25	2 46	2 20	16 6	0 45	14 1	1 40	30 33	6 44	22 51	22 56	6 53		n.a.
T 9	2 58	10 24	4 14	7 53	1 7	5 2	3 20	21 30	1 19	24 7	0 26	2 43	2 20	16 5	0 45	14 2	1 40	30 34	6 44	22 52	22 56	6 56		n.a.
F 10	3 21	5 59	4 42	8 49	1 16	5 14	3 7	21 38	1 19	24 7	0 26	2 40	2 20	16 4	0 45	14 2	1 40	30 34	6 44	22 53	22 56	6 58		n.a.
S 11	3 44	1 22	4 57	9 45	1 25	5 26	2 54	21 46	1 19	24 7	0 26	2 36	2 20	16 3	0 45	14 3	1 40	30 34	6 45	22 55	22 57	7 1		n.a.
S 12	4 7	3n16	4 59	10 38	1 34	5 37	2 41	21 54	1 19	24 7	0 26	2 33	2 20	16 2	0 45	14 3	1 40	30 34	6 45	22 56	22 57	7 3		n.a.
M13	4 30	7 46	4 47	11 29	1 42	5 47	2 28	22 1	1 19	24 7	0 26	2 30	2 20	16 2	0 45	14 3	1 40	30 35	6 45	22 58	22 57	7 6		n.a.
T 14	4 53	11 58	4 24	12 19	1 49	5 55	2 16	22 9	1 20	24 7	0 27	2 27	2 20	16 1	0 45	14 4	1 40	30 35	6 45	22 59	22 58	7 9		n.a.
W15	5 16	15 44	3 48	13 6	1 56	6 3	2 4	22 16	1 20	24 7	0 27	2 24	2 20	16 0	0 45	14 4	1 40	30 35	6 46	23 0	22 58	7 11		n.a.
T 16	5 38	18 53	3 3	13 51	2 2	6 9	1 52	22 23	1 20	24 7	0 27	2 21	2 20	16 0	0 45	14 4	1 40	30 35	6 46	23 1	22 58	7 14		n.a.
F 17	6 1	21 15	2 9	14 34	2 7	6 15	1 40	22 30	1 20	24 7	0 27	2 18	2 20	15 59	0 45	14 5	1 40	30 36	6 46	23 1	22 59	7 16		n.a.
S 18	6 24	22 41	1 8	15 15	2 12	6 19	1 28	22 37	1 20	24 7	0 28	2 15	2 20	15 58	0 45	14 5	1 40	30 36	6 46	23 2	22 59	7 19		n.a.
S 19	6 46	23 2	0 3	15 53	2 16	6 23	1 17	22 44	1 20	24 7	0 28	2 12	2 20	15 58	0 45	14 5	1 39	30 36	6 47	23 2	23 0	7 21		n.a.
M20	7 8	22 12	1n 4	16 29	2 19	6 25	1 6	22 51	1 20	24 7	0 28	2 9	2 20	15 57	0 45	14 6	1 39	30 36	6 47	23 2	23 0	7 24		n.a.
T 21	7 30	20 8	2 10	17 3	2 22	6 27	0 56	22 58	1 20	24 7	0 28	2 6	2 20	15 56	0 45	14 6	1 39	30 37	6 47	23 2	23 0	7 27		n.a.
W22	7 52	16 51	3 11	17 35	2 23	6 28	0 46	23 4	1 20	24 7	0 28	2 3	2 21	15 56	0 45	14 6	1 39	30 37	6 47	23 2	23 1	7 29		n.a.
T 23	8 14	12 30	4 2	18 4	2 24	6 27	0 36	23 10	1 20	24 7	0 29	2 0	2 21	15 55	0 45	14 6	1 39	30 37	6 48	23 3	23 1	7 32		n.a.
F 24	8 36	7 18	4 40	18 31	2 25	6 26	0 26	23 16	1 20	24 7	0 29	1 57	2 21	15 54	0 45	14 7	1 39	30 37	6 48	23 4	23 1	7 34		n.a.
S 25	8 58	1 32	4 59	18 55	2 24	6 24	0 16	23 22	1 20	24 7	0 29	1 54	2 21	15 54	0 45	14 7	1 39	30 38	6 48	23 5	23 2	7 37		n.a.
S 26	9 19	4s25	4 57	19 18	2 23	6 21	0 7	23 28	1 20	24 7	0 29	1 51	2 21	15 53	0 45	14 7	1 39	30 38	6 48	23 6	23 2	7 39		n.a.
M27	9 41	10 7	4 34	19 38	2 20	6 17	0s 2	23 34	1 20	24 7	0 30	1 48	2 21	15 53	0 46	14 7	1 39	30 38	6 49	23 7	23 2	7 42		n.a.
T 28	10 2	15 10	3 52	19 56	2 18	6 12	0 10	23 39	1 20	24 7	0 30	1 45	2 21	15 52	0 46	14 8	1 39	30 38	6 49	23 8	23 3	7 44		n.a.
W29	10 23	19 9	2 55	20 12	2 14	6 7	0 19	23 44	1 20	24 8	0 30	1 42	2 21	15 52	0 46	14 8	1 39	30 39	6 49	23 8	23 3	7 47		n.a.
T 30	10n44	21s50	1n48	20n26	2n 9	6s 1	0s27	23n50	1n20	24s 8	0s30	1s39	2s21	15s51	0s46	14n 8	1n39	30s39	6s49	23n 9	23n 3	7n50		n.a.

Julian Day Number = 1289422.5, Delta T = 08h00m37s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°24'03, Lahiri = -20°17'02 Julian Calendar 1 Apr. 1183 BCE == Greg. Calendar 21 March 1183 BCE

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

MAY 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 50 43	28♈24'02	6♑39	22♉15	16♓38	11♊58	7♑26	1♈21	19♒48	27°R22	1°R27	13°R25	14♋13	2♉16	n.a.	F 1
S 2	13 54 40	29°21'12	20°12	23°15	17°15	12°35	7°27	1°29	19°49	27♎21	1♑26	13°D25	14° 9	2°23	n.a.	S 2
S 3	13 58 36	0♉18'23	3♒20	24°11	17°54	13°11	7°28	1°36	19°51	27°21	1°26	13°R25	14° 6	2°29	n.a.	S 3
M 4	14 2 33	1°15'33	16° 7	25° 3	18°33	13°48	7°28	1°43	19°53	27°20	1°25	13♋24	14° 3	2°36	n.a.	M 4
T 5	14 6 29	2°12'43	28°36	25°52	19°14	14°24	7°29	1°50	19°54	27°20	1°25	13°21	14° 0	2°43	n.a.	T 5
W 6	14 10 26	3° 9'52	10♓52	26°37	19°55	15° 1	7°29	1°58	19°56	27°19	1°24	13°16	13°57	2°50	n.a.	W 6
T 7	14 14 23	4° 7'01	22°58	27°17	20°38	15°37	7°30	2° 5	19°57	27°19	1°24	13° 8	13°53	2°56	n.a.	T 7
F 8	14 18 19	5° 4'10	4♈57	27°54	21°22	16°14	7°R30	2°12	19°58	27°18	1°23	12°58	13°50	3° 3	n.a.	F 8
S 9	14 22 16	6° 1'18	16°52	28°27	22° 6	16°50	7°29	2°19	20° 0	27°18	1°23	12°46	13°47	3°10	n.a.	S 9
S 10	14 26 12	6°58'26	28°44	28°55	22°51	17°27	7°29	2°26	20° 1	27°18	1°22	12°34	13°44	3°16	n.a.	S 10
M11	14 30 9	7°55'33	10♉35	29°19	23°38	18° 3	7°29	2°33	20° 2	27°17	1°21	12°22	13°41	3°23	n.a.	M11
T 12	14 34 5	8°52'40	22°27	29°39	24°24	18°40	7°28	2°40	20° 4	27°17	1°20	12°12	13°38	3°30	n.a.	T 12
W13	14 38 2	9°49'47	4♊21	29°54	25°12	19°17	7°27	2°46	20° 5	27°17	1°20	12° 4	13°34	3°37	n.a.	W13
T 14	14 41 58	10°46'53	16°20	0♊ 5	26° 1	19°54	7°26	2°53	20° 6	27°16	1°19	11°58	13°31	3°43	n.a.	T 14
F 15	14 45 55	11°43'59	28°25	0°11	26°50	20°30	7°24	3° 0	20° 7	27°16	1°18	11°55	13°28	3°50	n.a.	F 15
S 16	14 49 52	12°41'05	10♋41	0°R13	27°40	21° 7	7°23	3° 7	20° 8	27°16	1°17	11°D54	13°25	3°57	n.a.	S 16
S 17	14 53 48	13°38'10	23°11	0°10	28°30	21°44	7°21	3°13	20° 9	27°16	1°17	11°54	13°22	4° 3	n.a.	S 17
M18	14 57 45	14°35'15	5♌59	0° 2	29°21	22°21	7°19	3°20	20°10	27°16	1°16	11°55	13°19	4°10	n.a.	M18
T 19	15 1 41	15°32'19	19° 8	29♉51	0♈13	22°58	7°17	3°27	20°11	27°16	1°15	11°R55	13°15	4°17	n.a.	T 19
W20	15 5 38	16°29'23	2♍44	29°35	1° 5	23°34	7°15	3°33	20°12	27°D16	1°14	11°54	13°12	4°24	n.a.	W20
T 21	15 9 34	17°26'26	16°46	29°15	1°58	24°11	7°12	3°40	20°13	27°16	1°13	11°51	13° 9	4°30	n.a.	T 21
F 22	15 13 31	18°23'29	1♎16	28°51	2°52	24°48	7°10	3°46	20°13	27°16	1°12	11°46	13° 6	4°37	n.a.	F 22
S 23	15 17 27	19°20'32	16° 8	28°24	3°46	25°25	7° 7	3°52	20°14	27°16	1°11	11°39	13° 3	4°44	n.a.	S 23
S 24	15 21 24	20°17'35	1♏17	27°54	4°40	26° 2	7° 4	3°59	20°15	27°16	1°10	11°32	12°59	4°50	n.a.	S 24
M25	15 25 21	21°14'37	16°32	27°21	5°36	26°39	7° 1	4° 5	20°15	27°16	1° 9	11°24	12°56	4°57	n.a.	M25
T 26	15 29 17	22°11'40	1♐43	26°46	6°31	27°16	6°57	4°11	20°16	27°16	1° 8	11°18	12°53	5° 4	n.a.	T 26
W27	15 33 14	23° 8'43	16°40	26°10	7°27	27°53	6°54	4°17	20°16	27°17	1° 7	11°14	12°50	5°11	n.a.	W27
T 28	15 37 10	24° 5'46	1♑15	25°33	8°24	28°30	6°50	4°23	20°17	27°17	1° 6	11°12	12°47	5°17	n.a.	T 28
F 29	15 41 7	25° 2'50	15°24	24°56	9°21	29° 7	6°46	4°29	20°17	27°17	1° 5	11°D12	12°44	5°24	n.a.	F 29
S 30	15 45 3	25°59'54	29° 4	24°19	10°18	29°44	6°42	4°35	20°18	27°17	1° 4	11°13	12°40	5°31	n.a.	S 30
S 31	15 49 0	26♉56'59	12♒18	23♉44	11♈16	0♋22	6♑38	4♈41	20♒18	27♎18	1♑ 3	11♋14	12♋37	5♉37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 5	23s 4	0n36	20n38	2n 4	5s53	0s35	23n55	1n20	24s 8	0s31	1s36	2s21	15s51	0s46	14n 8	1n39	30s39	6s50	23n 9	23n 4	7n52		n.a.
S 2	11 25	22 53	0s36	20 47	1 58	5 46	0 42	24 0	1 19	24 8	0 31	1 34	2 21	15 50	0 46	14 8	1 39	30 39	6 50	23 9	23 4	7 55		n.a.
S 3	11 46	21 25	1 44	20 55	1 51	5 37	0 49	24 4	1 19	24 8	0 31	1 31	2 21	15 50	0 46	14 8	1 39	30 40	6 50	23 9	23 4	7 57		n.a.
M 4	12 6	18 52	2 44	21 1	1 43	5 28	0 56	24 9	1 19	24 8	0 31	1 28	2 22	15 49	0 46	14 9	1 39	30 40	6 50	23 9	23 5	8 0		n.a.
T 5	12 26	15 31	3 35	21 4	1 35	5 18	1 3	24 13	1 19	24 9	0 32	1 25	2 22	15 49	0 46	14 9	1 39	30 40	6 50	23 9	23 5	8 2		n.a.
W 6	12 46	11 32	4 16	21 6	1 25	5 7	1 10	24 17	1 19	24 9	0 32	1 22	2 22	15 48	0 46	14 9	1 39	30 40	6 51	23 10	23 5	8 5		n.a.
T 7	13 6	7 10	4 44	21 6	1 15	4 56	1 16	24 21	1 19	24 9	0 32	1 19	2 22	15 48	0 46	14 9	1 39	30 41	6 51	23 10	23 6	8 8		n.a.
F 8	13 26	2 34	4 59	21 4	1 5	4 44	1 22	24 25	1 19	24 9	0 32	1 17	2 22	15 47	0 46	14 9	1 39	30 41	6 51	23 11	23 6	8 10		n.a.
S 9	13 45	2n 6	5 1	21 0	0 53	4 32	1 28	24 29	1 19	24 10	0 33	1 14	2 22	15 47	0 46	14 9	1 39	30 41	6 51	23 13	23 6	8 13		n.a.
S 10	14 4	6 41	4 50	20 55	0 41	4 19	1 34	24 33	1 19	24 10	0 33	1 11	2 22	15 47	0 46	14 9	1 39	30 41	6 52	23 14	23 7	8 15		n.a.
M11	14 23	11 1	4 27	20 48	0 28	4 5	1 39	24 36	1 19	24 10	0 33	1 9	2 22	15 46	0 46	14 9	1 39	30 42	6 52	23 15	23 7	8 18		n.a.
T 12	14 42	14 57	3 52	20 39	0 15	3 51	1 44	24 39	1 19	24 10	0 33	1 6	2 23	15 46	0 46	14 9	1 39	30 42	6 52	23 16	23 7	8 20		n.a.
W13	15 0	18 19	3 6	20 29	0 1	3 36	1 49	24 42	1 19	24 11	0 33	1 3	2 23	15 45	0 46	14 9	1 39	30 42	6 52	23 17	23 8	8 23		n.a.
T 14	15 18	20 56	2 12	20 17	0s14	3 21	1 54	24 45	1 19	24 11	0 34	1 1	2 23	15 45	0 46	14 9	1 38	30 42	6 53	23 17	23 8	8 26		n.a.
F 15	15 36	22 38	1 11	20 3	0 29	3 5	1 58	24 48	1 19	24 11	0 34	0 58	2 23	15 45	0 46	14 9	1 38	30 42	6 53	23 17	23 8	8 28		n.a.
S 16	15 54	23 17	0 7	19 48	0 45	2 49	2 2	24 50	1 19	24 12	0 34	0 56	2 23	15 44	0 46	14 9	1 38	30 43	6 53	23 18	23 9	8 31		n.a.
S 17	16 12	22 48	1n 0	19 32	1 0	2 32	2 7	24 53	1 19	24 12	0 34	0 53	2 23	15 44	0 46	14 9	1 38	30 43	6 53	23 17	23 9	8 33		n.a.
M18	16 29	21 7	2 5	19 15	1 17	2 15	2 10	24 55	1 19	24 12	0 35	0 50	2 23	15 44	0 46	14 9	1 38	30 43	6 53	23 17	23 9	8 36		n.a.
T 19	16 46	18 16	3 6	18 56	1 33	1 57	2 14	24 57	1 19	24 13	0 35	0 48	2 24	15 44	0 46	14 9	1 38	30 43	6 54	23 17	23 10	8 38		n.a.
W20	17 3	14 22	3 58	18 37	1 49	1 39	2 18	24 59	1 18	24 13	0 35	0 45	2 24	15 43	0 46	14 9	1 38	30 44	6 54	23 17	23 10	8 41		n.a.
T 21	17 19	9 33	4 38	18 17	2 5	1 21	2 21	25 1	1 18	24 13	0 35	0 43	2 24	15 43	0 46	14 9	1 38	30 44	6 54	23 18	23 10	8 43		n.a.
F 22	17 35	4 5	5 1	17 56	2 21	1 2	2 24	25 2	1 18	24 14	0 36	0 41	2 24	15 43	0 46	14 9	1 38	30 44	6 54	23 18	23 11	8 46		n.a.
S 23	17 51	1s46	5 5	17 35	2 37	0 43	2 27	25 3	1 18	24 14	0 36	0 38	2 24	15 43	0 47	14 9	1 38	30 44	6 54	23 19	23 11	8 49		n.a.
S 24	18 7	7 36	4 49	17 14	2 52	0 24	2 30	25 5	1 18	24 15	0 36	0 36	2 24	15 43	0 47	14 9	1 38	30 44	6 55	23 20	23 11	8 51		n.a.
M25	18 22	13 3	4 11	16 53	3 6	0 4	2 32	25 5	1 18	24 15	0 36	0 33	2 25	15 42	0 47	14 9	1 38	30 45	6 55	23 20	23 12	8 54		n.a.
T 26	18 37	17 39	3 16	16 32	3 19	0n16	2 35	25 6	1 18	24 15	0 37	0 31	2 25	15 42	0 47	14 9	1 38	30 45	6 55	23 21	23 12	8 56		n.a.
W27	18 52	21 2	2 8	16 11	3 32	0 37	2 37	25 7	1 18	24 16	0 37	0 29	2 25	15 42	0 47	14 9	1 38	30 45	6 55	23 21	23 12	8 59		n.a.
T 28	19 6	22 56	0 53	15 51	3 43	0 57	2 39	25 7	1 18	24 16	0 37	0 27	2 25	15 42	0 47	14 9	1 38	30 45	6 55	23 21	23 13	9 1		n.a.
F 29	19 21	23 18	0s23	15 33	3 53	1 18	2 41	25 7	1 18	24 17	0 37	0 24	2 25	15 42	0 47	14 9	1 38	30 45	6 56	23 21	23 13	9 4		n.a.
S 30	19 34	22 14	1 35	15 15	4 2	1 40	2 42	25 8	1 17	24 17	0 38	0 22	2 25	15 42	0 47	14 8	1 38	30 46	6 56	23 21	23 13	9 6		n.a.
S 31	19n48	19s57	2s40	14n59	4s 9	2n 1	2s44	25n 7	1n17	24s18	0s38	0s20	2s26	15s42	0s47	14n 8	1n38	30s46	6s56	23n21	23n13	9n 9		n.a.

Julian Day Number = 1289452.5, Delta T = 08h00m36s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'59, Lahiri = -20°16'58 Julian Calendar 1 May 1183 BCE == Greg. Calendar 20 Apr. 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

JUNE 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 52 57	27♉54'04	25♒ 8	23°R 9	12♈14	0♋59	6°R34	4♈47	20♒18	27♎18	1°R 2	11°R15	12♋34	5♉44	n.a.	M 1
T 2	15 56 53	28°51'10	7♓38	22♉38	13°13	1°36	6♏29	4°52	20°19	27°18	1♏ 1	11♋14	12°31	5°51	n.a.	T 2
W 3	16 0 50	29°48'16	19°53	22° 9	14°12	2°13	6°24	4°58	20°19	27°19	1° 0	11°12	12°28	5°58	n.a.	W 3
T 4	16 4 46	0♊45'23	1♈56	21°43	15°11	2°50	6°20	5° 4	20°19	27°19	0°59	11° 9	12°25	6° 4	n.a.	T 4
F 5	16 8 43	1°42'31	13°52	21°22	16°11	3°28	6°15	5° 9	20°19	27°20	0°58	11° 3	12°21	6°11	n.a.	F 5
S 6	16 12 39	2°39'39	25°44	21° 4	17°11	4° 5	6° 9	5°15	20°R19	27°20	0°57	10°57	12°18	6°18	n.a.	S 6
S 7	16 16 36	3°36'48	7♉35	20°52	18°11	4°42	6° 4	5°20	20°19	27°21	0°55	10°50	12°15	6°24	n.a.	S 7
M 8	16 20 32	4°33'58	19°27	20°44	19°12	5°20	5°58	5°25	20°19	27°21	0°54	10°43	12°12	6°31	n.a.	M 8
T 9	16 24 29	5°31'08	1♊23	20°D41	20°13	5°57	5°53	5°31	20°19	27°22	0°53	10°38	12° 9	6°38	n.a.	T 9
W10	16 28 26	6°28'19	13°24	20°44	21°14	6°35	5°47	5°36	20°19	27°23	0°52	10°33	12° 5	6°45	n.a.	W10
T 11	16 32 22	7°25'31	25°32	20°52	22°16	7°12	5°41	5°41	20°19	27°23	0°51	10°31	12° 2	6°51	n.a.	T 11
F 12	16 36 19	8°22'43	7♋49	21° 6	23°17	7°50	5°35	5°46	20°18	27°24	0°49	10°D30	11°59	6°58	n.a.	F 12
S 13	16 40 15	9°19'56	20°16	21°25	24°20	8°27	5°29	5°51	20°18	27°25	0°48	10°30	11°56	7° 5	n.a.	S 13
S 14	16 44 12	10°17'10	2♌56	21°50	25°22	9° 5	5°23	5°56	20°18	27°26	0°47	10°31	11°53	7°11	n.a.	S 14
M15	16 48 8	11°14'23	15°52	22°21	26°25	9°42	5°16	6° 0	20°17	27°26	0°46	10°33	11°50	7°18	n.a.	M15
T 16	16 52 5	12°11'38	29° 5	22°58	27°28	10°20	5°10	6° 5	20°17	27°27	0°44	10°34	11°46	7°25	n.a.	T 16
W17	16 56 2	13° 8'53	12♍39	23°40	28°31	10°58	5° 3	6°10	20°16	27°28	0°43	10°R35	11°43	7°32	n.a.	W17
T 18	16 59 58	14° 6'08	26°34	24°28	29°34	11°35	4°56	6°14	20°16	27°29	0°42	10°34	11°40	7°38	n.a.	T 18
F 19	17 3 55	15° 3'24	10♎51	25°22	0♉38	12°13	4°49	6°19	20°15	27°30	0°40	10°33	11°37	7°45	n.a.	F 19
S 20	17 7 51	16° 0'41	25°26	26°21	1°42	12°51	4°42	6°23	20°15	27°31	0°39	10°30	11°34	7°52	n.a.	S 20
S 21	17 11 48	16°57'58	10♏16	27°25	2°46	13°29	4°35	6°27	20°14	27°32	0°38	10°27	11°31	7°58	n.a.	S 21
M22	17 15 44	17°55'17	25°13	28°35	3°50	14° 6	4°28	6°32	20°13	27°33	0°37	10°24	11°27	8° 5	n.a.	M22
T 23	17 19 41	18°52'36	10♐ 9	29°50	4°55	14°44	4°21	6°36	20°13	27°34	0°35	10°22	11°24	8°12	n.a.	T 23
W24	17 23 37	19°49'56	24°56	1♊10	6° 0	15°22	4°14	6°40	20°12	27°35	0°34	10°20	11°21	8°19	n.a.	W24
T 25	17 27 34	20°47'18	9♑27	2°34	7° 5	16° 0	4° 6	6°44	20°11	27°36	0°33	10°D20	11°18	8°25	n.a.	T 25
F 26	17 31 31	21°44'40	23°35	4° 4	8°10	16°38	3°59	6°47	20°10	27°37	0°31	10°20	11°15	8°32	n.a.	F 26
S 27	17 35 27	22°42'04	7♒19	5°38	9°15	17°16	3°51	6°51	20° 9	27°38	0°30	10°21	11°11	8°39	n.a.	S 27
S 28	17 39 24	23°39'29	20°38	7°16	10°21	17°54	3°44	6°55	20° 8	27°39	0°29	10°22	11° 8	8°45	n.a.	S 28
M29	17 43 20	24°36'56	3♓32	8°58	11°27	18°32	3°36	6°58	20° 7	27°41	0°27	10°23	11° 5	8°52	n.a.	M29
T 30	17 47 17	25♊34'24	16♓ 6	10♊43	12♉33	19♋10	3♏29	7♈ 2	20♒ 6	27♎42	0♏26	10♋24	11♋ 2	8♉59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 1	16s43	3s35	14n45	4s15	2n23	2s45	25n 7	1n17	24s18	0s38	0s18	2s26	15s42	0s47	14n 8	1n38	30s46	6s56	23n21	23n14	9n12		n.a.
T 2	20 14	12 49	4 18	14 33	4 20	2 45	2 47	25 7	1 17	24 19	0 38	0 16	2 26	15 42	0 47	14 8	1 38	30 46	6 56	23 21	23 14	9 14		n.a.
W 3	20 27	8 29	4 49	14 23	4 22	3 7	2 48	25 6	1 17	24 19	0 39	0 14	2 26	15 42	0 47	14 8	1 38	30 46	6 57	23 21	23 14	9 17		n.a.
T 4	20 39	3 53	5 6	14 15	4 24	3 29	2 49	25 5	1 17	24 20	0 39	0 11	2 26	15 42	0 47	14 7	1 37	30 47	6 57	23 22	23 15	9 19		n.a.
F 5	20 51	0n49	5 9	14 10	4 24	3 52	2 50	25 4	1 17	24 20	0 39	0 9	2 27	15 42	0 47	14 7	1 37	30 47	6 57	23 22	23 15	9 22		n.a.
S 6	21 2	5 28	5 0	14 7	4 22	4 14	2 50	25 3	1 17	24 21	0 39	0 7	2 27	15 42	0 47	14 7	1 37	30 47	6 57	23 22	23 15	9 24		n.a.
S 7	21 13	9 54	4 37	14 6	4 19	4 37	2 51	25 1	1 17	24 21	0 39	0 5	2 27	15 42	0 47	14 7	1 37	30 47	6 57	23 23	23 16	9 27		n.a.
M 8	21 24	14 0	4 2	14 8	4 15	5 0	2 51	25 0	1 16	24 22	0 40	0 3	2 27	15 42	0 47	14 7	1 37	30 47	6 57	23 24	23 16	9 29		n.a.
T 9	21 35	17 34	3 17	14 13	4 9	5 23	2 51	24 58	1 16	24 22	0 40	0 2	2 27	15 42	0 47	14 6	1 37	30 47	6 58	23 24	23 16	9 32		n.a.
W10	21 45	20 26	2 22	14 20	4 2	5 46	2 51	24 56	1 16	24 22	0 40	0n 0	2 28	15 42	0 47	14 6	1 37	30 48	6 58	23 24	23 16	9 34		n.a.
T 11	21 55	22 25	1 21	14 30	3 54	6 10	2 51	24 54	1 16	24 23	0 40	0 2	2 28	15 42	0 47	14 6	1 37	30 48	6 58	23 25	23 17	9 37		n.a.
F 12	22 4	23 21	0 15	14 42	3 46	6 33	2 51	24 52	1 16	24 23	0 41	0 4	2 28	15 42	0 47	14 5	1 37	30 48	6 58	23 25	23 17	9 40		n.a.
S 13	22 13	23 9	0n53	14 57	3 36	6 56	2 51	24 49	1 16	24 24	0 41	0 6	2 28	15 42	0 47	14 5	1 37	30 48	6 58	23 25	23 17	9 42		n.a.
S 14	22 22	21 46	2 0	15 13	3 25	7 20	2 51	24 46	1 16	24 24	0 41	0 7	2 29	15 42	0 47	14 5	1 37	30 48	6 58	23 25	23 18	9 45		n.a.
M15	22 30	19 14	3 2	15 32	3 14	7 43	2 50	24 44	1 15	24 25	0 41	0 9	2 29	15 43	0 47	14 5	1 37	30 48	6 58	23 24	23 18	9 47		n.a.
T 16	22 38	15 39	3 55	15 53	3 2	8 6	2 50	24 40	1 15	24 25	0 42	0 11	2 29	15 43	0 47	14 4	1 37	30 48	6 59	23 24	23 18	9 50		n.a.
W17	22 45	11 11	4 38	16 16	2 50	8 30	2 49	24 37	1 15	24 26	0 42	0 13	2 29	15 43	0 48	14 4	1 37	30 49	6 59	23 24	23 18	9 52		n.a.
T 18	22 52	6 2	5 5	16 40	2 37	8 53	2 48	24 34	1 15	24 26	0 42	0 14	2 29	15 43	0 48	14 4	1 37	30 49	6 59	23 24	23 19	9 55		n.a.
F 19	22 59	0 26	5 14	17 6	2 23	9 17	2 47	24 30	1 15	24 27	0 42	0 16	2 30	15 43	0 48	14 3	1 37	30 49	6 59	23 24	23 19	9 57		n.a.
S 20	23 5	5s18	5 3	17 33	2 10	9 40	2 46	24 26	1 15	24 27	0 42	0 17	2 30	15 44	0 48	14 3	1 37	30 49	6 59	23 25	23 19	10 0		n.a.
S 21	23 11	10 50	4 33	18 2	1 56	10 3	2 45	24 22	1 14	24 28	0 43	0 19	2 30	15 44	0 48	14 2	1 37	30 49	6 59	23 25	23 20	10 2		n.a.
M22	23 17	15 46	3 43	18 31	1 42	10 27	2 43	24 18	1 14	24 28	0 43	0 20	2 30	15 44	0 48	14 2	1 37	30 49	6 59	23 25	23 20	10 5		n.a.
T 23	23 22	19 43	2 39	19 1	1 28	10 50	2 42	24 14	1 14	24 29	0 43	0 22	2 31	15 44	0 48	14 2	1 37	30 49	6 59	23 25	23 20	10 7		n.a.
W24	23 26	22 20	1 24	19 31	1 14	11 13	2 41	24 9	1 14	24 29	0 43	0 23	2 31	15 45	0 48	14 1	1 37	30 50	6 59	23 25	23 20	10 10		n.a.
T 25	23 30	23 25	0 5	20 2	1 0	11 36	2 39	24 5	1 14	24 30	0 43	0 24	2 31	15 45	0 48	14 1	1 37	30 50	7 0	23 26	23 21	10 13		n.a.
F 26	23 34	22 56	1s13	20 33	0 46	11 59	2 37	24 0	1 14	24 30	0 44	0 26	2 31	15 45	0 48	14 0	1 37	30 50	7 0	23 25	23 21	10 15		n.a.
S 27	23 38	21 3	2 24	21 4	0 33	12 21	2 36	23 55	1 13	24 30	0 44	0 27	2 32	15 46	0 48	14 0	1 36	30 50	7 0	23 25	23 21	10 18		n.a.
S 28	23 41	18 5	3 25	21 34	0 20	12 44	2 34	23 49	1 13	24 31	0 44	0 28	2 32	15 46	0 48	13 59	1 36	30 50	7 0	23 25	23 22	10 20		n.a.
M29	23 43	14 18	4 13	22 3	0 7	13 6	2 32	23 44	1 13	24 31	0 44	0 29	2 32	15 46	0 48	13 59	1 36	30 50	7 0	23 25	23 22	10 23		n.a.
T 30	23n46	9s59	4s48	22n31	0n 5	13n29	2s30	23n38	1n13	24s32	0s44	0n31	2s32	15s47	0s48	13n58	1n36	30s50	7s 0	23n25	23n22	10n25		n.a.

Julian Day Number = 1289483.5, Delta T = 08h00m34s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'54, Lahiri = -20°16'54 Julian Calendar 1 June 1183 BCE == Greg. Calendar 21 May 1183 BCE

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

JULY 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 51 13	26♊31'54	28♓22	12♊32	13♉39	19♋48	3°R21	7♈ 5	20°R 5	27♎43	0°R24	10°R24	10♋59	9♉ 6	n.a.	W 1
T 2	17 55 10	27°29'25	10♈26	14°24	14°45	20°26	3♏13	7° 9	20♒ 4	27°44	0♏23	10♋24	10°56	9°12	n.a.	T 2
F 3	17 59 6	28°26'57	22°22	16°18	15°52	21° 4	3° 5	7°12	20° 2	27°46	0°22	10°23	10°52	9°19	n.a.	F 3
S 4	18 3 3	29°24'32	4♉14	18°14	16°58	21°42	2°58	7°15	20° 1	27°47	0°20	10°22	10°49	9°26	n.a.	S 4
S 5	18 7 0	0♋22'08	16° 6	20°13	18° 5	22°21	2°50	7°18	20° 0	27°49	0°19	10°20	10°46	9°32	n.a.	S 5
M 6	18 10 56	1°19'45	28° 1	22°12	19°12	22°59	2°42	7°21	19°59	27°50	0°18	10°19	10°43	9°39	n.a.	M 6
T 7	18 14 53	2°17'24	10♊ 3	24°13	20°19	23°37	2°34	7°24	19°57	27°51	0°16	10°18	10°40	9°46	n.a.	T 7
W 8	18 18 49	3°15'05	22°13	26°15	21°27	24°16	2°26	7°26	19°56	27°53	0°15	10°17	10°37	9°52	n.a.	W 8
T 9	18 22 46	4°12'47	4♋34	28°17	22°34	24°54	2°18	7°29	19°54	27°54	0°14	10°D17	10°33	9°59	n.a.	T 9
F 10	18 26 42	5°10'31	17° 7	0♋19	23°42	25°32	2°11	7°31	19°53	27°56	0°12	10°17	10°30	10° 6	n.a.	F 10
S 11	18 30 39	6° 8'16	29°53	2°21	24°50	26°11	2° 3	7°34	19°51	27°57	0°11	10°17	10°27	10°13	n.a.	S 11
S 12	18 34 36	7° 6'03	12♌52	4°22	25°58	26°49	1°55	7°36	19°50	27°59	0° 9	10°17	10°24	10°19	n.a.	S 12
M13	18 38 32	8° 3'51	26° 5	6°23	27° 6	27°28	1°47	7°38	19°48	28° 0	0° 8	10°18	10°21	10°26	n.a.	M13
T 14	18 42 29	9° 1'40	9♍32	8°23	28°14	28° 6	1°39	7°40	19°47	28° 2	0° 7	10°18	10°17	10°33	n.a.	T 14
W15	18 46 25	9°59'31	23°13	10°23	29°23	28°45	1°32	7°42	19°45	28° 4	0° 5	10°R18	10°14	10°39	n.a.	W15
T 16	18 50 22	10°57'23	7♎ 9	12°21	0♊31	29°23	1°24	7°44	19°43	28° 5	0° 4	10°D18	10°11	10°46	n.a.	T 16
F 17	18 54 18	11°55'16	21°17	14°19	1°40	0♌ 2	1°16	7°46	19°42	28° 7	0° 3	10°18	10° 8	10°53	n.a.	F 17
S 18	18 58 15	12°53'11	5♏36	16°15	2°49	0°41	1° 9	7°48	19°40	28° 9	0° 1	10°18	10° 5	11° 0	n.a.	S 18
S 19	19 2 11	13°51'08	20° 4	18°10	3°58	1°19	1° 1	7°49	19°38	28°10	0° 0	10°18	10° 2	11° 6	n.a.	S 19
M20	19 6 8	14°49'05	4♐35	20° 4	5° 7	1°58	0°54	7°51	19°36	28°12	29♐59	10°19	9°58	11°13	n.a.	M20
T 21	19 10 4	15°47'05	19° 6	21°57	6°16	2°37	0°47	7°52	19°34	28°14	29°57	10°19	9°55	11°20	n.a.	T 21
W22	19 14 1	16°45'06	3♑31	23°49	7°25	3°16	0°39	7°53	19°32	28°15	29°56	10°R19	9°52	11°26	n.a.	W22
T 23	19 17 58	17°43'09	17°44	25°39	8°35	3°55	0°32	7°54	19°31	28°17	29°55	10°19	9°49	11°33	n.a.	T 23
F 24	19 21 54	18°41'13	1♒41	27°28	9°44	4°33	0°25	7°55	19°29	28°19	29°54	10°19	9°46	11°40	n.a.	F 24
S 25	19 25 51	19°39'20	15°19	29°16	10°54	5°12	0°18	7°56	19°27	28°21	29°52	10°18	9°43	11°46	n.a.	S 25
S 26	19 29 47	20°37'28	28°36	1♌ 2	12° 4	5°51	0°11	7°57	19°25	28°23	29°51	10°17	9°39	11°53	n.a.	S 26
M27	19 33 44	21°35'39	11♓32	2°47	13°14	6°30	0° 4	7°58	19°23	28°25	29°50	10°15	9°36	12° 0	n.a.	M27
T 28	19 37 40	22°33'51	24° 7	4°31	14°24	7° 9	29♐58	7°58	19°20	28°26	29°49	10°14	9°33	12° 7	n.a.	T 28
W29	19 41 37	23°32'06	6♈26	6°14	15°34	7°48	29°51	7°59	19°18	28°28	29°47	10°13	9°30	12°13	n.a.	W29
T 30	19 45 33	24°30'23	18°31	7°56	16°44	8°27	29°45	7°59	19°16	28°30	29°46	10°12	9°27	12°20	n.a.	T 30
F 31	19 49 30	25♋28'42	0♉27	9♌36	17♊55	9♌ 7	29♐38	8♈ 0	19♒14	28♎32	29♐45	10°D12	9♋23	12♉27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n47	5s22	5s 9	22n57	0n17	13n51	2s28	23n33	1n13	24s32	0s44	0n32	2s33	15s47	0s48	13n58	1n36	30s50	7s 0	23n25	23n22	10n28		n.a.
T 2	23 49	0 38	5 16	23 23	0 28	14 13	2 26	23 27	1 12	24 32	0 45	0 33	2 33	15 48	0 48	13 58	1 36	30 50	7 0	23 25	23 23	10 30		n.a.
F 3	23 49	4n 4	5 9	23 46	0 39	14 34	2 23	23 20	1 12	24 33	0 45	0 34	2 33	15 48	0 48	13 57	1 36	30 50	7 0	23 25	23 23	10 33		n.a.
S 4	23 50	8 36	4 49	24 7	0 49	14 56	2 21	23 14	1 12	24 33	0 45	0 35	2 33	15 48	0 48	13 57	1 36	30 50	7 0	23 25	23 23	10 35		n.a.
S 5	23 50	12 50	4 17	24 26	0 58	15 17	2 19	23 8	1 12	24 33	0 45	0 36	2 34	15 49	0 48	13 56	1 36	30 51	7 0	23 25	23 23	10 38		n.a.
M 6	23 50	16 35	3 33	24 42	1 6	15 38	2 16	23 1	1 12	24 34	0 45	0 37	2 34	15 49	0 48	13 55	1 36	30 51	7 1	23 26	23 24	10 40		n.a.
T 7	23 49	19 41	2 40	24 56	1 14	15 58	2 14	22 54	1 11	24 34	0 45	0 38	2 34	15 50	0 48	13 55	1 36	30 51	7 1	23 26	23 24	10 43		n.a.
W 8	23 48	21 58	1 38	25 8	1 21	16 19	2 11	22 47	1 11	24 34	0 46	0 38	2 35	15 50	0 48	13 54	1 36	30 51	7 1	23 26	23 24	10 45		n.a.
T 9	23 46	23 14	0 32	25 16	1 27	16 39	2 9	22 40	1 11	24 35	0 46	0 39	2 35	15 51	0 48	13 54	1 36	30 51	7 1	23 26	23 24	10 48		n.a.
F 10	23 44	23 21	0n38	25 22	1 32	16 59	2 6	22 32	1 11	24 35	0 46	0 40	2 35	15 51	0 48	13 53	1 36	30 51	7 1	23 26	23 25	10 50		n.a.
S 11	23 41	22 15	1 47	25 25	1 36	17 18	2 3	22 25	1 10	24 35	0 46	0 41	2 35	15 52	0 48	13 53	1 36	30 51	7 1	23 26	23 25	10 53		n.a.
S 12	23 38	19 57	2 51	25 26	1 40	17 37	2 0	22 17	1 10	24 35	0 46	0 41	2 36	15 52	0 48	13 52	1 36	30 51	7 1	23 26	23 25	10 55		n.a.
M13	23 35	16 35	3 48	25 24	1 43	17 56	1 57	22 9	1 10	24 36	0 46	0 42	2 36	15 53	0 48	13 52	1 36	30 51	7 1	23 26	23 25	10 58		n.a.
T 14	23 31	12 19	4 33	25 19	1 45	18 14	1 55	22 1	1 10	24 36	0 46	0 42	2 36	15 53	0 48	13 51	1 36	30 51	7 1	23 26	23 26	11 1		n.a.
W15	23 27	7 21	5 3	25 12	1 47	18 32	1 52	21 53	1 10	24 36	0 47	0 43	2 36	15 54	0 48	13 50	1 36	30 51	7 1	23 26	23 26	11 3		n.a.
T 16	23 22	1 57	5 17	25 2	1 48	18 50	1 49	21 45	1 9	24 36	0 47	0 44	2 37	15 55	0 49	13 50	1 36	30 51	7 1	23 26	23 26	11 6		n.a.
F 17	23 17	3s38	5 11	24 50	1 48	19 7	1 46	21 36	1 9	24 37	0 47	0 44	2 37	15 55	0 49	13 49	1 36	30 51	7 1	23 26	23 26	11 8		n.a.
S 18	23 12	9 6	4 47	24 36	1 48	19 23	1 42	21 27	1 9	24 37	0 47	0 44	2 37	15 56	0 49	13 49	1 36	30 51	7 1	23 26	23 27	11 11		n.a.
S 19	23 6	14 8	4 4	24 20	1 47	19 40	1 39	21 18	1 9	24 37	0 47	0 45	2 38	15 56	0 49	13 48	1 36	30 51	7 1	23 26	23 27	11 13		n.a.
M20	23 0	18 22	3 5	24 2	1 45	19 56	1 36	21 9	1 8	24 37	0 47	0 45	2 38	15 57	0 49	13 47	1 36	30 51	7 1	23 26	23 27	11 16		n.a.
T 21	22 53	21 28	1 55	23 42	1 43	20 11	1 33	21 0	1 8	24 37	0 47	0 45	2 38	15 58	0 49	13 47	1 36	30 51	7 1	23 26	23 27	11 18		n.a.
W22	22 46	23 10	0 38	23 21	1 41	20 26	1 30	20 51	1 8	24 37	0 47	0 46	2 38	15 58	0 49	13 46	1 36	30 51	7 1	23 26	23 28	11 21		n.a.
T 23	22 38	23 19	0s41	22 58	1 38	20 40	1 27	20 41	1 8	24 37	0 47	0 46	2 39	15 59	0 49	13 45	1 36	30 51	7 1	23 26	23 28	11 23		n.a.
F 24	22 30	21 59	1 56	22 33	1 34	20 54	1 23	20 32	1 7	24 38	0 48	0 46	2 39	16 0	0 49	13 45	1 36	30 51	7 1	23 26	23 28	11 26		n.a.
S 25	22 22	19 24	3 2	22 7	1 31	21 8	1 20	20 22	1 7	24 38	0 48	0 46	2 39	16 0	0 49	13 44	1 36	30 51	7 1	23 26	23 28	11 28		n.a.
S 26	22 13	15 50	3 57	21 40	1 27	21 21	1 17	20 12	1 7	24 38	0 48	0 46	2 40	16 1	0 49	13 43	1 36	30 51	7 1	23 26	23 29	11 31		n.a.
M27	22 4	11 37	4 38	21 11	1 22	21 33	1 13	20 2	1 7	24 38	0 48	0 46	2 40	16 2	0 49	13 43	1 36	30 51	7 1	23 26	23 29	11 33		n.a.
T 28	21 55	7 0	5 4	20 42	1 17	21 45	1 10	19 51	1 6	24 38	0 48	0 46	2 40	16 2	0 49	13 42	1 36	30 51	7 1	23 26	23 29	11 36		n.a.
W29	21 45	2 13	5 16	20 11	1 12	21 56	1 7	19 41	1 6	24 38	0 48	0 46	2 40	16 3	0 49	13 41	1 35	30 51	7 1	23 26	23 29	11 38		n.a.
T 30	21 34	2n34	5 13	19 39	1 7	22 7	1 3	19 30	1 6	24 38	0 48	0 46	2 41	16 4	0 49	13 41	1 35	30 51	7 1	23 26	23 30	11 41		n.a.
F 31	21n24	7n12	4s57	19n 7	1n 1	22n17	1s 0	19n19	1n 5	24s38	0s48	0n46	2s41	16s 4	0s49	13n40	1n35	30s51	7s 1	23n26	23n30	11n43		n.a.

Julian Day Number = 1289513.5, Delta T = 08h00m33s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'50, Lahiri = -20°16'50 Julian Calendar 1 July 1183 BCE == Greg. Calendar 20 June 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

AUGUST 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 27	26♋27'03	12♉19	11♌16	19♊ 5	9♌46	29°R32	8♈ 0	19°R12	28♌34	29°R44	10♋13	9♋20	12♉33	n.a.	S 1
S 2	19 57 23	27°25'27	24°12	12°54	20°16	10°25	29♐26	8°R 0	19♒10	28°36	29♐43	10°14	9°17	12°40	n.a.	S 2
M 3	20 1 20	28°23'53	6♊ 9	14°31	21°26	11° 4	29°20	8° 0	19° 8	28°38	29°41	10°15	9°14	12°47	n.a.	M 3
T 4	20 5 16	29°22'21	18°16	16° 7	22°37	11°43	29°14	7°59	19° 5	28°40	29°40	10°17	9°11	12°53	n.a.	T 4
W 5	20 9 13	0♌20'51	0♋34	17°41	23°48	12°23	29° 9	7°59	19° 3	28°42	29°39	10°18	9° 8	13° 0	n.a.	W 5
T 6	20 13 9	1°19'24	13° 8	19°15	24°59	13° 2	29° 3	7°59	19° 1	28°44	29°38	10°R18	9° 4	13° 7	n.a.	T 6
F 7	20 17 6	2°17'58	25°59	20°48	26°10	13°42	28°58	7°58	18°59	28°46	29°37	10°17	9° 1	13°14	n.a.	F 7
S 8	20 21 2	3°16'35	9♌ 6	22°19	27°22	14°21	28°52	7°58	18°56	28°48	29°36	10°16	8°58	13°20	n.a.	S 8
S 9	20 24 59	4°15'14	22°30	23°49	28°33	15° 1	28°47	7°57	18°54	28°50	29°35	10°13	8°55	13°27	n.a.	S 9
M10	20 28 56	5°13'55	6♍ 9	25°19	29°45	15°40	28°42	7°56	18°52	28°52	29°34	10° 9	8°52	13°34	n.a.	M10
T 11	20 32 52	6°12'37	19°59	26°47	0♋56	16°20	28°38	7°55	18°49	28°54	29°33	10° 5	8°48	13°40	n.a.	T 11
W12	20 36 49	7°11'22	3♎59	28°14	2° 8	16°59	28°33	7°54	18°47	28°57	29°32	10° 2	8°45	13°47	n.a.	W12
T 13	20 40 45	8°10'08	18° 6	29°40	3°20	17°39	28°29	7°53	18°45	28°59	29°31	9°59	8°42	13°54	n.a.	T 13
F 14	20 44 42	9° 8'56	2♏16	1♍ 4	4°31	18°19	28°24	7°52	18°42	29° 1	29°30	9°58	8°39	14° 0	n.a.	F 14
S 15	20 48 38	10° 7'46	16°27	2°28	5°43	18°58	28°20	7°50	18°40	29° 3	29°29	9°D58	8°36	14° 7	n.a.	S 15
S 16	20 52 35	11° 6'38	0♐38	3°50	6°55	19°38	28°17	7°49	18°38	29° 5	29°28	9°59	8°33	14°14	n.a.	S 16
M17	20 56 31	12° 5'32	14°46	5°11	8° 7	20°18	28°13	7°47	18°35	29° 7	29°27	10° 0	8°29	14°21	n.a.	M17
T 18	21 0 28	13° 4'28	28°50	6°31	9°20	20°58	28° 9	7°45	18°33	29° 9	29°26	10° 2	8°26	14°27	n.a.	T 18
W19	21 4 24	14° 3'26	12♑47	7°50	10°32	21°38	28° 6	7°44	18°30	29°12	29°25	10°R 2	8°23	14°34	n.a.	W19
T 20	21 8 21	15° 2'25	26°35	9° 7	11°44	22°18	28° 3	7°42	18°28	29°14	29°24	10° 1	8°20	14°41	n.a.	T 20
F 21	21 12 18	16° 1'27	10♒11	10°22	12°57	22°58	28° 0	7°40	18°26	29°16	29°23	9°58	8°17	14°47	n.a.	F 21
S 22	21 16 14	17° 0'31	23°33	11°36	14° 9	23°38	27°57	7°38	18°23	29°18	29°22	9°53	8°14	14°54	n.a.	S 22
S 23	21 20 11	17°59'37	6♓40	12°49	15°22	24°18	27°54	7°35	18°21	29°20	29°22	9°47	8°10	15° 1	n.a.	S 23
M24	21 24 7	18°58'45	19°29	13°59	16°35	24°58	27°52	7°33	18°18	29°23	29°21	9°40	8° 7	15° 7	n.a.	M24
T 25	21 28 4	19°57'56	2♈ 2	15° 8	17°47	25°38	27°50	7°31	18°16	29°25	29°20	9°34	8° 4	15°14	n.a.	T 25
W26	21 32 0	20°57'08	14°19	16°15	19° 0	26°18	27°48	7°28	18°13	29°27	29°19	9°27	8° 1	15°21	n.a.	W26
T 27	21 35 57	21°56'24	26°24	17°20	20°13	26°58	27°46	7°26	18°11	29°29	29°19	9°22	7°58	15°28	n.a.	T 27
F 28	21 39 53	22°55'42	8♉20	18°22	21°26	27°38	27°44	7°23	18° 9	29°31	29°18	9°19	7°54	15°34	n.a.	F 28
S 29	21 43 50	23°55'02	20°11	19°22	22°39	28°19	27°43	7°20	18° 6	29°34	29°17	9°D18	7°51	15°41	n.a.	S 29
S 30	21 47 46	24°54'25	2♊ 2	20°19	23°52	28°59	27°42	7°17	18° 4	29°36	29°16	9°18	7°48	15°48	n.a.	S 30
M31	21 51 43	25♌53'50	13♊59	21♍13	25♋ 6	29♌39	27♐41	7♈14	18♒ 1	29♌38	29♐16	9♋19	7♋45	15♉54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n13	11n32	4s28	18n34	0n55	22n26	0s57	19n 9	1n 5	24s38	0s48	0n46	2s41	16s 5	0s49	13n39	1n35	30s51	7s 1	23n26	23n30	11n46		n.a.
S 2	21 1	15 27	3 48	18 0	0 49	22 35	0 53	18 58	1 5	24 38	0 48	0 45	2 41	16 6	0 49	13 38	1 35	30 51	7 1	23 26	23 30	11 48		n.a.
M 3	20 49	18 47	2 57	17 25	0 42	22 44	0 50	18 46	1 5	24 38	0 48	0 45	2 42	16 6	0 49	13 38	1 35	30 51	7 1	23 26	23 30	11 51		n.a.
T 4	20 37	21 20	1 59	16 50	0 36	22 51	0 46	18 35	1 4	24 38	0 48	0 45	2 42	16 7	0 49	13 37	1 35	30 51	7 1	23 26	23 31	11 53		n.a.
W 5	20 25	22 57	0 53	16 15	0 29	22 58	0 43	18 23	1 4	24 38	0 48	0 44	2 42	16 8	0 49	13 36	1 35	30 51	7 1	23 26	23 31	11 56		n.a.
T 6	20 12	23 26	0n16	15 38	0 22	23 5	0 39	18 12	1 4	24 38	0 48	0 44	2 43	16 9	0 49	13 36	1 35	30 51	7 1	23 26	23 31	11 58		n.a.
F 7	19 58	22 42	1 25	15 2	0 15	23 11	0 36	18 0	1 3	24 38	0 49	0 44	2 43	16 9	0 49	13 35	1 35	30 51	7 1	23 26	23 31	12 1		n.a.
S 8	19 45	20 43	2 32	14 25	0 8	23 16	0 33	17 48	1 3	24 38	0 49	0 43	2 43	16 10	0 49	13 34	1 35	30 51	7 1	23 26	23 32	12 3		n.a.
S 9	19 31	17 34	3 31	13 48	0 0	23 20	0 29	17 36	1 3	24 38	0 49	0 42	2 43	16 11	0 49	13 33	1 35	30 51	7 1	23 26	23 32	12 6		n.a.
M10	19 16	13 25	4 20	13 11	0s 7	23 24	0 26	17 24	1 3	24 38	0 49	0 42	2 44	16 12	0 49	13 33	1 35	30 51	7 1	23 26	23 32	12 8		n.a.
T 11	19 2	8 31	4 54	12 33	0 15	23 27	0 23	17 11	1 2	24 38	0 49	0 41	2 44	16 12	0 49	13 32	1 35	30 51	7 1	23 27	23 32	12 10		n.a.
W12	18 47	3 8	5 11	11 56	0 23	23 30	0 19	16 59	1 2	24 38	0 49	0 41	2 44	16 13	0 49	13 31	1 35	30 51	7 1	23 27	23 32	12 13		n.a.
T 13	18 31	2s27	5 10	11 18	0 31	23 32	0 16	16 46	1 2	24 38	0 49	0 40	2 44	16 14	0 49	13 30	1 35	30 51	7 1	23 27	23 33	12 15		n.a.
F 14	18 16	7 56	4 50	10 40	0 38	23 33	0 13	16 34	1 1	24 38	0 49	0 39	2 45	16 15	0 49	13 29	1 35	30 51	7 1	23 27	23 33	12 18		n.a.
S 15	18 0	13 1	4 12	10 3	0 46	23 33	0 9	16 21	1 1	24 38	0 49	0 38	2 45	16 15	0 49	13 29	1 35	30 51	7 1	23 27	23 33	12 20		n.a.
S 16	17 44	17 23	3 19	9 25	0 54	23 33	0 6	16 8	1 1	24 38	0 49	0 38	2 45	16 16	0 49	13 28	1 35	30 51	7 1	23 27	23 33	12 23		n.a.
M17	17 27	20 44	2 14	8 48	1 2	23 32	0 3	15 55	1 0	24 38	0 49	0 37	2 45	16 17	0 49	13 27	1 35	30 51	7 1	23 27	23 33	12 25		n.a.
T 18	17 10	22 49	1 1	8 11	1 10	23 30	0n 0	15 41	1 0	24 38	0 49	0 36	2 46	16 18	0 49	13 26	1 35	30 50	7 0	23 27	23 34	12 28		n.a.
W19	16 53	23 27	0s15	7 34	1 18	23 28	0 3	15 28	1 0	24 38	0 49	0 35	2 46	16 18	0 49	13 26	1 35	30 50	7 0	23 27	23 34	12 30		n.a.
T 20	16 35	22 38	1 29	6 57	1 26	23 25	0 7	15 15	0 59	24 38	0 49	0 34	2 46	16 19	0 49	13 25	1 35	30 50	7 0	23 27	23 34	12 33		n.a.
F 21	16 18	20 30	2 37	6 21	1 34	23 21	0 10	15 1	0 59	24 38	0 49	0 33	2 46	16 20	0 49	13 24	1 35	30 50	7 0	23 27	23 34	12 35		n.a.
S 22	16 0	17 15	3 35	5 46	1 42	23 17	0 13	14 47	0 59	24 38	0 49	0 32	2 47	16 21	0 49	13 23	1 35	30 50	7 0	23 28	23 34	12 38		n.a.
S 23	15 41	13 13	4 20	5 10	1 50	23 12	0 16	14 33	0 58	24 38	0 49	0 31	2 47	16 21	0 49	13 22	1 35	30 50	7 0	23 28	23 35	12 40		n.a.
M24	15 23	8 40	4 51	4 36	1 57	23 6	0 19	14 19	0 58	24 38	0 49	0 29	2 47	16 22	0 49	13 22	1 35	30 50	7 0	23 29	23 35	12 43		n.a.
T 25	15 4	3 51	5 7	4 2	2 5	22 59	0 22	14 5	0 58	24 38	0 49	0 28	2 47	16 23	0 49	13 21	1 35	30 50	7 0	23 29	23 35	12 45		n.a.
W26	14 45	1n 1	5 8	3 29	2 13	22 52	0 25	13 51	0 57	24 38	0 49	0 27	2 48	16 24	0 49	13 20	1 35	30 50	7 0	23 29	23 35	12 48		n.a.
T 27	14 26	5 46	4 56	2 57	2 20	22 44	0 28	13 37	0 57	24 38	0 49	0 26	2 48	16 24	0 49	13 19	1 35	30 50	7 0	23 30	23 35	12 50		n.a.
F 28	14 6	10 15	4 31	2 26	2 27	22 36	0 30	13 22	0 57	24 38	0 49	0 25	2 48	16 25	0 49	13 19	1 35	30 50	7 0	23 30	23 36	12 52		n.a.
S 29	13 46	14 19	3 54	1 56	2 34	22 27	0 33	13 8	0 56	24 38	0 49	0 23	2 48	16 26	0 49	13 18	1 35	30 50	7 0	23 30	23 36	12 55		n.a.
S 30	13 26	17 51	3 8	1 27	2 40	22 17	0 36	12 53	0 56	24 38	0 49	0 22	2 49	16 27	0 49	13 17	1 35	30 50	7 0	23 30	23 36	12 57		n.a.
M31	13n 6	20n40	2s13	0n59	2s47	22n 6	0n39	12n39	0n55	24s38	0s49	0n20	2s49	16s27	0s49	13n16	1n35	30s49	6s59	23n30	23n36	13n 0		n.a.

Julian Day Number = 1289544.5, Delta T = 08h00m31s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'46, Lahiri = -20°16'46 Julian Calendar 1 Aug. 1183 BCE == Greg. Calendar 21 July 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

SEPTEMBER 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 40	26♌53'17	26♊ 6	22♍ 5	26♋19	0♍20	27°R40	7°R11	17°R59	29♌40	29°R15	9♋21	7♋42	16♉ 1	n.a.	T 1
W 2	21 59 36	27°52'47	8♋29	22°52	27°32	1° 0	27♐39	7♈ 8	17♒57	29°43	29♐15	9°R21	7°39	16° 8	n.a.	W 2
T 3	22 3 33	28°52'20	21°10	23°36	28°46	1°41	27°39	7° 5	17°54	29°45	29°14	9°21	7°35	16°14	n.a.	T 3
F 4	22 7 29	29°51'55	4♌14	24°15	29°59	2°21	27°39	7° 1	17°52	29°47	29°14	9°18	7°32	16°21	n.a.	F 4
S 5	22 11 26	0♍51'32	17°40	24°50	1♌13	3° 2	27°D39	6°58	17°50	29°49	29°13	9°13	7°29	16°28	n.a.	S 5
S 6	22 15 22	1°51'11	1♍28	25°20	2°27	3°43	27°39	6°54	17°47	29°52	29°13	9° 5	7°26	16°34	n.a.	S 6
M 7	22 19 19	2°50'53	15°34	25°45	3°40	4°23	27°39	6°51	17°45	29°54	29°12	8°57	7°23	16°41	n.a.	M 7
T 8	22 23 15	3°50'36	29°54	26° 3	4°54	5° 4	27°40	6°47	17°43	29°56	29°12	8°48	7°20	16°48	n.a.	T 8
W 9	22 27 12	4°50'21	14♎20	26°15	6° 8	5°45	27°40	6°43	17°40	29°58	29°11	8°39	7°16	16°55	n.a.	W 9
T 10	22 31 9	5°50'09	28°48	26°R19	7°22	6°26	27°41	6°40	17°38	0♍ 0	29°11	8°32	7°13	17° 1	n.a.	T 10
F 11	22 35 5	6°49'58	13♏12	26°16	8°36	7° 7	27°43	6°36	17°36	0° 3	29°11	8°28	7°10	17° 8	n.a.	F 11
S 12	22 39 2	7°49'49	27°28	26° 5	9°50	7°48	27°44	6°32	17°34	0° 5	29°10	8°25	7° 7	17°15	n.a.	S 12
S 13	22 42 58	8°49'42	11♐34	25°46	11° 4	8°28	27°46	6°28	17°31	0° 7	29°10	8°D25	7° 4	17°21	n.a.	S 13
M14	22 46 55	9°49'37	25°29	25°17	12°18	9° 9	27°47	6°24	17°29	0° 9	29°10	8°25	7° 0	17°28	n.a.	M14
T 15	22 50 51	10°49'34	9♑12	24°40	13°33	9°51	27°49	6°19	17°27	0°12	29° 9	8°R26	6°57	17°35	n.a.	T 15
W16	22 54 48	11°49'32	22°46	23°54	14°47	10°32	27°51	6°15	17°25	0°14	29° 9	8°25	6°54	17°41	n.a.	W16
T 17	22 58 44	12°49'32	6♒ 8	22°59	16° 1	11°13	27°54	6°11	17°23	0°16	29° 9	8°22	6°51	17°48	n.a.	T 17
F 18	23 2 41	13°49'34	19°20	21°57	17°15	11°54	27°56	6° 7	17°21	0°18	29° 9	8°16	6°48	17°55	n.a.	F 18
S 19	23 6 37	14°49'38	2♓21	20°48	18°30	12°35	27°59	6° 2	17°19	0°20	29° 9	8° 7	6°45	18° 1	n.a.	S 19
S 20	23 10 34	15°49'44	15°10	19°35	19°44	13°16	28° 2	5°58	17°17	0°23	29° 9	7°56	6°41	18° 8	n.a.	S 20
M21	23 14 31	16°49'51	27°47	18°18	20°59	13°58	28° 5	5°53	17°15	0°25	29° 9	7°43	6°38	18°15	n.a.	M21
T 22	23 18 27	17°50'01	10♈11	17° 1	22°13	14°39	28° 8	5°49	17°13	0°27	29° 8	7°31	6°35	18°22	n.a.	T 22
W23	23 22 24	18°50'13	22°23	15°45	23°28	15°20	28°12	5°44	17°11	0°29	29° 8	7°18	6°32	18°28	n.a.	W23
T 24	23 26 20	19°50'27	4♉24	14°34	24°43	16° 2	28°16	5°39	17° 9	0°31	29°D 8	7° 8	6°29	18°35	n.a.	T 24
F 25	23 30 17	20°50'43	16°18	13°28	25°57	16°43	28°20	5°35	17° 7	0°33	29° 8	7° 0	6°25	18°42	n.a.	F 25
S 26	23 34 13	21°51'01	28° 7	12°31	27°12	17°25	28°24	5°30	17° 5	0°35	29° 9	6°55	6°22	18°48	n.a.	S 26
S 27	23 38 10	22°51'21	9♊56	11°44	28°27	18° 6	28°28	5°25	17° 3	0°38	29° 9	6°53	6°19	18°55	n.a.	S 27
M28	23 42 6	23°51'44	21°50	11° 7	29°42	18°48	28°32	5°21	17° 1	0°40	29° 9	6°D52	6°16	19° 2	n.a.	M28
T 29	23 46 3	24°52'08	3♋55	10°42	0♍56	19°30	28°37	5°16	17° 0	0°42	29° 9	6°R52	6°13	19° 8	n.a.	T 29
W30	23 50 0	25♍52'35	16♋15	10♍29	2♍11	20♍11	28♐42	5♈11	16♒58	0♍44	29♐ 9	6♋52	6♋10	19♉15	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n45	22n36	1s11	0n33	2s53	21n55	0n41	12n24	0n55	24s38	0s49	0n19	2s49	16s28	0s49	13n15	1n35	30s49	6s59	23n30	23n36	13n 2		n.a.
W 2	12 24	23 29	0 5	0 9	2 58	21 43	0 44	12 9	0 55	24 38	0 49	0 18	2 49	16 29	0 49	13 15	1 35	30 49	6 59	23 30	23 37	13 5		n.a.
T 3	12 3	23 11	1n 3	0s13	3 3	21 30	0 46	11 54	0 54	24 38	0 49	0 16	2 49	16 30	0 49	13 14	1 35	30 49	6 59	23 30	23 37	13 7		n.a.
F 4	11 42	21 37	2 10	0 33	3 8	21 17	0 49	11 39	0 54	24 38	0 49	0 15	2 50	16 30	0 49	13 13	1 35	30 49	6 59	23 30	23 37	13 10		n.a.
S 5	11 21	18 49	3 11	0 51	3 12	21 3	0 51	11 23	0 54	24 38	0 49	0 13	2 50	16 31	0 49	13 12	1 35	30 49	6 59	23 31	23 37	13 12		n.a.
S 6	10 59	14 54	4 2	1 6	3 16	20 49	0 54	11 8	0 53	24 38	0 49	0 11	2 50	16 32	0 49	13 11	1 35	30 49	6 59	23 31	23 37	13 14		n.a.
M 7	10 38	10 4	4 40	1 18	3 18	20 33	0 56	10 53	0 53	24 38	0 49	0 10	2 50	16 33	0 49	13 11	1 35	30 49	6 59	23 32	23 38	13 17		n.a.
T 8	10 16	4 38	5 1	1 27	3 20	20 18	0 58	10 37	0 52	24 38	0 49	0 8	2 50	16 33	0 49	13 10	1 35	30 49	6 59	23 32	23 38	13 19		n.a.
W 9	9 54	1s 5	5 4	1 33	3 21	20 1	1 0	10 22	0 52	24 38	0 49	0 7	2 50	16 34	0 49	13 9	1 35	30 48	6 59	23 33	23 38	13 22		n.a.
T 10	9 31	6 46	4 46	1 34	3 20	19 44	1 2	10 6	0 52	24 38	0 49	0 5	2 51	16 35	0 49	13 8	1 35	30 48	6 58	23 33	23 38	13 24		n.a.
F 11	9 9	12 4	4 11	1 32	3 19	19 27	1 5	9 50	0 51	24 38	0 49	0 3	2 51	16 35	0 49	13 7	1 35	30 48	6 58	23 34	23 38	13 27		n.a.
S 12	8 46	16 40	3 21	1 25	3 16	19 9	1 7	9 34	0 51	24 37	0 49	0 2	2 51	16 36	0 49	13 7	1 35	30 48	6 58	23 34	23 38	13 29		n.a.
S 13	8 24	20 16	2 18	1 13	3 12	18 50	1 8	9 18	0 50	24 37	0 49	0s 0	2 51	16 37	0 49	13 6	1 35	30 48	6 58	23 34	23 39	13 32		n.a.
M14	8 1	22 37	1 9	0 56	3 6	18 31	1 10	9 2	0 50	24 38	0 49	0 2	2 51	16 37	0 49	13 5	1 35	30 48	6 58	23 34	23 39	13 34		n.a.
T 15	7 38	23 35	0s 4	0 34	2 58	18 11	1 12	8 46	0 50	24 38	0 49	0 4	2 51	16 38	0 49	13 4	1 35	30 48	6 58	23 34	23 39	13 36		n.a.
W16	7 14	23 7	1 16	0 6	2 48	17 51	1 14	8 30	0 49	24 38	0 48	0 6	2 51	16 39	0 49	13 3	1 35	30 48	6 58	23 34	23 39	13 39		n.a.
T 17	6 51	21 20	2 22	0n27	2 36	17 30	1 15	8 14	0 49	24 38	0 48	0 7	2 52	16 39	0 49	13 3	1 35	30 48	6 58	23 34	23 39	13 41		n.a.
F 18	6 28	18 25	3 19	1 4	2 23	17 8	1 17	7 57	0 48	24 38	0 48	0 9	2 52	16 40	0 49	13 2	1 35	30 47	6 58	23 34	23 39	13 44		n.a.
S 19	6 4	14 37	4 6	1 45	2 7	16 47	1 19	7 41	0 48	24 38	0 48	0 11	2 52	16 41	0 49	13 1	1 35	30 47	6 57	23 35	23 40	13 46		n.a.
S 20	5 41	10 12	4 38	2 31	1 50	16 24	1 20	7 24	0 47	24 38	0 48	0 13	2 52	16 41	0 49	13 0	1 35	30 47	6 57	23 36	23 40	13 48		n.a.
M21	5 17	5 26	4 57	3 18	1 32	16 1	1 21	7 8	0 47	24 38	0 48	0 15	2 52	16 42	0 49	13 0	1 35	30 47	6 57	23 36	23 40	13 51		n.a.
T 22	4 53	0 31	5 1	4 7	1 12	15 38	1 23	6 51	0 47	24 38	0 48	0 17	2 52	16 42	0 49	12 59	1 36	30 47	6 57	23 37	23 40	13 53		n.a.
W23	4 29	4n21	4 51	4 55	0 51	15 14	1 24	6 35	0 46	24 38	0 48	0 19	2 52	16 43	0 49	12 58	1 36	30 47	6 57	23 38	23 40	13 56		n.a.
T 24	4 5	8 59	4 29	5 42	0 31	14 50	1 25	6 18	0 46	24 38	0 48	0 21	2 52	16 44	0 49	12 57	1 36	30 47	6 57	23 38	23 40	13 58		n.a.
F 25	3 41	13 15	3 54	6 27	0 10	14 26	1 26	6 1	0 45	24 38	0 48	0 23	2 52	16 44	0 49	12 57	1 36	30 47	6 57	23 39	23 41	14 1		n.a.
S 26	3 17	16 59	3 10	7 7	0n10	14 0	1 27	5 44	0 45	24 38	0 48	0 25	2 52	16 45	0 49	12 56	1 36	30 46	6 57	23 39	23 41	14 3		n.a.
S 27	2 53	20 2	2 18	7 43	0 28	13 35	1 28	5 27	0 44	24 38	0 48	0 27	2 52	16 45	0 49	12 55	1 36	30 46	6 56	23 39	23 41	14 5		n.a.
M28	2 29	22 16	1 19	8 13	0 46	13 9	1 29	5 10	0 44	24 38	0 48	0 29	2 53	16 46	0 49	12 54	1 36	30 46	6 56	23 39	23 41	14 8		n.a.
T 29	2 4	23 31	0 16	8 38	1 2	12 43	1 30	4 53	0 43	24 38	0 48	0 31	2 53	16 46	0 49	12 54	1 36	30 46	6 56	23 39	23 41	14 10		n.a.
W30	1n40	23n39	0n50	8n56	1n17	12n16	1n31	4n36	0n43	24s38	0s48	0s33	2s53	16s47	0s49	12n53	1n36	30s46	6s56	23n39	23n41	14n13		n.a.

Julian Day Number = 1289575.5, Delta T = 08h00m29s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'42, Lahiri = -20°16'41 Julian Calendar 1 Sept. 1183 BCE == Greg. Calendar 21 Aug. 1183 BCE

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

OCTOBER 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 56	26♍53'04	28♋57	10°D27	3♍26	20♍53	28♐47	5°R 6	16°R56	0♍46	29♐ 9	6°R50	6♋ 6	19♉22	n.a.	T 1
F 2	23 57 53	27°53'35	12♌ 4	10♍37	4°41	21°35	28°52	5♈ 1	16♒54	0°48	29° 9	6♋46	6° 3	19°28	n.a.	F 2
S 3	0 1 49	28°54'07	25°38	10°56	5°56	22°17	28°57	4°56	16°53	0°50	29°10	6°39	6° 0	19°35	n.a.	S 3
S 4	0 5 46	29°54'42	9♍40	11°26	7°11	22°59	29° 3	4°51	16°51	0°52	29°10	6°30	5°57	19°42	n.a.	S 4
M 5	0 9 42	0♎55'18	24° 5	12° 4	8°26	23°41	29° 8	4°46	16°50	0°54	29°10	6°18	5°54	19°48	n.a.	M 5
T 6	0 13 39	1°55'56	8♎50	12°50	9°42	24°23	29°14	4°41	16°48	0°56	29°11	6° 6	5°51	19°55	n.a.	T 6
W 7	0 17 35	2°56'36	23°44	13°43	10°57	25° 5	29°20	4°36	16°47	0°58	29°11	5°55	5°47	20° 2	n.a.	W 7
T 8	0 21 32	3°57'17	8♏38	14°42	12°12	25°47	29°27	4°31	16°45	1° 0	29°11	5°45	5°44	20° 9	n.a.	T 8
F 9	0 25 28	4°58'00	23°25	15°46	13°27	26°29	29°33	4°26	16°44	1° 2	29°12	5°38	5°41	20°15	n.a.	F 9
S 10	0 29 25	5°58'44	7♐58	16°55	14°42	27°11	29°39	4°22	16°43	1° 4	29°12	5°34	5°38	20°22	n.a.	S 10
S 11	0 33 22	6°59'29	22°12	18° 8	15°57	27°53	29°46	4°17	16°41	1° 6	29°13	5°32	5°35	20°29	n.a.	S 11
M12	0 37 18	8° 0'16	6♑ 7	19°24	17°13	28°35	29°53	4°12	16°40	1° 8	29°13	5°32	5°31	20°35	n.a.	M12
T 13	0 41 15	9° 1'03	19°44	20°44	18°28	29°18	0♑ 0	4° 7	16°39	1° 9	29°14	5°32	5°28	20°42	n.a.	T 13
W14	0 45 11	10° 1'52	3♒ 3	22° 5	19°43	29°59	0° 7	4° 2	16°38	1°11	29°14	5°30	5°25	20°49	n.a.	W14
T 15	0 49 8	11° 2'42	16° 8	23°29	20°59	0♎42	0°15	3°57	16°37	1°13	29°15	5°26	5°22	20°55	n.a.	T 15
F 16	0 53 4	12° 3'33	29° 1	24°55	22°14	1°25	0°22	3°52	16°35	1°15	29°15	5°20	5°19	21° 2	n.a.	F 16
S 17	0 57 1	13° 4'25	11♓41	26°22	23°29	2° 7	0°30	3°47	16°34	1°17	29°16	5°10	5°16	21° 9	n.a.	S 17
S 18	1 0 57	14° 5'19	24°12	27°50	24°45	2°50	0°38	3°42	16°33	1°19	29°17	4°57	5°12	21°15	n.a.	S 18
M19	1 4 54	15° 6'13	6♈33	29°19	26° 0	3°32	0°45	3°37	16°32	1°20	29°17	4°43	5° 9	21°22	n.a.	M19
T 20	1 8 51	16° 7'09	18°45	0♎49	27°15	4°15	0°54	3°33	16°32	1°22	29°18	4°29	5° 6	21°29	n.a.	T 20
W21	1 12 47	17° 8'06	0♉49	2°20	28°31	4°58	1° 2	3°28	16°31	1°24	29°19	4°15	5° 3	21°35	n.a.	W21
T 22	1 16 44	18° 9'05	12°46	3°51	29°46	5°40	1°10	3°23	16°30	1°25	29°20	4° 4	5° 0	21°42	n.a.	T 22
F 23	1 20 40	19°10'04	24°36	5°23	1♏ 2	6°23	1°19	3°19	16°29	1°27	29°20	3°54	4°57	21°49	n.a.	F 23
S 24	1 24 37	20°11'05	6♊24	6°55	2°17	7° 6	1°27	3°14	16°28	1°29	29°21	3°48	4°53	21°55	n.a.	S 24
S 25	1 28 33	21°12'07	18°12	8°27	3°33	7°49	1°36	3° 9	16°28	1°30	29°22	3°45	4°50	22° 2	n.a.	S 25
M26	1 32 30	22°13'11	0♋ 5	10° 0	4°48	8°31	1°45	3° 5	16°27	1°32	29°23	3°D44	4°47	22° 9	n.a.	M26
T 27	1 36 26	23°14'16	12° 7	11°33	6° 4	9°14	1°54	3° 0	16°27	1°33	29°24	3°44	4°44	22°15	n.a.	T 27
W28	1 40 23	24°15'22	24°23	13° 6	7°19	9°57	2° 3	2°56	16°26	1°35	29°25	3°R44	4°41	22°22	n.a.	W28
T 29	1 44 20	25°16'29	7♌ 0	14°39	8°35	10°40	2°13	2°51	16°26	1°36	29°26	3°43	4°37	22°29	n.a.	T 29
F 30	1 48 16	26°17'38	20° 1	16°12	9°50	11°23	2°22	2°47	16°25	1°38	29°27	3°41	4°34	22°36	n.a.	F 30
S 31	1 52 13	27♎18'47	3♍32	17♎45	11♏ 6	12♏ 6	2♑32	2♈43	16♒25	1♍39	29♐28	3♋36	4♋31	22♉42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n16	22n34	1n54	9n 9	1n29	11n49	1n31	4n19	0n43	24s38	0s48	0s35	2s53	16s47	0s49	12n52	1n36	30s46	6s56	23n39	23n41	14n15			n.a.
F 2	0 51	20 15	2 55	9 15	1 40	11 22	1 32	4 2	0 42	24 38	0 48	0 36	2 53	16 48	0 49	12 52	1 36	30 46	6 56	23 40	23 42	14 17			n.a.
S 3	0 27	16 45	3 47	9 16	1 50	10 55	1 32	3 45	0 42	24 38	0 48	0 38	2 53	16 48	0 48	12 51	1 36	30 46	6 56	23 40	23 42	14 20			n.a.
S 4	0 2	12 12	4 28	9 12	1 58	10 27	1 33	3 28	0 41	24 38	0 48	0 40	2 53	16 49	0 48	12 50	1 36	30 46	6 56	23 40	23 42	14 22			n.a.
M 5	0s22	6 52	4 53	9 3	2 4	9 59	1 33	3 10	0 41	24 38	0 48	0 42	2 53	16 49	0 48	12 49	1 36	30 45	6 55	23 41	23 42	14 25			n.a.
T 6	0 47	1 1	5 0	8 50	2 9	9 30	1 33	2 53	0 40	24 38	0 48	0 44	2 53	16 50	0 48	12 49	1 36	30 45	6 55	23 42	23 42	14 27			n.a.
W 7	1 11	4s56	4 46	8 32	2 12	9 1	1 34	2 36	0 40	24 38	0 48	0 46	2 53	16 50	0 48	12 48	1 36	30 45	6 55	23 42	23 42	14 29			n.a.
T 8	1 36	10 38	4 13	8 11	2 15	8 32	1 34	2 18	0 39	24 38	0 48	0 48	2 53	16 50	0 48	12 47	1 36	30 45	6 55	23 42	23 43	14 32			n.a.
F 9	2 0	15 40	3 23	7 47	2 16	8 3	1 34	2 1	0 39	24 38	0 48	0 50	2 53	16 51	0 48	12 47	1 36	30 45	6 55	23 43	23 43	14 34			n.a.
S 10	2 25	19 42	2 20	7 20	2 16	7 33	1 34	1 43	0 38	24 38	0 48	0 52	2 53	16 51	0 48	12 46	1 36	30 45	6 55	23 43	23 43	14 36			n.a.
S 11	2 49	22 26	1 10	6 50	2 15	7 4	1 34	1 26	0 38	24 38	0 48	0 54	2 53	16 52	0 48	12 45	1 36	30 45	6 55	23 43	23 43	14 39			n.a.
M12	3 14	23 45	0s 3	6 18	2 14	6 34	1 34	1 8	0 37	24 38	0 48	0 56	2 53	16 52	0 48	12 45	1 36	30 45	6 55	23 43	23 43	14 41			n.a.
T 13	3 38	23 35	1 14	5 45	2 12	6 4	1 33	0 51	0 37	24 38	0 48	0 58	2 52	16 52	0 48	12 44	1 36	30 44	6 54	23 43	23 43	14 44			n.a.
W14	4 2	22 4	2 20	5 10	2 9	5 33	1 33	0 33	0 36	24 38	0 48	1 0	2 52	16 53	0 48	12 44	1 36	30 44	6 54	23 43	23 43	14 46			n.a.
T 15	4 26	19 23	3 17	4 33	2 6	5 3	1 33	0 15	0 36	24 38	0 47	1 2	2 52	16 53	0 48	12 43	1 36	30 44	6 54	23 43	23 43	14 48			n.a.
F 16	4 51	15 47	4 3	3 55	2 2	4 32	1 32	0s 2	0 35	24 38	0 47	1 4	2 52	16 53	0 48	12 42	1 36	30 44	6 54	23 44	23 44	14 51			n.a.
S 17	5 15	11 31	4 36	3 16	1 58	4 2	1 32	0 20	0 35	24 37	0 47	1 6	2 52	16 53	0 48	12 42	1 36	30 44	6 54	23 44	23 44	14 53			n.a.
S 18	5 39	6 50	4 55	2 36	1 53	3 31	1 31	0 37	0 34	24 37	0 47	1 8	2 52	16 54	0 48	12 41	1 36	30 44	6 54	23 44	23 44	14 55			n.a.
M19	6 3	1 56	5 0	1 55	1 48	3 0	1 31	0 55	0 34	24 37	0 47	1 10	2 52	16 54	0 48	12 40	1 36	30 44	6 54	23 45	23 44	14 58			n.a.
T 20	6 27	2n59	4 51	1 14	1 43	2 29	1 30	1 13	0 33	24 37	0 47	1 11	2 52	16 54	0 48	12 40	1 36	30 44	6 54	23 45	23 44	15 0			n.a.
W21	6 50	7 45	4 29	0 32	1 37	1 58	1 29	1 30	0 32	24 37	0 47	1 13	2 52	16 54	0 48	12 39	1 37	30 44	6 54	23 46	23 44	15 2			n.a.
T 22	7 14	12 11	3 55	0s10	1 31	1 26	1 28	1 48	0 32	24 37	0 47	1 15	2 52	16 55	0 48	12 39	1 37	30 43	6 53	23 46	23 44	15 5			n.a.
F 23	7 37	16 8	3 12	0 52	1 25	0 55	1 27	2 6	0 31	24 37	0 47	1 17	2 52	16 55	0 48	12 38	1 37	30 43	6 53	23 47	23 44	15 7			n.a.
S 24	8 1	19 27	2 20	1 35	1 19	0 24	1 26	2 23	0 31	24 37	0 47	1 19	2 52	16 55	0 48	12 38	1 37	30 43	6 53	23 47	23 45	15 9			n.a.
S 25	8 24	21 57	1 22	2 17	1 13	0s 8	1 25	2 41	0 30	24 37	0 47	1 20	2 51	16 55	0 48	12 37	1 37	30 43	6 53	23 47	23 45	15 12			n.a.
M26	8 47	23 31	0 19	3 0	1 7	0 39	1 24	2 59	0 30	24 37	0 47	1 22	2 51	16 55	0 48	12 37	1 37	30 43	6 53	23 47	23 45	15 14			n.a.
T 27	9 10	24 1	0n44	3 43	1 0	1 11	1 23	3 16	0 29	24 36	0 47	1 24	2 51	16 56	0 48	12 36	1 37	30 43	6 53	23 47	23 45	15 17			n.a.
W28	9 33	23 22	1 48	4 26	0 54	1 42	1 22	3 34	0 29	24 36	0 47	1 25	2 51	16 56	0 48	12 36	1 37	30 43	6 53	23 47	23 45	15 19			n.a.
T 29	9 56	21 31	2 47	5 9	0 47	2 13	1 21	3 52	0 28	24 36	0 47	1 27	2 51	16 56	0 48	12 35	1 37	30 43	6 53	23 47	23 45	15 21			n.a.
F 30	10 19	18 31	3 40	5 51	0 40	2 45	1 19	4 9	0 28	24 36	0 47	1 29	2 51	16 56	0 48	12 35	1 37	30 43	6 53	23 47	23 45	15 24			n.a.
S 31	10s41	14n27	4n23	6s34	0n33	3s16	1n18	4s27	0n27	24s36	0s47	1s30	2s50	16s56	0s48	12n34	1n37	30s43	6s53	23n47	23n45	15n26			n.a.

Julian Day Number = 1289605.5, Delta T = 08h00m28s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'38, Lahiri = -20°16'37 Julian Calendar 1 Oct. 1183 BCE == Greg. Calendar 20 Sept. 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

NOVEMBER 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 9	28♎19'58	17♍32	19♎19	12♎21	12♎50	2♏41	2°R39	16°R25	1♍41	29♐29	3°R28	4♋28	22♉49	n.a.	S 1
M 2	2 0 6	29°21'10	2♎ 2	20°52	13°37	13°33	2°51	2♈34	16♒24	1°42	29°30	3♋19	4°25	22°56	n.a.	M 2
T 3	2 4 2	0♏22'22	16°55	22°26	14°52	14°16	3° 1	2°30	16°24	1°44	29°31	3° 9	4°22	23° 2	n.a.	T 3
W 4	2 7 59	1°23'36	2♏ 4	23°59	16° 8	14°59	3°11	2°26	16°24	1°45	29°32	2°59	4°18	23° 9	n.a.	W 4
T 5	2 11 55	2°24'50	17°18	25°33	17°23	15°43	3°21	2°22	16°24	1°46	29°33	2°50	4°15	23°16	n.a.	T 5
F 6	2 15 52	3°26'05	2♐27	27° 7	18°39	16°26	3°32	2°18	16°D24	1°48	29°34	2°44	4°12	23°22	n.a.	F 6
S 7	2 19 49	4°27'20	17°20	28°40	19°55	17° 9	3°42	2°15	16°24	1°49	29°35	2°41	4° 9	23°29	n.a.	S 7
S 8	2 23 45	5°28'35	1♑53	0♏14	21°10	17°53	3°53	2°11	16°24	1°50	29°37	2°D40	4° 6	23°36	n.a.	S 8
M 9	2 27 42	6°29'51	16° 1	1°48	22°26	18°36	4° 3	2° 7	16°24	1°51	29°38	2°41	4° 2	23°42	n.a.	M 9
T 10	2 31 38	7°31'07	29°44	3°22	23°41	19°20	4°14	2° 4	16°24	1°52	29°39	2°41	3°59	23°49	n.a.	T 10
W11	2 35 35	8°32'24	13♒ 4	4°57	24°57	20° 3	4°25	2° 0	16°24	1°54	29°40	2°R42	3°56	23°56	n.a.	W11
T 12	2 39 31	9°33'40	26° 3	6°31	26°12	20°47	4°36	1°57	16°25	1°55	29°42	2°40	3°53	24° 2	n.a.	T 12
F 13	2 43 28	10°34'56	8♓46	8° 6	27°28	21°31	4°47	1°54	16°25	1°56	29°43	2°36	3°50	24° 9	n.a.	F 13
S 14	2 47 25	11°36'12	21°14	9°40	28°43	22°14	4°58	1°50	16°25	1°57	29°44	2°30	3°47	24°16	n.a.	S 14
S 15	2 51 21	12°37'29	3♈31	11°15	29°59	22°58	5°10	1°47	16°26	1°58	29°45	2°22	3°43	24°22	n.a.	S 15
M16	2 55 18	13°38'45	15°39	12°51	1♏15	23°42	5°21	1°44	16°26	1°59	29°47	2°13	3°40	24°29	n.a.	M16
T 17	2 59 14	14°40'02	27°40	14°26	2°30	24°26	5°32	1°41	16°27	2° 0	29°48	2° 3	3°37	24°36	n.a.	T 17
W18	3 3 11	15°41'18	9♉35	16° 2	3°46	25° 9	5°44	1°38	16°27	2° 1	29°50	1°53	3°34	24°42	n.a.	W18
T 19	3 7 7	16°42'35	21°27	17°37	5° 1	25°53	5°56	1°36	16°28	2° 2	29°51	1°45	3°31	24°49	n.a.	T 19
F 20	3 11 4	17°43'52	3♊16	19°14	6°17	26°37	6° 7	1°33	16°29	2° 2	29°52	1°39	3°28	24°56	n.a.	F 20
S 21	3 15 0	18°45'09	15° 5	20°50	7°32	27°21	6°19	1°30	16°29	2° 3	29°54	1°36	3°24	25° 2	n.a.	S 21
S 22	3 18 57	19°46'26	26°56	22°27	8°48	28° 5	6°31	1°28	16°30	2° 4	29°55	1°D34	3°21	25° 9	n.a.	S 22
M23	3 22 54	20°47'44	8♋51	24° 4	10° 3	28°49	6°43	1°26	16°31	2° 5	29°57	1°34	3°18	25°16	n.a.	M23
T 24	3 26 50	21°49'01	20°55	25°41	11°19	29°33	6°55	1°23	16°32	2° 6	29°58	1°35	3°15	25°22	n.a.	T 24
W25	3 30 47	22°50'19	3♌12	27°19	12°34	0♏18	7° 8	1°21	16°33	2° 6	29°59	1°37	3°12	25°29	n.a.	W25
T 26	3 34 43	23°51'36	15°46	28°57	13°50	1° 2	7°20	1°19	16°34	2° 7	0♑ 1	1°38	3° 8	25°36	n.a.	T 26
F 27	3 38 40	24°52'54	28°42	0♐35	15° 5	1°46	7°32	1°17	16°35	2° 8	0° 3	1°R39	3° 5	25°43	n.a.	F 27
S 28	3 42 36	25°54'12	12♍ 3	2°14	16°21	2°30	7°45	1°16	16°36	2° 8	0° 4	1°37	3° 2	25°49	n.a.	S 28
S 29	3 46 33	26°55'29	25°53	3°52	17°36	3°15	7°57	1°14	16°37	2° 9	0° 6	1°35	2°59	25°56	n.a.	S 29
M30	3 50 30	27♏56'47	10♎11	5♐32	18♏52	3♏59	8♑10	1♈12	16♒38	2♍ 9	0♑ 8	1♋30	2♋56	26♉ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 3	9n28	4n52	7s16	0n27	3s47	1n17	4s45	0n26	24s35	0s47	1s32	2s50	16s56	0s48	12n34	1n37	30s42	6s52	23n47	23n46	15n28		n.a.
M 2	11 25	3 48	5 3	7 58	0 20	4 18	1 15	5 2	0 26	24 35	0 47	1 33	2 50	16 56	0 47	12 33	1 37	30 42	6 52	23 48	23 46	15 31		n.a.
T 3	11 47	2s13	4 55	8 40	0 13	4 49	1 14	5 20	0 25	24 35	0 47	1 35	2 50	16 56	0 47	12 33	1 37	30 42	6 52	23 48	23 46	15 33		n.a.
W 4	12 9	8 14	4 26	9 21	0 7	5 20	1 12	5 37	0 25	24 35	0 47	1 36	2 50	16 56	0 47	12 32	1 37	30 42	6 52	23 48	23 46	15 35		n.a.
T 5	12 31	13 48	3 38	10 2	0s 0	5 51	1 10	5 55	0 24	24 34	0 47	1 38	2 50	16 56	0 47	12 32	1 37	30 42	6 52	23 48	23 46	15 37		n.a.
F 6	12 52	18 28	2 34	10 43	0 7	6 22	1 9	6 12	0 23	24 34	0 47	1 39	2 49	16 56	0 47	12 31	1 37	30 42	6 52	23 48	23 46	15 40		n.a.
S 7	13 13	21 53	1 21	11 23	0 13	6 53	1 7	6 30	0 23	24 34	0 47	1 40	2 49	16 56	0 47	12 31	1 37	30 42	6 52	23 48	23 46	15 42		n.a.
S 8	13 34	23 45	0 4	12 3	0 20	7 23	1 5	6 47	0 22	24 34	0 47	1 42	2 49	16 56	0 47	12 31	1 37	30 42	6 52	23 48	23 46	15 44		n.a.
M 9	13 54	24 2	1s11	12 42	0 26	7 53	1 3	7 4	0 22	24 33	0 47	1 43	2 49	16 56	0 47	12 30	1 38	30 42	6 52	23 48	23 46	15 47		n.a.
T 10	14 15	22 49	2 20	13 21	0 32	8 24	1 2	7 22	0 21	24 33	0 47	1 44	2 49	16 56	0 47	12 30	1 38	30 42	6 52	23 48	23 46	15 49		n.a.
W11	14 35	20 21	3 19	13 59	0 39	8 53	1 0	7 39	0 20	24 32	0 47	1 45	2 48	16 56	0 47	12 29	1 38	30 42	6 52	23 48	23 47	15 51		n.a.
T 12	14 55	16 54	4 7	14 37	0 45	9 23	0 58	7 56	0 20	24 32	0 47	1 47	2 48	16 56	0 47	12 29	1 38	30 42	6 51	23 48	23 47	15 54		n.a.
F 13	15 14	12 44	4 41	15 14	0 51	9 53	0 56	8 14	0 19	24 32	0 47	1 48	2 48	16 55	0 47	12 29	1 38	30 42	6 51	23 49	23 47	15 56		n.a.
S 14	15 34	8 7	5 1	15 50	0 56	10 22	0 54	8 31	0 19	24 31	0 47	1 49	2 48	16 55	0 47	12 28	1 38	30 41	6 51	23 49	23 47	15 58		n.a.
S 15	15 53	3 15	5 7	16 26	1 2	10 51	0 52	8 48	0 18	24 31	0 47	1 50	2 47	16 55	0 47	12 28	1 38	30 41	6 51	23 49	23 47	16 1		n.a.
M16	16 12	1n41	4 58	17 1	1 8	11 19	0 50	9 5	0 17	24 30	0 47	1 51	2 47	16 55	0 47	12 28	1 38	30 41	6 51	23 49	23 47	16 3		n.a.
T 17	16 30	6 31	4 37	17 36	1 13	11 48	0 48	9 22	0 17	24 30	0 47	1 52	2 47	16 55	0 47	12 28	1 38	30 41	6 51	23 49	23 47	16 5		n.a.
W18	16 48	11 5	4 4	18 9	1 18	12 16	0 45	9 39	0 16	24 29	0 47	1 53	2 47	16 54	0 47	12 27	1 38	30 41	6 51	23 49	23 47	16 7		n.a.
T 19	17 6	15 13	3 20	18 42	1 23	12 44	0 43	9 55	0 15	24 29	0 47	1 53	2 46	16 54	0 47	12 27	1 38	30 41	6 51	23 49	23 47	16 10		n.a.
F 20	17 24	18 45	2 27	19 14	1 28	13 11	0 41	10 12	0 15	24 28	0 47	1 54	2 46	16 54	0 47	12 27	1 38	30 41	6 51	23 49	23 47	16 12		n.a.
S 21	17 41	21 31	1 28	19 45	1 33	13 39	0 39	10 29	0 14	24 28	0 47	1 55	2 46	16 54	0 47	12 26	1 38	30 41	6 51	23 50	23 47	16 14		n.a.
S 22	17 58	23 23	0 25	20 15	1 37	14 5	0 37	10 46	0 13	24 27	0 47	1 56	2 46	16 53	0 47	12 26	1 38	30 41	6 51	23 50	23 48	16 17		n.a.
M23	18 15	24 12	0n40	20 44	1 41	14 32	0 34	11 2	0 13	24 26	0 47	1 57	2 45	16 53	0 47	12 26	1 38	30 41	6 51	23 50	23 48	16 19		n.a.
T 24	18 31	23 53	1 43	21 11	1 45	14 58	0 32	11 19	0 12	24 26	0 47	1 57	2 45	16 53	0 47	12 26	1 38	30 41	6 51	23 50	23 48	16 21		n.a.
W25	18 47	22 25	2 44	21 38	1 48	15 24	0 30	11 35	0 12	24 25	0 47	1 58	2 45	16 53	0 47	12 26	1 38	30 41	6 51	23 50	23 48	16 23		n.a.
T 26	19 3	19 50	3 38	22 4	1 52	15 49	0 27	11 51	0 11	24 25	0 47	1 58	2 44	16 52	0 47	12 25	1 39	30 41	6 51	23 49	23 48	16 26		n.a.
F 27	19 18	16 12	4 22	22 29	1 55	16 14	0 25	12 7	0 10	24 24	0 47	1 59	2 44	16 52	0 47	12 25	1 39	30 41	6 51	23 49	23 48	16 28		n.a.
S 28	19 33	11 40	4 54	22 52	1 57	16 38	0 23	12 24	0 10	24 23	0 47	1 59	2 44	16 51	0 46	12 25	1 39	30 41	6 51	23 49	23 48	16 30		n.a.
S 29	19 48	6 24	5 11	23 14	1 59	17 2	0 20	12 40	0 9	24 22	0 47	2 0	2 44	16 51	0 46	12 25	1 39	30 41	6 51	23 50	23 48	16 32		n.a.
M30	20s 2	0n37	5n 9	23s34	2s 1	17s26	0n18	12s56	0n 8	24s22	0s47	2s 0	2s43	16s51	0s46	12n25	1n39	30s41	6s51	23n50	23n48	16n35		n.a.

Julian Day Number = 1289636.5, Delta T = 08h00m26s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'34, Lahiri = -20°16'33 Julian Calendar 1 Nov. 1183 BCE == Greg. Calendar 21 Oct. 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1183 BCE
geocentric

DECEMBER 1183 BCE (-1182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 26	28♏58'04	24♎54	7♐11	20♏ 7	4♏43	8♑22	1°R11	16♒39	2♍10	0♑ 9	1°R25	2♋53	26♉ 9	n.a.	T 1
W 2	3 58 23	29°59'21	9♏58	8°51	21°23	5°28	8°35	1♈ 9	16°41	2°10	0°11	1♋21	2°49	26°16	n.a.	W 2
T 3	4 2 19	1♐ 0'39	25°13	10°31	22°38	6°12	8°48	1° 8	16°42	2°11	0°12	1°16	2°46	26°23	n.a.	T 3
F 4	4 6 16	2° 1'55	10♐29	12°10	23°53	6°57	9° 1	1° 7	16°43	2°11	0°14	1°14	2°43	26°29	n.a.	F 4
S 5	4 10 12	3° 3'11	25°36	13°50	25° 9	7°41	9°14	1° 6	16°45	2°11	0°16	1°D12	2°40	26°36	n.a.	S 5
S 6	4 14 9	4° 4'27	10♑24	15°30	26°24	8°26	9°27	1° 5	16°46	2°12	0°17	1°12	2°37	26°43	n.a.	S 6
M 7	4 18 5	5° 5'41	24°48	17°10	27°40	9°10	9°40	1° 4	16°48	2°12	0°19	1°14	2°34	26°49	n.a.	M 7
T 8	4 22 2	6° 6'55	8♒45	18°50	28°55	9°55	9°53	1° 3	16°49	2°12	0°21	1°15	2°30	26°56	n.a.	T 8
W 9	4 25 59	7° 8'08	22°15	20°29	0♐11	10°40	10° 6	1° 3	16°51	2°12	0°22	1°17	2°27	27° 3	n.a.	W 9
T 10	4 29 55	8° 9'19	5♓20	22° 7	1°26	11°24	10°19	1° 2	16°53	2°13	0°24	1°R17	2°24	27° 9	n.a.	T 10
F 11	4 33 52	9°10'30	18° 3	23°44	2°41	12° 9	10°33	1° 2	16°54	2°13	0°26	1°17	2°21	27°16	n.a.	F 11
S 12	4 37 48	10°11'39	0♈28	25°21	3°57	12°54	10°46	1° 2	16°56	2°13	0°28	1°16	2°18	27°23	n.a.	S 12
S 13	4 41 45	11°12'47	12°39	26°56	5°12	13°39	10°59	1° 2	16°58	2°13	0°29	1°13	2°14	27°29	n.a.	S 13
M14	4 45 41	12°13'55	24°39	28°29	6°27	14°24	11°13	1°D 2	17° 0	2°13	0°31	1°10	2°11	27°36	n.a.	M14
T 15	4 49 38	13°15'01	6♉33	29°59	7°43	15° 9	11°26	1° 2	17° 2	2°R13	0°33	1° 7	2° 8	27°43	n.a.	T 15
W16	4 53 35	14°16'06	18°24	1♑28	8°58	15°53	11°40	1° 2	17° 4	2°13	0°35	1° 4	2° 5	27°49	n.a.	W16
T 17	4 57 31	15°17'10	0♊13	2°53	10°13	16°38	11°53	1° 2	17° 6	2°13	0°36	1° 2	2° 2	27°56	n.a.	T 17
F 18	5 1 28	16°18'13	12° 3	4°14	11°28	17°23	12° 7	1° 3	17° 8	2°13	0°38	1° 0	1°59	28° 3	n.a.	F 18
S 19	5 5 24	17°19'15	23°56	5°31	12°44	18° 8	12°21	1° 3	17°10	2°13	0°40	0°59	1°55	28° 9	n.a.	S 19
S 20	5 9 21	18°20'15	5♋54	6°43	13°59	18°53	12°35	1° 4	17°12	2°13	0°42	0°D59	1°52	28°16	n.a.	S 20
M21	5 13 17	19°21'15	17°59	7°48	15°14	19°39	12°48	1° 5	17°14	2°12	0°43	1° 0	1°49	28°23	n.a.	M21
T 22	5 17 14	20°22'14	0♌13	8°47	16°29	20°24	13° 2	1° 6	17°16	2°12	0°45	1° 1	1°46	28°29	n.a.	T 22
W23	5 21 10	21°23'11	12°39	9°39	17°45	21° 9	13°16	1° 7	17°18	2°12	0°47	1° 2	1°43	28°36	n.a.	W23
T 24	5 25 7	22°24'08	25°20	10°22	19° 0	21°54	13°30	1° 8	17°20	2°12	0°49	1° 3	1°40	28°43	n.a.	T 24
F 25	5 29 4	23°25'04	8♍18	10°55	20°15	22°39	13°44	1° 9	17°23	2°11	0°51	1° 3	1°36	28°49	n.a.	F 25
S 26	5 33 0	24°25'58	21°35	11°19	21°30	23°24	13°58	1°11	17°25	2°11	0°53	1°R 4	1°33	28°56	n.a.	S 26
S 27	5 36 57	25°26'52	5♎15	11°33	22°45	24°10	14°12	1°12	17°27	2°11	0°54	1° 4	1°30	29° 3	n.a.	S 27
M28	5 40 53	26°27'44	19°17	11°R36	24° 1	24°55	14°26	1°14	17°30	2°10	0°56	1° 3	1°27	29° 9	n.a.	M28
T 29	5 44 50	27°28'35	3♏42	11°27	25°16	25°40	14°40	1°15	17°32	2°10	0°58	1° 3	1°24	29°16	n.a.	T 29
W30	5 48 46	28°29'25	18°25	11° 8	26°31	26°26	14°54	1°17	17°35	2° 9	1° 0	1° 3	1°20	29°23	n.a.	W30
T 31	5 52 43	29♐30'15	3♐22	10♑38	27♐46	27♏11	15♑ 8	1♈19	17♒37	2♍ 9	1♑ 2	1♋ 2	1♋17	29♉29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s16	5s22	4n47	23s53	2s 3	17s49	0n16	13s11	0n 8	24s21	0s47	2s 0	2s43	16s50	0s46	12n25	1n39	30s41	6s50	23n50	23n48	16n37			n.a.
W 2	20 29	11 11	4 4	24 11	2 4	18 11	0 13	13 27	0 7	24 20	0 47	2 1	2 43	16 50	0 46	12 25	1 39	30 41	6 50	23 50	23 48	16 39			n.a.
T 3	20 42	16 24	3 5	24 27	2 5	18 34	0 11	13 43	0 6	24 19	0 47	2 1	2 42	16 49	0 46	12 24	1 39	30 41	6 50	23 50	23 48	16 41			n.a.
F 4	20 55	20 33	1 51	24 41	2 5	18 55	0 8	13 58	0 5	24 18	0 47	2 1	2 42	16 49	0 46	12 24	1 39	30 40	6 50	23 50	23 48	16 44			n.a.
S 5	21 7	23 15	0 31	24 54	2 4	19 16	0 6	14 14	0 5	24 17	0 47	2 1	2 42	16 48	0 46	12 24	1 39	30 40	6 50	23 50	23 48	16 46			n.a.
S 6	21 19	24 15	0s50	25 5	2 4	19 37	0 4	14 29	0 4	24 16	0 47	2 1	2 41	16 48	0 46	12 24	1 39	30 40	6 50	23 50	23 49	16 48			n.a.
M 7	21 30	23 35	2 6	25 14	2 2	19 57	0 1	14 44	0 3	24 15	0 47	2 1	2 41	16 47	0 46	12 24	1 39	30 40	6 50	23 50	23 49	16 50			n.a.
T 8	21 41	21 27	3 12	25 21	2 0	20 16	0s 1	14 59	0 3	24 15	0 47	2 1	2 41	16 47	0 46	12 24	1 39	30 40	6 50	23 50	23 49	16 53			n.a.
W 9	21 52	18 11	4 5	25 26	1 57	20 35	0 4	15 14	0 2	24 14	0 47	2 1	2 41	16 46	0 46	12 24	1 39	30 40	6 50	23 50	23 49	16 55			n.a.
T 10	22 2	14 5	4 44	25 30	1 54	20 53	0 6	15 29	0 1	24 13	0 47	2 1	2 40	16 46	0 46	12 24	1 39	30 40	6 50	23 50	23 49	16 57			n.a.
F 11	22 11	9 29	5 7	25 31	1 50	21 11	0 8	15 44	0 1	24 11	0 47	2 1	2 40	16 45	0 46	12 24	1 40	30 40	6 50	23 50	23 49	16 59			n.a.
S 12	22 21	4 37	5 15	25 30	1 45	21 28	0 11	15 58	0s 0	24 10	0 47	2 1	2 40	16 45	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 2			n.a.
S 13	22 30	0n21	5 9	25 27	1 40	21 44	0 13	16 13	0 1	24 9	0 47	2 1	2 39	16 44	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 4			n.a.
M14	22 38	5 14	4 49	25 23	1 33	22 0	0 15	16 27	0 2	24 8	0 47	2 0	2 39	16 44	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 6			n.a.
T 15	22 46	9 53	4 17	25 16	1 26	22 15	0 18	16 41	0 2	24 7	0 47	2 0	2 39	16 43	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 8			n.a.
W16	22 53	14 9	3 34	25 7	1 17	22 29	0 20	16 55	0 3	24 6	0 47	2 0	2 38	16 42	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 10			n.a.
T 17	23 0	17 53	2 42	24 56	1 8	22 43	0 22	17 9	0 4	24 5	0 47	1 59	2 38	16 42	0 46	12 24	1 40	30 40	6 50	23 50	23 49	17 13			n.a.
F 18	23 7	20 54	1 43	24 44	0 58	22 56	0 25	17 22	0 4	24 3	0 47	1 59	2 38	16 41	0 46	12 25	1 40	30 40	6 50	23 50	23 49	17 15			n.a.
S 19	23 13	23 3	0 39	24 30	0 47	23 8	0 27	17 36	0 5	24 2	0 47	1 58	2 37	16 40	0 46	12 25	1 40	30 40	6 50	23 50	23 49	17 17			n.a.
S 20	23 19	24 9	0n27	24 14	0 35	23 20	0 29	17 49	0 6	24 1	0 47	1 58	2 37	16 40	0 46	12 25	1 40	30 40	6 50	23 50	23 49	17 19			n.a.
M21	23 24	24 8	1 33	23 57	0 21	23 31	0 31	18 3	0 7	24 0	0 47	1 57	2 37	16 39	0 46	12 25	1 40	30 40	6 50	23 50	23 49	17 22			n.a.
T 22	23 29	22 58	2 35	23 39	0 7	23 41	0 33	18 16	0 7	23 58	0 47	1 57	2 36	16 38	0 46	12 25	1 40	30 40	6 51	23 50	23 49	17 24			n.a.
W23	23 33	20 40	3 31	23 21	0n 8	23 51	0 36	18 28	0 8	23 57	0 48	1 56	2 36	16 38	0 46	12 25	1 40	30 40	6 51	23 50	23 49	17 26			n.a.
T 24	23 37	17 20	4 18	23 2	0 24	24 0	0 38	18 41	0 9	23 56	0 48	1 55	2 36	16 37	0 46	12 25	1 40	30 41	6 51	23 50	23 49	17 28			n.a.
F 25	23 40	13 7	4 53	22 42	0 41	24 8	0 40	18 54	0 10	23 54	0 48	1 54	2 35	16 36	0 46	12 26	1 40	30 41	6 51	23 50	23 50	17 30			n.a.
S 26	23 43	8 10	5 13	22 23	0 58	24 15	0 42	19 6	0 10	23 53	0 48	1 53	2 35	16 35	0 46	12 26	1 40	30 41	6 51	23 50	23 50	17 32			n.a.
S 27	23 45	2 43	5 17	22 4	1 16	24 22	0 44	19 18	0 11	23 51	0 48	1 53	2 35	16 35	0 45	12 26	1 41	30 41	6 51	23 50	23 50	17 35			n.a.
M28	23 47	3s 2	5 2	21 45	1 34	24 28	0 46	19 30	0 12	23 50	0 48	1 52	2 35	16 34	0 45	12 26	1 41	30 41	6 51	23 50	23 50	17 37			n.a.
T 29	23 49	8 46	4 28	21 28	1 52	24 33	0 48	19 42	0 13	23 48	0 48	1 51	2 34	16 33	0 45	12 26	1 41	30 41	6 51	23 50	23 50	17 39			n.a.
W30	23 50	14 9	3 35	21 12	2 10	24 37	0 50	19 54	0 13	23 47	0 48	1 50	2 34	16 32	0 45	12 27	1 41	30 41	6 51	23 50	23 50	17 41			n.a.
T 31	23s50	18s46	2n28	20s57	2n27	24s41	0s52	20s 5	0s14	23s45	0s48	1s49	2s34	16s31	0s45	12n27	1n41	30s41	6s51	23n50	23n50	17n43			n.a.

Julian Day Number = 1289666.5, Delta T = 08h00m24s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'29, Lahiri = -20°16'29 Julian Calendar 1 Dec. 1183 BCE == Greg. Calendar 20 Nov. 1183 BCE

The year -1182 astronomical counting style corresponds to year 1183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

JANUARY 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 56 40	0♉31'02	18♐25	9°R58	29♐ 1	27♏57	15♉22	1♈21	17♒40	2°R 8	1♉ 3	1°D 2	1♋14	29♉36	n.a.	F 1
S 2	6 0 36	1°31'49	3♉26	9♉ 9	0♉16	28°42	15°37	1°23	17°42	2♍ 7	1° 5	1°R 2	1°11	29°43	n.a.	S 2
S 3	6 4 33	2°32'33	18°15	8°13	1°31	29°28	15°51	1°26	17°45	2° 7	1° 7	1♋ 2	1° 8	29°49	n.a.	S 3
M 4	6 8 29	3°33'16	2♒46	7°10	2°46	0♐13	16° 5	1°28	17°48	2° 6	1° 9	1° 2	1° 5	29°56	n.a.	M 4
T 5	6 12 26	4°33'58	16°52	6° 3	4° 2	0°59	16°19	1°30	17°50	2° 6	1°11	1° 2	1° 1	0♊ 3	n.a.	T 5
W 6	6 16 22	5°34'37	0♓33	4°54	5°17	1°44	16°34	1°33	17°53	2° 5	1°13	1° 1	0°58	0° 9	n.a.	W 6
T 7	6 20 19	6°35'15	13°47	3°45	6°32	2°30	16°48	1°36	17°56	2° 4	1°14	1° 1	0°55	0°16	n.a.	T 7
F 8	6 24 15	7°35'50	26°36	2°36	7°47	3°15	17° 2	1°38	17°58	2° 3	1°16	1° 0	0°52	0°23	n.a.	F 8
S 9	6 28 12	8°36'23	9♈ 5	1°31	9° 2	4° 1	17°17	1°41	18° 1	2° 3	1°18	1°D 0	0°49	0°29	n.a.	S 9
S 10	6 32 9	9°36'55	21°16	0°29	10°17	4°47	17°31	1°44	18° 4	2° 2	1°20	1° 0	0°46	0°36	n.a.	S 10
M11	6 36 5	10°37'24	3♉16	29♐34	11°32	5°32	17°45	1°47	18° 7	2° 1	1°22	1° 1	0°42	0°43	n.a.	M11
T 12	6 40 2	11°37'52	15° 7	28°44	12°47	6°18	18° 0	1°51	18°10	2° 0	1°24	1° 2	0°39	0°49	n.a.	T 12
W13	6 43 58	12°38'17	26°55	28° 2	14° 1	7° 4	18°14	1°54	18°13	1°59	1°25	1° 3	0°36	0°56	n.a.	W13
T 14	6 47 55	13°38'41	8♊44	27°27	15°16	7°49	18°28	1°57	18°16	1°58	1°27	1° 4	0°33	1° 3	n.a.	T 14
F 15	6 51 51	14°39'02	20°37	26°59	16°31	8°35	18°43	2° 1	18°19	1°57	1°29	1° 5	0°30	1° 9	n.a.	F 15
S 16	6 55 48	15°39'22	2♋37	26°39	17°46	9°21	18°57	2° 5	18°22	1°56	1°31	1°R 5	0°26	1°16	n.a.	S 16
S 17	6 59 44	16°39'39	14°45	26°26	19° 1	10° 7	19°11	2° 8	18°25	1°55	1°32	1° 5	0°23	1°23	n.a.	S 17
M18	7 3 41	17°39'55	27° 5	26°D21	20°16	10°52	19°26	2°12	18°28	1°54	1°34	1° 4	0°20	1°29	n.a.	M18
T 19	7 7 38	18°40'09	9♌36	26°22	21°31	11°38	19°40	2°16	18°31	1°53	1°36	1° 1	0°17	1°36	n.a.	T 19
W20	7 11 34	19°40'21	22°20	26°29	22°46	12°24	19°55	2°20	18°34	1°52	1°38	0°59	0°14	1°43	n.a.	W20
T 21	7 15 31	20°40'31	5♍18	26°43	24° 0	13°10	20° 9	2°24	18°37	1°51	1°40	0°56	0°11	1°49	n.a.	T 21
F 22	7 19 27	21°40'39	18°29	27° 2	25°15	13°56	20°23	2°28	18°40	1°50	1°41	0°53	0° 7	1°56	n.a.	F 22
S 23	7 23 24	22°40'46	1♎55	27°27	26°30	14°42	20°38	2°32	18°43	1°49	1°43	0°51	0° 4	2° 3	n.a.	S 23
S 24	7 27 20	23°40'50	15°35	27°56	27°45	15°28	20°52	2°37	18°46	1°47	1°45	0°49	0° 1	2° 9	n.a.	S 24
M25	7 31 17	24°40'53	29°30	28°31	28°59	16°14	21° 7	2°41	18°49	1°46	1°46	0°D49	29♊58	2°16	n.a.	M25
T 26	7 35 13	25°40'55	13♏39	29° 9	0♒14	17° 0	21°21	2°46	18°53	1°45	1°48	0°50	29°55	2°23	n.a.	T 26
W27	7 39 10	26°40'54	28° 0	29°52	1°29	17°46	21°35	2°50	18°56	1°44	1°50	0°52	29°52	2°29	n.a.	W27
T 28	7 43 7	27°40'52	12♐32	0♉38	2°44	18°32	21°50	2°55	18°59	1°42	1°52	0°53	29°48	2°36	n.a.	T 28
F 29	7 47 3	28°40'48	27°10	1°28	3°58	19°18	22° 4	3° 0	19° 2	1°41	1°53	0°R54	29°45	2°43	n.a.	F 29
S 30	7 51 0	29°40'43	11♉48	2°21	5°13	20° 4	22°19	3° 5	19° 6	1°40	1°55	0°53	29°42	2°49	n.a.	S 30
S 31	7 54 56	0♒40'35	26♉20	3♉17	6♒28	20♐50	22♉33	3♈10	19♒ 9	1♍38	1♉56	0♋52	29♊39	2♊56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s50	22 s10	1n10	20 s44	2n44	24 s43	0 s54	20 s16	0 s15	23 s44	0 s48	1 s47	2 s33	16 s31	0 s45	12n27	1n41	30 s41	6 s51	23n50	23n50	17n46		n.a.
S 2	23 50	24 1	0 s13	20 32	2 59	24 45	0 55	20 27	0 16	23 42	0 48	1 46	2 33	16 30	0 45	12 27	1 41	30 41	6 51	23 50	23 50	17 48		n.a.
S 3	23 49	24 7	1 34	20 23	3 12	24 47	0 57	20 38	0 16	23 40	0 48	1 45	2 33	16 29	0 45	12 28	1 41	30 41	6 51	23 50	23 50	17 50		n.a.
M 4	23 47	22 35	2 47	20 15	3 24	24 47	0 59	20 49	0 17	23 39	0 48	1 44	2 32	16 28	0 45	12 28	1 41	30 41	6 51	23 50	23 50	17 52		n.a.
T 5	23 45	19 39	3 48	20 8	3 34	24 47	1 0	20 59	0 18	23 37	0 48	1 43	2 32	16 27	0 45	12 28	1 41	30 41	6 51	23 50	23 50	17 54		n.a.
W 6	23 43	15 43	4 34	20 4	3 41	24 46	1 2	21 9	0 19	23 35	0 48	1 41	2 32	16 26	0 45	12 29	1 41	30 41	6 51	23 50	23 50	17 56		n.a.
T 7	23 40	11 8	5 3	20 1	3 46	24 44	1 4	21 19	0 20	23 33	0 48	1 40	2 31	16 26	0 45	12 29	1 41	30 41	6 51	23 50	23 50	17 58		n.a.
F 8	23 37	6 12	5 17	20 0	3 49	24 41	1 5	21 29	0 20	23 32	0 48	1 38	2 31	16 25	0 45	12 29	1 41	30 41	6 52	23 50	23 50	18 1		n.a.
S 9	23 33	1 9	5 15	20 0	3 49	24 38	1 7	21 39	0 21	23 30	0 48	1 37	2 31	16 24	0 45	12 30	1 41	30 41	6 52	23 50	23 50	18 3		n.a.
S 10	23 29	3n50	4 58	20 3	3 47	24 34	1 8	21 48	0 22	23 28	0 49	1 36	2 31	16 23	0 45	12 30	1 41	30 41	6 52	23 50	23 50	18 5		n.a.
M11	23 24	8 36	4 29	20 6	3 44	24 29	1 10	21 57	0 23	23 26	0 49	1 34	2 30	16 22	0 45	12 30	1 41	30 41	6 52	23 50	23 50	18 7		n.a.
T 12	23 19	13 0	3 48	20 11	3 38	24 23	1 11	22 6	0 23	23 24	0 49	1 32	2 30	16 21	0 45	12 31	1 41	30 42	6 52	23 50	23 50	18 9		n.a.
W13	23 13	16 54	2 58	20 18	3 31	24 17	1 12	22 15	0 24	23 22	0 49	1 31	2 30	16 20	0 45	12 31	1 42	30 42	6 52	23 50	23 50	18 11		n.a.
T 14	23 7	20 8	2 1	20 25	3 23	24 10	1 13	22 23	0 25	23 21	0 49	1 29	2 29	16 19	0 45	12 31	1 42	30 42	6 52	23 50	23 50	18 13		n.a.
F 15	23 1	22 32	0 58	20 34	3 14	24 2	1 15	22 31	0 26	23 19	0 49	1 28	2 29	16 18	0 45	12 32	1 42	30 42	6 52	23 50	23 50	18 16		n.a.
S 16	22 54	23 57	0n 8	20 44	3 4	23 53	1 16	22 39	0 27	23 17	0 49	1 26	2 29	16 17	0 45	12 32	1 42	30 42	6 52	23 50	23 50	18 18		n.a.
S 17	22 47	24 15	1 15	20 54	2 53	23 44	1 17	22 47	0 27	23 15	0 49	1 24	2 28	16 16	0 45	12 33	1 42	30 42	6 52	23 50	23 50	18 20		n.a.
M18	22 39	23 21	2 19	21 6	2 41	23 34	1 18	22 55	0 28	23 13	0 49	1 22	2 28	16 15	0 45	12 33	1 42	30 42	6 53	23 50	23 50	18 22		n.a.
T 19	22 31	21 18	3 17	21 17	2 30	23 23	1 19	23 2	0 29	23 11	0 49	1 20	2 28	16 14	0 45	12 34	1 42	30 42	6 53	23 50	23 50	18 24		n.a.
W20	22 22	18 10	4 7	21 30	2 18	23 11	1 20	23 9	0 30	23 9	0 49	1 19	2 28	16 13	0 45	12 34	1 42	30 42	6 53	23 50	23 50	18 26		n.a.
T 21	22 13	14 7	4 44	21 42	2 6	22 59	1 21	23 16	0 31	23 6	0 49	1 17	2 27	16 12	0 45	12 34	1 42	30 42	6 53	23 50	23 50	18 28		n.a.
F 22	22 3	9 20	5 8	21 55	1 53	22 46	1 21	23 22	0 31	23 4	0 49	1 15	2 27	16 11	0 45	12 35	1 42	30 42	6 53	23 50	23 50	18 30		n.a.
S 23	21 54	4 2	5 15	22 7	1 41	22 33	1 22	23 28	0 32	23 2	0 50	1 13	2 27	16 10	0 45	12 35	1 42	30 43	6 53	23 50	23 50	18 32		n.a.
S 24	21 43	1 s33	5 5	22 20	1 29	22 18	1 23	23 34	0 33	23 0	0 50	1 11	2 27	16 9	0 45	12 36	1 42	30 43	6 53	23 50	23 50	18 34		n.a.
M25	21 33	7 10	4 37	22 33	1 17	22 3	1 23	23 40	0 34	22 58	0 50	1 9	2 26	16 8	0 45	12 36	1 42	30 43	6 53	23 50	23 50	18 37		n.a.
T 26	21 21	12 31	3 51	22 45	1 5	21 48	1 24	23 46	0 35	22 56	0 50	1 7	2 26	16 7	0 45	12 37	1 42	30 43	6 54	23 50	23 50	18 39		n.a.
W27	21 10	17 16	2 51	22 56	0 54	21 32	1 24	23 51	0 35	22 53	0 50	1 5	2 26	16 6	0 45	12 37	1 42	30 43	6 54	23 50	23 50	18 41		n.a.
T 28	20 58	21 2	1 39	23 8	0 42	21 15	1 25	23 56	0 36	22 51	0 50	1 2	2 25	16 5	0 45	12 38	1 42	30 43	6 54	23 50	23 50	18 43		n.a.
F 29	20 46	23 28	0 21	23 18	0 31	20 57	1 25	24 0	0 37	22 49	0 50	1 0	2 25	16 4	0 45	12 38	1 42	30 43	6 54	23 50	23 50	18 45		n.a.
S 30	20 33	24 17	1 s 0	23 29	0 20	20 39	1 25	24 5	0 38	22 47	0 50	0 58	2 25	16 3	0 45	12 39	1 42	30 43	6 54	23 50	23 50	18 47		n.a.
S 31	20 s20	23 s27	2 s15	23 s38	0n10	20 s21	1 s26	24 s 9	0 s38	22 s44	0 s50	0 s56	2 s25	16 s 2	0 s45	12n39	1n42	30 s44	6 s54	23n50	23n50	18n49		n.a.

Julian Day Number = 1289697.5, Delta T = 08h00m23s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'25, Lahiri = -20°16'25 Julian Calendar 1 Jan. 1182 BCE == Greg. Calendar 21 Dec. 1183 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

FEBRUARY 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 58 53	1♒40'25	10♒40	4♑15	7♒42	21♐36	22♑47	3♈15	19♒12	1°R37	1♑58	0°R48	29♊36	3♊ 3	n.a.	M 1
T 2	8 2 49	2°40'12	24°43	5°17	8°57	22°22	23° 2	3°20	19°15	1♏36	2° 0	0♋44	29°32	3° 9	n.a.	T 2
W 3	8 6 46	3°39'58	8♓24	6°21	10°11	23° 8	23°16	3°25	19°19	1°34	2° 1	0°38	29°29	3°16	n.a.	W 3
T 4	8 10 42	4°39'41	21°41	7°27	11°26	23°54	23°30	3°30	19°22	1°33	2° 3	0°33	29°26	3°23	n.a.	T 4
F 5	8 14 39	5°39'22	4♈35	8°36	12°41	24°40	23°44	3°36	19°25	1°31	2° 5	0°28	29°23	3°29	n.a.	F 5
S 6	8 18 35	6°39'00	17° 8	9°46	13°55	25°26	23°59	3°41	19°29	1°30	2° 6	0°25	29°20	3°36	n.a.	S 6
S 7	8 22 32	7°38'36	29°22	10°59	15°10	26°12	24°13	3°47	19°32	1°29	2° 8	0°23	29°17	3°43	n.a.	S 7
M 8	8 26 29	8°38'10	11♉23	12°14	16°24	26°58	24°27	3°52	19°35	1°27	2° 9	0°D22	29°13	3°49	n.a.	M 8
T 9	8 30 25	9°37'41	23°15	13°30	17°39	27°44	24°41	3°58	19°39	1°26	2°11	0°23	29°10	3°56	n.a.	T 9
W10	8 34 22	10°37'09	5♊ 3	14°48	18°53	28°31	24°55	4° 4	19°42	1°24	2°12	0°25	29° 7	4° 3	n.a.	W10
T 11	8 38 18	11°36'36	16°53	16° 8	20° 8	29°17	25° 9	4° 9	19°46	1°23	2°14	0°27	29° 4	4° 9	n.a.	T 11
F 12	8 42 15	12°36'00	28°49	17°30	21°22	0♑ 3	25°24	4°15	19°49	1°21	2°15	0°R27	29° 1	4°16	n.a.	F 12
S 13	8 46 11	13°35'21	10♋55	18°53	22°36	0°49	25°38	4°21	19°52	1°20	2°17	0°27	28°57	4°23	n.a.	S 13
S 14	8 50 8	14°34'40	23°14	20°18	23°51	1°35	25°52	4°27	19°56	1°18	2°18	0°24	28°54	4°29	n.a.	S 14
M15	8 54 4	15°33'57	5♌49	21°44	25° 5	2°21	26° 6	4°33	19°59	1°16	2°20	0°20	28°51	4°36	n.a.	M15
T 16	8 58 1	16°33'12	18°40	23°12	26°19	3° 7	26°20	4°39	20° 3	1°15	2°21	0°13	28°48	4°43	n.a.	T 16
W17	9 1 58	17°32'24	1♍46	24°41	27°34	3°53	26°33	4°46	20° 6	1°13	2°22	0° 5	28°45	4°49	n.a.	W17
T 18	9 5 54	18°31'35	15° 8	26°12	28°48	4°39	26°47	4°52	20° 9	1°12	2°24	29♊57	28°42	4°56	n.a.	T 18
F 19	9 9 51	19°30'43	28°43	27°44	0♓ 2	5°26	27° 1	4°58	20°13	1°10	2°25	29°49	28°38	5° 3	n.a.	F 19
S 20	9 13 47	20°29'49	12♎28	29°18	1°16	6°12	27°15	5° 5	20°16	1° 8	2°26	29°42	28°35	5° 9	n.a.	S 20
S 21	9 17 44	21°28'53	26°21	0♒53	2°31	6°58	27°29	5°11	20°20	1° 7	2°28	29°37	28°32	5°16	n.a.	S 21
M22	9 21 40	22°27'56	10♏21	2°30	3°45	7°44	27°43	5°18	20°23	1° 5	2°29	29°35	28°29	5°22	n.a.	M22
T 23	9 25 37	23°26'56	24°26	4° 8	4°59	8°30	27°56	5°24	20°26	1° 4	2°30	29°D34	28°26	5°29	n.a.	T 23
W24	9 29 33	24°25'55	8♐35	5°47	6°13	9°16	28°10	5°31	20°30	1° 2	2°31	29°35	28°23	5°36	n.a.	W24
T 25	9 33 30	25°24'52	22°47	7°28	7°27	10° 2	28°24	5°37	20°33	1° 0	2°33	29°R35	28°19	5°42	n.a.	T 25
F 26	9 37 26	26°23'47	6♑59	9°11	8°41	10°48	28°37	5°44	20°37	0°59	2°34	29°35	28°16	5°49	n.a.	F 26
S 27	9 41 23	27°22'40	21°10	10°54	9°55	11°35	28°51	5°51	20°40	0°57	2°35	29°33	28°13	5°56	n.a.	S 27
S 28	9 45 20	28♒21'31	5♒17	12♒40	11♓ 9	12♑21	29♑ 4	5♈58	20♒43	0♏55	2♑36	29♊29	28♊10	6♊ 2	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 7	21s 4	3s21	23s46	0s 0	20s 2	1s26	24s13	0s39	22s42	0s50	0s53	2s24	16s 1	0s45	12n40	1n42	30s44	6s54	23n50	23n50	18n51		n.a.
T 2	19 53	17 28	4 13	23 54	0 10	19 42	1 26	24 17	0 40	22 40	0 50	0 51	2 24	16 0	0 45	12 40	1 42	30 44	6 55	23 50	23 50	18 53		n.a.
W 3	19 39	13 0	4 49	24 1	0 20	19 21	1 26	24 20	0 41	22 37	0 51	0 49	2 24	15 59	0 45	12 41	1 42	30 44	6 55	23 50	23 50	18 55		n.a.
T 4	19 25	8 3	5 8	24 6	0 29	19 1	1 26	24 23	0 42	22 35	0 51	0 47	2 24	15 58	0 45	12 42	1 43	30 44	6 55	23 50	23 50	18 57		n.a.
F 5	19 10	2 54	5 11	24 11	0 38	18 39	1 26	24 26	0 42	22 33	0 51	0 44	2 23	15 57	0 45	12 42	1 43	30 44	6 55	23 50	23 50	18 59		n.a.
S 6	18 55	2n15	4 59	24 14	0 47	18 17	1 26	24 29	0 43	22 30	0 51	0 42	2 23	15 56	0 45	12 43	1 43	30 44	6 55	23 50	23 50	19 1		n.a.
S 7	18 40	7 11	4 33	24 17	0 55	17 55	1 25	24 31	0 44	22 28	0 51	0 39	2 23	15 55	0 45	12 43	1 43	30 44	6 55	23 50	23 50	19 3		n.a.
M 8	18 24	11 46	3 56	24 18	1 2	17 32	1 25	24 33	0 45	22 25	0 51	0 37	2 23	15 54	0 45	12 44	1 43	30 45	6 56	23 50	23 50	19 5		n.a.
T 9	18 8	15 51	3 9	24 18	1 10	17 9	1 25	24 35	0 46	22 23	0 51	0 34	2 23	15 52	0 45	12 44	1 43	30 45	6 56	23 50	23 50	19 8		n.a.
W10	17 52	19 18	2 14	24 16	1 17	16 45	1 24	24 36	0 46	22 20	0 51	0 32	2 22	15 51	0 45	12 45	1 43	30 45	6 56	23 50	23 50	19 10		n.a.
T 11	17 35	21 58	1 13	24 13	1 24	16 20	1 24	24 37	0 47	22 18	0 51	0 29	2 22	15 50	0 45	12 45	1 43	30 45	6 56	23 50	23 50	19 12		n.a.
F 12	17 18	23 41	0 9	24 9	1 30	15 56	1 23	24 38	0 48	22 15	0 52	0 27	2 22	15 49	0 45	12 46	1 43	30 45	6 56	23 50	23 50	19 14		n.a.
S 13	17 1	24 19	0n57	24 4	1 36	15 30	1 23	24 39	0 49	22 13	0 52	0 24	2 22	15 48	0 45	12 47	1 43	30 45	6 57	23 50	23 50	19 16		n.a.
S 14	16 44	23 46	2 0	23 56	1 41	15 5	1 22	24 39	0 50	22 10	0 52	0 22	2 21	15 47	0 45	12 47	1 43	30 46	6 57	23 50	23 50	19 18		n.a.
M15	16 26	22 1	2 59	23 48	1 46	14 39	1 21	24 39	0 50	22 8	0 52	0 19	2 21	15 46	0 45	12 48	1 43	30 46	6 57	23 50	23 50	19 20		n.a.
T 16	16 8	19 8	3 51	23 37	1 51	14 13	1 21	24 39	0 51	22 5	0 52	0 16	2 21	15 45	0 45	12 48	1 43	30 46	6 57	23 50	23 50	19 22		n.a.
W17	15 50	15 13	4 31	23 26	1 55	13 46	1 20	24 38	0 52	22 3	0 52	0 14	2 21	15 44	0 45	12 49	1 43	30 46	6 57	23 50	23 50	19 24		n.a.
T 18	15 31	10 30	4 57	23 12	1 59	13 19	1 19	24 38	0 53	22 0	0 52	0 11	2 21	15 43	0 45	12 50	1 43	30 46	6 58	23 50	23 50	19 26		n.a.
F 19	15 13	5 12	5 7	22 57	2 2	12 51	1 18	24 37	0 53	21 57	0 53	0 8	2 20	15 42	0 45	12 50	1 43	30 46	6 58	23 50	23 50	19 28		n.a.
S 20	14 54	0s25	5 0	22 40	2 5	12 24	1 17	24 35	0 54	21 55	0 53	0 5	2 20	15 40	0 45	12 51	1 43	30 47	6 58	23 50	23 50	19 30		n.a.
S 21	14 35	6 5	4 35	22 22	2 8	11 56	1 16	24 34	0 55	21 52	0 53	0 3	2 20	15 39	0 45	12 51	1 43	30 47	6 58	23 50	23 50	19 32		n.a.
M22	14 15	11 29	3 53	22 2	2 10	11 27	1 15	24 32	0 56	21 50	0 53	0n 0	2 20	15 38	0 45	12 52	1 43	30 47	6 58	23 50	23 50	19 34		n.a.
T 23	13 56	16 20	2 57	21 40	2 11	10 58	1 13	24 30	0 56	21 47	0 53	0 3	2 20	15 37	0 45	12 53	1 43	30 47	6 59	23 50	23 50	19 36		n.a.
W24	13 36	20 17	1 50	21 16	2 12	10 30	1 12	24 27	0 57	21 44	0 53	0 6	2 19	15 36	0 45	12 53	1 43	30 47	6 59	23 50	23 50	19 38		n.a.
T 25	13 16	23 2	0 36	20 51	2 13	10 0	1 11	24 25	0 58	21 42	0 53	0 9	2 19	15 35	0 45	12 54	1 43	30 48	6 59	23 50	23 49	19 40		n.a.
F 26	12 55	24 18	0s40	20 23	2 13	9 31	1 9	24 22	0 59	21 39	0 54	0 11	2 19	15 34	0 45	12 54	1 43	30 48	6 59	23 50	23 49	19 42		n.a.
S 27	12 35	24 0	1 53	19 54	2 13	9 1	1 8	24 19	1 0	21 36	0 54	0 14	2 19	15 33	0 45	12 55	1 43	30 48	6 59	23 50	23 49	19 44		n.a.
S 28	12s14	22s 9	2s59	19s23	2s12	8s31	1s 6	24s15	1s 0	21s34	0s54	0n17	2s19	15s32	0s45	12n56	1n43	30s48	7s 0	23n50	23n49	19n46		n.a.

Julian Day Number = 1289728.5, Delta T = 08h00m21s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'21, Lahiri = -20°16'21 Julian Calendar 1 Feb. 1182 BCE == Greg. Calendar 21 Jan. 1182 BCE

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

MARCH 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 49 16	29♒20'20	19♒14	14♒26	12♓23	13♉ 7	29♉18	6♈ 4	20♒47	0°R54	2♉37	29°R22	28♊ 7	6♊ 9	n.a.	M 1
T 2	9 53 13	0♓19'07	2♓59	16°15	13°37	13°53	29°31	6°11	20°50	0♍52	2°39	29♊13	28° 3	6°16	n.a.	T 2
W 3	9 57 9	1°17'52	16°28	18° 4	14°51	14°39	29°44	6°18	20°54	0°51	2°40	29° 2	28° 0	6°22	n.a.	W 3
T 4	10 1 6	2°16'34	29°38	19°56	16° 5	15°25	29°58	6°25	20°57	0°49	2°41	28°51	27°57	6°29	n.a.	T 4
F 5	10 5 2	3°15'15	12♈28	21°48	17°19	16°11	0♒11	6°32	21° 0	0°47	2°42	28°41	27°54	6°36	n.a.	F 5
S 6	10 8 59	4°13'53	24°59	23°43	18°33	16°57	0°24	6°39	21° 4	0°46	2°43	28°33	27°51	6°42	n.a.	S 6
S 7	10 12 55	5°12'28	7♉14	25°38	19°47	17°43	0°37	6°47	21° 7	0°44	2°44	28°27	27°48	6°49	n.a.	S 7
M 8	10 16 52	6°11'02	19°15	27°35	21° 1	18°29	0°50	6°54	21°10	0°42	2°45	28°24	27°44	6°56	n.a.	M 8
T 9	10 20 48	7° 9'33	1♊ 7	29°34	22°15	19°15	1° 3	7° 1	21°14	0°41	2°46	28°22	27°41	7° 2	n.a.	T 9
W10	10 24 45	8° 8'02	12°56	1♓34	23°29	20° 1	1°16	7° 8	21°17	0°39	2°47	28°D22	27°38	7° 9	n.a.	W10
T 11	10 28 42	9° 6'29	24°46	3°35	24°42	20°47	1°29	7°16	21°20	0°37	2°48	28°R22	27°35	7°16	n.a.	T 11
F 12	10 32 38	10° 4'53	6♋44	5°38	25°56	21°33	1°42	7°23	21°24	0°36	2°49	28°22	27°32	7°22	n.a.	F 12
S 13	10 36 35	11° 3'15	18°54	7°42	27°10	22°19	1°54	7°30	21°27	0°34	2°49	28°20	27°29	7°29	n.a.	S 13
S 14	10 40 31	12° 1'35	1♌20	9°47	28°24	23° 5	2° 7	7°38	21°30	0°33	2°50	28°16	27°25	7°36	n.a.	S 14
M15	10 44 28	12°59'53	14° 6	11°53	29°37	23°51	2°20	7°45	21°33	0°31	2°51	28°10	27°22	7°42	n.a.	M15
T 16	10 48 24	13°58'09	27°12	14° 0	0♈51	24°36	2°32	7°53	21°37	0°29	2°52	28° 0	27°19	7°49	n.a.	T 16
W17	10 52 21	14°56'22	10♍40	16° 8	2° 4	25°22	2°45	8° 0	21°40	0°28	2°53	27°49	27°16	7°56	n.a.	W17
T 18	10 56 17	15°54'34	24°26	18°16	3°18	26° 8	2°57	8° 8	21°43	0°26	2°54	27°38	27°13	8° 2	n.a.	T 18
F 19	11 0 14	16°52'44	8♎27	20°24	4°32	26°54	3° 9	8°15	21°46	0°25	2°54	27°26	27° 9	8° 9	n.a.	F 19
S 20	11 4 10	17°50'52	22°39	22°33	5°45	27°40	3°22	8°23	21°49	0°23	2°55	27°16	27° 6	8°16	n.a.	S 20
S 21	11 8 7	18°48'58	6♏55	24°41	6°59	28°25	3°34	8°30	21°52	0°22	2°56	27° 9	27° 3	8°22	n.a.	S 21
M22	11 12 4	19°47'03	21°12	26°48	8°12	29°11	3°46	8°38	21°56	0°20	2°56	27° 4	27° 0	8°29	n.a.	M22
T 23	11 16 0	20°45'06	5♐26	28°55	9°25	29°57	3°58	8°46	21°59	0°18	2°57	27° 2	26°57	8°35	n.a.	T 23
W24	11 19 57	21°43'08	19°35	1♈ 0	10°39	0♒42	4°10	8°53	22° 2	0°17	2°57	27° 2	26°54	8°42	n.a.	W24
T 25	11 23 53	22°41'08	3♑38	3° 4	11°52	1°28	4°22	9° 1	22° 5	0°15	2°58	27° 1	26°50	8°49	n.a.	T 25
F 26	11 27 50	23°39'07	17°35	5° 6	13° 6	2°14	4°33	9° 9	22° 8	0°14	2°59	27° 1	26°47	8°55	n.a.	F 26
S 27	11 31 46	24°37'05	1♒24	7° 6	14°19	2°59	4°45	9°16	22°11	0°13	2°59	26°58	26°44	9° 2	n.a.	S 27
S 28	11 35 43	25°35'01	15° 6	9° 4	15°32	3°45	4°57	9°24	22°14	0°11	3° 0	26°52	26°41	9° 9	n.a.	S 28
M29	11 39 39	26°32'55	28°38	11° 0	16°46	4°30	5° 8	9°32	22°17	0°10	3° 0	26°44	26°38	9°15	n.a.	M29
T 30	11 43 36	27°30'48	12♓ 0	12°52	17°59	5°16	5°20	9°40	22°20	0° 8	3° 1	26°33	26°34	9°22	n.a.	T 30
W31	11 47 33	28♓28'39	25♓ 8	14♈42	19♈12	6♒ 1	5♒31	9♈48	22♒23	0♍ 7	3♉ 1	26♊20	26♊31	9♊29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s54	18s59	3s53	18s51	2s10	8s 1	1s 5	24s11	1s 1	21s31	0s54	0n20	2s19	15s31	0s45	12n56	1n43	30s48	7s 0	23n50	23n49	19n48		n.a.
T 2	11 33	14 48	4 33	18 16	2 8	7 31	1 3	24 7	1 2	21 28	0 54	0 23	2 18	15 29	0 45	12 57	1 43	30 49	7 0	23 50	23 49	19 50		n.a.
W 3	11 11	9 58	4 56	17 40	2 6	7 0	1 2	24 3	1 3	21 26	0 54	0 26	2 18	15 28	0 45	12 57	1 43	30 49	7 0	23 50	23 49	19 51		n.a.
T 4	10 50	4 47	5 4	17 1	2 3	6 30	1 0	23 59	1 3	21 23	0 54	0 29	2 18	15 27	0 45	12 58	1 43	30 49	7 1	23 50	23 49	19 53		n.a.
F 5	10 29	0n29	4 55	16 21	2 0	5 59	0 58	23 54	1 4	21 20	0 55	0 32	2 18	15 26	0 45	12 59	1 43	30 49	7 1	23 50	23 49	19 55		n.a.
S 6	10 7	5 37	4 32	15 39	1 55	5 28	0 56	23 49	1 5	21 17	0 55	0 35	2 18	15 25	0 45	12 59	1 43	30 49	7 1	23 50	23 49	19 57		n.a.
S 7	9 45	10 25	3 58	14 55	1 51	4 57	0 55	23 43	1 5	21 15	0 55	0 38	2 18	15 24	0 45	13 0	1 43	30 50	7 1	23 50	23 49	19 59		n.a.
M 8	9 23	14 44	3 13	14 10	1 46	4 25	0 53	23 38	1 6	21 12	0 55	0 41	2 17	15 23	0 45	13 0	1 43	30 50	7 2	23 50	23 49	20 1		n.a.
T 9	9 1	18 27	2 20	13 22	1 40	3 54	0 51	23 32	1 7	21 9	0 55	0 44	2 17	15 22	0 45	13 1	1 43	30 50	7 2	23 50	23 49	20 3		n.a.
W10	8 39	21 23	1 21	12 33	1 34	3 22	0 49	23 26	1 8	21 6	0 55	0 47	2 17	15 21	0 45	13 2	1 43	30 50	7 2	23 50	23 49	20 5		n.a.
T 11	8 17	23 25	0 19	11 42	1 27	2 51	0 47	23 19	1 8	21 4	0 56	0 50	2 17	15 20	0 45	13 2	1 43	30 50	7 2	23 50	23 49	20 7		n.a.
F 12	7 55	24 24	0n44	10 50	1 20	2 19	0 45	23 13	1 9	21 1	0 56	0 53	2 17	15 19	0 45	13 3	1 43	30 51	7 3	23 50	23 49	20 9		n.a.
S 13	7 32	24 14	1 47	9 56	1 12	1 48	0 42	23 6	1 10	20 58	0 56	0 56	2 17	15 18	0 45	13 3	1 43	30 51	7 3	23 49	23 49	20 11		n.a.
S 14	7 10	22 53	2 46	9 0	1 3	1 16	0 40	22 59	1 10	20 56	0 56	0 59	2 17	15 17	0 45	13 4	1 43	30 51	7 3	23 49	23 49	20 13		n.a.
M15	6 47	20 20	3 37	8 3	0 55	0 44	0 38	22 52	1 11	20 53	0 56	1 2	2 17	15 15	0 45	13 5	1 43	30 51	7 3	23 49	23 49	20 15		n.a.
T 16	6 24	16 41	4 19	7 5	0 45	0 12	0 36	22 44	1 12	20 50	0 56	1 5	2 16	15 14	0 45	13 5	1 43	30 52	7 3	23 49	23 48	20 17		n.a.
W17	6 2	12 7	4 48	6 6	0 36	0n20	0 34	22 36	1 13	20 47	0 57	1 9	2 16	15 13	0 45	13 6	1 43	30 52	7 4	23 49	23 48	20 18		n.a.
T 18	5 39	6 50	5 1	5 7	0 26	0 51	0 31	22 28	1 13	20 45	0 57	1 12	2 16	15 12	0 45	13 6	1 43	30 52	7 4	23 49	23 48	20 20		n.a.
F 19	5 16	1 6	4 56	4 6	0 15	1 23	0 29	22 20	1 14	20 42	0 57	1 15	2 16	15 11	0 45	13 7	1 43	30 52	7 4	23 49	23 48	20 22		n.a.
S 20	4 53	4s45	4 32	3 5	0 5	1 55	0 27	22 11	1 15	20 39	0 57	1 18	2 16	15 10	0 45	13 7	1 43	30 53	7 5	23 48	23 48	20 24		n.a.
S 21	4 30	10 24	3 52	2 3	0n 6	2 27	0 24	22 3	1 15	20 36	0 57	1 21	2 16	15 9	0 45	13 8	1 43	30 53	7 5	23 48	23 48	20 26		n.a.
M22	4 7	15 30	2 57	1 2	0 17	2 58	0 22	21 54	1 16	20 34	0 58	1 24	2 16	15 8	0 45	13 8	1 43	30 53	7 5	23 48	23 48	20 28		n.a.
T 23	3 43	19 44	1 52	0 1	0 28	3 30	0 19	21 45	1 17	20 31	0 58	1 27	2 16	15 7	0 45	13 9	1 43	30 53	7 5	23 48	23 48	20 30		n.a.
W24	3 20	22 46	0 39	1n 0	0 39	4 1	0 17	21 35	1 17	20 28	0 58	1 30	2 16	15 6	0 45	13 10	1 43	30 54	7 6	23 48	23 48	20 32		n.a.
T 25	2 57	24 22	0s35	2 0	0 49	4 33	0 14	21 26	1 18	20 26	0 58	1 34	2 15	15 5	0 45	13 10	1 43	30 54	7 6	23 48	23 48	20 34		n.a.
F 26	2 34	24 25	1 46	2 59	1 0	5 4	0 12	21 16	1 19	20 23	0 58	1 37	2 15	15 4	0 45	13 11	1 43	30 54	7 6	23 48	23 48	20 35		n.a.
S 27	2 10	22 57	2 51	3 57	1 10	5 36	0 9	21 6	1 19	20 20	0 59	1 40	2 15	15 3	0 45	13 11	1 43	30 54	7 6	23 48	23 48	20 37		n.a.
S 28	1 47	20 9	3 45	4 53	1 21	6 7	0 7	20 56	1 20	20 18	0 59	1 43	2 15	15 2	0 45	13 12	1 43	30 55	7 7	23 48	23 48	20 39		n.a.
M29	1 24	16 16	4 25	5 48	1 30	6 38	0 4	20 45	1 20	20 15	0 59	1 46	2 15	15 1	0 45	13 12	1 43	30 55	7 7	23 48	23 48	20 41		n.a.
T 30	1 0	11 38	4 51	6 41	1 39	7 8	0 2	20 35	1 21	20 12	0 59	1 50	2 15	15 0	0 45	13 13	1 43	30 55	7 7	23 47	23 47	20 43		n.a.
W31	0s37	6s32	5s 0	7n33	1n48	7n39	0n 1	20s24	1s22	20s10	0s59	1n53	2s15	14s59	0s45	13n13	1n43	30s55	7s 7	23n47	23n47	20n45		n.a.

Julian Day Number = 1289756.5, Delta T = 08h00m20s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'17, Lahiri = -20°16'17 Julian Calendar 1 March 1182 BCE == Greg. Calendar 18 Feb. 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

APRIL 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 29	29♓26'29	8♈ 2	16♈28	20♈25	6♒47	5♒42	9♈55	22♒26	0°R 5	3♑ 1	26°R 7	26♊28	9♊35	n.a.	T 1
F 2	11 55 26	0♈24'16	20°40	18°12	21°38	7°32	5°53	10° 3	22°28	0♍ 4	3° 2	25♊55	26°25	9°42	n.a.	F 2
S 3	11 59 22	1°22'03	3♉ 4	19°52	22°51	8°17	6° 4	10°11	22°31	0° 3	3° 2	25°44	26°22	9°49	n.a.	S 3
S 4	12 3 19	2°19'47	15°13	21°28	24° 5	9° 3	6°15	10°19	22°34	0° 1	3° 2	25°36	26°19	9°55	n.a.	S 4
M 5	12 7 15	3°17'30	27°11	23° 1	25°18	9°48	6°26	10°27	22°37	29♌59	3° 3	25°31	26°15	10° 2	n.a.	M 5
T 6	12 11 12	4°15'12	9♊ 2	24°31	26°31	10°33	6°37	10°35	22°40	29°59	3° 3	25°28	26°12	10° 9	n.a.	T 6
W 7	12 15 8	5°12'51	20°50	25°56	27°44	11°18	6°47	10°43	22°42	29°57	3° 3	25°D27	26° 9	10°15	n.a.	W 7
T 8	12 19 5	6°10'29	2♋40	27°18	28°57	12° 3	6°58	10°50	22°45	29°56	3° 3	25°R27	26° 6	10°22	n.a.	T 8
F 9	12 23 2	7° 8'05	14°37	28°37	0♉10	12°49	7° 8	10°58	22°48	29°55	3° 4	25°27	26° 3	10°29	n.a.	F 9
S 10	12 26 58	8° 5'40	26°48	29°51	1°22	13°34	7°19	11° 6	22°50	29°54	3° 4	25°26	26° 0	10°35	n.a.	S 10
S 11	12 30 55	9° 3'13	9♌16	1♉ 2	2°35	14°19	7°29	11°14	22°53	29°52	3° 4	25°23	25°56	10°42	n.a.	S 11
M12	12 34 51	10° 0'44	22° 7	2° 9	3°48	15° 4	7°39	11°22	22°56	29°51	3° 4	25°17	25°53	10°49	n.a.	M12
T 13	12 38 48	10°58'14	5♍22	3°12	5° 1	15°48	7°49	11°30	22°58	29°50	3° 4	25° 9	25°50	10°55	n.a.	T 13
W14	12 42 44	11°55'42	19° 3	4°10	6°14	16°33	7°59	11°38	23° 1	29°49	3° 4	24°59	25°47	11° 2	n.a.	W14
T 15	12 46 41	12°53'09	3♎ 7	5° 5	7°26	17°18	8° 9	11°46	23° 3	29°48	3°R 4	24°48	25°44	11° 8	n.a.	T 15
F 16	12 50 37	13°50'34	17°30	5°55	8°39	18° 3	8°18	11°54	23° 5	29°47	3° 4	24°38	25°40	11°15	n.a.	F 16
S 17	12 54 34	14°47'58	2♏ 6	6°41	9°52	18°48	8°28	12° 2	23° 8	29°46	3° 4	24°28	25°37	11°22	n.a.	S 17
S 18	12 58 30	15°45'22	16°47	7°23	11° 4	19°32	8°37	12°10	23°10	29°45	3° 4	24°22	25°34	11°28	n.a.	S 18
M19	13 2 27	16°42'44	1♐27	8° 1	12°17	20°17	8°47	12°17	23°13	29°44	3° 4	24°17	25°31	11°35	n.a.	M19
T 20	13 6 24	17°40'06	15°59	8°34	13°29	21° 2	8°56	12°25	23°15	29°43	3° 4	24°16	25°28	11°42	n.a.	T 20
W21	13 10 20	18°37'27	0♑20	9° 2	14°42	21°46	9° 5	12°33	23°17	29°42	3° 4	24°D15	25°25	11°48	n.a.	W21
T 22	13 14 17	19°34'47	14°27	9°26	15°54	22°31	9°14	12°41	23°19	29°41	3° 3	24°R16	25°21	11°55	n.a.	T 22
F 23	13 18 13	20°32'06	28°20	9°46	17° 7	23°15	9°23	12°49	23°22	29°40	3° 3	24°16	25°18	12° 2	n.a.	F 23
S 24	13 22 10	21°29'25	11♒59	10° 0	18°19	23°59	9°32	12°57	23°24	29°39	3° 3	24°14	25°15	12° 8	n.a.	S 24
S 25	13 26 6	22°26'43	25°24	10°10	19°32	24°44	9°40	13° 5	23°26	29°38	3° 3	24°10	25°12	12°15	n.a.	S 25
M26	13 30 3	23°24'00	8♓36	10°16	20°44	25°28	9°49	13°13	23°28	29°37	3° 2	24° 4	25° 9	12°22	n.a.	M26
T 27	13 34 0	24°21'16	21°35	10°R17	21°56	26°12	9°57	13°20	23°30	29°37	3° 2	23°55	25° 6	12°28	n.a.	T 27
W28	13 37 56	25°18'32	4♈23	10°13	23° 8	26°56	10° 5	13°28	23°32	29°36	3° 2	23°45	25° 2	12°35	n.a.	W28
T 29	13 41 53	26°15'47	16°58	10° 5	24°21	27°40	10°13	13°36	23°34	29°35	3° 2	23°35	24°59	12°42	n.a.	T 29
F 30	13 45 49	27♈13'01	29♈21	9♉53	25♉33	28♒24	10♒21	13♈44	23♒36	29♌34	3♑ 1	23♊25	24♊56	12♊48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s14	1s15	4s54	8n22	1n56	8n10	0n 4	20s13	1s22	20s 7	1s 0	1n56	2s15	14s59	0s45	13n14	1n43	30s56	7s 8	23n47	23n47	20n47		n.a.
F 2	0n10	3n59	4 33	9 9	2 4	8 40	0 6	20 1	1 23	20 5	1 0	1 59	2 15	14 58	0 45	13 14	1 43	30 56	7 8	23 46	23 47	20 48		n.a.
S 3	0 33	8 59	4 0	9 54	2 11	9 10	0 9	19 50	1 23	20 2	1 0	2 2	2 15	14 57	0 45	13 15	1 43	30 56	7 8	23 46	23 47	20 50		n.a.
S 4	0 56	13 33	3 16	10 37	2 17	9 40	0 12	19 38	1 24	19 59	1 0	2 5	2 15	14 56	0 45	13 15	1 43	30 56	7 8	23 46	23 47	20 52		n.a.
M 5	1 20	17 31	2 24	11 17	2 22	10 10	0 14	19 27	1 25	19 57	1 1	2 9	2 15	14 55	0 45	13 15	1 43	30 57	7 9	23 45	23 47	20 54		n.a.
T 6	1 43	20 45	1 26	11 56	2 27	10 39	0 17	19 15	1 25	19 54	1 1	2 12	2 15	14 54	0 45	13 16	1 43	30 57	7 9	23 45	23 47	20 56		n.a.
W 7	2 6	23 6	0 25	12 31	2 31	11 8	0 20	19 3	1 26	19 52	1 1	2 15	2 15	14 53	0 45	13 16	1 43	30 57	7 9	23 45	23 47	20 57		n.a.
T 8	2 29	24 27	0n38	13 5	2 34	11 37	0 22	18 50	1 26	19 49	1 1	2 18	2 15	14 52	0 45	13 17	1 43	30 57	7 9	23 45	23 47	20 59		n.a.
F 9	2 53	24 40	1 40	13 36	2 37	12 6	0 25	18 38	1 27	19 47	1 1	2 21	2 14	14 51	0 45	13 17	1 43	30 58	7 10	23 45	23 47	21 1		n.a.
S 10	3 16	23 44	2 38	14 4	2 38	12 35	0 28	18 25	1 27	19 44	1 2	2 24	2 14	14 51	0 45	13 18	1 43	30 58	7 10	23 45	23 46	21 3		n.a.
S 11	3 39	21 36	3 30	14 30	2 39	13 3	0 30	18 13	1 28	19 42	1 2	2 28	2 14	14 50	0 45	13 18	1 43	30 58	7 10	23 45	23 46	21 5		n.a.
M12	4 2	18 21	4 14	14 53	2 39	13 30	0 33	18 0	1 29	19 40	1 2	2 31	2 14	14 49	0 45	13 18	1 43	30 58	7 11	23 45	23 46	21 6		n.a.
T 13	4 25	14 5	4 45	15 14	2 37	13 58	0 36	17 47	1 29	19 37	1 2	2 34	2 14	14 48	0 45	13 19	1 43	30 59	7 11	23 45	23 46	21 8		n.a.
W14	4 47	9 0	5 0	15 33	2 35	14 25	0 38	17 33	1 30	19 35	1 3	2 37	2 14	14 47	0 45	13 19	1 43	30 59	7 11	23 44	23 46	21 10		n.a.
T 15	5 10	3 18	4 59	15 49	2 32	14 52	0 41	17 20	1 30	19 33	1 3	2 40	2 14	14 46	0 45	13 20	1 43	30 59	7 11	23 44	23 46	21 12		n.a.
F 16	5 33	2s42	4 39	16 3	2 29	15 18	0 43	17 6	1 31	19 30	1 3	2 43	2 14	14 46	0 46	13 20	1 43	30 59	7 12	23 43	23 46	21 14		n.a.
S 17	5 55	8 39	4 0	16 14	2 24	15 44	0 46	16 53	1 31	19 28	1 3	2 47	2 14	14 45	0 46	13 20	1 42	31 0	7 12	23 43	23 46	21 15		n.a.
S 18	6 18	14 10	3 5	16 22	2 18	16 10	0 48	16 39	1 32	19 26	1 4	2 50	2 14	14 44	0 46	13 21	1 42	31 0	7 12	23 43	23 46	21 17		n.a.
M19	6 40	18 52	1 58	16 28	2 11	16 35	0 51	16 25	1 32	19 23	1 4	2 53	2 14	14 43	0 46	13 21	1 42	31 0	7 12	23 43	23 45	21 19		n.a.
T 20	7 3	22 21	0 44	16 32	2 4	17 0	0 54	16 11	1 33	19 21	1 4	2 56	2 14	14 43	0 46	13 21	1 42	31 0	7 13	23 43	23 45	21 21		n.a.
W21	7 25	24 22	0s32	16 33	1 55	17 24	0 56	15 57	1 33	19 19	1 4	2 59	2 14	14 42	0 46	13 22	1 42	31 1	7 13	23 43	23 45	21 22		n.a.
T 22	7 47	24 47	1 46	16 32	1 45	17 48	0 59	15 43	1 34	19 17	1 5	3 2	2 14	14 41	0 46	13 22	1 42	31 1	7 13	23 43	23 45	21 24		n.a.
F 23	8 9	23 38	2 51	16 29	1 35	18 12	1 1	15 28	1 34	19 15	1 5	3 5	2 14	14 40	0 46	13 22	1 42	31 1	7 13	23 43	23 45	21 26		n.a.
S 24	8 31	21 6	3 46	16 23	1 24	18 35	1 3	15 14	1 34	19 13	1 5	3 8	2 14	14 40	0 46	13 22	1 42	31 2	7 14	23 42	23 45	21 28		n.a.
S 25	8 53	17 27	4 27	16 14	1 11	18 57	1 6	14 59	1 35	19 10	1 5	3 12	2 14	14 39	0 46	13 23	1 42	31 2	7 14	23 42	23 45	21 29		n.a.
M26	9 14	13 0	4 54	16 4	0 58	19 19	1 8	14 44	1 35	19 8	1 6	3 15	2 14	14 38	0 46	13 23	1 42	31 2	7 14	23 42	23 45	21 31		n.a.
T 27	9 36	8 2	5 4	15 51	0 44	19 41	1 10	14 29	1 36	19 6	1 6	3 18	2 14	14 38	0 46	13 23	1 42	31 2	7 14	23 42	23 45	21 33		n.a.
W28	9 57	2 48	4 59	15 36	0 30	20 2	1 13	14 14	1 36	19 4	1 6	3 21	2 14	14 37	0 46	13 23	1 42	31 3	7 15	23 41	23 44	21 35		n.a.
T 29	10 18	2n28	4 40	15 19	0 15	20 23	1 15	13 59	1 37	19 2	1 7	3 24	2 14	14 36	0 46	13 24	1 42	31 3	7 15	23 41	23 44	21 36		n.a.
F 30	10n39	7n34	4s 7	15n 0	0s 1	20n43	1n17	13s44	1s37	19s 1	1s 7	3n27	2s14	14s36	0s46	13n24	1n42	31s 3	7s15	23n40	23n44	21n38		n.a.

Julian Day Number = 1289787.5, Delta T = 08h00m18s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'13, Lahiri = -20°16'13 Julian Calendar 1 Apr. 1182 BCE == Greg. Calendar 21 March 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

MAY 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 49 46	28♈10'15	11♉32	9°R37	26♉45	29♒ 8	10♒29	13♈52	23♒38	29°R34	3°R 1	23°R17	24♊53	12♊55	n.a.	S 1
S 2	13 53 42	29° 7'28	23°34	9♉17	27°57	29°52	10°36	13°59	23°40	29♏33	3♑ 0	23♊10	24°50	13° 1	n.a.	S 2
M 3	13 57 39	0♉ 4'40	5♊27	8°54	29° 9	0♓36	10°44	14° 7	23°42	29°32	3° 0	23° 6	24°46	13° 8	n.a.	M 3
T 4	14 1 35	1° 1'51	17°15	8°28	0♊21	1°20	10°51	14°15	23°43	29°32	2°59	23° 5	24°43	13°15	n.a.	T 4
W 5	14 5 32	1°59'01	29° 2	7°59	1°33	2° 3	10°58	14°22	23°45	29°31	2°59	23°D 5	24°40	13°21	n.a.	W 5
T 6	14 9 29	2°56'11	10♋51	7°28	2°45	2°47	11° 5	14°30	23°47	29°31	2°58	23° 6	24°37	13°28	n.a.	T 6
F 7	14 13 25	3°53'20	22°48	6°56	3°57	3°31	11°12	14°38	23°48	29°30	2°58	23° 7	24°34	13°35	n.a.	F 7
S 8	14 17 22	4°50'28	4♌58	6°22	5° 9	4°14	11°19	14°45	23°50	29°30	2°57	23°R 7	24°31	13°41	n.a.	S 8
S 9	14 21 18	5°47'35	17°25	5°48	6°21	4°57	11°25	14°53	23°51	29°29	2°57	23° 7	24°27	13°48	n.a.	S 9
M10	14 25 15	6°44'41	0♍15	5°14	7°33	5°41	11°32	15° 1	23°53	29°29	2°56	23° 4	24°24	13°55	n.a.	M10
T 11	14 29 11	7°41'47	13°30	4°41	8°44	6°24	11°38	15° 8	23°54	29°28	2°55	23° 0	24°21	14° 1	n.a.	T 11
W12	14 33 8	8°38'52	27°14	4° 9	9°56	7° 7	11°44	15°16	23°56	29°28	2°55	22°54	24°18	14° 8	n.a.	W12
T 13	14 37 4	9°35'57	11♎24	3°39	11° 8	7°50	11°50	15°23	23°57	29°28	2°54	22°48	24°15	14°15	n.a.	T 13
F 14	14 41 1	10°33'01	25°58	3°11	12°19	8°33	11°56	15°31	23°59	29°27	2°53	22°41	24°11	14°21	n.a.	F 14
S 15	14 44 58	11°30'04	10♏49	2°46	13°31	9°16	12° 2	15°38	24° 0	29°27	2°53	22°36	24° 8	14°28	n.a.	S 15
S 16	14 48 54	12°27'08	25°49	2°24	14°42	9°59	12° 7	15°45	24° 1	29°27	2°52	22°32	24° 5	14°35	n.a.	S 16
M17	14 52 51	13°24'11	10♐50	2° 6	15°54	10°42	12°12	15°53	24° 2	29°27	2°51	22°30	24° 2	14°41	n.a.	M17
T 18	14 56 47	14°21'14	25°43	1°52	17° 5	11°25	12°18	16° 0	24° 4	29°27	2°50	22°D29	23°59	14°48	n.a.	T 18
W19	15 0 44	15°18'18	10♑22	1°42	18°16	12° 7	12°23	16° 7	24° 5	29°26	2°50	22°30	23°56	14°55	n.a.	W19
T 20	15 4 40	16°15'22	24°41	1°36	19°28	12°50	12°27	16°15	24° 6	29°26	2°49	22°31	23°52	15° 1	n.a.	T 20
F 21	15 8 37	17°12'25	8♒41	1°D35	20°39	13°32	12°32	16°22	24° 7	29°26	2°48	22°33	23°49	15° 8	n.a.	F 21
S 22	15 12 34	18° 9'29	22°19	1°39	21°50	14°15	12°36	16°29	24° 8	29°26	2°47	22°R33	23°46	15°14	n.a.	S 22
S 23	15 16 30	19° 6'33	5♓38	1°48	23° 1	14°57	12°41	16°36	24° 9	29°D26	2°46	22°32	23°43	15°21	n.a.	S 23
M24	15 20 27	20° 3'38	18°38	2° 1	24°12	15°39	12°45	16°43	24° 9	29°26	2°45	22°29	23°40	15°28	n.a.	M24
T 25	15 24 23	21° 0'42	1♈23	2°20	25°23	16°21	12°49	16°50	24°10	29°26	2°44	22°25	23°37	15°34	n.a.	T 25
W26	15 28 20	21°57'47	13°54	2°43	26°34	17° 3	12°52	16°57	24°11	29°26	2°43	22°20	23°33	15°41	n.a.	W26
T 27	15 32 16	22°54'53	26°13	3°11	27°45	17°45	12°56	17° 4	24°12	29°26	2°42	22°15	23°30	15°48	n.a.	T 27
F 28	15 36 13	23°51'58	8♉21	3°44	28°56	18°27	12°59	17°11	24°13	29°27	2°41	22°11	23°27	15°54	n.a.	F 28
S 29	15 40 9	24°49'04	20°22	4°22	0♋ 7	19° 9	13° 3	17°18	24°13	29°27	2°40	22° 7	23°24	16° 1	n.a.	S 29
S 30	15 44 6	25°46'10	2♊15	5° 5	1°18	19°51	13° 6	17°25	24°14	29°27	2°39	22° 4	23°21	16° 8	n.a.	S 30
M31	15 48 3	26♉43'17	14♊ 4	5♉53	2♋29	20♓32	13♒ 8	17♈31	24♒14	29♏27	2♑38	22♊ 3	23♊17	16♊14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11n 0	12n19	3s24	14n39	0s17	21n 2	1n19	13s29	1s37	18s59	1s 7	3n30	2s14	14s35	0s46	13n24	1n42	31s 3	7s15	23n40	23n44	21n40		n.a.	S 1
S 2	11 21	16 31	2 32	14 17	0 34	21 21	1 21	13 14	1 38	18 57	1 7	3 33	2 14	14 35	0 46	13 24	1 42	31 4	7 16	23 39	23 44	21 41		n.a.	S 2
M 3	11 41	20 2	1 33	13 54	0 51	21 39	1 23	12 58	1 38	18 55	1 8	3 36	2 14	14 34	0 46	13 24	1 42	31 4	7 16	23 39	23 44	21 43		n.a.	M 3
T 4	12 1	22 42	0 31	13 29	1 8	21 57	1 26	12 43	1 39	18 53	1 8	3 39	2 14	14 34	0 46	13 25	1 42	31 4	7 16	23 39	23 44	21 45		n.a.	T 4
W 5	12 22	24 22	0n32	13 4	1 25	22 14	1 27	12 27	1 39	18 52	1 8	3 42	2 14	14 33	0 46	13 25	1 42	31 4	7 16	23 39	23 44	21 47		n.a.	W 5
T 6	12 42	24 57	1 35	12 38	1 41	22 31	1 29	12 11	1 39	18 50	1 9	3 45	2 14	14 32	0 46	13 25	1 42	31 5	7 17	23 39	23 43	21 48		n.a.	T 6
F 7	13 1	24 24	2 34	12 12	1 58	22 47	1 31	11 56	1 40	18 48	1 9	3 48	2 14	14 32	0 46	13 25	1 42	31 5	7 17	23 39	23 43	21 50		n.a.	F 7
S 8	13 21	22 41	3 27	11 46	2 13	23 2	1 33	11 40	1 40	18 47	1 9	3 51	2 15	14 31	0 46	13 25	1 42	31 5	7 17	23 39	23 43	21 52		n.a.	S 8
S 9	13 40	19 51	4 12	11 21	2 28	23 17	1 35	11 24	1 40	18 45	1 9	3 54	2 15	14 31	0 46	13 25	1 42	31 5	7 17	23 39	23 43	21 53		n.a.	S 9
M10	13 59	16 0	4 45	10 56	2 43	23 31	1 37	11 8	1 41	18 43	1 10	3 57	2 15	14 30	0 46	13 25	1 42	31 6	7 18	23 39	23 43	21 55		n.a.	M10
T 11	14 18	11 16	5 5	10 32	2 56	23 44	1 38	10 52	1 41	18 42	1 10	3 59	2 15	14 30	0 46	13 26	1 42	31 6	7 18	23 39	23 43	21 57		n.a.	T 11
W12	14 37	5 49	5 8	10 9	3 9	23 57	1 40	10 36	1 41	18 41	1 10	4 2	2 15	14 30	0 46	13 26	1 41	31 6	7 18	23 39	23 43	21 58		n.a.	W12
T 13	14 56	0s 6	4 53	9 49	3 20	24 9	1 41	10 20	1 41	18 39	1 11	4 5	2 15	14 29	0 46	13 26	1 41	31 6	7 18	23 38	23 42	22 0		n.a.	T 13
F 14	15 14	6 10	4 19	9 30	3 30	24 21	1 43	10 4	1 42	18 38	1 11	4 8	2 15	14 29	0 46	13 26	1 41	31 7	7 19	23 38	23 42	22 2		n.a.	F 14
S 15	15 32	12 3	3 27	9 13	3 39	24 31	1 44	9 48	1 42	18 36	1 11	4 11	2 15	14 28	0 47	13 26	1 41	31 7	7 19	23 37	23 42	22 3		n.a.	S 15
S 16	15 50	17 16	2 20	8 58	3 46	24 41	1 45	9 31	1 42	18 35	1 12	4 14	2 15	14 28	0 47	13 26	1 41	31 7	7 19	23 37	23 42	22 5		n.a.	S 16
M17	16 7	21 24	1 3	8 46	3 52	24 51	1 47	9 15	1 43	18 34	1 12	4 16	2 15	14 28	0 47	13 26	1 41	31 7	7 19	23 37	23 42	22 6		n.a.	M17
T 18	16 25	24 3	0s18	8 37	3 57	24 59	1 48	8 59	1 43	18 33	1 12	4 19	2 15	14 27	0 47	13 26	1 41	31 8	7 20	23 37	23 42	22 8		n.a.	T 18
W19	16 42	25 1	1 36	8 30	4 1	25 7	1 49	8 43	1 43	18 32	1 13	4 22	2 15	14 27	0 47	13 26	1 41	31 8	7 20	23 37	23 42	22 10		n.a.	W19
T 20	16 58	24 16	2 47	8 26	4 3	25 14	1 50	8 26	1 43	18 31	1 13	4 25	2 15	14 27	0 47	13 26	1 41	31 8	7 20	23 37	23 41	22 11		n.a.	T 20
F 21	17 15	22 1	3 46	8 25	4 4	25 21	1 51	8 10	1 44	18 30	1 13	4 27	2 15	14 26	0 47	13 26	1 41	31 8	7 20	23 37	23 41	22 13		n.a.	F 21
S 22	17 31	18 33	4 30	8 27	4 3	25 26	1 52	7 53	1 44	18 29	1 14	4 30	2 15	14 26	0 47	13 26	1 41	31 9	7 20	23 37	23 41	22 15		n.a.	S 22
S 23	17 47	14 13	4 59	8 31	4 2	25 31	1 53	7 37	1 44	18 28	1 14	4 33	2 16	14 26	0 47	13 26	1 41	31 9	7 21	23 37	23 41	22 16		n.a.	S 23
M24	18 3	9 20	5 12	8 38	3 59	25 36	1 53	7 21	1 44	18 27	1 14	4 36	2 16	14 25	0 47	13 26	1 41	31 9	7 21	23 37	23 41	22 18		n.a.	M24
T 25	18 18	4 9	5 9	8 48	3 56	25 39	1 54	7 4	1 44	18 26	1 14	4 38	2 16	14 25	0 47	13 26	1 41	31 9	7 21	23 37	23 41	22 19		n.a.	T 25
W26	18 34	1n 7	4 51	9 0	3 51	25 42	1 55	6 48	1 45	18 25	1 15	4 41	2 16	14 25	0 47	13 26	1 41	31 10	7 21	23 37	23 41	22 21		n.a.	W26
T 27	18 48	6 15	4 20	9 15	3 45	25 44	1 55	6 31	1 45	18 25	1 15	4 43	2 16	14 25	0 47	13 26	1 41	31 10	7 21	23 36	23 40	22 23		n.a.	T 27
F 28	19 3	11 6	3 37	9 33	3 39	25 45	1 56	6 15	1 45	18 24	1 15	4 46	2 16	14 25	0 47	13 25	1 41	31 10	7 22	23 36	23 40	22 24		n.a.	F 28
S 29	19 17	15 29	2 45	9 52	3 31	25 46	1 56	5 58	1 45	18 23	1 16	4 49	2 16	14 24	0 47	13 25	1 41	31 10	7 22	23 36	23 40	22 26		n.a.	S 29
S 30	19 31	19 13	1 47	10 15	3 23	25 46	1 56	5 42	1 45	18 23	1 16	4 51	2 16	14 24	0 47	13 25	1 41	31 10	7 22	23 36	23 40	22 27		n.a.	S 30
M31	19n45	22n 9	0s44	10n39	3s15	25n45	1n56	5s25	1s45	18s22	1s16	4n54	2s16	14s24	0s47	13n25	1n41	31s11	7s22	23n36	23n40	22n29		n.a.	M31

Julian Day Number = 1289817.5, Delta T = 08h00m16s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'09, Lahiri = -20°16'08 Julian Calendar 1 May 1182 BCE == Greg. Calendar 20 Apr. 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

JUNE 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 59	27♉40'23	25♊50	6♉45	3♋39	21♓14	13♒11	17♈38	24♒15	29♌28	2°R37	22°D 2	23♊14	16♊21	n.a.	T 1
W 2	15 55 56	28°37'30	7♋38	7°42	4°50	21°55	13°14	17°45	24°15	29°28	2♑36	22♊ 3	23°11	16°28	n.a.	W 2
T 3	15 59 52	29°34'37	19°28	8°43	6° 0	22°36	13°16	17°52	24°16	29°28	2°35	22° 5	23° 8	16°34	n.a.	T 3
F 4	16 3 49	0♊31'45	1♌27	9°49	7°11	23°17	13°18	17°58	24°16	29°29	2°34	22° 6	23° 5	16°41	n.a.	F 4
S 5	16 7 45	1°28'52	13°37	11° 0	8°21	23°58	13°20	18° 5	24°16	29°29	2°33	22° 8	23° 2	16°48	n.a.	S 5
S 6	16 11 42	2°26'00	26° 4	12°14	9°32	24°39	13°22	18°11	24°17	29°29	2°32	22° 8	22°58	16°54	n.a.	S 6
M 7	16 15 39	3°23'07	8♍51	13°33	10°42	25°20	13°23	18°17	24°17	29°30	2°31	22°R 9	22°55	17° 1	n.a.	M 7
T 8	16 19 35	4°20'15	22° 2	14°57	11°52	26° 1	13°24	18°24	24°17	29°30	2°30	22° 8	22°52	17° 7	n.a.	T 8
W 9	16 23 32	5°17'24	5♎40	16°24	13° 2	26°42	13°26	18°30	24°17	29°31	2°28	22° 6	22°49	17°14	n.a.	W 9
T 10	16 27 28	6°14'32	19°45	17°56	14°12	27°22	13°26	18°36	24°17	29°32	2°27	22° 4	22°46	17°21	n.a.	T 10
F 11	16 31 25	7°11'41	4♏16	19°31	15°22	28° 2	13°27	18°42	24°R17	29°32	2°26	22° 3	22°43	17°27	n.a.	F 11
S 12	16 35 21	8° 8'51	19° 9	21°10	16°32	28°43	13°28	18°49	24°17	29°33	2°25	22° 1	22°39	17°34	n.a.	S 12
S 13	16 39 18	9° 6'01	4♐15	22°53	17°42	29°23	13°28	18°55	24°17	29°33	2°24	22° 0	22°36	17°41	n.a.	S 13
M14	16 43 14	10° 3'12	19°27	24°40	18°52	0♈ 3	13°R28	19° 1	24°17	29°34	2°22	21°D59	22°33	17°47	n.a.	M14
T 15	16 47 11	11° 0'24	4♑35	26°29	20° 1	0°43	13°28	19° 7	24°17	29°35	2°21	22° 0	22°30	17°54	n.a.	T 15
W16	16 51 8	11°57'36	19°29	28°22	21°11	1°23	13°28	19°12	24°16	29°36	2°20	22° 0	22°27	18° 1	n.a.	W16
T 17	16 55 4	12°54'50	4♒ 4	0♊17	22°20	2° 2	13°28	19°18	24°16	29°36	2°19	22° 1	22°23	18° 7	n.a.	T 17
F 18	16 59 1	13°52'05	18°15	2°14	23°30	2°42	13°27	19°24	24°16	29°37	2°17	22° 2	22°20	18°14	n.a.	F 18
S 19	17 2 57	14°49'21	2♓ 1	4°14	24°39	3°21	13°26	19°30	24°15	29°38	2°16	22° 2	22°17	18°21	n.a.	S 19
S 20	17 6 54	15°46'38	15°22	6°16	25°48	4° 1	13°25	19°35	24°15	29°39	2°15	22°R 2	22°14	18°27	n.a.	S 20
M21	17 10 50	16°43'56	28°20	8°19	26°57	4°40	13°24	19°41	24°15	29°40	2°14	22° 2	22°11	18°34	n.a.	M21
T 22	17 14 47	17°41'15	10♈57	10°23	28° 7	5°19	13°23	19°46	24°14	29°41	2°12	22° 2	22° 8	18°41	n.a.	T 22
W23	17 18 43	18°38'36	23°19	12°28	29°15	5°58	13°21	19°51	24°13	29°42	2°11	22° 2	22° 4	18°47	n.a.	W23
T 24	17 22 40	19°35'58	5♉27	14°33	0♌24	6°37	13°19	19°57	24°13	29°43	2°10	22° 1	22° 1	18°54	n.a.	T 24
F 25	17 26 37	20°33'21	17°26	16°38	1°33	7°16	13°17	20° 2	24°12	29°44	2° 8	22° 1	21°58	19° 0	n.a.	F 25
S 26	17 30 33	21°30'46	29°18	18°44	2°42	7°54	13°15	20° 7	24°11	29°45	2° 7	22° 1	21°55	19° 7	n.a.	S 26
S 27	17 34 30	22°28'12	11♊ 6	20°49	3°50	8°33	13°13	20°12	24°11	29°46	2° 6	22°D 1	21°52	19°14	n.a.	S 27
M28	17 38 26	23°25'39	22°53	22°54	4°59	9°11	13°10	20°17	24°10	29°47	2° 4	22°R 1	21°49	19°20	n.a.	M28
T 29	17 42 23	24°23'07	4♋41	24°57	6° 7	9°49	13° 7	20°22	24° 9	29°48	2° 3	22° 1	21°45	19°27	n.a.	T 29
W30	17 46 19	25♊20'37	16♋32	27♊ 0	7♌16	10♈27	13♒ 4	20♈27	24♒ 8	29♌49	2♑ 2	22♊ 1	21♊42	19♊34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n58	24n 7	0n21	11n 5	3s 5	25n43	1n56	5s 9	1s45	18s22	1s17	4n56	2s17	14s24	0s47	13n25	1n41	31s11	7s22	23n36	23n40	22n30		n.a.
W 2	20 11	25 1	1 25	11 33	2 55	25 41	1 56	4 52	1 45	18 21	1 17	4 59	2 17	14 24	0 47	13 25	1 40	31 11	7 23	23 36	23 39	22 32		n.a.
T 3	20 24	24 48	2 26	12 3	2 44	25 38	1 56	4 36	1 46	18 21	1 17	5 1	2 17	14 24	0 47	13 25	1 40	31 11	7 23	23 36	23 39	22 34		n.a.
F 4	20 36	23 25	3 21	12 34	2 33	25 34	1 56	4 19	1 46	18 21	1 18	5 3	2 17	14 24	0 47	13 24	1 40	31 11	7 23	23 36	23 39	22 35		n.a.
S 5	20 48	20 57	4 8	13 8	2 22	25 29	1 56	4 3	1 46	18 20	1 18	5 6	2 17	14 24	0 47	13 24	1 40	31 12	7 23	23 36	23 39	22 37		n.a.
S 6	20 59	17 29	4 44	13 42	2 10	25 24	1 55	3 46	1 46	18 20	1 18	5 8	2 17	14 23	0 47	13 24	1 40	31 12	7 23	23 36	23 39	22 38		n.a.
M 7	21 11	13 7	5 8	14 18	1 58	25 18	1 55	3 30	1 46	18 20	1 19	5 11	2 17	14 23	0 47	13 24	1 40	31 12	7 23	23 36	23 39	22 40		n.a.
T 8	21 22	8 2	5 16	14 55	1 46	25 11	1 54	3 14	1 46	18 20	1 19	5 13	2 17	14 23	0 47	13 24	1 40	31 12	7 24	23 36	23 38	22 41		n.a.
W 9	21 32	2 24	5 8	15 32	1 33	25 4	1 54	2 57	1 46	18 20	1 20	5 15	2 18	14 23	0 48	13 23	1 40	31 12	7 24	23 36	23 38	22 43		n.a.
T 10	21 42	3s32	4 40	16 10	1 20	24 56	1 53	2 41	1 46	18 20	1 20	5 17	2 18	14 23	0 48	13 23	1 40	31 13	7 24	23 36	23 38	22 44		n.a.
F 11	21 52	9 29	3 55	16 49	1 7	24 47	1 52	2 25	1 46	18 20	1 20	5 20	2 18	14 23	0 48	13 23	1 40	31 13	7 24	23 36	23 38	22 46		n.a.
S 12	22 2	15 2	2 52	17 28	0 55	24 38	1 51	2 8	1 46	18 20	1 21	5 22	2 18	14 24	0 48	13 23	1 40	31 13	7 24	23 35	23 38	22 47		n.a.
S 13	22 11	19 46	1 37	18 7	0 42	24 27	1 50	1 52	1 46	18 21	1 21	5 24	2 18	14 24	0 48	13 22	1 40	31 13	7 24	23 35	23 37	22 49		n.a.
M14	22 20	23 10	0 14	18 46	0 29	24 17	1 49	1 36	1 46	18 21	1 21	5 26	2 18	14 24	0 48	13 22	1 40	31 13	7 25	23 35	23 37	22 50		n.a.
T 15	22 28	24 55	1s 9	19 25	0 17	24 5	1 47	1 20	1 46	18 21	1 22	5 28	2 18	14 24	0 48	13 22	1 40	31 14	7 25	23 35	23 37	22 52		n.a.
W16	22 36	24 49	2 27	20 3	0 5	23 53	1 46	1 4	1 46	18 22	1 22	5 30	2 19	14 24	0 48	13 21	1 40	31 14	7 25	23 35	23 37	22 53		n.a.
T 17	22 43	23 0	3 33	20 39	0n 7	23 40	1 45	0 48	1 46	18 22	1 22	5 32	2 19	14 24	0 48	13 21	1 40	31 14	7 25	23 35	23 37	22 55		n.a.
F 18	22 51	19 47	4 24	21 15	0 18	23 27	1 43	0 32	1 46	18 23	1 23	5 35	2 19	14 24	0 48	13 21	1 40	31 14	7 25	23 35	23 37	22 56		n.a.
S 19	22 57	15 33	4 59	21 49	0 29	23 13	1 41	0 16	1 46	18 23	1 23	5 37	2 19	14 24	0 48	13 20	1 40	31 14	7 25	23 35	23 36	22 58		n.a.
S 20	23 4	10 41	5 15	22 21	0 39	22 58	1 40	0n 0	1 46	18 24	1 23	5 38	2 19	14 25	0 48	13 20	1 40	31 14	7 25	23 36	23 36	22 59		n.a.
M21	23 10	5 29	5 16	22 51	0 48	22 43	1 38	0 16	1 46	18 24	1 24	5 40	2 19	14 25	0 48	13 20	1 40	31 14	7 26	23 36	23 36	23 1		n.a.
T 22	23 15	0 11	5 1	23 19	0 57	22 27	1 36	0 32	1 46	18 25	1 24	5 42	2 20	14 25	0 48	13 19	1 40	31 15	7 26	23 35	23 36	23 2		n.a.
W23	23 20	5n 0	4 32	23 45	1 6	22 10	1 34	0 48	1 46	18 26	1 24	5 44	2 20	14 25	0 48	13 19	1 40	31 15	7 26	23 35	23 36	23 3		n.a.
T 24	23 25	9 56	3 51	24 8	1 13	21 53	1 32	1 3	1 46	18 27	1 25	5 46	2 20	14 25	0 48	13 19	1 39	31 15	7 26	23 35	23 35	23 5		n.a.
F 25	23 30	14 26	3 1	24 29	1 20	21 36	1 29	1 19	1 45	18 28	1 25	5 48	2 20	14 26	0 48	13 18	1 39	31 15	7 26	23 35	23 35	23 6		n.a.
S 26	23 33	18 20	2 3	24 47	1 26	21 18	1 27	1 35	1 45	18 29	1 25	5 50	2 20	14 26	0 48	13 18	1 39	31 15	7 26	23 35	23 35	23 8		n.a.
S 27	23 37	21 29	1 0	25 2	1 32	20 59	1 25	1 50	1 45	18 30	1 26	5 51	2 21	14 26	0 48	13 17	1 39	31 15	7 26	23 35	23 35	23 9		n.a.
M28	23 40	23 43	0n 5	25 14	1 36	20 40	1 22	2 6	1 45	18 31	1 26	5 53	2 21	14 27	0 48	13 17	1 39	31 15	7 26	23 35	23 35	23 11		n.a.
T 29	23 43	24 55	1 10	25 24	1 40	20 20	1 19	2 21	1 45	18 32	1 26	5 55	2 21	14 27	0 48	13 16	1 39	31 16	7 26	23 35	23 34	23 12		n.a.
W30	23n45	24n59	2n12	25n31	1n43	20n 0	1n17	2n36	1s45	18s33	1s27	5n57	2s21	14s27	0s48	13n16	1n39	31s16	7s27	23n35	23n34	23n13		n.a.

Julian Day Number = 1289848.5, Delta T = 08h00m15s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'05, Lahiri = -20°16'04 Julian Calendar 1 June 1182 BCE == Greg. Calendar 21 May 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

JULY 1182 BCE (-1181) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 16	26♊18'08	28♋29	29♊ 2	8♌24	11♈ 5	13°R 1	20♈32	24°R 7	29♌50	2°R 0	22°R 0	21♊39	19♊40	n.a.	T 1
F 2	17 54 13	27°15'39	10♌34	1♋ 3	9°32	11°42	12♒58	20°36	24♒ 6	29°52	1♑59	22♊ 0	21°36	19°47	n.a.	F 2
S 3	17 58 9	28°13'12	22°50	3° 2	10°40	12°20	12°54	20°41	24° 5	29°53	1°58	21°59	21°33	19°54	n.a.	S 3
S 4	18 2 6	29°10'46	5♍20	5° 1	11°47	12°57	12°51	20°45	24° 4	29°54	1°56	21°58	21°29	20° 0	n.a.	S 4
M 5	18 6 2	0♋ 8'21	18° 7	6°58	12°55	13°34	12°47	20°50	24° 3	29°56	1°55	21°58	21°26	20° 7	n.a.	M 5
T 6	18 9 59	1° 5'57	1♎15	8°53	14° 3	14°11	12°43	20°54	24° 2	29°57	1°54	21°D57	21°23	20°14	n.a.	T 6
W 7	18 13 55	2° 3'35	14°45	10°47	15°10	14°48	12°39	20°58	24° 1	29°58	1°52	21°58	21°20	20°20	n.a.	W 7
T 8	18 17 52	3° 1'13	28°40	12°40	16°17	15°25	12°34	21° 3	24° 0	29°59	1°51	21°58	21°17	20°27	n.a.	T 8
F 9	18 21 48	3°58'53	12♏58	14°31	17°25	16° 2	12°30	21° 7	23°58	0♍ 1	1°49	21°59	21°14	20°33	n.a.	F 9
S 10	18 25 45	4°56'34	27°39	16°21	18°32	16°38	12°25	21°11	23°57	0° 2	1°48	22° 0	21°10	20°40	n.a.	S 10
S 11	18 29 42	5°54'16	12♐36	18° 9	19°38	17°14	12°20	21°15	23°56	0° 4	1°47	22° 1	21° 7	20°47	n.a.	S 11
M12	18 33 38	6°52'00	27°44	19°56	20°45	17°50	12°15	21°18	23°54	0° 5	1°45	22°R 1	21° 4	20°53	n.a.	M12
T 13	18 37 35	7°49'45	12♑53	21°42	21°52	18°26	12°10	21°22	23°53	0° 7	1°44	22° 0	21° 1	21° 0	n.a.	T 13
W14	18 41 31	8°47'32	27°54	23°26	22°58	19° 2	12° 4	21°26	23°51	0° 8	1°43	21°59	20°58	21° 7	n.a.	W14
T 15	18 45 28	9°45'21	12♒38	25° 9	24° 4	19°37	11°59	21°29	23°50	0°10	1°41	21°57	20°55	21°13	n.a.	T 15
F 16	18 49 24	10°43'11	27° 0	26°50	25°10	20°13	11°53	21°33	23°48	0°12	1°40	21°54	20°51	21°20	n.a.	F 16
S 17	18 53 21	11°41'03	10♓55	28°30	26°16	20°48	11°47	21°36	23°47	0°13	1°39	21°52	20°48	21°27	n.a.	S 17
S 18	18 57 17	12°38'57	24°22	0♌ 9	27°22	21°23	11°41	21°39	23°45	0°15	1°37	21°50	20°45	21°33	n.a.	S 18
M19	19 1 14	13°36'53	7♈23	1°46	28°27	21°57	11°35	21°42	23°43	0°16	1°36	21°49	20°42	21°40	n.a.	M19
T 20	19 5 11	14°34'51	20° 0	3°22	29°33	22°32	11°29	21°45	23°42	0°18	1°35	21°D49	20°39	21°47	n.a.	T 20
W21	19 9 7	15°32'52	2♉19	4°57	0♍38	23° 6	11°23	21°48	23°40	0°20	1°33	21°50	20°35	21°53	n.a.	W21
T 22	19 13 4	16°30'54	14°23	6°30	1°43	23°41	11°16	21°51	23°38	0°22	1°32	21°51	20°32	22° 0	n.a.	T 22
F 23	19 17 0	17°28'58	26°17	8° 2	2°48	24°14	11°10	21°54	23°37	0°23	1°31	21°53	20°29	22° 7	n.a.	F 23
S 24	19 20 57	18°27'04	8♊ 5	9°33	3°52	24°48	11° 3	21°56	23°35	0°25	1°29	21°55	20°26	22°13	n.a.	S 24
S 25	19 24 53	19°25'13	19°51	11° 2	4°57	25°22	10°56	21°59	23°33	0°27	1°28	21°R55	20°23	22°20	n.a.	S 25
M26	19 28 50	20°23'23	1♋39	12°30	6° 1	25°55	10°49	22° 1	23°31	0°29	1°27	21°55	20°20	22°26	n.a.	M26
T 27	19 32 46	21°21'36	13°32	13°57	7° 5	26°28	10°42	22° 4	23°29	0°30	1°26	21°53	20°16	22°33	n.a.	T 27
W28	19 36 43	22°19'50	25°31	15°22	8° 9	27° 1	10°35	22° 6	23°27	0°32	1°24	21°50	20°13	22°40	n.a.	W28
T 29	19 40 40	23°18'06	7♌39	16°46	9°12	27°34	10°27	22° 8	23°25	0°34	1°23	21°45	20°10	22°46	n.a.	T 29
F 30	19 44 36	24°16'24	19°56	18° 9	10°16	28° 6	10°20	22°10	23°23	0°36	1°22	21°40	20° 7	22°53	n.a.	F 30
S 31	19 48 33	25♋14'44	2♍25	19♌30	11♍19	28♈38	10♒13	22♈12	23♒21	0♍38	1♑21	21♊34	20♊ 4	23♊ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	23n53	3n 9	25n36	1n46	19n39	1n14	2n51	1s45	18s34	1s27	5n58	2s21	14s28	0s48	13n15	1n39	31s16	7s27	23n35	23n34	23n15			n.a.
F 2	23 48	21 42	3 58	25 37	1 47	19 18	1 11	3 6	1 44	18 35	1 27	6 0	2 21	14 28	0 48	13 15	1 39	31 16	7 27	23 35	23 34	23 16			n.a.
S 3	23 49	18 29	4 37	25 36	1 49	18 56	1 8	3 21	1 44	18 37	1 27	6 1	2 22	14 28	0 48	13 14	1 39	31 16	7 27	23 35	23 34	23 18			n.a.
S 4	23 50	14 24	5 4	25 33	1 49	18 34	1 5	3 36	1 44	18 38	1 28	6 3	2 22	14 29	0 48	13 14	1 39	31 16	7 27	23 35	23 33	23 19			n.a.
M 5	23 50	9 37	5 17	25 28	1 49	18 12	1 1	3 51	1 44	18 40	1 28	6 4	2 22	14 29	0 49	13 13	1 39	31 16	7 27	23 35	23 33	23 20			n.a.
T 6	23 50	4 16	5 13	25 20	1 48	17 49	0 58	4 6	1 44	18 41	1 28	6 6	2 22	14 29	0 49	13 13	1 39	31 16	7 27	23 35	23 33	23 22			n.a.
W 7	23 49	1s25	4 53	25 10	1 47	17 25	0 55	4 21	1 43	18 43	1 29	6 7	2 22	14 30	0 49	13 12	1 39	31 16	7 27	23 35	23 33	23 23			n.a.
T 8	23 48	7 13	4 15	24 58	1 45	17 1	0 51	4 35	1 43	18 44	1 29	6 9	2 23	14 30	0 49	13 12	1 39	31 16	7 27	23 35	23 33	23 25			n.a.
F 9	23 46	12 49	3 20	24 44	1 43	16 37	0 47	4 50	1 43	18 46	1 29	6 10	2 23	14 31	0 49	13 11	1 39	31 17	7 27	23 35	23 32	23 26			n.a.
S 10	23 44	17 50	2 11	24 28	1 40	16 13	0 44	5 4	1 43	18 47	1 30	6 11	2 23	14 31	0 49	13 11	1 39	31 17	7 27	23 35	23 32	23 27			n.a.
S 11	23 42	21 50	0 52	24 11	1 37	15 48	0 40	5 18	1 42	18 49	1 30	6 13	2 23	14 32	0 49	13 10	1 39	31 17	7 27	23 35	23 32	23 29			n.a.
M12	23 39	24 21	0s32	23 52	1 33	15 23	0 36	5 33	1 42	18 51	1 30	6 14	2 24	14 32	0 49	13 10	1 39	31 17	7 27	23 35	23 32	23 30			n.a.
T 13	23 36	25 4	1 53	23 31	1 29	14 57	0 32	5 47	1 42	18 53	1 30	6 15	2 24	14 33	0 49	13 9	1 39	31 17	7 27	23 35	23 32	23 31			n.a.
W14	23 32	23 57	3 6	23 9	1 24	14 31	0 28	6 1	1 41	18 54	1 31	6 16	2 24	14 33	0 49	13 9	1 39	31 17	7 28	23 35	23 31	23 33			n.a.
T 15	23 28	21 12	4 5	22 46	1 20	14 5	0 23	6 15	1 41	18 56	1 31	6 17	2 24	14 34	0 49	13 8	1 39	31 17	7 28	23 35	23 31	23 34			n.a.
F 16	23 24	17 11	4 47	22 21	1 14	13 39	0 19	6 28	1 41	18 58	1 31	6 18	2 24	14 34	0 49	13 7	1 39	31 17	7 28	23 35	23 31	23 35			n.a.
S 17	23 19	12 21	5 10	21 55	1 9	13 12	0 15	6 42	1 40	19 0	1 32	6 19	2 25	14 35	0 49	13 7	1 39	31 17	7 28	23 35	23 31	23 37			n.a.
S 18	23 13	7 5	5 15	21 29	1 3	12 45	0 10	6 56	1 40	19 2	1 32	6 20	2 25	14 36	0 49	13 6	1 39	31 17	7 28	23 35	23 30	23 38			n.a.
M19	23 8	1 40	5 4	21 1	0 57	12 18	0 6	7 9	1 40	19 4	1 32	6 21	2 25	14 36	0 49	13 5	1 39	31 17	7 28	23 35	23 30	23 39			n.a.
T 20	23 1	3n39	4 38	20 32	0 50	11 50	0 1	7 23	1 39	19 6	1 32	6 22	2 25	14 37	0 49	13 5	1 38	31 17	7 28	23 35	23 30	23 41			n.a.
W21	22 55	8 43	4 0	20 3	0 44	11 22	0s 4	7 36	1 39	19 8	1 33	6 23	2 26	14 37	0 49	13 4	1 38	31 17	7 28	23 35	23 30	23 42			n.a.
T 22	22 48	13 21	3 12	19 33	0 37	10 54	0 9	7 49	1 38	19 10	1 33	6 24	2 26	14 38	0 49	13 4	1 38	31 17	7 28	23 35	23 29	23 43			n.a.
F 23	22 40	17 26	2 17	19 2	0 30	10 26	0 14	8 2	1 38	19 12	1 33	6 25	2 26	14 39	0 49	13 3	1 38	31 17	7 28	23 35	23 29	23 45			n.a.
S 24	22 32	20 47	1 15	18 31	0 22	9 58	0 19	8 15	1 38	19 14	1 33	6 26	2 26	14 39	0 49	13 2	1 38	31 17	7 28	23 35	23 29	23 46			n.a.
S 25	22 24	23 15	0 11	17 59	0 15	9 29	0 24	8 28	1 37	19 16	1 33	6 26	2 26	14 40	0 49	13 2	1 38	31 17	7 28	23 35	23 29	23 47			n.a.
M26	22 16	24 43	0n53	17 27	0 7	9 1	0 29	8 40	1 37	19 18	1 34	6 27	2 27	14 40	0 49	13 1	1 38	31 17	7 28	23 35	23 29	23 48			n.a.
T 27	22 6	25 3	1 56	16 54	0s 1	8 32	0 34	8 53	1 36	19 21	1 34	6 28	2 27	14 41	0 49	13 0	1 38	31 17	7 28	23 35	23 28	23 50			n.a.
W28	21 57	24 14	2 54	16 21	0 9	8 3	0 39	9 5	1 36	19 23	1 34	6 28	2 27	14 42	0 49	13 0	1 38	31 17	7 28	23 35	23 28	23 51			n.a.
T 29	21 47	22 16	3 44	15 48	0 17	7 34	0 45	9 18	1 35	19 25	1 34	6 29	2 27	14 43	0 49	12 59	1 38	31 17	7 28	23 34	23 28	23 52			n.a.
F 30	21 37	19 16	4 25	15 14	0 25	7 4	0 50	9 30	1 35	19 27	1 34	6 30	2 28	14 43	0 49	12 58	1 38	31 17	7 28	23 34	23 28	23 53			n.a.
S 31	21n26	15n21	4n54	14n41	0s34	6n35	0s56	9n42	1s34	19s30	1s35	6n30	2s28	14s44	0s49	12n57	1n38	31s17	7s28	23n34	23n27	23n55			n.a.

Julian Day Number = 1289878.5, Delta T = 08h00m13s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°23'01, Lahiri = -20°16'00 Julian Calendar 1 July 1182 BCE == Greg. Calendar 20 June 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

AUGUST 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 29	26♋13'05	15♍ 6	20♌49	12♍22	29♈10	10°R 5	22♈14	23°R19	0♍40	1°R19	21°R29	20♊ 1	23♊ 6	n.a.	S 1
M 2	19 56 26	27°11'29	28° 1	22° 7	13°24	29°42	9♒58	22°16	23♒17	0°42	1♑18	21♊24	19°57	23°13	n.a.	M 2
T 3	20 0 22	28° 9'54	11♎12	23°24	14°26	0♉13	9°50	22°17	23°15	0°44	1°17	21°21	19°54	23°20	n.a.	T 3
W 4	20 4 19	29° 8'20	24°39	24°38	15°28	0°44	9°42	22°19	23°13	0°46	1°16	21°D20	19°51	23°26	n.a.	W 4
T 5	20 8 15	0♌ 6'49	8♏25	25°52	16°30	1°15	9°34	22°20	23°11	0°48	1°15	21°20	19°48	23°33	n.a.	T 5
F 6	20 12 12	1° 5'19	22°29	27° 3	17°31	1°45	9°27	22°21	23° 8	0°50	1°14	21°21	19°45	23°40	n.a.	F 6
S 7	20 16 8	2° 3'51	6♐52	28°12	18°32	2°16	9°19	22°22	23° 6	0°52	1°12	21°23	19°41	23°46	n.a.	S 7
S 8	20 20 5	3° 2'25	21°30	29°19	19°33	2°46	9°11	22°23	23° 4	0°54	1°11	21°R23	19°38	23°53	n.a.	S 8
M 9	20 24 2	4° 1'01	6♑20	0♍24	20°34	3°15	9° 3	22°24	23° 2	0°56	1°10	21°22	19°35	24° 0	n.a.	M 9
T 10	20 27 58	4°59'39	21°14	1°27	21°34	3°45	8°55	22°25	22°59	0°58	1° 9	21°19	19°32	24° 6	n.a.	T 10
W11	20 31 55	5°58'19	6♒ 6	2°28	22°33	4°14	8°47	22°26	22°57	1° 0	1° 8	21°15	19°29	24°13	n.a.	W11
T 12	20 35 51	6°57'01	20°47	3°26	23°33	4°43	8°39	22°26	22°55	1° 2	1° 7	21° 8	19°26	24°19	n.a.	T 12
F 13	20 39 48	7°55'44	5♓10	4°21	24°32	5°12	8°31	22°27	22°53	1° 4	1° 6	21° 1	19°22	24°26	n.a.	F 13
S 14	20 43 44	8°54'31	19° 8	5°13	25°30	5°40	8°23	22°27	22°50	1° 6	1° 5	20°53	19°19	24°33	n.a.	S 14
S 15	20 47 41	9°53'19	2♈40	6° 2	26°28	6° 8	8°15	22°28	22°48	1° 8	1° 4	20°47	19°16	24°39	n.a.	S 15
M16	20 51 37	10°52'10	15°45	6°47	27°26	6°35	8° 7	22°28	22°46	1°10	1° 3	20°42	19°13	24°46	n.a.	M16
T 17	20 55 34	11°51'03	28°25	7°29	28°23	7° 3	7°59	22°R28	22°43	1°12	1° 2	20°39	19°10	24°53	n.a.	T 17
W18	20 59 31	12°49'59	10♉45	8° 7	29°20	7°30	7°51	22°28	22°41	1°14	1° 1	20°D38	19° 6	24°59	n.a.	W18
T 19	21 3 27	13°48'57	22°49	8°40	0♎17	7°56	7°43	22°27	22°38	1°17	1° 0	20°38	19° 3	25° 6	n.a.	T 19
F 20	21 7 24	14°47'58	4♊41	9° 9	1°13	8°23	7°35	22°27	22°36	1°19	0°59	20°39	19° 0	25°13	n.a.	F 20
S 21	21 11 20	15°47'01	16°29	9°32	2° 8	8°48	7°27	22°27	22°34	1°21	0°58	20°R40	18°57	25°19	n.a.	S 21
S 22	21 15 17	16°46'06	28°16	9°50	3° 3	9°14	7°19	22°26	22°31	1°23	0°58	20°40	18°54	25°26	n.a.	S 22
M23	21 19 13	17°45'14	10♋ 7	10° 2	3°57	9°39	7°12	22°26	22°29	1°25	0°57	20°38	18°51	25°33	n.a.	M23
T 24	21 23 10	18°44'24	22° 6	10°R 8	4°51	10° 4	7° 4	22°25	22°26	1°27	0°56	20°33	18°47	25°39	n.a.	T 24
W25	21 27 6	19°43'37	4♌15	10° 7	5°45	10°28	6°56	22°24	22°24	1°30	0°55	20°26	18°44	25°46	n.a.	W25
T 26	21 31 3	20°42'51	16°37	9°59	6°37	10°52	6°49	22°23	22°22	1°32	0°54	20°17	18°41	25°53	n.a.	T 26
F 27	21 34 59	21°42'08	29°11	9°43	7°29	11°16	6°41	22°22	22°19	1°34	0°53	20° 6	18°38	25°59	n.a.	F 27
S 28	21 38 56	22°41'27	11♍59	9°19	8°21	11°39	6°34	22°21	22°17	1°36	0°53	19°54	18°35	26° 6	n.a.	S 28
S 29	21 42 53	23°40'48	25° 0	8°48	9°12	12° 1	6°27	22°20	22°14	1°39	0°52	19°44	18°32	26°12	n.a.	S 29
M30	21 46 49	24°40'12	8♎12	8° 8	10° 2	12°24	6°19	22°18	22°12	1°41	0°51	19°34	18°28	26°19	n.a.	M30
T 31	21 50 46	25♌39'37	21♎36	7♍21	10♎51	12♉46	6♒12	22♈17	22♒10	1♍43	0♑51	19♊27	18♊25	26♊26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n15	10n42	5n10	14n 7	0s42	6n 6	1s 1	9n54	1s34	19s32	1s35	6n31	2s28	14s45	0s49	12n57	1n38	31s17	7s28	23n33	23n27	23n56			n.a.
M 2	21 4	5 31	5 9	13 34	0 51	5 36	1 7	10 6	1 33	19 34	1 35	6 31	2 28	14 45	0 49	12 56	1 38	31 17	7 28	23 33	23 27	23 57			n.a.
T 3	20 52	0s 1	4 53	13 0	1 0	5 6	1 13	10 17	1 33	19 36	1 35	6 31	2 29	14 46	0 49	12 55	1 38	31 17	7 28	23 33	23 27	23 58			n.a.
W 4	20 40	5 40	4 21	12 27	1 9	4 37	1 19	10 29	1 32	19 39	1 35	6 32	2 29	14 47	0 49	12 55	1 38	31 17	7 28	23 33	23 26	24 0			n.a.
T 5	20 28	11 12	3 32	11 54	1 17	4 7	1 24	10 40	1 32	19 41	1 35	6 32	2 29	14 48	0 49	12 54	1 38	31 17	7 28	23 33	23 26	24 1			n.a.
F 6	20 15	16 16	2 31	11 21	1 26	3 38	1 30	10 52	1 31	19 43	1 36	6 32	2 29	14 48	0 49	12 53	1 38	31 17	7 28	23 33	23 26	24 2			n.a.
S 7	20 2	20 32	1 18	10 49	1 35	3 8	1 36	11 3	1 30	19 45	1 36	6 32	2 30	14 49	0 49	12 52	1 38	31 17	7 28	23 33	23 26	24 3			n.a.
S 8	19 48	23 34	0s 1	10 17	1 44	2 38	1 42	11 14	1 30	19 48	1 36	6 33	2 30	14 50	0 49	12 52	1 38	31 17	7 28	23 33	23 25	24 4			n.a.
M 9	19 34	25 1	1 20	9 45	1 53	2 9	1 48	11 25	1 29	19 50	1 36	6 33	2 30	14 51	0 49	12 51	1 38	31 17	7 27	23 33	23 25	24 6			n.a.
T 10	19 20	24 40	2 35	9 15	2 1	1 39	1 55	11 35	1 28	19 52	1 36	6 33	2 30	14 51	0 49	12 50	1 38	31 17	7 27	23 33	23 25	24 7			n.a.
W11	19 5	22 34	3 38	8 45	2 10	1 9	2 1	11 46	1 28	19 54	1 36	6 33	2 31	14 52	0 49	12 49	1 38	31 17	7 27	23 32	23 25	24 8			n.a.
T 12	18 50	19 0	4 26	8 16	2 19	0 40	2 7	11 56	1 27	19 57	1 36	6 33	2 31	14 53	0 49	12 49	1 38	31 17	7 27	23 32	23 24	24 9			n.a.
F 13	18 35	14 21	4 56	7 48	2 27	0 10	2 13	12 7	1 26	19 59	1 36	6 33	2 31	14 54	0 49	12 48	1 38	31 17	7 27	23 32	23 24	24 10			n.a.
S 14	18 20	9 4	5 8	7 21	2 35	0s19	2 20	12 17	1 26	20 1	1 36	6 33	2 31	14 54	0 49	12 47	1 38	31 17	7 27	23 31	23 24	24 11			n.a.
S 15	18 4	3 31	5 2	6 55	2 43	0 48	2 26	12 27	1 25	20 3	1 37	6 33	2 31	14 55	0 49	12 46	1 38	31 17	7 27	23 31	23 24	24 13			n.a.
M16	17 48	2n 1	4 39	6 31	2 51	1 17	2 32	12 37	1 24	20 5	1 37	6 32	2 32	14 56	0 49	12 46	1 38	31 17	7 27	23 30	23 23	24 14			n.a.
T 17	17 31	7 18	4 4	6 8	2 59	1 46	2 39	12 47	1 23	20 8	1 37	6 32	2 32	14 57	0 49	12 45	1 38	31 17	7 27	23 30	23 23	24 15			n.a.
W18	17 14	12 10	3 18	5 48	3 6	2 15	2 45	12 56	1 23	20 10	1 37	6 32	2 32	14 58	0 50	12 44	1 38	31 17	7 27	23 30	23 23	24 16			n.a.
T 19	16 57	16 27	2 24	5 29	3 13	2 44	2 52	13 6	1 22	20 12	1 37	6 32	2 32	14 58	0 50	12 43	1 38	31 17	7 27	23 30	23 23	24 17			n.a.
F 20	16 40	20 2	1 25	5 12	3 19	3 13	2 58	13 15	1 21	20 14	1 37	6 31	2 33	14 59	0 50	12 42	1 38	31 17	7 27	23 30	23 22	24 18			n.a.
S 21	16 22	22 46	0 23	4 58	3 25	3 41	3 5	13 24	1 20	20 16	1 37	6 31	2 33	15 0	0 50	12 42	1 38	31 17	7 27	23 30	23 22	24 19			n.a.
S 22	16 4	24 30	0n41	4 46	3 30	4 9	3 11	13 33	1 19	20 18	1 37	6 31	2 33	15 1	0 50	12 41	1 38	31 17	7 27	23 30	23 22	24 21			n.a.
M23	15 46	25 9	1 42	4 38	3 34	4 37	3 18	13 42	1 19	20 20	1 37	6 30	2 33	15 2	0 50	12 40	1 38	31 16	7 27	23 30	23 21	24 22			n.a.
T 24	15 27	24 37	2 40	4 33	3 38	5 5	3 25	13 51	1 18	20 22	1 37	6 30	2 34	15 2	0 50	12 39	1 38	31 16	7 26	23 30	23 21	24 23			n.a.
W25	15 9	22 56	3 31	4 31	3 40	5 32	3 31	14 0	1 17	20 24	1 37	6 29	2 34	15 3	0 50	12 38	1 38	31 16	7 26	23 29	23 21	24 24			n.a.
T 26	14 50	20 8	4 13	4 33	3 41	6 0	3 38	14 8	1 16	20 26	1 37	6 29	2 34	15 4	0 50	12 38	1 38	31 16	7 26	23 28	23 21	24 25			n.a.
F 27	14 30	16 22	4 44	4 39	3 41	6 27	3 44	14 16	1 15	20 28	1 37	6 28	2 34	15 5	0 50	12 37	1 38	31 16	7 26	23 28	23 20	24 26			n.a.
S 28	14 11	11 47	5 0	4 49	3 40	6 53	3 51	14 24	1 14	20 30	1 37	6 27	2 34	15 6	0 50	12 36	1 38	31 16	7 26	23 27	23 20	24 27			n.a.
S 29	13 51	6 37	5 2	5 3	3 37	7 20	3 58	14 32	1 13	20 32	1 37	6 27	2 35	15 6	0 50	12 35	1 38	31 16	7 26	23 26	23 20	24 28			n.a.
M30	13 31	1 5	4 48	5 23	3 33	7 46	4 4	14 40	1 12	20 34	1 37	6 26	2 35	15 7	0 50	12 34	1 38	31 16	7 26	23 25	23 20	24 29			n.a.
T 31	13n11	4s35	4n17	5n46	3s26	8s12	4s11	14n48	1s11	20s35	1s37	6n25	2s35	15s 8	0s50	12n34	1n38	31s16	7s26	23n25	23n19	24n30			n.a.

Julian Day Number = 1289909.5, Delta T = 08h00m11s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'56, Lahiri = -20°15'56 Julian Calendar 1 Aug. 1182 BCE == Greg. Calendar 21 July 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

SEPTEMBER 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 54 42	26♌39'04	5♏11	6°R27	11♎40	13♉ 7	6°R 5	22°R15	22°R 7	1♍45	0°R50	19°R23	18♊22	26♊32	n.a.	W 1
T 2	21 58 39	27°38'33	18°57	5♍26	12°27	13°28	5♒58	22♈13	22♒ 5	1°47	0♑49	19♊21	18°19	26°39	n.a.	T 2
F 3	22 2 35	28°38'04	2♐53	4°20	13°14	13°48	5°51	22°11	22° 2	1°50	0°49	19°D21	18°16	26°46	n.a.	F 3
S 4	22 6 32	29°37'36	17° 1	3°10	14° 0	14° 8	5°45	22° 9	22° 0	1°52	0°48	19°R21	18°12	26°52	n.a.	S 4
S 5	22 10 28	0♍37'11	1♑19	1°58	14°46	14°27	5°38	22° 7	21°58	1°54	0°48	19°21	18° 9	26°59	n.a.	S 5
M 6	22 14 25	1°36'48	15°45	0°45	15°30	14°46	5°32	22° 5	21°55	1°56	0°47	19°18	18° 6	27° 6	n.a.	M 6
T 7	22 18 22	2°36'26	0♒15	29♌35	16°13	15° 5	5°25	22° 3	21°53	1°59	0°47	19°13	18° 3	27°12	n.a.	T 7
W 8	22 22 18	3°36'07	14°45	28°28	16°56	15°23	5°19	22° 1	21°50	2° 1	0°46	19° 5	18° 0	27°19	n.a.	W 8
T 9	22 26 15	4°35'49	29° 8	27°27	17°37	15°40	5°13	21°58	21°48	2° 3	0°46	18°55	17°57	27°26	n.a.	T 9
F 10	22 30 11	5°35'33	13♓17	26°33	18°17	15°57	5° 7	21°56	21°46	2° 5	0°45	18°43	17°53	27°32	n.a.	F 10
S 11	22 34 8	6°35'20	27° 8	25°49	18°56	16°13	5° 2	21°53	21°43	2° 8	0°45	18°31	17°50	27°39	n.a.	S 11
S 12	22 38 4	7°35'09	10♈36	25°15	19°34	16°29	4°56	21°50	21°41	2°10	0°45	18°20	17°47	27°46	n.a.	S 12
M13	22 42 1	8°35'00	23°40	24°51	20°10	16°44	4°51	21°47	21°39	2°12	0°44	18°11	17°44	27°52	n.a.	M13
T 14	22 45 57	9°34'53	6♉21	24°39	20°46	16°59	4°45	21°45	21°37	2°14	0°44	18° 5	17°41	27°59	n.a.	T 14
W15	22 49 54	10°34'49	18°42	24°D39	21°20	17°13	4°40	21°41	21°34	2°16	0°44	18° 1	17°38	28° 5	n.a.	W15
T 16	22 53 50	11°34'47	0♊47	24°49	21°52	17°26	4°35	21°38	21°32	2°19	0°43	17°59	17°34	28°12	n.a.	T 16
F 17	22 57 47	12°34'47	12°41	25°10	22°24	17°38	4°30	21°35	21°30	2°21	0°43	17°59	17°31	28°19	n.a.	F 17
S 18	23 1 44	13°34'50	24°29	25°40	22°53	17°51	4°26	21°32	21°28	2°23	0°43	17°59	17°28	28°25	n.a.	S 18
S 19	23 5 40	14°34'55	6♋17	26°20	23°21	18° 2	4°21	21°28	21°25	2°25	0°43	17°58	17°25	28°32	n.a.	S 19
M20	23 9 37	15°35'02	18°10	27° 9	23°48	18°13	4°17	21°25	21°23	2°28	0°42	17°55	17°22	28°39	n.a.	M20
T 21	23 13 33	16°35'12	0♌14	28° 4	24°13	18°23	4°13	21°21	21°21	2°30	0°42	17°49	17°18	28°45	n.a.	T 21
W22	23 17 30	17°35'23	12°31	29° 6	24°36	18°32	4° 9	21°18	21°19	2°32	0°42	17°41	17°15	28°52	n.a.	W22
T 23	23 21 26	18°35'37	25° 5	0♍14	24°58	18°41	4° 6	21°14	21°17	2°34	0°42	17°30	17°12	28°59	n.a.	T 23
F 24	23 25 23	19°35'53	7♍56	1°27	25°17	18°48	4° 2	21°10	21°15	2°36	0°42	17°17	17° 9	29° 5	n.a.	F 24
S 25	23 29 19	20°36'11	21° 5	2°44	25°35	18°56	3°59	21° 6	21°13	2°38	0°D42	17° 4	17° 6	29°12	n.a.	S 25
S 26	23 33 16	21°36'30	4♎29	4° 5	25°51	19° 2	3°56	21° 3	21°11	2°41	0°42	16°51	17° 3	29°19	n.a.	S 26
M27	23 37 12	22°36'52	18° 6	5°29	26° 4	19° 8	3°53	20°58	21° 9	2°43	0°42	16°39	16°59	29°25	n.a.	M27
T 28	23 41 9	23°37'15	1♏54	6°56	26°16	19°12	3°50	20°54	21° 7	2°45	0°42	16°31	16°56	29°32	n.a.	T 28
W29	23 45 6	24°37'40	15°48	8°25	26°25	19°16	3°47	20°50	21° 5	2°47	0°42	16°25	16°53	29°39	n.a.	W29
T 30	23 49 2	25♍38'06	29♏47	9♍55	26♎32	19♉20	3♒45	20♈46	21♒ 3	2♍49	0♑42	16♊22	16♊50	29♊45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n50	10s 8	3n32	6n14	3s18	8s37	4s17	14n55	1s10	20s37	1s37	6n24	2s35	15s 9	0s50	12n33	1n38	31s16	7s26	23n24	23n19	24n31		n.a.
T 2	12 29	15 16	2 34	6 47	3 7	9 2	4 24	15 3	1 9	20 39	1 37	6 23	2 36	15 10	0 50	12 32	1 38	31 16	7 26	23 24	23 19	24 32		n.a.
F 3	12 9	19 40	1 26	7 23	2 55	9 27	4 30	15 10	1 8	20 41	1 36	6 23	2 36	15 10	0 50	12 31	1 38	31 16	7 26	23 24	23 18	24 33		n.a.
S 4	11 47	22 59	0 12	8 1	2 40	9 51	4 37	15 17	1 7	20 42	1 36	6 22	2 36	15 11	0 50	12 30	1 38	31 15	7 25	23 24	23 18	24 35		n.a.
S 5	11 26	24 53	1s 3	8 43	2 24	10 15	4 43	15 24	1 6	20 44	1 36	6 21	2 36	15 12	0 50	12 29	1 38	31 15	7 25	23 24	23 18	24 36		n.a.
M 6	11 5	25 8	2 15	9 25	2 6	10 38	4 50	15 31	1 4	20 45	1 36	6 20	2 36	15 13	0 50	12 29	1 38	31 15	7 25	23 24	23 18	24 37		n.a.
T 7	10 43	23 40	3 19	10 8	1 47	11 1	4 56	15 37	1 3	20 47	1 36	6 19	2 37	15 14	0 50	12 28	1 38	31 15	7 25	23 23	23 17	24 38		n.a.
W 8	10 21	20 39	4 9	10 50	1 28	11 23	5 2	15 44	1 2	20 48	1 36	6 18	2 37	15 14	0 49	12 27	1 38	31 15	7 25	23 23	23 17	24 39		n.a.
T 9	9 59	16 23	4 44	11 31	1 7	11 45	5 8	15 50	1 1	20 50	1 36	6 16	2 37	15 15	0 49	12 26	1 38	31 15	7 25	23 22	23 17	24 40		n.a.
F 10	9 37	11 16	5 0	12 8	0 47	12 6	5 14	15 56	1 0	20 51	1 36	6 15	2 37	15 16	0 49	12 25	1 38	31 15	7 25	23 21	23 16	24 41		n.a.
S 11	9 14	5 42	4 58	12 42	0 27	12 27	5 20	16 2	0 58	20 52	1 36	6 14	2 37	15 17	0 49	12 25	1 38	31 15	7 25	23 20	23 16	24 42		n.a.
S 12	8 52	0 0	4 39	13 12	0 7	12 47	5 26	16 8	0 57	20 54	1 36	6 13	2 38	15 17	0 49	12 24	1 38	31 15	7 25	23 19	23 16	24 43		n.a.
M13	8 29	5n32	4 6	13 38	0n11	13 7	5 32	16 14	0 56	20 55	1 35	6 12	2 38	15 18	0 49	12 23	1 38	31 14	7 24	23 18	23 16	24 44		n.a.
T 14	8 6	10 42	3 21	13 58	0 28	13 26	5 38	16 19	0 54	20 56	1 35	6 10	2 38	15 19	0 49	12 22	1 38	31 14	7 24	23 17	23 15	24 45		n.a.
W15	7 43	15 18	2 29	14 13	0 44	13 44	5 43	16 24	0 53	20 57	1 35	6 9	2 38	15 20	0 49	12 21	1 38	31 14	7 24	23 17	23 15	24 46		n.a.
T 16	7 20	19 11	1 30	14 23	0 59	14 2	5 48	16 30	0 51	20 58	1 35	6 8	2 38	15 20	0 49	12 21	1 38	31 14	7 24	23 17	23 15	24 46		n.a.
F 17	6 57	22 14	0 28	14 28	1 12	14 18	5 54	16 35	0 50	20 59	1 35	6 6	2 38	15 21	0 49	12 20	1 38	31 14	7 24	23 17	23 14	24 47		n.a.
S 18	6 34	24 17	0n34	14 29	1 23	14 34	5 59	16 39	0 49	21 0	1 35	6 5	2 38	15 22	0 49	12 19	1 38	31 14	7 24	23 17	23 14	24 48		n.a.
S 19	6 10	25 16	1 35	14 24	1 33	14 50	6 4	16 44	0 47	21 1	1 35	6 4	2 39	15 22	0 49	12 18	1 38	31 14	7 24	23 17	23 14	24 49		n.a.
M20	5 46	25 6	2 33	14 15	1 42	15 4	6 8	16 49	0 46	21 2	1 34	6 2	2 39	15 23	0 49	12 17	1 38	31 14	7 24	23 17	23 13	24 50		n.a.
T 21	5 23	23 45	3 24	14 3	1 49	15 18	6 13	16 53	0 44	21 3	1 34	6 1	2 39	15 24	0 49	12 17	1 38	31 13	7 23	23 16	23 13	24 51		n.a.
W22	4 59	21 15	4 6	13 46	1 55	15 30	6 17	16 57	0 42	21 4	1 34	5 59	2 39	15 24	0 49	12 16	1 38	31 13	7 23	23 15	23 13	24 52		n.a.
T 23	4 35	17 43	4 38	13 26	1 59	15 42	6 21	17 1	0 41	21 4	1 34	5 58	2 39	15 25	0 49	12 15	1 38	31 13	7 23	23 14	23 13	24 53		n.a.
F 24	4 11	13 18	4 56	13 2	2 3	15 53	6 25	17 5	0 39	21 5	1 34	5 56	2 39	15 26	0 49	12 14	1 38	31 13	7 23	23 13	23 12	24 54		n.a.
S 25	3 47	8 10	4 59	12 36	2 5	16 3	6 28	17 8	0 37	21 6	1 34	5 55	2 39	15 26	0 49	12 14	1 38	31 13	7 23	23 12	23 12	24 55		n.a.
S 26	3 23	2 33	4 46	12 8	2 6	16 12	6 31	17 12	0 36	21 6	1 33	5 53	2 40	15 27	0 49	12 13	1 38	31 13	7 23	23 10	23 12	24 56		n.a.
M27	2 59	3s16	4 17	11 37	2 7	16 19	6 34	17 15	0 34	21 7	1 33	5 51	2 40	15 28	0 49	12 12	1 38	31 13	7 23	23 9	23 11	24 57		n.a.
T 28	2 34	9 1	3 32	11 4	2 7	16 26	6 37	17 18	0 32	21 7	1 33	5 50	2 40	15 28	0 49	12 11	1 38	31 12	7 22	23 8	23 11	24 58		n.a.
W29	2 10	14 23	2 34	10 29	2 5	16 32	6 39	17 21	0 30	21 8	1 33	5 48	2 40	15 29	0 49	12 11	1 38	31 12	7 22	23 8	23 11	24 58		n.a.
T 30	1n46	19s 2	1n27	9n53	2n 4	16s36	6s40	17n24	0s28	21s 8	1s33	5n46	2s40	15s29	0s49	12n10	1n38	31s12	7s22	23n 8	23n10	24n59		n.a.

Julian Day Number = 1289940.5, Delta T = 08h00m10s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'52, Lahiri = -20°15'52 Julian Calendar 1 Sept. 1182 BCE == Greg. Calendar 21 Aug. 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

OCTOBER 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 52 59	26♍38'34	13♐49	11♍27	26♎37	19♉22	3°R43	20°R42	21°R 1	2♍51	0♏42	16°D22	16♊47	29♊52	n.a.	F 1
S 2	23 56 55	27°39'04	27°53	13° 0	26°40	19°24	3♒41	20♈37	21♒ 0	2°53	0°43	16°R22	16°43	29°58	n.a.	S 2
S 3	0 0 52	28°39'35	11♏59	14°34	26°R40	19°25	3°39	20°33	20°58	2°55	0°43	16♊21	16°40	0♋ 5	n.a.	S 3
M 4	0 4 48	29°40'07	26° 5	16° 9	26°37	19°R25	3°38	20°29	20°56	2°57	0°43	16°19	16°37	0°12	n.a.	M 4
T 5	0 8 45	0♎40'41	10♒11	17°44	26°33	19°24	3°37	20°24	20°54	2°59	0°43	16°14	16°34	0°18	n.a.	T 5
W 6	0 12 41	1°41'16	24°14	19°20	26°25	19°22	3°36	20°20	20°53	3° 1	0°44	16° 6	16°31	0°25	n.a.	W 6
T 7	0 16 38	2°41'53	8♓10	20°56	26°16	19°20	3°35	20°15	20°51	3° 3	0°44	15°56	16°28	0°32	n.a.	T 7
F 8	0 20 35	3°42'31	21°55	22°32	26° 3	19°17	3°34	20°10	20°49	3° 5	0°44	15°44	16°24	0°38	n.a.	F 8
S 9	0 24 31	4°43'10	5♈26	24° 8	25°49	19°13	3°34	20° 6	20°48	3° 7	0°45	15°32	16°21	0°45	n.a.	S 9
S 10	0 28 28	5°43'51	18°40	25°44	25°32	19° 8	3°33	20° 1	20°46	3° 9	0°45	15°20	16°18	0°52	n.a.	S 10
M11	0 32 24	6°44'34	1♉35	27°20	25°13	19° 2	3°D33	19°56	20°45	3°11	0°45	15°11	16°15	0°58	n.a.	M11
T 12	0 36 21	7°45'19	14°10	28°57	24°51	18°55	3°33	19°51	20°43	3°13	0°46	15° 4	16°12	1° 5	n.a.	T 12
W13	0 40 17	8°46'05	26°29	0♎33	24°27	18°47	3°34	19°46	20°42	3°15	0°46	15° 0	16° 9	1°12	n.a.	W13
T 14	0 44 14	9°46'53	8♊33	2° 9	24° 1	18°39	3°34	19°42	20°41	3°17	0°47	14°58	16° 5	1°18	n.a.	T 14
F 15	0 48 10	10°47'42	20°27	3°45	23°34	18°30	3°35	19°37	20°39	3°19	0°47	14°D58	16° 2	1°25	n.a.	F 15
S 16	0 52 7	11°48'33	2♋15	5°20	23° 4	18°19	3°36	19°32	20°38	3°21	0°48	14°58	15°59	1°32	n.a.	S 16
S 17	0 56 4	12°49'26	14° 4	6°56	22°33	18° 8	3°37	19°27	20°37	3°23	0°49	14°R59	15°56	1°38	n.a.	S 17
M18	1 0 0	13°50'21	25°57	8°31	22° 0	17°57	3°39	19°22	20°36	3°24	0°49	14°58	15°53	1°45	n.a.	M18
T 19	1 3 57	14°51'17	8♌ 2	10° 7	21°27	17°44	3°40	19°17	20°35	3°26	0°50	14°55	15°49	1°52	n.a.	T 19
W20	1 7 53	15°52'14	20°22	11°42	20°52	17°30	3°42	19°12	20°33	3°28	0°50	14°50	15°46	1°58	n.a.	W20
T 21	1 11 50	16°53'13	3♍ 1	13°17	20°16	17°16	3°44	19° 7	20°32	3°30	0°51	14°42	15°43	2° 5	n.a.	T 21
F 22	1 15 46	17°54'13	16° 3	14°52	19°40	17° 1	3°46	19° 2	20°31	3°32	0°52	14°33	15°40	2°11	n.a.	F 22
S 23	1 19 43	18°55'15	29°26	16°26	19° 4	16°45	3°48	18°57	20°30	3°33	0°53	14°23	15°37	2°18	n.a.	S 23
S 24	1 23 39	19°56'18	13♎10	18° 1	18°28	16°28	3°51	18°52	20°30	3°35	0°53	14°13	15°34	2°25	n.a.	S 24
M25	1 27 36	20°57'22	27°12	19°36	17°52	16°11	3°54	18°47	20°29	3°37	0°54	14° 4	15°30	2°31	n.a.	M25
T 26	1 31 33	21°58'27	11♏26	21°10	17°16	15°53	3°57	18°42	20°28	3°38	0°55	13°58	15°27	2°38	n.a.	T 26
W27	1 35 29	22°59'33	25°47	22°45	16°41	15°34	4° 0	18°37	20°27	3°40	0°56	13°54	15°24	2°45	n.a.	W27
T 28	1 39 26	24° 0'40	10♐11	24°19	16° 7	15°15	4° 3	18°32	20°26	3°41	0°57	13°D52	15°21	2°51	n.a.	T 28
F 29	1 43 22	25° 1'47	24°32	25°53	15°35	14°55	4° 7	18°27	20°26	3°43	0°58	13°53	15°18	2°58	n.a.	F 29
S 30	1 47 19	26° 2'56	8♑48	27°28	15° 3	14°34	4°11	18°22	20°25	3°45	0°59	13°54	15°15	3° 5	n.a.	S 30
S 31	1 51 15	27♎ 4'05	22♑57	29♎ 2	14♎33	14♉13	4♒15	18♈17	20♒25	3♍46	0♏59	13°R55	15♊11	3♋11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n21	22s37	0n14	9n15	2n 1	16s39	6s42	17n26	0s27	21s 8	1s32	5n45	2s40	15s30	0s49	12n 9	1n38	31s12	7s22	23n 7	23n10	25n 0		n.a.
S 2	0 57	24 50	1s 1	8 36	1 58	16 40	6 42	17 28	0 25	21 9	1 32	5 43	2 40	15 31	0 49	12 8	1 38	31 12	7 22	23 7	23 10	25 1		n.a.
S 3	0 32	25 28	2 11	7 56	1 55	16 41	6 43	17 31	0 23	21 9	1 32	5 41	2 40	15 31	0 49	12 8	1 38	31 12	7 22	23 7	23 9	25 2		n.a.
M 4	0 8	24 27	3 14	7 15	1 51	16 40	6 43	17 32	0 21	21 9	1 32	5 39	2 40	15 32	0 49	12 7	1 38	31 12	7 22	23 7	23 9	25 3		n.a.
T 5	0s16	21 54	4 5	6 34	1 47	16 37	6 42	17 34	0 19	21 9	1 32	5 38	2 40	15 32	0 49	12 6	1 38	31 12	7 22	23 7	23 9	25 4		n.a.
W 6	0 41	18 3	4 40	5 51	1 42	16 33	6 41	17 36	0 17	21 9	1 31	5 36	2 40	15 33	0 49	12 5	1 38	31 11	7 21	23 6	23 8	25 4		n.a.
T 7	1 5	13 15	4 59	5 9	1 38	16 28	6 39	17 37	0 14	21 9	1 31	5 34	2 41	15 33	0 49	12 5	1 39	31 11	7 21	23 5	23 8	25 5		n.a.
F 8	1 30	7 50	5 0	4 25	1 32	16 21	6 36	17 38	0 12	21 9	1 31	5 32	2 41	15 34	0 49	12 4	1 39	31 11	7 21	23 3	23 8	25 6		n.a.
S 9	1 54	2 8	4 44	3 42	1 27	16 12	6 33	17 39	0 10	21 9	1 31	5 30	2 41	15 34	0 49	12 3	1 39	31 11	7 21	23 2	23 7	25 7		n.a.
S 10	2 19	3n32	4 13	2 58	1 22	16 2	6 29	17 40	0 8	21 9	1 31	5 29	2 41	15 35	0 49	12 3	1 39	31 11	7 21	23 1	23 7	25 8		n.a.
M11	2 43	8 57	3 29	2 14	1 16	15 51	6 24	17 40	0 6	21 9	1 30	5 27	2 41	15 35	0 49	12 2	1 39	31 11	7 21	23 0	23 7	25 9		n.a.
T 12	3 8	13 52	2 36	1 29	1 10	15 38	6 19	17 41	0 3	21 8	1 30	5 25	2 41	15 36	0 49	12 1	1 39	31 11	7 21	22 59	23 6	25 9		n.a.
W13	3 32	18 7	1 37	0 45	1 4	15 23	6 13	17 41	0 1	21 8	1 30	5 23	2 41	15 36	0 49	12 1	1 39	31 10	7 20	22 59	23 6	25 10		n.a.
T 14	3 56	21 32	0 34	0 1	0 58	15 7	6 6	17 41	0n 1	21 8	1 30	5 21	2 41	15 36	0 49	12 0	1 39	31 10	7 20	22 58	23 6	25 11		n.a.
F 15	4 20	23 58	0n29	0s44	0 51	14 49	5 58	17 40	0 4	21 7	1 29	5 19	2 41	15 37	0 49	11 59	1 39	31 10	7 20	22 58	23 5	25 12		n.a.
S 16	4 45	25 20	1 31	1 28	0 45	14 30	5 50	17 40	0 6	21 7	1 29	5 17	2 41	15 37	0 49	11 59	1 39	31 10	7 20	22 58	23 5	25 13		n.a.
S 17	5 9	25 33	2 29	2 13	0 38	14 10	5 41	17 39	0 8	21 6	1 29	5 16	2 41	15 37	0 49	11 58	1 39	31 10	7 20	22 58	23 5	25 13		n.a.
M18	5 33	24 36	3 21	2 57	0 32	13 48	5 31	17 38	0 11	21 6	1 29	5 14	2 41	15 38	0 49	11 57	1 39	31 10	7 20	22 58	23 4	25 14		n.a.
T 19	5 57	22 30	4 5	3 41	0 25	13 26	5 20	17 37	0 13	21 5	1 28	5 12	2 41	15 38	0 49	11 57	1 39	31 10	7 20	22 58	23 4	25 15		n.a.
W20	6 21	19 19	4 38	4 25	0 19	13 2	5 9	17 35	0 16	21 4	1 28	5 10	2 41	15 39	0 49	11 56	1 39	31 10	7 20	22 57	23 4	25 16		n.a.
T 21	6 44	15 12	4 59	5 8	0 12	12 37	4 57	17 34	0 18	21 4	1 28	5 8	2 41	15 39	0 48	11 55	1 39	31 9	7 19	22 57	23 3	25 16		n.a.
F 22	7 8	10 16	5 5	5 52	0 6	12 12	4 45	17 32	0 21	21 3	1 28	5 6	2 41	15 39	0 48	11 55	1 39	31 9	7 19	22 55	23 3	25 17		n.a.
S 23	7 32	4 44	4 55	6 35	0s 1	11 46	4 32	17 29	0 23	21 2	1 28	5 4	2 41	15 39	0 48	11 54	1 39	31 9	7 19	22 54	23 3	25 18		n.a.
S 24	7 55	1s11	4 28	7 18	0 7	11 19	4 18	17 27	0 26	21 1	1 27	5 2	2 41	15 40	0 48	11 54	1 39	31 9	7 19	22 53	23 2	25 19		n.a.
M25	8 19	7 10	3 44	8 0	0 14	10 52	4 4	17 24	0 28	21 0	1 27	5 1	2 40	15 40	0 48	11 53	1 39	31 9	7 19	22 52	23 2	25 19		n.a.
T 26	8 42	12 53	2 45	8 42	0 20	10 24	3 49	17 22	0 31	21 0	1 27	4 59	2 40	15 40	0 48	11 53	1 39	31 9	7 19	22 51	23 2	25 20		n.a.
W27	9 5	17 58	1 36	9 24	0 27	9 57	3 34	17 19	0 34	20 59	1 27	4 57	2 40	15 40	0 48	11 52	1 39	31 9	7 19	22 51	23 1	25 21		n.a.
T 28	9 28	22 1	0 20	10 5	0 33	9 30	3 19	17 15	0 36	20 57	1 26	4 55	2 40	15 41	0 48	11 51	1 39	31 8	7 19	22 51	23 1	25 21		n.a.
F 29	9 51	24 41	0s57	10 46	0 39	9 3	3 4	17 12	0 39	20 56	1 26	4 53	2 40	15 41	0 48	11 51	1 39	31 8	7 18	22 51	23 1	25 22		n.a.
S 30	10 13	25 42	2 11	11 27	0 45	8 36	2 48	17 8	0 42	20 55	1 26	4 51	2 40	15 41	0 48	11 50	1 40	31 8	7 18	22 51	23 0	25 23		n.a.
S 31	10s36	25s 3	3s15	12s 6	0s51	8s10	2s33	17n 4	0n44	20s54	1s26	4n50	2s40	15s41	0s48	11n50	1n40	31s 8	7s18	22n51	23n 0	25n23		n.a.

Julian Day Number = 1289970.5, Delta T = 08h00m08s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'48, Lahiri = -20°15'48 Julian Calendar 1 Oct. 1182 BCE == Greg. Calendar 20 Sept. 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

NOVEMBER 1182 BCE (-1181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 55 12	28♎ 5'14	6♒57	0♏36	14°R 5	13°R52	4♒19	18°R12	20°R24	3♍48	1♑ 0	13°R55	15♊ 8	3♋18	n.a.	M 1
T 2	1 59 8	29° 6'24	20°48	2°11	13♎39	13♉30	4°23	18♈ 8	20♒24	3°49	1° 1	13♊52	15° 5	3°25	n.a.	T 2
W 3	2 3 5	0♏ 7'34	4♓28	3°45	13°15	13° 8	4°28	18° 3	20°23	3°50	1° 2	13°48	15° 2	3°31	n.a.	W 3
T 4	2 7 2	1° 8'45	17°58	5°20	12°53	12°45	4°33	17°58	20°23	3°52	1° 3	13°42	14°59	3°38	n.a.	T 4
F 5	2 10 58	2° 9'56	1♈17	6°54	12°33	12°22	4°37	17°53	20°23	3°53	1° 5	13°35	14°55	3°45	n.a.	F 5
S 6	2 14 55	3°11'08	14°23	8°29	12°16	11°59	4°43	17°48	20°22	3°55	1° 6	13°27	14°52	3°51	n.a.	S 6
S 7	2 18 51	4°12'20	27°15	10° 4	12° 1	11°35	4°48	17°44	20°22	3°56	1° 7	13°20	14°49	3°58	n.a.	S 7
M 8	2 22 48	5°13'33	9♉53	11°39	11°49	11°11	4°53	17°39	20°22	3°57	1° 8	13°15	14°46	4° 5	n.a.	M 8
T 9	2 26 44	6°14'46	22°17	13°14	11°39	10°48	4°59	17°35	20°22	3°59	1° 9	13°11	14°43	4°11	n.a.	T 9
W10	2 30 41	7°16'00	4♊28	14°49	11°31	10°24	5° 5	17°30	20°22	4° 0	1°10	13° 8	14°40	4°18	n.a.	W10
T 11	2 34 38	8°17'15	16°29	16°24	11°26	10° 0	5°11	17°26	20°D22	4° 1	1°11	13°D 8	14°36	4°25	n.a.	T 11
F 12	2 38 34	9°18'30	28°21	17°59	11°D24	9°36	5°17	17°21	20°22	4° 2	1°13	13° 9	14°33	4°31	n.a.	F 12
S 13	2 42 31	10°19'46	10♋ 9	19°35	11°24	9°12	5°23	17°17	20°22	4° 3	1°14	13°11	14°30	4°38	n.a.	S 13
S 14	2 46 27	11°21'03	21°57	21°10	11°26	8°49	5°30	17°12	20°22	4° 4	1°15	13°13	14°27	4°45	n.a.	S 14
M15	2 50 24	12°22'20	3♌50	22°46	11°31	8°25	5°36	17° 8	20°22	4° 6	1°16	13°14	14°24	4°51	n.a.	M15
T 16	2 54 20	13°23'37	15°53	24°21	11°39	8° 2	5°43	17° 4	20°22	4° 7	1°18	13°R14	14°20	4°58	n.a.	T 16
W17	2 58 17	14°24'55	28°11	25°57	11°48	7°39	5°50	17° 0	20°23	4° 8	1°19	13°13	14°17	5° 4	n.a.	W17
T 18	3 2 13	15°26'13	10♍48	27°32	12° 0	7°16	5°57	16°56	20°23	4° 9	1°20	13°11	14°14	5°11	n.a.	T 18
F 19	3 6 10	16°27'32	23°49	29° 7	12°14	6°54	6° 5	16°52	20°24	4°10	1°22	13° 8	14°11	5°18	n.a.	F 19
S 20	3 10 7	17°28'51	7♎15	0♐42	12°30	6°32	6°12	16°48	20°24	4°11	1°23	13° 4	14° 8	5°24	n.a.	S 20
S 21	3 14 3	18°30'10	21° 6	2°17	12°48	6°10	6°20	16°44	20°24	4°11	1°25	13° 0	14° 5	5°31	n.a.	S 21
M22	3 18 0	19°31'30	5♏21	3°51	13° 9	5°49	6°27	16°40	20°25	4°12	1°26	12°56	14° 1	5°38	n.a.	M22
T 23	3 21 56	20°32'49	19°55	5°25	13°31	5°29	6°35	16°36	20°26	4°13	1°27	12°54	13°58	5°44	n.a.	T 23
W24	3 25 53	21°34'09	4♐42	6°58	13°55	5° 9	6°43	16°33	20°26	4°14	1°29	12°53	13°55	5°51	n.a.	W24
T 25	3 29 49	22°35'29	19°33	8°30	14°20	4°50	6°52	16°29	20°27	4°15	1°30	12°D53	13°52	5°58	n.a.	T 25
F 26	3 33 46	23°36'48	4♑21	10° 1	14°48	4°31	7° 0	16°26	20°28	4°16	1°32	12°54	13°49	6° 4	n.a.	F 26
S 27	3 37 43	24°38'07	19° 1	11°31	15°17	4°13	7° 9	16°22	20°29	4°16	1°33	12°55	13°46	6°11	n.a.	S 27
S 28	3 41 39	25°39'25	3♒26	12°59	15°48	3°55	7°17	16°19	20°30	4°17	1°35	12°56	13°42	6°18	n.a.	S 28
M29	3 45 36	26°40'42	17°34	14°25	16°20	3°39	7°26	16°16	20°30	4°18	1°36	12°57	13°39	6°24	n.a.	M29
T 30	3 49 32	27♏41'59	1♓24	15♐48	16♎54	3♉23	7♒35	16♈13	20♒31	4♍18	1♑38	12°R57	13♊36	6♋31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	10s58	22s49	4s 7	12s46	0s57	7s45	2s17	17n 0	0n47	20s53	1s25	4n48	2s40	15s41	0s48	11n49	1n40	31s 8	7s18	22n51	22n59	25n24		n.a.	M 1
T 2	11 20	19 17	4 45	13 25	1 3	7 20	2 1	16 56	0 49	20 52	1 25	4 46	2 40	15 41	0 48	11 49	1 40	31 8	7 18	22 51	22 59	25 25		n.a.	T 2
W 3	11 42	14 45	5 5	14 3	1 9	6 56	1 46	16 52	0 52	20 50	1 25	4 44	2 40	15 41	0 48	11 48	1 40	31 8	7 18	22 50	22 59	25 25		n.a.	W 3
T 4	12 4	9 33	5 8	14 41	1 14	6 33	1 31	16 47	0 54	20 49	1 25	4 43	2 40	15 41	0 48	11 48	1 40	31 8	7 18	22 49	22 58	25 26		n.a.	T 4
F 5	12 25	3 58	4 55	15 17	1 19	6 12	1 15	16 42	0 57	20 47	1 25	4 41	2 39	15 41	0 48	11 47	1 40	31 8	7 18	22 48	22 58	25 27		n.a.	F 5
S 6	12 47	1n41	4 26	15 54	1 24	5 51	1 0	16 37	1 0	20 46	1 24	4 39	2 39	15 42	0 48	11 47	1 40	31 7	7 18	22 48	22 58	25 27		n.a.	S 6
S 7	13 8	7 11	3 44	16 29	1 29	5 32	0 46	16 32	1 2	20 44	1 24	4 37	2 39	15 42	0 48	11 47	1 40	31 7	7 17	22 47	22 57	25 28		n.a.	S 7
M 8	13 29	12 19	2 51	17 4	1 34	5 14	0 31	16 27	1 5	20 43	1 24	4 36	2 39	15 42	0 48	11 46	1 40	31 7	7 17	22 46	22 57	25 29		n.a.	M 8
T 9	13 49	16 51	1 51	17 38	1 39	4 57	0 17	16 22	1 7	20 41	1 24	4 34	2 39	15 42	0 48	11 46	1 40	31 7	7 17	22 45	22 57	25 29		n.a.	T 9
W10	14 10	20 37	0 47	18 11	1 43	4 41	0 4	16 17	1 9	20 40	1 23	4 33	2 39	15 42	0 48	11 45	1 40	31 7	7 17	22 45	22 56	25 30		n.a.	W10
T 11	14 30	23 26	0n18	18 43	1 47	4 27	0n 9	16 11	1 12	20 38	1 23	4 31	2 38	15 42	0 48	11 45	1 40	31 7	7 17	22 45	22 56	25 30		n.a.	T 11
F 12	14 50	25 12	1 22	19 15	1 51	4 14	0 22	16 6	1 14	20 36	1 23	4 29	2 38	15 41	0 48	11 45	1 40	31 7	7 17	22 45	22 55	25 31		n.a.	F 12
S 13	15 10	25 49	2 23	19 45	1 54	4 3	0 35	16 0	1 16	20 34	1 23	4 28	2 38	15 41	0 48	11 44	1 40	31 7	7 17	22 45	22 55	25 32		n.a.	S 13
S 14	15 29	25 15	3 17	20 14	1 58	3 53	0 47	15 55	1 19	20 33	1 23	4 26	2 38	15 41	0 48	11 44	1 40	31 7	7 17	22 46	22 55	25 32		n.a.	S 14
M15	15 48	23 33	4 3	20 42	2 0	3 44	0 58	15 49	1 21	20 31	1 22	4 25	2 38	15 41	0 48	11 43	1 40	31 7	7 17	22 46	22 54	25 33		n.a.	M15
T 16	16 7	20 46	4 39	21 9	2 3	3 37	1 9	15 44	1 23	20 29	1 22	4 23	2 38	15 41	0 47	11 43	1 40	31 6	7 17	22 46	22 54	25 33		n.a.	T 16
W17	16 26	17 2	5 3	21 35	2 5	3 31	1 20	15 38	1 25	20 27	1 22	4 22	2 37	15 41	0 47	11 43	1 41	31 6	7 17	22 46	22 54	25 34		n.a.	W17
T 18	16 44	12 28	5 14	22 0	2 7	3 26	1 30	15 32	1 27	20 25	1 22	4 21	2 37	15 41	0 47	11 42	1 41	31 6	7 17	22 45	22 53	25 34		n.a.	T 18
F 19	17 2	7 12	5 9	22 23	2 8	3 23	1 40	15 27	1 29	20 23	1 22	4 19	2 37	15 41	0 47	11 42	1 41	31 6	7 16	22 45	22 53	25 35		n.a.	F 19
S 20	17 20	1 28	4 47	22 44	2 9	3 21	1 49	15 21	1 31	20 21	1 21	4 18	2 37	15 40	0 47	11 42	1 41	31 6	7 16	22 45	22 52	25 36		n.a.	S 20
S 21	17 37	4s33	4 8	23 5	2 10	3 20	1 58	15 16	1 33	20 19	1 21	4 17	2 37	15 40	0 47	11 42	1 41	31 6	7 16	22 44	22 52	25 36		n.a.	S 21
M22	17 54	10 30	3 12	23 23	2 9	3 20	2 7	15 10	1 35	20 16	1 21	4 15	2 36	15 40	0 47	11 41	1 41	31 6	7 16	22 44	22 52	25 37		n.a.	M22
T 23	18 11	16 2	2 3	23 40	2 9	3 21	2 15	15 5	1 37	20 14	1 21	4 14	2 36	15 40	0 47	11 41	1 41	31 6	7 16	22 43	22 51	25 37		n.a.	T 23
W24	18 27	20 41	0 45	23 56	2 8	3 23	2 23	15 0	1 39	20 12	1 21	4 13	2 36	15 40	0 47	11 41	1 41	31 6	7 16	22 43	22 51	25 38		n.a.	W24
T 25	18 43	24 2	0s37	24 9	2 6	3 27	2 30	14 55	1 40	20 10	1 20	4 12	2 36	15 39	0 47	11 41	1 41	31 6	7 16	22 43	22 51	25 38		n.a.	T 25
F 26	18 59	25 42	1 56	24 21	2 3	3 31	2 37	14 50	1 42	20 7	1 20	4 11	2 35	15 39	0 47	11 40	1 41	31 6	7 16	22 43	22 50	25 39		n.a.	F 26
S 27	19 14	25 33	3 7	24 31	2 0	3 36	2 43	14 45	1 43	20 5	1 20	4 10	2 35	15 39	0 47	11 40	1 41	31 5	7 16	22 43	22 50	25 39		n.a.	S 27
S 28	19 29	23 40	4 5	24 39	1 56	3 43	2 50	14 40	1 45	20 2	1 20	4 9	2 35	15 38	0 47	11 40	1 41	31 5	7 16	22 44	22 49	25 40		n.a.	S 28
M29	19 44	20 21	4 46	24 45	1 51	3 50	2 55	14 36	1 46	20 0	1 20	4 8	2 35	15 38	0 47	11 40	1 41	31 5	7 16	22 44	22 49	25 40		n.a.	M29
T 30	19s58	15s58	5s10	24s48	1s45	3s58	3n 1	14n32	1n48	19s57	1s19	4n 7	2s34	15s38	0s47	11n40	1n41	31s 5	7s16	22n44	22n49	25n41		n.a.	T 30

Julian Day Number = 1290001.5, Delta T = 08h00m06s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'44, Lahiri = -20°15'44 Julian Calendar 1 Nov. 1182 BCE == Greg. Calendar 21 Oct. 1182 BCE

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ASTRODIENST EPHEMERIS for the year 1182 BCE
geocentric

DECEMBER 1182 BCE (-1181) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 53 29	28♏43'16	14♓56	17♐ 9	17♎29	3°R 7	7♒44	16°R10	20♒32	4♍19	1♑39	12°R57	13♊33	6♋38	n.a.	W 1
T 2	3 57 25	29°44'31	28°10	18°26	18° 5	2♉53	7°53	16♈ 7	20°34	4°19	1°41	12♊55	13°30	6°44	n.a.	T 2
F 3	4 1 22	0♐45'46	11♈ 8	19°38	18°43	2°39	8° 3	16° 4	20°35	4°20	1°43	12°54	13°26	6°51	n.a.	F 3
S 4	4 5 18	1°47'00	23°52	20°46	19°22	2°26	8°12	16° 2	20°36	4°20	1°44	12°52	13°23	6°58	n.a.	S 4
S 5	4 9 15	2°48'13	6♉23	21°49	20° 3	2°14	8°22	15°59	20°37	4°21	1°46	12°50	13°20	7° 4	n.a.	S 5
M 6	4 13 12	3°49'26	18°43	22°45	20°44	2° 3	8°31	15°56	20°38	4°21	1°48	12°49	13°17	7°11	n.a.	M 6
T 7	4 17 8	4°50'38	0♊52	23°34	21°27	1°52	8°41	15°54	20°40	4°21	1°49	12°49	13°14	7°18	n.a.	T 7
W 8	4 21 5	5°51'50	12°53	24°15	22°11	1°43	8°51	15°52	20°41	4°22	1°51	12°D48	13°11	7°24	n.a.	W 8
T 9	4 25 1	6°53'01	24°48	24°46	22°55	1°34	9° 1	15°50	20°42	4°22	1°52	12°49	13° 7	7°31	n.a.	T 9
F 10	4 28 58	7°54'11	6♋38	25° 8	23°41	1°26	9°11	15°47	20°44	4°22	1°54	12°49	13° 4	7°38	n.a.	F 10
S 11	4 32 54	8°55'21	18°26	25°20	24°28	1°18	9°22	15°45	20°45	4°23	1°56	12°49	13° 1	7°44	n.a.	S 11
S 12	4 36 51	9°56'30	0♌15	25°R20	25°16	1°12	9°32	15°44	20°47	4°23	1°58	12°50	12°58	7°51	n.a.	S 12
M13	4 40 48	10°57'39	12° 9	25° 9	26° 4	1° 6	9°43	15°42	20°49	4°23	1°59	12°50	12°55	7°58	n.a.	M13
T 14	4 44 44	11°58'47	24°11	24°46	26°54	1° 1	9°53	15°40	20°50	4°23	2° 1	12°50	12°52	8° 4	n.a.	T 14
W15	4 48 41	12°59'54	6♍26	24°12	27°44	0°57	10° 4	15°39	20°52	4°23	2° 3	12°50	12°48	8°11	n.a.	W15
T 16	4 52 37	14° 1'00	18°58	23°27	28°35	0°54	10°15	15°37	20°54	4°23	2° 4	12°50	12°45	8°18	n.a.	T 16
F 17	4 56 34	15° 2'06	1♎52	22°32	29°27	0°51	10°26	15°36	20°55	4°R23	2° 6	12°50	12°42	8°24	n.a.	F 17
S 18	5 0 30	16° 3'11	15°11	21°29	0♏19	0°50	10°37	15°35	20°57	4°23	2° 8	12°51	12°39	8°31	n.a.	S 18
S 19	5 4 27	17° 4'15	28°56	20°20	1°12	0°49	10°48	15°34	20°59	4°23	2°10	12°51	12°36	8°38	n.a.	S 19
M20	5 8 23	18° 5'18	13♏ 9	19° 7	2° 6	0°D49	11° 0	15°33	21° 1	4°23	2°11	12°52	12°32	8°44	n.a.	M20
T 21	5 12 20	19° 6'21	27°46	17°51	3° 1	0°49	11°11	15°32	21° 3	4°23	2°13	12°52	12°29	8°51	n.a.	T 21
W22	5 16 17	20° 7'23	12♐42	16°36	3°56	0°51	11°23	15°31	21° 5	4°23	2°15	12°R52	12°26	8°58	n.a.	W22
T 23	5 20 13	21° 8'23	27°51	15°24	4°51	0°53	11°34	15°30	21° 7	4°23	2°17	12°52	12°23	9° 4	n.a.	T 23
F 24	5 24 10	22° 9'22	13♑ 1	14°16	5°48	0°56	11°46	15°30	21° 9	4°23	2°19	12°51	12°20	9°11	n.a.	F 24
S 25	5 28 6	23°10'20	28° 4	13°13	6°44	0°59	11°58	15°29	21°11	4°22	2°20	12°50	12°17	9°18	n.a.	S 25
S 26	5 32 3	24°11'16	12♒52	12°17	7°42	1° 3	12° 9	15°29	21°13	4°22	2°22	12°49	12°13	9°24	n.a.	S 26
M27	5 35 59	25°12'11	27°18	11°29	8°39	1° 8	12°21	15°29	21°16	4°22	2°24	12°47	12°10	9°31	n.a.	M27
T 28	5 39 56	26°13'04	11♓19	10°49	9°38	1°14	12°33	15°D29	21°18	4°21	2°26	12°46	12° 7	9°38	n.a.	T 28
W29	5 43 53	27°13'55	24°55	10°18	10°36	1°20	12°46	15°29	21°20	4°21	2°28	12°D46	12° 4	9°44	n.a.	W29
T 30	5 47 49	28°14'45	8♈ 6	9°55	11°35	1°27	12°58	15°29	21°22	4°21	2°29	12°46	12° 1	9°51	n.a.	T 30
F 31	5 51 46	29♐15'33	20♈55	9♐41	12♏35	1♉35	13♒10	15♈29	21♒25	4♍20	2♑31	12♊47	11♊58	9♋57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s12	10s53	5s16	24s50	1s38	4s 7	3n 6	14n28	1n49	19s55	1s19	4n 6	2s34	15s37	0s47	11n40	1n41	31s 5	7s16	22n44	22n48	25n41			n.a.
T 2	20 26	5 24	5 6	24 50	1 31	4 17	3 11	14 24	1 50	19 52	1 19	4 5	2 34	15 37	0 47	11 39	1 41	31 5	7 16	22 43	22 48	25 42			n.a.
F 3	20 39	0n12	4 39	24 47	1 22	4 27	3 15	14 20	1 52	19 50	1 19	4 4	2 34	15 36	0 47	11 39	1 42	31 5	7 16	22 43	22 47	25 42			n.a.
S 4	20 52	5 43	3 59	24 42	1 12	4 38	3 19	14 17	1 53	19 47	1 19	4 3	2 33	15 36	0 47	11 39	1 42	31 5	7 16	22 43	22 47	25 43			n.a.
S 5	21 4	10 54	3 9	24 36	1 1	4 50	3 23	14 14	1 54	19 44	1 19	4 2	2 33	15 36	0 47	11 39	1 42	31 5	7 16	22 43	22 47	25 43			n.a.
M 6	21 16	15 36	2 10	24 27	0 49	5 3	3 27	14 11	1 55	19 41	1 18	4 2	2 33	15 35	0 47	11 39	1 42	31 5	7 16	22 43	22 46	25 43			n.a.
T 7	21 27	19 36	1 6	24 16	0 36	5 16	3 30	14 8	1 56	19 39	1 18	4 1	2 33	15 35	0 47	11 39	1 42	31 5	7 16	22 43	22 46	25 44			n.a.
W 8	21 38	22 44	0n 0	24 4	0 21	5 29	3 33	14 5	1 57	19 36	1 18	4 0	2 32	15 34	0 47	11 39	1 42	31 5	7 16	22 43	22 45	25 44			n.a.
T 9	21 49	24 50	1 6	23 50	0 6	5 44	3 35	14 3	1 58	19 33	1 18	4 0	2 32	15 34	0 47	11 39	1 42	31 5	7 16	22 43	22 45	25 45			n.a.
F 10	21 59	25 48	2 9	23 34	0n11	5 58	3 38	14 1	1 59	19 30	1 18	3 59	2 32	15 33	0 47	11 39	1 42	31 5	7 16	22 43	22 45	25 45			n.a.
S 11	22 9	25 36	3 5	23 17	0 28	6 14	3 40	13 59	1 59	19 27	1 18	3 59	2 31	15 33	0 47	11 39	1 42	31 5	7 15	22 43	22 44	25 45			n.a.
S 12	22 19	24 14	3 54	22 59	0 47	6 30	3 42	13 57	2 0	19 24	1 17	3 58	2 31	15 32	0 46	11 39	1 42	31 5	7 15	22 43	22 44	25 46			n.a.
M13	22 27	21 48	4 34	22 39	1 5	6 46	3 44	13 56	2 1	19 21	1 17	3 58	2 31	15 32	0 46	11 39	1 42	31 5	7 15	22 43	22 43	25 46			n.a.
T 14	22 36	18 24	5 1	22 19	1 25	7 2	3 45	13 55	2 2	19 18	1 17	3 57	2 30	15 31	0 46	11 39	1 42	31 5	7 15	22 43	22 43	25 47			n.a.
W15	22 44	14 10	5 16	21 59	1 44	7 20	3 46	13 54	2 2	19 15	1 17	3 57	2 30	15 30	0 46	11 39	1 42	31 5	7 15	22 43	22 43	25 47			n.a.
T 16	22 52	9 16	5 16	21 38	2 2	7 37	3 47	13 53	2 3	19 12	1 17	3 57	2 30	15 30	0 46	11 39	1 42	31 5	7 15	22 43	22 42	25 47			n.a.
F 17	22 59	3 50	5 1	21 17	2 20	7 55	3 48	13 53	2 3	19 9	1 17	3 57	2 30	15 29	0 46	11 39	1 42	31 5	7 15	22 43	22 42	25 48			n.a.
S 18	23 5	1s57	4 29	20 56	2 37	8 13	3 48	13 53	2 4	19 5	1 17	3 56	2 29	15 29	0 46	11 39	1 43	31 5	7 15	22 43	22 41	25 48			n.a.
S 19	23 12	7 50	3 41	20 37	2 53	8 31	3 49	13 53	2 4	19 2	1 16	3 56	2 29	15 28	0 46	11 39	1 43	31 5	7 16	22 43	22 41	25 48			n.a.
M20	23 17	13 32	2 38	20 18	3 6	8 50	3 49	13 53	2 5	18 59	1 16	3 56	2 29	15 27	0 46	11 39	1 43	31 4	7 16	22 43	22 40	25 49			n.a.
T 21	23 23	18 38	1 23	20 0	3 17	9 8	3 49	13 54	2 5	18 55	1 16	3 56	2 28	15 27	0 46	11 39	1 43	31 4	7 16	22 43	22 40	25 49			n.a.
W22	23 28	22 41	0 1	19 44	3 26	9 27	3 49	13 55	2 6	18 52	1 16	3 56	2 28	15 26	0 46	11 39	1 43	31 4	7 16	22 43	22 40	25 49			n.a.
T 23	23 32	25 11	1s22	19 30	3 32	9 47	3 48	13 56	2 6	18 49	1 16	3 56	2 28	15 25	0 46	11 39	1 43	31 4	7 16	22 43	22 39	25 50			n.a.
F 24	23 36	25 50	2 40	19 18	3 37	10 6	3 47	13 57	2 6	18 45	1 16	3 56	2 27	15 25	0 46	11 40	1 43	31 4	7 16	22 43	22 39	25 50			n.a.
S 25	23 39	24 34	3 46	19 9	3 38	10 25	3 47	13 59	2 7	18 42	1 16	3 56	2 27	15 24	0 46	11 40	1 43	31 4	7 16	22 43	22 38	25 50			n.a.
S 26	23 42	21 37	4 35	19 2	3 38	10 45	3 46	14 0	2 7	18 38	1 15	3 57	2 27	15 23	0 46	11 40	1 43	31 4	7 16	22 43	22 38	25 51			n.a.
M27	23 45	17 23	5 6	18 58	3 36	11 5	3 45	14 2	2 7	18 35	1 15	3 57	2 26	15 22	0 46	11 40	1 43	31 4	7 16	22 42	22 38	25 51			n.a.
T 28	23 47	12 18	5 17	18 57	3 32	11 24	3 43	14 5	2 7	18 31	1 15	3 57	2 26	15 22	0 46	11 40	1 43	31 4	7 16	22 42	22 37	25 51			n.a.
W29	23 48	6 47	5 10	18 58	3 26	11 44	3 42	14 7	2 7	18 28	1 15	3 57	2 26	15 21	0 46	11 40	1 43	31 4	7 16	22 42	22 37	25 52			n.a.
T 30	23 49	1 7	4 47	19 1	3 19	12 4	3 41	14 10	2 8	18 24	1 15	3 58	2 25	15 20	0 46	11 41	1 43	31 4	7 16	22 42	22 36	25 52			n.a.
F 31	23s50	4n27	4s10	19s 7	3n11	12s24	3n39	14n13	2n 8	18s20	1s15	3n58	2s25	15s19	0s46	11n41	1n43	31s 5	7s16	22n42	22n36	25n52			n.a.

Julian Day Number = 1290031.5, Delta T = 08h00m05s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'40, Lahiri = -20°15'39 Julian Calendar 1 Dec. 1182 BCE == Greg. Calendar 20 Nov. 1182 BCE

The year -1181 astronomical counting style corresponds to year 1182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

JANUARY 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 55 42	0♉16'19	3♉27	9°D34	13♏35	1♉43	13♒22	15♈30	21♒27	4°R20	2♉33	12♊48	11♊54	10♋ 4	n.a.	S 1
S 2	5 59 39	1°17'03	15°43	9♐35	14°35	1°52	13°35	15°30	21°30	4♍19	2°35	12°50	11°51	10°11	n.a.	S 2
M 3	6 3 35	2°17'46	27°49	9°43	15°36	2° 1	13°47	15°31	21°32	4°19	2°37	12°51	11°48	10°17	n.a.	M 3
T 4	6 7 32	3°18'27	9♊47	9°57	16°37	2°12	14° 0	15°32	21°35	4°18	2°38	12°R52	11°45	10°24	n.a.	T 4
W 5	6 11 28	4°19'06	21°39	10°18	17°39	2°22	14°13	15°32	21°37	4°17	2°40	12°52	11°42	10°31	n.a.	W 5
T 6	6 15 25	5°19'44	3♋29	10°44	18°41	2°33	14°25	15°33	21°40	4°17	2°42	12°50	11°38	10°37	n.a.	T 6
F 7	6 19 22	6°20'20	15°18	11°15	19°43	2°45	14°38	15°34	21°42	4°16	2°44	12°48	11°35	10°44	n.a.	F 7
S 8	6 23 18	7°20'54	27° 8	11°52	20°45	2°57	14°51	15°36	21°45	4°15	2°46	12°44	11°32	10°51	n.a.	S 8
S 9	6 27 15	8°21'27	9♌ 1	12°32	21°48	3°10	15° 4	15°37	21°48	4°15	2°48	12°39	11°29	10°57	n.a.	S 9
M10	6 31 11	9°21'58	21° 0	13°17	22°51	3°24	15°17	15°38	21°50	4°14	2°49	12°35	11°26	11° 4	n.a.	M10
T 11	6 35 8	10°22'28	3♍ 6	14° 5	23°55	3°37	15°30	15°40	21°53	4°13	2°51	12°30	11°23	11°11	n.a.	T 11
W12	6 39 4	11°22'56	15°23	14°57	24°58	3°52	15°43	15°42	21°56	4°12	2°53	12°27	11°19	11°17	n.a.	W12
T 13	6 43 1	12°23'22	27°54	15°52	26° 2	4° 7	15°56	15°43	21°59	4°11	2°55	12°24	11°16	11°24	n.a.	T 13
F 14	6 46 57	13°23'47	10♎43	16°50	27° 6	4°22	16° 9	15°45	22° 1	4°11	2°57	12°D23	11°13	11°31	n.a.	F 14
S 15	6 50 54	14°24'10	23°53	17°51	28°11	4°38	16°23	15°47	22° 4	4°10	2°58	12°23	11°10	11°37	n.a.	S 15
S 16	6 54 51	15°24'32	7♏27	18°55	29°16	4°54	16°36	15°49	22° 7	4° 9	3° 0	12°25	11° 7	11°44	n.a.	S 16
M17	6 58 47	16°24'52	21°26	20° 0	0♐20	5°11	16°49	15°51	22°10	4° 8	3° 2	12°26	11° 4	11°51	n.a.	M17
T 18	7 2 44	17°25'11	5♐52	21° 8	1°26	5°28	17° 3	15°54	22°13	4° 7	3° 4	12°R27	11° 0	11°57	n.a.	T 18
W19	7 6 40	18°25'28	20°40	22°18	2°31	5°45	17°16	15°56	22°16	4° 6	3° 5	12°27	10°57	12° 4	n.a.	W19
T 20	7 10 37	19°25'44	5♑46	23°30	3°37	6° 3	17°30	15°59	22°19	4° 5	3° 7	12°25	10°54	12°11	n.a.	T 20
F 21	7 14 33	20°25'57	21° 2	24°43	4°42	6°21	17°44	16° 1	22°22	4° 4	3° 9	12°22	10°51	12°17	n.a.	F 21
S 22	7 18 30	21°26'08	6♒16	25°59	5°48	6°40	17°57	16° 4	22°25	4° 3	3°11	12°16	10°48	12°24	n.a.	S 22
S 23	7 22 26	22°26'18	21°18	27°16	6°54	6°59	18°11	16° 7	22°28	4° 2	3°12	12°10	10°44	12°31	n.a.	S 23
M24	7 26 23	23°26'25	5♓59	28°34	8° 1	7°19	18°25	16°10	22°31	4° 0	3°14	12° 4	10°41	12°37	n.a.	M24
T 25	7 30 20	24°26'29	20°15	29°55	9° 7	7°39	18°38	16°13	22°34	3°59	3°16	11°59	10°38	12°44	n.a.	T 25
W26	7 34 16	25°26'32	4♈ 0	1♑16	10°14	7°59	18°52	16°16	22°37	3°58	3°18	11°55	10°35	12°51	n.a.	W26
T 27	7 38 13	26°26'32	17°18	2°39	11°21	8°20	19° 6	16°19	22°40	3°57	3°19	11°52	10°32	12°57	n.a.	T 27
F 28	7 42 9	27°26'30	0♉ 8	4° 4	12°28	8°41	19°20	16°23	22°44	3°56	3°21	11°D52	10°29	13° 4	n.a.	F 28
S 29	7 46 6	28°26'25	12°37	5°29	13°35	9° 2	19°34	16°26	22°47	3°54	3°23	11°53	10°25	13°11	n.a.	S 29
S 30	7 50 2	29°26'18	24°49	6°56	14°42	9°23	19°48	16°30	22°50	3°53	3°24	11°54	10°22	13°17	n.a.	S 30
M31	7 53 59	0♒26'09	6♊48	8♑25	15♐49	9♉45	20♒ 2	16♈33	22♒53	3♍52	3♑26	11°R55	10♊19	13♋24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	9n43	3s21	19s14	3n 3	12s44	3n37	14n16	2n 8	18s17	1s15	3n59	2s25	15s18	0s46	11n41	1n43	31s 5	7s16	22n43	22n35	25n52		n.a.
S 2	23 50	14 31	2 25	19 24	2 53	13 3	3 35	14 19	2 8	18 13	1 15	3 59	2 25	15 18	0 46	11 41	1 43	31 5	7 16	22 43	22 35	25 53		n.a.
M 3	23 49	18 40	1 22	19 35	2 44	13 23	3 33	14 22	2 8	18 9	1 15	4 0	2 24	15 17	0 46	11 42	1 44	31 5	7 16	22 43	22 35	25 53		n.a.
T 4	23 48	22 0	0 17	19 47	2 33	13 43	3 31	14 26	2 8	18 5	1 14	4 0	2 24	15 16	0 46	11 42	1 44	31 5	7 16	22 43	22 34	25 53		n.a.
W 5	23 46	24 22	0n48	20 0	2 23	14 2	3 29	14 30	2 8	18 1	1 14	4 1	2 24	15 15	0 46	11 42	1 44	31 5	7 16	22 43	22 34	25 53		n.a.
T 6	23 44	25 39	1 51	20 15	2 12	14 22	3 26	14 34	2 8	17 57	1 14	4 1	2 23	15 14	0 46	11 42	1 44	31 5	7 16	22 43	22 33	25 54		n.a.
F 7	23 41	25 45	2 49	20 30	2 1	14 41	3 24	14 38	2 8	17 54	1 14	4 2	2 23	15 13	0 46	11 43	1 44	31 5	7 16	22 42	22 33	25 54		n.a.
S 8	23 38	24 40	3 40	20 46	1 50	15 1	3 21	14 42	2 8	17 50	1 14	4 3	2 23	15 12	0 46	11 43	1 44	31 5	7 16	22 42	22 32	25 54		n.a.
S 9	23 34	22 29	4 21	21 2	1 40	15 20	3 18	14 47	2 8	17 46	1 14	4 4	2 22	15 12	0 46	11 43	1 44	31 5	7 17	22 41	22 32	25 54		n.a.
M10	23 30	19 19	4 52	21 18	1 29	15 38	3 15	14 51	2 8	17 42	1 14	4 5	2 22	15 11	0 46	11 44	1 44	31 5	7 17	22 41	22 31	25 54		n.a.
T 11	23 25	15 19	5 9	21 35	1 18	15 57	3 13	14 56	2 8	17 38	1 14	4 5	2 22	15 10	0 46	11 44	1 44	31 5	7 17	22 40	22 31	25 55		n.a.
W12	23 20	10 39	5 13	21 51	1 7	16 16	3 10	15 1	2 8	17 34	1 14	4 6	2 21	15 9	0 46	11 44	1 44	31 5	7 17	22 40	22 31	25 55		n.a.
T 13	23 15	5 27	5 2	22 8	0 57	16 34	3 6	15 6	2 8	17 30	1 14	4 7	2 21	15 8	0 45	11 45	1 44	31 5	7 17	22 39	22 30	25 55		n.a.
F 14	23 9	0s 5	4 36	22 24	0 47	16 52	3 3	15 11	2 8	17 25	1 14	4 8	2 21	15 7	0 45	11 45	1 44	31 5	7 17	22 39	22 30	25 55		n.a.
S 15	23 3	5 47	3 55	22 40	0 37	17 10	3 0	15 16	2 8	17 21	1 13	4 9	2 20	15 6	0 45	11 45	1 44	31 5	7 17	22 39	22 29	25 55		n.a.
S 16	22 56	11 24	3 0	22 55	0 27	17 27	2 57	15 22	2 8	17 17	1 13	4 11	2 20	15 5	0 45	11 46	1 44	31 5	7 17	22 39	22 29	25 55		n.a.
M17	22 48	16 37	1 52	23 10	0 17	17 44	2 53	15 27	2 7	17 13	1 13	4 12	2 20	15 4	0 45	11 46	1 44	31 5	7 17	22 40	22 28	25 56		n.a.
T 18	22 41	21 3	0 36	23 24	0 8	18 1	2 50	15 33	2 7	17 9	1 13	4 13	2 19	15 3	0 45	11 47	1 44	31 5	7 17	22 40	22 28	25 56		n.a.
W19	22 33	24 15	0s45	23 38	0s 1	18 18	2 46	15 39	2 7	17 4	1 13	4 14	2 19	15 2	0 45	11 47	1 44	31 5	7 18	22 40	22 27	25 56		n.a.
T 20	22 24	25 46	2 4	23 51	0 10	18 34	2 43	15 45	2 7	17 0	1 13	4 15	2 19	15 1	0 45	11 48	1 45	31 5	7 18	22 40	22 27	25 56		n.a.
F 21	22 15	25 22	3 15	24 3	0 19	18 50	2 39	15 51	2 7	16 56	1 13	4 17	2 19	15 0	0 45	11 48	1 45	31 5	7 18	22 39	22 27	25 56		n.a.
S 22	22 6	23 4	4 11	24 14	0 27	19 5	2 35	15 57	2 7	16 52	1 13	4 18	2 18	14 59	0 45	11 48	1 45	31 6	7 18	22 38	22 26	25 56		n.a.
S 23	21 56	19 12	4 50	24 24	0 36	19 20	2 32	16 3	2 6	16 47	1 13	4 19	2 18	14 58	0 45	11 49	1 45	31 6	7 18	22 38	22 26	25 56		n.a.
M24	21 46	14 13	5 8	24 33	0 43	19 35	2 28	16 10	2 6	16 43	1 13	4 21	2 18	14 57	0 45	11 49	1 45	31 6	7 18	22 37	22 25	25 56		n.a.
T 25	21 35	8 37	5 7	24 41	0 51	19 49	2 24	16 16	2 6	16 38	1 13	4 22	2 17	14 56	0 45	11 50	1 45	31 6	7 18	22 36	22 25	25 56		n.a.
W26	21 24	2 46	4 47	24 48	0 58	20 3	2 20	16 23	2 6	16 34	1 13	4 24	2 17	14 55	0 45	11 50	1 45	31 6	7 18	22 35	22 24	25 57		n.a.
T 27	21 13	3n 1	4 13	24 53	1 5	20 16	2 16	16 29	2 6	16 30	1 13	4 25	2 17	14 54	0 45	11 51	1 45	31 6	7 19	22 35	22 24	25 57		n.a.
F 28	21 1	8 29	3 27	24 58	1 12	20 29	2 12	16 36	2 5	16 25	1 13	4 27	2 16	14 53	0 45	11 51	1 45	31 6	7 19	22 35	22 23	25 57		n.a.
S 29	20 49	13 28	2 32	25 1	1 18	20 41	2 8	16 43	2 5	16 21	1 13	4 29	2 16	14 52	0 45	11 52	1 45	31 6	7 19	22 35	22 23	25 57		n.a.
S 30	20 36	17 49	1 31	25 3	1 24	20 53	2 4	16 50	2 5	16 16	1 13	4 30	2 16	14 50	0 45	11 52	1 45	31 6	7 19	22 35	22 22	25 57		n.a.
M31	20s23	21n21	0s28	25s 3	1s29	21s 5	2n 0	16n57	2n 5	16s11	1s13	4n32	2s16	14s49	0s45	11n53	1n45	31s 6	7s19	22n36	22n22	25n57		n.a.

Julian Day Number = 1290062.5, Delta T = 08h00m03s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'36, Lahiri = -20°15'35 Julian Calendar 1 Jan. 1181 BCE == Greg. Calendar 21 Dec. 1182 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

FEBRUARY 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 55	1♒25'57	18♊40	9♑54	16♐57	10♉ 8	20♒16	16♈37	22♒56	3°R51	3♑28	11°R55	10♊16	13♋31	n.a.	T 1
W 2	8 1 52	2°25'44	0♋28	11°25	18° 5	10°30	20°30	16°41	23° 0	3♍49	3°29	11♊53	10°13	13°38	n.a.	W 2
T 3	8 5 49	3°25'27	12°15	12°57	19°12	10°53	20°44	16°45	23° 3	3°48	3°31	11°49	10°10	13°44	n.a.	T 3
F 4	8 9 45	4°25'09	24° 6	14°30	20°20	11°16	20°58	16°49	23° 6	3°47	3°32	11°42	10° 6	13°51	n.a.	F 4
S 5	8 13 42	5°24'49	6♌ 0	16° 5	21°28	11°39	21°12	16°53	23° 9	3°45	3°34	11°33	10° 3	13°58	n.a.	S 5
S 6	8 17 38	6°24'26	18° 1	17°41	22°36	12° 3	21°26	16°57	23°13	3°44	3°36	11°23	10° 0	14° 4	n.a.	S 6
M 7	8 21 35	7°24'01	0♍ 9	19°18	23°45	12°27	21°41	17° 2	23°16	3°42	3°37	11°12	9°57	14°11	n.a.	M 7
T 8	8 25 31	8°23'34	12°26	20°56	24°53	12°51	21°55	17° 6	23°19	3°41	3°39	11° 2	9°54	14°18	n.a.	T 8
W 9	8 29 28	9°23'05	24°53	22°35	26° 2	13°16	22° 9	17°10	23°23	3°39	3°40	10°53	9°50	14°24	n.a.	W 9
T 10	8 33 24	10°22'34	7♎31	24°16	27°10	13°40	22°23	17°15	23°26	3°38	3°42	10°46	9°47	14°31	n.a.	T 10
F 11	8 37 21	11°22'01	20°23	25°58	28°19	14° 5	22°38	17°20	23°29	3°37	3°43	10°41	9°44	14°38	n.a.	F 11
S 12	8 41 17	12°21'26	3♏31	27°41	29°28	14°31	22°52	17°24	23°33	3°35	3°45	10°39	9°41	14°44	n.a.	S 12
S 13	8 45 14	13°20'50	16°58	29°26	0♑37	14°56	23° 6	17°29	23°36	3°34	3°46	10°D39	9°38	14°51	n.a.	S 13
M14	8 49 11	14°20'11	0♐46	1♒12	1°46	15°22	23°20	17°34	23°39	3°32	3°48	10°39	9°35	14°58	n.a.	M14
T 15	8 53 7	15°19'31	14°56	2°59	2°55	15°48	23°35	17°39	23°43	3°30	3°49	10°R39	9°31	15° 4	n.a.	T 15
W16	8 57 4	16°18'49	29°27	4°47	4° 4	16°14	23°49	17°44	23°46	3°29	3°51	10°38	9°28	15°11	n.a.	W16
T 17	9 1 0	17°18'05	14♑16	6°37	5°13	16°40	24° 3	17°49	23°50	3°27	3°52	10°34	9°25	15°18	n.a.	T 17
F 18	9 4 57	18°17'19	29°18	8°28	6°23	17° 6	24°18	17°55	23°53	3°26	3°53	10°28	9°22	15°24	n.a.	F 18
S 19	9 8 53	19°16'30	14♒23	10°21	7°32	17°33	24°32	18° 0	23°56	3°24	3°55	10°19	9°19	15°31	n.a.	S 19
S 20	9 12 50	20°15'40	29°23	12°15	8°41	18° 0	24°47	18° 5	24° 0	3°23	3°56	10° 9	9°16	15°38	n.a.	S 20
M21	9 16 46	21°14'47	14♓ 6	14°10	9°51	18°27	25° 1	18°11	24° 3	3°21	3°58	9°58	9°12	15°44	n.a.	M21
T 22	9 20 43	22°13'52	28°27	16° 6	11° 1	18°55	25°15	18°16	24° 7	3°19	3°59	9°48	9° 9	15°51	n.a.	T 22
W23	9 24 39	23°12'54	12♈19	18° 4	12°10	19°22	25°30	18°22	24°10	3°18	4° 0	9°40	9° 6	15°58	n.a.	W23
T 24	9 28 36	24°11'54	25°42	20° 3	13°20	19°50	25°44	18°28	24°13	3°16	4° 1	9°35	9° 3	16° 4	n.a.	T 24
F 25	9 32 33	25°10'52	8♉38	22° 3	14°30	20°18	25°59	18°33	24°17	3°15	4° 3	9°32	9° 0	16°11	n.a.	F 25
S 26	9 36 29	26° 9'47	21°10	24° 4	15°40	20°46	26°13	18°39	24°20	3°13	4° 4	9°31	8°56	16°18	n.a.	S 26
S 27	9 40 26	27° 8'40	3♊23	26° 7	16°50	21°14	26°27	18°45	24°24	3°11	4° 5	9°31	8°53	16°24	n.a.	S 27
M28	9 44 22	28° 7'31	15°22	28°10	18° 0	21°43	26°42	18°51	24°27	3°10	4° 6	9°31	8°50	16°31	n.a.	M28
T 29	9 48 19	29♒ 6'19	27♊13	0♓14	19♑10	22♉11	26♒56	18♈57	24♒31	3♍ 8	4♑ 8	9♊29	8♊47	16♋38	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s10	23n57	0n36	25s 2	1s35	21s16	1n56	17n 4	2n 4	16s 7	1s13	4n34	2s15	14s48	0s45	11n53	1n45	31s 7	7s19	22n36	22n21	25n57		n.a.
W 2	19 57	25 28	1 38	24 59	1 39	21 26	1 52	17 11	2 4	16 2	1 13	4 35	2 15	14 47	0 45	11 54	1 45	31 7	7 19	22 35	22 21	25 57		n.a.
T 3	19 43	25 51	2 36	24 55	1 44	21 36	1 48	17 18	2 4	15 58	1 12	4 37	2 15	14 46	0 45	11 54	1 45	31 7	7 20	22 35	22 21	25 57		n.a.
F 4	19 28	25 2	3 27	24 49	1 48	21 45	1 44	17 25	2 4	15 53	1 12	4 39	2 14	14 45	0 45	11 55	1 45	31 7	7 20	22 34	22 20	25 57		n.a.
S 5	19 14	23 6	4 9	24 42	1 52	21 54	1 40	17 32	2 3	15 48	1 12	4 41	2 14	14 44	0 45	11 56	1 45	31 7	7 20	22 33	22 20	25 57		n.a.
S 6	18 59	20 7	4 40	24 33	1 55	22 2	1 35	17 39	2 3	15 44	1 12	4 43	2 14	14 43	0 45	11 56	1 45	31 7	7 20	22 31	22 19	25 57		n.a.
M 7	18 44	16 15	4 59	24 22	1 58	22 10	1 31	17 47	2 3	15 39	1 12	4 45	2 14	14 42	0 45	11 57	1 45	31 7	7 20	22 30	22 19	25 57		n.a.
T 8	18 28	11 41	5 5	24 10	2 1	22 17	1 27	17 54	2 3	15 34	1 12	4 47	2 13	14 41	0 45	11 57	1 45	31 7	7 20	22 28	22 18	25 57		n.a.
W 9	18 12	6 35	4 56	23 56	2 3	22 24	1 23	18 1	2 2	15 30	1 12	4 49	2 13	14 39	0 45	11 58	1 45	31 7	7 21	22 27	22 18	25 57		n.a.
T 10	17 56	1 8	4 32	23 40	2 5	22 29	1 19	18 9	2 2	15 25	1 12	4 51	2 13	14 38	0 45	11 58	1 45	31 8	7 21	22 26	22 17	25 57		n.a.
F 11	17 39	4s28	3 55	23 22	2 6	22 35	1 15	18 16	2 2	15 20	1 12	4 53	2 13	14 37	0 45	11 59	1 45	31 8	7 21	22 25	22 17	25 57		n.a.
S 12	17 22	10 0	3 5	23 2	2 7	22 40	1 11	18 23	2 2	15 15	1 12	4 55	2 12	14 36	0 45	11 59	1 45	31 8	7 21	22 25	22 16	25 57		n.a.
S 13	17 5	15 13	2 3	22 41	2 7	22 44	1 6	18 31	2 1	15 11	1 12	4 57	2 12	14 35	0 45	12 0	1 45	31 8	7 21	22 25	22 16	25 57		n.a.
M14	16 48	19 48	0 53	22 17	2 7	22 47	1 2	18 38	2 1	15 6	1 12	4 59	2 12	14 34	0 45	12 1	1 46	31 8	7 22	22 25	22 15	25 57		n.a.
T 15	16 30	23 21	0s23	21 52	2 7	22 50	0 58	18 46	2 1	15 1	1 12	5 1	2 12	14 33	0 45	12 1	1 46	31 8	7 22	22 25	22 15	25 57		n.a.
W16	16 12	25 28	1 38	21 25	2 5	22 52	0 54	18 53	2 0	14 56	1 12	5 3	2 11	14 31	0 45	12 2	1 46	31 8	7 22	22 25	22 14	25 57		n.a.
T 17	15 54	25 51	2 49	20 55	2 4	22 54	0 50	19 1	2 0	14 51	1 12	5 5	2 11	14 30	0 45	12 2	1 46	31 9	7 22	22 24	22 14	25 57		n.a.
F 18	15 36	24 21	3 48	20 24	2 2	22 55	0 46	19 8	2 0	14 46	1 12	5 8	2 11	14 29	0 45	12 3	1 46	31 9	7 22	22 23	22 13	25 56		n.a.
S 19	15 17	21 7	4 32	19 51	1 59	22 55	0 42	19 15	2 0	14 42	1 12	5 10	2 11	14 28	0 45	12 4	1 46	31 9	7 23	22 22	22 13	25 56		n.a.
S 20	14 58	16 30	4 57	19 16	1 56	22 55	0 38	19 23	1 59	14 37	1 12	5 12	2 10	14 27	0 45	12 4	1 46	31 9	7 23	22 20	22 12	25 56		n.a.
M21	14 39	10 58	5 1	18 38	1 52	22 54	0 34	19 30	1 59	14 32	1 12	5 15	2 10	14 26	0 45	12 5	1 46	31 9	7 23	22 19	22 12	25 56		n.a.
T 22	14 20	5 0	4 47	17 59	1 48	22 52	0 30	19 38	1 59	14 27	1 12	5 17	2 10	14 25	0 45	12 5	1 46	31 9	7 23	22 17	22 11	25 56		n.a.
W23	14 0	1n 2	4 15	17 18	1 43	22 50	0 26	19 45	1 58	14 22	1 12	5 19	2 10	14 23	0 45	12 6	1 46	31 10	7 23	22 16	22 11	25 56		n.a.
T 24	13 40	6 50	3 30	16 35	1 38	22 47	0 22	19 53	1 58	14 17	1 12	5 22	2 9	14 22	0 45	12 7	1 46	31 10	7 24	22 15	22 10	25 56		n.a.
F 25	13 20	12 9	2 36	15 50	1 32	22 44	0 18	20 0	1 58	14 12	1 12	5 24	2 9	14 21	0 45	12 7	1 46	31 10	7 24	22 15	22 10	25 56		n.a.
S 26	13 0	16 49	1 36	15 3	1 25	22 40	0 15	20 7	1 57	14 7	1 12	5 27	2 9	14 20	0 45	12 8	1 46	31 10	7 24	22 15	22 9	25 56		n.a.
S 27	12 40	20 39	0 32	14 15	1 18	22 35	0 11	20 15	1 57	14 2	1 12	5 29	2 9	14 19	0 45	12 9	1 46	31 10	7 24	22 15	22 9	25 55		n.a.
M28	12 19	23 32	0n31	13 25	1 11	22 29	0 7	20 22	1 57	13 57	1 12	5 32	2 8	14 18	0 45	12 9	1 46	31 11	7 25	22 15	22 8	25 55		n.a.
T 29	11s59	25n21	1n32	12s33	1s 3	22s23	0n 3	20n29	1n56	13s52	1s12	5n34	2s 8	14s16	0s45	12n10	1n46	31s11	7s25	22n14	22n 8	25n55		n.a.

Julian Day Number = 1290093.5, Delta T = 08h00m02s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'31, Lahiri = -20°15'31 Julian Calendar 1 Feb. 1181 BCE == Greg. Calendar 21 Jan. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

MARCH 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 52 15	0♓ 5'05	9♋ 1	2♓19	20♑20	22♉40	27♒10	19♈ 3	24♒34	3°R 6	4♑ 9	9°R26	8♊44	16♋44	n.a.	W 1
T 2	9 56 12	1° 3'48	20°50	4°24	21°30	23° 9	27°25	19° 9	24°37	3♍ 5	4°10	9♊20	8°41	16°51	n.a.	T 2
F 3	10 0 8	2° 2'29	2♌43	6°30	22°40	23°38	27°39	19°15	24°41	3° 3	4°11	9°12	8°37	16°58	n.a.	F 3
S 4	10 4 5	3° 1'08	14°44	8°35	23°51	24° 7	27°54	19°22	24°44	3° 2	4°12	9° 0	8°34	17° 4	n.a.	S 4
S 5	10 8 2	3°59'45	26°55	10°40	25° 1	24°36	28° 8	19°28	24°47	3° 0	4°13	8°47	8°31	17°11	n.a.	S 5
M 6	10 11 58	4°58'19	9♍16	12°45	26°11	25° 6	28°22	19°34	24°51	2°58	4°14	8°34	8°28	17°18	n.a.	M 6
T 7	10 15 55	5°56'51	21°48	14°49	27°22	25°35	28°37	19°41	24°54	2°57	4°15	8°20	8°25	17°24	n.a.	T 7
W 8	10 19 51	6°55'22	4♎31	16°52	28°32	26° 5	28°51	19°47	24°58	2°55	4°16	8° 9	8°21	17°31	n.a.	W 8
T 9	10 23 48	7°53'50	17°25	18°54	29°43	26°35	29° 5	19°54	25° 1	2°53	4°17	7°59	8°18	17°38	n.a.	T 9
F 10	10 27 44	8°52'17	0♏31	20°53	0♒54	27° 5	29°19	20° 0	25° 4	2°52	4°18	7°53	8°15	17°44	n.a.	F 10
S 11	10 31 41	9°50'42	13°48	22°50	2° 4	27°35	29°34	20° 7	25° 8	2°50	4°19	7°49	8°12	17°51	n.a.	S 11
S 12	10 35 37	10°49'05	27°19	24°45	3°15	28° 6	29°48	20°14	25°11	2°48	4°20	7°48	8° 9	17°58	n.a.	S 12
M13	10 39 34	11°47'27	11♐ 4	26°38	4°26	28°36	0♓ 2	20°21	25°14	2°47	4°21	7°48	8° 6	18° 4	n.a.	M13
T 14	10 43 30	12°45'47	25° 5	28°27	5°36	29° 7	0°16	20°27	25°18	2°45	4°22	7°48	8° 2	18°11	n.a.	T 14
W15	10 47 27	13°44'05	9♑21	0♈13	6°47	29°37	0°31	20°34	25°21	2°44	4°23	7°46	7°59	18°18	n.a.	W15
T 16	10 51 24	14°42'22	23°50	1°55	7°58	0♊ 8	0°45	20°41	25°24	2°42	4°23	7°42	7°56	18°24	n.a.	T 16
F 17	10 55 20	15°40'37	8♒29	3°33	9° 9	0°39	0°59	20°48	25°27	2°40	4°24	7°35	7°53	18°31	n.a.	F 17
S 18	10 59 17	16°38'50	23°12	5° 8	10°20	1°10	1°13	20°55	25°31	2°39	4°25	7°26	7°50	18°38	n.a.	S 18
S 19	11 3 13	17°37'01	7♓52	6°38	11°31	1°41	1°27	21° 2	25°34	2°37	4°26	7°15	7°47	18°45	n.a.	S 19
M20	11 7 10	18°35'11	22°21	8° 5	12°42	2°12	1°41	21° 9	25°37	2°36	4°26	7° 4	7°43	18°51	n.a.	M20
T 21	11 11 6	19°33'18	6♈32	9°27	13°53	2°44	1°55	21°17	25°40	2°34	4°27	6°53	7°40	18°58	n.a.	T 21
W22	11 15 3	20°31'24	20°20	10°44	15° 4	3°15	2° 9	21°24	25°43	2°33	4°28	6°44	7°37	19° 5	n.a.	W22
T 23	11 18 59	21°29'28	3♉42	11°57	16°15	3°47	2°23	21°31	25°47	2°31	4°28	6°38	7°34	19°11	n.a.	T 23
F 24	11 22 56	22°27'30	16°39	13° 5	17°27	4°19	2°37	21°38	25°50	2°29	4°29	6°34	7°31	19°18	n.a.	F 24
S 25	11 26 52	23°25'30	29°13	14° 9	18°38	4°50	2°51	21°45	25°53	2°28	4°30	6°33	7°27	19°25	n.a.	S 25
S 26	11 30 49	24°23'28	11♊28	15° 8	19°49	5°22	3° 5	21°53	25°56	2°26	4°30	6°D33	7°24	19°31	n.a.	S 26
M27	11 34 46	25°21'23	23°30	16° 2	21° 0	5°54	3°19	22° 0	25°59	2°25	4°31	6°R33	7°21	19°38	n.a.	M27
T 28	11 38 42	26°19'17	5♋22	16°51	22°12	6°27	3°33	22° 8	26° 2	2°23	4°31	6°32	7°18	19°45	n.a.	T 28
W29	11 42 39	27°17'09	17°12	17°35	23°23	6°59	3°46	22°15	26° 5	2°22	4°32	6°31	7°15	19°51	n.a.	W29
T 30	11 46 35	28°15'00	29° 3	18°15	24°34	7°31	4° 0	22°22	26° 8	2°21	4°32	6°26	7°12	19°58	n.a.	T 30
F 31	11 50 32	29♓12'48	11♌ 1	18♈49	25♒46	8♊ 3	4♓14	22♈30	26♒11	2♍19	4♑33	6♊20	7♊ 8	20♋ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s38	26n 1	2n29	11s40	0s54	22s16	0s 0	20n37	1n56	13s47	1s12	5n37	2s 8	14s15	0s45	12n10	1n46	31s11	7s25	22n14	22n 7	25n55			n.a.
T 2	11 17	25 29	3 20	10 45	0 45	22 9	0 4	20 44	1 56	13 42	1 12	5 39	2 8	14 14	0 45	12 11	1 46	31 11	7 25	22 13	22 7	25 55			n.a.
F 3	10 55	23 48	4 2	9 49	0 35	22 1	0 7	20 51	1 55	13 37	1 13	5 42	2 8	14 13	0 45	12 12	1 46	31 11	7 25	22 12	22 6	25 55			n.a.
S 4	10 34	21 2	4 34	8 52	0 25	21 52	0 11	20 58	1 55	13 32	1 13	5 44	2 7	14 12	0 45	12 12	1 46	31 12	7 26	22 10	22 6	25 54			n.a.
S 5	10 12	17 20	4 53	7 54	0 14	21 43	0 14	21 5	1 55	13 27	1 13	5 47	2 7	14 11	0 45	12 13	1 46	31 12	7 26	22 8	22 5	25 54			n.a.
M 6	9 51	12 50	5 0	6 56	0 4	21 33	0 18	21 12	1 54	13 22	1 13	5 50	2 7	14 10	0 45	12 13	1 46	31 12	7 26	22 6	22 5	25 54			n.a.
T 7	9 29	7 45	4 52	5 58	0n 7	21 23	0 21	21 19	1 54	13 17	1 13	5 52	2 7	14 8	0 45	12 14	1 46	31 12	7 26	22 4	22 4	25 54			n.a.
W 8	9 7	2 17	4 29	4 59	0 19	21 12	0 24	21 26	1 54	13 12	1 13	5 55	2 7	14 7	0 45	12 15	1 46	31 12	7 27	22 2	22 4	25 54			n.a.
T 9	8 45	3s22	3 53	4 0	0 30	21 0	0 28	21 33	1 53	13 7	1 13	5 58	2 6	14 6	0 45	12 15	1 46	31 13	7 27	22 0	22 3	25 53			n.a.
F 10	8 23	8 59	3 3	3 2	0 42	20 48	0 31	21 40	1 53	13 2	1 13	6 0	2 6	14 5	0 45	12 16	1 46	31 13	7 27	21 59	22 3	25 53			n.a.
S 11	8 0	14 17	2 3	2 5	0 53	20 35	0 34	21 47	1 53	12 57	1 13	6 3	2 6	14 4	0 45	12 16	1 46	31 13	7 27	21 59	22 2	25 53			n.a.
S 12	7 38	19 0	0 55	1 8	1 4	20 21	0 37	21 53	1 52	12 52	1 13	6 6	2 6	14 3	0 45	12 17	1 46	31 13	7 28	21 58	22 2	25 53			n.a.
M13	7 15	22 46	0s17	0 13	1 15	20 7	0 40	22 0	1 52	12 47	1 13	6 8	2 6	14 2	0 45	12 18	1 46	31 13	7 28	21 58	22 1	25 52			n.a.
T 14	6 53	25 15	1 30	0n41	1 26	19 53	0 43	22 6	1 52	12 42	1 13	6 11	2 5	14 1	0 45	12 18	1 46	31 14	7 28	21 58	22 1	25 52			n.a.
W15	6 30	26 8	2 38	1 34	1 37	19 37	0 46	22 13	1 51	12 37	1 13	6 14	2 5	13 59	0 45	12 19	1 46	31 14	7 28	21 58	22 0	25 52			n.a.
T 16	6 7	25 16	3 38	2 24	1 47	19 22	0 49	22 19	1 51	12 32	1 13	6 17	2 5	13 58	0 45	12 19	1 46	31 14	7 29	21 57	22 0	25 52			n.a.
F 17	5 44	22 40	4 23	3 13	1 57	19 5	0 51	22 26	1 51	12 27	1 13	6 20	2 5	13 57	0 45	12 20	1 46	31 14	7 29	21 56	21 59	25 51			n.a.
S 18	5 21	18 35	4 52	3 59	2 6	18 49	0 54	22 32	1 50	12 22	1 13	6 22	2 5	13 56	0 45	12 21	1 46	31 15	7 29	21 55	21 59	25 51			n.a.
S 19	4 58	13 23	5 1	4 43	2 14	18 31	0 57	22 38	1 50	12 17	1 13	6 25	2 5	13 55	0 45	12 21	1 46	31 15	7 29	21 53	21 58	25 51			n.a.
M20	4 35	7 31	4 50	5 25	2 22	18 13	0 59	22 44	1 50	12 11	1 13	6 28	2 4	13 54	0 45	12 22	1 46	31 15	7 30	21 51	21 58	25 50			n.a.
T 21	4 12	1 22	4 22	6 5	2 29	17 55	1 2	22 50	1 49	12 6	1 14	6 31	2 4	13 53	0 45	12 22	1 46	31 15	7 30	21 49	21 57	25 50			n.a.
W22	3 49	4n42	3 39	6 42	2 36	17 36	1 4	22 56	1 49	12 1	1 14	6 34	2 4	13 52	0 45	12 23	1 46	31 15	7 30	21 48	21 57	25 50			n.a.
T 23	3 26	10 23	2 45	7 16	2 41	17 17	1 7	23 2	1 49	11 56	1 14	6 37	2 4	13 51	0 45	12 23	1 46	31 16	7 30	21 47	21 56	25 49			n.a.
F 24	3 2	15 26	1 44	7 47	2 46	16 57	1 9	23 8	1 48	11 51	1 14	6 40	2 4	13 50	0 45	12 24	1 46	31 16	7 31	21 46	21 55	25 49			n.a.
S 25	2 39	19 41	0 39	8 16	2 50	16 37	1 11	23 13	1 48	11 46	1 14	6 43	2 4	13 49	0 45	12 25	1 46	31 16	7 31	21 46	21 55	25 49			n.a.
S 26	2 16	22 58	0n26	8 42	2 53	16 16	1 13	23 19	1 48	11 41	1 14	6 45	2 3	13 48	0 45	12 25	1 46	31 16	7 31	21 46	21 54	25 48			n.a.
M27	1 52	25 9	1 29	9 5	2 55	15 55	1 15	23 24	1 47	11 36	1 14	6 48	2 3	13 46	0 45	12 26	1 46	31 17	7 32	21 46	21 54	25 48			n.a.
T 28	1 29	26 10	2 27	9 26	2 56	15 33	1 17	23 30	1 47	11 31	1 14	6 51	2 3	13 45	0 45	12 26	1 46	31 17	7 32	21 46	21 53	25 48			n.a.
W29	1 6	25 59	3 18	9 43	2 56	15 11	1 19	23 35	1 47	11 26	1 14	6 54	2 3	13 44	0 45	12 27	1 46	31 17	7 32	21 45	21 53	25 47			n.a.
T 30	0 42	24 37	4 1	9 57	2 55	14 49	1 21	23 40	1 46	11 21	1 14	6 57	2 3	13 43	0 45	12 27	1 46	31 17	7 32	21 45	21 52	25 47			n.a.
F 31	0s19	22n 8	4n34	10n 8	2n53	14s26	1s22	23n45	1n46	11s16	1s14	7n 0	2s 3	13s42	0s45	12n28	1n46	31s18	7s33	21n43	21n52	25n47			n.a.

Julian Day Number = 1290122.5, Delta T = 08h00m00s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'28, Lahiri = -20°15'27 Julian Calendar 1 March 1181 BCE == Greg. Calendar 19 Feb. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

APRIL 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 28	0♈10'34	23♌ 8	19♈18	26♒57	8♊36	4♓27	22♈38	26♒14	2°R18	4♑33	6°R11	7♊ 5	20♋11	n.a.	S 1
S 2	11 58 25	1° 8'19	5♍28	19°42	28° 8	9° 8	4°41	22°45	26°17	2♍16	4°33	6♊ 0	7° 2	20°18	n.a.	S 2
M 3	12 2 21	2° 6'01	18° 2	20° 0	29°20	9°41	4°54	22°53	26°20	2°15	4°34	5°49	6°59	20°25	n.a.	M 3
T 4	12 6 18	3° 3'43	0♎50	20°14	0♓31	10°14	5° 8	23° 0	26°23	2°14	4°34	5°38	6°56	20°31	n.a.	T 4
W 5	12 10 15	4° 1'22	13°52	20°23	1°43	10°47	5°21	23° 8	26°26	2°12	4°34	5°29	6°53	20°38	n.a.	W 5
T 6	12 14 11	4°59'01	27° 8	20°R26	2°54	11°20	5°35	23°16	26°29	2°11	4°35	5°21	6°49	20°45	n.a.	T 6
F 7	12 18 8	5°56'38	10♏35	20°25	4° 6	11°53	5°48	23°23	26°31	2°10	4°35	5°16	6°46	20°51	n.a.	F 7
S 8	12 22 4	6°54'13	24°12	20°19	5°18	12°26	6° 2	23°31	26°34	2° 8	4°35	5°14	6°43	20°58	n.a.	S 8
S 9	12 26 1	7°51'48	7♐58	20° 9	6°29	12°59	6°15	23°39	26°37	2° 7	4°35	5°D13	6°40	21° 5	n.a.	S 9
M10	12 29 57	8°49'22	21°53	19°54	7°41	13°32	6°28	23°46	26°40	2° 6	4°35	5°14	6°37	21°12	n.a.	M10
T 11	12 33 54	9°46'54	5♑56	19°35	8°53	14° 5	6°41	23°54	26°42	2° 5	4°36	5°R15	6°33	21°18	n.a.	T 11
W12	12 37 50	10°44'26	20° 5	19°13	10° 4	14°39	6°54	24° 2	26°45	2° 3	4°36	5°14	6°30	21°25	n.a.	W12
T 13	12 41 47	11°41'56	4♒21	18°47	11°16	15°12	7° 7	24°10	26°48	2° 2	4°36	5°12	6°27	21°32	n.a.	T 13
F 14	12 45 44	12°39'26	18°39	18°19	12°28	15°46	7°20	24°18	26°50	2° 1	4°36	5° 8	6°24	21°38	n.a.	F 14
S 15	12 49 40	13°36'54	2♓57	17°48	13°40	16°19	7°33	24°25	26°53	2° 0	4°36	5° 2	6°21	21°45	n.a.	S 15
S 16	12 53 37	14°34'21	17°10	17°16	14°52	16°53	7°46	24°33	26°56	1°59	4°R36	4°54	6°18	21°52	n.a.	S 16
M17	12 57 33	15°31'48	1♈14	16°43	16° 4	17°27	7°59	24°41	26°58	1°58	4°36	4°46	6°14	21°58	n.a.	M17
T 18	13 1 30	16°29'13	15° 3	16° 9	17°15	18° 1	8°12	24°49	27° 1	1°57	4°36	4°39	6°11	22° 5	n.a.	T 18
W19	13 5 26	17°26'37	28°34	15°35	18°27	18°35	8°24	24°57	27° 3	1°56	4°36	4°33	6° 8	22°12	n.a.	W19
T 20	13 9 23	18°24'00	11♉45	15° 1	19°39	19° 9	8°37	25° 5	27° 5	1°54	4°36	4°28	6° 5	22°18	n.a.	T 20
F 21	13 13 19	19°21'22	24°35	14°29	20°51	19°43	8°49	25°13	27° 8	1°53	4°36	4°26	6° 2	22°25	n.a.	F 21
S 22	13 17 16	20°18'43	7♊ 6	13°58	22° 3	20°17	9° 2	25°21	27°10	1°53	4°35	4°D26	5°58	22°32	n.a.	S 22
S 23	13 21 13	21°16'02	19°21	13°30	23°15	20°51	9°14	25°29	27°13	1°52	4°35	4°27	5°55	22°38	n.a.	S 23
M24	13 25 9	22°13'21	1♋23	13° 4	24°27	21°25	9°27	25°36	27°15	1°51	4°35	4°28	5°52	22°45	n.a.	M24
T 25	13 29 6	23°10'38	13°17	12°42	25°39	22° 0	9°39	25°44	27°17	1°50	4°35	4°29	5°49	22°52	n.a.	T 25
W26	13 33 2	24° 7'54	25° 8	12°23	26°52	22°34	9°51	25°52	27°19	1°49	4°35	4°R30	5°46	22°59	n.a.	W26
T 27	13 36 59	25° 5'09	7♌ 1	12° 7	28° 4	23° 9	10° 3	26° 0	27°21	1°48	4°34	4°29	5°43	23° 5	n.a.	T 27
F 28	13 40 55	26° 2'23	19° 1	11°56	29°16	23°43	10°15	26° 8	27°24	1°47	4°34	4°26	5°39	23°12	n.a.	F 28
S 29	13 44 52	26°59'35	1♍12	11°48	0♈28	24°18	10°27	26°16	27°26	1°46	4°34	4°23	5°36	23°19	n.a.	S 29
S 30	13 48 48	27♈56'47	13♍38	11°D46	1♈40	24♊53	10♓39	26♈24	27♒28	1♍46	4♑33	4♊17	5♊33	23♋25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 4	18n40	4n55	10n17	2n50	14s 3	1s24	23n50	1n45	11s11	1s14	7n 3	2s 3	13s41	0s45	12n28	1n46	31s18	7s33	21n42	21n51	25n46		n.a.
S 2	0 28	14 20	5 3	10 22	2 45	13 39	1 26	23 55	1 45	11 6	1 15	7 6	2 3	13 40	0 45	12 29	1 46	31 18	7 33	21 40	21 51	25 46		n.a.
M 3	0 51	9 20	4 56	10 24	2 40	13 15	1 27	24 0	1 45	11 1	1 15	7 9	2 2	13 39	0 45	12 29	1 46	31 18	7 33	21 38	21 50	25 45		n.a.
T 4	1 14	3 51	4 35	10 24	2 33	12 51	1 29	24 4	1 44	10 56	1 15	7 12	2 2	13 38	0 45	12 30	1 46	31 19	7 34	21 36	21 50	25 45		n.a.
W 5	1 37	1s55	3 58	10 20	2 25	12 26	1 30	24 9	1 44	10 52	1 15	7 15	2 2	13 37	0 45	12 30	1 46	31 19	7 34	21 34	21 49	25 45		n.a.
T 6	2 1	7 41	3 9	10 13	2 17	12 1	1 31	24 13	1 44	10 47	1 15	7 18	2 2	13 36	0 45	12 31	1 46	31 19	7 34	21 33	21 49	25 44		n.a.
F 7	2 24	13 13	2 8	10 3	2 7	11 36	1 32	24 17	1 43	10 42	1 15	7 21	2 2	13 35	0 45	12 31	1 46	31 20	7 34	21 32	21 48	25 44		n.a.
S 8	2 47	18 11	0 59	9 51	1 56	11 10	1 34	24 22	1 43	10 37	1 15	7 24	2 2	13 35	0 46	12 31	1 46	31 20	7 35	21 32	21 47	25 43		n.a.
S 9	3 10	22 15	0s15	9 36	1 44	10 44	1 35	24 26	1 43	10 32	1 15	7 27	2 2	13 34	0 46	12 32	1 46	31 20	7 35	21 32	21 47	25 43		n.a.
M10	3 33	25 3	1 28	9 18	1 30	10 18	1 36	24 29	1 42	10 27	1 15	7 30	2 2	13 33	0 46	12 32	1 45	31 20	7 35	21 32	21 46	25 42		n.a.
T 11	3 56	26 19	2 37	8 58	1 16	9 52	1 36	24 33	1 42	10 22	1 16	7 33	2 2	13 32	0 46	12 33	1 45	31 21	7 36	21 32	21 46	25 42		n.a.
W12	4 19	25 52	3 37	8 35	1 2	9 25	1 37	24 37	1 41	10 17	1 16	7 36	2 1	13 31	0 46	12 33	1 45	31 21	7 36	21 32	21 45	25 41		n.a.
T 13	4 42	23 45	4 23	8 11	0 46	8 58	1 38	24 40	1 41	10 13	1 16	7 39	2 1	13 30	0 46	12 34	1 45	31 21	7 36	21 31	21 45	25 41		n.a.
F 14	5 5	20 8	4 54	7 46	0 30	8 30	1 39	24 44	1 41	10 8	1 16	7 42	2 1	13 29	0 46	12 34	1 45	31 21	7 36	21 31	21 44	25 40		n.a.
S 15	5 28	15 20	5 6	7 18	0 13	8 3	1 39	24 47	1 40	10 3	1 16	7 45	2 1	13 28	0 46	12 34	1 45	31 22	7 37	21 29	21 44	25 40		n.a.
S 16	5 50	9 44	4 59	6 50	0s 3	7 35	1 40	24 50	1 40	9 58	1 16	7 48	2 1	13 27	0 46	12 35	1 45	31 22	7 37	21 28	21 43	25 39		n.a.
M17	6 13	3 41	4 35	6 22	0 20	7 7	1 40	24 53	1 40	9 54	1 16	7 51	2 1	13 26	0 46	12 35	1 45	31 22	7 37	21 27	21 42	25 39		n.a.
T 18	6 35	2n26	3 54	5 53	0 38	6 39	1 40	24 56	1 39	9 49	1 17	7 54	2 1	13 26	0 46	12 35	1 45	31 22	7 37	21 25	21 42	25 38		n.a.
W19	6 57	8 20	3 1	5 24	0 54	6 11	1 41	24 59	1 39	9 44	1 17	7 57	2 1	13 25	0 46	12 36	1 45	31 23	7 38	21 24	21 41	25 38		n.a.
T 20	7 20	13 43	1 59	4 55	1 11	5 42	1 41	25 1	1 38	9 39	1 17	8 0	2 1	13 24	0 46	12 36	1 45	31 23	7 38	21 23	21 41	25 37		n.a.
F 21	7 42	18 22	0 53	4 28	1 27	5 13	1 41	25 4	1 38	9 35	1 17	8 3	2 1	13 23	0 46	12 36	1 45	31 23	7 38	21 23	21 40	25 37		n.a.
S 22	8 4	22 6	0n15	4 1	1 43	4 45	1 41	25 6	1 38	9 30	1 17	8 6	2 1	13 22	0 46	12 37	1 45	31 24	7 39	21 23	21 40	25 36		n.a.
S 23	8 26	24 44	1 20	3 37	1 58	4 16	1 41	25 8	1 37	9 26	1 17	8 9	2 1	13 22	0 46	12 37	1 45	31 24	7 39	21 23	21 39	25 36		n.a.
M24	8 47	26 11	2 21	3 14	2 12	3 47	1 41	25 10	1 37	9 21	1 17	8 12	2 1	13 21	0 46	12 37	1 45	31 24	7 39	21 23	21 39	25 35		n.a.
T 25	9 9	26 24	3 15	2 53	2 25	3 17	1 41	25 12	1 37	9 16	1 18	8 15	2 0	13 20	0 46	12 38	1 45	31 24	7 39	21 23	21 38	25 35		n.a.
W26	9 31	25 24	4 1	2 34	2 37	2 48	1 40	25 13	1 36	9 12	1 18	8 17	2 0	13 19	0 46	12 38	1 45	31 25	7 40	21 24	21 37	25 34		n.a.
T 27	9 52	23 16	4 36	2 17	2 48	2 18	1 40	25 15	1 36	9 7	1 18	8 20	2 0	13 19	0 46	12 38	1 45	31 25	7 40	21 23	21 37	25 33		n.a.
F 28	10 13	20 6	5 0	2 4	2 58	1 49	1 40	25 16	1 35	9 3	1 18	8 23	2 0	13 18	0 46	12 39	1 45	31 25	7 40	21 23	21 36	25 33		n.a.
S 29	10 34	16 2	5 10	1 53	3 7	1 19	1 39	25 18	1 35	8 58	1 18	8 26	2 0	13 17	0 46	12 39	1 45	31 25	7 40	21 22	21 36	25 32		n.a.
S 30	10n55	11n14	5n 7	1n44	3s15	0s50	1s39	25n19	1n35	8s54	1s18	8n29	2s 0	13s16	0s46	12n39	1n45	31s26	7s41	21n21	21n35	25n32		n.a.

Julian Day Number = 1290153.5, Delta T = 07h59m58s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'23, Lahiri = -20°15'23 Julian Calendar 1 Apr. 1181 BCE == Greg. Calendar 21 March 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

MAY 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 52 45	28♈53'58	26♍20	11♈47	2♈52	25♊27	10♓51	26♈32	27♒30	1°R45	4°R33	4°R12	5♊30	23♋32	n.a.	M 1
T 2	13 56 42	29°51'07	9♎22	11°53	4° 4	26° 2	11° 3	26°40	27°32	1♍44	4♑33	4♊ 6	5°27	23°39	n.a.	T 2
W 3	14 0 38	0♉48'16	22°41	12° 4	5°17	26°37	11°14	26°48	27°34	1°44	4°32	4° 1	5°24	23°45	n.a.	W 3
T 4	14 4 35	1°45'25	6♏18	12°19	6°29	27°12	11°26	26°56	27°36	1°43	4°32	3°57	5°20	23°52	n.a.	T 4
F 5	14 8 31	2°42'32	20° 9	12°38	7°41	27°47	11°37	27° 4	27°38	1°42	4°31	3°55	5°17	23°59	n.a.	F 5
S 6	14 12 28	3°39'40	4♐12	13° 2	8°54	28°22	11°49	27°11	27°39	1°42	4°31	3°D55	5°14	24° 5	n.a.	S 6
S 7	14 16 24	4°36'47	18°22	13°31	10° 6	28°57	12° 0	27°19	27°41	1°41	4°30	3°55	5°11	24°12	n.a.	S 7
M 8	14 20 21	5°33'54	2♑37	14° 4	11°18	29°32	12°11	27°27	27°43	1°41	4°30	3°56	5° 8	24°19	n.a.	M 8
T 9	14 24 17	6°31'00	16°53	14°41	12°31	0♋ 7	12°22	27°35	27°45	1°40	4°29	3°58	5° 4	24°25	n.a.	T 9
W10	14 28 14	7°28'07	1♒ 8	15°22	13°43	0°43	12°33	27°43	27°46	1°40	4°29	3°R59	5° 1	24°32	n.a.	W10
T 11	14 32 11	8°25'13	15°20	16° 8	14°56	1°18	12°44	27°51	27°48	1°39	4°28	3°59	4°58	24°39	n.a.	T 11
F 12	14 36 7	9°22'19	29°26	16°57	16° 8	1°53	12°55	27°59	27°49	1°39	4°27	3°58	4°55	24°46	n.a.	F 12
S 13	14 40 4	10°19'25	13♓24	17°51	17°21	2°29	13° 6	28° 7	27°51	1°39	4°27	3°55	4°52	24°52	n.a.	S 13
S 14	14 44 0	11°16'31	27°12	18°49	18°33	3° 4	13°16	28°14	27°52	1°38	4°26	3°53	4°49	24°59	n.a.	S 14
M15	14 47 57	12°13'37	10♈48	19°50	19°46	3°40	13°27	28°22	27°54	1°38	4°25	3°49	4°45	25° 6	n.a.	M15
T 16	14 51 53	13°10'43	24°11	20°55	20°58	4°16	13°37	28°30	27°55	1°38	4°25	3°46	4°42	25°12	n.a.	T 16
W17	14 55 50	14° 7'49	7♉19	22° 4	22°11	4°51	13°48	28°38	27°57	1°37	4°24	3°44	4°39	25°19	n.a.	W17
T 18	14 59 47	15° 4'54	20°12	23°17	23°24	5°27	13°58	28°45	27°58	1°37	4°23	3°43	4°36	25°26	n.a.	T 18
F 19	15 3 43	16° 2'00	2♊49	24°33	24°36	6° 3	14° 8	28°53	27°59	1°37	4°22	3°D42	4°33	25°32	n.a.	F 19
S 20	15 7 40	16°59'05	15°12	25°53	25°49	6°39	14°18	29° 1	28° 0	1°37	4°21	3°43	4°30	25°39	n.a.	S 20
S 21	15 11 36	17°56'10	27°22	27°17	27° 2	7°15	14°28	29° 8	28° 2	1°37	4°21	3°44	4°26	25°46	n.a.	S 21
M22	15 15 33	18°53'15	9♋22	28°44	28°15	7°51	14°38	29°16	28° 3	1°37	4°20	3°45	4°23	25°52	n.a.	M22
T 23	15 19 29	19°50'20	21°15	0♌14	29°27	8°27	14°47	29°24	28° 4	1°37	4°19	3°46	4°20	25°59	n.a.	T 23
W24	15 23 26	20°47'24	3♌ 6	1°48	0♌40	9° 3	14°57	29°31	28° 5	1°D36	4°18	3°47	4°17	26° 6	n.a.	W24
T 25	15 27 22	21°44'29	14°59	3°25	1°53	9°39	15° 6	29°39	28° 6	1°36	4°17	3°48	4°14	26°13	n.a.	T 25
F 26	15 31 19	22°41'33	26°59	5° 6	3° 6	10°15	15°15	29°46	28° 7	1°37	4°16	3°R48	4°10	26°19	n.a.	F 26
S 27	15 35 16	23°38'37	9♍10	6°49	4°19	10°52	15°25	29°54	28° 8	1°37	4°15	3°47	4° 7	26°26	n.a.	S 27
S 28	15 39 12	24°35'41	21°36	8°36	5°32	11°28	15°34	0♌ 1	28° 9	1°37	4°14	3°47	4° 4	26°33	n.a.	S 28
M29	15 43 9	25°32'45	4♎22	10°26	6°44	12° 4	15°43	0° 9	28° 9	1°37	4°13	3°46	4° 1	26°39	n.a.	M29
T 30	15 47 5	26°29'48	17°29	12°19	7°57	12°41	15°51	0°16	28°10	1°37	4°12	3°45	3°58	26°46	n.a.	T 30
W31	15 51 2	27♌26'52	0♏59	14♌14	9♌10	13♋17	16♓ 0	0♌24	28♒11	1♍37	4♑11	3♊44	3♊55	26♋53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11n16	5n52	4n48	1n39	3s22	0s20	1s38	25n20	1n34	8s50	1s19	8n32	2s 0	13s16	0s46	12n39	1n45	31s26	7s41	21n20	21n35	25n31			n.a.
T 2	11 36	0 7	4 14	1 36	3 28	0n10	1 37	25 20	1 34	8 45	1 19	8 35	2 0	13 15	0 46	12 39	1 45	31 26	7 41	21 19	21 34	25 30			n.a.
W 3	11 57	5s47	3 26	1 36	3 32	0 40	1 37	25 21	1 33	8 41	1 19	8 38	2 0	13 14	0 46	12 40	1 45	31 27	7 41	21 18	21 33	25 30			n.a.
T 4	12 17	11 34	2 25	1 39	3 35	1 9	1 36	25 21	1 33	8 37	1 19	8 41	2 0	13 14	0 46	12 40	1 45	31 27	7 42	21 17	21 33	25 29			n.a.
F 5	12 37	16 53	1 15	1 44	3 38	1 39	1 35	25 22	1 33	8 32	1 19	8 44	2 0	13 13	0 46	12 40	1 45	31 27	7 42	21 17	21 32	25 29			n.a.
S 6	12 57	21 22	0s 2	1 53	3 39	2 9	1 34	25 22	1 32	8 28	1 19	8 47	2 0	13 13	0 46	12 40	1 45	31 27	7 42	21 17	21 32	25 28			n.a.
S 7	13 16	24 37	1 18	2 3	3 39	2 39	1 33	25 22	1 32	8 24	1 20	8 50	2 0	13 12	0 46	12 40	1 44	31 28	7 42	21 17	21 31	25 27			n.a.
M 8	13 36	26 19	2 31	2 17	3 39	3 8	1 32	25 22	1 32	8 20	1 20	8 53	2 0	13 11	0 46	12 41	1 44	31 28	7 43	21 17	21 31	25 27			n.a.
T 9	13 55	26 17	3 34	2 33	3 37	3 38	1 31	25 21	1 31	8 16	1 20	8 55	2 0	13 11	0 46	12 41	1 44	31 28	7 43	21 17	21 30	25 26			n.a.
W10	14 14	24 31	4 24	2 51	3 35	4 8	1 29	25 21	1 31	8 11	1 20	8 58	2 0	13 10	0 46	12 41	1 44	31 28	7 43	21 18	21 29	25 25			n.a.
T 11	14 33	21 14	4 58	3 12	3 31	4 37	1 28	25 20	1 30	8 7	1 20	9 1	2 0	13 10	0 47	12 41	1 44	31 29	7 43	21 18	21 29	25 25			n.a.
F 12	14 51	16 44	5 13	3 35	3 27	5 7	1 27	25 19	1 30	8 3	1 21	9 4	2 0	13 9	0 47	12 41	1 44	31 29	7 44	21 17	21 28	25 24			n.a.
S 13	15 10	11 23	5 10	4 0	3 22	5 36	1 25	25 18	1 30	7 59	1 21	9 7	2 0	13 9	0 47	12 41	1 44	31 29	7 44	21 17	21 28	25 23			n.a.
S 14	15 28	5 32	4 48	4 28	3 17	6 6	1 24	25 17	1 29	7 55	1 21	9 10	2 0	13 8	0 47	12 41	1 44	31 30	7 44	21 16	21 27	25 23			n.a.
M15	15 46	0n30	4 11	4 57	3 10	6 35	1 23	25 16	1 29	7 51	1 21	9 12	2 0	13 8	0 47	12 41	1 44	31 30	7 44	21 16	21 26	25 22			n.a.
T 16	16 3	6 26	3 21	5 28	3 3	7 4	1 21	25 14	1 28	7 48	1 21	9 15	2 0	13 7	0 47	12 41	1 44	31 30	7 45	21 15	21 26	25 21			n.a.
W17	16 21	11 59	2 20	6 1	2 56	7 33	1 19	25 13	1 28	7 44	1 22	9 18	2 0	13 7	0 47	12 41	1 44	31 30	7 45	21 15	21 25	25 20			n.a.
T 18	16 38	16 54	1 14	6 36	2 48	8 2	1 18	25 11	1 28	7 40	1 22	9 21	2 0	13 6	0 47	12 41	1 44	31 31	7 45	21 15	21 25	25 20			n.a.
F 19	16 55	20 59	0 5	7 13	2 39	8 31	1 16	25 9	1 27	7 36	1 22	9 24	2 0	13 6	0 47	12 41	1 44	31 31	7 45	21 15	21 24	25 19			n.a.
S 20	17 11	24 3	1n 3	7 51	2 29	8 59	1 14	25 7	1 27	7 32	1 22	9 26	2 0	13 6	0 47	12 41	1 44	31 31	7 46	21 15	21 23	25 18			n.a.
S 21	17 28	25 56	2 7	8 30	2 20	9 27	1 13	25 4	1 26	7 29	1 23	9 29	2 0	13 5	0 47	12 41	1 44	31 31	7 46	21 15	21 23	25 17			n.a.
M22	17 44	26 34	3 5	9 11	2 10	9 56	1 11	25 2	1 26	7 25	1 23	9 32	2 0	13 5	0 47	12 41	1 44	31 32	7 46	21 15	21 22	25 17			n.a.
T 23	17 59	25 58	3 54	9 53	1 59	10 23	1 9	24 59	1 25	7 22	1 23	9 34	2 0	13 5	0 47	12 41	1 44	31 32	7 46	21 15	21 22	25 16			n.a.
W24	18 15	24 12	4 32	10 36	1 48	10 51	1 7	24 56	1 25	7 18	1 23	9 37	2 0	13 4	0 47	12 41	1 44	31 32	7 46	21 15	21 21	25 15			n.a.
T 25	18 30	21 22	5 0	11 21	1 37	11 19	1 5	24 53	1 25	7 15	1 23	9 40	2 0	13 4	0 47	12 41	1 44	31 32	7 47	21 16	21 20	25 14			n.a.
F 26	18 45	17 38	5 14	12 6	1 25	11 46	1 3	24 50	1 24	7 11	1 24	9 42	2 0	13 4	0 47	12 41	1 44	31 33	7 47	21 16	21 20	25 14			n.a.
S 27	19 0	13 7	5 15	12 51	1 14	12 13	1 1	24 47	1 24	7 8	1 24	9 45	2 0	13 3	0 47	12 41	1 44	31 33	7 47	21 15	21 19	25 13			n.a.
S 28	19 14	7 59	5 1	13 38	1 2	12 39	0 59	24 43	1 23	7 4	1 24	9 48	2 0	13 3	0 47	12 41	1 43	31 33	7 47	21 15	21 19	25 12			n.a.
M29	19 28	2 24	4 33	14 24	0 50	13 6	0 57	24 39	1 23	7 1	1 24	9 50	2 0	13 3	0 47	12 41	1 43	31 33	7 48	21 15	21 18	25 11			n.a.
T 30	19 42	3s27	3 49	15 11	0 38	13 32	0 55	24 35	1 23	6 58	1 25	9 53	2 0	13 3	0 47	12 41	1 43	31 34	7 48	21 15	21 17	25 10			n.a.
W31	19n55	9s20	2n52	15n57	0s27	13n58	0s52	24n31	1n22	6s55	1s25	9n56	2s 0	13s 2	0s47	12n41	1n43	31s34	7s48	21n15	21n17	25n 9			n.a.

Julian Day Number = 1290183.5, Delta T = 07h59m57s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'19, Lahiri = -20°15'19 Julian Calendar 1 May 1181 BCE == Greg. Calendar 20 Apr. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

JUNE 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 58	28♉23'57	14♏51	16♉12	10♉23	13♋54	16♓ 9	0♉31	28♒11	1♍37	4°R10	3°R43	3♊51	26♋59	n.a.	T 1
F 2	15 58 55	29°21'01	29° 2	18°12	11°36	14°30	16°17	0°38	28°12	1°38	4♑ 9	3°D43	3°48	27° 6	n.a.	F 2
S 3	16 2 52	0♊18'06	13♐29	20°14	12°49	15° 7	16°25	0°46	28°13	1°38	4° 8	3♊43	3°45	27°13	n.a.	S 3
S 4	16 6 48	1°15'11	28° 6	22°18	14° 3	15°44	16°33	0°53	28°13	1°38	4° 7	3°43	3°42	27°20	n.a.	S 4
M 5	16 10 45	2°12'18	12♑47	24°23	15°16	16°20	16°41	1° 0	28°14	1°39	4° 6	3°44	3°39	27°26	n.a.	M 5
T 6	16 14 41	3° 9'24	27°25	26°30	16°29	16°57	16°49	1° 7	28°14	1°39	4° 5	3°44	3°36	27°33	n.a.	T 6
W 7	16 18 38	4° 6'32	11♒55	28°37	17°42	17°34	16°57	1°14	28°14	1°40	4° 4	3°R44	3°32	27°40	n.a.	W 7
T 8	16 22 34	5° 3'40	26°13	0♊45	18°55	18°11	17° 5	1°21	28°15	1°40	4° 3	3°44	3°29	27°46	n.a.	T 8
F 9	16 26 31	6° 0'49	10♓16	2°54	20° 8	18°48	17°12	1°28	28°15	1°40	4° 1	3°D44	3°26	27°53	n.a.	F 9
S 10	16 30 27	6°57'59	24° 4	5° 2	21°22	19°25	17°19	1°35	28°15	1°41	4° 0	3°44	3°23	28° 0	n.a.	S 10
S 11	16 34 24	7°55'10	7♈34	7°10	22°35	20° 2	17°27	1°42	28°15	1°42	3°59	3°44	3°20	28° 6	n.a.	S 11
M12	16 38 21	8°52'22	20°49	9°17	23°48	20°39	17°34	1°49	28°15	1°42	3°58	3°44	3°16	28°13	n.a.	M12
T 13	16 42 17	9°49'35	3♉49	11°24	25° 2	21°16	17°40	1°56	28°16	1°43	3°57	3°45	3°13	28°20	n.a.	T 13
W14	16 46 14	10°46'48	16°35	13°30	26°15	21°53	17°47	2° 3	28°R16	1°43	3°56	3°45	3°10	28°27	n.a.	W14
T 15	16 50 10	11°44'03	29° 8	15°35	27°29	22°31	17°54	2°10	28°16	1°44	3°54	3°R46	3° 7	28°33	n.a.	T 15
F 16	16 54 7	12°41'18	11♊29	17°38	28°42	23° 8	18° 0	2°16	28°15	1°45	3°53	3°46	3° 4	28°40	n.a.	F 16
S 17	16 58 3	13°38'35	23°40	19°40	29°56	23°46	18° 6	2°23	28°15	1°45	3°52	3°45	3° 1	28°47	n.a.	S 17
S 18	17 2 0	14°35'52	5♋43	21°41	1♊ 9	24°23	18°12	2°30	28°15	1°46	3°51	3°44	2°57	28°53	n.a.	S 18
M19	17 5 57	15°33'10	17°39	23°41	2°23	25° 0	18°18	2°36	28°15	1°47	3°49	3°43	2°54	29° 0	n.a.	M19
T 20	17 9 53	16°30'29	29°30	25°39	3°36	25°38	18°24	2°43	28°15	1°48	3°48	3°41	2°51	29° 7	n.a.	T 20
W21	17 13 50	17°27'49	11♌21	27°35	4°50	26°16	18°30	2°49	28°14	1°49	3°47	3°39	2°48	29°13	n.a.	W21
T 22	17 17 46	18°25'09	23°13	29°30	6° 3	26°53	18°35	2°56	28°14	1°50	3°45	3°37	2°45	29°20	n.a.	T 22
F 23	17 21 43	19°22'30	5♍12	1♋23	7°17	27°31	18°40	3° 2	28°14	1°51	3°44	3°36	2°41	29°27	n.a.	F 23
S 24	17 25 39	20°19'52	17°21	3°14	8°31	28° 9	18°45	3° 8	28°13	1°52	3°43	3°D35	2°38	29°34	n.a.	S 24
S 25	17 29 36	21°17'15	29°44	5° 4	9°44	28°47	18°50	3°14	28°13	1°52	3°42	3°36	2°35	29°40	n.a.	S 25
M26	17 33 32	22°14'39	12♎26	6°53	10°58	29°24	18°55	3°21	28°12	1°53	3°40	3°36	2°32	29°47	n.a.	M26
T 27	17 37 29	23°12'03	25°32	8°39	12°12	0♌ 2	19° 0	3°27	28°12	1°55	3°39	3°38	2°29	29°54	n.a.	T 27
W28	17 41 26	24° 9'28	9♏ 2	10°25	13°26	0°40	19° 4	3°33	28°11	1°56	3°38	3°39	2°26	0♌ 0	n.a.	W28
T 29	17 45 22	25° 6'55	22°59	12° 8	14°39	1°18	19° 8	3°39	28°10	1°57	3°36	3°40	2°22	0° 7	n.a.	T 29
F 30	17 49 19	26♊ 4'23	7♐20	13♋50	15♊53	1♌56	19♓12	3♉44	28♒ 9	1♍58	3♑35	3°R40	2♊19	0♌14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 8	14s55	1n43	16n43	0s15	14n23	0s50	24n27	1n22	6s51	1s25	9n58	2s 0	13s 2	0s47	12n41	1n43	31s34	7s48	21n15	21n16	25n 9		n.a.
F 2	20 21	19 51	0 26	17 29	0 3	14 48	0 48	24 23	1 21	6 48	1 25	10 1	2 0	13 2	0 47	12 40	1 43	31 34	7 48	21 15	21 16	25 8		n.a.
S 3	20 33	23 41	0s54	18 13	0n 8	15 13	0 46	24 18	1 21	6 45	1 26	10 3	2 0	13 2	0 47	12 40	1 43	31 34	7 49	21 15	21 15	25 7		n.a.
S 4	20 45	26 1	2 11	18 57	0 19	15 38	0 43	24 13	1 20	6 42	1 26	10 6	2 0	13 2	0 47	12 40	1 43	31 35	7 49	21 15	21 14	25 6		n.a.
M 5	20 57	26 32	3 20	19 39	0 29	16 2	0 41	24 8	1 20	6 39	1 26	10 8	2 0	13 2	0 47	12 40	1 43	31 35	7 49	21 15	21 14	25 5		n.a.
T 6	21 8	25 12	4 16	20 20	0 39	16 25	0 39	24 3	1 20	6 36	1 26	10 11	2 0	13 2	0 48	12 40	1 43	31 35	7 49	21 15	21 13	25 4		n.a.
W 7	21 19	22 12	4 55	20 58	0 49	16 48	0 37	23 58	1 19	6 34	1 27	10 13	2 1	13 1	0 48	12 40	1 43	31 35	7 49	21 15	21 13	25 4		n.a.
T 8	21 30	17 54	5 14	21 35	0 57	17 11	0 34	23 53	1 19	6 31	1 27	10 15	2 1	13 1	0 48	12 39	1 43	31 36	7 49	21 15	21 12	25 3		n.a.
F 9	21 40	12 41	5 15	22 9	1 6	17 34	0 32	23 47	1 18	6 28	1 27	10 18	2 1	13 1	0 48	12 39	1 43	31 36	7 50	21 15	21 11	25 2		n.a.
S 10	21 50	6 56	4 57	22 41	1 13	17 56	0 29	23 41	1 18	6 26	1 27	10 20	2 1	13 1	0 48	12 39	1 43	31 36	7 50	21 15	21 11	25 1		n.a.
S 11	22 0	0 58	4 24	23 11	1 20	18 17	0 27	23 35	1 17	6 23	1 28	10 23	2 1	13 1	0 48	12 39	1 43	31 36	7 50	21 15	21 10	25 0		n.a.
M12	22 9	4n56	3 36	23 38	1 26	18 38	0 25	23 29	1 17	6 20	1 28	10 25	2 1	13 1	0 48	12 38	1 43	31 36	7 50	21 15	21 10	24 59		n.a.
T 13	22 18	10 31	2 38	24 2	1 32	18 59	0 22	23 23	1 17	6 18	1 28	10 27	2 1	13 1	0 48	12 38	1 43	31 37	7 50	21 15	21 9	24 58		n.a.
W14	22 26	15 34	1 34	24 24	1 37	19 19	0 20	23 16	1 16	6 16	1 28	10 30	2 1	13 1	0 48	12 38	1 43	31 37	7 50	21 15	21 8	24 57		n.a.
T 15	22 34	19 53	0 26	24 43	1 41	19 39	0 17	23 10	1 16	6 13	1 29	10 32	2 1	13 1	0 48	12 38	1 43	31 37	7 51	21 15	21 8	24 56		n.a.
F 16	22 42	23 14	0n43	24 59	1 44	19 58	0 15	23 3	1 15	6 11	1 29	10 34	2 1	13 1	0 48	12 37	1 43	31 37	7 51	21 15	21 7	24 55		n.a.
S 17	22 49	25 29	1 48	25 12	1 47	20 16	0 12	22 56	1 15	6 9	1 29	10 36	2 1	13 1	0 48	12 37	1 42	31 37	7 51	21 15	21 6	24 54		n.a.
S 18	22 56	26 30	2 48	25 23	1 49	20 34	0 10	22 49	1 14	6 6	1 30	10 39	2 1	13 2	0 48	12 37	1 42	31 38	7 51	21 15	21 6	24 53		n.a.
M19	23 2	26 17	3 40	25 31	1 51	20 52	0 7	22 42	1 14	6 4	1 30	10 41	2 1	13 2	0 48	12 36	1 42	31 38	7 51	21 15	21 5	24 53		n.a.
T 20	23 8	24 51	4 22	25 37	1 51	21 9	0 5	22 34	1 13	6 2	1 30	10 43	2 2	13 2	0 48	12 36	1 42	31 38	7 51	21 14	21 5	24 52		n.a.
W21	23 14	22 20	4 52	25 40	1 51	21 25	0 2	22 27	1 13	6 0	1 30	10 45	2 2	13 2	0 48	12 36	1 42	31 38	7 51	21 14	21 4	24 51		n.a.
T 22	23 19	18 52	5 11	25 41	1 51	21 41	0n 0	22 19	1 13	5 58	1 31	10 47	2 2	13 2	0 48	12 35	1 42	31 38	7 52	21 14	21 3	24 50		n.a.
F 23	23 24	14 38	5 16	25 40	1 50	21 56	0 2	22 11	1 12	5 57	1 31	10 49	2 2	13 2	0 48	12 35	1 42	31 38	7 52	21 13	21 3	24 49		n.a.
S 24	23 29	9 46	5 7	25 36	1 48	22 10	0 5	22 3	1 12	5 55	1 31	10 51	2 2	13 2	0 48	12 34	1 42	31 39	7 52	21 13	21 2	24 48		n.a.
S 25	23 33	4 26	4 44	25 30	1 46	22 24	0 7	21 54	1 11	5 53	1 32	10 53	2 2	13 3	0 48	12 34	1 42	31 39	7 52	21 13	21 1	24 47		n.a.
M26	23 36	1s14	4 6	25 22	1 43	22 37	0 10	21 46	1 11	5 52	1 32	10 55	2 2	13 3	0 48	12 34	1 42	31 39	7 52	21 13	21 1	24 46		n.a.
T 27	23 39	7 0	3 15	25 13	1 40	22 50	0 12	21 37	1 10	5 50	1 32	10 57	2 2	13 3	0 48	12 33	1 42	31 39	7 52	21 14	21 0	24 45		n.a.
W28	23 42	12 40	2 12	25 1	1 37	23 2	0 15	21 28	1 10	5 49	1 32	10 59	2 2	13 3	0 48	12 33	1 42	31 39	7 52	21 14	20 59	24 44		n.a.
T 29	23 45	17 53	0 59	24 48	1 32	23 13	0 17	21 20	1 9	5 47	1 33	11 1	2 2	13 4	0 48	12 32	1 42	31 39	7 52	21 14	20 59	24 43		n.a.
F 30	23n47	22s14	0s20	24n34	1n28	23n24	0n19	21n10	1n 9	5s46	1s33	11n 3	2s 3	13s 4	0s48	12n32	1n42	31s39	7s52	21n14	20n58	24n42		n.a.

Julian Day Number = 1290214.5, Delta T = 07h59m55s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'15, Lahiri = -20°15'15 Julian Calendar 1 June 1181 BCE == Greg. Calendar 21 May 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

JULY 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 15	27♊ 1'51	22♐ 4	15♋30	17♊ 7	2♌34	19♓16	3♉50	28°R 9	1♍59	3°R34	3°R40	2♊16	0♌20	n.a.	S 1
S 2	17 57 12	27°59'21	7♑ 1	17° 9	18°21	3°13	19°20	3°56	28♒ 8	2° 0	3♑32	3♊38	2°13	0°27	n.a.	S 2
M 3	18 1 8	28°56'53	22° 6	18°47	19°35	3°51	19°23	4° 2	28° 7	2° 1	3°31	3°35	2°10	0°34	n.a.	M 3
T 4	18 5 5	29°54'26	7♒ 7	20°22	20°49	4°29	19°27	4° 7	28° 6	2° 3	3°30	3°31	2° 7	0°41	n.a.	T 4
W 5	18 9 2	0♋52'00	21°58	21°56	22° 3	5° 7	19°30	4°13	28° 5	2° 4	3°28	3°28	2° 3	0°47	n.a.	W 5
T 6	18 12 58	1°49'36	6♓30	23°29	23°17	5°46	19°33	4°18	28° 4	2° 5	3°27	3°25	2° 0	0°54	n.a.	T 6
F 7	18 16 55	2°47'14	20°40	25° 0	24°31	6°24	19°36	4°24	28° 3	2° 6	3°25	3°23	1°57	1° 1	n.a.	F 7
S 8	18 20 51	3°44'54	4♈26	26°30	25°45	7° 3	19°38	4°29	28° 2	2° 8	3°24	3°D23	1°54	1° 7	n.a.	S 8
S 9	18 24 48	4°42'35	17°50	27°58	26°59	7°41	19°41	4°34	28° 1	2° 9	3°23	3°23	1°51	1°14	n.a.	S 9
M10	18 28 44	5°40'18	0♉52	29°24	28°13	8°20	19°43	4°40	28° 0	2°11	3°21	3°25	1°47	1°21	n.a.	M10
T 11	18 32 41	6°38'03	13°36	0♌49	29°28	8°58	19°45	4°45	27°59	2°12	3°20	3°26	1°44	1°27	n.a.	T 11
W12	18 36 37	7°35'50	26° 5	2°12	0♋42	9°37	19°47	4°50	27°57	2°13	3°19	3°27	1°41	1°34	n.a.	W12
T 13	18 40 34	8°33'38	8♊22	3°33	1°56	10°16	19°48	4°55	27°56	2°15	3°17	3°R27	1°38	1°41	n.a.	T 13
F 14	18 44 31	9°31'29	20°29	4°53	3°10	10°55	19°50	5° 0	27°55	2°16	3°16	3°26	1°35	1°48	n.a.	F 14
S 15	18 48 27	10°29'21	2♋30	6°11	4°25	11°34	19°51	5° 4	27°53	2°18	3°15	3°23	1°32	1°54	n.a.	S 15
S 16	18 52 24	11°27'14	14°26	7°27	5°39	12°13	19°52	5° 9	27°52	2°20	3°13	3°18	1°28	2° 1	n.a.	S 16
M17	18 56 20	12°25'10	26°18	8°41	6°53	12°52	19°53	5°14	27°50	2°21	3°12	3°11	1°25	2° 8	n.a.	M17
T 18	19 0 17	13°23'07	8♌ 8	9°54	8° 8	13°31	19°53	5°18	27°49	2°23	3°11	3° 4	1°22	2°14	n.a.	T 18
W19	19 4 13	14°21'06	19°59	11° 4	9°22	14°10	19°54	5°23	27°47	2°24	3° 9	2°56	1°19	2°21	n.a.	W19
T 20	19 8 10	15°19'06	1♍53	12°12	10°36	14°49	19°54	5°27	27°46	2°26	3° 8	2°49	1°16	2°28	n.a.	T 20
F 21	19 12 6	16°17'08	13°52	13°18	11°51	15°28	19°R54	5°31	27°44	2°28	3° 7	2°43	1°13	2°35	n.a.	F 21
S 22	19 16 3	17°15'11	26° 0	14°22	13° 5	16° 7	19°54	5°35	27°42	2°29	3° 5	2°39	1° 9	2°41	n.a.	S 22
S 23	19 19 59	18°13'16	8♎21	15°23	14°20	16°47	19°54	5°40	27°41	2°31	3° 4	2°37	1° 6	2°48	n.a.	S 23
M24	19 23 56	19°11'22	20°59	16°22	15°34	17°26	19°53	5°44	27°39	2°33	3° 3	2°D36	1° 3	2°55	n.a.	M24
T 25	19 27 53	20° 9'30	3♏57	17°18	16°49	18° 5	19°52	5°48	27°37	2°34	3° 2	2°37	1° 0	3° 1	n.a.	T 25
W26	19 31 49	21° 7'40	17°21	18°11	18° 3	18°45	19°51	5°51	27°36	2°36	3° 0	2°38	0°57	3° 8	n.a.	W26
T 27	19 35 46	22° 5'51	1♐12	19° 1	19°18	19°24	19°50	5°55	27°34	2°38	2°59	2°R39	0°53	3°15	n.a.	T 27
F 28	19 39 42	23° 4'04	15°31	19°48	20°33	20° 4	19°49	5°59	27°32	2°40	2°58	2°38	0°50	3°22	n.a.	F 28
S 29	19 43 39	24° 2'19	0♑15	20°31	21°47	20°43	19°47	6° 2	27°30	2°42	2°57	2°35	0°47	3°28	n.a.	S 29
S 30	19 47 35	25° 0'36	15°21	21°10	23° 2	21°23	19°45	6° 6	27°28	2°43	2°55	2°31	0°44	3°35	n.a.	S 30
M31	19 51 32	25♋58'54	0♒38	21♌46	24♋17	22♌ 3	19♓43	6♉ 9	27♒26	2♍45	2♑54	2♊24	0♊41	3♌42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n48	25s15	1s39	24n17	1n23	23n34	0n22	21n 1	1n 8	5s45	1s33	11n 5	2s 3	13s 4	0s49	12n31	1n42	31s40	7s52	21n14	20n58	24n40		n.a.	S 1
S 2	23 49	26 32	2 53	24 0	1 18	23 43	0 24	20 52	1 8	5 43	1 34	11 7	2 3	13 5	0 49	12 31	1 42	31 40	7 53	21 14	20 57	24 39		n.a.	S 2
M 3	23 50	25 51	3 55	23 41	1 12	23 51	0 26	20 42	1 7	5 42	1 34	11 9	2 3	13 5	0 49	12 30	1 42	31 40	7 53	21 13	20 56	24 38		n.a.	M 3
T 4	23 50	23 19	4 41	23 21	1 6	23 59	0 28	20 32	1 7	5 41	1 34	11 11	2 3	13 5	0 49	12 30	1 42	31 40	7 53	21 12	20 56	24 37		n.a.	T 4
W 5	23 50	19 15	5 7	23 0	1 0	24 6	0 31	20 23	1 6	5 40	1 35	11 12	2 3	13 6	0 49	12 29	1 42	31 40	7 53	21 12	20 55	24 36		n.a.	W 5
T 6	23 49	14 6	5 13	22 37	0 53	24 13	0 33	20 12	1 6	5 39	1 35	11 14	2 3	13 6	0 49	12 29	1 42	31 40	7 53	21 11	20 54	24 35		n.a.	T 6
F 7	23 48	8 20	4 59	22 14	0 46	24 18	0 35	20 2	1 6	5 38	1 35	11 16	2 3	13 6	0 49	12 28	1 42	31 40	7 53	21 11	20 54	24 34		n.a.	F 7
S 8	23 47	2 18	4 29	21 50	0 38	24 23	0 37	19 52	1 5	5 38	1 36	11 18	2 4	13 7	0 49	12 28	1 42	31 40	7 53	21 11	20 53	24 33		n.a.	S 8
S 9	23 45	3n40	3 44	21 25	0 31	24 27	0 39	19 41	1 5	5 37	1 36	11 19	2 4	13 7	0 49	12 27	1 41	31 40	7 53	21 11	20 52	24 32		n.a.	S 9
M10	23 43	9 20	2 49	20 59	0 23	24 31	0 41	19 31	1 4	5 36	1 36	11 21	2 4	13 8	0 49	12 27	1 41	31 41	7 53	21 11	20 52	24 31		n.a.	M10
T 11	23 40	14 29	1 46	20 33	0 15	24 34	0 43	19 20	1 4	5 36	1 36	11 22	2 4	13 8	0 49	12 26	1 41	31 41	7 53	21 11	20 51	24 30		n.a.	T 11
W12	23 37	18 57	0 40	20 6	0 7	24 36	0 45	19 9	1 3	5 35	1 37	11 24	2 4	13 9	0 49	12 26	1 41	31 41	7 53	21 12	20 50	24 29		n.a.	W12
T 13	23 33	22 30	0n27	19 39	0s 2	24 37	0 47	18 58	1 3	5 35	1 37	11 26	2 4	13 9	0 49	12 25	1 41	31 41	7 53	21 12	20 50	24 27		n.a.	T 13
F 14	23 29	25 1	1 31	19 11	0 11	24 37	0 49	18 47	1 2	5 35	1 37	11 27	2 4	13 10	0 49	12 25	1 41	31 41	7 53	21 11	20 49	24 26		n.a.	F 14
S 15	23 25	26 20	2 31	18 43	0 20	24 37	0 51	18 35	1 2	5 35	1 38	11 29	2 4	13 10	0 49	12 24	1 41	31 41	7 53	21 11	20 48	24 25		n.a.	S 15
S 16	23 20	26 25	3 24	18 15	0 29	24 36	0 53	18 24	1 1	5 34	1 38	11 30	2 5	13 11	0 49	12 23	1 41	31 41	7 53	21 10	20 48	24 24		n.a.	S 16
M17	23 15	25 17	4 8	17 46	0 38	24 34	0 55	18 12	1 1	5 34	1 38	11 31	2 5	13 11	0 49	12 23	1 41	31 41	7 54	21 9	20 47	24 23		n.a.	M17
T 18	23 9	23 2	4 40	17 18	0 48	24 32	0 57	18 0	1 0	5 34	1 39	11 33	2 5	13 12	0 49	12 22	1 41	31 41	7 54	21 7	20 47	24 22		n.a.	T 18
W19	23 3	19 48	5 1	16 49	0 57	24 28	0 58	17 48	1 0	5 35	1 39	11 34	2 5	13 12	0 49	12 21	1 41	31 41	7 54	21 6	20 46	24 21		n.a.	W19
T 20	22 56	15 46	5 8	16 21	1 7	24 24	1 0	17 36	0 59	5 35	1 39	11 35	2 5	13 13	0 49	12 21	1 41	31 41	7 54	21 4	20 45	24 19		n.a.	T 20
F 21	22 49	11 5	5 3	15 53	1 17	24 19	1 2	17 24	0 59	5 35	1 39	11 37	2 5	13 14	0 49	12 20	1 41	31 41	7 54	21 3	20 45	24 18		n.a.	F 21
S 22	22 42	5 56	4 44	15 25	1 26	24 14	1 3	17 11	0 58	5 35	1 40	11 38	2 6	13 14	0 49	12 20	1 41	31 41	7 54	21 2	20 44	24 17		n.a.	S 22
S 23	22 34	0 28	4 11	14 57	1 36	24 8	1 5	16 59	0 58	5 36	1 40	11 39	2 6	13 15	0 49	12 19	1 41	31 41	7 54	21 2	20 43	24 16		n.a.	S 23
M24	22 26	5s 9	3 25	14 30	1 46	24 0	1 6	16 46	0 57	5 36	1 40	11 40	2 6	13 15	0 49	12 18	1 41	31 42	7 54	21 2	20 43	24 15		n.a.	M24
T 25	22 18	10 43	2 28	14 4	1 56	23 53	1 8	16 34	0 57	5 37	1 41	11 42	2 6	13 16	0 49	12 18	1 41	31 42	7 54	21 2	20 42	24 13		n.a.	T 25
W26	22 9	15 59	1 22	13 38	2 6	23 44	1 9	16 21	0 56	5 38	1 41	11 43	2 6	13 17	0 49	12 17	1 41	31 42	7 54	21 2	20 41	24 12		n.a.	W26
T 27	21 59	20 37	0 8	13 13	2 16	23 35	1 10	16 8	0 56	5 38	1 41	11 44	2 6	13 17	0 49	12 16	1 41	31 42	7 54	21 2	20 41	24 11		n.a.	T 27
F 28	21 50	24 10	1s 9	12 49	2 26	23 25	1 12	15 54	0 55	5 39	1 42	11 45	2 7	13 18	0 49	12 16	1 41	31 42	7 54	21 2	20 40	24 10		n.a.	F 28
S 29	21 39	26 13	2 23	12 26	2 36	23 14	1 13	15 41	0 55	5 40	1 42	11 46	2 7	13 19	0 49	12 15	1 41	31 42	7 54	21 1	20 39	24 8		n.a.	S 29
S 30	21 29	26 23	3 28	12 4	2 45	23 3	1 14	15 28	0 54	5 41	1 42	11 47	2 7	13 19	0 49	12 14	1 41	31 42	7 54	21 0	20 39	24 7		n.a.	S 30
M31	21n18	24s35	4s20	11n44	2s55	22n51	1n15	15n14	0n54	5s42	1s42	11n48	2s 7	13s20	0s49	12n13	1n41	31s42	7s54	20n59	20n38	24n 6		n.a.	M31

Julian Day Number = 1290244.5, Delta T = 07h59m54s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'11, Lahiri = -20°15'10 Julian Calendar 1 July 1181 BCE == Greg. Calendar 20 June 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

AUGUST 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 55 28	26♋57'15	15♒55	22♌17	25♋31	22♌43	19°R41	6♉12	27°R24	2♍47	2°R53	2°R16	0♊38	3♌48	n.a.	T 1
W 2	19 59 25	27°55'37	1♓ 3	22°44	26°46	23°22	19♓39	6°15	27♒22	2°49	2♑52	2♊ 7	0°34	3°55	n.a.	W 2
T 3	20 3 22	28°54'02	15°51	23° 5	28° 1	24° 2	19°36	6°19	27°20	2°51	2°50	2° 0	0°31	4° 2	n.a.	T 3
F 4	20 7 18	29°52'29	0♈13	23°22	29°15	24°42	19°34	6°22	27°18	2°53	2°49	1°55	0°28	4° 8	n.a.	F 4
S 5	20 11 15	0♌50'58	14° 6	23°33	0♌30	25°22	19°31	6°24	27°16	2°55	2°48	1°51	0°25	4°15	n.a.	S 5
S 6	20 15 11	1°49'29	27°31	23°R38	1°45	26° 2	19°28	6°27	27°14	2°57	2°47	1°D50	0°22	4°22	n.a.	S 6
M 7	20 19 8	2°48'03	10♉31	23°37	3° 0	26°42	19°24	6°30	27°12	2°59	2°46	1°50	0°19	4°29	n.a.	M 7
T 8	20 23 4	3°46'39	23° 8	23°29	4°15	27°22	19°21	6°32	27°10	3° 1	2°45	1°51	0°15	4°35	n.a.	T 8
W 9	20 27 1	4°45'18	5♊28	23°15	5°30	28° 3	19°17	6°35	27° 7	3° 3	2°44	1°R51	0°12	4°42	n.a.	W 9
T 10	20 30 57	5°43'59	17°36	22°54	6°44	28°43	19°13	6°37	27° 5	3° 5	2°42	1°50	0° 9	4°49	n.a.	T 10
F 11	20 34 54	6°42'43	29°35	22°25	7°59	29°23	19° 9	6°39	27° 3	3° 7	2°41	1°46	0° 6	4°55	n.a.	F 11
S 12	20 38 51	7°41'28	11♋28	21°50	9°14	0♍ 4	19° 5	6°42	27° 1	3° 9	2°40	1°40	0° 3	5° 2	n.a.	S 12
S 13	20 42 47	8°40'16	23°19	21° 8	10°29	0°44	19° 1	6°44	26°59	3°11	2°39	1°31	29♉59	5° 9	n.a.	S 13
M14	20 46 44	9°39'06	5♌10	20°20	11°44	1°25	18°56	6°45	26°56	3°13	2°38	1°19	29°56	5°16	n.a.	M14
T 15	20 50 40	10°37'58	17° 2	19°26	12°59	2° 5	18°51	6°47	26°54	3°15	2°37	1° 6	29°53	5°22	n.a.	T 15
W16	20 54 37	11°36'53	28°57	18°27	14°14	2°46	18°46	6°49	26°52	3°17	2°36	0°53	29°50	5°29	n.a.	W16
T 17	20 58 33	12°35'49	10♍55	17°24	15°29	3°26	18°41	6°51	26°49	3°19	2°35	0°40	29°47	5°36	n.a.	T 17
F 18	21 2 30	13°34'47	23° 0	16°18	16°44	4° 7	18°36	6°52	26°47	3°22	2°34	0°30	29°44	5°42	n.a.	F 18
S 19	21 6 26	14°33'48	5♎12	15°11	17°59	4°48	18°30	6°53	26°45	3°24	2°33	0°21	29°40	5°49	n.a.	S 19
S 20	21 10 23	15°32'50	17°35	14° 5	19°14	5°29	18°25	6°55	26°42	3°26	2°32	0°15	29°37	5°56	n.a.	S 20
M21	21 14 19	16°31'54	0♏12	13° 1	20°29	6°10	18°19	6°56	26°40	3°28	2°32	0°12	29°34	6° 3	n.a.	M21
T 22	21 18 16	17°31'00	13° 6	12° 1	21°44	6°51	18°13	6°57	26°38	3°30	2°31	0°D11	29°31	6° 9	n.a.	T 22
W23	21 22 13	18°30'08	26°22	11° 7	22°59	7°32	18° 7	6°58	26°35	3°32	2°30	0°R11	29°28	6°16	n.a.	W23
T 24	21 26 9	19°29'19	10♐ 3	10°19	24°14	8°13	18° 1	6°59	26°33	3°35	2°29	0°11	29°25	6°23	n.a.	T 24
F 25	21 30 6	20°28'31	24°10	9°40	25°29	8°54	17°55	6°59	26°30	3°37	2°28	0° 9	29°21	6°29	n.a.	F 25
S 26	21 34 2	21°27'45	8♑43	9°11	26°44	9°35	17°48	7° 0	26°28	3°39	2°27	0° 5	29°18	6°36	n.a.	S 26
S 27	21 37 59	22°27'01	23°39	8°51	28° 0	10°16	17°42	7° 0	26°26	3°41	2°27	29♉59	29°15	6°43	n.a.	S 27
M28	21 41 55	23°26'18	8♒51	8°D42	29°15	10°57	17°35	7° 1	26°23	3°43	2°26	29°49	29°12	6°50	n.a.	M28
T 29	21 45 52	24°25'38	24° 9	8°43	0♍30	11°39	17°28	7° 1	26°21	3°46	2°25	29°38	29° 9	6°56	n.a.	T 29
W30	21 49 48	25°25'01	9♓22	8°55	1°45	12°20	17°21	7° 1	26°18	3°48	2°24	29°27	29° 5	7° 3	n.a.	W30
T 31	21 53 45	26♌24'25	24♓17	9♌18	3♍ 0	13♍ 1	17♓14	7°R 1	26♒16	3♍50	2♑24	29♉17	29♉ 2	7♌10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n 7	20s59	4s53	11n25	3s 4	22n38	1n16	15n 0	0n53	5s43	1s43	11n49	2s 7	13s21	0s49	12n13	1n41	31s42	7s54	20n57	20n37	24n 5			n.a.
W 2	20 55	16 1	5 5	11 8	3 13	22 25	1 17	14 47	0 53	5 44	1 43	11 50	2 7	13 22	0 49	12 12	1 41	31 42	7 54	20 56	20 37	24 3			n.a.
T 3	20 43	10 13	4 57	10 53	3 21	22 11	1 18	14 33	0 52	5 46	1 43	11 50	2 8	13 22	0 49	12 11	1 41	31 42	7 54	20 54	20 36	24 2			n.a.
F 4	20 31	4 1	4 29	10 40	3 29	21 56	1 19	14 19	0 51	5 47	1 44	11 51	2 8	13 23	0 50	12 11	1 41	31 42	7 53	20 53	20 35	24 1			n.a.
S 5	20 18	2n11	3 47	10 30	3 36	21 40	1 20	14 5	0 51	5 48	1 44	11 52	2 8	13 24	0 50	12 10	1 41	31 42	7 53	20 53	20 35	24 0			n.a.
S 6	20 5	8 5	2 53	10 22	3 43	21 24	1 21	13 50	0 50	5 50	1 44	11 53	2 8	13 24	0 50	12 9	1 41	31 42	7 53	20 52	20 34	23 58			n.a.
M 7	19 51	13 27	1 51	10 16	3 49	21 8	1 21	13 36	0 50	5 51	1 44	11 54	2 8	13 25	0 50	12 8	1 41	31 42	7 53	20 52	20 33	23 57			n.a.
T 8	19 38	18 7	0 46	10 14	3 54	20 50	1 22	13 21	0 49	5 53	1 45	11 54	2 8	13 26	0 50	12 8	1 41	31 42	7 53	20 52	20 32	23 56			n.a.
W 9	19 23	21 53	0n19	10 15	3 58	20 32	1 22	13 7	0 49	5 55	1 45	11 55	2 9	13 27	0 50	12 7	1 41	31 42	7 53	20 52	20 32	23 54			n.a.
T 10	19 9	24 37	1 23	10 19	4 1	20 14	1 23	12 52	0 48	5 57	1 45	11 55	2 9	13 28	0 50	12 6	1 41	31 42	7 53	20 52	20 31	23 53			n.a.
F 11	18 54	26 12	2 22	10 27	4 2	19 55	1 23	12 37	0 48	5 58	1 45	11 56	2 9	13 28	0 50	12 5	1 41	31 42	7 53	20 51	20 30	23 52			n.a.
S 12	18 39	26 33	3 14	10 39	4 2	19 35	1 24	12 22	0 47	6 0	1 46	11 57	2 9	13 29	0 50	12 4	1 41	31 42	7 53	20 50	20 30	23 50			n.a.
S 13	18 24	25 41	3 58	10 54	4 0	19 15	1 24	12 7	0 47	6 2	1 46	11 57	2 9	13 30	0 50	12 4	1 40	31 42	7 53	20 48	20 29	23 49			n.a.
M14	18 8	23 40	4 31	11 13	3 57	18 54	1 24	11 52	0 46	6 4	1 46	11 58	2 10	13 31	0 50	12 3	1 40	31 41	7 53	20 46	20 28	23 48			n.a.
T 15	17 52	20 37	4 52	11 35	3 51	18 32	1 24	11 37	0 46	6 6	1 46	11 58	2 10	13 32	0 50	12 2	1 40	31 41	7 53	20 43	20 28	23 46			n.a.
W16	17 35	16 43	5 1	12 0	3 44	18 11	1 24	11 21	0 45	6 9	1 47	11 58	2 10	13 32	0 50	12 1	1 40	31 41	7 53	20 40	20 27	23 45			n.a.
T 17	17 18	12 9	4 56	12 29	3 34	17 48	1 24	11 6	0 44	6 11	1 47	11 59	2 10	13 33	0 50	12 1	1 40	31 41	7 53	20 38	20 26	23 44			n.a.
F 18	17 1	7 4	4 38	13 0	3 23	17 25	1 24	10 50	0 44	6 13	1 47	11 59	2 10	13 34	0 50	12 0	1 40	31 41	7 53	20 36	20 26	23 42			n.a.
S 19	16 44	1 41	4 8	13 32	3 9	17 2	1 24	10 35	0 43	6 16	1 47	11 59	2 10	13 35	0 50	11 59	1 40	31 41	7 53	20 34	20 25	23 41			n.a.
S 20	16 26	3s52	3 25	14 6	2 54	16 38	1 24	10 19	0 43	6 18	1 47	12 0	2 11	13 36	0 50	11 58	1 40	31 41	7 53	20 32	20 24	23 40			n.a.
M21	16 9	9 22	2 32	14 41	2 37	16 13	1 24	10 3	0 42	6 20	1 48	12 0	2 11	13 37	0 50	11 57	1 40	31 41	7 52	20 32	20 24	23 38			n.a.
T 22	15 50	14 37	1 29	15 15	2 19	15 49	1 24	9 47	0 42	6 23	1 48	12 0	2 11	13 37	0 50	11 57	1 40	31 41	7 52	20 32	20 23	23 37			n.a.
W23	15 32	19 20	0 20	15 48	2 0	15 23	1 23	9 31	0 41	6 26	1 48	12 0	2 11	13 38	0 50	11 56	1 40	31 41	7 52	20 32	20 22	23 35			n.a.
T 24	15 13	23 11	0s52	16 20	1 41	14 58	1 23	9 15	0 41	6 28	1 48	12 0	2 11	13 39	0 50	11 55	1 40	31 41	7 52	20 32	20 21	23 34			n.a.
F 25	14 54	25 45	2 3	16 50	1 21	14 32	1 22	8 59	0 40	6 31	1 48	12 0	2 12	13 40	0 50	11 54	1 40	31 41	7 52	20 31	20 21	23 33			n.a.
S 26	14 35	26 41	3 8	17 17	1 1	14 5	1 22	8 43	0 39	6 34	1 49	12 0	2 12	13 41	0 50	11 53	1 40	31 41	7 52	20 30	20 20	23 31			n.a.
S 27	14 15	25 42	4 3	17 41	0 41	13 38	1 21	8 26	0 39	6 36	1 49	12 0	2 12	13 42	0 50	11 52	1 40	31 41	7 52	20 29	20 19	23 30			n.a.
M28	13 56	22 51	4 41	18 1	0 23	13 11	1 21	8 10	0 38	6 39	1 49	12 0	2 12	13 42	0 50	11 52	1 40	31 41	7 52	20 27	20 19	23 28			n.a.
T 29	13 36	18 22	4 59	18 18	0 5	12 43	1 20	7 54	0 38	6 42	1 49	12 0	2 12	13 43	0 50	11 51	1 40	31 40	7 52	20 25	20 18	23 27			n.a.
W30	13 16	12 44	4 56	18 31	0n12	12 15	1 19	7 37	0 37	6 45	1 49	12 0	2 12	13 44	0 50	11 50	1 40	31 40	7 52	20 22	20 17	23 25			n.a.
T 31	12n55	6s27	4s32	18n41	0n28	11n47	1n18	7n20	0n37	6s48	1s49	12n 0	2s13	13s45	0s50	11n49	1n40	31s40	7s51	20n20	20n17	23n24			n.a.

Julian Day Number = 1290275.5, Delta T = 07h59m52s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'07, Lahiri = -20°15'06 Julian Calendar 1 Aug. 1181 BCE == Greg. Calendar 21 July 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

SEPTEMBER 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 57 42	27♌23'51	8♈49	9♌50	4♍15	13♍43	17°R 7	7°R 1	26°R13	3♍52	2°R23	29°R 8	28♉59	7♌16	n.a.	F 1
S 2	22 1 38	28°23'20	22°51	10°31	5°30	14°24	16♓59	7♉ 1	26♒11	3°54	2♑22	29♉ 3	28°56	7°23	n.a.	S 2
S 3	22 5 35	29°22'52	6♉23	11°21	6°45	15° 6	16°52	7° 1	26° 9	3°57	2°22	28°59	28°53	7°30	n.a.	S 3
M 4	22 9 31	0♍22'26	19°27	12°19	8° 0	15°48	16°45	7° 0	26° 6	3°59	2°21	28°58	28°50	7°37	n.a.	M 4
T 5	22 13 28	1°22'02	2♊ 6	13°23	9°16	16°29	16°37	7° 0	26° 4	4° 1	2°21	28°58	28°46	7°43	n.a.	T 5
W 6	22 17 24	2°21'41	14°25	14°34	10°31	17°11	16°29	6°59	26° 1	4° 3	2°20	28°58	28°43	7°50	n.a.	W 6
T 7	22 21 21	3°21'23	26°30	15°50	11°46	17°53	16°22	6°58	25°59	4° 6	2°20	28°56	28°40	7°57	n.a.	T 7
F 8	22 25 17	4°21'07	8♋26	17°11	13° 1	18°35	16°14	6°57	25°57	4° 8	2°19	28°52	28°37	8° 3	n.a.	F 8
S 9	22 29 14	5°20'53	20°17	18°36	14°16	19°17	16° 6	6°56	25°54	4°10	2°19	28°46	28°34	8°10	n.a.	S 9
S 10	22 33 10	6°20'41	2♌ 6	20° 4	15°31	19°59	15°58	6°55	25°52	4°12	2°18	28°36	28°31	8°17	n.a.	S 10
M11	22 37 7	7°20'32	13°58	21°35	16°47	20°41	15°50	6°54	25°49	4°15	2°18	28°24	28°27	8°24	n.a.	M11
T 12	22 41 4	8°20'25	25°54	23° 9	18° 2	21°23	15°42	6°53	25°47	4°17	2°17	28°10	28°24	8°30	n.a.	T 12
W13	22 45 0	9°20'20	7♍55	24°44	19°17	22° 5	15°34	6°51	25°45	4°19	2°17	27°55	28°21	8°37	n.a.	W13
T 14	22 48 57	10°20'17	20° 3	26°21	20°32	22°47	15°26	6°50	25°42	4°21	2°17	27°41	28°18	8°44	n.a.	T 14
F 15	22 52 53	11°20'16	2♎19	27°59	21°47	23°30	15°18	6°48	25°40	4°24	2°16	27°29	28°15	8°50	n.a.	F 15
S 16	22 56 50	12°20'17	14°43	29°38	23° 3	24°12	15°10	6°46	25°38	4°26	2°16	27°20	28°11	8°57	n.a.	S 16
S 17	23 0 46	13°20'20	27°16	1♍18	24°18	24°54	15° 2	6°45	25°35	4°28	2°16	27°14	28° 8	9° 4	n.a.	S 17
M18	23 4 43	14°20'25	10♏ 1	2°58	25°33	25°37	14°53	6°43	25°33	4°30	2°15	27°10	28° 5	9°11	n.a.	M18
T 19	23 8 39	15°20'31	23° 0	4°38	26°48	26°19	14°45	6°40	25°31	4°32	2°15	27°D 9	28° 2	9°17	n.a.	T 19
W20	23 12 36	16°20'40	6♐16	6°19	28° 3	27° 2	14°37	6°38	25°29	4°35	2°15	27° 9	27°59	9°24	n.a.	W20
T 21	23 16 32	17°20'50	19°50	7°59	29°18	27°44	14°29	6°36	25°26	4°37	2°15	27°R 9	27°56	9°31	n.a.	T 21
F 22	23 20 29	18°21'02	3♑45	9°40	0♎34	28°27	14°21	6°34	25°24	4°39	2°15	27° 8	27°52	9°37	n.a.	F 22
S 23	23 24 26	19°21'15	18° 2	11°20	1°49	29°10	14°13	6°31	25°22	4°41	2°15	27° 5	27°49	9°44	n.a.	S 23
S 24	23 28 22	20°21'30	2♒39	13° 1	3° 4	29°53	14° 5	6°29	25°20	4°43	2°15	27° 0	27°46	9°51	n.a.	S 24
M25	23 32 19	21°21'47	17°31	14°40	4°19	0♎35	13°57	6°26	25°18	4°46	2°15	26°52	27°43	9°58	n.a.	M25
T 26	23 36 15	22°22'06	2♓31	16°20	5°34	1°18	13°49	6°23	25°16	4°48	2°D15	26°42	27°40	10° 4	n.a.	T 26
W27	23 40 12	23°22'26	17°30	17°59	6°49	2° 1	13°41	6°20	25°14	4°50	2°15	26°32	27°36	10°11	n.a.	W27
T 28	23 44 8	24°22'48	2♈18	19°38	8° 5	2°44	13°33	6°17	25°12	4°52	2°15	26°22	27°33	10°18	n.a.	T 28
F 29	23 48 5	25°23'11	16°47	21°17	9°20	3°27	13°25	6°14	25°10	4°54	2°15	26°15	27°30	10°24	n.a.	F 29
S 30	23 52 1	26♍23'37	0♉51	22♍55	10♎35	4♎10	13♓17	6♉11	25♒ 8	4♍56	2♑15	26♉10	27♉27	10♌31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n35	0n 1	3s52	18n46	0n43	11n19	1n17	7n 4	0n36	6s51	1s49	12n 0	2s13	13s46	0s50	11n48	1n40	31s40	7s51	20n18	20n16	23n22		n.a.
S 2	12 14	6 17	2 58	18 47	0 56	10 50	1 16	6 47	0 35	6 54	1 50	11 59	2 13	13 47	0 50	11 48	1 40	31 40	7 51	20 17	20 15	23 21		n.a.
S 3	11 53	12 3	1 56	18 44	1 8	10 20	1 15	6 30	0 35	6 57	1 50	11 59	2 13	13 47	0 50	11 47	1 40	31 40	7 51	20 16	20 14	23 19		n.a.
M 4	11 31	17 5	0 50	18 38	1 18	9 51	1 14	6 13	0 34	7 0	1 50	11 59	2 13	13 48	0 50	11 46	1 40	31 40	7 51	20 16	20 14	23 18		n.a.
T 5	11 10	21 12	0n17	18 28	1 27	9 21	1 13	5 56	0 34	7 3	1 50	11 58	2 13	13 49	0 50	11 45	1 40	31 40	7 51	20 16	20 13	23 16		n.a.
W 6	10 48	24 15	1 21	18 15	1 35	8 51	1 12	5 39	0 33	7 6	1 50	11 58	2 14	13 50	0 50	11 44	1 40	31 40	7 51	20 16	20 12	23 15		n.a.
T 7	10 26	26 7	2 20	17 58	1 42	8 21	1 11	5 22	0 33	7 9	1 50	11 58	2 14	13 51	0 50	11 43	1 40	31 40	7 51	20 15	20 12	23 13		n.a.
F 8	10 4	26 46	3 12	17 39	1 47	7 51	1 9	5 5	0 32	7 12	1 50	11 57	2 14	13 52	0 50	11 43	1 40	31 39	7 51	20 14	20 11	23 12		n.a.
S 9	9 42	26 9	3 56	17 16	1 52	7 20	1 8	4 47	0 31	7 15	1 50	11 57	2 14	13 52	0 50	11 42	1 40	31 39	7 50	20 13	20 10	23 10		n.a.
S 10	9 20	24 23	4 29	16 51	1 55	6 49	1 7	4 30	0 31	7 19	1 50	11 56	2 14	13 53	0 50	11 41	1 40	31 39	7 50	20 11	20 9	23 9		n.a.
M11	8 57	21 32	4 50	16 24	1 58	6 18	1 5	4 13	0 30	7 22	1 50	11 56	2 15	13 54	0 50	11 40	1 40	31 39	7 50	20 8	20 9	23 7		n.a.
T 12	8 35	17 47	4 59	15 54	1 59	5 47	1 3	3 55	0 30	7 25	1 50	11 55	2 15	13 55	0 50	11 39	1 40	31 39	7 50	20 5	20 8	23 6		n.a.
W13	8 12	13 17	4 55	15 22	2 0	5 15	1 2	3 38	0 29	7 28	1 50	11 54	2 15	13 56	0 50	11 38	1 40	31 39	7 50	20 1	20 7	23 4		n.a.
T 14	7 49	8 15	4 38	14 49	2 0	4 44	1 0	3 20	0 28	7 31	1 50	11 54	2 15	13 56	0 50	11 38	1 40	31 39	7 50	19 58	20 7	23 3		n.a.
F 15	7 26	2 50	4 7	14 14	1 59	4 12	0 59	3 3	0 28	7 35	1 50	11 53	2 15	13 57	0 50	11 37	1 40	31 39	7 50	19 56	20 6	23 1		n.a.
S 16	7 3	2s45	3 24	13 37	1 57	3 40	0 57	2 45	0 27	7 38	1 50	11 52	2 15	13 58	0 50	11 36	1 40	31 38	7 50	19 53	20 5	23 0		n.a.
S 17	6 39	8 19	2 31	12 59	1 55	3 9	0 55	2 28	0 27	7 41	1 50	11 52	2 15	13 59	0 50	11 35	1 41	31 38	7 49	19 52	20 4	22 58		n.a.
M18	6 16	13 39	1 29	12 20	1 53	2 37	0 53	2 10	0 26	7 44	1 50	11 51	2 16	13 59	0 50	11 34	1 41	31 38	7 49	19 51	20 4	22 56		n.a.
T 19	5 52	18 29	0 22	11 40	1 50	2 5	0 51	1 52	0 25	7 47	1 50	11 50	2 16	14 0	0 50	11 34	1 41	31 38	7 49	19 51	20 3	22 55		n.a.
W20	5 28	22 30	0s48	10 59	1 46	1 32	0 49	1 35	0 25	7 51	1 50	11 49	2 16	14 1	0 50	11 33	1 41	31 38	7 49	19 51	20 2	22 53		n.a.
T 21	5 5	25 23	1 57	10 18	1 43	1 0	0 47	1 17	0 24	7 54	1 50	11 48	2 16	14 2	0 50	11 32	1 41	31 38	7 49	19 51	20 2	22 52		n.a.
F 22	4 41	26 48	3 1	9 35	1 38	0 28	0 45	0 59	0 23	7 57	1 50	11 47	2 16	14 2	0 50	11 31	1 41	31 38	7 49	19 51	20 1	22 50		n.a.
S 23	4 17	26 29	3 56	8 52	1 34	0s 4	0 43	0 41	0 23	8 0	1 50	11 46	2 16	14 3	0 50	11 30	1 41	31 37	7 49	19 50	20 0	22 49		n.a.
S 24	3 53	24 22	4 36	8 9	1 29	0 36	0 41	0 23	0 22	8 3	1 50	11 45	2 16	14 4	0 50	11 30	1 41	31 37	7 48	19 49	19 59	22 47		n.a.
M25	3 29	20 34	4 59	7 25	1 24	1 9	0 39	0 5	0 22	8 6	1 50	11 44	2 17	14 5	0 50	11 29	1 41	31 37	7 48	19 47	19 59	22 45		n.a.
T 26	3 5	15 25	5 1	6 41	1 19	1 41	0 37	0s12	0 21	8 9	1 50	11 43	2 17	14 5	0 49	11 28	1 41	31 37	7 48	19 44	19 58	22 44		n.a.
W27	2 40	9 21	4 43	5 57	1 13	2 13	0 35	0 30	0 20	8 12	1 50	11 42	2 17	14 6	0 49	11 27	1 41	31 37	7 48	19 42	19 57	22 42		n.a.
T 28	2 16	2 49	4 6	5 12	1 8	2 45	0 33	0 48	0 20	8 15	1 50	11 41	2 17	14 7	0 49	11 26	1 41	31 37	7 48	19 40	19 56	22 40		n.a.
F 29	1 52	3n44	3 14	4 27	1 2	3 17	0 30	1 6	0 19	8 18	1 49	11 40	2 17	14 7	0 49	11 26	1 41	31 37	7 48	19 38	19 56	22 39		n.a.
S 30	1n27	9n56	2s11	3n42	0n56	3s50	0n28	1s24	0n19	8s21	1s49	11n39	2s17	14s 8	0s49	11n25	1n41	31s36	7s48	19n37	19n55	22n37		n.a.

Julian Day Number = 1290306.5, Delta T = 07h59m50s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°22'03, Lahiri = -20°15'02 Julian Calendar 1 Sept. 1181 BCE == Greg. Calendar 21 Aug. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

OCTOBER 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 58	27♍24'05	14♉27	24♍33	11♎50	4♎53	13°R10	6°R 8	25°R 6	4♍58	2♑15	26°R 7	27♉24	10♌38	n.a.	S 1
M 2	23 59 55	28°24'34	27°36	26°11	13° 5	5°37	13♓ 2	6♉ 4	25♒ 4	5° 0	2°15	26°D 6	27°21	10°45	n.a.	M 2
T 3	0 3 51	29°25'06	10♊21	27°48	14°20	6°20	12°55	6° 1	25° 2	5° 3	2°15	26♉ 7	27°17	10°51	n.a.	T 3
W 4	0 7 48	0♎25'40	22°44	29°25	15°35	7° 3	12°47	5°58	25° 0	5° 5	2°15	26° 8	27°14	10°58	n.a.	W 4
T 5	0 11 44	1°26'16	4♋52	1♎ 1	16°50	7°47	12°40	5°54	24°58	5° 7	2°16	26°R 8	27°11	11° 5	n.a.	T 5
F 6	0 15 41	2°26'54	16°49	2°37	18° 5	8°30	12°33	5°50	24°56	5° 9	2°16	26° 7	27° 8	11°11	n.a.	F 6
S 7	0 19 37	3°27'33	28°40	4°13	19°21	9°13	12°26	5°47	24°55	5°11	2°16	26° 3	27° 5	11°18	n.a.	S 7
S 8	0 23 34	4°28'15	10♌31	5°49	20°36	9°57	12°18	5°43	24°53	5°13	2°16	25°57	27° 2	11°25	n.a.	S 8
M 9	0 27 30	5°28'58	22°24	7°24	21°51	10°41	12°12	5°39	24°51	5°15	2°17	25°50	26°58	11°32	n.a.	M 9
T 10	0 31 27	6°29'43	4♍25	8°59	23° 6	11°24	12° 5	5°35	24°50	5°17	2°17	25°41	26°55	11°38	n.a.	T 10
W11	0 35 24	7°30'29	16°33	10°34	24°21	12° 8	11°58	5°31	24°48	5°19	2°18	25°31	26°52	11°45	n.a.	W11
T 12	0 39 20	8°31'17	28°53	12° 8	25°36	12°52	11°52	5°27	24°46	5°21	2°18	25°21	26°49	11°52	n.a.	T 12
F 13	0 43 17	9°32'07	11♎23	13°42	26°51	13°35	11°45	5°22	24°45	5°23	2°18	25°13	26°46	11°59	n.a.	F 13
S 14	0 47 13	10°32'58	24° 4	15°17	28° 6	14°19	11°39	5°18	24°43	5°25	2°19	25° 7	26°42	12° 5	n.a.	S 14
S 15	0 51 10	11°33'51	6♏57	16°50	29°21	15° 3	11°33	5°14	24°42	5°27	2°19	25° 3	26°39	12°12	n.a.	S 15
M16	0 55 6	12°34'44	20° 1	18°24	0♏36	15°47	11°27	5°10	24°41	5°28	2°20	25°D 2	26°36	12°19	n.a.	M16
T 17	0 59 3	13°35'39	3♐16	19°58	1°51	16°31	11°21	5° 5	24°39	5°30	2°20	25° 2	26°33	12°25	n.a.	T 17
W18	1 2 59	14°36'36	16°44	21°31	3° 6	17°15	11°16	5° 1	24°38	5°32	2°21	25° 3	26°30	12°32	n.a.	W18
T 19	1 6 56	15°37'33	0♑24	23° 5	4°21	17°59	11°10	4°56	24°37	5°34	2°22	25° 5	26°27	12°39	n.a.	T 19
F 20	1 10 53	16°38'31	14°18	24°38	5°36	18°43	11° 5	4°52	24°35	5°36	2°22	25°R 5	26°23	12°46	n.a.	F 20
S 21	1 14 49	17°39'30	28°24	26°11	6°51	19°28	11° 0	4°47	24°34	5°38	2°23	25° 5	26°20	12°52	n.a.	S 21
S 22	1 18 46	18°40'30	12♒42	27°44	8° 6	20°12	10°55	4°42	24°33	5°39	2°24	25° 3	26°17	12°59	n.a.	S 22
M23	1 22 42	19°41'30	27°10	29°16	9°21	20°56	10°50	4°37	24°32	5°41	2°24	24°59	26°14	13° 6	n.a.	M23
T 24	1 26 39	20°42'32	11♓42	0♏49	10°36	21°41	10°45	4°33	24°31	5°43	2°25	24°54	26°11	13°12	n.a.	T 24
W25	1 30 35	21°43'34	26°14	2°22	11°51	22°25	10°41	4°28	24°30	5°44	2°26	24°49	26° 8	13°19	n.a.	W25
T 26	1 34 32	22°44'37	10♈38	3°54	13° 6	23° 9	10°37	4°23	24°29	5°46	2°27	24°44	26° 4	13°26	n.a.	T 26
F 27	1 38 28	23°45'41	24°48	5°27	14°21	23°54	10°33	4°18	24°28	5°48	2°28	24°40	26° 1	13°33	n.a.	F 27
S 28	1 42 25	24°46'46	8♉41	6°59	15°36	24°38	10°29	4°13	24°27	5°49	2°28	24°37	25°58	13°39	n.a.	S 28
S 29	1 46 22	25°47'53	22°11	8°31	16°51	25°23	10°25	4° 8	24°26	5°51	2°29	24°D36	25°55	13°46	n.a.	S 29
M30	1 50 18	26°49'00	5♊19	10° 3	18° 6	26° 8	10°22	4° 4	24°26	5°53	2°30	24°37	25°52	13°53	n.a.	M30
T 31	1 54 15	27♎50'08	18♊ 6	11♏34	19♏21	26♎52	10♓19	3♉59	24♒25	5♍54	2♑31	24♉38	25♉48	13♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n 3	15n27	1s 2	2n57	0n50	4s21	0n26	1s42	0n18	8s24	1s49	11n38	2s17	14s 9	0s49	11n24	1n41	31s36	7s47	19n36	19n54	22n35			n.a.
M 2	0 39	20 5	0n 8	2 12	0 43	4 53	0 23	2 0	0 17	8 27	1 49	11 37	2 17	14 9	0 49	11 23	1 41	31 36	7 47	19 36	19 54	22 34			n.a.
T 3	0 14	23 37	1 16	1 27	0 37	5 25	0 21	2 18	0 17	8 30	1 49	11 35	2 17	14 10	0 49	11 23	1 41	31 36	7 47	19 36	19 53	22 32			n.a.
W 4	0s10	25 55	2 18	0 42	0 31	5 57	0 19	2 36	0 16	8 32	1 49	11 34	2 18	14 11	0 49	11 22	1 41	31 36	7 47	19 36	19 52	22 30			n.a.
T 5	0 35	26 57	3 12	0s 2	0 24	6 28	0 16	2 54	0 15	8 35	1 49	11 33	2 18	14 11	0 49	11 21	1 41	31 36	7 47	19 36	19 51	22 29			n.a.
F 6	0 59	26 41	3 58	0 47	0 18	7 0	0 14	3 12	0 15	8 38	1 48	11 31	2 18	14 12	0 49	11 20	1 41	31 36	7 47	19 36	19 51	22 27			n.a.
S 7	1 24	25 12	4 32	1 32	0 11	7 31	0 11	3 30	0 14	8 40	1 48	11 30	2 18	14 12	0 49	11 20	1 41	31 35	7 46	19 35	19 50	22 25			n.a.
S 8	1 48	22 37	4 55	2 16	0 5	8 2	0 9	3 48	0 13	8 43	1 48	11 29	2 18	14 13	0 49	11 19	1 41	31 35	7 46	19 34	19 49	22 24			n.a.
M 9	2 13	19 4	5 6	3 0	0s 2	8 33	0 7	4 6	0 13	8 45	1 48	11 27	2 18	14 13	0 49	11 18	1 41	31 35	7 46	19 32	19 48	22 22			n.a.
T 10	2 37	14 44	5 3	3 44	0 8	9 4	0 4	4 24	0 12	8 48	1 48	11 26	2 18	14 14	0 49	11 18	1 41	31 35	7 46	19 30	19 48	22 20			n.a.
W11	3 2	9 46	4 46	4 28	0 15	9 34	0 2	4 42	0 12	8 50	1 47	11 25	2 18	14 14	0 49	11 17	1 41	31 35	7 46	19 27	19 47	22 18			n.a.
T 12	3 26	4 21	4 16	5 12	0 21	10 4	0s 1	5 0	0 11	8 53	1 47	11 23	2 18	14 15	0 49	11 16	1 41	31 35	7 46	19 25	19 46	22 17			n.a.
F 13	3 50	1s19	3 33	5 55	0 28	10 34	0 3	5 18	0 10	8 55	1 47	11 22	2 18	14 15	0 49	11 15	1 41	31 35	7 46	19 23	19 45	22 15			n.a.
S 14	4 15	7 1	2 39	6 38	0 34	11 4	0 6	5 35	0 10	8 57	1 47	11 20	2 18	14 16	0 49	11 15	1 41	31 34	7 45	19 22	19 45	22 13			n.a.
S 15	4 39	12 33	1 36	7 20	0 40	11 34	0 9	5 53	0 9	8 59	1 47	11 19	2 18	14 16	0 49	11 14	1 41	31 34	7 45	19 21	19 44	22 12			n.a.
M16	5 3	17 36	0 27	8 3	0 46	12 3	0 11	6 11	0 8	9 1	1 46	11 17	2 18	14 17	0 49	11 13	1 41	31 34	7 45	19 20	19 43	22 10			n.a.
T 17	5 27	21 53	0s45	8 44	0 53	12 32	0 14	6 29	0 8	9 3	1 46	11 16	2 18	14 17	0 49	11 13	1 41	31 34	7 45	19 20	19 42	22 8			n.a.
W18	5 51	25 4	1 55	9 26	0 59	13 0	0 16	6 47	0 7	9 5	1 46	11 14	2 18	14 18	0 49	11 12	1 41	31 34	7 45	19 21	19 42	22 6			n.a.
T 19	6 15	26 50	3 0	10 7	1 5	13 29	0 19	7 4	0 6	9 7	1 46	11 13	2 18	14 18	0 49	11 11	1 41	31 34	7 45	19 21	19 41	22 4			n.a.
F 20	6 39	26 58	3 56	10 47	1 10	13 57	0 21	7 22	0 6	9 9	1 45	11 11	2 18	14 18	0 49	11 11	1 42	31 33	7 45	19 21	19 40	22 3			n.a.
S 21	7 2	25 21	4 38	11 27	1 16	14 24	0 24	7 40	0 5	9 11	1 45	11 9	2 19	14 19	0 49	11 10	1 42	31 33	7 44	19 21	19 39	22 1			n.a.
S 22	7 26	22 7	5 4	12 6	1 22	14 51	0 26	7 57	0 4	9 12	1 45	11 8	2 19	14 19	0 49	11 10	1 42	31 33	7 44	19 21	19 39	21 59			n.a.
M23	7 50	17 30	5 11	12 45	1 27	15 18	0 29	8 15	0 4	9 14	1 45	11 6	2 19	14 20	0 49	11 9	1 42	31 33	7 44	19 20	19 38	21 57			n.a.
T 24	8 13	11 52	4 58	13 23	1 32	15 45	0 31	8 32	0 3	9 15	1 44	11 5	2 19	14 20	0 49	11 8	1 42	31 33	7 44	19 18	19 37	21 55			n.a.
W25	8 36	5 35	4 26	14 0	1 37	16 11	0 34	8 50	0 2	9 17	1 44	11 3	2 19	14 20	0 49	11 8	1 42	31 33	7 44	19 17	19 36	21 54			n.a.
T 26	8 59	0n57	3 37	14 37	1 42	16 36	0 36	9 7	0 2	9 18	1 44	11 1	2 19	14 20	0 49	11 7	1 42	31 33	7 44	19 16	19 36	21 52			n.a.
F 27	9 22	7 21	2 36	15 13	1 46	17 1	0 39	9 24	0 1	9 19	1 43	11 0	2 18	14 21	0 49	11 7	1 42	31 32	7 44	19 15	19 35	21 50			n.a.
S 28	9 45	13 16	1 26	15 49	1 51	17 26	0 41	9 42	0 0	9 21	1 43	10 58	2 18	14 21	0 49	11 6	1 42	31 32	7 44	19 14	19 34	21 48			n.a.
S 29	10 8	18 24	0 13	16 23	1 55	17 51	0 44	9 59	0s 0	9 22	1 43	10 56	2 18	14 21	0 48	11 6	1 42	31 32	7 43	19 14	19 33	21 46			n.a.
M30	10 30	22 30	0n58	16 57	1 59	18 14	0 46	10 16	0 1	9 23	1 42	10 55	2 18	14 21	0 48	11 5	1 42	31 32	7 43	19 14	19 32	21 45			n.a.
T 31	10s53	25n22	2n 5	17s29	2s 2	18s38	0s48	10s33	0s 2	9s24	1s42	10n53	2s18	14s22	0s48	11n 4	1n42	31s32	7s43	19n14	19n32	21n43			n.a.

Julian Day Number = 1290336.5, Delta T = 07h59m49s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'58, Lahiri = -20°14'58 Julian Calendar 1 Oct. 1181 BCE == Greg. Calendar 20 Sept. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

NOVEMBER 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 58 11	28♎51'18	0♋33	13♏ 6	20♏35	27♎37	10°R15	3°R54	24°R24	5♍56	2♑32	24♉40	25♉45	14♌ 6	n.a.	W 1
T 2	2 2 8	29°52'28	12°44	14°37	21°50	28°22	10♓13	3♉49	24♒24	5°57	2°33	24°41	25°42	14°13	n.a.	T 2
F 3	2 6 4	0♏53'39	24°44	16° 7	23° 5	29° 7	10°10	3°44	24°23	5°59	2°34	24°42	25°39	14°20	n.a.	F 3
S 4	2 10 1	1°54'52	6♌37	17°37	24°20	29°52	10° 7	3°39	24°22	6° 0	2°35	24°R42	25°36	14°26	n.a.	S 4
S 5	2 13 57	2°56'05	18°29	19° 7	25°35	0♏36	10° 5	3°34	24°22	6° 2	2°36	24°41	25°33	14°33	n.a.	S 5
M 6	2 17 54	3°57'19	0♍24	20°36	26°50	1°21	10° 3	3°29	24°22	6° 3	2°37	24°39	25°29	14°40	n.a.	M 6
T 7	2 21 51	4°58'34	12°27	22° 4	28° 4	2° 6	10° 1	3°24	24°21	6° 4	2°38	24°37	25°26	14°47	n.a.	T 7
W 8	2 25 47	5°59'50	24°40	23°30	29°19	2°52	10° 0	3°19	24°21	6° 6	2°39	24°34	25°23	14°53	n.a.	W 8
T 9	2 29 44	7° 1'06	7♎ 7	24°56	0♐34	3°37	9°58	3°14	24°21	6° 7	2°40	24°31	25°20	15° 0	n.a.	T 9
F 10	2 33 40	8° 2'23	19°50	26°20	1°49	4°22	9°57	3° 9	24°20	6° 8	2°42	24°28	25°17	15° 7	n.a.	F 10
S 11	2 37 37	9° 3'40	2♏49	27°43	3° 3	5° 7	9°56	3° 4	24°20	6° 9	2°43	24°26	25°13	15°13	n.a.	S 11
S 12	2 41 33	10° 4'58	16° 3	29° 4	4°18	5°52	9°55	2°59	24°20	6°11	2°44	24°25	25°10	15°20	n.a.	S 12
M13	2 45 30	11° 6'16	29°33	0♐22	5°33	6°38	9°54	2°54	24°20	6°12	2°45	24°D25	25° 7	15°27	n.a.	M13
T 14	2 49 27	12° 7'35	13♐15	1°37	6°47	7°23	9°54	2°49	24°D20	6°13	2°46	24°26	25° 4	15°34	n.a.	T 14
W15	2 53 23	13° 8'54	27° 7	2°49	8° 2	8° 8	9°D54	2°44	24°20	6°14	2°48	24°27	25° 1	15°40	n.a.	W15
T 16	2 57 20	14°10'13	11♑ 8	3°57	9°17	8°54	9°54	2°39	24°20	6°15	2°49	24°28	24°58	15°47	n.a.	T 16
F 17	3 1 16	15°11'31	25°14	5° 1	10°31	9°39	9°54	2°34	24°20	6°16	2°50	24°29	24°54	15°54	n.a.	F 17
S 18	3 5 13	16°12'50	9♒24	5°59	11°46	10°25	9°55	2°29	24°20	6°17	2°52	24°29	24°51	16° 0	n.a.	S 18
S 19	3 9 9	17°14'08	23°36	6°52	13° 1	11°10	9°55	2°25	24°21	6°18	2°53	24°R29	24°48	16° 7	n.a.	S 19
M20	3 13 6	18°15'26	7♓46	7°38	14°15	11°56	9°56	2°20	24°21	6°19	2°54	24°29	24°45	16°14	n.a.	M20
T 21	3 17 2	19°16'43	21°53	8°16	15°30	12°41	9°57	2°15	24°21	6°20	2°56	24°28	24°42	16°21	n.a.	T 21
W22	3 20 59	20°18'01	5♈55	8°46	16°44	13°27	9°58	2°11	24°22	6°21	2°57	24°28	24°39	16°27	n.a.	W22
T 23	3 24 56	21°19'17	19°48	9° 6	17°59	14°13	10° 0	2° 6	24°22	6°22	2°58	24°27	24°35	16°34	n.a.	T 23
F 24	3 28 52	22°20'34	3♉31	9°R16	19°13	14°58	10° 2	2° 2	24°23	6°23	3° 0	24°27	24°32	16°41	n.a.	F 24
S 25	3 32 49	23°21'51	16°59	9°15	20°28	15°44	10° 3	1°57	24°23	6°24	3° 1	24°27	24°29	16°48	n.a.	S 25
S 26	3 36 45	24°23'07	0♊13	9° 2	21°42	16°30	10° 6	1°53	24°24	6°25	3° 3	24°27	24°26	16°54	n.a.	S 26
M27	3 40 42	25°24'23	13°10	8°38	22°56	17°16	10° 8	1°48	24°25	6°25	3° 4	24°27	24°23	17° 1	n.a.	M27
T 28	3 44 38	26°25'39	25°50	8° 2	24°11	18° 2	10°10	1°44	24°25	6°26	3° 6	24°27	24°19	17° 8	n.a.	T 28
W29	3 48 35	27°26'55	8♋16	7°14	25°25	18°48	10°13	1°40	24°26	6°27	3° 7	24°26	24°16	17°14	n.a.	W29
T 30	3 52 32	28♏28'11	20♋27	6♐16	26♐39	19♏33	10♓16	1♉36	24♒27	6♍27	3♑ 9	24♉26	24♉13	17♌21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s15	26n55	3n 5	18s 1	2s 5	19s 0	0s51	10s50	0s 2	9s25	1s42	10n52	2s18	14s22	0s48	11n 4	1n42	31s32	7s43	19n15	19n31	21n41		n.a.
T 2	11 37	27 6	3 54	18 31	2 8	19 23	0 53	11 7	0 3	9 26	1 42	10 50	2 18	14 22	0 48	11 3	1 42	31 32	7 43	19 15	19 30	21 39		n.a.
F 3	11 59	26 0	4 33	19 1	2 11	19 45	0 55	11 24	0 3	9 26	1 41	10 48	2 18	14 22	0 48	11 3	1 42	31 31	7 43	19 16	19 29	21 37		n.a.
S 4	12 20	23 45	4 59	19 29	2 13	20 6	0 58	11 40	0 4	9 27	1 41	10 47	2 18	14 22	0 48	11 2	1 42	31 31	7 43	19 16	19 29	21 35		n.a.
S 5	12 42	20 29	5 13	19 56	2 14	20 26	1 0	11 57	0 5	9 28	1 41	10 45	2 18	14 22	0 48	11 2	1 42	31 31	7 43	19 15	19 28	21 33		n.a.
M 6	13 3	16 23	5 13	20 22	2 16	20 46	1 2	12 14	0 5	9 28	1 40	10 43	2 18	14 23	0 48	11 1	1 42	31 31	7 42	19 15	19 27	21 31		n.a.
T 7	13 24	11 36	5 0	20 47	2 16	21 6	1 4	12 30	0 6	9 28	1 40	10 42	2 18	14 23	0 48	11 1	1 42	31 31	7 42	19 14	19 26	21 30		n.a.
W 8	13 44	6 19	4 33	21 9	2 16	21 25	1 6	12 46	0 7	9 29	1 40	10 40	2 18	14 23	0 48	11 1	1 42	31 31	7 42	19 13	19 26	21 28		n.a.
T 9	14 5	0 40	3 52	21 31	2 16	21 43	1 8	13 3	0 7	9 29	1 39	10 38	2 18	14 23	0 48	11 0	1 43	31 31	7 42	19 13	19 25	21 26		n.a.
F 10	14 25	5s 7	3 0	21 50	2 15	22 1	1 10	13 19	0 8	9 29	1 39	10 37	2 18	14 23	0 48	11 0	1 43	31 30	7 42	19 12	19 24	21 24		n.a.
S 11	14 45	10 50	1 57	22 8	2 13	22 18	1 12	13 35	0 9	9 29	1 39	10 35	2 18	14 23	0 48	10 59	1 43	31 30	7 42	19 12	19 23	21 22		n.a.
S 12	15 5	16 11	0 46	22 24	2 11	22 34	1 14	13 51	0 9	9 29	1 38	10 33	2 17	14 23	0 48	10 59	1 43	31 30	7 42	19 11	19 22	21 20		n.a.
M13	15 24	20 51	0s28	22 38	2 7	22 50	1 16	14 7	0 10	9 29	1 38	10 32	2 17	14 23	0 48	10 58	1 43	31 30	7 42	19 11	19 22	21 18		n.a.
T 14	15 44	24 27	1 42	22 50	2 3	23 5	1 18	14 22	0 11	9 29	1 38	10 30	2 17	14 23	0 48	10 58	1 43	31 30	7 42	19 11	19 21	21 16		n.a.
W15	16 3	26 40	2 51	23 0	1 58	23 20	1 20	14 38	0 11	9 29	1 37	10 29	2 17	14 23	0 48	10 58	1 43	31 30	7 42	19 12	19 20	21 14		n.a.
T 16	16 21	27 11	3 51	23 7	1 52	23 33	1 22	14 53	0 12	9 28	1 37	10 27	2 17	14 23	0 48	10 57	1 43	31 30	7 41	19 12	19 19	21 12		n.a.
F 17	16 40	25 58	4 37	23 13	1 45	23 46	1 23	15 9	0 13	9 28	1 37	10 26	2 17	14 23	0 48	10 57	1 43	31 30	7 41	19 12	19 19	21 10		n.a.
S 18	16 58	23 6	5 6	23 15	1 37	23 59	1 25	15 24	0 13	9 28	1 36	10 24	2 17	14 22	0 48	10 57	1 43	31 29	7 41	19 12	19 18	21 8		n.a.
S 19	17 16	18 51	5 17	23 15	1 27	24 10	1 27	15 39	0 14	9 27	1 36	10 23	2 17	14 22	0 48	10 56	1 43	31 29	7 41	19 12	19 17	21 6		n.a.
M20	17 33	13 33	5 8	23 12	1 17	24 21	1 28	15 54	0 15	9 26	1 35	10 21	2 16	14 22	0 48	10 56	1 43	31 29	7 41	19 12	19 16	21 4		n.a.
T 21	17 50	7 34	4 41	23 7	1 5	24 31	1 30	16 9	0 15	9 26	1 35	10 20	2 16	14 22	0 48	10 56	1 43	31 29	7 41	19 12	19 15	21 3		n.a.
W22	18 7	1 14	3 58	22 59	0 52	24 41	1 31	16 24	0 16	9 25	1 35	10 18	2 16	14 22	0 48	10 55	1 43	31 29	7 41	19 12	19 15	21 1		n.a.
T 23	18 23	5n 6	3 0	22 48	0 37	24 49	1 33	16 38	0 17	9 24	1 34	10 17	2 16	14 22	0 48	10 55	1 43	31 29	7 41	19 12	19 14	20 59		n.a.
F 24	18 40	11 7	1 54	22 33	0 21	24 57	1 34	16 52	0 17	9 23	1 34	10 15	2 16	14 21	0 47	10 55	1 43	31 29	7 41	19 12	19 13	20 57		n.a.
S 25	18 55	16 32	0 41	22 16	0 4	25 4	1 35	17 7	0 18	9 22	1 34	10 14	2 16	14 21	0 47	10 55	1 44	31 29	7 41	19 12	19 12	20 55		n.a.
S 26	19 11	21 3	0n32	21 57	0n14	25 11	1 36	17 21	0 19	9 21	1 33	10 13	2 15	14 21	0 47	10 54	1 44	31 29	7 41	19 12	19 11	20 53		n.a.
M27	19 26	24 26	1 42	21 34	0 33	25 16	1 38	17 35	0 19	9 20	1 33	10 11	2 15	14 21	0 47	10 54	1 44	31 28	7 41	19 12	19 11	20 51		n.a.
T 28	19 41	26 32	2 45	21 9	0 53	25 21	1 39	17 48	0 20	9 18	1 33	10 10	2 15	14 20	0 47	10 54	1 44	31 28	7 41	19 12	19 10	20 49		n.a.
W29	19 55	27 14	3 40	20 41	1 13	25 25	1 40	18 2	0 21	9 17	1 32	10 9	2 15	14 20	0 47	10 54	1 44	31 28	7 40	19 12	19 9	20 47		n.a.
T 30	20s 9	26n35	4n23	20s12	1n32	25s28	1s41	18s15	0s21	9s16	1s32	10n 7	2s15	14s20	0s47	10n54	1n44	31s28	7s40	19n11	19n 8	20n44		n.a.

Julian Day Number = 1290367.5, Delta T = 07h59m47s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'54, Lahiri = -20°14'54 Julian Calendar 1 Nov. 1181 BCE == Greg. Calendar 21 Oct. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1181 BCE
geocentric

DECEMBER 1181 BCE (-1180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 56 28	29♏29'27	2♌29	5°R10	27♐54	20♏19	10♓19	1°R31	24♒28	6♍28	3♎10	24°R25	24♉10	17♌28	n.a.	F 1
S 2	4 0 25	0♐30'42	14°23	3♐57	29° 8	21° 5	10°22	1♉27	24°29	6°29	3°12	24♉25	24° 7	17°35	n.a.	S 2
S 3	4 4 21	1°31'57	26°16	2°39	0♎22	21°52	10°26	1°23	24°30	6°29	3°13	24°D24	24° 4	17°41	n.a.	S 3
M 4	4 8 18	2°33'12	8♍10	1°20	1°36	22°38	10°29	1°20	24°31	6°30	3°15	24°24	24° 0	17°48	n.a.	M 4
T 5	4 12 14	3°34'26	20°12	0° 1	2°50	23°24	10°33	1°16	24°32	6°30	3°17	24°25	23°57	17°55	n.a.	T 5
W 6	4 16 11	4°35'40	2♎25	28♏45	4° 4	24°10	10°37	1°12	24°33	6°31	3°18	24°26	23°54	18° 2	n.a.	W 6
T 7	4 20 7	5°36'54	14°54	27°34	5°18	24°56	10°42	1° 8	24°34	6°31	3°20	24°27	23°51	18° 8	n.a.	T 7
F 8	4 24 4	6°38'07	27°41	26°30	6°33	25°42	10°46	1° 5	24°35	6°32	3°21	24°28	23°48	18°15	n.a.	F 8
S 9	4 28 1	7°39'20	10♏51	25°34	7°47	26°29	10°51	1° 1	24°36	6°32	3°23	24°29	23°45	18°22	n.a.	S 9
S 10	4 31 57	8°40'32	24°22	24°47	9° 1	27°15	10°55	0°58	24°38	6°32	3°25	24°R29	23°41	18°28	n.a.	S 10
M11	4 35 54	9°41'44	8♐14	24°10	10°15	28° 1	11° 0	0°54	24°39	6°32	3°26	24°29	23°38	18°35	n.a.	M11
T 12	4 39 50	10°42'55	22°24	23°42	11°28	28°48	11° 5	0°51	24°40	6°33	3°28	24°27	23°35	18°42	n.a.	T 12
W13	4 43 47	11°44'05	6♎47	23°23	12°42	29°34	11°11	0°48	24°42	6°33	3°30	24°25	23°32	18°49	n.a.	W13
T 14	4 47 43	12°45'14	21°17	23°13	13°56	0♐20	11°16	0°45	24°43	6°33	3°32	24°23	23°29	18°55	n.a.	T 14
F 15	4 51 40	13°46'22	5♒49	23°D11	15°10	1° 7	11°22	0°42	24°45	6°33	3°33	24°20	23°25	19° 2	n.a.	F 15
S 16	4 55 37	14°47'28	20°17	23°18	16°24	1°53	11°28	0°39	24°47	6°33	3°35	24°18	23°22	19° 9	n.a.	S 16
S 17	4 59 33	15°48'33	4♓36	23°32	17°37	2°40	11°34	0°36	24°48	6°33	3°37	24°17	23°19	19°16	n.a.	S 17
M18	5 3 30	16°49'37	18°44	23°52	18°51	3°26	11°40	0°34	24°50	6°33	3°38	24°D16	23°16	19°22	n.a.	M18
T 19	5 7 26	17°50'39	2♈38	24°19	20° 5	4°13	11°47	0°31	24°52	6°R33	3°40	24°17	23°13	19°29	n.a.	T 19
W20	5 11 23	18°51'40	16°20	24°52	21°18	4°59	11°53	0°29	24°53	6°33	3°42	24°18	23°10	19°36	n.a.	W20
T 21	5 15 19	19°52'40	29°48	25°29	22°32	5°46	12° 0	0°26	24°55	6°33	3°44	24°20	23° 6	19°42	n.a.	T 21
F 22	5 19 16	20°53'38	13♉ 3	26°11	23°45	6°32	12° 7	0°24	24°57	6°33	3°45	24°21	23° 3	19°49	n.a.	F 22
S 23	5 23 12	21°54'35	26° 5	26°58	24°59	7°19	12°14	0°22	24°59	6°33	3°47	24°R22	23° 0	19°56	n.a.	S 23
S 24	5 27 9	22°55'30	8♊56	27°48	26°12	8° 6	12°21	0°20	25° 1	6°33	3°49	24°21	22°57	20° 3	n.a.	S 24
M25	5 31 6	23°56'24	21°35	28°42	27°25	8°52	12°28	0°18	25° 3	6°33	3°51	24°18	22°54	20° 9	n.a.	M25
T 26	5 35 2	24°57'17	4♋ 3	29°39	28°38	9°39	12°36	0°16	25° 5	6°33	3°53	24°14	22°51	20°16	n.a.	T 26
W27	5 38 59	25°58'08	16°20	0♐39	29°52	10°26	12°43	0°14	25° 7	6°32	3°54	24° 9	22°47	20°23	n.a.	W27
T 28	5 42 55	26°58'59	28°28	1°42	1♒ 5	11°12	12°51	0°13	25° 9	6°32	3°56	24° 3	22°44	20°29	n.a.	T 28
F 29	5 46 52	27°59'47	10♌28	2°47	2°18	11°59	12°59	0°11	25°11	6°32	3°58	23°57	22°41	20°36	n.a.	F 29
S 30	5 50 48	29° 0'35	22°22	3°54	3°31	12°46	13° 7	0°10	25°14	6°31	4° 0	23°51	22°38	20°43	n.a.	S 30
S 31	5 54 45	0♎ 1'21	4♍14	5♐ 4	4♒44	13♐33	13♓15	0♉ 9	25♒16	6♍31	4♎ 2	23♉46	22♉35	20♌50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s23	24n42	4n54	19s41	1n52	25s31	1s42	18s29	0s22	9s14	1s32	10n 6	2s14	14s20	0s47	10n53	1n44	31s28	7s40	19n11	19n 8	20n42		n.a.
S 2	20 36	21 45	5 12	19 10	2 10	25 32	1 42	18 42	0 23	9 13	1 31	10 5	2 14	14 19	0 47	10 53	1 44	31 28	7 40	19 11	19 7	20 40		n.a.
S 3	20 49	17 55	5 17	18 38	2 27	25 33	1 43	18 55	0 23	9 11	1 31	10 4	2 14	14 19	0 47	10 53	1 44	31 28	7 40	19 11	19 6	20 38		n.a.
M 4	21 1	13 23	5 8	18 8	2 42	25 33	1 44	19 7	0 24	9 9	1 31	10 2	2 14	14 18	0 47	10 53	1 44	31 28	7 40	19 11	19 5	20 36		n.a.
T 5	21 13	8 18	4 45	17 39	2 54	25 33	1 44	19 20	0 25	9 7	1 30	10 1	2 14	14 18	0 47	10 53	1 44	31 28	7 40	19 11	19 4	20 34		n.a.
W 6	21 25	2 50	4 10	17 12	3 5	25 31	1 45	19 32	0 25	9 5	1 30	10 0	2 13	14 18	0 47	10 53	1 44	31 28	7 40	19 11	19 4	20 32		n.a.
T 7	21 36	2s52	3 22	16 49	3 13	25 29	1 45	19 44	0 26	9 4	1 30	9 59	2 13	14 17	0 47	10 53	1 44	31 28	7 40	19 12	19 3	20 30		n.a.
F 8	21 47	8 36	2 23	16 28	3 19	25 26	1 46	19 56	0 27	9 2	1 29	9 58	2 13	14 17	0 47	10 53	1 44	31 28	7 40	19 12	19 2	20 28		n.a.
S 9	21 57	14 9	1 15	16 12	3 22	25 22	1 46	20 8	0 27	8 59	1 29	9 57	2 13	14 16	0 47	10 52	1 44	31 27	7 40	19 12	19 1	20 26		n.a.
S 10	22 7	19 10	0 1	15 59	3 24	25 17	1 46	20 19	0 28	8 57	1 29	9 56	2 12	14 16	0 47	10 52	1 44	31 27	7 40	19 12	19 0	20 24		n.a.
M11	22 16	23 17	1s15	15 51	3 23	25 12	1 46	20 31	0 29	8 55	1 28	9 55	2 12	14 15	0 47	10 52	1 45	31 27	7 40	19 12	18 59	20 22		n.a.
T 12	22 25	26 5	2 28	15 46	3 21	25 6	1 46	20 42	0 29	8 53	1 28	9 54	2 12	14 15	0 47	10 52	1 45	31 27	7 40	19 12	18 59	20 20		n.a.
W13	22 34	27 12	3 33	15 45	3 17	24 59	1 46	20 53	0 30	8 50	1 28	9 53	2 12	14 14	0 47	10 52	1 45	31 27	7 40	19 11	18 58	20 18		n.a.
T 14	22 42	26 28	4 24	15 47	3 12	24 51	1 46	21 3	0 31	8 48	1 27	9 52	2 11	14 14	0 47	10 52	1 45	31 27	7 40	19 11	18 57	20 16		n.a.
F 15	22 50	23 57	4 59	15 53	3 6	24 43	1 46	21 14	0 31	8 45	1 27	9 52	2 11	14 13	0 47	10 52	1 45	31 27	7 40	19 10	18 56	20 13		n.a.
S 16	22 57	19 55	5 14	16 1	2 59	24 34	1 46	21 24	0 32	8 43	1 27	9 51	2 11	14 13	0 47	10 52	1 45	31 27	7 40	19 10	18 55	20 11		n.a.
S 17	23 4	14 46	5 10	16 12	2 51	24 24	1 45	21 34	0 33	8 40	1 27	9 50	2 11	14 12	0 47	10 52	1 45	31 27	7 40	19 9	18 55	20 9		n.a.
M18	23 10	8 55	4 47	16 25	2 43	24 13	1 45	21 44	0 33	8 38	1 26	9 49	2 10	14 11	0 47	10 52	1 45	31 27	7 40	19 9	18 54	20 7		n.a.
T 19	23 16	2 42	4 7	16 40	2 35	24 2	1 44	21 54	0 34	8 35	1 26	9 49	2 10	14 11	0 46	10 52	1 45	31 27	7 40	19 9	18 53	20 5		n.a.
W20	23 22	3n33	3 14	16 57	2 26	23 50	1 44	22 3	0 34	8 32	1 26	9 48	2 10	14 10	0 46	10 53	1 45	31 27	7 40	19 10	18 52	20 3		n.a.
T 21	23 27	9 33	2 11	17 15	2 16	23 37	1 43	22 12	0 35	8 29	1 25	9 48	2 10	14 9	0 46	10 53	1 45	31 27	7 40	19 10	18 51	20 1		n.a.
F 22	23 31	15 2	1 2	17 34	2 7	23 23	1 42	22 21	0 36	8 26	1 25	9 47	2 9	14 9	0 46	10 53	1 45	31 27	7 40	19 10	18 51	19 58		n.a.
S 23	23 35	19 45	0n 9	17 54	1 57	23 9	1 41	22 29	0 36	8 23	1 25	9 47	2 9	14 8	0 46	10 53	1 45	31 27	7 40	19 10	18 50	19 56		n.a.
S 24	23 39	23 27	1 19	18 15	1 48	22 54	1 41	22 38	0 37	8 20	1 24	9 46	2 9	14 7	0 46	10 53	1 45	31 27	7 40	19 10	18 49	19 54		n.a.
M25	23 42	25 57	2 23	18 36	1 38	22 39	1 40	22 46	0 38	8 17	1 24	9 46	2 9	14 7	0 46	10 53	1 45	31 27	7 40	19 10	18 48	19 52		n.a.
T 26	23 44	27 6	3 20	18 58	1 28	22 23	1 38	22 54	0 38	8 14	1 24	9 45	2 8	14 6	0 46	10 53	1 46	31 27	7 40	19 9	18 47	19 50		n.a.
W27	23 46	26 53	4 6	19 21	1 19	22 6	1 37	23 1	0 39	8 11	1 24	9 45	2 8	14 5	0 46	10 53	1 46	31 27	7 40	19 7	18 47	19 48		n.a.
T 28	23 48	25 23	4 41	19 43	1 9	21 49	1 36	23 9	0 39	8 7	1 23	9 45	2 8	14 4	0 46	10 54	1 46	31 27	7 40	19 6	18 46	19 45		n.a.
F 29	23 49	22 45	5 2	20 5	1 0	21 31	1 35	23 16	0 40	8 4	1 23	9 44	2 7	14 4	0 46	10 54	1 46	31 27	7 40	19 4	18 45	19 43		n.a.
S 30	23 50	19 10	5 11	20 27	0 50	21 12	1 33	23 23	0 41	8 1	1 23	9 44	2 7	14 3	0 46	10 54	1 46	31 27	7 40	19 3	18 44	19 41		n.a.
S 31	23s50	14n51	5n 6	20s49	0n41	20s53	1s32	23s29	0s41	7s57	1s22	9n44	2s 7	14s 2	0s46	10n54	1n46	31s27	7s40	19n 2	18n43	19n39		n.a.

Julian Day Number = 1290397.5, Delta T = 07h59m45s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'50, Lahiri = -20°14'50 Julian Calendar 1 Dec. 1181 BCE == Greg. Calendar 20 Nov. 1181 BCE

The year -1180 astronomical counting style corresponds to year 1181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

JANUARY 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 58 42	1♉ 2'06	16♍ 7	6♐15	5♒56	14♐19	13♓24	0°R 7	25♒18	6°R31	4♉ 3	23°R43	22♋31	20♌56	n.a.	M 1
T 2	6 2 38	2° 2'50	28° 6	7°28	7° 9	15° 6	13°32	0♋ 6	25°20	6♍30	4° 5	23°D42	22°28	21° 3	n.a.	T 2
W 3	6 6 35	3° 3'32	10♎15	8°43	8°22	15°53	13°41	0° 5	25°23	6°30	4° 7	23♋42	22°25	21°10	n.a.	W 3
T 4	6 10 31	4° 4'14	22°40	9°59	9°35	16°40	13°50	0° 5	25°25	6°29	4° 9	23°43	22°22	21°17	n.a.	T 4
F 5	6 14 28	5° 4'53	5♏25	11°17	10°47	17°27	13°58	0° 4	25°28	6°28	4°11	23°45	22°19	21°23	n.a.	F 5
S 6	6 18 24	6° 5'32	18°35	12°37	12° 0	18°14	14° 8	0° 3	25°30	6°28	4°12	23°R46	22°16	21°30	n.a.	S 6
S 7	6 22 21	7° 6'09	2♐11	13°57	13°12	19° 1	14°17	0° 3	25°32	6°27	4°14	23°46	22°12	21°37	n.a.	S 7
M 8	6 26 17	8° 6'45	16°13	15°19	14°24	19°47	14°26	0° 2	25°35	6°27	4°16	23°44	22° 9	21°43	n.a.	M 8
T 9	6 30 14	9° 7'19	0♑41	16°42	15°37	20°34	14°35	0° 2	25°38	6°26	4°18	23°39	22° 6	21°50	n.a.	T 9
W10	6 34 11	10° 7'51	15°27	18° 6	16°49	21°21	14°45	0° 2	25°40	6°25	4°20	23°33	22° 3	21°57	n.a.	W10
T 11	6 38 7	11° 8'22	0♒25	19°32	18° 1	22° 8	14°55	0°D 2	25°43	6°24	4°21	23°26	22° 0	22° 4	n.a.	T 11
F 12	6 42 4	12° 8'50	15°25	20°58	19°13	22°55	15° 5	0° 2	25°45	6°24	4°23	23°18	21°57	22°10	n.a.	F 12
S 13	6 46 0	13° 9'17	0♓18	22°26	20°25	23°42	15°14	0° 2	25°48	6°23	4°25	23°11	21°53	22°17	n.a.	S 13
S 14	6 49 57	14° 9'41	14°56	23°55	21°37	24°29	15°24	0° 2	25°51	6°22	4°27	23° 6	21°50	22°24	n.a.	S 14
M15	6 53 53	15°10'03	29°15	25°24	22°49	25°16	15°35	0° 3	25°54	6°21	4°28	23° 2	21°47	22°31	n.a.	M15
T 16	6 57 50	16°10'23	13♈12	26°55	24° 0	26° 3	15°45	0° 3	25°56	6°20	4°30	23°D 1	21°44	22°37	n.a.	T 16
W17	7 1 46	17°10'41	26°47	28°27	25°12	26°50	15°55	0° 4	25°59	6°19	4°32	23° 1	21°41	22°44	n.a.	W17
T 18	7 5 43	18°10'57	10♉ 2	29°59	26°23	27°37	16° 6	0° 5	26° 2	6°18	4°34	23° 2	21°37	22°51	n.a.	T 18
F 19	7 9 40	19°11'11	23° 0	1♑33	27°35	28°24	16°16	0° 6	26° 5	6°18	4°36	23°R 3	21°34	22°57	n.a.	F 19
S 20	7 13 36	20°11'22	5♊44	3° 8	28°46	29°11	16°27	0° 7	26° 8	6°17	4°37	23° 2	21°31	23° 4	n.a.	S 20
S 21	7 17 33	21°11'31	18°15	4°44	29°57	29°58	16°38	0° 8	26°11	6°15	4°39	22°59	21°28	23°11	n.a.	S 21
M22	7 21 29	22°11'38	0♋37	6°21	1♓ 8	0♑45	16°49	0° 9	26°14	6°14	4°41	22°53	21°25	23°18	n.a.	M22
T 23	7 25 26	23°11'43	12°51	7°59	2°19	1°32	17° 0	0°10	26°17	6°13	4°43	22°45	21°22	23°24	n.a.	T 23
W24	7 29 22	24°11'46	24°57	9°38	3°30	2°19	17°11	0°12	26°20	6°12	4°44	22°34	21°18	23°31	n.a.	W24
T 25	7 33 19	25°11'47	6♌58	11°18	4°41	3° 6	17°22	0°13	26°23	6°11	4°46	22°22	21°15	23°38	n.a.	T 25
F 26	7 37 15	26°11'46	18°54	12°59	5°51	3°53	17°33	0°15	26°26	6°10	4°48	22°10	21°12	23°45	n.a.	F 26
S 27	7 41 12	27°11'43	0♍47	14°41	7° 2	4°40	17°45	0°17	26°29	6° 9	4°49	21°58	21° 9	23°51	n.a.	S 27
S 28	7 45 9	28°11'38	12°38	16°25	8°12	5°27	17°56	0°19	26°32	6° 8	4°51	21°47	21° 6	23°58	n.a.	S 28
M29	7 49 5	29°11'31	24°31	18° 9	9°22	6°14	18° 8	0°21	26°35	6° 6	4°53	21°40	21° 3	24° 5	n.a.	M29
T 30	7 53 2	0♒11'22	6♎29	19°55	10°32	7° 1	18°19	0°23	26°38	6° 5	4°54	21°34	20°59	24°11	n.a.	T 30
W31	7 56 58	1♒11'11	18♎36	21♑41	11♓42	7♑48	18♓31	0♋25	26♒41	6♍ 4	4♑56	21♋32	20♋56	24♌18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s50	9n58	4n48	21 s11	0n32	20 s33	1 s30	23 s35	0 s42	7 s54	1 s22	9n44	2 s 7	14 s 1	0 s46	10n54	1n46	31 s27	7 s40	19n 1	18n42	19n37			n.a.
T 2	23 49	4 41	4 17	21 32	0 23	20 13	1 28	23 41	0 42	7 50	1 22	9 44	2 6	14 0	0 46	10 55	1 46	31 27	7 40	19 0	18 42	19 34			n.a.
W 3	23 48	0 s51	3 34	21 53	0 15	19 52	1 27	23 47	0 43	7 46	1 22	9 44	2 6	14 0	0 46	10 55	1 46	31 27	7 40	19 0	18 41	19 32			n.a.
T 4	23 46	6 29	2 41	22 13	0 6	19 31	1 25	23 53	0 44	7 43	1 21	9 44	2 6	13 59	0 46	10 55	1 46	31 27	7 41	19 1	18 40	19 30			n.a.
F 5	23 44	12 1	1 38	22 33	0 s 2	19 9	1 23	23 58	0 44	7 39	1 21	9 44	2 5	13 58	0 46	10 55	1 46	31 27	7 41	19 1	18 39	19 28			n.a.
S 6	23 42	17 11	0 28	22 52	0 11	18 46	1 21	24 3	0 45	7 35	1 21	9 44	2 5	13 57	0 46	10 56	1 46	31 27	7 41	19 1	18 38	19 26			n.a.
S 7	23 39	21 41	0 s45	23 10	0 18	18 23	1 19	24 8	0 45	7 31	1 21	9 44	2 5	13 56	0 46	10 56	1 46	31 27	7 41	19 1	18 37	19 23			n.a.
M 8	23 35	25 4	1 58	23 27	0 26	18 0	1 17	24 12	0 46	7 27	1 20	9 44	2 4	13 55	0 46	10 56	1 46	31 27	7 41	19 1	18 37	19 21			n.a.
T 9	23 31	26 56	3 6	23 43	0 34	17 36	1 14	24 16	0 47	7 23	1 20	9 44	2 4	13 54	0 46	10 57	1 46	31 27	7 41	19 0	18 36	19 19			n.a.
W10	23 27	26 56	4 2	23 58	0 41	17 12	1 12	24 20	0 47	7 19	1 20	9 44	2 4	13 53	0 46	10 57	1 46	31 27	7 41	18 58	18 35	19 17			n.a.
T 11	23 22	24 59	4 43	24 13	0 48	16 47	1 10	24 24	0 48	7 15	1 19	9 45	2 4	13 53	0 46	10 57	1 47	31 27	7 41	18 56	18 34	19 14			n.a.
F 12	23 16	21 18	5 4	24 26	0 55	16 22	1 7	24 27	0 48	7 11	1 19	9 45	2 3	13 52	0 46	10 58	1 47	31 27	7 41	18 54	18 33	19 12			n.a.
S 13	23 10	16 17	5 4	24 38	1 1	15 56	1 5	24 30	0 49	7 7	1 19	9 45	2 3	13 51	0 46	10 58	1 47	31 27	7 41	18 53	18 32	19 10			n.a.
S 14	23 4	10 24	4 45	24 49	1 7	15 30	1 2	24 32	0 49	7 3	1 19	9 46	2 3	13 50	0 46	10 58	1 47	31 27	7 41	18 51	18 32	19 7			n.a.
M15	22 57	4 5	4 8	24 59	1 13	15 4	0 59	24 35	0 50	6 59	1 19	9 46	2 2	13 49	0 46	10 59	1 47	31 27	7 41	18 50	18 31	19 5			n.a.
T 16	22 50	2n17	3 17	25 7	1 19	14 37	0 56	24 37	0 50	6 55	1 18	9 47	2 2	13 48	0 46	10 59	1 47	31 27	7 42	18 50	18 30	19 3			n.a.
W17	22 43	8 23	2 16	25 14	1 24	14 10	0 54	24 39	0 51	6 50	1 18	9 47	2 2	13 47	0 46	10 59	1 47	31 27	7 42	18 50	18 29	19 1			n.a.
T 18	22 35	13 59	1 9	25 20	1 30	13 43	0 51	24 40	0 52	6 46	1 18	9 48	2 2	13 46	0 46	11 0	1 47	31 27	7 42	18 50	18 28	18 58			n.a.
F 19	22 26	18 50	0 0	25 24	1 34	13 15	0 48	24 42	0 52	6 41	1 18	9 48	2 1	13 45	0 46	11 0	1 47	31 27	7 42	18 51	18 27	18 56			n.a.
S 20	22 17	22 43	1n 7	25 27	1 39	12 47	0 45	24 43	0 53	6 37	1 17	9 49	2 1	13 44	0 46	11 1	1 47	31 27	7 42	18 50	18 27	18 54			n.a.
S 21	22 8	25 28	2 10	25 28	1 43	12 19	0 41	24 43	0 53	6 33	1 17	9 50	2 1	13 43	0 45	11 1	1 47	31 27	7 42	18 49	18 26	18 51			n.a.
M22	21 58	26 57	3 6	25 27	1 47	11 51	0 38	24 44	0 54	6 28	1 17	9 50	2 0	13 42	0 45	11 2	1 47	31 27	7 42	18 48	18 25	18 49			n.a.
T 23	21 48	27 4	3 53	25 25	1 50	11 22	0 35	24 44	0 54	6 24	1 17	9 51	2 0	13 41	0 45	11 2	1 47	31 27	7 42	18 46	18 24	18 47			n.a.
W24	21 38	25 53	4 28	25 22	1 53	10 53	0 32	24 44	0 55	6 19	1 16	9 52	2 0	13 40	0 45	11 2	1 47	31 27	7 42	18 43	18 23	18 44			n.a.
T 25	21 27	23 32	4 52	25 16	1 56	10 23	0 28	24 43	0 55	6 14	1 16	9 53	1 59	13 38	0 45	11 3	1 47	31 27	7 43	18 40	18 22	18 42			n.a.
F 26	21 16	20 10	5 2	25 9	1 58	9 54	0 25	24 42	0 56	6 10	1 16	9 54	1 59	13 37	0 45	11 3	1 47	31 27	7 43	18 37	18 21	18 40			n.a.
S 27	21 4	16 1	4 59	25 0	2 0	9 24	0 21	24 41	0 56	6 5	1 16	9 54	1 59	13 36	0 45	11 4	1 47	31 27	7 43	18 34	18 21	18 37			n.a.
S 28	20 52	11 16	4 43	24 49	2 1	8 54	0 18	24 40	0 57	6 0	1 16	9 55	1 59	13 35	0 45	11 4	1 47	31 27	7 43	18 31	18 20	18 35			n.a.
M29	20 39	6 6	4 15	24 36	2 2	8 24	0 14	24 38	0 57	5 55	1 15	9 56	1 58	13 34	0 45	11 5	1 47	31 28	7 43	18 29	18 19	18 33			n.a.
T 30	20 27	0 40	3 35	24 22	2 3	7 54	0 10	24 36	0 58	5 51	1 15	9 57	1 58	13 33	0 45	11 5	1 48	31 28	7 43	18 27	18 18	18 30			n.a.
W31	20 s14	4 s52	2n45	24 s 5	2 s 3	7 s23	0 s 6	24 s34	0 s58	5 s46	1 s15	9n58	1 s58	13 s32	0 s45	11n 6	1n48	31 s28	7 s43	18n27	18n17	18n28			n.a.

Julian Day Number = 1290428.5, Delta T = 07h59m44s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'46, Lahiri = -20°14'45 Julian Calendar 1 Jan. 1180 BCE == Greg. Calendar 21 Dec. 1181 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

FEBRUARY 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 55	2♒10'58	0♏57	23♑29	12♓52	8♑34	18♓43	0♉27	26♒44	6°R 3	4♑58	21°D31	20♉53	24♌25	n.a.	T 1
F 2	8 4 51	3°10'44	13°37	25°18	14° 2	9°21	18°55	0°30	26°48	6♍ 1	4°59	21♉31	20°50	24°32	n.a.	F 2
S 3	8 8 48	4°10'28	26°40	27° 9	15°11	10° 8	19° 7	0°32	26°51	6° 0	5° 1	21°R31	20°47	24°38	n.a.	S 3
S 4	8 12 44	5°10'10	10♐11	29° 0	16°21	10°55	19°19	0°35	26°54	5°59	5° 3	21°30	20°43	24°45	n.a.	S 4
M 5	8 16 41	6° 9'50	24°11	0♒53	17°30	11°42	19°31	0°38	26°57	5°57	5° 4	21°26	20°40	24°52	n.a.	M 5
T 6	8 20 37	7° 9'28	8♑41	2°46	18°39	12°29	19°43	0°41	27° 1	5°56	5° 6	21°20	20°37	24°59	n.a.	T 6
W 7	8 24 34	8° 9'04	23°35	4°41	19°48	13°16	19°55	0°44	27° 4	5°55	5° 7	21°11	20°34	25° 5	n.a.	W 7
T 8	8 28 31	9° 8'38	8♒46	6°37	20°57	14° 3	20° 8	0°47	27° 7	5°53	5° 9	21° 1	20°31	25°12	n.a.	T 8
F 9	8 32 27	10° 8'10	24° 4	8°34	22° 5	14°50	20°20	0°50	27°10	5°52	5°10	20°50	20°28	25°19	n.a.	F 9
S 10	8 36 24	11° 7'40	9♓17	10°32	23°14	15°37	20°32	0°53	27°14	5°50	5°12	20°39	20°24	25°25	n.a.	S 10
S 11	8 40 20	12° 7'07	24°15	12°31	24°22	16°24	20°45	0°56	27°17	5°49	5°13	20°31	20°21	25°32	n.a.	S 11
M12	8 44 17	13° 6'31	8♈50	14°31	25°30	17°11	20°58	1° 0	27°20	5°47	5°15	20°25	20°18	25°39	n.a.	M12
T 13	8 48 13	14° 5'54	22°58	16°32	26°38	17°57	21°10	1° 3	27°24	5°46	5°16	20°21	20°15	25°46	n.a.	T 13
W14	8 52 10	15° 5'13	6♉39	18°33	27°46	18°44	21°23	1° 7	27°27	5°44	5°18	20°20	20°12	25°52	n.a.	W14
T 15	8 56 6	16° 4'31	19°54	20°35	28°54	19°31	21°36	1°11	27°30	5°43	5°19	20°20	20° 9	25°59	n.a.	T 15
F 16	9 0 3	17° 3'46	2♊47	22°37	0♈ 1	20°18	21°49	1°15	27°34	5°41	5°21	20°20	20° 5	26° 6	n.a.	F 16
S 17	9 4 0	18° 2'58	15°22	24°39	1° 8	21° 5	22° 2	1°19	27°37	5°40	5°22	20°18	20° 2	26°12	n.a.	S 17
S 18	9 7 56	19° 2'08	27°43	26°41	2°15	21°51	22°15	1°23	27°40	5°38	5°24	20°14	19°59	26°19	n.a.	S 18
M19	9 11 53	20° 1'16	9♋53	28°42	3°22	22°38	22°28	1°27	27°44	5°37	5°25	20° 7	19°56	26°26	n.a.	M19
T 20	9 15 49	21° 0'21	21°56	0♓43	4°29	23°25	22°41	1°31	27°47	5°35	5°26	19°57	19°53	26°33	n.a.	T 20
W21	9 19 46	21°59'24	3♌54	2°42	5°35	24°11	22°54	1°35	27°51	5°34	5°28	19°45	19°49	26°39	n.a.	W21
T 22	9 23 42	22°58'25	15°49	4°40	6°41	24°58	23° 7	1°40	27°54	5°32	5°29	19°31	19°46	26°46	n.a.	T 22
F 23	9 27 39	23°57'23	27°42	6°36	7°47	25°45	23°20	1°44	27°57	5°30	5°30	19°17	19°43	26°53	n.a.	F 23
S 24	9 31 35	24°56'19	9♍34	8°30	8°53	26°31	23°34	1°49	28° 1	5°29	5°32	19° 3	19°40	27° 0	n.a.	S 24
S 25	9 35 32	25°55'14	21°28	10°21	9°58	27°18	23°47	1°53	28° 4	5°27	5°33	18°51	19°37	27° 6	n.a.	S 25
M26	9 39 28	26°54'06	3♎24	12° 9	11° 4	28° 5	24° 0	1°58	28° 8	5°26	5°34	18°41	19°34	27°13	n.a.	M26
T 27	9 43 25	27°52'56	15°26	13°54	12° 8	28°51	24°14	2° 3	28°11	5°24	5°35	18°34	19°30	27°20	n.a.	T 27
W28	9 47 22	28♒51'44	27♎35	15♓35	13♈13	29♑38	24♓27	2♉ 8	28♒15	5♍22	5♑36	18♉30	19♉27	27♌26	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 0	10s20	1n47	23s46	2s 3	6s53	0s 3	24s32	0s59	5s41	1s15	10n 0	1s57	13s31	0s45	11n 6	1n48	31s28	7s44	18n26	18n16	18n26		n.a.
F 2	19 46	15 31	0 42	23 26	2 2	6 22	0n 1	24 29	0 59	5 36	1 15	10 1	1 57	13 30	0 45	11 7	1 48	31 28	7 44	18 27	18 16	18 23		n.a.
S 3	19 32	20 11	0s27	23 3	2 1	5 51	0 5	24 26	1 0	5 31	1 14	10 2	1 57	13 29	0 45	11 7	1 48	31 28	7 44	18 27	18 15	18 21		n.a.
S 4	19 17	23 57	1 37	22 38	1 59	5 20	0 9	24 23	1 0	5 26	1 14	10 3	1 57	13 27	0 45	11 8	1 48	31 28	7 44	18 26	18 14	18 19		n.a.
M 5	19 3	26 26	2 44	22 11	1 57	4 49	0 13	24 19	1 0	5 21	1 14	10 4	1 56	13 26	0 45	11 9	1 48	31 28	7 44	18 25	18 13	18 16		n.a.
T 6	18 47	27 14	3 42	21 43	1 54	4 18	0 17	24 15	1 1	5 16	1 14	10 6	1 56	13 25	0 45	11 9	1 48	31 28	7 44	18 24	18 12	18 14		n.a.
W 7	18 32	26 7	4 27	21 12	1 50	3 47	0 21	24 11	1 1	5 11	1 14	10 7	1 56	13 24	0 45	11 10	1 48	31 28	7 45	18 21	18 11	18 11		n.a.
T 8	18 16	23 5	4 54	20 38	1 46	3 15	0 25	24 6	1 2	5 6	1 14	10 8	1 55	13 23	0 45	11 10	1 48	31 28	7 45	18 18	18 10	18 9		n.a.
F 9	18 0	18 25	5 0	20 3	1 42	2 44	0 30	24 2	1 2	5 1	1 13	10 10	1 55	13 22	0 45	11 11	1 48	31 29	7 45	18 15	18 10	18 7		n.a.
S 10	17 43	12 36	4 45	19 26	1 37	2 13	0 34	23 57	1 3	4 56	1 13	10 11	1 55	13 20	0 45	11 11	1 48	31 29	7 45	18 13	18 9	18 4		n.a.
S 11	17 27	6 9	4 11	18 47	1 31	1 41	0 38	23 51	1 3	4 50	1 13	10 12	1 55	13 19	0 45	11 12	1 48	31 29	7 45	18 10	18 8	18 2		n.a.
M12	17 10	0n30	3 20	18 6	1 25	1 10	0 42	23 46	1 4	4 45	1 13	10 14	1 54	13 18	0 45	11 13	1 48	31 29	7 46	18 9	18 7	17 59		n.a.
T 13	16 52	6 55	2 19	17 23	1 18	0 39	0 47	23 40	1 4	4 40	1 13	10 15	1 54	13 17	0 45	11 13	1 48	31 29	7 46	18 8	18 6	17 57		n.a.
W14	16 35	12 50	1 12	16 38	1 10	0 7	0 51	23 34	1 4	4 35	1 13	10 17	1 54	13 16	0 45	11 14	1 48	31 29	7 46	18 8	18 5	17 54		n.a.
T 15	16 17	17 58	0 2	15 51	1 2	0n24	0 55	23 27	1 5	4 29	1 12	10 18	1 53	13 15	0 45	11 14	1 48	31 29	7 46	18 8	18 4	17 52		n.a.
F 16	15 59	22 8	1n 5	15 3	0 54	0 55	1 0	23 21	1 5	4 24	1 12	10 20	1 53	13 13	0 45	11 15	1 48	31 29	7 46	18 7	18 3	17 50		n.a.
S 17	15 40	25 8	2 8	14 13	0 44	1 26	1 4	23 14	1 5	4 19	1 12	10 22	1 53	13 12	0 45	11 16	1 48	31 30	7 47	18 7	18 3	17 47		n.a.
S 18	15 22	26 52	3 3	13 22	0 35	1 57	1 9	23 7	1 6	4 13	1 12	10 23	1 53	13 11	0 45	11 16	1 48	31 30	7 47	18 6	18 2	17 45		n.a.
M19	15 3	27 17	3 50	12 30	0 24	2 29	1 13	22 59	1 6	4 8	1 12	10 25	1 52	13 10	0 45	11 17	1 48	31 30	7 47	18 4	18 1	17 42		n.a.
T 20	14 44	26 22	4 25	11 37	0 14	2 59	1 18	22 52	1 7	4 3	1 12	10 27	1 52	13 9	0 45	11 17	1 48	31 30	7 47	18 1	18 0	17 40		n.a.
W21	14 25	24 15	4 48	10 43	0 2	3 30	1 22	22 44	1 7	3 57	1 12	10 28	1 52	13 7	0 45	11 18	1 48	31 30	7 47	17 58	17 59	17 37		n.a.
T 22	14 5	21 6	4 59	9 49	0n 9	4 1	1 26	22 36	1 7	3 52	1 11	10 30	1 52	13 6	0 45	11 19	1 48	31 30	7 48	17 54	17 58	17 35		n.a.
F 23	13 45	17 5	4 56	8 55	0 21	4 32	1 31	22 27	1 8	3 46	1 11	10 32	1 51	13 5	0 45	11 19	1 48	31 31	7 48	17 50	17 57	17 32		n.a.
S 24	13 25	12 25	4 41	8 1	0 33	5 2	1 35	22 19	1 8	3 41	1 11	10 34	1 51	13 4	0 45	11 20	1 48	31 31	7 48	17 46	17 57	17 30		n.a.
S 25	13 5	7 18	4 13	7 7	0 45	5 32	1 40	22 10	1 8	3 36	1 11	10 36	1 51	13 3	0 45	11 20	1 48	31 31	7 48	17 43	17 56	17 27		n.a.
M26	12 45	1 53	3 34	6 14	0 57	6 3	1 44	22 1	1 9	3 30	1 11	10 38	1 51	13 1	0 45	11 21	1 48	31 31	7 48	17 40	17 55	17 25		n.a.
T 27	12 24	3s38	2 45	5 22	1 9	6 33	1 49	21 51	1 9	3 24	1 11	10 40	1 50	13 0	0 45	11 22	1 48	31 31	7 49	17 38	17 54	17 22		n.a.
W28	12s 4	9s 7	1n48	4s32	1n21	7n 2	1n53	21s42	1s 9	3s19	1s11	10n41	1s50	12s59	0s45	11n22	1n48	31s31	7s49	17n37	17n53	17n20		n.a.

Julian Day Number = 1290459.5, Delta T = 07h59m42s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'42, Lahiri = -20°14'41 Julian Calendar 1 Feb. 1180 BCE == Greg. Calendar 21 Jan. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

MARCH 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 18	29♒50'30	9♏57	17♓11	14♈18	0♒24	24♓41	2♉13	28♒18	5°R21	5♑38	18°R29	19♉24	27♌33	n.a.	T 1
F 2	9 55 15	0♓49'14	22°35	18°44	15°22	1°11	24°54	2°18	28°21	5♏19	5°39	18°D29	19°21	27°40	n.a.	F 2
S 3	9 59 11	1°47'57	5♐34	20°12	16°26	1°57	25° 8	2°23	28°25	5°17	5°40	18°R29	19°18	27°47	n.a.	S 3
S 4	10 3 8	2°46'38	18°57	21°35	17°29	2°44	25°21	2°28	28°28	5°16	5°41	18♉28	19°14	27°53	n.a.	S 4
M 5	10 7 4	3°45'17	2♑49	22°53	18°33	3°30	25°35	2°33	28°32	5°14	5°42	18°25	19°11	28° 0	n.a.	M 5
T 6	10 11 1	4°43'54	17° 9	24° 6	19°36	4°16	25°49	2°39	28°35	5°13	5°43	18°20	19° 8	28° 7	n.a.	T 6
W 7	10 14 57	5°42'30	1♒55	25°13	20°38	5° 3	26° 2	2°44	28°38	5°11	5°44	18°12	19° 5	28°14	n.a.	W 7
T 8	10 18 54	6°41'04	17° 1	26°14	21°41	5°49	26°16	2°50	28°42	5° 9	5°45	18° 3	19° 2	28°20	n.a.	T 8
F 9	10 22 51	7°39'35	2♓19	27°11	22°43	6°35	26°30	2°55	28°45	5° 8	5°46	17°52	18°59	28°27	n.a.	F 9
S 10	10 26 47	8°38'05	17°37	28° 1	23°45	7°22	26°44	3° 1	28°49	5° 6	5°47	17°42	18°55	28°34	n.a.	S 10
S 11	10 30 44	9°36'32	2♈43	28°45	24°46	8° 8	26°58	3° 7	28°52	5° 4	5°48	17°34	18°52	28°40	n.a.	S 11
M12	10 34 40	10°34'57	17°29	29°24	25°47	8°54	27°11	3°12	28°55	5° 3	5°49	17°29	18°49	28°47	n.a.	M12
T 13	10 38 37	11°33'20	1♉48	29°56	26°48	9°40	27°25	3°18	28°59	5° 1	5°50	17°26	18°46	28°54	n.a.	T 13
W14	10 42 33	12°31'41	15°38	0♈22	27°48	10°26	27°39	3°24	29° 2	4°59	5°51	17°D25	18°43	29° 1	n.a.	W14
T 15	10 46 30	13°30'00	29° 0	0°43	28°48	11°12	27°53	3°30	29° 5	4°58	5°52	17°25	18°40	29° 7	n.a.	T 15
F 16	10 50 26	14°28'16	11♊57	0°57	29°48	11°58	28° 7	3°36	29° 9	4°56	5°53	17°R25	18°36	29°14	n.a.	F 16
S 17	10 54 23	15°26'31	24°32	1° 6	0♉47	12°44	28°21	3°42	29°12	4°55	5°54	17°25	18°33	29°21	n.a.	S 17
S 18	10 58 19	16°24'43	6♋51	1°R 9	1°45	13°30	28°35	3°49	29°15	4°53	5°54	17°23	18°30	29°27	n.a.	S 18
M19	11 2 16	17°22'53	18°58	1° 6	2°44	14°16	28°49	3°55	29°19	4°51	5°55	17°18	18°27	29°34	n.a.	M19
T 20	11 6 13	18°21'01	0♌56	0°58	3°42	15° 2	29° 3	4° 1	29°22	4°50	5°56	17°12	18°24	29°41	n.a.	T 20
W21	11 10 9	19°19'07	12°50	0°45	4°39	15°48	29°17	4° 8	29°25	4°48	5°57	17° 3	18°20	29°48	n.a.	W21
T 22	11 14 6	20°17'10	24°42	0°27	5°36	16°34	29°31	4°14	29°28	4°47	5°57	16°53	18°17	29°54	n.a.	T 22
F 23	11 18 2	21°15'12	6♍34	0° 5	6°32	17°19	29°45	4°20	29°32	4°45	5°58	16°42	18°14	0♍ 1	n.a.	F 23
S 24	11 21 59	22°13'12	18°29	29♓38	7°28	18° 5	29°59	4°27	29°35	4°44	5°59	16°32	18°11	0° 8	n.a.	S 24
S 25	11 25 55	23°11'10	0♎27	29° 9	8°23	18°51	0♈13	4°34	29°38	4°42	5°59	16°23	18° 8	0°15	n.a.	S 25
M26	11 29 52	24° 9'07	12°31	28°36	9°18	19°36	0°27	4°40	29°41	4°40	6° 0	16°16	18° 5	0°21	n.a.	M26
T 27	11 33 48	25° 7'02	24°41	28° 1	10°12	20°22	0°42	4°47	29°44	4°39	6° 1	16°11	18° 1	0°28	n.a.	T 27
W28	11 37 45	26° 4'55	7♏ 0	27°25	11° 5	21° 8	0°56	4°54	29°48	4°37	6° 1	16° 9	17°58	0°35	n.a.	W28
T 29	11 41 41	27° 2'47	19°31	26°47	11°58	21°53	1°10	5° 0	29°51	4°36	6° 2	16°D 8	17°55	0°41	n.a.	T 29
F 30	11 45 38	28° 0'37	2♐15	26°10	12°51	22°39	1°24	5° 7	29°54	4°34	6° 2	16° 9	17°52	0°48	n.a.	F 30
S 31	11 49 35	28♓58'26	15♐17	25♓32	13♉42	23♒24	1♈38	5♉14	29♒57	4♍33	6♑ 3	16♉10	17♉49	0♍55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s43	14s20	0n45	3s43	1n33	7n32	1n58	21s32	1s10	3s13	1s10	10n43	1s50	12s58	0s45	11n23	1n48	31s32	7s49	17n37	17n52	17n17			n.a.
F 2	11 22	19 4	0s22	2 55	1 45	8 1	2 2	21 22	1 10	3 8	1 10	10 45	1 50	12 57	0 45	11 24	1 48	31 32	7 49	17 37	17 51	17 15			n.a.
S 3	11 1	23 3	1 29	2 10	1 56	8 31	2 7	21 12	1 10	3 2	1 10	10 47	1 49	12 55	0 45	11 24	1 48	31 32	7 50	17 37	17 50	17 12			n.a.
S 4	10 39	25 55	2 34	1 27	2 7	9 0	2 11	21 1	1 10	2 57	1 10	10 49	1 49	12 54	0 45	11 25	1 48	31 32	7 50	17 37	17 50	17 10			n.a.
M 5	10 18	27 20	3 32	0 47	2 17	9 28	2 16	20 50	1 11	2 51	1 10	10 51	1 49	12 53	0 45	11 25	1 48	31 32	7 50	17 36	17 49	17 7			n.a.
T 6	9 56	26 59	4 19	0 9	2 27	9 57	2 20	20 39	1 11	2 45	1 10	10 54	1 49	12 52	0 45	11 26	1 48	31 32	7 50	17 34	17 48	17 5			n.a.
W 7	9 34	24 46	4 50	0n26	2 36	10 25	2 25	20 28	1 11	2 40	1 10	10 56	1 49	12 51	0 45	11 27	1 49	31 33	7 51	17 32	17 47	17 2			n.a.
T 8	9 12	20 46	5 2	0 59	2 44	10 53	2 29	20 17	1 11	2 34	1 10	10 58	1 48	12 49	0 45	11 27	1 49	31 33	7 51	17 29	17 46	17 0			n.a.
F 9	8 50	15 21	4 52	1 28	2 51	11 20	2 33	20 5	1 12	2 28	1 10	11 0	1 48	12 48	0 45	11 28	1 49	31 33	7 51	17 26	17 45	16 57			n.a.
S 10	8 28	8 59	4 22	1 54	2 58	11 48	2 38	19 54	1 12	2 23	1 9	11 2	1 48	12 47	0 45	11 29	1 49	31 33	7 51	17 24	17 44	16 55			n.a.
S 11	8 6	2 10	3 34	2 17	3 3	12 15	2 42	19 42	1 12	2 17	1 9	11 4	1 48	12 46	0 45	11 29	1 49	31 33	7 52	17 21	17 43	16 52			n.a.
M12	7 43	4n38	2 32	2 37	3 8	12 42	2 46	19 30	1 12	2 11	1 9	11 6	1 47	12 45	0 45	11 30	1 49	31 34	7 52	17 20	17 42	16 49			n.a.
T 13	7 21	11 1	1 22	2 53	3 11	13 8	2 50	19 17	1 13	2 6	1 9	11 9	1 47	12 43	0 45	11 30	1 49	31 34	7 52	17 19	17 42	16 47			n.a.
W14	6 58	16 38	0 9	3 6	3 14	13 34	2 54	19 5	1 13	2 0	1 9	11 11	1 47	12 42	0 45	11 31	1 49	31 34	7 52	17 19	17 41	16 44			n.a.
T 15	6 35	21 16	1n 1	3 16	3 15	14 0	2 58	18 52	1 13	1 54	1 9	11 13	1 47	12 41	0 45	11 32	1 49	31 34	7 53	17 19	17 40	16 42			n.a.
F 16	6 13	24 41	2 7	3 21	3 15	14 25	3 2	18 39	1 13	1 49	1 9	11 15	1 47	12 40	0 45	11 32	1 49	31 35	7 53	17 19	17 39	16 39			n.a.
S 17	5 50	26 47	3 4	3 24	3 13	14 50	3 6	18 26	1 13	1 43	1 9	11 18	1 46	12 39	0 45	11 33	1 49	31 35	7 53	17 19	17 38	16 37			n.a.
S 18	5 27	27 31	3 52	3 22	3 11	15 15	3 10	18 13	1 14	1 37	1 9	11 20	1 46	12 38	0 45	11 33	1 49	31 35	7 53	17 18	17 37	16 34			n.a.
M19	5 4	26 53	4 28	3 18	3 7	15 39	3 14	18 0	1 14	1 31	1 9	11 22	1 46	12 36	0 45	11 34	1 49	31 35	7 54	17 17	17 36	16 31			n.a.
T 20	4 41	25 2	4 52	3 9	3 1	16 3	3 18	17 46	1 14	1 26	1 9	11 25	1 46	12 35	0 45	11 35	1 49	31 35	7 54	17 15	17 35	16 29			n.a.
W21	4 18	22 4	5 3	2 58	2 55	16 26	3 22	17 33	1 14	1 20	1 8	11 27	1 46	12 34	0 45	11 35	1 49	31 36	7 54	17 12	17 34	16 26			n.a.
T 22	3 55	18 13	5 1	2 43	2 47	16 49	3 25	17 19	1 14	1 14	1 8	11 29	1 45	12 33	0 45	11 36	1 48	31 36	7 54	17 9	17 34	16 24			n.a.
F 23	3 31	13 40	4 46	2 26	2 37	17 12	3 29	17 5	1 14	1 8	1 8	11 32	1 45	12 32	0 45	11 36	1 48	31 36	7 55	17 6	17 33	16 21			n.a.
S 24	3 8	8 35	4 19	2 5	2 27	17 34	3 32	16 51	1 15	1 3	1 8	11 34	1 45	12 31	0 45	11 37	1 48	31 36	7 55	17 3	17 32	16 18			n.a.
S 25	2 45	3 10	3 40	1 43	2 15	17 55	3 36	16 36	1 15	0 57	1 8	11 37	1 45	12 30	0 45	11 37	1 48	31 37	7 55	17 1	17 31	16 16			n.a.
M26	2 22	2s25	2 50	1 18	2 2	18 17	3 39	16 22	1 15	0 51	1 8	11 39	1 45	12 28	0 45	11 38	1 48	31 37	7 56	16 59	17 30	16 13			n.a.
T 27	1 58	7 58	1 53	0 51	1 48	18 37	3 42	16 7	1 15	0 45	1 8	11 42	1 44	12 27	0 45	11 39	1 48	31 37	7 56	16 57	17 29	16 10			n.a.
W28	1 35	13 18	0 49	0 22	1 33	18 58	3 45	15 52	1 15	0 40	1 8	11 44	1 44	12 26	0 45	11 39	1 48	31 37	7 56	16 57	17 28	16 8			n.a.
T 29	1 12	18 11	0s18	0s 7	1 18	19 17	3 48	15 38	1 15	0 34	1 8	11 46	1 44	12 25	0 45	11 40	1 48	31 38	7 56	16 56	17 27	16 5			n.a.
F 30	0 48	22 21	1 26	0 37	1 2	19 37	3 51	15 23	1 15	0 28	1 8	11 49	1 44	12 24	0 45	11 40	1 48	31 38	7 57	16 57	17 26	16 3			n.a.
S 31	0s25	25s30	2s31	1s 7	0n45	19n55	3n54	15s 7	1s15	0s22	1s 8	11n51	1s44	12s23	0s45	11n41	1n48	31s38	7s57	16n57	17n25	16n 0			n.a.

Julian Day Number = 1290487.5, Delta T = 07h59m41s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'38, Lahiri = -20°14'37 Julian Calendar 1 March 1180 BCE == Greg. Calendar 18 Feb. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

APRIL 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 31	29♓56'14	28♐40	24°R56	14♉33	24♒ 9	1♈52	5♉21	29♒59	4°R32	6♎ 3	16°R11	17♉46	1♍ 2	n.a.	S 1
M 2	11 57 28	0♈54'00	12♎24	24♓22	15°24	24°55	2° 6	5°28	0♓ 3	4♍30	6° 4	16♉11	17°42	1° 8	n.a.	M 2
T 3	12 1 24	1°51'45	26°33	23°49	16°13	25°40	2°20	5°35	0° 6	4°29	6° 4	16° 8	17°39	1°15	n.a.	T 3
W 4	12 5 21	2°49'29	11♒ 4	23°20	17° 2	26°25	2°34	5°42	0° 9	4°27	6° 4	16° 4	17°36	1°22	n.a.	W 4
T 5	12 9 17	3°47'12	25°54	22°53	17°50	27°10	2°49	5°49	0°12	4°26	6° 5	15°59	17°33	1°28	n.a.	T 5
F 6	12 13 14	4°44'53	10♓55	22°30	18°37	27°56	3° 3	5°56	0°15	4°24	6° 5	15°53	17°30	1°35	n.a.	F 6
S 7	12 17 10	5°42'33	26° 0	22°11	19°24	28°41	3°17	6° 4	0°18	4°23	6° 5	15°47	17°26	1°42	n.a.	S 7
S 8	12 21 7	6°40'11	10♈58	21°56	20° 9	29°26	3°31	6°11	0°21	4°22	6° 6	15°42	17°23	1°49	n.a.	S 8
M 9	12 25 4	7°37'48	25°40	21°45	20°54	0♓11	3°45	6°18	0°24	4°20	6° 6	15°39	17°20	1°55	n.a.	M 9
T 10	12 29 0	8°35'24	10♉ 1	21°39	21°38	0°56	3°59	6°25	0°27	4°19	6° 6	15°D37	17°17	2° 2	n.a.	T 10
W11	12 32 57	9°32'58	23°56	21°D37	22°21	1°41	4°13	6°33	0°29	4°18	6° 6	15°37	17°14	2° 9	n.a.	W11
T 12	12 36 53	10°30'31	7♊24	21°40	23° 3	2°25	4°27	6°40	0°32	4°17	6° 6	15°39	17°11	2°15	n.a.	T 12
F 13	12 40 50	11°28'02	20°26	21°47	23°43	3°10	4°41	6°48	0°35	4°15	6° 6	15°40	17° 7	2°22	n.a.	F 13
S 14	12 44 46	12°25'31	3♋ 6	21°59	24°23	3°55	4°55	6°55	0°38	4°14	6° 7	15°41	17° 4	2°29	n.a.	S 14
S 15	12 48 43	13°22'59	15°28	22°16	25° 1	4°40	5°10	7° 2	0°40	4°13	6° 7	15°R42	17° 1	2°36	n.a.	S 15
M16	12 52 39	14°20'26	27°35	22°36	25°39	5°24	5°24	7°10	0°43	4°12	6° 7	15°41	16°58	2°42	n.a.	M16
T 17	12 56 36	15°17'51	9♌34	23° 1	26°15	6° 9	5°38	7°18	0°46	4°11	6° 7	15°39	16°55	2°49	n.a.	T 17
W18	13 0 33	16°15'15	21°27	23°31	26°50	6°53	5°52	7°25	0°48	4°10	6°R 7	15°35	16°51	2°56	n.a.	W18
T 19	13 4 29	17°12'37	3♍19	24° 4	27°23	7°38	6° 5	7°33	0°51	4° 8	6° 7	15°31	16°48	3° 3	n.a.	T 19
F 20	13 8 26	18° 9'58	15°13	24°42	27°55	8°22	6°19	7°40	0°54	4° 7	6° 7	15°26	16°45	3° 9	n.a.	F 20
S 21	13 12 22	19° 7'18	27°11	25°23	28°26	9° 7	6°33	7°48	0°56	4° 6	6° 7	15°22	16°42	3°16	n.a.	S 21
S 22	13 16 19	20° 4'36	9♎17	26° 8	28°55	9°51	6°47	7°56	0°59	4° 5	6° 6	15°18	16°39	3°23	n.a.	S 22
M23	13 20 15	21° 1'54	21°31	26°57	29°23	10°35	7° 1	8° 3	1° 1	4° 4	6° 6	15°15	16°36	3°29	n.a.	M23
T 24	13 24 12	21°59'10	3♏55	27°49	29°49	11°19	7°15	8°11	1° 4	4° 3	6° 6	15°13	16°32	3°36	n.a.	T 24
W25	13 28 8	22°56'26	16°30	28°45	0♊14	12° 3	7°29	8°19	1° 6	4° 2	6° 6	15°D13	16°29	3°43	n.a.	W25
T 26	13 32 5	23°53'41	29°17	29°45	0°36	12°47	7°43	8°26	1° 8	4° 1	6° 6	15°14	16°26	3°50	n.a.	T 26
F 27	13 36 2	24°50'55	12♐17	0♈48	0°57	13°31	7°56	8°34	1°11	4° 0	6° 6	15°15	16°23	3°56	n.a.	F 27
S 28	13 39 58	25°48'09	25°33	1°54	1°17	14°15	8°10	8°42	1°13	4° 0	6° 5	15°16	16°20	4° 3	n.a.	S 28
S 29	13 43 55	26°45'22	9♎ 3	3° 3	1°34	14°59	8°24	8°50	1°15	3°59	6° 5	15°17	16°17	4°10	n.a.	S 29
M30	13 47 51	27♈42'35	22♎50	4♈15	1♊49	15♓43	8♈38	8♉58	1♓17	3♍58	6♎ 5	15°R18	16♉13	4♍16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 2	27s19	3s29	1s37	0n28	20n13	3n56	14s52	1s15	0s17	1s 8	11n54	1s44	12s22	0s45	11n41	1n48	31s38	7s57	16n57	17n25	15n57		n.a.
M 2	0n22	27 31	4 17	2 6	0 11	20 31	3 59	14 37	1 15	0 11	1 8	11 56	1 43	12 21	0 45	11 42	1 48	31 39	7 57	16 57	17 24	15 55		n.a.
T 3	0 45	25 57	4 51	2 35	0s 5	20 48	4 1	14 21	1 15	0 5	1 8	11 59	1 43	12 20	0 45	11 42	1 48	31 39	7 58	16 56	17 23	15 52		n.a.
W 4	1 8	22 39	5 8	3 2	0 22	21 5	4 3	14 6	1 16	0n 1	1 8	12 1	1 43	12 19	0 45	11 43	1 48	31 39	7 58	16 55	17 22	15 49		n.a.
T 5	1 32	17 51	5 4	3 27	0 38	21 21	4 5	13 50	1 16	0 6	1 8	12 4	1 43	12 18	0 45	11 43	1 48	31 39	7 58	16 54	17 21	15 47		n.a.
F 6	1 55	11 54	4 40	3 51	0 54	21 36	4 7	13 34	1 16	0 12	1 7	12 7	1 43	12 17	0 45	11 44	1 48	31 40	7 59	16 52	17 20	15 44		n.a.
S 7	2 18	5 13	3 56	4 12	1 9	21 51	4 9	13 18	1 16	0 18	1 7	12 9	1 43	12 16	0 45	11 44	1 48	31 40	7 59	16 50	17 19	15 41		n.a.
S 8	2 41	1n42	2 57	4 32	1 24	22 6	4 11	13 2	1 16	0 24	1 7	12 12	1 42	12 14	0 45	11 45	1 48	31 40	7 59	16 49	17 18	15 39		n.a.
M 9	3 5	8 26	1 46	4 48	1 37	22 20	4 12	12 46	1 16	0 29	1 7	12 14	1 42	12 13	0 46	11 45	1 48	31 40	7 59	16 48	17 17	15 36		n.a.
T 10	3 28	14 35	0 30	5 3	1 50	22 33	4 14	12 30	1 16	0 35	1 7	12 17	1 42	12 12	0 46	11 46	1 48	31 41	8 0	16 47	17 16	15 33		n.a.
W11	3 51	19 48	0n45	5 15	2 2	22 45	4 15	12 14	1 16	0 41	1 7	12 19	1 42	12 11	0 46	11 46	1 48	31 41	8 0	16 47	17 15	15 31		n.a.
T 12	4 14	23 49	1 56	5 24	2 13	22 57	4 16	11 57	1 16	0 46	1 7	12 22	1 42	12 10	0 46	11 47	1 48	31 41	8 0	16 48	17 15	15 28		n.a.
F 13	4 37	26 27	2 58	5 30	2 24	23 9	4 16	11 41	1 16	0 52	1 7	12 25	1 42	12 9	0 46	11 47	1 48	31 42	8 1	16 48	17 14	15 25		n.a.
S 14	4 59	27 38	3 50	5 34	2 33	23 19	4 17	11 24	1 16	0 58	1 7	12 27	1 42	12 9	0 46	11 47	1 48	31 42	8 1	16 49	17 13	15 22		n.a.
S 15	5 22	27 24	4 30	5 35	2 41	23 29	4 17	11 8	1 16	1 3	1 7	12 30	1 41	12 8	0 46	11 48	1 48	31 42	8 1	16 49	17 12	15 20		n.a.
M16	5 45	25 50	4 57	5 33	2 49	23 39	4 17	10 51	1 16	1 9	1 7	12 32	1 41	12 7	0 46	11 48	1 48	31 42	8 1	16 48	17 11	15 17		n.a.
T 17	6 7	23 8	5 10	5 29	2 55	23 48	4 17	10 34	1 16	1 15	1 7	12 35	1 41	12 6	0 46	11 49	1 48	31 43	8 2	16 48	17 10	15 14		n.a.
W18	6 30	19 28	5 11	5 23	3 1	23 56	4 17	10 18	1 15	1 20	1 7	12 38	1 41	12 5	0 46	11 49	1 48	31 43	8 2	16 47	17 9	15 12		n.a.
T 19	6 52	15 4	4 57	5 13	3 6	24 3	4 16	10 1	1 15	1 26	1 7	12 40	1 41	12 4	0 46	11 49	1 48	31 43	8 2	16 45	17 8	15 9		n.a.
F 20	7 14	10 5	4 31	5 2	3 9	24 10	4 15	9 44	1 15	1 32	1 7	12 43	1 41	12 3	0 46	11 50	1 48	31 43	8 2	16 44	17 7	15 6		n.a.
S 21	7 36	4 42	3 53	4 48	3 12	24 16	4 14	9 27	1 15	1 37	1 7	12 45	1 41	12 2	0 46	11 50	1 48	31 44	8 3	16 43	17 6	15 3		n.a.
S 22	7 58	0s55	3 4	4 31	3 14	24 21	4 13	9 10	1 15	1 43	1 7	12 48	1 41	12 1	0 46	11 50	1 48	31 44	8 3	16 42	17 5	15 1		n.a.
M23	8 20	6 34	2 7	4 13	3 15	24 26	4 11	8 53	1 15	1 48	1 7	12 51	1 40	12 0	0 46	11 51	1 48	31 44	8 3	16 41	17 4	14 58		n.a.
T 24	8 42	12 4	1 2	3 52	3 16	24 30	4 9	8 35	1 15	1 54	1 7	12 53	1 40	11 59	0 46	11 51	1 48	31 45	8 4	16 40	17 3	14 55		n.a.
W25	9 4	17 9	0s 7	3 29	3 15	24 33	4 7	8 18	1 15	2 0	1 7	12 56	1 40	11 59	0 46	11 51	1 48	31 45	8 4	16 40	17 3	14 52		n.a.
T 26	9 25	21 35	1 17	3 4	3 14	24 36	4 4	8 1	1 15	2 5	1 7	12 58	1 40	11 58	0 46	11 52	1 48	31 45	8 4	16 40	17 2	14 50		n.a.
F 27	9 47	25 1	2 24	2 37	3 12	24 37	4 1	7 44	1 15	2 11	1 7	13 1	1 40	11 57	0 46	11 52	1 48	31 45	8 4	16 41	17 1	14 47		n.a.
S 28	10 8	27 10	3 24	2 8	3 10	24 38	3 58	7 26	1 14	2 16	1 7	13 4	1 40	11 56	0 46	11 52	1 48	31 46	8 5	16 41	17 0	14 44		n.a.
S 29	10 29	27 45	4 15	1 37	3 6	24 38	3 54	7 9	1 14	2 22	1 7	13 6	1 40	11 55	0 46	11 53	1 47	31 46	8 5	16 41	16 59	14 41		n.a.
M30	10n50	26s39	4s52	1s 4	3s 2	24n37	3n50	6s52	1s14	2n27	1s 7	13n 9	1s40	11s55	0s46	11n53	1n47	31s46	8s 5	16n42	16n58	14n39		n.a.

Julian Day Number = 1290518.5, Delta T = 07h59m39s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'34, Lahiri = -20°14'33 Julian Calendar 1 Apr. 1180 BCE == Greg. Calendar 21 March 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

MAY 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 48	28♈39'47	6♒53	5♈31	2♊ 3	16♓27	8♈51	9♉ 5	1♓20	3°R57	6°R 4	15°R18	16♉10	4♍23	n.a.	T 1
W 2	13 55 44	29°36'59	21°11	6°49	2°14	17°10	9° 5	9°13	1°22	3♍56	6♎ 4	15♉17	16° 7	4°30	n.a.	W 2
T 3	13 59 41	0♉34'10	5♓41	8°11	2°24	17°54	9°19	9°21	1°24	3°56	6° 4	15°16	16° 4	4°37	n.a.	T 3
F 4	14 3 38	1°31'21	20°20	9°35	2°31	18°38	9°32	9°29	1°26	3°55	6° 3	15°14	16° 1	4°43	n.a.	F 4
S 5	14 7 34	2°28'32	5♈ 0	11° 3	2°36	19°21	9°46	9°37	1°28	3°54	6° 3	15°12	15°57	4°50	n.a.	S 5
S 6	14 11 31	3°25'42	19°36	12°33	2°39	20° 5	9°59	9°45	1°30	3°54	6° 2	15°11	15°54	4°57	n.a.	S 6
M 7	14 15 27	4°22'51	4♉ 1	14° 6	2°R39	20°48	10°13	9°53	1°32	3°53	6° 2	15°11	15°51	5° 3	n.a.	M 7
T 8	14 19 24	5°20'00	18°10	15°42	2°37	21°31	10°26	10° 0	1°34	3°52	6° 1	15°D10	15°48	5°10	n.a.	T 8
W 9	14 23 20	6°17'09	1♊59	17°21	2°33	22°15	10°39	10° 8	1°36	3°52	6° 1	15°11	15°45	5°17	n.a.	W 9
T 10	14 27 17	7°14'17	15°25	19° 3	2°26	22°58	10°53	10°16	1°38	3°51	6° 0	15°11	15°42	5°24	n.a.	T 10
F 11	14 31 13	8°11'24	28°29	20°47	2°18	23°41	11° 6	10°24	1°39	3°51	6° 0	15°12	15°38	5°30	n.a.	F 11
S 12	14 35 10	9° 8'31	11♋12	22°35	2° 6	24°24	11°19	10°32	1°41	3°50	5°59	15°13	15°35	5°37	n.a.	S 12
S 13	14 39 7	10° 5'38	23°36	24°25	1°52	25° 7	11°32	10°40	1°43	3°50	5°59	15°13	15°32	5°44	n.a.	S 13
M14	14 43 3	11° 2'43	5♌46	26°17	1°36	25°50	11°46	10°48	1°45	3°49	5°58	15°R13	15°29	5°50	n.a.	M14
T 15	14 47 0	11°59'48	17°46	28°12	1°18	26°33	11°59	10°56	1°46	3°49	5°57	15°13	15°26	5°57	n.a.	T 15
W16	14 50 56	12°56'53	29°40	0♍10	0°57	27°15	12°12	11° 4	1°48	3°49	5°57	15°13	15°23	6° 4	n.a.	W16
T 17	14 54 53	13°53'57	11♍33	2° 9	0°34	27°58	12°25	11°12	1°49	3°48	5°56	15°13	15°19	6°11	n.a.	T 17
F 18	14 58 49	14°51'00	23°29	4°11	0° 9	28°41	12°38	11°20	1°51	3°48	5°55	15°D13	15°16	6°17	n.a.	F 18
S 19	15 2 46	15°48'04	5♎31	6°15	29♍42	29°23	12°51	11°27	1°52	3°48	5°54	15°13	15°13	6°24	n.a.	S 19
S 20	15 6 42	16°45'07	17°44	8°20	29°13	0♈ 6	13° 3	11°35	1°54	3°48	5°54	15°13	15°10	6°31	n.a.	S 20
M21	15 10 39	17°42'09	0♏ 9	10°27	28°42	0°48	13°16	11°43	1°55	3°47	5°53	15°13	15° 7	6°37	n.a.	M21
T 22	15 14 36	18°39'12	12°48	12°35	28°10	1°31	13°29	11°51	1°56	3°47	5°52	15°R13	15° 3	6°44	n.a.	T 22
W23	15 18 32	19°36'15	25°42	14°44	27°37	2°13	13°42	11°59	1°58	3°47	5°51	15°13	15° 0	6°51	n.a.	W23
T 24	15 22 29	20°33'18	8♐51	16°54	27° 2	2°55	13°54	12° 7	1°59	3°47	5°50	15°13	14°57	6°58	n.a.	T 24
F 25	15 26 25	21°30'21	22°15	19° 4	26°26	3°37	14° 7	12°15	2° 0	3°47	5°50	15°12	14°54	7° 4	n.a.	F 25
S 26	15 30 22	22°27'24	5♑53	21°15	25°49	4°19	14°19	12°23	2° 1	3°47	5°49	15°12	14°51	7°11	n.a.	S 26
S 27	15 34 18	23°24'27	19°42	23°25	25°12	5° 1	14°32	12°30	2° 2	3°D47	5°48	15°11	14°48	7°18	n.a.	S 27
M28	15 38 15	24°21'31	3♒41	25°34	24°35	5°43	14°44	12°38	2° 4	3°47	5°47	15°10	14°44	7°24	n.a.	M28
T 29	15 42 12	25°18'36	17°48	27°43	23°57	6°25	14°56	12°46	2° 5	3°47	5°46	15° 9	14°41	7°31	n.a.	T 29
W30	15 46 8	26°15'41	2♓ 1	29°51	23°20	7° 7	15° 8	12°54	2° 5	3°47	5°45	15°D 9	14°38	7°38	n.a.	W30
T 31	15 50 5	27♉12'46	16♓17	1♊58	22♉43	7♈49	15♈21	13♉ 2	2♓ 6	3♍47	5♎44	15♉10	14♉35	7♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n11	23 s53	5 s12	0 s29	2 s58	24n36	3n46	6 s34	1 s14	2n33	1 s 7	13n12	1 s40	11 s54	0 s46	11n53	1n47	31 s47	8 s 5	16n42	16n57	14n36			n.a.
W 2	11 31	19 37	5 14	0n 7	2 52	24 34	3 41	6 17	1 14	2 38	1 7	13 14	1 40	11 53	0 46	11 53	1 47	31 47	8 6	16 41	16 56	14 33			n.a.
T 3	11 52	14 9	4 56	0 45	2 46	24 30	3 36	5 59	1 14	2 43	1 7	13 17	1 39	11 52	0 46	11 54	1 47	31 47	8 6	16 41	16 55	14 30			n.a.
F 4	12 12	7 50	4 18	1 25	2 40	24 26	3 30	5 42	1 14	2 49	1 7	13 19	1 39	11 52	0 46	11 54	1 47	31 47	8 6	16 40	16 54	14 28			n.a.
S 5	12 32	1 6	3 24	2 6	2 33	24 21	3 24	5 24	1 13	2 54	1 7	13 22	1 39	11 51	0 46	11 54	1 47	31 48	8 7	16 40	16 53	14 25			n.a.
S 6	12 52	5n41	2 17	2 49	2 25	24 16	3 17	5 7	1 13	3 0	1 7	13 25	1 39	11 50	0 46	11 54	1 47	31 48	8 7	16 40	16 52	14 22			n.a.
M 7	13 11	12 7	1 1	3 33	2 17	24 9	3 11	4 49	1 13	3 5	1 7	13 27	1 39	11 50	0 46	11 54	1 47	31 48	8 7	16 39	16 51	14 19			n.a.
T 8	13 31	17 48	0n17	4 18	2 9	24 1	3 3	4 32	1 13	3 10	1 7	13 30	1 39	11 49	0 46	11 55	1 47	31 49	8 7	16 39	16 50	14 16			n.a.
W 9	13 50	22 24	1 32	5 5	1 59	23 53	2 55	4 14	1 13	3 16	1 7	13 32	1 39	11 48	0 46	11 55	1 47	31 49	8 8	16 39	16 50	14 14			n.a.
T 10	14 9	25 40	2 40	5 53	1 50	23 43	2 47	3 56	1 12	3 21	1 7	13 35	1 39	11 48	0 46	11 55	1 47	31 49	8 8	16 40	16 49	14 11			n.a.
F 11	14 28	27 27	3 37	6 42	1 40	23 33	2 38	3 39	1 12	3 26	1 7	13 37	1 39	11 47	0 46	11 55	1 47	31 49	8 8	16 40	16 48	14 8			n.a.
S 12	14 47	27 43	4 23	7 32	1 30	23 21	2 29	3 21	1 12	3 31	1 7	13 40	1 39	11 46	0 46	11 55	1 47	31 50	8 8	16 40	16 47	14 5			n.a.
S 13	15 5	26 34	4 55	8 23	1 19	23 9	2 19	3 4	1 12	3 37	1 7	13 43	1 39	11 46	0 46	11 55	1 47	31 50	8 9	16 40	16 46	14 2			n.a.
M14	15 23	24 11	5 12	9 15	1 9	22 55	2 9	2 46	1 11	3 42	1 7	13 45	1 39	11 45	0 47	11 55	1 47	31 50	8 9	16 40	16 45	13 59			n.a.
T 15	15 41	20 46	5 16	10 7	0 58	22 41	1 58	2 29	1 11	3 47	1 7	13 48	1 38	11 45	0 47	11 56	1 47	31 51	8 9	16 40	16 44	13 57			n.a.
W16	15 59	16 33	5 7	10 59	0 47	22 26	1 47	2 11	1 11	3 52	1 7	13 50	1 38	11 44	0 47	11 56	1 47	31 51	8 9	16 40	16 43	13 54			n.a.
T 17	16 16	11 43	4 44	11 52	0 35	22 9	1 35	1 54	1 11	3 57	1 7	13 53	1 38	11 44	0 47	11 56	1 47	31 51	8 10	16 40	16 42	13 51			n.a.
F 18	16 34	6 26	4 9	12 45	0 24	21 52	1 23	1 36	1 10	4 2	1 7	13 55	1 38	11 43	0 47	11 56	1 47	31 51	8 10	16 40	16 41	13 48			n.a.
S 19	16 51	0 52	3 23	13 37	0 13	21 34	1 11	1 19	1 10	4 7	1 7	13 58	1 38	11 43	0 47	11 56	1 47	31 52	8 10	16 40	16 40	13 45			n.a.
S 20	17 7	4 s49	2 27	14 29	0 2	21 15	0 58	1 1	1 10	4 12	1 7	14 0	1 38	11 42	0 47	11 56	1 47	31 52	8 10	16 40	16 39	13 42			n.a.
M21	17 24	10 25	1 23	15 21	0n 9	20 56	0 45	0 44	1 9	4 17	1 7	14 3	1 38	11 42	0 47	11 56	1 46	31 52	8 11	16 40	16 38	13 40			n.a.
T 22	17 40	15 43	0 13	16 11	0 19	20 36	0 31	0 27	1 9	4 22	1 8	14 5	1 38	11 41	0 47	11 56	1 46	31 53	8 11	16 40	16 37	13 37			n.a.
W23	17 56	20 26	0 s58	17 0	0 30	20 15	0 18	0 9	1 9	4 27	1 8	14 8	1 38	11 41	0 47	11 56	1 46	31 53	8 11	16 40	16 36	13 34			n.a.
T 24	18 11	24 14	2 7	17 48	0 40	19 53	0 4	0n 8	1 8	4 32	1 8	14 10	1 38	11 40	0 47	11 56	1 46	31 53	8 11	16 40	16 35	13 31			n.a.
F 25	18 26	26 47	3 11	18 34	0 49	19 31	0 s10	0 25	1 8	4 37	1 8	14 13	1 38	11 40	0 47	11 56	1 46	31 53	8 11	16 40	16 34	13 28			n.a.
S 26	18 41	27 47	4 5	19 18	0 58	19 9	0 24	0 43	1 8	4 42	1 8	14 15	1 38	11 39	0 47	11 56	1 46	31 54	8 12	16 40	16 34	13 25			n.a.
S 27	18 56	27 4	4 46	20 0	1 6	18 46	0 38	1 0	1 7	4 47	1 8	14 18	1 38	11 39	0 47	11 56	1 46	31 54	8 12	16 39	16 33	13 22			n.a.
M28	19 10	24 40	5 10	20 40	1 14	18 24	0 52	1 17	1 7	4 52	1 8	14 20	1 38	11 39	0 47	11 56	1 46	31 54	8 12	16 39	16 32	13 19			n.a.
T 29	19 24	20 45	5 16	21 18	1 21	18 1	1 6	1 34	1 7	4 56	1 8	14 23	1 38	11 38	0 47	11 56	1 46	31 54	8 12	16 39	16 31	13 17			n.a.
W30	19 38	15 37	5 3	21 53	1 28	17 38	1 19	1 51	1 6	5 1	1 8	14 25	1 38	11 38	0 47	11 56	1 46	31 55	8 13	16 39	16 30	13 14			n.a.
T 31	19n52	9 s38	4 s31	22n26	1n33	17n16	1 s33	2n 8	1 s 6	5n 6	1 s 8	14n27	1 s38	11 s38	0 s47	11n55	1n46	31 s55	8 s13	16n39	16n29	13n11			n.a.

Julian Day Number = 1290548.5, Delta T = 07h59m37s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'30, Lahiri = -20°14'29 Julian Calendar 1 May 1180 BCE == Greg. Calendar 20 Apr. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

JUNE 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 54 1	28♉ 9'52	0♈34	4♊ 4	22°R 7	8♈30	15♈33	13♉ 9	2♓ 7	3♍47	5°R43	15♉11	14♉32	7♍51	n.a.	F 1
S 2	15 57 58	29° 6'59	14°49	6° 9	21♉32	9°12	15°45	13°17	2° 8	3°47	5♑42	15°12	14°29	7°58	n.a.	S 2
S 3	16 1 54	0♊ 4'06	28°58	8°12	20°58	9°53	15°57	13°25	2° 9	3°48	5°41	15°13	14°25	8° 5	n.a.	S 3
M 4	16 5 51	1° 1'14	12♉57	10°13	20°25	10°35	16° 8	13°32	2°10	3°48	5°40	15°R13	14°22	8°11	n.a.	M 4
T 5	16 9 47	1°58'22	26°45	12°13	19°54	11°16	16°20	13°40	2°10	3°48	5°39	15°13	14°19	8°18	n.a.	T 5
W 6	16 13 44	2°55'31	10♊17	14°11	19°24	11°57	16°32	13°48	2°11	3°48	5°38	15°12	14°16	8°25	n.a.	W 6
T 7	16 17 41	3°52'41	23°33	16° 7	18°56	12°38	16°44	13°55	2°11	3°49	5°37	15°10	14°13	8°32	n.a.	T 7
F 8	16 21 37	4°49'51	6♋30	18° 2	18°30	13°19	16°55	14° 3	2°12	3°49	5°36	15° 7	14° 9	8°38	n.a.	F 8
S 9	16 25 34	5°47'01	19°10	19°55	18° 6	14° 0	17° 7	14°11	2°12	3°50	5°34	15° 4	14° 6	8°45	n.a.	S 9
S 10	16 29 30	6°44'12	1♌34	21°46	17°44	14°41	17°18	14°18	2°13	3°50	5°33	15° 1	14° 3	8°52	n.a.	S 10
M11	16 33 27	7°41'23	13°44	23°35	17°24	15°22	17°29	14°26	2°13	3°50	5°32	14°58	14° 0	8°58	n.a.	M11
T 12	16 37 23	8°38'34	25°44	25°22	17° 7	16° 3	17°40	14°33	2°14	3°51	5°31	14°57	13°57	9° 5	n.a.	T 12
W13	16 41 20	9°35'46	7♍38	27° 8	16°52	16°44	17°52	14°40	2°14	3°52	5°30	14°D56	13°54	9°12	n.a.	W13
T 14	16 45 17	10°32'59	19°30	28°52	16°39	17°24	18° 3	14°48	2°14	3°52	5°29	14°56	13°50	9°19	n.a.	T 14
F 15	16 49 13	11°30'12	1♎26	0♋34	16°29	18° 5	18°13	14°55	2°14	3°53	5°27	14°57	13°47	9°25	n.a.	F 15
S 16	16 53 10	12°27'25	13°31	2°14	16°21	18°45	18°24	15° 3	2°14	3°53	5°26	14°59	13°44	9°32	n.a.	S 16
S 17	16 57 6	13°24'39	25°47	3°52	16°15	19°25	18°35	15°10	2°15	3°54	5°25	15° 1	13°41	9°39	n.a.	S 17
M18	17 1 3	14°21'54	8♏20	5°29	16°12	20° 6	18°46	15°17	2°R15	3°55	5°24	15° 2	13°38	9°45	n.a.	M18
T 19	17 4 59	15°19'09	21°12	7° 4	16°D11	20°46	18°56	15°24	2°15	3°55	5°23	15°R 2	13°34	9°52	n.a.	T 19
W20	17 8 56	16°16'26	4♐24	8°37	16°12	21°26	19° 7	15°32	2°15	3°56	5°21	15° 0	13°31	9°59	n.a.	W20
T 21	17 12 52	17°13'43	17°55	10° 8	16°16	22° 6	19°17	15°39	2°14	3°57	5°20	14°58	13°28	10° 6	n.a.	T 21
F 22	17 16 49	18°11'01	1♑45	11°37	16°22	22°46	19°27	15°46	2°14	3°58	5°19	14°54	13°25	10°12	n.a.	F 22
S 23	17 20 46	19° 8'21	15°50	13° 5	16°30	23°25	19°37	15°53	2°14	3°59	5°17	14°49	13°22	10°19	n.a.	S 23
S 24	17 24 42	20° 5'41	0♒ 6	14°31	16°40	24° 5	19°48	16° 0	2°14	3°59	5°16	14°43	13°19	10°26	n.a.	S 24
M25	17 28 39	21° 3'03	14°26	15°54	16°53	24°45	19°57	16° 7	2°14	4° 0	5°15	14°39	13°15	10°32	n.a.	M25
T 26	17 32 35	22° 0'27	28°48	17°16	17° 7	25°24	20° 7	16°14	2°13	4° 1	5°14	14°35	13°12	10°39	n.a.	T 26
W27	17 36 32	22°57'51	13♓ 6	18°36	17°23	26° 4	20°17	16°21	2°13	4° 2	5°12	14°33	13° 9	10°46	n.a.	W27
T 28	17 40 28	23°55'17	27°17	19°54	17°42	26°43	20°27	16°28	2°12	4° 3	5°11	14°D33	13° 6	10°52	n.a.	T 28
F 29	17 44 25	24°52'45	11♈21	21°10	18° 2	27°22	20°36	16°35	2°12	4° 4	5°10	14°34	13° 3	10°59	n.a.	F 29
S 30	17 48 22	25♊50'14	25♈15	22♋24	18♉24	28♈ 2	20♈45	16♉41	2♓11	4♍ 5	5♑ 8	14♉35	13♉ 0	11♍ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 5	3s 9	3s42	22n56	1n39	16n53	1s46	2n25	1s 6	5n10	1s 8	14n30	1s38	11s38	0s47	11n55	1n46	31s55	8s13	16n39	16n28	13n 8		n.a.
S 2	20 18	3n28	2 40	23 23	1 43	16 32	1 59	2 42	1 5	5 15	1 8	14 32	1 38	11 37	0 47	11 55	1 46	31 55	8 13	16 40	16 27	13 5		n.a.
S 3	20 30	9 54	1 29	23 48	1 47	16 10	2 12	2 59	1 5	5 20	1 8	14 34	1 38	11 37	0 47	11 55	1 46	31 56	8 13	16 40	16 26	13 2		n.a.
M 4	20 42	15 47	0 12	24 10	1 50	15 50	2 24	3 16	1 4	5 24	1 8	14 37	1 38	11 37	0 47	11 55	1 46	31 56	8 14	16 40	16 25	12 59		n.a.
T 5	20 54	20 47	1n 3	24 29	1 52	15 30	2 36	3 33	1 4	5 29	1 8	14 39	1 38	11 37	0 47	11 55	1 46	31 56	8 14	16 40	16 24	12 56		n.a.
W 6	21 5	24 34	2 14	24 46	1 54	15 11	2 48	3 50	1 4	5 33	1 8	14 41	1 38	11 36	0 47	11 55	1 46	31 56	8 14	16 40	16 23	12 53		n.a.
T 7	21 17	26 56	3 16	25 0	1 55	14 53	2 59	4 6	1 3	5 38	1 9	14 44	1 38	11 36	0 47	11 55	1 46	31 57	8 14	16 39	16 22	12 50		n.a.
F 8	21 27	27 46	4 6	25 12	1 55	14 35	3 9	4 23	1 3	5 42	1 9	14 46	1 38	11 36	0 47	11 54	1 46	31 57	8 14	16 38	16 21	12 48		n.a.
S 9	21 38	27 6	4 43	25 21	1 55	14 19	3 19	4 40	1 2	5 46	1 9	14 48	1 38	11 36	0 48	11 54	1 45	31 57	8 15	16 37	16 20	12 45		n.a.
S 10	21 48	25 6	5 6	25 28	1 54	14 4	3 29	4 56	1 2	5 51	1 9	14 51	1 38	11 36	0 48	11 54	1 45	31 57	8 15	16 37	16 19	12 42		n.a.
M11	21 57	21 59	5 14	25 33	1 53	13 50	3 38	5 12	1 1	5 55	1 9	14 53	1 38	11 36	0 48	11 54	1 45	31 57	8 15	16 36	16 18	12 39		n.a.
T 12	22 7	17 59	5 9	25 36	1 51	13 37	3 46	5 29	1 1	5 59	1 9	14 55	1 38	11 36	0 48	11 53	1 45	31 58	8 15	16 35	16 17	12 36		n.a.
W13	22 15	13 19	4 50	25 36	1 48	13 25	3 54	5 45	1 0	6 4	1 9	14 57	1 38	11 36	0 48	11 53	1 45	31 58	8 15	16 35	16 16	12 33		n.a.
T 14	22 24	8 11	4 19	25 35	1 45	13 14	4 2	6 1	1 0	6 8	1 9	15 0	1 38	11 36	0 48	11 53	1 45	31 58	8 15	16 35	16 15	12 30		n.a.
F 15	22 32	2 43	3 37	25 32	1 41	13 5	4 8	6 17	0 59	6 12	1 9	15 2	1 38	11 35	0 48	11 53	1 45	31 58	8 16	16 36	16 14	12 27		n.a.
S 16	22 40	2s54	2 44	25 26	1 37	12 56	4 15	6 33	0 59	6 16	1 9	15 4	1 38	11 35	0 48	11 52	1 45	31 59	8 16	16 36	16 13	12 24		n.a.
S 17	22 47	8 31	1 43	25 19	1 33	12 49	4 21	6 49	0 58	6 20	1 9	15 6	1 38	11 35	0 48	11 52	1 45	31 59	8 16	16 36	16 12	12 21		n.a.
M18	22 54	13 56	0 37	25 11	1 28	12 43	4 26	7 5	0 58	6 24	1 9	15 8	1 38	11 35	0 48	11 52	1 45	31 59	8 16	16 37	16 11	12 18		n.a.
T 19	23 1	18 54	0s34	25 1	1 22	12 38	4 31	7 21	0 57	6 28	1 10	15 10	1 38	11 36	0 48	11 51	1 45	31 59	8 16	16 37	16 10	12 15		n.a.
W20	23 7	23 4	1 44	24 49	1 16	12 34	4 35	7 37	0 57	6 32	1 10	15 12	1 38	11 36	0 48	11 51	1 45	31 59	8 16	16 36	16 10	12 12		n.a.
T 21	23 13	26 6	2 50	24 36	1 10	12 31	4 39	7 52	0 56	6 36	1 10	15 14	1 38	11 36	0 48	11 51	1 45	32 0	8 16	16 36	16 9	12 9		n.a.
F 22	23 18	27 37	3 47	24 22	1 3	12 30	4 43	8 8	0 56	6 40	1 10	15 17	1 38	11 36	0 48	11 50	1 45	32 0	8 17	16 34	16 8	12 6		n.a.
S 23	23 23	27 23	4 32	24 7	0 56	12 29	4 46	8 23	0 55	6 43	1 10	15 19	1 38	11 36	0 48	11 50	1 45	32 0	8 17	16 33	16 7	12 3		n.a.
S 24	23 28	25 21	5 1	23 50	0 49	12 29	4 49	8 39	0 55	6 47	1 10	15 21	1 38	11 36	0 48	11 50	1 45	32 0	8 17	16 31	16 6	12 0		n.a.
M25	23 32	21 43	5 11	23 33	0 41	12 31	4 51	8 54	0 54	6 51	1 10	15 23	1 38	11 36	0 48	11 49	1 45	32 0	8 17	16 30	16 5	11 57		n.a.
T 26	23 35	16 46	5 1	23 14	0 33	12 33	4 53	9 9	0 54	6 55	1 10	15 25	1 38	11 36	0 48	11 49	1 45	32 1	8 17	16 29	16 4	11 54		n.a.
W27	23 39	10 56	4 33	22 55	0 24	12 36	4 54	9 24	0 53	6 58	1 10	15 27	1 38	11 36	0 48	11 49	1 45	32 1	8 17	16 28	16 3	11 51		n.a.
T 28	23 42	4 35	3 48	22 35	0 15	12 40	4 56	9 39	0 53	7 2	1 11	15 29	1 38	11 37	0 48	11 48	1 45	32 1	8 17	16 28	16 2	11 48		n.a.
F 29	23 44	1n57	2 50	22 14	0 6	12 45	4 56	9 54	0 52	7 5	1 11	15 30	1 38	11 37	0 48	11 48	1 44	32 1	8 17	16 28	16 1	11 45		n.a.
S 30	23n46	8n20	1s43	21n53	0s 3	12n50	4s57	10n 9	0s51	7n 9	1s11	15n32	1s38	11s37	0s48	11n47	1n44	32s 1	8s17	16n29	16n 0	11n43		n.a.

Julian Day Number = 1290579.5, Delta T = 07h59m36s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'25, Lahiri = -20°14'25 Julian Calendar 1 June 1180 BCE == Greg. Calendar 21 May 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

JULY 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 18	26♊47'44	9♉ 0	23♋36	18♉47	28♈41	20♈55	16♉48	2°R11	4♍ 6	5°R 7	14°R36	12♉56	11♍13	n.a.	S 1
M 2	17 56 15	27°45'16	22°34	24°46	19°13	29°20	21° 4	16°55	2♓10	4° 8	5♂ 6	14♉36	12°53	11°19	n.a.	M 2
T 3	18 0 11	28°42'50	5♊57	25°53	19°39	29°59	21°13	17° 1	2°10	4° 9	5° 4	14°34	12°50	11°26	n.a.	T 3
W 4	18 4 8	29°40'25	19° 8	26°58	20° 8	0♉37	21°22	17° 8	2° 9	4°10	5° 3	14°30	12°47	11°33	n.a.	W 4
T 5	18 8 4	0♋38'02	2♋ 6	28° 0	20°38	1°16	21°31	17°14	2° 8	4°11	5° 2	14°24	12°44	11°39	n.a.	T 5
F 6	18 12 1	1°35'40	14°50	28°59	21° 9	1°55	21°39	17°21	2° 7	4°12	5° 0	14°16	12°40	11°46	n.a.	F 6
S 7	18 15 57	2°33'20	27°21	29°56	21°42	2°33	21°48	17°27	2° 6	4°14	4°59	14° 8	12°37	11°53	n.a.	S 7
S 8	18 19 54	3°31'00	9♌39	0♌50	22°16	3°12	21°56	17°34	2° 5	4°15	4°58	13°59	12°34	12° 0	n.a.	S 8
M 9	18 23 51	4°28'42	21°46	1°41	22°51	3°50	22° 4	17°40	2° 5	4°16	4°56	13°51	12°31	12° 6	n.a.	M 9
T 10	18 27 47	5°26'26	3♍44	2°28	23°28	4°28	22°12	17°46	2° 4	4°17	4°55	13°44	12°28	12°13	n.a.	T 10
W11	18 31 44	6°24'10	15°36	3°13	24° 6	5° 6	22°20	17°52	2° 3	4°19	4°54	13°40	12°25	12°20	n.a.	W11
T 12	18 35 40	7°21'56	27°27	3°53	24°44	5°44	22°28	17°58	2° 1	4°20	4°52	13°38	12°21	12°26	n.a.	T 12
F 13	18 39 37	8°19'43	9♎21	4°30	25°24	6°22	22°36	18° 4	2° 0	4°22	4°51	13°D37	12°18	12°33	n.a.	F 13
S 14	18 43 33	9°17'32	21°24	5° 3	26° 5	7° 0	22°44	18°10	1°59	4°23	4°50	13°38	12°15	12°40	n.a.	S 14
S 15	18 47 30	10°15'22	3♏40	5°31	26°48	7°37	22°51	18°16	1°58	4°25	4°48	13°38	12°12	12°46	n.a.	S 15
M16	18 51 26	11°13'13	16°15	5°55	27°31	8°15	22°58	18°22	1°57	4°26	4°47	13°R39	12° 9	12°53	n.a.	M16
T 17	18 55 23	12°11'06	29°12	6°14	28°15	8°52	23° 5	18°28	1°55	4°28	4°46	13°38	12° 6	13° 0	n.a.	T 17
W18	18 59 20	13° 9'00	12♐34	6°28	29° 0	9°30	23°12	18°34	1°54	4°29	4°44	13°34	12° 2	13° 7	n.a.	W18
T 19	19 3 16	14° 6'57	26°22	6°37	29°45	10° 7	23°19	18°39	1°53	4°31	4°43	13°29	11°59	13°13	n.a.	T 19
F 20	19 7 13	15° 4'54	10♑34	6°R40	0♊32	10°44	23°26	18°45	1°51	4°32	4°42	13°21	11°56	13°20	n.a.	F 20
S 21	19 11 9	16° 2'54	25° 4	6°38	1°20	11°21	23°32	18°50	1°50	4°34	4°40	13°12	11°53	13°27	n.a.	S 21
S 22	19 15 6	17° 0'55	9♒47	6°29	2° 8	11°58	23°39	18°56	1°48	4°35	4°39	13° 2	11°50	13°33	n.a.	S 22
M23	19 19 2	17°58'58	24°34	6°15	2°57	12°35	23°45	19° 1	1°47	4°37	4°38	12°53	11°46	13°40	n.a.	M23
T 24	19 22 59	18°57'03	9♓17	5°54	3°47	13°11	23°51	19° 6	1°45	4°39	4°36	12°46	11°43	13°47	n.a.	T 24
W25	19 26 55	19°55'10	23°49	5°27	4°38	13°48	23°57	19°11	1°44	4°40	4°35	12°41	11°40	13°54	n.a.	W25
T 26	19 30 52	20°53'19	8♈ 8	4°54	5°29	14°24	24° 3	19°17	1°42	4°42	4°34	12°39	11°37	14° 0	n.a.	T 26
F 27	19 34 49	21°51'31	22° 9	4°15	6°21	15° 0	24° 8	19°22	1°40	4°44	4°32	12°D38	11°34	14° 7	n.a.	F 27
S 28	19 38 45	22°49'45	5♉54	3°31	7°14	15°37	24°14	19°27	1°39	4°46	4°31	12°R38	11°31	14°14	n.a.	S 28
S 29	19 42 42	23°48'01	19°23	2°42	8° 7	16°13	24°19	19°31	1°37	4°47	4°30	12°38	11°27	14°20	n.a.	S 29
M30	19 46 38	24°46'19	2♊38	1°48	9° 1	16°49	24°24	19°36	1°35	4°49	4°29	12°37	11°24	14°27	n.a.	M30
T 31	19 50 35	25♋44'39	15♊39	0♌52	9♊55	17♉24	24♈29	19♉41	1♓33	4♍51	4♂27	12♉33	11♉21	14♍34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n48	14n15	0s30	21n31	0s13	12n56	4s57	10n24	0s51	7n12	1s11	15n34	1s38	11s37	0s48	11n47	1n44	32s 1	8s18	16n29	15n59	11n40			n.a.
M 2	23 49	19 25	0n43	21 9	0 23	13 3	4 57	10 38	0 50	7 15	1 11	15 36	1 38	11 38	0 48	11 46	1 44	32 1	8 18	16 29	15 58	11 37			n.a.
T 3	23 50	23 30	1 53	20 47	0 33	13 11	4 57	10 53	0 50	7 19	1 11	15 38	1 38	11 38	0 48	11 46	1 44	32 2	8 18	16 29	15 57	11 34			n.a.
W 4	23 50	26 18	2 55	20 24	0 44	13 19	4 57	11 7	0 49	7 22	1 11	15 40	1 38	11 38	0 48	11 45	1 44	32 2	8 18	16 27	15 56	11 30			n.a.
T 5	23 50	27 37	3 48	20 1	0 54	13 27	4 56	11 21	0 48	7 25	1 11	15 42	1 38	11 38	0 49	11 45	1 44	32 2	8 18	16 25	15 55	11 27			n.a.
F 6	23 50	27 25	4 27	19 39	1 5	13 36	4 55	11 35	0 48	7 28	1 11	15 43	1 38	11 39	0 49	11 44	1 44	32 2	8 18	16 23	15 54	11 24			n.a.
S 7	23 49	25 50	4 54	19 16	1 16	13 46	4 53	11 49	0 47	7 32	1 12	15 45	1 38	11 39	0 49	11 44	1 44	32 2	8 18	16 21	15 53	11 21			n.a.
S 8	23 47	23 1	5 6	18 54	1 27	13 56	4 52	12 3	0 46	7 35	1 12	15 47	1 38	11 40	0 49	11 43	1 44	32 2	8 18	16 18	15 52	11 18			n.a.
M 9	23 46	19 15	5 4	18 31	1 38	14 7	4 50	12 17	0 46	7 38	1 12	15 49	1 38	11 40	0 49	11 43	1 44	32 2	8 18	16 15	15 51	11 15			n.a.
T 10	23 43	14 46	4 48	18 10	1 49	14 18	4 48	12 31	0 45	7 41	1 12	15 50	1 38	11 40	0 49	11 42	1 44	32 3	8 18	16 14	15 50	11 12			n.a.
W11	23 41	9 45	4 21	17 48	2 1	14 29	4 46	12 44	0 44	7 43	1 12	15 52	1 38	11 41	0 49	11 42	1 44	32 3	8 18	16 12	15 49	11 9			n.a.
T 12	23 38	4 25	3 42	17 28	2 12	14 40	4 44	12 58	0 44	7 46	1 12	15 54	1 38	11 41	0 49	11 41	1 44	32 3	8 18	16 11	15 48	11 6			n.a.
F 13	23 34	1s 7	2 53	17 8	2 23	14 52	4 42	13 11	0 43	7 49	1 12	15 55	1 39	11 42	0 49	11 41	1 44	32 3	8 18	16 11	15 47	11 3			n.a.
S 14	23 30	6 41	1 56	16 49	2 35	15 4	4 39	13 24	0 42	7 52	1 13	15 57	1 39	11 42	0 49	11 40	1 44	32 3	8 19	16 11	15 46	11 0			n.a.
S 15	23 26	12 7	0 53	16 32	2 46	15 17	4 36	13 38	0 42	7 54	1 13	15 59	1 39	11 42	0 49	11 40	1 44	32 3	8 19	16 12	15 45	10 57			n.a.
M16	23 21	17 12	0s14	16 15	2 57	15 29	4 34	13 51	0 41	7 57	1 13	16 0	1 39	11 43	0 49	11 39	1 44	32 3	8 19	16 12	15 44	10 54			n.a.
T 17	23 16	21 39	1 22	16 0	3 8	15 42	4 31	14 3	0 40	8 0	1 13	16 2	1 39	11 43	0 49	11 38	1 44	32 3	8 19	16 11	15 43	10 51			n.a.
W18	23 10	25 8	2 28	15 46	3 18	15 55	4 27	14 16	0 40	8 2	1 13	16 3	1 39	11 44	0 49	11 38	1 44	32 3	8 19	16 10	15 42	10 48			n.a.
T 19	23 4	27 14	3 27	15 34	3 28	16 8	4 24	14 29	0 39	8 4	1 13	16 5	1 39	11 45	0 49	11 37	1 44	32 3	8 19	16 9	15 41	10 45			n.a.
F 20	22 58	27 39	4 15	15 24	3 38	16 21	4 21	14 41	0 38	8 7	1 13	16 6	1 39	11 45	0 49	11 37	1 44	32 4	8 19	16 6	15 40	10 42			n.a.
S 21	22 51	26 11	4 48	15 16	3 46	16 34	4 17	14 54	0 37	8 9	1 14	16 8	1 39	11 46	0 49	11 36	1 44	32 4	8 19	16 3	15 39	10 39			n.a.
S 22	22 44	22 56	5 2	15 11	3 55	16 47	4 14	15 6	0 37	8 11	1 14	16 9	1 39	11 46	0 49	11 35	1 44	32 4	8 19	16 1	15 38	10 36			n.a.
M23	22 36	18 12	4 57	15 7	4 2	17 1	4 10	15 18	0 36	8 14	1 14	16 10	1 39	11 47	0 49	11 35	1 43	32 4	8 19	15 58	15 37	10 33			n.a.
T 24	22 28	12 24	4 31	15 6	4 8	17 14	4 6	15 30	0 35	8 16	1 14	16 12	1 39	11 47	0 49	11 34	1 43	32 4	8 19	15 56	15 36	10 30			n.a.
W25	22 20	5 59	3 49	15 8	4 14	17 27	4 2	15 42	0 34	8 18	1 14	16 13	1 39	11 48	0 49	11 33	1 43	32 4	8 19	15 54	15 35	10 27			n.a.
T 26	22 11	0n39	2 52	15 12	4 17	17 40	3 58	15 53	0 34	8 20	1 14	16 15	1 39	11 49	0 49	11 33	1 43	32 4	8 19	15 53	15 34	10 24			n.a.
F 27	22 2	7 7	1 47	15 19	4 20	17 53	3 54	16 5	0 33	8 22	1 14	16 16	1 40	11 49	0 49	11 32	1 43	32 4	8 19	15 53	15 33	10 21			n.a.
S 28	21 52	13 9	0 36	15 28	4 21	18 6	3 50	16 17	0 32	8 24	1 15	16 17	1 40	11 50	0 49	11 31	1 43	32 4	8 19	15 53	15 32	10 17			n.a.
S 29	21 42	18 26	0n36	15 40	4 20	18 19	3 45	16 28	0 31	8 25	1 15	16 18	1 40	11 51	0 49	11 31	1 43	32 4	8 19	15 53	15 31	10 14			n.a.
M30	21 32	22 44	1 44	15 55	4 17	18 32	3 41	16 39	0 30	8 27	1 15	16 20	1 40	11 51	0 49	11 30	1 43	32 4	8 19	15 53	15 30	10 11			n.a.
T 31	21n21	25n47	2n45	16n12	4s12	18n44	3s37	16n50	0s30	8n29	1s15	16n21	1s40	11s52	0s49	11n29	1n43	32s 4	8s19	15n52	15n29	10n 8			n.a.

Julian Day Number = 1290609.5, Delta T = 07h59m34s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'21, Lahiri = -20°14'21 Julian Calendar 1 July 1180 BCE == Greg. Calendar 20 June 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

AUGUST 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 54 31	26♋43'02	28♊29	29°R52	10♊50	18♉ 0	24♈34	19♉46	1°R31	4♍53	4°R26	12°R26	11♉18	14♍40	n.a.	W 1
T 2	19 58 28	27°41'27	11♋ 9	28♋52	11°46	18°36	24°38	19°50	1♓30	4°55	4♑25	12♉16	11°15	14°47	n.a.	T 2
F 3	20 2 24	28°39'53	23°38	27°52	12°42	19°11	24°43	19°55	1°28	4°57	4°24	12° 4	11°12	14°54	n.a.	F 3
S 4	20 6 21	29°38'22	5♌56	26°54	13°38	19°46	24°47	19°59	1°26	4°59	4°23	11°51	11° 8	15° 1	n.a.	S 4
S 5	20 10 18	0♌36'53	18° 6	25°59	14°36	20°21	24°51	20° 3	1°24	5° 0	4°21	11°37	11° 5	15° 7	n.a.	S 5
M 6	20 14 14	1°35'26	0♍ 7	25° 7	15°33	20°56	24°55	20° 7	1°22	5° 2	4°20	11°25	11° 2	15°14	n.a.	M 6
T 7	20 18 11	2°34'00	12° 1	24°22	16°31	21°31	24°58	20°12	1°20	5° 4	4°19	11°14	10°59	15°21	n.a.	T 7
W 8	20 22 7	3°32'37	23°50	23°43	17°30	22° 6	25° 2	20°16	1°18	5° 6	4°18	11° 6	10°56	15°27	n.a.	W 8
T 9	20 26 4	4°31'15	5♎39	23°12	18°29	22°40	25° 5	20°19	1°16	5° 8	4°17	11° 0	10°52	15°34	n.a.	T 9
F 10	20 30 0	5°29'56	17°31	22°50	19°28	23°15	25° 8	20°23	1°14	5°10	4°16	10°57	10°49	15°41	n.a.	F 10
S 11	20 33 57	6°28'38	29°30	22°36	20°28	23°49	25°11	20°27	1°11	5°12	4°15	10°57	10°46	15°47	n.a.	S 11
S 12	20 37 53	7°27'22	11♏43	22°D32	21°28	24°23	25°14	20°31	1° 9	5°14	4°13	10°56	10°43	15°54	n.a.	S 12
M13	20 41 50	8°26'08	24°15	22°38	22°29	24°57	25°17	20°34	1° 7	5°16	4°12	10°56	10°40	16° 1	n.a.	M13
T 14	20 45 46	9°24'55	7♐10	22°54	23°29	25°30	25°19	20°38	1° 5	5°18	4°11	10°54	10°37	16° 8	n.a.	T 14
W15	20 49 43	10°23'45	20°33	23°19	24°31	26° 4	25°21	20°41	1° 3	5°20	4°10	10°50	10°33	16°14	n.a.	W15
T 16	20 53 40	11°22'37	4♑25	23°53	25°32	26°38	25°23	20°44	1° 0	5°23	4° 9	10°44	10°30	16°21	n.a.	T 16
F 17	20 57 36	12°21'30	18°46	24°36	26°34	27°11	25°25	20°47	0°58	5°25	4° 8	10°35	10°27	16°28	n.a.	F 17
S 18	21 1 33	13°20'26	3♒32	25°27	27°37	27°44	25°26	20°50	0°56	5°27	4° 7	10°24	10°24	16°34	n.a.	S 18
S 19	21 5 29	14°19'24	18°34	26°27	28°40	28°17	25°28	20°53	0°54	5°29	4° 6	10°13	10°21	16°41	n.a.	S 19
M20	21 9 26	15°18'24	3♓43	27°33	29°43	28°50	25°29	20°56	0°51	5°31	4° 5	10° 2	10°18	16°48	n.a.	M20
T 21	21 13 22	16°17'26	18°48	28°46	0♋46	29°22	25°30	20°59	0°49	5°33	4° 4	9°53	10°14	16°54	n.a.	T 21
W22	21 17 19	17°16'30	3♈41	0♌ 4	1°50	29°55	25°31	21° 2	0°47	5°35	4° 4	9°47	10°11	17° 1	n.a.	W22
T 23	21 21 15	18°15'37	18°15	1°28	2°54	0♊27	25°31	21° 4	0°44	5°37	4° 3	9°43	10° 8	17° 8	n.a.	T 23
F 24	21 25 12	19°14'46	2♉26	2°56	3°58	0°59	25°32	21° 7	0°42	5°40	4° 2	9°42	10° 5	17°15	n.a.	F 24
S 25	21 29 9	20°13'58	16°13	4°28	5° 2	1°31	25°R32	21° 9	0°40	5°42	4° 1	9°42	10° 2	17°21	n.a.	S 25
S 26	21 33 5	21°13'13	29°38	6° 3	6° 7	2° 3	25°32	21°11	0°37	5°44	4° 0	9°42	9°58	17°28	n.a.	S 26
M27	21 37 2	22°12'30	12♊43	7°41	7°12	2°34	25°32	21°13	0°35	5°46	3°59	9°40	9°55	17°35	n.a.	M27
T 28	21 40 58	23°11'49	25°32	9°21	8°18	3° 5	25°31	21°15	0°32	5°48	3°58	9°37	9°52	17°41	n.a.	T 28
W29	21 44 55	24°11'11	8♋ 7	11° 2	9°23	3°36	25°31	21°17	0°30	5°50	3°58	9°30	9°49	17°48	n.a.	W29
T 30	21 48 51	25°10'35	20°31	12°45	10°29	4° 7	25°30	21°19	0°28	5°53	3°57	9°21	9°46	17°55	n.a.	T 30
F 31	21 52 48	26♌10'02	2♌46	14♌29	11♋36	4♊38	25♈29	21♉21	0♓25	5♍55	3♑56	9♉ 9	9♉43	18♍ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n10	27n27	3n37	16n31	4s 5	18n56	3s32	17n 1	0s29	8n30	1s15	16n22	1s40	11s53	0s49	11n28	1n43	32s 4	8s19	15n49	15n28	10n 5			n.a.
T 2	20 58	27 38	4 18	16 52	3 56	19 9	3 28	17 12	0 28	8 32	1 15	16 23	1 40	11 53	0 49	11 28	1 43	32 4	8 19	15 46	15 27	10 2			n.a.
F 3	20 46	26 24	4 45	17 15	3 45	19 20	3 23	17 23	0 27	8 33	1 16	16 24	1 40	11 54	0 49	11 27	1 43	32 4	8 19	15 43	15 26	9 59			n.a.
S 4	20 34	23 55	4 58	17 39	3 33	19 32	3 18	17 33	0 26	8 35	1 16	16 25	1 40	11 55	0 49	11 26	1 43	32 4	8 19	15 39	15 25	9 56			n.a.
S 5	20 21	20 22	4 58	18 3	3 19	19 43	3 14	17 43	0 25	8 36	1 16	16 26	1 40	11 55	0 49	11 26	1 43	32 4	8 19	15 34	15 24	9 53			n.a.
M 6	20 8	16 2	4 45	18 28	3 3	19 54	3 9	17 54	0 24	8 38	1 16	16 27	1 40	11 56	0 49	11 25	1 43	32 4	8 19	15 30	15 23	9 50			n.a.
T 7	19 55	11 8	4 19	18 53	2 46	20 5	3 4	18 4	0 24	8 39	1 16	16 28	1 41	11 57	0 49	11 24	1 43	32 4	8 19	15 27	15 22	9 46			n.a.
W 8	19 41	5 52	3 42	19 17	2 28	20 16	2 59	18 14	0 23	8 40	1 16	16 29	1 41	11 58	0 50	11 23	1 43	32 4	8 19	15 24	15 21	9 43			n.a.
T 9	19 27	0 23	2 55	19 41	2 10	20 26	2 55	18 24	0 22	8 41	1 16	16 30	1 41	11 58	0 50	11 23	1 43	32 4	8 18	15 23	15 20	9 40			n.a.
F 10	19 13	5s 8	2 1	20 3	1 51	20 36	2 50	18 33	0 21	8 42	1 17	16 31	1 41	11 59	0 50	11 22	1 43	32 4	8 18	15 22	15 19	9 37			n.a.
S 11	18 58	10 33	1 0	20 24	1 32	20 45	2 45	18 43	0 20	8 43	1 17	16 32	1 41	12 0	0 50	11 21	1 43	32 4	8 18	15 21	15 18	9 34			n.a.
S 12	18 43	15 40	0s 4	20 43	1 13	20 54	2 40	18 52	0 19	8 44	1 17	16 33	1 41	12 1	0 50	11 20	1 43	32 4	8 18	15 21	15 17	9 31			n.a.
M13	18 27	20 16	1 10	21 1	0 54	21 3	2 35	19 2	0 18	8 45	1 17	16 34	1 41	12 2	0 50	11 19	1 43	32 4	8 18	15 21	15 16	9 28			n.a.
T 14	18 12	24 4	2 14	21 16	0 36	21 11	2 30	19 11	0 17	8 45	1 17	16 35	1 41	12 2	0 50	11 19	1 43	32 4	8 18	15 21	15 15	9 25			n.a.
W15	17 56	26 42	3 13	21 29	0 19	21 18	2 25	19 20	0 16	8 46	1 17	16 36	1 41	12 3	0 50	11 18	1 43	32 4	8 18	15 19	15 14	9 22			n.a.
T 16	17 39	27 48	4 3	21 39	0 2	21 26	2 20	19 29	0 15	8 46	1 18	16 36	1 41	12 4	0 50	11 17	1 43	32 4	8 18	15 17	15 13	9 18			n.a.
F 17	17 23	27 6	4 39	21 46	0n13	21 33	2 15	19 37	0 14	8 47	1 18	16 37	1 42	12 5	0 50	11 16	1 43	32 4	8 18	15 15	15 12	9 15			n.a.
S 18	17 6	24 31	4 58	21 51	0 28	21 39	2 10	19 46	0 13	8 47	1 18	16 38	1 42	12 6	0 50	11 15	1 43	32 4	8 18	15 11	15 11	9 12			n.a.
S 19	16 48	20 12	4 57	21 53	0 41	21 45	2 5	19 54	0 12	8 48	1 18	16 38	1 42	12 7	0 50	11 15	1 43	32 4	8 18	15 7	15 10	9 9			n.a.
M20	16 31	14 34	4 35	21 52	0 53	21 50	2 0	20 3	0 11	8 48	1 18	16 39	1 42	12 7	0 50	11 14	1 43	32 4	8 18	15 4	15 9	9 6			n.a.
T 21	16 13	8 5	3 54	21 47	1 4	21 55	1 55	20 11	0 10	8 48	1 18	16 40	1 42	12 8	0 50	11 13	1 43	32 4	8 18	15 1	15 8	9 3			n.a.
W22	15 55	1 13	2 58	21 40	1 14	22 0	1 50	20 19	0 9	8 48	1 19	16 40	1 42	12 9	0 50	11 12	1 43	32 4	8 18	14 59	15 7	9 0			n.a.
T 23	15 36	5n34	1 51	21 30	1 22	22 4	1 45	20 27	0 8	8 49	1 19	16 41	1 42	12 10	0 50	11 11	1 43	32 4	8 17	14 58	15 6	8 56			n.a.
F 24	15 18	11 55	0 38	21 17	1 30	22 7	1 40	20 35	0 7	8 49	1 19	16 41	1 42	12 11	0 50	11 11	1 43	32 4	8 17	14 58	15 5	8 53			n.a.
S 25	14 59	17 31	0n34	21 1	1 36	22 10	1 35	20 42	0 6	8 48	1 19	16 42	1 42	12 12	0 50	11 10	1 43	32 3	8 17	14 58	15 4	8 50			n.a.
S 26	14 40	22 5	1 43	20 43	1 42	22 12	1 30	20 50	0 5	8 48	1 19	16 42	1 43	12 13	0 50	11 9	1 43	32 3	8 17	14 58	15 3	8 47			n.a.
M27	14 20	25 26	2 45	20 22	1 46	22 13	1 25	20 57	0 4	8 48	1 19	16 43	1 43	12 13	0 50	11 8	1 43	32 3	8 17	14 57	15 2	8 44			n.a.
T 28	14 1	27 23	3 37	19 58	1 49	22 15	1 20	21 5	0 3	8 48	1 20	16 43	1 43	12 14	0 50	11 7	1 43	32 3	8 17	14 56	15 1	8 41			n.a.
W29	13 41	27 52	4 18	19 32	1 52	22 15	1 15	21 12	0 2	8 47	1 20	16 44	1 43	12 15	0 50	11 6	1 43	32 3	8 17	14 54	15 0	8 37			n.a.
T 30	13 21	26 56	4 45	19 4	1 54	22 15	1 10	21 19	0 1	8 47	1 20	16 44	1 43	12 16	0 50	11 6	1 43	32 3	8 17	14 51	14 59	8 34			n.a.
F 31	13n 0	24n43	4n59	18n35	1n54	22n14	1s 5	21n26	0n 1	8n46	1s20	16n44	1s43	12s17	0s50	11n 5	1n43	32s 3	8s17	14n47	14n58	8n31			n.a.

Julian Day Number = 1290640.5, Delta T = 07h59m32s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'17, Lahiri = -20°14'17 Julian Calendar 1 Aug. 1180 BCE == Greg. Calendar 21 July 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

SEPTEMBER 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 44	27♌ 9'30	14♌53	16♌14	12♋42	5♊ 9	25°R28	21♉22	0°R23	5♍57	3°R56	8°R56	9♉39	18♍ 8	n.a.	S 1
S 2	22 0 41	28° 9'01	26°53	17°59	13°49	5°39	25♈26	21°24	0♓20	5°59	3♏55	8♉42	9°36	18°15	n.a.	S 2
M 3	22 4 37	29° 8'35	8♍48	19°44	14°55	6° 9	25°25	21°25	0°18	6° 2	3°54	8°29	9°33	18°21	n.a.	M 3
T 4	22 8 34	0♍ 8'10	20°38	21°30	16° 2	6°39	25°23	21°26	0°15	6° 4	3°54	8°18	9°30	18°28	n.a.	T 4
W 5	22 12 31	1° 7'47	2♎27	23°15	17°10	7° 8	25°21	21°28	0°13	6° 6	3°53	8°10	9°27	18°35	n.a.	W 5
T 6	22 16 27	2° 7'27	14°16	25° 0	18°17	7°38	25°19	21°29	0°11	6° 8	3°52	8° 5	9°24	18°42	n.a.	T 6
F 7	22 20 24	3° 7'08	26° 8	26°45	19°25	8° 7	25°16	21°29	0° 8	6°10	3°52	8° 2	9°20	18°48	n.a.	F 7
S 8	22 24 20	4° 6'51	8♏ 7	28°30	20°33	8°36	25°13	21°30	0° 6	6°13	3°51	8°D 1	9°17	18°55	n.a.	S 8
S 9	22 28 17	5° 6'36	20°18	0♍14	21°41	9° 4	25°11	21°31	0° 3	6°15	3°51	8° 1	9°14	19° 2	n.a.	S 9
M10	22 32 13	6° 6'24	2♐46	1°58	22°49	9°33	25° 8	21°31	0° 1	6°17	3°50	8°R 2	9°11	19° 8	n.a.	M10
T 11	22 36 10	7° 6'13	15°36	3°41	23°58	10° 1	25° 4	21°32	29♒58	6°19	3°50	8° 2	9° 8	19°15	n.a.	T 11
W12	22 40 6	8° 6'04	28°52	5°24	25° 6	10°29	25° 1	21°32	29°56	6°22	3°49	8° 0	9° 4	19°22	n.a.	W12
T 13	22 44 3	9° 5'56	12♑38	7° 6	26°15	10°56	24°57	21°32	29°54	6°24	3°49	7°55	9° 1	19°28	n.a.	T 13
F 14	22 48 0	10° 5'51	26°54	8°47	27°24	11°23	24°54	21°R33	29°51	6°26	3°49	7°49	8°58	19°35	n.a.	F 14
S 15	22 51 56	11° 5'47	11♒37	10°28	28°33	11°51	24°50	21°33	29°49	6°28	3°48	7°41	8°55	19°42	n.a.	S 15
S 16	22 55 53	12° 5'46	26°42	12° 8	29°43	12°17	24°46	21°32	29°46	6°31	3°48	7°32	8°52	19°48	n.a.	S 16
M17	22 59 49	13° 5'46	11♓59	13°48	0♌52	12°44	24°41	21°32	29°44	6°33	3°48	7°24	8°49	19°55	n.a.	M17
T 18	23 3 46	14° 5'48	27°18	15°27	2° 2	13°10	24°37	21°32	29°42	6°35	3°47	7°17	8°45	20° 2	n.a.	T 18
W19	23 7 42	15° 5'52	12♈27	17° 6	3°12	13°36	24°32	21°31	29°39	6°37	3°47	7°12	8°42	20° 9	n.a.	W19
T 20	23 11 39	16° 5'58	27°17	18°44	4°22	14° 2	24°27	21°31	29°37	6°40	3°47	7°10	8°39	20°15	n.a.	T 20
F 21	23 15 35	17° 6'07	11♉42	20°21	5°32	14°27	24°22	21°30	29°35	6°42	3°47	7°D 9	8°36	20°22	n.a.	F 21
S 22	23 19 32	18° 6'18	25°41	21°58	6°42	14°52	24°17	21°29	29°33	6°44	3°46	7°10	8°33	20°29	n.a.	S 22
S 23	23 23 28	19° 6'31	9♊13	23°35	7°53	15°17	24°12	21°29	29°30	6°46	3°46	7°11	8°29	20°35	n.a.	S 23
M24	23 27 25	20° 6'47	22°20	25°11	9° 4	15°41	24° 6	21°27	29°28	6°48	3°46	7°R12	8°26	20°42	n.a.	M24
T 25	23 31 22	21° 7'05	5♋ 6	26°47	10°14	16° 5	24° 0	21°26	29°26	6°51	3°46	7°11	8°23	20°49	n.a.	T 25
W26	23 35 18	22° 7'25	17°35	28°22	11°25	16°29	23°55	21°25	29°24	6°53	3°46	7° 8	8°20	20°55	n.a.	W26
T 27	23 39 15	23° 7'47	29°51	29°57	12°36	16°52	23°49	21°24	29°21	6°55	3°46	7° 2	8°17	21° 2	n.a.	T 27
F 28	23 43 11	24° 8'11	11♌56	1♎31	13°48	17°15	23°42	21°22	29°19	6°57	3°D46	6°56	8°14	21° 9	n.a.	F 28
S 29	23 47 8	25° 8'37	23°54	3° 5	14°59	17°38	23°36	21°21	29°17	6°59	3°46	6°48	8°10	21°15	n.a.	S 29
S 30	23 51 4	26♍ 9'05	5♍48	4♎39	16♌10	18♊ 0	23♈30	21♉19	29♒15	7♍ 1	3♏46	6♉39	8♉ 7	21♍22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n40	21n24	4n59	18n 3	1n55	22n13	1s 1	21n32	0n 2	8n46	1s20	16n45	1s43	12s18	0s50	11n 4	1n43	32s 3	8s17	14n43	14n57	8n28		n.a.
S 2	12 19	17 13	4 46	17 30	1 54	22 11	0 56	21 39	0 3	8 45	1 20	16 45	1 43	12 19	0 50	11 3	1 43	32 3	8 16	14 38	14 56	8 25		n.a.
M 3	11 58	12 25	4 21	16 55	1 53	22 9	0 51	21 46	0 4	8 45	1 20	16 45	1 43	12 20	0 50	11 2	1 43	32 3	8 16	14 34	14 55	8 22		n.a.
T 4	11 37	7 11	3 44	16 19	1 51	22 5	0 46	21 52	0 5	8 44	1 21	16 45	1 44	12 20	0 50	11 1	1 43	32 3	8 16	14 30	14 54	8 18		n.a.
W 5	11 15	1 43	2 57	15 42	1 49	22 2	0 42	21 58	0 6	8 43	1 21	16 46	1 44	12 21	0 50	11 1	1 43	32 3	8 16	14 28	14 53	8 15		n.a.
T 6	10 54	3s50	2 3	15 4	1 46	21 57	0 37	22 4	0 8	8 42	1 21	16 46	1 44	12 22	0 50	11 0	1 43	32 2	8 16	14 26	14 52	8 12		n.a.
F 7	10 32	9 16	1 3	14 25	1 43	21 52	0 32	22 10	0 9	8 41	1 21	16 46	1 44	12 23	0 50	10 59	1 43	32 2	8 16	14 25	14 51	8 9		n.a.
S 8	10 10	14 27	0s 1	13 45	1 40	21 47	0 28	22 16	0 10	8 40	1 21	16 46	1 44	12 24	0 50	10 58	1 43	32 2	8 16	14 25	14 50	8 6		n.a.
S 9	9 48	19 10	1 5	13 4	1 36	21 40	0 23	22 22	0 11	8 39	1 21	16 46	1 44	12 25	0 50	10 57	1 43	32 2	8 15	14 25	14 49	8 2		n.a.
M10	9 25	23 9	2 8	12 22	1 31	21 34	0 19	22 28	0 13	8 37	1 21	16 46	1 44	12 26	0 50	10 56	1 43	32 2	8 15	14 25	14 48	7 59		n.a.
T 11	9 3	26 8	3 7	11 40	1 27	21 26	0 15	22 33	0 14	8 36	1 21	16 46	1 44	12 26	0 50	10 56	1 43	32 2	8 15	14 25	14 47	7 56		n.a.
W12	8 40	27 47	3 57	10 57	1 22	21 18	0 10	22 38	0 15	8 35	1 22	16 46	1 44	12 27	0 50	10 55	1 43	32 2	8 15	14 24	14 45	7 53		n.a.
T 13	8 17	27 49	4 36	10 14	1 17	21 9	0 6	22 44	0 17	8 33	1 22	16 46	1 45	12 28	0 50	10 54	1 43	32 2	8 15	14 23	14 44	7 50		n.a.
F 14	7 54	26 1	5 0	9 31	1 12	21 0	0 2	22 49	0 18	8 32	1 22	16 46	1 45	12 29	0 50	10 53	1 43	32 1	8 15	14 21	14 43	7 46		n.a.
S 15	7 31	22 27	5 5	8 47	1 6	20 50	0n 3	22 54	0 19	8 30	1 22	16 46	1 45	12 30	0 50	10 52	1 43	32 1	8 15	14 18	14 42	7 43		n.a.
S 16	7 8	17 20	4 49	8 3	1 0	20 39	0 7	22 59	0 21	8 29	1 22	16 46	1 45	12 31	0 50	10 51	1 43	32 1	8 15	14 15	14 41	7 40		n.a.
M17	6 45	11 3	4 12	7 19	0 55	20 28	0 11	23 4	0 22	8 27	1 22	16 46	1 45	12 32	0 50	10 51	1 43	32 1	8 14	14 12	14 40	7 37		n.a.
T 18	6 21	4 6	3 17	6 34	0 49	20 16	0 15	23 9	0 23	8 25	1 22	16 45	1 45	12 32	0 50	10 50	1 43	32 1	8 14	14 10	14 39	7 34		n.a.
W19	5 58	3n 1	2 9	5 50	0 43	20 4	0 19	23 13	0 25	8 23	1 22	16 45	1 45	12 33	0 50	10 49	1 43	32 1	8 14	14 9	14 38	7 30		n.a.
T 20	5 34	9 51	0 53	5 5	0 36	19 51	0 22	23 18	0 26	8 21	1 22	16 45	1 45	12 34	0 50	10 48	1 43	32 1	8 14	14 8	14 37	7 27		n.a.
F 21	5 11	15 59	0n25	4 20	0 30	19 37	0 26	23 22	0 28	8 19	1 22	16 45	1 45	12 35	0 50	10 47	1 43	32 0	8 14	14 8	14 36	7 24		n.a.
S 22	4 47	21 5	1 38	3 36	0 24	19 23	0 30	23 27	0 29	8 17	1 22	16 44	1 46	12 36	0 50	10 46	1 43	32 0	8 14	14 8	14 35	7 21		n.a.
S 23	4 23	24 54	2 44	2 51	0 17	19 8	0 34	23 31	0 31	8 15	1 23	16 44	1 46	12 36	0 50	10 46	1 43	32 0	8 13	14 8	14 34	7 17		n.a.
M24	3 59	27 15	3 39	2 6	0 11	18 53	0 37	23 35	0 32	8 13	1 23	16 44	1 46	12 37	0 50	10 45	1 43	32 0	8 13	14 9	14 33	7 14		n.a.
T 25	3 35	28 6	4 22	1 22	0 4	18 37	0 41	23 39	0 34	8 11	1 23	16 43	1 46	12 38	0 50	10 44	1 43	32 0	8 13	14 8	14 32	7 11		n.a.
W26	3 10	27 28	4 51	0 37	0s 2	18 21	0 44	23 43	0 35	8 9	1 23	16 43	1 46	12 39	0 50	10 43	1 43	32 0	8 13	14 7	14 31	7 8		n.a.
T 27	2 46	25 30	5 6	0s 7	0 9	18 4	0 47	23 47	0 37	8 7	1 23	16 42	1 46	12 39	0 50	10 42	1 43	32 0	8 13	14 5	14 30	7 5		n.a.
F 28	2 22	22 24	5 7	0 51	0 16	17 46	0 51	23 51	0 39	8 4	1 23	16 42	1 46	12 40	0 50	10 42	1 43	31 59	8 13	14 3	14 29	7 1		n.a.
S 29	1 58	18 24	4 55	1 35	0 22	17 28	0 54	23 55	0 40	8 2	1 23	16 41	1 46	12 41	0 49	10 41	1 43	31 59	8 13	14 0	14 28	6 58		n.a.
S 30	1n33	13n42	4n30	2s19	0s29	17n 9	0n57	23n59	0n42	7n59	1s23	16n41	1s46	12s42	0s49	10n40	1n43	31s59	8s12	13n58	14n27	6n55		n.a.

Julian Day Number = 1290671.5, Delta T = 07h59m31s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'13, Lahiri = -20°14'12 Julian Calendar 1 Sept. 1180 BCE == Greg. Calendar 21 Aug. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

OCTOBER 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 55 1	27♍ 9'34	17♍38	6♎12	17♌22	18♊22	23°R23	21°R17	29°R13	7♍ 4	3♑46	6°R32	8♉ 4	21♍29	n.a.	M 1
T 2	23 58 57	28°10'06	29°28	7°45	18°33	18°43	23♈16	21♉15	29♒11	7° 6	3°46	6♉25	8° 1	21°35	n.a.	T 2
W 3	0 2 54	29°10'39	11♎18	9°17	19°45	19° 4	23°10	21°13	29° 9	7° 8	3°46	6°20	7°58	21°42	n.a.	W 3
T 4	0 6 50	0♎11'14	23°11	10°49	20°57	19°25	23° 3	21°11	29° 7	7°10	3°46	6°17	7°55	21°49	n.a.	T 4
F 5	0 10 47	1°11'51	5♏ 9	12°21	22° 9	19°45	22°56	21° 9	29° 5	7°12	3°47	6°D16	7°51	21°56	n.a.	F 5
S 6	0 14 44	2°12'29	17°15	13°53	23°21	20° 5	22°48	21° 7	29° 3	7°14	3°47	6°17	7°48	22° 2	n.a.	S 6
S 7	0 18 40	3°13'09	29°31	15°24	24°33	20°24	22°41	21° 4	29° 1	7°16	3°47	6°18	7°45	22° 9	n.a.	S 7
M 8	0 22 37	4°13'50	12♐ 1	16°55	25°46	20°43	22°34	21° 2	28°59	7°18	3°47	6°20	7°42	22°16	n.a.	M 8
T 9	0 26 33	5°14'33	24°50	18°25	26°58	21° 2	22°26	20°59	28°57	7°20	3°47	6°22	7°39	22°22	n.a.	T 9
W10	0 30 30	6°15'17	8♑ 0	19°56	28°11	21°20	22°19	20°56	28°56	7°22	3°48	6°R22	7°35	22°29	n.a.	W10
T 11	0 34 26	7°16'02	21°36	21°25	29°23	21°37	22°11	20°54	28°54	7°24	3°48	6°21	7°32	22°36	n.a.	T 11
F 12	0 38 23	8°16'48	5♒38	22°55	0♍36	21°54	22° 3	20°51	28°52	7°26	3°49	6°19	7°29	22°42	n.a.	F 12
S 13	0 42 20	9°17'35	20° 5	24°24	1°49	22°11	21°56	20°48	28°50	7°28	3°49	6°16	7°26	22°49	n.a.	S 13
S 14	0 46 16	10°18'24	4♓56	25°53	3° 1	22°27	21°48	20°45	28°49	7°30	3°49	6°12	7°23	22°56	n.a.	S 14
M15	0 50 13	11°19'13	20° 1	27°21	4°14	22°42	21°40	20°41	28°47	7°32	3°50	6° 8	7°20	23° 2	n.a.	M15
T 16	0 54 9	12°20'04	5♈14	28°49	5°27	22°57	21°32	20°38	28°46	7°34	3°50	6° 5	7°16	23° 9	n.a.	T 16
W17	0 58 6	13°20'57	20°24	0♏16	6°40	23°12	21°24	20°35	28°44	7°36	3°51	6° 4	7°13	23°16	n.a.	W17
T 18	1 2 2	14°21'50	5♉21	1°42	7°54	23°26	21°16	20°31	28°43	7°38	3°51	6°D 3	7°10	23°22	n.a.	T 18
F 19	1 5 59	15°22'45	19°57	3° 8	9° 7	23°39	21° 8	20°28	28°41	7°40	3°52	6° 3	7° 7	23°29	n.a.	F 19
S 20	1 9 55	16°23'42	4♊ 8	4°33	10°20	23°52	21° 0	20°24	28°40	7°42	3°52	6° 5	7° 4	23°36	n.a.	S 20
S 21	1 13 52	17°24'40	17°51	5°57	11°34	24° 5	20°51	20°20	28°38	7°43	3°53	6° 6	7° 1	23°43	n.a.	S 21
M22	1 17 49	18°25'40	1♋ 7	7°21	12°47	24°16	20°43	20°17	28°37	7°45	3°54	6° 7	6°57	23°49	n.a.	M22
T 23	1 21 45	19°26'41	13°59	8°43	14° 1	24°27	20°35	20°13	28°36	7°47	3°54	6°R 8	6°54	23°56	n.a.	T 23
W24	1 25 42	20°27'43	26°30	10° 3	15°14	24°38	20°27	20° 9	28°34	7°49	3°55	6° 8	6°51	24° 3	n.a.	W24
T 25	1 29 38	21°28'47	8♌45	11°22	16°28	24°48	20°19	20° 5	28°33	7°51	3°56	6° 7	6°48	24° 9	n.a.	T 25
F 26	1 33 35	22°29'52	20°47	12°39	17°42	24°57	20°10	20° 1	28°32	7°52	3°57	6° 6	6°45	24°16	n.a.	F 26
S 27	1 37 31	23°30'58	2♍41	13°55	18°55	25° 5	20° 2	19°57	28°31	7°54	3°57	6° 4	6°41	24°23	n.a.	S 27
S 28	1 41 28	24°32'06	14°31	15° 7	20° 9	25°13	19°54	19°52	28°30	7°56	3°58	6° 2	6°38	24°29	n.a.	S 28
M29	1 45 24	25°33'14	26°20	16°17	21°23	25°21	19°46	19°48	28°29	7°57	3°59	6° 0	6°35	24°36	n.a.	M29
T 30	1 49 21	26°34'24	8♎11	17°24	22°37	25°27	19°38	19°44	28°28	7°59	4° 0	5°59	6°32	24°43	n.a.	T 30
W31	1 53 18	27♎35'34	20♎ 6	18♏27	23♍51	25♊33	19♈30	19♉39	28♒27	8♍ 1	4♑ 1	5♉58	6♉29	24♍49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n 9	8n32	3n53	3s 2	0s35	16n50	1n 0	24n 2	0n43	7n57	1s23	16n40	1s46	12s42	0s49	10n39	1n43	31s59	8s12	13n55	14n26	6n52		n.a.
T 2	0 44	3 4	3 7	3 46	0 42	16 30	1 3	24 6	0 45	7 54	1 23	16 40	1 46	12 43	0 49	10 39	1 43	31 59	8 12	13 53	14 25	6 48		n.a.
W 3	0 20	2s32	2 12	4 29	0 48	16 10	1 6	24 9	0 47	7 52	1 23	16 39	1 47	12 44	0 49	10 38	1 43	31 59	8 12	13 51	14 24	6 45		n.a.
T 4	0s 5	8 4	1 11	5 11	0 55	15 50	1 8	24 13	0 48	7 49	1 23	16 39	1 47	12 45	0 49	10 37	1 43	31 58	8 12	13 50	14 23	6 42		n.a.
F 5	0 29	13 22	0 6	5 53	1 1	15 29	1 11	24 16	0 50	7 47	1 23	16 38	1 47	12 45	0 49	10 36	1 43	31 58	8 12	13 50	14 22	6 39		n.a.
S 6	0 54	18 13	1s 0	6 35	1 7	15 7	1 14	24 19	0 52	7 44	1 23	16 37	1 47	12 46	0 49	10 35	1 43	31 58	8 11	13 50	14 21	6 35		n.a.
S 7	1 18	22 24	2 4	7 17	1 13	14 45	1 16	24 23	0 54	7 41	1 23	16 36	1 47	12 47	0 49	10 35	1 43	31 58	8 11	13 51	14 19	6 32		n.a.
M 8	1 43	25 38	3 3	7 58	1 19	14 22	1 19	24 26	0 56	7 38	1 23	16 36	1 47	12 47	0 49	10 34	1 43	31 58	8 11	13 51	14 18	6 29		n.a.
T 9	2 7	27 39	3 55	8 38	1 25	13 59	1 21	24 29	0 57	7 36	1 23	16 35	1 47	12 48	0 49	10 33	1 43	31 58	8 11	13 52	14 17	6 26		n.a.
W10	2 31	28 11	4 36	9 19	1 30	13 36	1 23	24 32	0 59	7 33	1 23	16 34	1 47	12 48	0 49	10 32	1 43	31 57	8 11	13 52	14 16	6 22		n.a.
T 11	2 56	27 4	5 3	9 58	1 36	13 12	1 25	24 35	1 1	7 30	1 23	16 33	1 47	12 49	0 49	10 32	1 43	31 57	8 11	13 52	14 15	6 19		n.a.
F 12	3 20	24 14	5 14	10 37	1 41	12 48	1 27	24 38	1 3	7 27	1 23	16 33	1 47	12 50	0 49	10 31	1 43	31 57	8 10	13 51	14 14	6 16		n.a.
S 13	3 45	19 50	5 5	11 15	1 46	12 24	1 29	24 41	1 5	7 24	1 23	16 32	1 47	12 50	0 49	10 30	1 44	31 57	8 10	13 50	14 13	6 13		n.a.
S 14	4 9	14 7	4 35	11 53	1 51	11 59	1 31	24 44	1 7	7 21	1 23	16 31	1 47	12 51	0 49	10 30	1 44	31 57	8 10	13 49	14 12	6 9		n.a.
M15	4 33	7 29	3 47	12 30	1 56	11 33	1 33	24 47	1 9	7 18	1 23	16 30	1 47	12 51	0 49	10 29	1 44	31 57	8 10	13 47	14 11	6 6		n.a.
T 16	4 57	0 21	2 42	13 6	2 0	11 8	1 35	24 50	1 11	7 15	1 23	16 29	1 47	12 52	0 49	10 28	1 44	31 56	8 10	13 46	14 10	6 3		n.a.
W17	5 21	6n47	1 25	13 42	2 5	10 42	1 36	24 52	1 13	7 12	1 23	16 28	1 47	12 52	0 49	10 27	1 44	31 56	8 10	13 46	14 9	5 59		n.a.
T 18	5 45	13 28	0 4	14 16	2 9	10 15	1 38	24 55	1 15	7 9	1 23	16 27	1 47	12 53	0 49	10 27	1 44	31 56	8 10	13 45	14 8	5 56		n.a.
F 19	6 9	19 14	1n16	14 50	2 12	9 49	1 39	24 58	1 17	7 6	1 22	16 26	1 48	12 53	0 49	10 26	1 44	31 56	8 9	13 46	14 7	5 53		n.a.
S 20	6 33	23 46	2 29	15 22	2 15	9 22	1 41	25 1	1 19	7 3	1 22	16 25	1 48	12 54	0 49	10 25	1 44	31 56	8 9	13 46	14 6	5 50		n.a.
S 21	6 57	26 46	3 31	15 54	2 18	8 55	1 42	25 3	1 21	7 0	1 22	16 24	1 48	12 54	0 49	10 25	1 44	31 56	8 9	13 47	14 5	5 46		n.a.
M22	7 20	28 9	4 19	16 24	2 21	8 27	1 43	25 6	1 24	6 57	1 22	16 23	1 48	12 55	0 49	10 24	1 44	31 55	8 9	13 47	14 4	5 43		n.a.
T 23	7 44	27 57	4 53	16 53	2 23	7 59	1 44	25 9	1 26	6 54	1 22	16 22	1 48	12 55	0 49	10 24	1 44	31 55	8 9	13 47	14 3	5 40		n.a.
W24	8 7	26 18	5 12	17 21	2 24	7 31	1 45	25 11	1 28	6 51	1 22	16 21	1 48	12 55	0 49	10 23	1 44	31 55	8 9	13 47	14 2	5 37		n.a.
T 25	8 31	23 27	5 16	17 47	2 25	7 3	1 46	25 14	1 30	6 48	1 22	16 20	1 48	12 56	0 49	10 22	1 44	31 55	8 9	13 47	14 1	5 33		n.a.
F 26	8 54	19 37	5 6	18 12	2 26	6 35	1 47	25 17	1 32	6 45	1 22	16 19	1 48	12 56	0 49	10 22	1 44	31 55	8 8	13 46	13 59	5 30		n.a.
S 27	9 17	15 4	4 43	18 35	2 25	6 6	1 48	25 19	1 35	6 42	1 22	16 17	1 48	12 57	0 49	10 21	1 44	31 55	8 8	13 46	13 58	5 27		n.a.
S 28	9 40	10 0	4 8	18 56	2 24	5 37	1 48	25 22	1 37	6 39	1 21	16 16	1 48	12 57	0 49	10 20	1 44	31 54	8 8	13 45	13 57	5 23		n.a.
M29	10 2	4 34	3 22	19 16	2 23	5 8	1 49	25 25	1 39	6 36	1 21	16 15	1 48	12 57	0 49	10 20	1 44	31 54	8 8	13 45	13 56	5 20		n.a.
T 30	10 25	1s 2	2 28	19 33	2 20	4 39	1 49	25 27	1 42	6 33	1 21	16 14	1 48	12 58	0 49	10 19	1 44	31 54	8 8	13 44	13 55	5 17		n.a.
W31	10s47	6s39	1n27	19s48	2s17	4n 9	1n49	25n30	1n44	6n30	1s21	16n13	1s48	12s58	0s49	10n19	1n44	31s54	8s 8	13n44	13n54	5n13		n.a.

Julian Day Number = 1290701.5, Delta T = 07h59m29s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'09, Lahiri = -20°14'08 Julian Calendar 1 Oct. 1180 BCE == Greg. Calendar 20 Sept. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

NOVEMBER 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 14	28♎36'45	2♏ 7	19♏26	25♍ 5	25♊38	19°R22	19°R35	28°R26	8♍ 2	4♑ 1	5°D58	6♉26	24♍56	n.a.	T 1
F 2	2 1 11	29°37'58	14°17	20°20	26°19	25°42	19♈14	19♉30	28♒25	8° 4	4° 2	5♉58	6°22	25° 3	n.a.	F 2
S 3	2 5 7	0♏39'10	26°36	21° 9	27°33	25°46	19° 6	19°26	28°24	8° 5	4° 3	5°58	6°19	25° 9	n.a.	S 3
S 4	2 9 4	1°40'24	9♐ 6	21°51	28°48	25°49	18°58	19°21	28°24	8° 7	4° 4	5°59	6°16	25°16	n.a.	S 4
M 5	2 13 0	2°41'38	21°49	22°26	0♎ 2	25°51	18°50	19°17	28°23	8° 8	4° 5	5°59	6°13	25°23	n.a.	M 5
T 6	2 16 57	3°42'53	4♑47	22°53	1°16	25°53	18°43	19°12	28°22	8°10	4° 6	5°59	6°10	25°29	n.a.	T 6
W 7	2 20 53	4°44'07	18° 1	23°11	2°30	25°R53	18°35	19° 7	28°22	8°11	4° 7	6° 0	6° 6	25°36	n.a.	W 7
T 8	2 24 50	5°45'22	1♒33	23°R19	3°45	25°53	18°28	19° 2	28°21	8°13	4° 8	6° 0	6° 3	25°43	n.a.	T 8
F 9	2 28 47	6°46'38	15°24	23°17	4°59	25°52	18°20	18°58	28°21	8°14	4°10	6° 0	6° 0	25°49	n.a.	F 9
S 10	2 32 43	7°47'53	29°35	23° 4	6°13	25°50	18°13	18°53	28°20	8°15	4°11	6° 0	5°57	25°56	n.a.	S 10
S 11	2 36 40	8°49'09	14♓ 2	22°39	7°28	25°48	18° 6	18°48	28°20	8°17	4°12	6° 0	5°54	26° 3	n.a.	S 11
M12	2 40 36	9°50'24	28°43	22° 2	8°42	25°45	17°59	18°43	28°20	8°18	4°13	6° 0	5°51	26° 9	n.a.	M12
T 13	2 44 33	10°51'40	13♈33	21°14	9°57	25°40	17°52	18°38	28°19	8°19	4°14	6° 1	5°47	26°16	n.a.	T 13
W14	2 48 29	11°52'56	28°24	20°15	11°11	25°36	17°45	18°33	28°19	8°20	4°15	6° 1	5°44	26°23	n.a.	W14
T 15	2 52 26	12°54'12	13♉10	19° 8	12°26	25°30	17°38	18°28	28°19	8°22	4°16	6°R 1	5°41	26°30	n.a.	T 15
F 16	2 56 22	13°55'28	27°42	17°53	13°40	25°23	17°31	18°23	28°19	8°23	4°18	6° 0	5°38	26°36	n.a.	F 16
S 17	3 0 19	14°56'45	11♊54	16°33	14°55	25°16	17°25	18°18	28°19	8°24	4°19	6° 0	5°35	26°43	n.a.	S 17
S 18	3 4 16	15°58'02	25°43	15°11	16° 9	25° 8	17°19	18°13	28°D19	8°25	4°20	5°58	5°32	26°50	n.a.	S 18
M19	3 8 12	16°59'19	9♋ 7	13°49	17°24	24°59	17°12	18° 8	28°19	8°26	4°22	5°57	5°28	26°56	n.a.	M19
T 20	3 12 9	18° 0'37	22° 7	12°31	18°39	24°49	17° 6	18° 3	28°19	8°27	4°23	5°56	5°25	27° 3	n.a.	T 20
W21	3 16 5	19° 1'55	4♌43	11°18	19°53	24°38	17° 0	17°58	28°19	8°28	4°24	5°54	5°22	27°10	n.a.	W21
T 22	3 20 2	20° 3'13	17° 1	10°13	21° 8	24°27	16°55	17°53	28°19	8°29	4°26	5°D54	5°19	27°16	n.a.	T 22
F 23	3 23 58	21° 4'31	29° 5	9°17	22°23	24°14	16°49	17°48	28°19	8°30	4°27	5°54	5°16	27°23	n.a.	F 23
S 24	3 27 55	22° 5'50	10♍59	8°30	23°38	24° 1	16°44	17°43	28°20	8°31	4°28	5°55	5°12	27°30	n.a.	S 24
S 25	3 31 52	23° 7'08	22°48	7°54	24°52	23°47	16°38	17°38	28°20	8°32	4°30	5°56	5° 9	27°36	n.a.	S 25
M26	3 35 48	24° 8'27	4♎37	7°28	26° 7	23°33	16°33	17°33	28°20	8°33	4°31	5°58	5° 6	27°43	n.a.	M26
T 27	3 39 45	25° 9'45	16°30	7°12	27°22	23°17	16°28	17°28	28°21	8°34	4°33	5°59	5° 3	27°50	n.a.	T 27
W28	3 43 41	26°11'03	28°31	7°D 6	28°37	23° 1	16°24	17°23	28°21	8°35	4°34	6° 0	5° 0	27°56	n.a.	W28
T 29	3 47 38	27°12'22	10♏42	7° 9	29°52	22°44	16°19	17°19	28°22	8°35	4°36	6°R 1	4°57	28° 3	n.a.	T 29
F 30	3 51 34	28♏13'40	23♏ 6	7♏20	1♏ 6	22♊27	16♈15	17♉14	28♒22	8♍36	4♑37	6♉ 0	4♉53	28♍10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s10	12s 5	0n21	20s 0	2s13	3n39	1n50	25n32	1n47	6n27	1s21	16n12	1s48	12s58	0s48	10n18	1n44	31s54	8s 8	13n44	13n53	5n10		n.a.
F 2	11 32	17 7	0s46	20 10	2 7	3 10	1 50	25 35	1 49	6 25	1 21	16 10	1 48	12 58	0 48	10 18	1 44	31 54	8 7	13 44	13 52	5 7		n.a.
S 3	11 53	21 32	1 52	20 17	2 1	2 40	1 50	25 38	1 52	6 22	1 20	16 9	1 48	12 59	0 48	10 17	1 44	31 53	8 7	13 44	13 51	5 4		n.a.
S 4	12 15	25 3	2 54	20 21	1 53	2 10	1 50	25 40	1 54	6 19	1 20	16 8	1 48	12 59	0 48	10 17	1 45	31 53	8 7	13 44	13 50	5 0		n.a.
M 5	12 37	27 22	3 48	20 22	1 44	1 40	1 50	25 43	1 57	6 16	1 20	16 7	1 48	12 59	0 48	10 16	1 45	31 53	8 7	13 44	13 49	4 57		n.a.
T 6	12 58	28 17	4 32	20 19	1 34	1 10	1 50	25 45	1 59	6 13	1 20	16 5	1 48	12 59	0 48	10 16	1 45	31 53	8 7	13 44	13 48	4 54		n.a.
W 7	13 19	27 35	5 2	20 12	1 22	0 39	1 50	25 48	2 2	6 10	1 20	16 4	1 48	12 59	0 48	10 15	1 45	31 53	8 7	13 44	13 47	4 50		n.a.
T 8	13 40	25 17	5 17	20 1	1 9	0 9	1 49	25 51	2 4	6 8	1 20	16 3	1 48	13 0	0 48	10 15	1 45	31 53	8 7	13 44	13 46	4 47		n.a.
F 9	14 0	21 27	5 13	19 47	0 54	0s21	1 49	25 53	2 7	6 5	1 19	16 2	1 47	13 0	0 48	10 14	1 45	31 52	8 7	13 44	13 45	4 44		n.a.
S 10	14 20	16 20	4 51	19 28	0 38	0 51	1 48	25 56	2 10	6 2	1 19	16 0	1 47	13 0	0 48	10 14	1 45	31 52	8 6	13 44	13 43	4 40		n.a.
S 11	14 41	10 13	4 10	19 4	0 21	1 22	1 48	25 58	2 12	6 0	1 19	15 59	1 47	13 0	0 48	10 13	1 45	31 52	8 6	13 44	13 42	4 37		n.a.
M12	15 0	3 27	3 13	18 37	0 2	1 52	1 47	26 1	2 15	5 57	1 19	15 58	1 47	13 0	0 48	10 13	1 45	31 52	8 6	13 45	13 41	4 34		n.a.
T 13	15 20	3n34	2 2	18 5	0n17	2 23	1 46	26 3	2 18	5 55	1 18	15 56	1 47	13 0	0 48	10 12	1 45	31 52	8 6	13 45	13 40	4 30		n.a.
W14	15 39	10 26	0 42	17 30	0 38	2 53	1 46	26 6	2 20	5 52	1 18	15 55	1 47	13 0	0 48	10 12	1 45	31 52	8 6	13 45	13 39	4 27		n.a.
T 15	15 58	16 41	0n40	16 52	0 58	3 23	1 45	26 8	2 23	5 50	1 18	15 54	1 47	13 0	0 48	10 11	1 45	31 52	8 6	13 45	13 38	4 24		n.a.
F 16	16 17	21 53	1 57	16 12	1 18	3 54	1 44	26 11	2 26	5 48	1 18	15 52	1 47	13 0	0 48	10 11	1 45	31 51	8 6	13 45	13 37	4 20		n.a.
S 17	16 35	25 40	3 6	15 30	1 37	4 24	1 43	26 13	2 28	5 45	1 17	15 51	1 47	13 0	0 48	10 11	1 45	31 51	8 6	13 44	13 36	4 17		n.a.
S 18	16 53	27 48	4 2	14 49	1 56	4 54	1 42	26 16	2 31	5 43	1 17	15 50	1 47	13 0	0 48	10 10	1 45	31 51	8 6	13 44	13 35	4 14		n.a.
M19	17 11	28 13	4 43	14 9	2 12	5 24	1 40	26 18	2 34	5 41	1 17	15 48	1 47	13 0	0 48	10 10	1 45	31 51	8 5	13 43	13 34	4 10		n.a.
T 20	17 29	27 3	5 8	13 32	2 27	5 54	1 39	26 20	2 36	5 39	1 17	15 47	1 47	13 0	0 48	10 10	1 45	31 51	8 5	13 43	13 33	4 7		n.a.
W21	17 46	24 31	5 17	12 57	2 39	6 24	1 38	26 23	2 39	5 37	1 16	15 46	1 47	13 0	0 48	10 9	1 46	31 51	8 5	13 43	13 32	4 4		n.a.
T 22	18 3	20 55	5 11	12 27	2 49	6 53	1 37	26 25	2 42	5 35	1 16	15 45	1 47	13 0	0 48	10 9	1 46	31 51	8 5	13 42	13 31	4 0		n.a.
F 23	18 19	16 31	4 51	12 2	2 57	7 23	1 35	26 27	2 45	5 33	1 16	15 43	1 46	13 0	0 48	10 9	1 46	31 50	8 5	13 43	13 30	3 57		n.a.
S 24	18 36	11 33	4 19	11 42	3 2	7 52	1 34	26 29	2 47	5 31	1 16	15 42	1 46	13 0	0 48	10 8	1 46	31 50	8 5	13 43	13 28	3 54		n.a.
S 25	18 52	6 13	3 37	11 27	3 5	8 22	1 32	26 31	2 50	5 29	1 15	15 41	1 46	12 59	0 48	10 8	1 46	31 50	8 5	13 43	13 27	3 50		n.a.
M26	19 7	0 39	2 45	11 17	3 7	8 51	1 31	26 33	2 52	5 28	1 15	15 39	1 46	12 59	0 47	10 8	1 46	31 50	8 5	13 44	13 26	3 47		n.a.
T 27	19 22	4s58	1 46	11 12	3 7	9 20	1 29	26 35	2 55	5 26	1 15	15 38	1 46	12 59	0 47	10 8	1 46	31 50	8 5	13 44	13 25	3 44		n.a.
W28	19 37	10 29	0 41	11 12	3 5	9 48	1 27	26 36	2 58	5 24	1 14	15 37	1 46	12 59	0 47	10 7	1 46	31 50	8 5	13 45	13 24	3 40		n.a.
T 29	19 52	15 41	0s26	11 16	3 2	10 17	1 25	26 38	3 0	5 23	1 14	15 36	1 46	12 59	0 47	10 7	1 46	31 50	8 5	13 45	13 23	3 37		n.a.
F 30	20s 6	20s21	1s33	11s23	2n58	10s45	1n24	26n39	3n 3	5n22	1s14	15n34	1s46	12s58	0s47	10n 7	1n46	31s49	8s 5	13n44	13n22	3n34		n.a.

Julian Day Number = 1290732.5, Delta T = 07h59m27s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'05, Lahiri = -20°14'04 Julian Calendar 1 Nov. 1180 BCE == Greg. Calendar 21 Oct. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1180 BCE
geocentric

DECEMBER 1180 BCE (-1179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 31	29♏14'58	5♐43	7♏39	2♏21	22°R 9	16°R11	17°R 9	28♒23	8♍37	4♑39	5°R57	4♉50	28♍16	n.a.	S 1
S 2	3 59 27	0♐16'15	18°34	8° 5	3°36	21♊50	16♈ 7	17♉ 4	28°24	8°37	4°40	5♉54	4°47	28°23	n.a.	S 2
M 3	4 3 24	1°17'32	1♑40	8°37	4°51	21°30	16° 3	16°59	28°25	8°38	4°42	5°50	4°44	28°30	n.a.	M 3
T 4	4 7 21	2°18'48	14°58	9°15	6° 6	21°10	15°59	16°55	28°25	8°39	4°43	5°46	4°41	28°36	n.a.	T 4
W 5	4 11 17	3°20'03	28°29	9°59	7°20	20°50	15°56	16°50	28°26	8°39	4°45	5°42	4°38	28°43	n.a.	W 5
T 6	4 15 14	4°21'18	12♒12	10°46	8°35	20°28	15°52	16°45	28°27	8°40	4°46	5°39	4°34	28°50	n.a.	T 6
F 7	4 19 10	5°22'32	26° 4	11°38	9°50	20° 7	15°49	16°41	28°28	8°40	4°48	5°37	4°31	28°56	n.a.	F 7
S 8	4 23 7	6°23'44	10♓ 7	12°34	11° 5	19°45	15°47	16°36	28°29	8°41	4°49	5°D37	4°28	29° 3	n.a.	S 8
S 9	4 27 3	7°24'56	24°17	13°33	12°20	19°22	15°44	16°32	28°30	8°41	4°51	5°37	4°25	29°10	n.a.	S 9
M10	4 31 0	8°26'06	8♈34	14°35	13°35	19° 0	15°42	16°27	28°31	8°42	4°53	5°39	4°22	29°16	n.a.	M10
T 11	4 34 57	9°27'15	22°56	15°40	14°49	18°36	15°39	16°23	28°32	8°42	4°54	5°40	4°18	29°23	n.a.	T 11
W12	4 38 53	10°28'24	7♉18	16°47	16° 4	18°13	15°37	16°18	28°34	8°42	4°56	5°R41	4°15	29°30	n.a.	W12
T 13	4 42 50	11°29'31	21°38	17°56	17°19	17°49	15°35	16°14	28°35	8°43	4°58	5°40	4°12	29°36	n.a.	T 13
F 14	4 46 46	12°30'38	5♊49	19° 8	18°34	17°26	15°34	16°10	28°36	8°43	4°59	5°37	4° 9	29°43	n.a.	F 14
S 15	4 50 43	13°31'43	19°47	20°21	19°49	17° 2	15°32	16° 6	28°38	8°43	5° 1	5°32	4° 6	29°50	n.a.	S 15
S 16	4 54 39	14°32'48	3♋29	21°36	21° 4	16°38	15°31	16° 2	28°39	8°43	5° 3	5°26	4° 3	29°56	n.a.	S 16
M17	4 58 36	15°33'51	16°51	22°52	22°18	16°14	15°30	15°58	28°40	8°43	5° 4	5°19	3°59	0♎ 3	n.a.	M17
T 18	5 2 33	16°34'54	29°51	24°10	23°33	15°50	15°29	15°54	28°42	8°44	5° 6	5°12	3°56	0°10	n.a.	T 18
W19	5 6 29	17°35'56	12♌30	25°29	24°48	15°26	15°29	15°50	28°43	8°44	5° 8	5° 5	3°53	0°16	n.a.	W19
T 20	5 10 26	18°36'57	24°51	26°49	26° 3	15° 2	15°28	15°46	28°45	8°44	5°10	5° 1	3°50	0°23	n.a.	T 20
F 21	5 14 22	19°37'57	6♍57	28°11	27°18	14°38	15°D28	15°42	28°47	8°R44	5°11	4°58	3°47	0°30	n.a.	F 21
S 22	5 18 19	20°38'56	18°52	29°33	28°33	14°14	15°28	15°39	28°48	8°44	5°13	4°D56	3°44	0°36	n.a.	S 22
S 23	5 22 15	21°39'54	0♎42	0♐57	29°47	13°51	15°28	15°35	28°50	8°44	5°15	4°57	3°40	0°43	n.a.	S 23
M24	5 26 12	22°40'51	12°31	2°21	1♐ 2	13°28	15°29	15°32	28°52	8°44	5°17	4°58	3°37	0°50	n.a.	M24
T 25	5 30 8	23°41'47	24°25	3°47	2°17	13° 5	15°29	15°28	28°54	8°43	5°18	5° 0	3°34	0°56	n.a.	T 25
W26	5 34 5	24°42'42	6♏29	5°14	3°32	12°42	15°30	15°25	28°55	8°43	5°20	5°R 0	3°31	1° 3	n.a.	W26
T 27	5 38 2	25°43'36	18°47	6°41	4°47	12°20	15°31	15°22	28°57	8°43	5°22	4°59	3°28	1°10	n.a.	T 27
F 28	5 41 58	26°44'29	1♐22	8° 9	6° 2	11°59	15°33	15°19	28°59	8°43	5°24	4°56	3°24	1°16	n.a.	F 28
S 29	5 45 55	27°45'21	14°16	9°38	7°16	11°38	15°34	15°16	29° 1	8°43	5°25	4°50	3°21	1°23	n.a.	S 29
S 30	5 49 51	28°46'11	27°29	11° 8	8°31	11°17	15°36	15°13	29° 3	8°42	5°27	4°42	3°18	1°30	n.a.	S 30
M31	5 53 48	29♐47'00	11♑ 0	12♐39	9♐46	10♊57	15♈37	15♉10	29♒ 5	8♍42	5♑29	4♉32	3♉15	1♎36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s19	24s11	2s36	11s34	2n53	11s13	1n22	26n41	3n 5	5n20	1s14	15n33	1s45	12s58	0s47	10n 7	1n46	31s49	8s 4	13n44	13n21	3n30		n.a.
S 2	20 33	26 52	3 33	11 48	2 47	11 40	1 20	26 42	3 8	5 19	1 13	15 32	1 45	12 58	0 47	10 6	1 46	31 49	8 4	13 42	13 20	3 27		n.a.
M 3	20 46	28 9	4 20	12 5	2 41	12 8	1 18	26 43	3 10	5 18	1 13	15 31	1 45	12 57	0 47	10 6	1 46	31 49	8 4	13 41	13 19	3 24		n.a.
T 4	20 58	27 50	4 53	12 24	2 34	12 35	1 16	26 44	3 12	5 17	1 13	15 29	1 45	12 57	0 47	10 6	1 46	31 49	8 4	13 40	13 18	3 20		n.a.
W 5	21 10	25 52	5 11	12 44	2 26	13 2	1 14	26 45	3 15	5 15	1 12	15 28	1 45	12 57	0 47	10 6	1 46	31 49	8 4	13 38	13 17	3 17		n.a.
T 6	21 22	22 23	5 11	13 7	2 18	13 28	1 12	26 46	3 17	5 15	1 12	15 27	1 45	12 56	0 47	10 6	1 46	31 49	8 4	13 37	13 15	3 14		n.a.
F 7	21 33	17 37	4 54	13 31	2 10	13 54	1 9	26 46	3 19	5 14	1 12	15 26	1 45	12 56	0 47	10 6	1 47	31 49	8 4	13 37	13 14	3 10		n.a.
S 8	21 44	11 53	4 18	13 56	2 2	14 20	1 7	26 47	3 21	5 13	1 11	15 25	1 44	12 56	0 47	10 6	1 47	31 49	8 4	13 37	13 13	3 7		n.a.
S 9	21 55	5 28	3 27	14 22	1 54	14 46	1 5	26 47	3 23	5 12	1 11	15 23	1 44	12 55	0 47	10 5	1 47	31 48	8 4	13 37	13 12	3 4		n.a.
M10	22 5	1n16	2 23	14 48	1 45	15 11	1 3	26 47	3 25	5 11	1 11	15 22	1 44	12 55	0 47	10 5	1 47	31 48	8 4	13 37	13 11	3 0		n.a.
T 11	22 14	7 59	1 9	15 16	1 37	15 35	1 1	26 47	3 27	5 11	1 10	15 21	1 44	12 54	0 47	10 5	1 47	31 48	8 4	13 38	13 10	2 57		n.a.
W12	22 23	14 19	0n 9	15 43	1 28	16 0	0 58	26 46	3 29	5 10	1 10	15 20	1 44	12 54	0 47	10 5	1 47	31 48	8 4	13 38	13 9	2 54		n.a.
T 13	22 32	19 51	1 26	16 11	1 20	16 24	0 56	26 46	3 31	5 10	1 10	15 19	1 44	12 53	0 47	10 5	1 47	31 48	8 4	13 38	13 8	2 50		n.a.
F 14	22 40	24 12	2 37	16 39	1 11	16 47	0 53	26 45	3 32	5 10	1 10	15 18	1 43	12 53	0 47	10 5	1 47	31 48	8 4	13 37	13 7	2 47		n.a.
S 15	22 48	27 2	3 37	17 8	1 2	17 10	0 51	26 44	3 34	5 9	1 9	15 17	1 43	12 52	0 47	10 5	1 47	31 48	8 4	13 35	13 6	2 43		n.a.
S 16	22 55	28 10	4 23	17 36	0 54	17 32	0 49	26 43	3 35	5 9	1 9	15 16	1 43	12 52	0 47	10 5	1 47	31 48	8 4	13 33	13 5	2 40		n.a.
M17	23 2	27 37	4 54	18 4	0 45	17 54	0 46	26 42	3 37	5 9	1 9	15 15	1 43	12 51	0 47	10 5	1 47	31 48	8 4	13 31	13 3	2 37		n.a.
T 18	23 9	25 32	5 8	18 32	0 37	18 16	0 44	26 41	3 38	5 9	1 8	15 14	1 43	12 51	0 47	10 5	1 47	31 48	8 4	13 28	13 2	2 33		n.a.
W19	23 15	22 14	5 7	18 59	0 29	18 37	0 41	26 40	3 39	5 9	1 8	15 13	1 42	12 50	0 47	10 5	1 47	31 48	8 4	13 26	13 1	2 30		n.a.
T 20	23 20	18 1	4 51	19 26	0 21	18 58	0 39	26 38	3 41	5 9	1 8	15 12	1 42	12 50	0 47	10 5	1 47	31 48	8 4	13 24	13 0	2 27		n.a.
F 21	23 25	13 9	4 23	19 53	0 12	19 18	0 36	26 36	3 42	5 9	1 7	15 11	1 42	12 49	0 46	10 5	1 47	31 47	8 4	13 23	12 59	2 23		n.a.
S 22	23 30	7 53	3 43	20 19	0 5	19 37	0 34	26 34	3 43	5 10	1 7	15 11	1 42	12 48	0 46	10 5	1 48	31 47	8 4	13 23	12 58	2 20		n.a.
S 23	23 34	2 23	2 55	20 44	0s 3	19 56	0 31	26 32	3 43	5 10	1 7	15 10	1 42	12 48	0 46	10 5	1 48	31 47	8 4	13 23	12 57	2 16		n.a.
M24	23 38	3s13	1 58	21 9	0 11	20 15	0 28	26 30	3 44	5 11	1 6	15 9	1 41	12 47	0 46	10 5	1 48	31 47	8 4	13 24	12 56	2 13		n.a.
T 25	23 41	8 44	0 57	21 33	0 18	20 32	0 26	26 28	3 45	5 11	1 6	15 8	1 41	12 46	0 46	10 6	1 48	31 47	8 4	13 24	12 55	2 10		n.a.
W26	23 44	14 2	0s 8	21 57	0 25	20 50	0 23	26 25	3 45	5 12	1 6	15 7	1 41	12 46	0 46	10 6	1 48	31 47	8 4	13 24	12 54	2 6		n.a.
T 27	23 46	18 53	1 14	22 19	0 32	21 6	0 21	26 23	3 46	5 12	1 5	15 7	1 41	12 45	0 46	10 6	1 48	31 47	8 4	13 24	12 53	2 3		n.a.
F 28	23 48	23 1	2 17	22 41	0 39	21 22	0 18	26 20	3 46	5 13	1 5	15 6	1 40	12 44	0 46	10 6	1 48	31 47	8 4	13 23	12 51	2 0		n.a.
S 29	23 49	26 7	3 15	23 1	0 46	21 38	0 16	26 17	3 47	5 14	1 5	15 5	1 40	12 44	0 46	10 6	1 48	31 47	8 4	13 21	12 50	1 56		n.a.
S 30	23 50	27 52	4 4	23 21	0 52	21 53	0 13	26 15	3 47	5 15	1 4	15 5	1 40	12 43	0 46	10 6	1 48	31 47	8 4	13 18	12 49	1 53		n.a.
M31	23s50	28s 1	4s40	23s39	0s59	22s 7	0n10	26n12	3n47	5n16	1s 4	15n 4	1s40	12s42	0s46	10n 6	1n48	31s47	8s 4	13n15	12n48	1n49		n.a.

Julian Day Number = 1290762.5, Delta T = 07h59m26s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°21'01, Lahiri = -20°14'00 Julian Calendar 1 Dec. 1180 BCE == Greg. Calendar 20 Nov. 1180 BCE

The year -1179 astronomical counting style corresponds to year 1180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

JANUARY 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 44	0♉47'47	24♉46	14♐10	11♐ 1	10°R37	15♈39	15°R 7	29♒ 8	8°R42	5♉31	4°R22	3♉12	1♎43	n.a.	T 1
W 2	6 1 41	1°48'32	8♒44	15°43	12°15	10♊19	15°42	15♉ 5	29°10	8♍41	5°33	4♉13	3° 9	1°50	n.a.	W 2
T 3	6 5 38	2°49'16	22°49	17°16	13°30	10° 0	15°44	15° 2	29°12	8°41	5°34	4° 5	3° 5	1°56	n.a.	T 3
F 4	6 9 34	3°49'58	6♓57	18°50	14°45	9°43	15°47	15° 0	29°14	8°41	5°36	4° 0	3° 2	2° 3	n.a.	F 4
S 5	6 13 31	4°50'38	21° 6	20°25	16° 0	9°26	15°50	14°57	29°16	8°40	5°38	3°57	2°59	2°10	n.a.	S 5
S 6	6 17 27	5°51'15	5♈14	22° 0	17°14	9°10	15°53	14°55	29°19	8°40	5°40	3°D56	2°56	2°16	n.a.	S 6
M 7	6 21 24	6°51'51	19°19	23°37	18°29	8°54	15°56	14°53	29°21	8°39	5°41	3°56	2°53	2°23	n.a.	M 7
T 8	6 25 20	7°52'25	3♉20	25°14	19°44	8°39	15°59	14°51	29°23	8°38	5°43	3°R57	2°50	2°30	n.a.	T 8
W 9	6 29 17	8°52'57	17°17	26°53	20°58	8°25	16° 3	14°49	29°26	8°38	5°45	3°56	2°46	2°36	n.a.	W 9
T 10	6 33 13	9°53'27	1♊ 8	28°32	22°13	8°12	16° 7	14°47	29°28	8°37	5°47	3°53	2°43	2°43	n.a.	T 10
F 11	6 37 10	10°53'56	14°52	0♉12	23°28	8° 0	16°10	14°46	29°31	8°36	5°49	3°47	2°40	2°50	n.a.	F 11
S 12	6 41 7	11°54'22	28°26	1°53	24°42	7°48	16°15	14°44	29°33	8°36	5°50	3°39	2°37	2°56	n.a.	S 12
S 13	6 45 3	12°54'46	11♋48	3°35	25°57	7°37	16°19	14°43	29°36	8°35	5°52	3°28	2°34	3° 3	n.a.	S 13
M14	6 49 0	13°55'09	24°55	5°17	27°12	7°27	16°23	14°41	29°38	8°34	5°54	3°16	2°30	3°10	n.a.	M14
T 15	6 52 56	14°55'29	7♌47	7° 1	28°26	7°18	16°28	14°40	29°41	8°34	5°56	3° 3	2°27	3°16	n.a.	T 15
W16	6 56 53	15°55'48	20°21	8°46	29°41	7° 9	16°33	14°39	29°44	8°33	5°57	2°51	2°24	3°23	n.a.	W16
T 17	7 0 49	16°56'05	2♍40	10°32	0♉56	7° 1	16°38	14°38	29°46	8°32	5°59	2°42	2°21	3°30	n.a.	T 17
F 18	7 4 46	17°56'21	14°45	12°18	2°10	6°54	16°43	14°37	29°49	8°31	6° 1	2°34	2°18	3°36	n.a.	F 18
S 19	7 8 42	18°56'34	26°40	14° 6	3°25	6°48	16°48	14°36	29°52	8°30	6° 3	2°30	2°15	3°43	n.a.	S 19
S 20	7 12 39	19°56'46	8♎29	15°55	4°39	6°43	16°54	14°35	29°55	8°29	6° 5	2°28	2°11	3°50	n.a.	S 20
M21	7 16 36	20°56'56	20°18	17°45	5°54	6°38	17° 0	14°35	29°57	8°28	6° 6	2°D27	2° 8	3°56	n.a.	M21
T 22	7 20 32	21°57'05	2♏11	19°35	7° 9	6°34	17° 6	14°34	0♓ 0	8°27	6° 8	2°R27	2° 5	4° 3	n.a.	T 22
W23	7 24 29	22°57'12	14°15	21°27	8°23	6°31	17°12	14°34	0° 3	8°26	6°10	2°27	2° 2	4°10	n.a.	W23
T 24	7 28 25	23°57'17	26°35	23°20	9°38	6°29	17°18	14°34	0° 6	8°25	6°11	2°25	1°59	4°16	n.a.	T 24
F 25	7 32 22	24°57'20	9♐15	25°13	10°52	6°28	17°24	14°34	0° 9	8°24	6°13	2°20	1°56	4°23	n.a.	F 25
S 26	7 36 18	25°57'22	22°18	27° 8	12° 7	6°27	17°31	14°D34	0°12	8°23	6°15	2°13	1°52	4°30	n.a.	S 26
S 27	7 40 15	26°57'21	5♉46	29° 3	13°21	6°D27	17°37	14°34	0°15	8°22	6°17	2° 3	1°49	4°36	n.a.	S 27
M28	7 44 11	27°57'19	19°37	0♒59	14°36	6°27	17°44	14°34	0°18	8°21	6°18	1°51	1°46	4°43	n.a.	M28
T 29	7 48 8	28°57'15	3♒48	2°56	15°50	6°29	17°51	14°34	0°21	8°20	6°20	1°39	1°43	4°50	n.a.	T 29
W30	7 52 5	29°57'08	18°13	4°53	17° 5	6°31	17°58	14°35	0°24	8°18	6°22	1°27	1°40	4°56	n.a.	W30
T 31	7 56 1	0♒56'59	2♓45	6♒50	18♉19	6♊34	18♈ 5	14♉35	0♓27	8♍17	6♉23	1♉17	1♉36	5♎ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s50	26 s27	5 s 1	23 s57	1 s 5	22 s20	0n 8	26n 9	3n47	5n17	1 s 4	15n 3	1 s40	12 s41	0 s46	10n 7	1n48	31 s47	8 s 4	13n11	12n47	1n46		n.a.
W 2	23 49	23 15	5 4	24 13	1 10	22 33	0 5	26 6	3 47	5 18	1 3	15 3	1 39	12 40	0 46	10 7	1 48	31 47	8 4	13 8	12 46	1 43		n.a.
T 3	23 48	18 40	4 49	24 28	1 16	22 45	0 3	26 3	3 47	5 19	1 3	15 2	1 39	12 40	0 46	10 7	1 48	31 47	8 4	13 5	12 45	1 39		n.a.
F 4	23 47	13 3	4 16	24 42	1 21	22 57	0 0	26 0	3 47	5 21	1 3	15 2	1 39	12 39	0 46	10 7	1 48	31 47	8 4	13 4	12 44	1 36		n.a.
S 5	23 45	6 45	3 28	24 55	1 26	23 8	0 s 3	25 58	3 46	5 22	1 3	15 1	1 39	12 38	0 46	10 8	1 48	31 47	8 4	13 3	12 43	1 33		n.a.
S 6	23 42	0 8	2 27	25 6	1 31	23 18	0 5	25 55	3 46	5 24	1 2	15 1	1 38	12 37	0 46	10 8	1 49	31 47	8 4	13 2	12 41	1 29		n.a.
M 7	23 39	6n29	1 17	25 16	1 35	23 27	0 8	25 52	3 46	5 25	1 2	15 1	1 38	12 36	0 46	10 8	1 49	31 47	8 4	13 2	12 40	1 26		n.a.
T 8	23 36	12 47	0 3	25 24	1 39	23 36	0 10	25 49	3 45	5 27	1 2	15 0	1 38	12 35	0 46	10 8	1 49	31 47	8 4	13 3	12 39	1 22		n.a.
W 9	23 32	18 24	1n10	25 31	1 43	23 44	0 13	25 46	3 45	5 28	1 1	15 0	1 38	12 34	0 46	10 9	1 49	31 47	8 5	13 2	12 38	1 19		n.a.
T 10	23 28	23 0	2 19	25 36	1 46	23 51	0 15	25 43	3 44	5 30	1 1	15 0	1 37	12 34	0 46	10 9	1 49	31 47	8 5	13 1	12 37	1 16		n.a.
F 11	23 23	26 16	3 19	25 40	1 50	23 58	0 17	25 41	3 43	5 32	1 1	14 59	1 37	12 33	0 46	10 9	1 49	31 47	8 5	12 59	12 36	1 12		n.a.
S 12	23 18	27 57	4 7	25 42	1 52	24 4	0 20	25 38	3 43	5 34	1 0	14 59	1 37	12 32	0 46	10 10	1 49	31 47	8 5	12 56	12 35	1 9		n.a.
S 13	23 12	27 58	4 41	25 42	1 55	24 9	0 22	25 35	3 42	5 36	1 0	14 59	1 37	12 31	0 46	10 10	1 49	31 47	8 5	12 53	12 34	1 5		n.a.
M14	23 6	26 23	4 58	25 40	1 57	24 13	0 25	25 33	3 41	5 38	1 0	14 59	1 36	12 30	0 46	10 10	1 49	31 47	8 5	12 48	12 33	1 2		n.a.
T 15	22 59	23 27	5 0	25 37	1 58	24 17	0 27	25 31	3 40	5 40	1 0	14 59	1 36	12 29	0 46	10 11	1 49	31 47	8 5	12 44	12 32	0 59		n.a.
W16	22 52	19 29	4 48	25 32	2 0	24 20	0 29	25 28	3 40	5 42	0 59	14 59	1 36	12 28	0 46	10 11	1 49	31 47	8 5	12 40	12 30	0 55		n.a.
T 17	22 45	14 45	4 22	25 25	2 0	24 22	0 32	25 26	3 39	5 44	0 59	14 58	1 36	12 27	0 46	10 11	1 49	31 47	8 5	12 36	12 29	0 52		n.a.
F 18	22 37	9 33	3 44	25 16	2 1	24 23	0 34	25 24	3 38	5 47	0 59	14 58	1 35	12 26	0 46	10 12	1 49	31 47	8 5	12 34	12 28	0 48		n.a.
S 19	22 28	4 3	2 58	25 5	2 1	24 24	0 36	25 22	3 37	5 49	0 58	14 58	1 35	12 25	0 46	10 12	1 49	31 47	8 5	12 32	12 27	0 45		n.a.
S 20	22 20	1 s32	2 4	24 52	2 0	24 23	0 38	25 20	3 36	5 51	0 58	14 58	1 35	12 24	0 46	10 13	1 49	31 47	8 6	12 32	12 26	0 42		n.a.
M21	22 10	7 4	1 4	24 36	1 59	24 23	0 40	25 18	3 35	5 54	0 58	14 59	1 35	12 23	0 45	10 13	1 49	31 47	8 6	12 31	12 25	0 38		n.a.
T 22	22 1	12 25	0 1	24 19	1 58	24 21	0 43	25 16	3 33	5 56	0 57	14 59	1 34	12 22	0 45	10 13	1 49	31 47	8 6	12 31	12 24	0 35		n.a.
W23	21 51	17 22	1 s 2	24 0	1 56	24 19	0 45	25 15	3 32	5 59	0 57	14 59	1 34	12 21	0 45	10 14	1 50	31 47	8 6	12 31	12 23	0 31		n.a.
T 24	21 40	21 43	2 4	23 38	1 53	24 15	0 47	25 13	3 31	6 2	0 57	14 59	1 34	12 20	0 45	10 14	1 50	31 47	8 6	12 31	12 22	0 28		n.a.
F 25	21 30	25 12	3 2	23 15	1 50	24 11	0 49	25 12	3 30	6 4	0 57	14 59	1 34	12 19	0 45	10 15	1 50	31 47	8 6	12 29	12 20	0 25		n.a.
S 26	21 18	27 27	3 51	22 49	1 46	24 7	0 51	25 10	3 29	6 7	0 56	14 59	1 33	12 18	0 45	10 15	1 50	31 47	8 6	12 27	12 19	0 21		n.a.
S 27	21 7	28 12	4 30	22 21	1 42	24 1	0 53	25 9	3 28	6 10	0 56	15 0	1 33	12 16	0 45	10 16	1 50	31 47	8 6	12 23	12 18	0 18		n.a.
M28	20 55	27 13	4 53	21 51	1 37	23 55	0 54	25 8	3 27	6 13	0 56	15 0	1 33	12 15	0 45	10 16	1 50	31 47	8 7	12 19	12 17	0 14		n.a.
T 29	20 43	24 28	5 0	21 18	1 31	23 49	0 56	25 7	3 25	6 16	0 56	15 0	1 32	12 14	0 45	10 17	1 50	31 47	8 7	12 15	12 16	0 11		n.a.
W30	20 30	20 10	4 48	20 44	1 25	23 41	0 58	25 6	3 24	6 19	0 55	15 1	1 32	12 13	0 45	10 17	1 50	31 47	8 7	12 10	12 15	0 8		n.a.
T 31	20 s17	14 s38	4 s17	20 s 8	1 s18	23 s33	1 s 0	25n 6	3n23	6n22	0 s55	15n 1	1 s32	12 s12	0 s45	10n18	1n50	31 s47	8 s 7	12n 7	12n14	0n 4		n.a.

Julian Day Number = 1290793.5, Delta T = 07h59m24s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'56, Lahiri = -20°13'56 Julian Calendar 1 Jan. 1179 BCE == Greg. Calendar 21 Dec. 1180 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

FEBRUARY 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 59 58	1♒56'48	17♓19	8♒48	19♑34	6♊38	18♈13	14♉36	0♓30	8°R16	6♑25	1°R 9	1♉33	5♎10	n.a.	F 1
S 2	8 3 54	2°56'34	1♈47	10°46	20°48	6°42	18°20	14°37	0°33	8♍15	6°27	1♉ 5	1°30	5°16	n.a.	S 2
S 3	8 7 51	3°56'18	16° 6	12°44	22° 3	6°47	18°28	14°38	0°36	8°14	6°28	1° 3	1°27	5°23	n.a.	S 3
M 4	8 11 47	4°56'00	0♉13	14°41	23°17	6°53	18°36	14°39	0°39	8°12	6°30	1° 3	1°24	5°30	n.a.	M 4
T 5	8 15 44	5°55'39	14° 8	16°37	24°32	6°59	18°44	14°40	0°43	8°11	6°31	1° 2	1°21	5°36	n.a.	T 5
W 6	8 19 40	6°55'16	27°52	18°32	25°46	7° 6	18°52	14°41	0°46	8°10	6°33	1° 1	1°17	5°43	n.a.	W 6
T 7	8 23 37	7°54'50	11♊23	20°25	27° 0	7°13	19° 0	14°42	0°49	8° 8	6°35	0°58	1°14	5°50	n.a.	T 7
F 8	8 27 33	8°54'22	24°44	22°17	28°15	7°21	19° 9	14°44	0°52	8° 7	6°36	0°52	1°11	5°56	n.a.	F 8
S 9	8 31 30	9°53'52	7♋55	24° 6	29°29	7°30	19°17	14°45	0°55	8° 6	6°38	0°43	1° 8	6° 3	n.a.	S 9
S 10	8 35 27	10°53'19	20°53	25°52	0♒44	7°40	19°26	14°47	0°59	8° 4	6°39	0°31	1° 5	6°10	n.a.	S 10
M11	8 39 23	11°52'44	3♌41	27°36	1°58	7°50	19°35	14°49	1° 2	8° 3	6°41	0°18	1° 2	6°16	n.a.	M11
T 12	8 43 20	12°52'07	16°16	29°15	3°12	8° 0	19°44	14°51	1° 5	8° 1	6°42	0° 5	0°58	6°23	n.a.	T 12
W13	8 47 16	13°51'27	28°38	0♓50	4°27	8°11	19°53	14°53	1° 9	8° 0	6°44	29♈53	0°55	6°30	n.a.	W13
T 14	8 51 13	14°50'45	10♍49	2°21	5°41	8°23	20° 2	14°55	1°12	7°58	6°45	29°42	0°52	6°36	n.a.	T 14
F 15	8 55 9	15°50'02	22°49	3°46	6°55	8°35	20°11	14°57	1°15	7°57	6°47	29°34	0°49	6°43	n.a.	F 15
S 16	8 59 6	16°49'16	4♎42	5° 6	8° 9	8°48	20°20	14°59	1°18	7°55	6°48	29°28	0°46	6°50	n.a.	S 16
S 17	9 3 2	17°48'28	16°30	6°20	9°24	9° 1	20°30	15° 2	1°22	7°54	6°50	29°26	0°42	6°56	n.a.	S 17
M18	9 6 59	18°47'38	28°18	7°29	10°38	9°14	20°39	15° 4	1°25	7°52	6°51	29°D25	0°39	7° 3	n.a.	M18
T 19	9 10 55	19°46'46	10♏10	8°31	11°52	9°29	20°49	15° 7	1°28	7°51	6°52	29°25	0°36	7°10	n.a.	T 19
W20	9 14 52	20°45'53	22°13	9°26	13° 7	9°43	20°59	15°10	1°32	7°49	6°54	29°R25	0°33	7°16	n.a.	W20
T 21	9 18 49	21°44'57	4♐32	10°15	14°21	9°58	21° 9	15°12	1°35	7°48	6°55	29°25	0°30	7°23	n.a.	T 21
F 22	9 22 45	22°44'00	17°11	10°56	15°35	10°14	21°19	15°15	1°39	7°46	6°57	29°22	0°27	7°30	n.a.	F 22
S 23	9 26 42	23°43'01	0♑14	11°31	16°49	10°30	21°29	15°18	1°42	7°45	6°58	29°17	0°23	7°36	n.a.	S 23
S 24	9 30 38	24°42'00	13°46	11°59	18° 3	10°46	21°39	15°22	1°45	7°43	6°59	29°10	0°20	7°43	n.a.	S 24
M25	9 34 35	25°40'57	27°45	12°19	19°18	11° 3	21°50	15°25	1°49	7°41	7° 0	29° 0	0°17	7°50	n.a.	M25
T 26	9 38 31	26°39'52	12♒ 8	12°32	20°32	11°21	22° 0	15°28	1°52	7°40	7° 2	28°51	0°14	7°56	n.a.	T 26
W27	9 42 28	27°38'44	26°52	12°R39	21°46	11°38	22°11	15°32	1°56	7°38	7° 3	28°41	0°11	8° 3	n.a.	W27
T 28	9 46 24	28♒37'35	11♓46	12♓38	23♒ 0	11♊57	22♈21	15♉35	1♓59	7♍37	7♑ 4	28♈33	0♉ 8	8♎10	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 3	8s17	3s29	19s30	1s11	23s24	1s 1	25n 5	3n22	6n25	0s55	15n 2	1s32	12s11	0s45	10n18	1n50	31s47	8s 7	12n 4	12n13	0n 1		n.a.
S 2	19 50	1 32	2 28	18 49	1 3	23 14	1 3	25 5	3 20	6 28	0 55	15 2	1 31	12 10	0 45	10 19	1 50	31 47	8 7	12 3	12 11	0s 3		n.a.
S 3	19 35	5n14	1 18	18 8	0 54	23 4	1 5	25 4	3 19	6 31	0 54	15 3	1 31	12 9	0 45	10 19	1 50	31 47	8 7	12 2	12 10	0 6		n.a.
M 4	19 21	11 40	0 4	17 24	0 44	22 53	1 6	25 4	3 18	6 35	0 54	15 3	1 31	12 8	0 45	10 20	1 50	31 47	8 8	12 2	12 9	0 9		n.a.
T 5	19 6	17 26	1n 9	16 40	0 34	22 41	1 8	25 4	3 17	6 38	0 54	15 4	1 31	12 6	0 45	10 20	1 50	31 48	8 8	12 2	12 8	0 13		n.a.
W 6	18 51	22 14	2 17	15 54	0 24	22 28	1 9	25 4	3 15	6 41	0 53	15 4	1 30	12 5	0 45	10 21	1 50	31 48	8 8	12 1	12 7	0 16		n.a.
T 7	18 36	25 45	3 16	15 7	0 13	22 15	1 10	25 4	3 14	6 45	0 53	15 5	1 30	12 4	0 45	10 21	1 50	31 48	8 8	12 0	12 6	0 20		n.a.
F 8	18 20	27 47	4 3	14 20	0 1	22 1	1 12	25 4	3 13	6 48	0 53	15 6	1 30	12 3	0 45	10 22	1 50	31 48	8 8	11 58	12 5	0 23		n.a.
S 9	18 4	28 13	4 37	13 32	0n11	21 47	1 13	25 4	3 11	6 52	0 53	15 6	1 30	12 2	0 45	10 22	1 50	31 48	8 8	11 55	12 4	0 26		n.a.
S 10	17 47	27 3	4 56	12 44	0 24	21 32	1 14	25 4	3 10	6 55	0 53	15 7	1 29	12 0	0 45	10 23	1 50	31 48	8 9	11 51	12 2	0 30		n.a.
M11	17 31	24 30	5 0	11 56	0 36	21 16	1 15	25 5	3 9	6 59	0 52	15 8	1 29	11 59	0 45	10 24	1 50	31 48	8 9	11 46	12 1	0 33		n.a.
T 12	17 14	20 48	4 49	11 9	0 49	21 0	1 16	25 5	3 7	7 2	0 52	15 9	1 29	11 58	0 45	10 24	1 50	31 48	8 9	11 41	12 0	0 37		n.a.
W13	16 57	16 15	4 24	10 23	1 3	20 43	1 17	25 6	3 6	7 6	0 52	15 9	1 29	11 57	0 45	10 25	1 50	31 48	8 9	11 37	11 59	0 40		n.a.
T 14	16 39	11 8	3 47	9 38	1 16	20 26	1 18	25 7	3 5	7 10	0 52	15 10	1 28	11 56	0 45	10 25	1 50	31 48	8 9	11 33	11 58	0 43		n.a.
F 15	16 21	5 40	3 1	8 55	1 29	20 8	1 19	25 7	3 4	7 14	0 51	15 11	1 28	11 54	0 45	10 26	1 51	31 49	8 10	11 30	11 57	0 47		n.a.
S 16	16 3	0 3	2 7	8 13	1 42	19 49	1 20	25 8	3 2	7 17	0 51	15 12	1 28	11 53	0 45	10 26	1 51	31 49	8 10	11 28	11 56	0 50		n.a.
S 17	15 45	5s33	1 8	7 34	1 55	19 30	1 21	25 9	3 1	7 21	0 51	15 13	1 28	11 52	0 45	10 27	1 51	31 49	8 10	11 27	11 55	0 54		n.a.
M18	15 26	10 57	0 6	6 56	2 7	19 10	1 21	25 10	3 0	7 25	0 51	15 14	1 27	11 51	0 45	10 28	1 51	31 49	8 10	11 27	11 53	0 57		n.a.
T 19	15 8	16 1	0s57	6 22	2 19	18 50	1 22	25 11	2 59	7 29	0 50	15 15	1 27	11 50	0 45	10 28	1 51	31 49	8 10	11 27	11 52	1 0		n.a.
W20	14 49	20 32	1 58	5 50	2 31	18 29	1 23	25 12	2 57	7 33	0 50	15 16	1 27	11 48	0 45	10 29	1 51	31 49	8 11	11 27	11 51	1 4		n.a.
T 21	14 29	24 16	2 56	5 22	2 42	18 7	1 23	25 13	2 56	7 37	0 50	15 17	1 27	11 47	0 45	10 30	1 51	31 49	8 11	11 27	11 50	1 7		n.a.
F 22	14 10	26 57	3 46	4 57	2 52	17 46	1 24	25 14	2 55	7 41	0 50	15 18	1 26	11 46	0 45	10 30	1 51	31 49	8 11	11 26	11 49	1 11		n.a.
S 23	13 50	28 16	4 26	4 35	3 1	17 23	1 24	25 15	2 54	7 45	0 50	15 19	1 26	11 45	0 45	10 31	1 51	31 50	8 11	11 24	11 48	1 14		n.a.
S 24	13 30	27 58	4 53	4 17	3 9	17 1	1 24	25 16	2 52	7 49	0 49	15 21	1 26	11 43	0 45	10 31	1 51	31 50	8 11	11 21	11 47	1 18		n.a.
M25	13 10	25 55	5 4	4 2	3 16	16 37	1 25	25 18	2 51	7 53	0 49	15 22	1 26	11 42	0 45	10 32	1 51	31 50	8 12	11 18	11 46	1 21		n.a.
T 26	12 50	22 9	4 56	3 51	3 22	16 14	1 25	25 19	2 50	7 57	0 49	15 23	1 25	11 41	0 45	10 33	1 51	31 50	8 12	11 15	11 44	1 24		n.a.
W27	12 29	16 57	4 28	3 45	3 27	15 49	1 25	25 20	2 49	8 1	0 49	15 24	1 25	11 40	0 45	10 33	1 51	31 50	8 12	11 11	11 43	1 28		n.a.
T 28	12s 9	10s41	3s42	3s42	3n31	15s25	1s25	25n22	2n47	8n 6	0s48	15n26	1s25	11s38	0s45	10n34	1n51	31s50	8s12	11n 8	11n42	1s31		n.a.

Julian Day Number = 1290824.5, Delta T = 07h59m23s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'52, Lahiri = -20°13'52 Julian Calendar 1 Feb. 1179 BCE == Greg. Calendar 21 Jan. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

MARCH 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 50 21	29♒36'23	26♓44	12°R31	24♒14	12♊15	22♈32	15♉39	2♓ 2	7°R35	7♑ 5	28°R27	0♉ 4	8♎16	n.a.	F 1
S 2	9 54 18	0♓35'09	11♈35	12♓18	25°29	12°34	22°43	15°42	2° 6	7♍33	7° 7	28♈23	0° 1	8°23	n.a.	S 2
S 3	9 58 14	1°33'53	26°13	11°59	26°43	12°53	22°54	15°46	2° 9	7°32	7° 8	28°D22	29♈58	8°30	n.a.	S 3
M 4	10 2 11	2°32'34	10♉35	11°34	27°57	13°13	23° 5	15°50	2°13	7°30	7° 9	28°23	29°55	8°36	n.a.	M 4
T 5	10 6 7	3°31'13	24°37	11° 4	29°11	13°33	23°16	15°54	2°16	7°28	7°10	28°23	29°52	8°43	n.a.	T 5
W 6	10 10 4	4°29'50	8♊20	10°30	0♓25	13°54	23°27	15°58	2°20	7°27	7°11	28°R24	29°48	8°49	n.a.	W 6
T 7	10 14 0	5°28'24	21°45	9°53	1°39	14°14	23°38	16° 2	2°23	7°25	7°12	28°22	29°45	8°56	n.a.	T 7
F 8	10 17 57	6°26'56	4♋53	9°13	2°53	14°35	23°50	16° 7	2°26	7°24	7°13	28°19	29°42	9° 3	n.a.	F 8
S 9	10 21 53	7°25'26	17°47	8°31	4° 7	14°57	24° 1	16°11	2°30	7°22	7°14	28°13	29°39	9° 9	n.a.	S 9
S 10	10 25 50	8°23'53	0♌27	7°47	5°21	15°19	24°13	16°15	2°33	7°20	7°15	28° 6	29°36	9°16	n.a.	S 10
M11	10 29 46	9°22'19	12°56	7° 4	6°35	15°41	24°24	16°20	2°37	7°19	7°16	27°57	29°33	9°23	n.a.	M11
T 12	10 33 43	10°20'42	25°15	6°21	7°49	16° 3	24°36	16°25	2°40	7°17	7°17	27°48	29°29	9°29	n.a.	T 12
W13	10 37 40	11°19'03	7♍24	5°38	9° 3	16°26	24°48	16°29	2°43	7°15	7°18	27°40	29°26	9°36	n.a.	W13
T 14	10 41 36	12°17'21	19°24	4°58	10°17	16°49	24°59	16°34	2°47	7°14	7°19	27°33	29°23	9°43	n.a.	T 14
F 15	10 45 33	13°15'38	1♎18	4°21	11°31	17°12	25°11	16°39	2°50	7°12	7°20	27°28	29°20	9°49	n.a.	F 15
S 16	10 49 29	14°13'53	13° 8	3°46	12°45	17°36	25°23	16°44	2°53	7°10	7°21	27°24	29°17	9°56	n.a.	S 16
S 17	10 53 26	15°12'07	24°55	3°16	13°59	17°59	25°35	16°49	2°57	7° 9	7°22	27°D23	29°13	10° 3	n.a.	S 17
M18	10 57 22	16°10'18	6♏43	2°49	15°13	18°24	25°47	16°54	3° 0	7° 7	7°23	27°24	29°10	10° 9	n.a.	M18
T 19	11 1 19	17° 8'28	18°37	2°26	16°27	18°48	25°59	16°59	3° 4	7° 6	7°24	27°25	29° 7	10°16	n.a.	T 19
W20	11 5 15	18° 6'37	0♐40	2° 9	17°41	19°13	26°12	17° 4	3° 7	7° 4	7°24	27°27	29° 4	10°23	n.a.	W20
T 21	11 9 12	19° 4'43	12°58	1°56	18°55	19°37	26°24	17°10	3°10	7° 2	7°25	27°28	29° 1	10°29	n.a.	T 21
F 22	11 13 9	20° 2'49	25°35	1°47	20° 9	20° 3	26°36	17°15	3°13	7° 1	7°26	27°R28	28°58	10°36	n.a.	F 22
S 23	11 17 5	21° 0'52	8♑35	1°D44	21°23	20°28	26°49	17°21	3°17	6°59	7°27	27°26	28°54	10°43	n.a.	S 23
S 24	11 21 2	21°58'55	22° 2	1°46	22°37	20°54	27° 1	17°26	3°20	6°58	7°27	27°23	28°51	10°49	n.a.	S 24
M25	11 24 58	22°56'55	5♒58	1°52	23°51	21°19	27°14	17°32	3°23	6°56	7°28	27°19	28°48	10°56	n.a.	M25
T 26	11 28 55	23°54'54	20°20	2° 3	25° 5	21°46	27°26	17°37	3°27	6°55	7°29	27°14	28°45	11° 3	n.a.	T 26
W27	11 32 51	24°52'52	5♓ 7	2°19	26°19	22°12	27°39	17°43	3°30	6°53	7°29	27°10	28°42	11° 9	n.a.	W27
T 28	11 36 48	25°50'48	20° 9	2°40	27°32	22°38	27°51	17°49	3°33	6°51	7°30	27° 6	28°39	11°16	n.a.	T 28
F 29	11 40 44	26°48'42	5♈19	3° 4	28°46	23° 5	28° 4	17°55	3°36	6°50	7°30	27° 3	28°35	11°23	n.a.	F 29
S 30	11 44 41	27°46'34	20°27	3°33	0♈ 0	23°32	28°17	18° 1	3°39	6°48	7°31	27°D 1	28°32	11°29	n.a.	S 30
S 31	11 48 37	28♓44'25	5♉24	4♓ 6	1♈14	23♊59	28♈30	18♉ 7	3♓43	6♍47	7♑31	27♈ 2	28♈29	11♎36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s48	3s46	2s41	3s42	3n33	15s 0	1s25	25n23	2n46	8n10	0s48	15n27	1s25	11s37	0s45	10n35	1n51	31s50	8s13	11n 6	11n41	1s35		n.a.
S 2	11 27	3n18	1 29	3 47	3 33	14 34	1 25	25 24	2 45	8 14	0 48	15 28	1 25	11 36	0 45	10 35	1 51	31 51	8 13	11 5	11 40	1 38		n.a.
S 3	11 6	10 6	0 12	3 55	3 32	14 9	1 25	25 26	2 44	8 18	0 48	15 29	1 24	11 35	0 45	10 36	1 51	31 51	8 13	11 4	11 39	1 41		n.a.
M 4	10 44	16 16	1n 5	4 7	3 29	13 43	1 25	25 27	2 43	8 23	0 48	15 31	1 24	11 33	0 45	10 36	1 51	31 51	8 13	11 4	11 38	1 45		n.a.
T 5	10 23	21 26	2 16	4 23	3 25	13 16	1 25	25 28	2 41	8 27	0 47	15 32	1 24	11 32	0 45	10 37	1 51	31 51	8 14	11 5	11 36	1 48		n.a.
W 6	10 1	25 19	3 18	4 41	3 19	12 49	1 24	25 30	2 40	8 32	0 47	15 34	1 24	11 31	0 45	10 38	1 51	31 51	8 14	11 5	11 35	1 52		n.a.
T 7	9 39	27 41	4 7	5 2	3 12	12 22	1 24	25 31	2 39	8 36	0 47	15 35	1 23	11 30	0 45	10 38	1 51	31 52	8 14	11 4	11 34	1 55		n.a.
F 8	9 18	28 26	4 42	5 25	3 3	11 55	1 24	25 33	2 38	8 40	0 47	15 36	1 23	11 28	0 45	10 39	1 51	31 52	8 14	11 3	11 33	1 59		n.a.
S 9	8 56	27 37	5 2	5 51	2 53	11 27	1 23	25 34	2 37	8 45	0 47	15 38	1 23	11 27	0 45	10 40	1 51	31 52	8 15	11 1	11 32	2 2		n.a.
S 10	8 33	25 22	5 6	6 18	2 41	10 59	1 23	25 35	2 36	8 49	0 46	15 39	1 23	11 26	0 45	10 40	1 51	31 52	8 15	10 58	11 31	2 5		n.a.
M11	8 11	21 56	4 56	6 46	2 29	10 30	1 22	25 37	2 34	8 54	0 46	15 41	1 22	11 25	0 45	10 41	1 51	31 52	8 15	10 55	11 30	2 9		n.a.
T 12	7 49	17 35	4 33	7 15	2 15	10 2	1 21	25 38	2 33	8 58	0 46	15 43	1 22	11 24	0 45	10 41	1 51	31 52	8 15	10 52	11 29	2 12		n.a.
W13	7 26	12 35	3 57	7 44	2 0	9 33	1 21	25 39	2 32	9 3	0 46	15 44	1 22	11 22	0 45	10 42	1 51	31 53	8 16	10 49	11 27	2 16		n.a.
T 14	7 4	7 11	3 11	8 13	1 45	9 4	1 20	25 41	2 31	9 7	0 46	15 46	1 22	11 21	0 45	10 43	1 51	31 53	8 16	10 46	11 26	2 19		n.a.
F 15	6 41	1 33	2 17	8 42	1 29	8 34	1 19	25 42	2 30	9 12	0 46	15 47	1 22	11 20	0 45	10 43	1 51	31 53	8 16	10 44	11 25	2 22		n.a.
S 16	6 18	4s 6	1 17	9 9	1 13	8 5	1 18	25 43	2 29	9 17	0 45	15 49	1 21	11 19	0 45	10 44	1 51	31 53	8 16	10 43	11 24	2 26		n.a.
S 17	5 55	9 36	0 13	9 36	0 57	7 35	1 17	25 44	2 28	9 21	0 45	15 51	1 21	11 17	0 45	10 45	1 51	31 54	8 17	10 43	11 23	2 29		n.a.
M18	5 33	14 47	0s51	10 1	0 41	7 5	1 16	25 45	2 27	9 26	0 45	15 52	1 21	11 16	0 45	10 45	1 51	31 54	8 17	10 43	11 22	2 33		n.a.
T 19	5 10	19 28	1 53	10 24	0 25	6 35	1 15	25 46	2 26	9 30	0 45	15 54	1 21	11 15	0 45	10 46	1 51	31 54	8 17	10 43	11 21	2 36		n.a.
W20	4 47	23 25	2 51	10 45	0 9	6 5	1 14	25 47	2 25	9 35	0 45	15 56	1 21	11 14	0 45	10 46	1 51	31 54	8 17	10 44	11 19	2 40		n.a.
T 21	4 23	26 25	3 43	11 4	0s 7	5 34	1 13	25 48	2 23	9 40	0 45	15 57	1 20	11 12	0 45	10 47	1 51	31 54	8 18	10 44	11 18	2 43		n.a.
F 22	4 0	28 11	4 25	11 21	0 22	5 3	1 12	25 49	2 22	9 44	0 44	15 59	1 20	11 11	0 45	10 48	1 51	31 55	8 18	10 44	11 17	2 46		n.a.
S 23	3 37	28 28	4 55	11 36	0 37	4 33	1 10	25 50	2 21	9 49	0 44	16 1	1 20	11 10	0 45	10 48	1 51	31 55	8 18	10 44	11 16	2 50		n.a.
S 24	3 14	27 6	5 11	11 48	0 50	4 2	1 9	25 51	2 20	9 54	0 44	16 3	1 20	11 9	0 45	10 49	1 51	31 55	8 19	10 43	11 15	2 53		n.a.
M25	2 51	24 4	5 8	11 58	1 4	3 31	1 8	25 52	2 19	9 58	0 44	16 4	1 20	11 8	0 45	10 49	1 51	31 55	8 19	10 41	11 14	2 57		n.a.
T 26	2 27	19 28	4 47	12 6	1 16	3 0	1 6	25 53	2 18	10 3	0 44	16 6	1 19	11 6	0 45	10 50	1 51	31 56	8 19	10 40	11 12	3 0		n.a.
W27	2 4	13 36	4 7	12 11	1 28	2 29	1 5	25 53	2 17	10 8	0 44	16 8	1 19	11 5	0 45	10 50	1 51	31 56	8 19	10 38	11 11	3 3		n.a.
T 28	1 41	6 50	3 8	12 14	1 39	1 57	1 3	25 54	2 16	10 13	0 43	16 10	1 19	11 4	0 45	10 51	1 51	31 56	8 20	10 36	11 10	3 7		n.a.
F 29	1 17	0n23	1 56	12 15	1 50	1 26	1 2	25 54	2 15	10 17	0 43	16 12	1 19	11 3	0 45	10 52	1 51	31 56	8 20	10 35	11 9	3 10		n.a.
S 30	0 54	7 34	0 36	12 13	1 59	0 55	1 0	25 55	2 14	10 22	0 43	16 13	1 19	11 2	0 45	10 52	1 51	31 57	8 20	10 35	11 8	3 14		n.a.
S 31	0s31	14n15	0n46	12s 9	2s 8	0s23	0s58	25n55	2n13	10n27	0s43	16n15	1s18	11s 1	0s45	10n53	1n51	31s57	8s21	10n35	11n 7	3s17		n.a.

Julian Day Number = 1290852.5, Delta T = 07h59m21s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'48, Lahiri = -20°13'48 Julian Calendar 1 March 1179 BCE == Greg. Calendar 18 Feb. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

APRIL 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 52 34	29♓42'14	20♉ 2	4♓43	2♈28	24♊27	28♈43	18♉13	3♓46	6°R45	7♑32	27♈ 3	28♈26	11♎42	n.a.	M 1
T 2	11 56 31	0♈40'01	4♊18	5°24	3°42	24°55	28°56	18°19	3°49	6♍44	7°32	27° 4	28°23	11°49	n.a.	T 2
W 3	12 0 27	1°37'47	18°10	6° 9	4°55	25°22	29° 9	18°25	3°52	6°43	7°33	27° 5	28°19	11°56	n.a.	W 3
T 4	12 4 24	2°35'30	1♋38	6°57	6° 9	25°50	29°22	18°31	3°55	6°41	7°33	27°R 6	28°16	12° 2	n.a.	T 4
F 5	12 8 20	3°33'12	14°44	7°49	7°23	26°19	29°35	18°38	3°58	6°40	7°34	27° 5	28°13	12° 9	n.a.	F 5
S 6	12 12 17	4°30'52	27°31	8°44	8°37	26°47	29°48	18°44	4° 1	6°38	7°34	27° 4	28°10	12°16	n.a.	S 6
S 7	12 16 13	5°28'30	10♌ 1	9°42	9°51	27°16	0♉ 1	18°50	4° 4	6°37	7°34	27° 1	28° 7	12°22	n.a.	S 7
M 8	12 20 10	6°26'07	22°18	10°43	11° 4	27°44	0°14	18°57	4° 7	6°35	7°35	26°58	28° 4	12°29	n.a.	M 8
T 9	12 24 6	7°23'41	4♍25	11°47	12°18	28°13	0°27	19° 3	4°10	6°34	7°35	26°55	28° 0	12°36	n.a.	T 9
W10	12 28 3	8°21'15	16°23	12°54	13°32	28°42	0°40	19°10	4°13	6°33	7°35	26°52	27°57	12°42	n.a.	W10
T 11	12 32 0	9°18'47	28°16	14° 4	14°45	29°12	0°54	19°17	4°16	6°31	7°35	26°50	27°54	12°49	n.a.	T 11
F 12	12 35 56	10°16'17	10♎ 5	15°16	15°59	29°41	1° 7	19°23	4°19	6°30	7°36	26°48	27°51	12°56	n.a.	F 12
S 13	12 39 53	11°13'46	21°53	16°31	17°13	0♋11	1°20	19°30	4°22	6°29	7°36	26°D48	27°48	13° 2	n.a.	S 13
S 14	12 43 49	12°11'14	3♏42	17°49	18°27	0°41	1°34	19°37	4°25	6°28	7°36	26°48	27°45	13° 9	n.a.	S 14
M15	12 47 46	13° 8'41	15°34	19°10	19°40	1°10	1°47	19°44	4°28	6°26	7°36	26°48	27°41	13°16	n.a.	M15
T 16	12 51 42	14° 6'07	27°33	20°33	20°54	1°41	2° 0	19°51	4°31	6°25	7°36	26°49	27°38	13°22	n.a.	T 16
W17	12 55 39	15° 3'32	9♐41	21°58	22° 8	2°11	2°14	19°57	4°33	6°24	7°36	26°51	27°35	13°29	n.a.	W17
T 18	12 59 35	16° 0'56	22° 2	23°27	23°21	2°41	2°27	20° 4	4°36	6°23	7°36	26°52	27°32	13°36	n.a.	T 18
F 19	13 3 32	16°58'19	4♑40	24°57	24°35	3°12	2°41	20°11	4°39	6°22	7°36	26°52	27°29	13°42	n.a.	F 19
S 20	13 7 29	17°55'41	17°38	26°30	25°48	3°42	2°54	20°19	4°42	6°20	7°R36	26°R52	27°25	13°49	n.a.	S 20
S 21	13 11 25	18°53'02	1♒ 0	28° 5	27° 2	4°13	3° 8	20°26	4°44	6°19	7°36	26°52	27°22	13°55	n.a.	S 21
M22	13 15 22	19°50'23	14°47	29°43	28°16	4°44	3°21	20°33	4°47	6°18	7°36	26°52	27°19	14° 2	n.a.	M22
T 23	13 19 18	20°47'43	29° 0	1♈23	29°29	5°15	3°35	20°40	4°50	6°17	7°36	26°51	27°16	14° 9	n.a.	T 23
W24	13 23 15	21°45'02	13♓36	3° 6	0♉43	5°47	3°49	20°47	4°52	6°16	7°36	26°51	27°13	14°15	n.a.	W24
T 25	13 27 11	22°42'20	28°31	4°51	1°57	6°18	4° 2	20°54	4°55	6°15	7°36	26°50	27°10	14°22	n.a.	T 25
F 26	13 31 8	23°39'38	13♈38	6°38	3°10	6°50	4°16	21° 2	4°57	6°14	7°36	26°50	27° 6	14°29	n.a.	F 26
S 27	13 35 4	24°36'55	28°48	8°28	4°24	7°21	4°29	21° 9	5° 0	6°13	7°36	26°D50	27° 3	14°35	n.a.	S 27
S 28	13 39 1	25°34'11	13♉52	10°20	5°37	7°53	4°43	21°16	5° 2	6°12	7°35	26°50	27° 0	14°42	n.a.	S 28
M29	13 42 58	26°31'26	28°42	12°15	6°51	8°25	4°57	21°24	5° 5	6°11	7°35	26°R50	26°57	14°49	n.a.	M29
T 30	13 46 54	27♈28'40	13♊ 9	14♈11	8♉ 4	8♋57	5♉10	21♉31	5♓ 7	6♍10	7♑35	26♈50	26♈54	14♎55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 7	20n 1	2n 3	12s 3	2s16	0n 8	0s56	25n55	2n12	10n32	0s43	16n17	1s18	10s59	0s45	10n53	1n51	31s57	8s21	10n35	11n 6	3s20		n.a.
T 2	0n16	24 29	3 11	11 54	2 23	0 39	0 55	25 55	2 11	10 37	0 43	16 19	1 18	10 58	0 45	10 54	1 51	31 57	8 21	10 36	11 4	3 24		n.a.
W 3	0 40	27 22	4 5	11 43	2 30	1 11	0 53	25 55	2 10	10 41	0 43	16 21	1 18	10 57	0 45	10 54	1 51	31 58	8 21	10 36	11 3	3 27		n.a.
T 4	1 3	28 34	4 44	11 30	2 36	1 42	0 51	25 55	2 9	10 46	0 42	16 23	1 18	10 56	0 45	10 55	1 51	31 58	8 22	10 36	11 2	3 31		n.a.
F 5	1 26	28 6	5 7	11 15	2 41	2 14	0 49	25 55	2 8	10 51	0 42	16 25	1 18	10 55	0 45	10 55	1 51	31 58	8 22	10 36	11 1	3 34		n.a.
S 6	1 49	26 8	5 15	10 58	2 45	2 45	0 47	25 55	2 7	10 56	0 42	16 27	1 17	10 54	0 45	10 56	1 51	31 58	8 22	10 36	11 0	3 38		n.a.
S 7	2 13	22 56	5 7	10 39	2 49	3 16	0 45	25 55	2 6	11 1	0 42	16 29	1 17	10 53	0 45	10 56	1 51	31 59	8 23	10 35	10 59	3 41		n.a.
M 8	2 36	18 47	4 45	10 18	2 51	3 47	0 43	25 54	2 5	11 5	0 42	16 31	1 17	10 52	0 45	10 57	1 51	31 59	8 23	10 34	10 58	3 44		n.a.
T 9	2 59	13 55	4 10	9 55	2 53	4 19	0 41	25 54	2 4	11 10	0 42	16 33	1 17	10 51	0 45	10 57	1 51	31 59	8 23	10 33	10 56	3 48		n.a.
W10	3 22	8 36	3 25	9 31	2 55	4 50	0 39	25 53	2 3	11 15	0 42	16 35	1 17	10 49	0 45	10 58	1 51	31 59	8 23	10 32	10 55	3 51		n.a.
T 11	3 45	3 0	2 31	9 4	2 56	5 20	0 37	25 53	2 2	11 20	0 41	16 37	1 17	10 48	0 45	10 58	1 51	32 0	8 24	10 31	10 54	3 55		n.a.
F 12	4 8	2s40	1 31	8 35	2 56	5 51	0 35	25 52	2 2	11 25	0 41	16 39	1 16	10 47	0 45	10 59	1 51	32 0	8 24	10 30	10 53	3 58		n.a.
S 13	4 31	8 15	0 27	8 5	2 55	6 22	0 33	25 51	2 1	11 29	0 41	16 41	1 16	10 46	0 45	10 59	1 51	32 0	8 24	10 30	10 52	4 1		n.a.
S 14	4 54	13 33	0s38	7 33	2 54	6 53	0 31	25 50	2 0	11 34	0 41	16 43	1 16	10 45	0 45	11 0	1 51	32 0	8 25	10 30	10 51	4 5		n.a.
M15	5 16	18 24	1 42	6 59	2 52	7 23	0 28	25 49	1 59	11 39	0 41	16 45	1 16	10 44	0 45	11 0	1 51	32 1	8 25	10 30	10 49	4 8		n.a.
T 16	5 39	22 34	2 42	6 23	2 49	7 53	0 26	25 47	1 58	11 44	0 41	16 47	1 16	10 43	0 45	11 1	1 50	32 1	8 25	10 30	10 48	4 12		n.a.
W17	6 2	25 50	3 36	5 46	2 46	8 23	0 24	25 46	1 57	11 49	0 41	16 49	1 16	10 42	0 45	11 1	1 50	32 1	8 25	10 31	10 47	4 15		n.a.
T 18	6 24	27 56	4 21	5 7	2 42	8 53	0 22	25 45	1 56	11 54	0 40	16 51	1 15	10 41	0 45	11 1	1 50	32 2	8 26	10 31	10 46	4 18		n.a.
F 19	6 46	28 39	4 54	4 27	2 38	9 23	0 19	25 43	1 55	11 58	0 40	16 53	1 15	10 40	0 45	11 2	1 50	32 2	8 26	10 31	10 45	4 22		n.a.
S 20	7 9	27 49	5 13	3 45	2 33	9 52	0 17	25 41	1 54	12 3	0 40	16 55	1 15	10 39	0 46	11 2	1 50	32 2	8 26	10 32	10 44	4 25		n.a.
S 21	7 31	25 24	5 17	3 1	2 27	10 22	0 15	25 39	1 53	12 8	0 40	16 57	1 15	10 38	0 46	11 3	1 50	32 2	8 27	10 32	10 42	4 29		n.a.
M22	7 53	21 28	5 2	2 16	2 21	10 51	0 12	25 37	1 52	12 13	0 40	16 59	1 15	10 37	0 46	11 3	1 50	32 3	8 27	10 31	10 41	4 32		n.a.
T 23	8 15	16 12	4 29	1 29	2 14	11 19	0 10	25 35	1 52	12 18	0 40	17 1	1 15	10 36	0 46	11 3	1 50	32 3	8 27	10 31	10 40	4 36		n.a.
W24	8 37	9 54	3 38	0 41	2 7	11 48	0 7	25 33	1 51	12 22	0 40	17 3	1 15	10 35	0 46	11 4	1 50	32 3	8 27	10 31	10 39	4 39		n.a.
T 25	8 58	2 54	2 31	0n 8	2 0	12 16	0 5	25 31	1 50	12 27	0 40	17 5	1 14	10 34	0 46	11 4	1 50	32 4	8 28	10 31	10 38	4 42		n.a.
F 26	9 20	4n21	1 13	0 59	1 51	12 44	0 3	25 28	1 49	12 32	0 40	17 7	1 14	10 33	0 46	11 4	1 50	32 4	8 28	10 31	10 37	4 46		n.a.
S 27	9 41	11 24	0n11	1 51	1 43	13 12	0 0	25 26	1 48	12 37	0 39	17 9	1 14	10 33	0 46	11 5	1 50	32 4	8 28	10 31	10 36	4 49		n.a.
S 28	10 3	17 45	1 33	2 44	1 34	13 39	0n 2	25 23	1 47	12 41	0 39	17 11	1 14	10 32	0 46	11 5	1 50	32 5	8 29	10 31	10 34	4 53		n.a.
M29	10 24	22 56	2 48	3 38	1 24	14 6	0 5	25 20	1 46	12 46	0 39	17 13	1 14	10 31	0 46	11 5	1 50	32 5	8 29	10 31	10 33	4 56		n.a.
T 30	10n45	26n33	3n50	4n32	1s15	14n33	0n 7	25n17	1n45	12n51	0s39	17n15	1s14	10s30	0s46	11n 6	1n50	32s 5	8s29	10n31	10n32	4s59		n.a.

Julian Day Number = 1290883.5, Delta T = 07h59m19s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'44, Lahiri = -20°13'44 Julian Calendar 1 Apr. 1179 BCE == Greg. Calendar 21 March 1179 BCE

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

MAY 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 50 51	28♈25'53	27♊12	16♈10	9♉18	9♋30	5♉24	21♉39	5♓ 9	6°R 9	7°R35	26°R50	26♈50	15♎ 2	n.a.	W 1
T 2	13 54 47	29°23'05	10♋48	18°11	10°32	10° 2	5°38	21°46	5°12	6♍ 9	7♑34	26♈50	26°47	15° 9	n.a.	T 2
F 3	13 58 44	0♉20'17	23°58	20°13	11°45	10°34	5°51	21°54	5°14	6° 8	7°34	26°50	26°44	15°15	n.a.	F 3
S 4	14 2 40	1°17'27	6♌45	22°18	12°59	11° 7	6° 5	22° 1	5°16	6° 7	7°34	26°D50	26°41	15°22	n.a.	S 4
S 5	14 6 37	2°14'36	19°13	24°24	14°12	11°40	6°19	22° 9	5°18	6° 6	7°33	26°50	26°38	15°29	n.a.	S 5
M 6	14 10 34	3°11'45	1♍24	26°32	15°26	12°12	6°33	22°16	5°21	6° 6	7°33	26°50	26°35	15°35	n.a.	M 6
T 7	14 14 30	4° 8'53	13°24	28°40	16°39	12°45	6°46	22°24	5°23	6° 5	7°32	26°51	26°31	15°42	n.a.	T 7
W 8	14 18 27	5° 5'59	25°17	0♉50	17°53	13°18	7° 0	22°31	5°25	6° 4	7°32	26°52	26°28	15°49	n.a.	W 8
T 9	14 22 23	6° 3'06	7♎ 5	3° 1	19° 6	13°52	7°14	22°39	5°27	6° 4	7°32	26°52	26°25	15°55	n.a.	T 9
F 10	14 26 20	7° 0'11	18°53	5°12	20°20	14°25	7°28	22°47	5°29	6° 3	7°31	26°53	26°22	16° 2	n.a.	F 10
S 11	14 30 16	7°57'16	0♏42	7°23	21°33	14°58	7°41	22°54	5°31	6° 2	7°30	26°R53	26°19	16° 8	n.a.	S 11
S 12	14 34 13	8°54'21	12°36	9°35	22°46	15°32	7°55	23° 2	5°33	6° 2	7°30	26°53	26°16	16°15	n.a.	S 12
M13	14 38 9	9°51'26	24°37	11°46	24° 0	16° 5	8° 9	23°10	5°35	6° 1	7°29	26°51	26°12	16°22	n.a.	M13
T 14	14 42 6	10°48'30	6♐46	13°56	25°13	16°39	8°22	23°18	5°37	6° 1	7°29	26°50	26° 9	16°28	n.a.	T 14
W15	14 46 3	11°45'34	19° 5	16° 6	26°27	17°13	8°36	23°25	5°38	6° 0	7°28	26°48	26° 6	16°35	n.a.	W15
T 16	14 49 59	12°42'38	1♑37	18°14	27°40	17°47	8°50	23°33	5°40	6° 0	7°28	26°46	26° 3	16°42	n.a.	T 16
F 17	14 53 56	13°39'42	14°23	20°22	28°54	18°21	9° 4	23°41	5°42	6° 0	7°27	26°44	26° 0	16°48	n.a.	F 17
S 18	14 57 52	14°36'47	27°25	22°28	0♊ 7	18°55	9°17	23°49	5°44	5°59	7°26	26°42	25°56	16°55	n.a.	S 18
S 19	15 1 49	15°33'51	10♒46	24°32	1°20	19°29	9°31	23°57	5°45	5°59	7°25	26°D41	25°53	17° 2	n.a.	S 19
M20	15 5 45	16°30'55	24°27	26°35	2°34	20° 4	9°45	24° 4	5°47	5°59	7°25	26°41	25°50	17° 8	n.a.	M20
T 21	15 9 42	17°28'00	8♓28	28°36	3°47	20°38	9°58	24°12	5°48	5°58	7°24	26°42	25°47	17°15	n.a.	T 21
W22	15 13 38	18°25'05	22°49	0♊35	5° 1	21°13	10°12	24°20	5°50	5°58	7°23	26°44	25°44	17°22	n.a.	W22
T 23	15 17 35	19°22'10	7♈27	2°32	6°14	21°47	10°26	24°28	5°51	5°58	7°22	26°45	25°41	17°28	n.a.	T 23
F 24	15 21 32	20°19'15	22°18	4°28	7°27	22°22	10°39	24°36	5°53	5°58	7°22	26°R46	25°37	17°35	n.a.	F 24
S 25	15 25 28	21°16'20	7♉16	6°21	8°41	22°57	10°53	24°44	5°54	5°57	7°21	26°45	25°34	17°42	n.a.	S 25
S 26	15 29 25	22°13'26	22°12	8°12	9°54	23°32	11° 6	24°51	5°56	5°57	7°20	26°44	25°31	17°48	n.a.	S 26
M27	15 33 21	23°10'32	6♊59	10° 2	11° 8	24° 7	11°20	24°59	5°57	5°57	7°19	26°41	25°28	17°55	n.a.	M27
T 28	15 37 18	24° 7'38	21°29	11°49	12°21	24°42	11°33	25° 7	5°58	5°57	7°18	26°38	25°25	18° 1	n.a.	T 28
W29	15 41 14	25° 4'44	5♋36	13°34	13°34	25°17	11°47	25°15	5°59	5°D57	7°17	26°34	25°22	18° 8	n.a.	W29
T 30	15 45 11	26° 1'50	19°17	15°17	14°48	25°52	12° 0	25°23	6° 1	5°57	7°16	26°30	25°18	18°15	n.a.	T 30
F 31	15 49 8	26♉58'57	2♌32	16♊58	16♊ 1	26♋28	12♉14	25♉31	6♓ 2	5♍57	7♑15	26♈27	25♈15	18♎21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n 6	28n25	4n36	5n28	1s 4	14n59	0n 9	25n14	1n45	12n56	0s39	17n18	1s14	10s29	0s46	11n 6	1n50	32s 5	8s29	10n31	10n31	5s 3		n.a.
T 2	11 26	28 28	5 5	6 25	0 54	15 25	0 12	25 10	1 44	13 0	0 39	17 20	1 13	10 28	0 46	11 6	1 50	32 6	8 30	10 31	10 30	5 6		n.a.
F 3	11 47	26 52	5 17	7 21	0 44	15 50	0 14	25 7	1 43	13 5	0 39	17 22	1 13	10 27	0 46	11 7	1 50	32 6	8 30	10 30	10 29	5 10		n.a.
S 4	12 7	23 56	5 13	8 19	0 33	16 15	0 17	25 3	1 42	13 10	0 39	17 24	1 13	10 27	0 46	11 7	1 50	32 6	8 30	10 30	10 27	5 13		n.a.
S 5	12 27	19 57	4 54	9 16	0 22	16 40	0 19	25 0	1 41	13 15	0 39	17 26	1 13	10 26	0 46	11 7	1 50	32 7	8 30	10 31	10 26	5 16		n.a.
M 6	12 47	15 13	4 22	10 13	0 11	17 4	0 22	24 56	1 40	13 19	0 38	17 28	1 13	10 25	0 46	11 7	1 50	32 7	8 31	10 31	10 25	5 20		n.a.
T 7	13 7	9 59	3 39	11 10	0 1	17 28	0 24	24 52	1 39	13 24	0 38	17 30	1 13	10 24	0 46	11 7	1 50	32 7	8 31	10 31	10 24	5 23		n.a.
W 8	13 26	4 27	2 47	12 7	0n10	17 52	0 26	24 48	1 39	13 29	0 38	17 32	1 13	10 24	0 46	11 8	1 50	32 7	8 31	10 31	10 23	5 27		n.a.
T 9	13 46	1s13	1 48	13 2	0 20	18 15	0 29	24 43	1 38	13 33	0 38	17 34	1 13	10 23	0 46	11 8	1 50	32 8	8 32	10 32	10 22	5 30		n.a.
F 10	14 5	6 50	0 44	13 57	0 31	18 37	0 31	24 39	1 37	13 38	0 38	17 36	1 13	10 22	0 46	11 8	1 50	32 8	8 32	10 32	10 20	5 33		n.a.
S 11	14 24	12 14	0s21	14 51	0 41	18 59	0 33	24 34	1 36	13 42	0 38	17 38	1 12	10 21	0 46	11 8	1 49	32 8	8 32	10 32	10 19	5 37		n.a.
S 12	14 42	17 14	1 26	15 43	0 50	19 21	0 36	24 30	1 35	13 47	0 38	17 40	1 12	10 21	0 46	11 8	1 49	32 9	8 32	10 32	10 18	5 40		n.a.
M13	15 1	21 37	2 28	16 33	0 59	19 42	0 38	24 25	1 34	13 52	0 38	17 43	1 12	10 20	0 46	11 9	1 49	32 9	8 33	10 31	10 17	5 44		n.a.
T 14	15 19	25 8	3 23	17 22	1 8	20 2	0 40	24 20	1 34	13 56	0 38	17 45	1 12	10 19	0 46	11 9	1 49	32 9	8 33	10 31	10 16	5 47		n.a.
W15	15 37	27 32	4 10	18 8	1 16	20 22	0 43	24 14	1 33	14 1	0 38	17 47	1 12	10 19	0 46	11 9	1 49	32 10	8 33	10 30	10 14	5 50		n.a.
T 16	15 55	28 36	4 46	18 52	1 23	20 42	0 45	24 9	1 32	14 5	0 38	17 49	1 12	10 18	0 46	11 9	1 49	32 10	8 33	10 29	10 13	5 54		n.a.
F 17	16 12	28 9	5 8	19 34	1 30	21 1	0 47	24 4	1 31	14 10	0 37	17 51	1 12	10 17	0 46	11 9	1 49	32 10	8 34	10 28	10 12	5 57		n.a.
S 18	16 29	26 10	5 16	20 14	1 36	21 19	0 49	23 58	1 30	14 14	0 37	17 53	1 12	10 17	0 46	11 9	1 49	32 10	8 34	10 28	10 11	6 0		n.a.
S 19	16 46	22 43	5 6	20 51	1 41	21 36	0 51	23 52	1 30	14 19	0 37	17 55	1 12	10 16	0 46	11 9	1 49	32 11	8 34	10 28	10 10	6 4		n.a.
M20	17 3	17 58	4 40	21 26	1 46	21 54	0 53	23 46	1 29	14 23	0 37	17 57	1 12	10 16	0 46	11 9	1 49	32 11	8 34	10 28	10 9	6 7		n.a.
T 21	17 20	12 10	3 56	21 58	1 50	22 10	0 56	23 40	1 28	14 28	0 37	17 59	1 11	10 15	0 46	11 9	1 49	32 11	8 35	10 28	10 7	6 11		n.a.
W22	17 36	5 35	2 56	22 28	1 54	22 26	0 58	23 34	1 27	14 32	0 37	18 1	1 11	10 15	0 46	11 9	1 49	32 12	8 35	10 28	10 6	6 14		n.a.
T 23	17 52	1n25	1 44	22 55	1 56	22 41	1 0	23 28	1 26	14 37	0 37	18 3	1 11	10 14	0 47	11 9	1 49	32 12	8 35	10 29	10 5	6 17		n.a.
F 24	18 7	8 27	0 25	23 20	1 59	22 56	1 2	23 21	1 26	14 41	0 37	18 5	1 11	10 14	0 47	11 9	1 49	32 12	8 35	10 29	10 4	6 21		n.a.
S 25	18 23	15 4	0n58	23 42	2 0	23 10	1 4	23 14	1 25	14 45	0 37	18 7	1 11	10 13	0 47	11 9	1 49	32 12	8 36	10 29	10 3	6 24		n.a.
S 26	18 38	20 48	2 15	24 1	2 1	23 23	1 5	23 8	1 24	14 50	0 37	18 9	1 11	10 13	0 47	11 9	1 49	32 13	8 36	10 28	10 2	6 28		n.a.
M27	18 52	25 10	3 23	24 19	2 1	23 36	1 7	23 1	1 23	14 54	0 37	18 11	1 11	10 12	0 47	11 9	1 49	32 13	8 36	10 27	10 0	6 31		n.a.
T 28	19 7	27 50	4 17	24 34	2 0	23 48	1 9	22 53	1 22	14 58	0 37	18 13	1 11	10 12	0 47	11 9	1 49	32 13	8 36	10 26	9 59	6 34		n.a.
W29	19 21	28 35	4 53	24 46	1 59	23 59	1 11	22 46	1 22	15 3	0 36	18 15	1 11	10 11	0 47	11 9	1 49	32 14	8 36	10 25	9 58	6 38		n.a.
T 30	19 35	27 33	5 11	24 57	1 57	24 9	1 13	22 39	1 21	15 7	0 36	18 17	1 11	10 11	0 47	11 9	1 48	32 14	8 37	10 23	9 57	6 41		n.a.
F 31	19n48	24n58	5n12	25n 5	1n55	24n19	1n14	22n31	1n20	15n11	0s36	18n19	1s11	10s10	0s47	11n 9	1n48	32s14	8s37	10n22	9n56	6s44		n.a.

Julian Day Number = 1290913.5, Delta T = 07h59m18s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'40, Lahiri = -20°13'40 Julian Calendar 1 May 1179 BCE == Greg. Calendar 20 Apr. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

JUNE 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 4	27♉56'03	15♌22	18♊38	17♊14	27♋ 3	12♉27	25♉39	6♓ 3	5♍57	7°R14	26°R24	25♈12	18♎28	n.a.	S 1
S 2	15 57 1	28°53'09	27°51	20°15	18°27	27°39	12°41	25°47	6° 4	5°57	7♑13	26°D24	25° 9	18°35	n.a.	S 2
M 3	16 0 57	29°50'15	10♍ 2	21°50	19°41	28°15	12°54	25°54	6° 5	5°58	7°12	26♈24	25° 6	18°41	n.a.	M 3
T 4	16 4 54	0♊47'21	22° 0	23°23	20°54	28°50	13° 8	26° 2	6° 6	5°58	7°11	26°26	25° 2	18°48	n.a.	T 4
W 5	16 8 50	1°44'28	3♎51	24°54	22° 7	29°26	13°21	26°10	6° 7	5°58	7°10	26°27	24°59	18°55	n.a.	W 5
T 6	16 12 47	2°41'34	15°38	26°22	23°21	0♌ 2	13°34	26°18	6° 7	5°58	7° 9	26°29	24°56	19° 1	n.a.	T 6
F 7	16 16 43	3°38'42	27°27	27°49	24°34	0°38	13°48	26°26	6° 8	5°58	7° 8	26°R29	24°53	19° 8	n.a.	F 7
S 8	16 20 40	4°35'49	9♏21	29°14	25°47	1°14	14° 1	26°34	6° 9	5°59	7° 7	26°28	24°50	19°15	n.a.	S 8
S 9	16 24 37	5°32'57	21°23	0♋36	27° 0	1°51	14°14	26°41	6°10	5°59	7° 6	26°26	24°47	19°21	n.a.	S 9
M10	16 28 33	6°30'06	3♐34	1°56	28°13	2°27	14°27	26°49	6°10	5°59	7° 5	26°21	24°43	19°28	n.a.	M10
T 11	16 32 30	7°27'15	15°58	3°14	29°27	3° 3	14°40	26°57	6°11	6° 0	7° 4	26°15	24°40	19°35	n.a.	T 11
W12	16 36 26	8°24'25	28°34	4°30	0♋40	3°40	14°53	27° 5	6°11	6° 0	7° 3	26° 8	24°37	19°41	n.a.	W12
T 13	16 40 23	9°21'35	11♑23	5°43	1°53	4°16	15° 6	27°13	6°12	6° 1	7° 2	26° 1	24°34	19°48	n.a.	T 13
F 14	16 44 19	10°18'47	24°26	6°54	3° 6	4°53	15°20	27°20	6°12	6° 1	7° 1	25°54	24°31	19°54	n.a.	F 14
S 15	16 48 16	11°16'00	7♒41	8° 2	4°19	5°30	15°33	27°28	6°13	6° 2	6°59	25°49	24°28	20° 1	n.a.	S 15
S 16	16 52 13	12°13'13	21°10	9° 8	5°32	6° 6	15°45	27°36	6°13	6° 2	6°58	25°45	24°24	20° 8	n.a.	S 16
M17	16 56 9	13°10'28	4♓51	10°11	6°46	6°43	15°58	27°43	6°13	6° 3	6°57	25°43	24°21	20°14	n.a.	M17
T 18	17 0 6	14° 7'43	18°46	11°11	7°59	7°20	16°11	27°51	6°14	6° 3	6°56	25°D43	24°18	20°21	n.a.	T 18
W19	17 4 2	15° 5'00	2♈55	12° 9	9°12	7°57	16°24	27°59	6°14	6° 4	6°55	25°43	24°15	20°28	n.a.	W19
T 20	17 7 59	16° 2'18	17°15	13° 3	10°25	8°34	16°37	28° 6	6°14	6° 5	6°53	25°44	24°12	20°34	n.a.	T 20
F 21	17 11 55	16°59'38	1♉44	13°54	11°38	9°12	16°50	28°14	6°14	6° 5	6°52	25°R44	24° 8	20°41	n.a.	F 21
S 22	17 15 52	17°56'58	16°20	14°42	12°51	9°49	17° 2	28°22	6°14	6° 6	6°51	25°43	24° 5	20°48	n.a.	S 22
S 23	17 19 48	18°54'20	0♊57	15°27	14° 4	10°26	17°15	28°29	6°R14	6° 7	6°50	25°39	24° 2	20°54	n.a.	S 23
M24	17 23 45	19°51'44	15°28	16° 8	15°17	11° 4	17°27	28°37	6°14	6° 8	6°48	25°33	23°59	21° 1	n.a.	M24
T 25	17 27 42	20°49'08	29°46	16°45	16°30	11°41	17°40	28°44	6°14	6° 9	6°47	25°25	23°56	21° 8	n.a.	T 25
W26	17 31 38	21°46'33	13♋47	17°18	17°43	12°19	17°52	28°52	6°14	6° 9	6°46	25°16	23°53	21°14	n.a.	W26
T 27	17 35 35	22°43'59	27°26	17°47	18°56	12°57	18° 5	28°59	6°14	6°10	6°44	25° 7	23°49	21°21	n.a.	T 27
F 28	17 39 31	23°41'27	10♌41	18°12	20° 9	13°34	18°17	29° 7	6°14	6°11	6°43	24°59	23°46	21°28	n.a.	F 28
S 29	17 43 28	24°38'55	23°31	18°32	21°22	14°12	18°29	29°14	6°13	6°12	6°42	24°52	23°43	21°34	n.a.	S 29
S 30	17 47 24	25♊36'24	6♍ 1	18♋48	22♋35	14♌50	18♉42	29♉21	6♓13	6♍13	6♑41	24♈48	23♈40	21♎41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 2	21n12	4n56	25n12	1n52	24n28	1n16	22n23	1n19	15n15	0s36	18n21	1s10	10s10	0s47	11n 9	1n48	32s14	8s37	10n21	9n55	6s48		n.a.
S 2	20 15	16 35	4 28	25 16	1 48	24 37	1 18	22 15	1 18	15 20	0 36	18 23	1 10	10 10	0 47	11 9	1 48	32 15	8 37	10 21	9 53	6 51		n.a.
M 3	20 27	11 26	3 47	25 18	1 44	24 45	1 19	22 7	1 18	15 24	0 36	18 25	1 10	10 9	0 47	11 9	1 48	32 15	8 38	10 21	9 52	6 55		n.a.
T 4	20 39	5 56	2 57	25 19	1 39	24 52	1 21	21 59	1 17	15 28	0 36	18 27	1 10	10 9	0 47	11 9	1 48	32 15	8 38	10 22	9 51	6 58		n.a.
W 5	20 51	0 17	2 1	25 18	1 34	24 58	1 22	21 51	1 16	15 32	0 36	18 29	1 10	10 9	0 47	11 9	1 48	32 15	8 38	10 22	9 50	7 1		n.a.
T 6	21 3	5s21	0 59	25 15	1 28	25 3	1 23	21 42	1 15	15 36	0 36	18 31	1 10	10 9	0 47	11 9	1 48	32 16	8 38	10 23	9 49	7 5		n.a.
F 7	21 14	10 49	0s 5	25 11	1 22	25 8	1 25	21 34	1 15	15 40	0 36	18 33	1 10	10 8	0 47	11 8	1 48	32 16	8 38	10 23	9 47	7 8		n.a.
S 8	21 25	15 57	1 10	25 5	1 15	25 12	1 26	21 25	1 14	15 44	0 36	18 34	1 10	10 8	0 47	11 8	1 48	32 16	8 39	10 23	9 46	7 11		n.a.
S 9	21 35	20 31	2 11	24 58	1 8	25 15	1 27	21 16	1 13	15 48	0 36	18 36	1 10	10 8	0 47	11 8	1 48	32 16	8 39	10 22	9 45	7 15		n.a.
M10	21 45	24 17	3 8	24 50	1 0	25 18	1 28	21 7	1 12	15 52	0 36	18 38	1 10	10 8	0 47	11 8	1 48	32 17	8 39	10 20	9 44	7 18		n.a.
T 11	21 55	27 0	3 56	24 40	0 52	25 19	1 29	20 57	1 11	15 56	0 36	18 40	1 10	10 7	0 47	11 8	1 48	32 17	8 39	10 18	9 43	7 22		n.a.
W12	22 4	28 24	4 34	24 29	0 44	25 20	1 30	20 48	1 11	16 0	0 36	18 42	1 10	10 7	0 47	11 8	1 48	32 17	8 39	10 15	9 42	7 25		n.a.
T 13	22 13	28 18	4 59	24 17	0 35	25 21	1 31	20 38	1 10	16 4	0 35	18 44	1 10	10 7	0 47	11 7	1 48	32 17	8 39	10 13	9 40	7 28		n.a.
F 14	22 22	26 39	5 8	24 5	0 25	25 20	1 32	20 29	1 9	16 8	0 35	18 46	1 10	10 7	0 47	11 7	1 48	32 18	8 40	10 10	9 39	7 32		n.a.
S 15	22 30	23 30	5 2	23 51	0 16	25 19	1 33	20 19	1 8	16 12	0 35	18 48	1 10	10 7	0 47	11 7	1 48	32 18	8 40	10 8	9 38	7 35		n.a.
S 16	22 38	19 4	4 39	23 36	0 5	25 17	1 34	20 9	1 8	16 16	0 35	18 49	1 10	10 7	0 47	11 7	1 48	32 18	8 40	10 7	9 37	7 38		n.a.
M17	22 45	13 36	4 0	23 21	0s 5	25 14	1 34	19 59	1 7	16 20	0 35	18 51	1 10	10 7	0 47	11 6	1 48	32 18	8 40	10 6	9 36	7 42		n.a.
T 18	22 53	7 21	3 6	23 6	0 16	25 10	1 35	19 48	1 6	16 24	0 35	18 53	1 9	10 7	0 48	11 6	1 47	32 19	8 40	10 6	9 34	7 45		n.a.
W19	22 59	0 39	2 0	22 49	0 27	25 6	1 36	19 38	1 5	16 27	0 35	18 55	1 9	10 7	0 48	11 6	1 47	32 19	8 40	10 6	9 33	7 48		n.a.
T 20	23 5	6n11	0 46	22 33	0 39	25 1	1 36	19 27	1 5	16 31	0 35	18 56	1 9	10 7	0 48	11 5	1 47	32 19	8 41	10 6	9 32	7 52		n.a.
F 21	23 11	12 47	0n32	22 16	0 50	24 55	1 36	19 17	1 4	16 35	0 35	18 58	1 9	10 6	0 48	11 5	1 47	32 19	8 41	10 6	9 31	7 55		n.a.
S 22	23 17	18 44	1 48	21 59	1 2	24 49	1 37	19 6	1 3	16 39	0 35	19 0	1 9	10 7	0 48	11 5	1 47	32 19	8 41	10 6	9 30	7 58		n.a.
S 23	23 22	23 35	2 57	21 41	1 15	24 41	1 37	18 55	1 2	16 42	0 35	19 2	1 9	10 7	0 48	11 4	1 47	32 20	8 41	10 4	9 28	8 2		n.a.
M24	23 27	26 55	3 54	21 24	1 27	24 33	1 37	18 44	1 2	16 46	0 35	19 3	1 9	10 7	0 48	11 4	1 47	32 20	8 41	10 2	9 27	8 5		n.a.
T 25	23 31	28 26	4 36	21 7	1 40	24 24	1 37	18 32	1 1	16 50	0 35	19 5	1 9	10 7	0 48	11 4	1 47	32 20	8 41	9 59	9 26	8 9		n.a.
W26	23 35	28 4	4 59	20 50	1 52	24 15	1 37	18 21	1 0	16 53	0 35	19 7	1 9	10 7	0 48	11 3	1 47	32 20	8 41	9 56	9 25	8 12		n.a.
T 27	23 38	26 0	5 5	20 34	2 5	24 5	1 37	18 9	0 59	16 57	0 35	19 9	1 9	10 7	0 48	11 3	1 47	32 21	8 42	9 52	9 24	8 15		n.a.
F 28	23 41	22 33	4 54	20 18	2 18	23 54	1 37	17 57	0 58	17 0	0 35	19 10	1 9	10 7	0 48	11 3	1 47	32 21	8 42	9 50	9 23	8 19		n.a.
S 29	23 44	18 7	4 28	20 2	2 31	23 42	1 37	17 46	0 58	17 4	0 35	19 12	1 9	10 7	0 48	11 2	1 47	32 21	8 42	9 47	9 21	8 22		n.a.
S 30	23n46	13n 1	3n50	19n48	2s44	23n30	1n37	17n34	0n57	17n 7	0s35	19n13	1s 9	10s 7	0s48	11n 2	1n47	32s21	8s42	9n46	9n20	8s25		n.a.

Julian Day Number = 1290944.5, Delta T = 07h59m16s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'36, Lahiri = -20°13'35 Julian Calendar 1 June 1179 BCE == Greg. Calendar 21 May 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

JULY 1179 BCE (-1178) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 51 21	26♊33'54	18♍12	18♋58	23♋48	15♌28	18♉54	29♉29	6°R13	6♍14	6°R39	24°R46	23♈37	21♎47	n.a.	M 1
T 2	17 55 18	27°31'25	0♎10	19° 4	25° 1	16° 6	19° 6	29°36	6♓12	6°15	6♑38	24°D46	23°34	21°54	n.a.	T 2
W 3	17 59 14	28°28'57	12° 1	19°R 4	26°14	16°45	19°18	29°43	6°12	6°16	6°37	24♈46	23°30	22° 1	n.a.	W 3
T 4	18 3 11	29°26'30	23°49	18°59	27°27	17°23	19°30	29°50	6°11	6°17	6°35	24°R47	23°27	22° 7	n.a.	T 4
F 5	18 7 7	0♋24'05	5♏40	18°48	28°39	18° 1	19°42	29°58	6°11	6°19	6°34	24°46	23°24	22°14	n.a.	F 5
S 6	18 11 4	1°21'40	17°38	18°32	29°52	18°39	19°53	0♊ 5	6°10	6°20	6°33	24°44	23°21	22°21	n.a.	S 6
S 7	18 15 0	2°19'17	29°48	18°10	1♌ 5	19°18	20° 5	0°12	6° 9	6°21	6°31	24°39	23°18	22°27	n.a.	S 7
M 8	18 18 57	3°16'56	12♐11	17°43	2°18	19°56	20°17	0°19	6° 9	6°22	6°30	24°32	23°14	22°34	n.a.	M 8
T 9	18 22 53	4°14'35	24°50	17°10	3°31	20°35	20°29	0°26	6° 8	6°23	6°29	24°22	23°11	22°41	n.a.	T 9
W10	18 26 50	5°12'16	7♑46	16°33	4°43	21°14	20°40	0°33	6° 7	6°25	6°27	24°11	23° 8	22°47	n.a.	W10
T 11	18 30 47	6° 9'59	20°57	15°52	5°56	21°53	20°52	0°40	6° 6	6°26	6°26	23°59	23° 5	22°54	n.a.	T 11
F 12	18 34 43	7° 7'43	4♒22	15° 6	7° 9	22°31	21° 3	0°47	6° 5	6°27	6°25	23°48	23° 2	23° 1	n.a.	F 12
S 13	18 38 40	8° 5'29	17°59	14°17	8°21	23°10	21°14	0°53	6° 4	6°29	6°23	23°39	22°59	23° 7	n.a.	S 13
S 14	18 42 36	9° 3'17	1♓45	13°26	9°34	23°49	21°25	1° 0	6° 4	6°30	6°22	23°32	22°55	23°14	n.a.	S 14
M15	18 46 33	10° 1'06	15°38	12°33	10°47	24°28	21°37	1° 7	6° 2	6°31	6°21	23°27	22°52	23°20	n.a.	M15
T 16	18 50 29	10°58'58	29°37	11°40	11°59	25° 7	21°48	1°14	6° 1	6°33	6°19	23°25	22°49	23°27	n.a.	T 16
W17	18 54 26	11°56'51	13♈42	10°47	13°12	25°47	21°59	1°20	6° 0	6°34	6°18	23°D25	22°46	23°34	n.a.	W17
T 18	18 58 22	12°54'46	27°50	9°56	14°24	26°26	22° 9	1°27	5°59	6°36	6°17	23°R25	22°43	23°40	n.a.	T 18
F 19	19 2 19	13°52'44	12♉ 1	9° 8	15°37	27° 5	22°20	1°33	5°58	6°37	6°15	23°24	22°40	23°47	n.a.	F 19
S 20	19 6 16	14°50'43	26°14	8°23	16°49	27°45	22°31	1°40	5°57	6°39	6°14	23°21	22°36	23°54	n.a.	S 20
S 21	19 10 12	15°48'45	10♊26	7°43	18° 2	28°24	22°42	1°46	5°55	6°40	6°13	23°16	22°33	24° 0	n.a.	S 21
M22	19 14 9	16°46'48	24°33	7° 9	19°14	29° 4	22°52	1°53	5°54	6°42	6°11	23° 7	22°30	24° 7	n.a.	M22
T 23	19 18 5	17°44'54	8♋30	6°41	20°27	29°44	23° 3	1°59	5°53	6°43	6°10	22°56	22°27	24°14	n.a.	T 23
W24	19 22 2	18°43'01	22°13	6°20	21°39	0♍23	23°13	2° 5	5°51	6°45	6° 9	22°44	22°24	24°20	n.a.	W24
T 25	19 25 58	19°41'10	5♌39	6° 7	22°51	1° 3	23°23	2°11	5°50	6°47	6° 7	22°32	22°20	24°27	n.a.	T 25
F 26	19 29 55	20°39'21	18°45	6°D 3	24° 4	1°43	23°33	2°18	5°48	6°48	6° 6	22°20	22°17	24°34	n.a.	F 26
S 27	19 33 51	21°37'34	1♍30	6° 6	25°16	2°23	23°43	2°24	5°47	6°50	6° 5	22°11	22°14	24°40	n.a.	S 27
S 28	19 37 48	22°35'48	13°57	6°19	26°28	3° 3	23°53	2°30	5°45	6°52	6° 3	22° 4	22°11	24°47	n.a.	S 28
M29	19 41 45	23°34'04	26° 7	6°40	27°40	3°43	24° 3	2°36	5°44	6°53	6° 2	22° 0	22° 8	24°54	n.a.	M29
T 30	19 45 41	24°32'22	8♎ 5	7° 9	28°53	4°23	24°13	2°41	5°42	6°55	6° 1	21°58	22° 5	25° 0	n.a.	T 30
W31	19 49 38	25♋30'41	19♎55	7♋47	0♍ 5	5♍ 4	24♉22	2♊47	5♓40	6♍57	6♑ 0	21♈58	22♈ 1	25♎ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n47	7n32	3n 3	19n34	2s56	23n17	1n36	17n21	0n56	17n11	0s34	19n15	1s 9	10s 7	0s48	11n 1	1n47	32s21	8s42	9n45	9n19	8s29			n.a.
T 2	23 49	1 53	2 8	19 21	3 9	23 3	1 36	17 9	0 55	17 14	0 34	19 17	1 9	10 8	0 48	11 1	1 47	32 21	8 42	9 45	9 18	8 32			n.a.
W 3	23 50	3s47	1 8	19 9	3 21	22 49	1 36	16 57	0 55	17 17	0 34	19 18	1 9	10 8	0 48	11 0	1 47	32 22	8 42	9 45	9 17	8 35			n.a.
T 4	23 50	9 19	0 5	18 58	3 32	22 34	1 35	16 44	0 54	17 21	0 34	19 20	1 9	10 8	0 48	11 0	1 47	32 22	8 42	9 45	9 15	8 39			n.a.
F 5	23 50	14 32	0s58	18 49	3 43	22 19	1 34	16 32	0 53	17 24	0 34	19 21	1 9	10 8	0 48	11 0	1 47	32 22	8 42	9 45	9 14	8 42			n.a.
S 6	23 50	19 16	1 59	18 41	3 53	22 2	1 34	16 19	0 52	17 27	0 34	19 23	1 9	10 9	0 48	10 59	1 47	32 22	8 42	9 44	9 13	8 45			n.a.
S 7	23 49	23 17	2 55	18 34	4 3	21 45	1 33	16 6	0 52	17 31	0 34	19 25	1 9	10 9	0 48	10 59	1 47	32 22	8 43	9 42	9 12	8 49			n.a.
M 8	23 48	26 20	3 44	18 29	4 11	21 28	1 32	15 53	0 51	17 34	0 34	19 26	1 9	10 9	0 48	10 58	1 46	32 22	8 43	9 39	9 11	8 52			n.a.
T 9	23 46	28 7	4 23	18 26	4 19	21 10	1 31	15 40	0 50	17 37	0 34	19 28	1 9	10 9	0 48	10 58	1 46	32 23	8 43	9 36	9 9	8 55			n.a.
W10	23 44	28 25	4 50	18 25	4 25	20 51	1 30	15 26	0 49	17 40	0 34	19 29	1 9	10 10	0 48	10 57	1 46	32 23	8 43	9 32	9 8	8 59			n.a.
T 11	23 41	27 8	5 1	18 25	4 29	20 32	1 29	15 13	0 49	17 43	0 34	19 30	1 9	10 10	0 48	10 56	1 46	32 23	8 43	9 27	9 7	9 2			n.a.
F 12	23 38	24 17	4 57	18 28	4 32	20 12	1 28	14 59	0 48	17 46	0 34	19 32	1 9	10 11	0 48	10 56	1 46	32 23	8 43	9 23	9 6	9 5			n.a.
S 13	23 35	20 3	4 35	18 32	4 33	19 52	1 26	14 46	0 47	17 49	0 34	19 33	1 9	10 11	0 48	10 55	1 46	32 23	8 43	9 20	9 5	9 9			n.a.
S 14	23 31	14 43	3 58	18 37	4 33	19 31	1 25	14 32	0 46	17 52	0 34	19 35	1 9	10 11	0 48	10 55	1 46	32 23	8 43	9 17	9 3	9 12			n.a.
M15	23 27	8 36	3 6	18 45	4 30	19 10	1 24	14 18	0 46	17 55	0 34	19 36	1 9	10 12	0 49	10 54	1 46	32 23	8 43	9 15	9 2	9 15			n.a.
T 16	23 22	2 1	2 2	18 54	4 26	18 48	1 22	14 4	0 45	17 58	0 34	19 38	1 9	10 12	0 49	10 54	1 46	32 23	8 43	9 15	9 1	9 19			n.a.
W17	23 17	4n42	0 51	19 5	4 19	18 25	1 21	13 50	0 44	18 1	0 34	19 39	1 9	10 13	0 49	10 53	1 46	32 24	8 43	9 15	9 0	9 22			n.a.
T 18	23 12	11 14	0n23	19 17	4 11	18 2	1 19	13 36	0 43	18 4	0 34	19 40	1 9	10 13	0 49	10 53	1 46	32 24	8 43	9 15	8 59	9 25			n.a.
F 19	23 6	17 14	1 37	19 30	4 1	17 39	1 17	13 21	0 43	18 7	0 34	19 42	1 9	10 14	0 49	10 52	1 46	32 24	8 43	9 14	8 57	9 28			n.a.
S 20	23 0	22 17	2 44	19 45	3 50	17 15	1 15	13 7	0 42	18 10	0 34	19 43	1 9	10 14	0 49	10 51	1 46	32 24	8 43	9 13	8 56	9 32			n.a.
S 21	22 53	26 2	3 41	20 0	3 37	16 51	1 14	12 52	0 41	18 12	0 34	19 44	1 9	10 15	0 49	10 51	1 46	32 24	8 43	9 11	8 55	9 35			n.a.
M22	22 46	28 7	4 24	20 17	3 22	16 26	1 12	12 37	0 41	18 15	0 34	19 46	1 9	10 15	0 49	10 50	1 46	32 24	8 43	9 8	8 54	9 38			n.a.
T 23	22 38	28 24	4 51	20 34	3 7	16 1	1 10	12 22	0 40	18 18	0 34	19 47	1 9	10 16	0 49	10 49	1 46	32 24	8 43	9 4	8 53	9 42			n.a.
W24	22 30	26 54	5 0	20 51	2 50	15 35	1 8	12 8	0 39	18 21	0 34	19 48	1 9	10 16	0 49	10 49	1 46	32 24	8 43	8 59	8 51	9 45			n.a.
T 25	22 22	23 53	4 53	21 9	2 33	15 9	1 5	11 53	0 38	18 23	0 34	19 49	1 9	10 17	0 49	10 48	1 46	32 24	8 43	8 54	8 50	9 48			n.a.
F 26	22 13	19 43	4 30	21 26	2 16	14 43	1 3	11 37	0 38	18 26	0 34	19 51	1 9	10 17	0 49	10 47	1 46	32 24	8 43	8 50	8 49	9 52			n.a.
S 27	22 4	14 44	3 53	21 44	1 58	14 16	1 1	11 22	0 37	18 28	0 34	19 52	1 9	10 18	0 49	10 47	1 46	32 24	8 43	8 47	8 48	9 55			n.a.
S 28	21 54	9 17	3 7	22 1	1 40	13 49	0 59	11 7	0 36	18 31	0 33	19 53	1 9	10 18	0 49	10 46	1 46	32 24	8 43	8 44	8 47	9 58			n.a.
M29	21 45	3 35	2 12	22 18	1 22	13 21	0 56	10 51	0 35	18 33	0 33	19 54	1 9	10 19	0 49	10 45	1 46	32 25	8 43	8 42	8 45	10 1			n.a.
T 30	21 34	2s 9	1 13	22 34	1 5	12 54	0 54	10 36	0 35	18 36	0 33	19 55	1 9	10 20	0 49	10 45	1 46	32 25	8 43	8 42	8 44	10 5			n.a.
W31	21n23	7s45	0n11	22n49	0s48	12n25	0n51	10n20	0n34	18n38	0s33	19n56	1s 9	10s20	0s49	10n44	1n46	32s25	8s43	8n42	8n43	10s 8			n.a.

Julian Day Number = 1290974.5, Delta T = 07h59m15s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'32, Lahiri = -20°13'31 Julian Calendar 1 July 1179 BCE == Greg. Calendar 20 June 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

AUGUST 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 34	26♋29'02	1♏43	8♋33	1♍17	5♍44	24♉32	2♊53	5°R39	6♍59	5°R58	21°R58	21♈58	25♎13	n.a.	T 1
F 2	19 57 31	27°27'25	13°35	9°27	2°29	6°24	24°41	2°59	5♓37	7° 1	5♑57	21♈57	21°55	25°20	n.a.	F 2
S 3	20 1 27	28°25'49	25°35	10°28	3°41	7° 5	24°50	3° 4	5°35	7° 2	5°56	21°54	21°52	25°27	n.a.	S 3
S 4	20 5 24	29°24'16	7♐49	11°36	4°53	7°45	24°59	3°10	5°33	7° 4	5°55	21°50	21°49	25°33	n.a.	S 4
M 5	20 9 20	0♌22'44	20°21	12°51	6° 5	8°26	25° 9	3°15	5°32	7° 6	5°54	21°42	21°46	25°40	n.a.	M 5
T 6	20 13 17	1°21'14	3♑12	14°11	7°17	9° 7	25°17	3°21	5°30	7° 8	5°52	21°32	21°42	25°47	n.a.	T 6
W 7	20 17 14	2°19'46	16°24	15°37	8°29	9°47	25°26	3°26	5°28	7°10	5°51	21°21	21°39	25°53	n.a.	W 7
T 8	20 21 10	3°18'20	29°56	17° 7	9°41	10°28	25°35	3°31	5°26	7°12	5°50	21° 9	21°36	26° 0	n.a.	T 8
F 9	20 25 7	4°16'56	13♒45	18°42	10°52	11° 9	25°43	3°36	5°24	7°14	5°49	20°57	21°33	26° 7	n.a.	F 9
S 10	20 29 3	5°15'34	27°48	20°20	12° 4	11°50	25°52	3°41	5°22	7°16	5°48	20°47	21°30	26°13	n.a.	S 10
S 11	20 33 0	6°14'14	11♓59	22° 1	13°16	12°31	26° 0	3°46	5°20	7°18	5°47	20°40	21°26	26°20	n.a.	S 11
M12	20 36 56	7°12'57	26°13	23°45	14°27	13°12	26° 8	3°51	5°18	7°20	5°46	20°35	21°23	26°27	n.a.	M12
T 13	20 40 53	8°11'42	10♈28	25°30	15°39	13°53	26°16	3°56	5°16	7°22	5°44	20°33	21°20	26°33	n.a.	T 13
W14	20 44 49	9°10'29	24°41	27°18	16°51	14°35	26°24	4° 1	5°14	7°24	5°43	20°D33	21°17	26°40	n.a.	W14
T 15	20 48 46	10° 9'19	8♉49	29° 6	18° 2	15°16	26°32	4° 6	5°12	7°26	5°42	20°R33	21°14	26°47	n.a.	T 15
F 16	20 52 42	11° 8'11	22°51	0♌56	19°14	15°57	26°40	4°10	5° 9	7°28	5°41	20°33	21°11	26°53	n.a.	F 16
S 17	20 56 39	12° 7'06	6♊48	2°46	20°25	16°39	26°47	4°15	5° 7	7°30	5°40	20°30	21° 7	27° 0	n.a.	S 17
S 18	21 0 36	13° 6'03	20°38	4°36	21°36	17°20	26°54	4°19	5° 5	7°32	5°39	20°26	21° 4	27° 6	n.a.	S 18
M19	21 4 32	14° 5'03	4♋20	6°27	22°48	18° 2	27° 2	4°23	5° 3	7°34	5°38	20°18	21° 1	27°13	n.a.	M19
T 20	21 8 29	15° 4'05	17°51	8°17	23°59	18°43	27° 9	4°28	5° 1	7°36	5°37	20° 9	20°58	27°20	n.a.	T 20
W21	21 12 25	16° 3'09	1♌11	10° 7	25°10	19°25	27°15	4°32	4°58	7°38	5°36	19°58	20°55	27°26	n.a.	W21
T 22	21 16 22	17° 2'16	14°16	11°57	26°21	20° 7	27°22	4°36	4°56	7°40	5°35	19°46	20°52	27°33	n.a.	T 22
F 23	21 20 18	18° 1'24	27° 6	13°46	27°33	20°49	27°29	4°40	4°54	7°42	5°34	19°36	20°48	27°40	n.a.	F 23
S 24	21 24 15	19° 0'35	9♍40	15°35	28°44	21°31	27°35	4°44	4°51	7°45	5°33	19°27	20°45	27°46	n.a.	S 24
S 25	21 28 11	19°59'48	21°59	17°23	29°55	22°13	27°42	4°48	4°49	7°47	5°33	19°21	20°42	27°53	n.a.	S 25
M26	21 32 8	20°59'03	4♎ 5	19°11	1♎ 6	22°55	27°48	4°51	4°47	7°49	5°32	19°18	20°39	28° 0	n.a.	M26
T 27	21 36 5	21°58'19	16° 0	20°57	2°17	23°37	27°54	4°55	4°44	7°51	5°31	19°D16	20°36	28° 6	n.a.	T 27
W28	21 40 1	22°57'38	27°49	22°43	3°27	24°19	27°59	4°58	4°42	7°53	5°30	19°17	20°32	28°13	n.a.	W28
T 29	21 43 58	23°56'59	9♏36	24°28	4°38	25° 2	28° 5	5° 2	4°40	7°55	5°29	19°18	20°29	28°20	n.a.	T 29
F 30	21 47 54	24°56'22	21°27	26°13	5°49	25°44	28°11	5° 5	4°37	7°58	5°28	19°R18	20°26	28°26	n.a.	F 30
S 31	21 51 51	25♌55'47	3♐26	27♌56	6♎59	26♍26	28♉16	5♊ 8	4♓35	8♍ 0	5♑28	19♈18	20♈23	28♎33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n12	13s 4	0s52	23n 2	0s31	11n57	0n48	10n 4	0n33	18n41	0s33	19n58	1s 9	10s21	0s49	10n43	1n46	32s25	8s43	8n42	8n42	10s11			n.a.
F 2	21 1	17 57	1 52	23 14	0 15	11 28	0 46	9 49	0 32	18 43	0 33	19 59	1 9	10 22	0 49	10 43	1 46	32 25	8 43	8 41	8 41	10 15			n.a.
S 3	20 49	22 12	2 48	23 25	0 0	10 59	0 43	9 33	0 32	18 45	0 33	20 0	1 9	10 22	0 49	10 42	1 45	32 25	8 43	8 40	8 39	10 18			n.a.
S 4	20 37	25 33	3 37	23 33	0n14	10 30	0 40	9 17	0 31	18 48	0 33	20 1	1 9	10 23	0 49	10 41	1 45	32 25	8 43	8 39	8 38	10 21			n.a.
M 5	20 24	27 46	4 18	23 39	0 27	10 0	0 37	9 1	0 30	18 50	0 33	20 2	1 9	10 24	0 49	10 40	1 45	32 25	8 43	8 36	8 37	10 25			n.a.
T 6	20 11	28 34	4 46	23 43	0 39	9 31	0 34	8 44	0 29	18 52	0 33	20 3	1 9	10 25	0 49	10 40	1 45	32 25	8 43	8 32	8 36	10 28			n.a.
W 7	19 58	27 46	5 0	23 45	0 51	9 1	0 32	8 28	0 29	18 54	0 33	20 4	1 9	10 25	0 49	10 39	1 45	32 25	8 43	8 28	8 35	10 31			n.a.
T 8	19 44	25 20	4 57	23 44	1 1	8 30	0 28	8 12	0 28	18 56	0 33	20 5	1 9	10 26	0 49	10 38	1 45	32 25	8 43	8 23	8 33	10 34			n.a.
F 9	19 30	21 24	4 38	23 40	1 10	8 0	0 25	7 55	0 27	18 58	0 33	20 6	1 9	10 27	0 49	10 37	1 45	32 25	8 43	8 19	8 32	10 38			n.a.
S 10	19 16	16 12	4 1	23 34	1 18	7 29	0 22	7 39	0 26	19 0	0 33	20 7	1 9	10 28	0 49	10 37	1 45	32 25	8 43	8 15	8 31	10 41			n.a.
S 11	19 1	10 5	3 9	23 25	1 26	6 59	0 19	7 22	0 26	19 2	0 33	20 8	1 9	10 28	0 49	10 36	1 45	32 25	8 43	8 12	8 30	10 44			n.a.
M12	18 46	3 26	2 5	23 13	1 32	6 28	0 16	7 5	0 25	19 4	0 33	20 9	1 9	10 29	0 49	10 35	1 45	32 25	8 43	8 10	8 29	10 47			n.a.
T 13	18 31	3n24	0 53	22 59	1 37	5 56	0 13	6 49	0 24	19 6	0 33	20 10	1 9	10 30	0 49	10 34	1 45	32 25	8 43	8 9	8 27	10 51			n.a.
W14	18 15	10 3	0n22	22 42	1 42	5 25	0 9	6 32	0 24	19 8	0 33	20 10	1 9	10 31	0 49	10 34	1 45	32 25	8 43	8 9	8 26	10 54			n.a.
T 15	18 0	16 11	1 35	22 23	1 45	4 54	0 6	6 15	0 23	19 10	0 33	20 11	1 9	10 31	0 49	10 33	1 45	32 25	8 43	8 9	8 25	10 57			n.a.
F 16	17 43	21 25	2 43	22 2	1 48	4 22	0 2	5 58	0 22	19 12	0 33	20 12	1 9	10 32	0 49	10 32	1 45	32 25	8 43	8 9	8 24	11 0			n.a.
S 17	17 27	25 25	3 40	21 38	1 49	3 51	0s 1	5 41	0 21	19 14	0 33	20 13	1 9	10 33	0 49	10 31	1 45	32 25	8 42	8 8	8 22	11 4			n.a.
S 18	17 10	27 53	4 23	21 13	1 51	3 19	0 5	5 24	0 21	19 15	0 33	20 14	1 9	10 34	0 49	10 30	1 45	32 25	8 42	8 7	8 21	11 7			n.a.
M19	16 53	28 37	4 51	20 46	1 51	2 47	0 8	5 7	0 20	19 17	0 33	20 15	1 9	10 35	0 49	10 30	1 45	32 25	8 42	8 4	8 20	11 10			n.a.
T 20	16 35	27 37	5 3	20 16	1 51	2 15	0 12	4 50	0 19	19 19	0 33	20 15	1 9	10 36	0 49	10 29	1 45	32 25	8 42	8 0	8 19	11 14			n.a.
W21	16 17	25 3	4 57	19 46	1 50	1 43	0 15	4 32	0 18	19 20	0 33	20 16	1 9	10 37	0 49	10 28	1 45	32 25	8 42	7 56	8 18	11 17			n.a.
T 22	15 59	21 13	4 36	19 13	1 48	1 11	0 19	4 15	0 18	19 22	0 33	20 17	1 9	10 37	0 49	10 27	1 45	32 25	8 42	7 51	8 16	11 20			n.a.
F 23	15 41	16 27	4 1	18 40	1 46	0 39	0 23	3 58	0 17	19 23	0 33	20 17	1 9	10 38	0 49	10 26	1 45	32 25	8 42	7 47	8 15	11 23			n.a.
S 24	15 22	11 5	3 15	18 5	1 44	0 7	0 26	3 40	0 16	19 25	0 33	20 18	1 9	10 39	0 49	10 25	1 45	32 24	8 42	7 44	8 14	11 26			n.a.
S 25	15 3	5 23	2 21	17 29	1 41	0s25	0 30	3 23	0 16	19 26	0 33	20 19	1 9	10 40	0 49	10 25	1 45	32 24	8 42	7 42	8 13	11 30			n.a.
M26	14 44	0s25	1 21	16 52	1 38	0 57	0 34	3 5	0 15	19 28	0 33	20 19	1 9	10 41	0 49	10 24	1 45	32 24	8 42	7 40	8 12	11 33			n.a.
T 27	14 25	6 8	0 18	16 14	1 34	1 29	0 37	2 47	0 14	19 29	0 33	20 20	1 9	10 42	0 49	10 23	1 45	32 24	8 42	7 40	8 10	11 36			n.a.
W28	14 5	11 35	0s46	15 35	1 30	2 1	0 41	2 30	0 13	19 31	0 33	20 21	1 9	10 43	0 49	10 22	1 45	32 24	8 41	7 40	8 9	11 39			n.a.
T 29	13 46	16 37	1 47	14 56	1 26	2 34	0 45	2 12	0 13	19 32	0 33	20 21	1 9	10 44	0 49	10 21	1 45	32 24	8 41	7 40	8 8	11 43			n.a.
F 30	13 25	21 4	2 44	14 15	1 21	3 5	0 49	1 54	0 12	19 33	0 33	20 22	1 9	10 44	0 49	10 20	1 45	32 24	8 41	7 41	8 7	11 46			n.a.
S 31	13n 5	24s42	3s35	13n34	1n16	3s37	0s53	1n37	0n11	19n34	0s33	20n22	1s 9	10s45	0s49	10n20	1n45	32s24	8s41	7n41	8n 5	11s49			n.a.

Julian Day Number = 1291005.5, Delta T = 07h59m13s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'28, Lahiri = -20°13'27 Julian Calendar 1 Aug. 1179 BCE == Greg. Calendar 21 July 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

SEPTEMBER 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 47	26♌55'13	15♐40	29♌39	8♎10	27♍ 9	28♉21	5♊11	4°R32	8♍ 2	5°R27	19°R16	20♈20	28♎40	n.a.	S 1
M 2	21 59 44	27°54'42	28°13	1♍21	9°21	27°51	28°26	5°14	4♓30	8° 4	5♑26	19♈12	20°17	28°46	n.a.	M 2
T 3	22 3 40	28°54'13	11♑ 8	3° 3	10°31	28°34	28°31	5°17	4°28	8° 6	5°26	19° 6	20°13	28°53	n.a.	T 3
W 4	22 7 37	29°53'45	24°27	4°43	11°41	29°17	28°36	5°20	4°25	8° 9	5°25	18°59	20°10	28°59	n.a.	W 4
T 5	22 11 33	0♍53'20	8♒12	6°23	12°52	29°59	28°40	5°23	4°23	8°11	5°24	18°50	20° 7	29° 6	n.a.	T 5
F 6	22 15 30	1°52'56	22°19	8° 2	14° 2	0♎42	28°44	5°25	4°20	8°13	5°24	18°43	20° 4	29°13	n.a.	F 6
S 7	22 19 27	2°52'35	6♓44	9°41	15°12	1°25	28°48	5°28	4°18	8°15	5°23	18°36	20° 1	29°19	n.a.	S 7
S 8	22 23 23	3°52'15	21°20	11°18	16°22	2° 8	28°52	5°30	4°15	8°18	5°22	18°31	19°57	29°26	n.a.	S 8
M 9	22 27 20	4°51'58	6♈ 2	12°55	17°32	2°51	28°56	5°32	4°13	8°20	5°22	18°29	19°54	29°33	n.a.	M 9
T 10	22 31 16	5°51'44	20°41	14°32	18°42	3°34	29° 0	5°35	4°11	8°22	5°21	18°D28	19°51	29°39	n.a.	T 10
W11	22 35 13	6°51'31	5♉13	16° 7	19°51	4°17	29° 3	5°37	4° 8	8°24	5°21	18°29	19°48	29°46	n.a.	W11
T 12	22 39 9	7°51'21	19°33	17°43	21° 1	5° 0	29° 6	5°39	4° 6	8°27	5°20	18°30	19°45	29°53	n.a.	T 12
F 13	22 43 6	8°51'14	3♊40	19°17	22°11	5°44	29° 9	5°41	4° 3	8°29	5°20	18°R31	19°42	29°59	n.a.	F 13
S 14	22 47 2	9°51'09	17°33	20°51	23°20	6°27	29°12	5°42	4° 1	8°31	5°19	18°31	19°38	0♏ 6	n.a.	S 14
S 15	22 50 59	10°51'06	1♋11	22°24	24°29	7°10	29°15	5°44	3°58	8°33	5°19	18°29	19°35	0°13	n.a.	S 15
M16	22 54 56	11°51'06	14°34	23°57	25°39	7°54	29°17	5°45	3°56	8°36	5°19	18°26	19°32	0°19	n.a.	M16
T 17	22 58 52	12°51'08	27°44	25°29	26°48	8°37	29°20	5°47	3°54	8°38	5°18	18°21	19°29	0°26	n.a.	T 17
W18	23 2 49	13°51'12	10♌40	27° 1	27°57	9°21	29°22	5°48	3°51	8°40	5°18	18°15	19°26	0°33	n.a.	W18
T 19	23 6 45	14°51'18	23°24	28°32	29° 6	10° 5	29°24	5°49	3°49	8°42	5°18	18° 9	19°23	0°39	n.a.	T 19
F 20	23 10 42	15°51'27	5♍54	0♎ 3	0♏15	10°48	29°25	5°50	3°46	8°44	5°17	18° 3	19°19	0°46	n.a.	F 20
S 21	23 14 38	16°51'37	18°13	1°33	1°24	11°32	29°27	5°51	3°44	8°47	5°17	17°59	19°16	0°52	n.a.	S 21
S 22	23 18 35	17°51'49	0♎21	3° 2	2°32	12°16	29°28	5°52	3°42	8°49	5°17	17°56	19°13	0°59	n.a.	S 22
M23	23 22 31	18°52'04	12°20	4°31	3°41	13° 0	29°29	5°53	3°39	8°51	5°17	17°D54	19°10	1° 6	n.a.	M23
T 24	23 26 28	19°52'20	24°12	6° 0	4°49	13°44	29°30	5°54	3°37	8°53	5°16	17°54	19° 7	1°12	n.a.	T 24
W25	23 30 24	20°52'38	5♏59	7°28	5°57	14°28	29°31	5°54	3°35	8°56	5°16	17°55	19° 3	1°19	n.a.	W25
T 26	23 34 21	21°52'57	17°45	8°55	7° 5	15°12	29°31	5°54	3°32	8°58	5°16	17°57	19° 0	1°26	n.a.	T 26
F 27	23 38 18	22°53'19	29°35	10°22	8°13	15°56	29°32	5°55	3°30	9° 0	5°16	17°59	18°57	1°32	n.a.	F 27
S 28	23 42 14	23°53'42	11♐33	11°48	9°21	16°40	29°R32	5°55	3°28	9° 2	5°16	18° 0	18°54	1°39	n.a.	S 28
S 29	23 46 11	24°54'06	23°44	13°13	10°29	17°24	29°32	5°R55	3°26	9° 4	5°16	18°R 1	18°51	1°46	n.a.	S 29
M30	23 50 7	25♍54'33	6♑13	14♎37	11♏37	18♎ 9	29♉31	5♊55	3♓24	9♍ 7	5°D16	18♈ 0	18♈48	1♏52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n45	27s18	4s17	12n53	1n11	4s 9	0s56	1n19	0n10	19n36	0s33	20n23	1s 9	10s46	0s49	10n19	1n45	32s24	8s41	7n40	8n 4	11s52		n.a.
M 2	12 24	28 37	4 47	12 11	1 6	4 41	1 0	1 1	0 10	19 37	0 33	20 23	1 10	10 47	0 49	10 18	1 45	32 24	8 41	7 38	8 3	11 56		n.a.
T 3	12 3	28 25	5 5	11 29	1 0	5 13	1 4	0 43	0 9	19 38	0 33	20 24	1 10	10 48	0 49	10 17	1 45	32 24	8 41	7 36	8 2	11 59		n.a.
W 4	11 42	26 36	5 6	10 47	0 54	5 44	1 8	0 25	0 8	19 39	0 33	20 24	1 10	10 49	0 50	10 16	1 45	32 24	8 41	7 33	8 1	12 2		n.a.
T 5	11 20	23 11	4 50	10 4	0 48	6 16	1 12	0 7	0 8	19 40	0 33	20 25	1 10	10 50	0 50	10 15	1 45	32 23	8 40	7 30	7 59	12 5		n.a.
F 6	10 59	18 20	4 17	9 21	0 42	6 47	1 16	0s11	0 7	19 41	0 33	20 25	1 10	10 51	0 50	10 15	1 45	32 23	8 40	7 27	7 58	12 8		n.a.
S 7	10 37	12 22	3 26	8 37	0 36	7 18	1 20	0 29	0 6	19 42	0 33	20 26	1 10	10 52	0 50	10 14	1 45	32 23	8 40	7 24	7 57	12 12		n.a.
S 8	10 15	5 39	2 22	7 54	0 30	7 49	1 23	0 47	0 5	19 43	0 32	20 26	1 10	10 53	0 50	10 13	1 45	32 23	8 40	7 23	7 56	12 15		n.a.
M 9	9 53	1n25	1 7	7 10	0 23	8 20	1 27	1 5	0 5	19 44	0 32	20 26	1 10	10 53	0 49	10 12	1 45	32 23	8 40	7 22	7 55	12 18		n.a.
T 10	9 31	8 23	0n12	6 27	0 17	8 50	1 31	1 23	0 4	19 44	0 32	20 27	1 10	10 54	0 49	10 11	1 45	32 23	8 40	7 21	7 53	12 21		n.a.
W11	9 8	14 53	1 30	5 43	0 10	9 21	1 35	1 41	0 3	19 45	0 32	20 27	1 10	10 55	0 49	10 10	1 45	32 23	8 40	7 22	7 52	12 24		n.a.
T 12	8 46	20 29	2 41	4 59	0 3	9 51	1 39	1 59	0 3	19 46	0 32	20 27	1 10	10 56	0 49	10 9	1 45	32 23	8 39	7 22	7 51	12 28		n.a.
F 13	8 23	24 51	3 41	4 15	0s 3	10 21	1 42	2 17	0 2	19 47	0 32	20 28	1 10	10 57	0 49	10 9	1 45	32 23	8 39	7 22	7 50	12 31		n.a.
S 14	8 0	27 40	4 27	3 32	0 10	10 51	1 46	2 35	0 1	19 47	0 32	20 28	1 10	10 58	0 49	10 8	1 45	32 22	8 39	7 22	7 48	12 34		n.a.
S 15	7 37	28 47	4 57	2 48	0 17	11 20	1 50	2 53	0 0	19 48	0 32	20 28	1 10	10 59	0 49	10 7	1 45	32 22	8 39	7 22	7 47	12 37		n.a.
M16	7 14	28 10	5 10	2 5	0 24	11 50	1 53	3 11	0s 0	19 48	0 32	20 28	1 10	11 0	0 49	10 6	1 45	32 22	8 39	7 20	7 46	12 40		n.a.
T 17	6 51	25 58	5 7	1 21	0 30	12 19	1 57	3 29	0 1	19 49	0 32	20 29	1 10	11 1	0 49	10 5	1 45	32 22	8 39	7 18	7 45	12 44		n.a.
W18	6 27	22 27	4 48	0 38	0 37	12 48	2 1	3 47	0 2	19 49	0 32	20 29	1 10	11 1	0 49	10 4	1 45	32 22	8 39	7 16	7 44	12 47		n.a.
T 19	6 4	17 56	4 15	0s 5	0 44	13 16	2 4	4 5	0 2	19 50	0 32	20 29	1 10	11 2	0 49	10 4	1 45	32 22	8 38	7 14	7 42	12 50		n.a.
F 20	5 40	12 44	3 30	0 47	0 51	13 44	2 8	4 23	0 3	19 50	0 32	20 29	1 10	11 3	0 49	10 3	1 45	32 22	8 38	7 12	7 41	12 53		n.a.
S 21	5 16	7 7	2 35	1 30	0 57	14 12	2 11	4 42	0 4	19 51	0 32	20 29	1 10	11 4	0 49	10 2	1 45	32 21	8 38	7 10	7 40	12 56		n.a.
S 22	4 52	1 18	1 35	2 12	1 4	14 40	2 15	5 0	0 4	19 51	0 32	20 29	1 10	11 5	0 49	10 1	1 45	32 21	8 38	7 9	7 39	13 0		n.a.
M23	4 29	4s29	0 31	2 54	1 10	15 7	2 18	5 18	0 5	19 51	0 32	20 30	1 10	11 6	0 49	10 0	1 45	32 21	8 38	7 8	7 37	13 3		n.a.
T 24	4 5	10 4	0s35	3 35	1 17	15 34	2 22	5 36	0 6	19 51	0 32	20 30	1 10	11 7	0 49	9 59	1 45	32 21	8 38	7 8	7 36	13 6		n.a.
W25	3 40	15 16	1 38	4 17	1 23	16 0	2 25	5 54	0 7	19 52	0 32	20 30	1 10	11 7	0 49	9 59	1 45	32 21	8 37	7 9	7 35	13 9		n.a.
T 26	3 16	19 55	2 37	4 57	1 29	16 26	2 28	6 12	0 7	19 52	0 32	20 30	1 10	11 8	0 49	9 58	1 45	32 21	8 37	7 9	7 34	13 12		n.a.
F 27	2 52	23 49	3 30	5 37	1 35	16 52	2 31	6 29	0 8	19 52	0 32	20 30	1 10	11 9	0 49	9 57	1 45	32 20	8 37	7 10	7 33	13 15		n.a.
S 28	2 28	26 44	4 14	6 17	1 41	17 17	2 35	6 47	0 9	19 52	0 32	20 30	1 10	11 10	0 49	9 56	1 45	32 20	8 37	7 11	7 31	13 19		n.a.
S 29	2 3	28 29	4 48	6 56	1 47	17 42	2 38	7 5	0 9	19 52	0 32	20 30	1 11	11 11	0 49	9 55	1 45	32 20	8 37	7 11	7 30	13 22		n.a.
M30	1n39	28s50	5s 9	7s35	1s53	18s 6	2s41	7s23	0s10	19n52	0s32	20n30	1s11	11s12	0s49	9n54	1n45	32s20	8s37	7n11	7n29	13s25		n.a.

Julian Day Number = 1291036.5, Delta T = 07h59m11s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'23, Lahiri = -20°13'23 Julian Calendar 1 Sept. 1179 BCE == Greg. Calendar 21 Aug. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

OCTOBER 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 4	26♍55'00	19♉ 4	16♎ 1	12♏44	18♎53	29°R31	5°R55	3°R21	9♍ 9	5♉16	17°R59	18♈44	1♏59	n.a.	T 1
W 2	23 58 0	27°55'29	2♒20	17°24	13°51	19°38	29♉30	5♊54	3♓19	9°11	5°16	17♈57	18°41	2° 6	n.a.	W 2
T 3	0 1 57	28°56'00	16° 4	18°46	14°58	20°22	29°29	5°54	3°17	9°13	5°16	17°54	18°38	2°12	n.a.	T 3
F 4	0 5 53	29°56'32	0♓14	20° 7	16° 5	21° 7	29°28	5°53	3°15	9°15	5°16	17°52	18°35	2°19	n.a.	F 4
S 5	0 9 50	0♎57'06	14°48	21°27	17°12	21°51	29°27	5°53	3°13	9°17	5°16	17°49	18°32	2°26	n.a.	S 5
S 6	0 13 47	1°57'41	29°41	22°46	18°18	22°36	29°25	5°52	3°11	9°19	5°17	17°48	18°29	2°32	n.a.	S 6
M 7	0 17 43	2°58'18	14♈43	24° 3	19°24	23°21	29°24	5°51	3° 9	9°21	5°17	17°D47	18°25	2°39	n.a.	M 7
T 8	0 21 40	3°58'56	29°47	25°19	20°31	24° 5	29°22	5°50	3° 7	9°24	5°17	17°47	18°22	2°46	n.a.	T 8
W 9	0 25 36	4°59'37	14♉43	26°33	21°36	24°50	29°20	5°49	3° 5	9°26	5°17	17°48	18°19	2°52	n.a.	W 9
T 10	0 29 33	6° 0'19	29°25	27°45	22°42	25°35	29°17	5°48	3° 3	9°28	5°17	17°49	18°16	2°59	n.a.	T 10
F 11	0 33 29	7° 1'03	13♊48	28°55	23°48	26°20	29°15	5°47	3° 1	9°30	5°18	17°50	18°13	3° 5	n.a.	F 11
S 12	0 37 26	8° 1'49	27°49	0♏ 2	24°53	27° 5	29°12	5°45	2°59	9°32	5°18	17°51	18° 9	3°12	n.a.	S 12
S 13	0 41 22	9° 2'37	11♋28	1° 7	25°58	27°50	29° 9	5°44	2°57	9°34	5°18	17°R51	18° 6	3°19	n.a.	S 13
M14	0 45 19	10° 3'26	24°45	2° 8	27° 3	28°35	29° 6	5°42	2°55	9°36	5°19	17°51	18° 3	3°25	n.a.	M14
T 15	0 49 16	11° 4'17	7♌42	3° 6	28° 7	29°20	29° 3	5°40	2°54	9°38	5°19	17°50	18° 0	3°32	n.a.	T 15
W16	0 53 12	12° 5'10	20°23	4° 0	29°11	0♏ 5	29° 0	5°39	2°52	9°40	5°20	17°49	17°57	3°39	n.a.	W16
T 17	0 57 9	13° 6'04	2♍49	4°49	0♐15	0°51	28°56	5°37	2°50	9°42	5°20	17°49	17°54	3°45	n.a.	T 17
F 18	1 1 5	14° 7'00	15° 3	5°32	1°19	1°36	28°52	5°35	2°48	9°44	5°21	17°48	17°50	3°52	n.a.	F 18
S 19	1 5 2	15° 7'57	27° 7	6°10	2°22	2°21	28°48	5°32	2°47	9°46	5°21	17°48	17°47	3°59	n.a.	S 19
S 20	1 8 58	16° 8'56	9♎ 5	6°41	3°26	3° 7	28°44	5°30	2°45	9°47	5°22	17°48	17°44	4° 5	n.a.	S 20
M21	1 12 55	17° 9'55	20°56	7° 4	4°28	3°52	28°40	5°28	2°44	9°49	5°22	17°D47	17°41	4°12	n.a.	M21
T 22	1 16 51	18°10'56	2♏45	7°20	5°31	4°38	28°35	5°25	2°42	9°51	5°23	17°R47	17°38	4°19	n.a.	T 22
W23	1 20 48	19°11'58	14°32	7°R26	6°33	5°23	28°30	5°23	2°41	9°53	5°23	17°47	17°34	4°25	n.a.	W23
T 24	1 24 45	20°13'02	26°20	7°22	7°35	6° 9	28°25	5°20	2°39	9°55	5°24	17°47	17°31	4°32	n.a.	T 24
F 25	1 28 41	21°14'06	8♐13	7° 8	8°36	6°55	28°20	5°17	2°38	9°57	5°25	17°47	17°28	4°39	n.a.	F 25
S 26	1 32 38	22°15'11	20°12	6°42	9°38	7°40	28°15	5°14	2°37	9°58	5°25	17°46	17°25	4°45	n.a.	S 26
S 27	1 36 34	23°16'17	2♑23	6° 6	10°38	8°26	28°10	5°11	2°35	10° 0	5°26	17°46	17°22	4°52	n.a.	S 27
M28	1 40 31	24°17'23	14°49	5°18	11°39	9°12	28° 4	5° 8	2°34	10° 2	5°27	17°45	17°19	4°59	n.a.	M28
T 29	1 44 27	25°18'30	27°33	4°20	12°39	9°58	27°58	5° 5	2°33	10° 4	5°28	17°D45	17°15	5° 5	n.a.	T 29
W30	1 48 24	26°19'38	10♒40	3°13	13°38	10°44	27°53	5° 2	2°32	10° 5	5°28	17°45	17°12	5°12	n.a.	W30
T 31	1 52 20	27♎20'47	24♒13	1♏59	14♐37	11♏29	27♉47	4♊59	2♓30	10♍ 7	5♉29	17♈46	17♈ 9	5♏18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n15	27s40	5s16	8s13	1s58	18s30	2s43	7s41	0s11	19n52	0s32	20n30	1s11	11s12	0s49	9n54	1n45	32s20	8s36	7n10	7n28	13s28			n.a.
W 2	0 50	24 55	5 6	8 50	2 3	18 54	2 46	7 59	0 11	19 52	0 32	20 29	1 11	11 13	0 49	9 53	1 45	32 20	8 36	7 9	7 26	13 31			n.a.
T 3	0 26	20 42	4 39	9 26	2 8	19 17	2 49	8 16	0 12	19 52	0 32	20 29	1 11	11 14	0 49	9 52	1 45	32 19	8 36	7 8	7 25	13 34			n.a.
F 4	0 1	15 12	3 54	10 2	2 13	19 40	2 52	8 34	0 13	19 51	0 32	20 29	1 11	11 15	0 49	9 51	1 45	32 19	8 36	7 7	7 24	13 37			n.a.
S 5	0s23	8 44	2 53	10 37	2 17	20 2	2 54	8 51	0 13	19 51	0 32	20 29	1 11	11 15	0 49	9 50	1 45	32 19	8 36	7 6	7 23	13 41			n.a.
S 6	0 48	1 38	1 39	11 10	2 21	20 23	2 57	9 9	0 14	19 51	0 32	20 29	1 11	11 16	0 49	9 50	1 45	32 19	8 36	7 6	7 21	13 44			n.a.
M 7	1 12	5n38	0 17	11 43	2 25	20 45	2 59	9 26	0 15	19 51	0 31	20 29	1 11	11 17	0 49	9 49	1 45	32 19	8 35	7 6	7 20	13 47			n.a.
T 8	1 37	12 36	1n 6	12 15	2 28	21 5	3 2	9 44	0 15	19 50	0 31	20 29	1 11	11 18	0 49	9 48	1 45	32 19	8 35	7 6	7 19	13 50			n.a.
W 9	2 1	18 49	2 24	12 45	2 31	21 25	3 4	10 1	0 16	19 50	0 31	20 28	1 11	11 18	0 49	9 47	1 46	32 18	8 35	7 6	7 18	13 53			n.a.
T 10	2 25	23 48	3 31	13 14	2 33	21 45	3 6	10 19	0 17	19 49	0 31	20 28	1 11	11 19	0 49	9 47	1 46	32 18	8 35	7 6	7 17	13 56			n.a.
F 11	2 50	27 11	4 23	13 41	2 35	22 4	3 8	10 36	0 17	19 49	0 31	20 28	1 11	11 20	0 49	9 46	1 46	32 18	8 35	7 7	7 15	13 59			n.a.
S 12	3 14	28 47	4 58	14 6	2 36	22 22	3 10	10 53	0 18	19 48	0 31	20 28	1 11	11 20	0 49	9 45	1 46	32 18	8 35	7 7	7 14	14 2			n.a.
S 13	3 39	28 34	5 15	14 30	2 37	22 40	3 12	11 10	0 19	19 48	0 31	20 27	1 11	11 21	0 49	9 44	1 46	32 18	8 34	7 7	7 13	14 6			n.a.
M14	4 3	26 42	5 15	14 52	2 37	22 58	3 14	11 27	0 19	19 47	0 31	20 27	1 11	11 22	0 49	9 44	1 46	32 18	8 34	7 7	7 12	14 9			n.a.
T 15	4 27	23 27	4 59	15 12	2 36	23 14	3 15	11 44	0 20	19 47	0 31	20 27	1 11	11 22	0 49	9 43	1 46	32 17	8 34	7 7	7 10	14 12			n.a.
W16	4 51	19 9	4 28	15 29	2 35	23 30	3 17	12 1	0 21	19 46	0 31	20 26	1 11	11 23	0 49	9 42	1 46	32 17	8 34	7 6	7 9	14 15			n.a.
T 17	5 15	14 8	3 45	15 43	2 32	23 46	3 18	12 17	0 21	19 45	0 31	20 26	1 11	11 23	0 49	9 41	1 46	32 17	8 34	7 6	7 8	14 18			n.a.
F 18	5 39	8 37	2 52	15 55	2 29	24 1	3 19	12 34	0 22	19 44	0 31	20 26	1 11	11 24	0 49	9 41	1 46	32 17	8 34	7 6	7 7	14 21			n.a.
S 19	6 3	2 53	1 52	16 4	2 24	24 15	3 20	12 51	0 23	19 43	0 31	20 25	1 11	11 25	0 49	9 40	1 46	32 17	8 33	7 6	7 5	14 24			n.a.
S 20	6 27	2s55	0 48	16 9	2 18	24 29	3 21	13 7	0 23	19 43	0 31	20 25	1 11	11 25	0 49	9 39	1 46	32 16	8 33	7 6	7 4	14 27			n.a.
M21	6 51	8 34	0s18	16 10	2 11	24 42	3 22	13 23	0 24	19 42	0 31	20 24	1 11	11 26	0 49	9 39	1 46	32 16	8 33	7 6	7 3	14 30			n.a.
T 22	7 15	13 55	1 22	16 7	2 3	24 54	3 23	13 40	0 25	19 41	0 31	20 24	1 11	11 26	0 49	9 38	1 46	32 16	8 33	7 6	7 2	14 33			n.a.
W23	7 38	18 45	2 23	15 59	1 53	25 6	3 24	13 56	0 25	19 40	0 30	20 23	1 11	11 27	0 49	9 37	1 46	32 16	8 33	7 6	7 1	14 37			n.a.
T 24	8 2	22 52	3 18	15 47	1 41	25 17	3 24	14 12	0 26	19 39	0 30	20 23	1 11	11 27	0 49	9 37	1 46	32 16	8 33	7 5	6 59	14 40			n.a.
F 25	8 25	26 4	4 5	15 30	1 28	25 28	3 24	14 28	0 26	19 38	0 30	20 22	1 11	11 28	0 49	9 36	1 46	32 15	8 32	7 5	6 58	14 43			n.a.
S 26	8 48	28 9	4 42	15 8	1 13	25 38	3 24	14 43	0 27	19 37	0 30	20 22	1 11	11 28	0 49	9 35	1 46	32 15	8 32	7 5	6 57	14 46			n.a.
S 27	9 11	28 55	5 6	14 40	0 57	25 47	3 24	14 59	0 28	19 35	0 30	20 21	1 11	11 29	0 49	9 35	1 46	32 15	8 32	7 5	6 56	14 49			n.a.
M28	9 34	28 15	5 17	14 7	0 39	25 55	3 24	15 15	0 28	19 34	0 30	20 21	1 11	11 29	0 49	9 34	1 46	32 15	8 32	7 5	6 54	14 52			n.a.
T 29	9 57	26 6	5 13	13 29	0 20	26 3	3 24	15 30	0 29	19 33	0 30	20 20	1 11	11 29	0 48	9 33	1 46	32 15	8 32	7 5	6 53	14 55			n.a.
W30	10 20	22 32	4 53	12 47	0n 0	26 10	3 23	15 45	0 30	19 32	0 30	20 20	1 11	11 30	0 48	9 33	1 46	32 15	8 32	7 5	6 52	14 58			n.a.
T 31	10s42	17s41	4s16	12s 2	0n21	26s17	3s22	16s 0	0s30	19n31	0s30	20n19	1s11	11s30	0s48	9n32	1n46	32s14	8s32	7n 5	6n51	15s 1			n.a.

Julian Day Number = 1291066.5, Delta T = 07h59m10s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'19, Lahiri = -20°13'19 Julian Calendar 1 Oct. 1179 BCE == Greg. Calendar 20 Sept. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

NOVEMBER 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 56 17	28♎21'55	8♓13	0°R39	15♐36	12♏15	27°R40	4°R55	2°R29	10♍ 9	5♑30	17♈47	17♈ 6	5♏25	n.a.	F 1
S 2	2 0 14	29°23'05	22°40	29♎16	16°34	13° 1	27♉34	4♊52	2♓28	10°10	5°31	17°48	17° 3	5°32	n.a.	S 2
S 3	2 4 10	0♏24'15	7♈29	27°53	17°31	13°47	27°28	4°48	2°27	10°12	5°32	17°49	17° 0	5°38	n.a.	S 3
M 4	2 8 7	1°25'25	22°36	26°34	18°28	14°34	27°21	4°44	2°26	10°13	5°33	17°R49	16°56	5°45	n.a.	M 4
T 5	2 12 3	2°26'37	7♉52	25°20	19°25	15°20	27°14	4°41	2°26	10°15	5°34	17°48	16°53	5°52	n.a.	T 5
W 6	2 16 0	3°27'49	23° 5	24°13	20°21	16° 6	27° 8	4°37	2°25	10°17	5°35	17°47	16°50	5°58	n.a.	W 6
T 7	2 19 56	4°29'01	8♊ 8	23°16	21°16	16°52	27° 1	4°33	2°24	10°18	5°36	17°45	16°47	6° 5	n.a.	T 7
F 8	2 23 53	5°30'15	22°50	22°29	22°11	17°38	26°54	4°29	2°23	10°20	5°37	17°42	16°44	6°12	n.a.	F 8
S 9	2 27 49	6°31'29	7♋ 7	21°53	23° 5	18°25	26°46	4°25	2°22	10°21	5°38	17°40	16°40	6°18	n.a.	S 9
S 10	2 31 46	7°32'44	20°56	21°28	23°58	19°11	26°39	4°21	2°22	10°22	5°39	17°38	16°37	6°25	n.a.	S 10
M11	2 35 43	8°34'00	4♌18	21°14	24°51	19°57	26°32	4°17	2°21	10°24	5°40	17°D37	16°34	6°32	n.a.	M11
T 12	2 39 39	9°35'17	17°15	21°D11	25°43	20°44	26°24	4°13	2°21	10°25	5°41	17°38	16°31	6°38	n.a.	T 12
W13	2 43 36	10°36'34	29°49	21°17	26°34	21°30	26°17	4° 8	2°20	10°26	5°42	17°39	16°28	6°45	n.a.	W13
T 14	2 47 32	11°37'51	12♍ 7	21°32	27°24	22°17	26° 9	4° 4	2°20	10°28	5°43	17°40	16°25	6°52	n.a.	T 14
F 15	2 51 29	12°39'09	24°11	21°56	28°14	23° 3	26° 2	3°59	2°19	10°29	5°44	17°42	16°21	6°58	n.a.	F 15
S 16	2 55 25	13°40'28	6♎ 6	22°26	29° 3	23°50	25°54	3°55	2°19	10°30	5°46	17°44	16°18	7° 5	n.a.	S 16
S 17	2 59 22	14°41'47	17°56	23° 4	29°51	24°36	25°46	3°50	2°19	10°32	5°47	17°R44	16°15	7°12	n.a.	S 17
M18	3 3 19	15°43'06	29°43	23°47	0♑38	25°23	25°38	3°46	2°18	10°33	5°48	17°43	16°12	7°18	n.a.	M18
T 19	3 7 15	16°44'25	11♏30	24°35	1°24	26°10	25°30	3°41	2°18	10°34	5°49	17°41	16° 9	7°25	n.a.	T 19
W20	3 11 12	17°45'45	23°20	25°28	2° 9	26°56	25°22	3°37	2°18	10°35	5°50	17°37	16° 6	7°32	n.a.	W20
T 21	3 15 8	18°47'05	5♐14	26°26	2°53	27°43	25°14	3°32	2°18	10°36	5°52	17°32	16° 2	7°38	n.a.	T 21
F 22	3 19 5	19°48'24	17°14	27°26	3°36	28°30	25° 6	3°27	2°D18	10°37	5°53	17°26	15°59	7°45	n.a.	F 22
S 23	3 23 1	20°49'44	29°22	28°30	4°18	29°17	24°58	3°22	2°18	10°38	5°54	17°20	15°56	7°52	n.a.	S 23
S 24	3 26 58	21°51'03	11♑39	29°37	4°59	0♐ 4	24°50	3°18	2°18	10°39	5°56	17°14	15°53	7°58	n.a.	S 24
M25	3 30 54	22°52'22	24° 9	0♏47	5°38	0°50	24°42	3°13	2°18	10°40	5°57	17° 9	15°50	8° 5	n.a.	M25
T 26	3 34 51	23°53'40	6♒53	1°58	6°17	1°37	24°34	3° 8	2°18	10°41	5°59	17° 6	15°46	8°12	n.a.	T 26
W27	3 38 48	24°54'58	19°55	3°12	6°54	2°24	24°26	3° 3	2°19	10°42	6° 0	17°D 4	15°43	8°18	n.a.	W27
T 28	3 42 44	25°56'15	3♓17	4°28	7°29	3°11	24°17	2°58	2°19	10°43	6° 1	17° 4	15°40	8°25	n.a.	T 28
F 29	3 46 41	26°57'32	17° 2	5°45	8° 3	3°58	24° 9	2°53	2°19	10°44	6° 3	17° 6	15°37	8°32	n.a.	F 29
S 30	3 50 37	27♏58'48	1♈11	7♏ 3	8♑36	4♐45	24♉ 1	2♊48	2♓20	10♍45	6♑ 4	17♈ 7	15♈34	8♏38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 4	11s45	3s23	11s15	0n41	26s23	3s22	16s15	0s31	19n29	0s30	20n19	1s11	11s31	0s48	9n32	1n46	32s14	8s31	7n 5	6n49	15s 4		n.a.
S 2	11 26	5 1	2 15	10 26	1 1	26 28	3 20	16 30	0 31	19 28	0 30	20 18	1 11	11 31	0 48	9 31	1 47	32 14	8 31	7 6	6 48	15 7		n.a.
S 3	11 48	2n 9	0 57	9 39	1 21	26 33	3 19	16 45	0 32	19 26	0 30	20 17	1 11	11 31	0 48	9 31	1 47	32 14	8 31	7 6	6 47	15 10		n.a.
M 4	12 10	9 21	0n27	8 53	1 39	26 37	3 18	16 59	0 33	19 25	0 29	20 17	1 11	11 32	0 48	9 30	1 47	32 14	8 31	7 6	6 46	15 13		n.a.
T 5	12 31	16 4	1 49	8 11	1 55	26 40	3 16	17 14	0 33	19 24	0 29	20 16	1 11	11 32	0 48	9 29	1 47	32 13	8 31	7 6	6 44	15 16		n.a.
W 6	12 53	21 48	3 3	7 33	2 9	26 42	3 14	17 28	0 34	19 22	0 29	20 15	1 11	11 32	0 48	9 29	1 47	32 13	8 31	7 5	6 43	15 19		n.a.
T 7	13 14	26 2	4 4	7 1	2 21	26 44	3 12	17 42	0 34	19 21	0 29	20 15	1 11	11 32	0 48	9 28	1 47	32 13	8 31	7 4	6 42	15 23		n.a.
F 8	13 34	28 25	4 47	6 34	2 31	26 46	3 10	17 56	0 35	19 19	0 29	20 14	1 11	11 33	0 48	9 28	1 47	32 13	8 30	7 4	6 41	15 26		n.a.
S 9	13 55	28 49	5 11	6 13	2 38	26 46	3 7	18 10	0 36	19 18	0 29	20 13	1 11	11 33	0 48	9 27	1 47	32 13	8 30	7 3	6 40	15 29		n.a.
S 10	14 15	27 22	5 15	5 59	2 44	26 46	3 5	18 23	0 36	19 16	0 29	20 12	1 11	11 33	0 48	9 27	1 47	32 12	8 30	7 2	6 38	15 32		n.a.
M11	14 36	24 24	5 3	5 50	2 48	26 46	3 2	18 37	0 37	19 14	0 29	20 12	1 11	11 33	0 48	9 26	1 47	32 12	8 30	7 2	6 37	15 35		n.a.
T 12	14 55	20 17	4 35	5 47	2 50	26 44	2 59	18 50	0 37	19 13	0 28	20 11	1 11	11 33	0 48	9 26	1 47	32 12	8 30	7 2	6 36	15 38		n.a.
W13	15 15	15 22	3 54	5 49	2 50	26 43	2 55	19 3	0 38	19 11	0 28	20 10	1 11	11 33	0 48	9 25	1 47	32 12	8 30	7 2	6 35	15 41		n.a.
T 14	15 34	9 57	3 4	5 55	2 49	26 40	2 52	19 16	0 38	19 9	0 28	20 9	1 11	11 34	0 48	9 25	1 47	32 12	8 30	7 3	6 33	15 44		n.a.
F 15	15 54	4 16	2 6	6 6	2 48	26 37	2 48	19 28	0 39	19 8	0 28	20 9	1 10	11 34	0 48	9 24	1 47	32 12	8 29	7 4	6 32	15 47		n.a.
S 16	16 12	1s29	1 4	6 20	2 45	26 34	2 44	19 41	0 39	19 6	0 28	20 8	1 10	11 34	0 48	9 24	1 47	32 11	8 29	7 4	6 31	15 50		n.a.
S 17	16 31	7 10	0s 1	6 38	2 41	26 29	2 39	19 53	0 40	19 4	0 28	20 7	1 10	11 34	0 48	9 24	1 47	32 11	8 29	7 4	6 30	15 53		n.a.
M18	16 49	12 34	1 5	6 58	2 36	26 25	2 34	20 5	0 41	19 2	0 28	20 6	1 10	11 34	0 48	9 23	1 47	32 11	8 29	7 4	6 28	15 56		n.a.
T 19	17 7	17 32	2 7	7 21	2 31	26 19	2 30	20 17	0 41	19 1	0 28	20 5	1 10	11 34	0 48	9 23	1 47	32 11	8 29	7 3	6 27	15 59		n.a.
W20	17 25	21 52	3 3	7 46	2 25	26 14	2 24	20 28	0 42	18 59	0 27	20 5	1 10	11 34	0 48	9 22	1 48	32 11	8 29	7 2	6 26	16 2		n.a.
T 21	17 42	25 19	3 51	8 12	2 19	26 7	2 19	20 40	0 42	18 57	0 27	20 4	1 10	11 34	0 48	9 22	1 48	32 11	8 29	7 0	6 25	16 5		n.a.
F 22	17 59	27 41	4 30	8 41	2 12	26 0	2 13	20 51	0 43	18 55	0 27	20 3	1 10	11 34	0 48	9 22	1 48	32 10	8 29	6 57	6 23	16 8		n.a.
S 23	18 16	28 46	4 56	9 10	2 6	25 53	2 7	21 2	0 43	18 53	0 27	20 2	1 10	11 34	0 47	9 21	1 48	32 10	8 29	6 55	6 22	16 11		n.a.
S 24	18 32	28 28	5 10	9 41	1 58	25 45	2 1	21 13	0 44	18 51	0 27	20 1	1 10	11 34	0 47	9 21	1 48	32 10	8 29	6 53	6 21	16 14		n.a.
M25	18 48	26 42	5 9	10 12	1 51	25 37	1 54	21 23	0 44	18 50	0 27	20 0	1 10	11 34	0 47	9 21	1 48	32 10	8 28	6 51	6 20	16 17		n.a.
T 26	19 3	23 35	4 53	10 44	1 44	25 28	1 47	21 34	0 45	18 48	0 27	19 59	1 10	11 34	0 47	9 20	1 48	32 10	8 28	6 49	6 18	16 20		n.a.
W27	19 19	19 13	4 22	11 17	1 36	25 19	1 40	21 44	0 45	18 46	0 26	19 59	1 10	11 34	0 47	9 20	1 48	32 10	8 28	6 49	6 17	16 23		n.a.
T 28	19 34	13 49	3 36	11 50	1 28	25 9	1 32	21 53	0 46	18 44	0 26	19 58	1 10	11 33	0 47	9 20	1 48	32 9	8 28	6 49	6 16	16 26		n.a.
F 29	19 48	7 36	2 36	12 24	1 20	24 59	1 24	22 3	0 46	18 42	0 26	19 57	1 9	11 33	0 47	9 20	1 48	32 9	8 28	6 49	6 15	16 29		n.a.
S 30	20s 2	0s49	1s26	12s57	1n13	24s49	1s16	22s12	0s47	18n40	0s26	19n56	1s 9	11s33	0s47	9n19	1n48	32s 9	8s28	6n50	6n13	16s32		n.a.

Julian Day Number = 1291097.5, Delta T = 07h59m08s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'15, Lahiri = -20°13'15 Julian Calendar 1 Nov. 1179 BCE == Greg. Calendar 21 Oct. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1179 BCE
geocentric

DECEMBER 1179 BCE (-1178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 34	29♏ 0'03	15♈44	8♏23	9♑ 7	5♐32	23°R53	2°R43	2♓20	10♍45	6♑ 6	17°R 8	15♈31	8♏45	n.a.	S 1
M 2	3 58 30	0♐ 1'18	0♉37	9°44	9°37	6°19	23♉45	2♊38	2°20	10°46	6° 7	17♈ 7	15°27	8°51	n.a.	M 2
T 3	4 2 27	1° 2'32	15°43	11° 6	10° 4	7° 6	23°37	2°33	2°21	10°47	6° 9	17° 4	15°24	8°58	n.a.	T 3
W 4	4 6 24	2° 3'46	0♊55	12°29	10°30	7°53	23°29	2°28	2°22	10°48	6°10	16°59	15°21	9° 5	n.a.	W 4
T 5	4 10 20	3° 4'59	16° 3	13°53	10°55	8°40	23°21	2°23	2°22	10°48	6°12	16°53	15°18	9°11	n.a.	T 5
F 6	4 14 17	4° 6'12	0♋55	15°18	11°17	9°27	23°13	2°18	2°23	10°49	6°13	16°45	15°15	9°18	n.a.	F 6
S 7	4 18 13	5° 7'24	15°24	16°43	11°37	10°14	23° 6	2°13	2°24	10°49	6°15	16°37	15°12	9°25	n.a.	S 7
S 8	4 22 10	6° 8'36	29°25	18°10	11°56	11° 2	22°58	2° 8	2°24	10°50	6°16	16°30	15° 8	9°31	n.a.	S 8
M 9	4 26 6	7° 9'47	12♌57	19°37	12°12	11°49	22°50	2° 4	2°25	10°50	6°18	16°26	15° 5	9°38	n.a.	M 9
T 10	4 30 3	8°10'58	26° 0	21° 4	12°26	12°36	22°42	1°59	2°26	10°51	6°20	16°23	15° 2	9°45	n.a.	T 10
W11	4 34 0	9°12'08	8♍37	22°33	12°38	13°23	22°35	1°54	2°27	10°51	6°21	16°D22	14°59	9°51	n.a.	W11
T 12	4 37 56	10°13'18	20°55	24° 2	12°48	14°10	22°28	1°49	2°28	10°52	6°23	16°22	14°56	9°58	n.a.	T 12
F 13	4 41 53	11°14'27	2♎56	25°32	12°56	14°57	22°20	1°44	2°29	10°52	6°24	16°23	14°52	10° 5	n.a.	F 13
S 14	4 45 49	12°15'35	14°48	27° 2	13° 1	15°45	22°13	1°39	2°30	10°53	6°26	16°R24	14°49	10°11	n.a.	S 14
S 15	4 49 46	13°16'43	26°35	28°33	13° 4	16°32	22° 6	1°34	2°31	10°53	6°28	16°23	14°46	10°18	n.a.	S 15
M16	4 53 42	14°17'50	8♏21	0♐ 5	13°R 4	17°19	21°59	1°29	2°33	10°53	6°29	16°21	14°43	10°25	n.a.	M16
T 17	4 57 39	15°18'56	20°10	1°37	13° 2	18° 7	21°52	1°25	2°34	10°53	6°31	16°15	14°40	10°31	n.a.	T 17
W18	5 1 35	16°20'02	2♐ 5	3°10	12°57	18°54	21°45	1°20	2°35	10°54	6°33	16° 7	14°37	10°38	n.a.	W18
T 19	5 5 32	17°21'06	14° 8	4°43	12°50	19°41	21°38	1°15	2°37	10°54	6°34	15°57	14°33	10°45	n.a.	T 19
F 20	5 9 29	18°22'09	26°20	6°17	12°40	20°28	21°32	1°11	2°38	10°54	6°36	15°45	14°30	10°51	n.a.	F 20
S 21	5 13 25	19°23'12	8♑41	7°52	12°28	21°16	21°25	1° 6	2°39	10°54	6°38	15°32	14°27	10°58	n.a.	S 21
S 22	5 17 22	20°24'13	21°13	9°27	12°13	22° 3	21°19	1° 1	2°41	10°54	6°40	15°20	14°24	11° 5	n.a.	S 22
M23	5 21 18	21°25'12	3♒56	11° 3	11°56	22°50	21°13	0°57	2°42	10°54	6°41	15°10	14°21	11°11	n.a.	M23
T 24	5 25 15	22°26'10	16°51	12°40	11°36	23°38	21° 7	0°52	2°44	10°R54	6°43	15° 2	14°18	11°18	n.a.	T 24
W25	5 29 11	23°27'07	29°58	14°17	11°14	24°25	21° 1	0°48	2°46	10°54	6°45	14°57	14°14	11°25	n.a.	W25
T 26	5 33 8	24°28'02	13♓20	15°55	10°50	25°12	20°55	0°44	2°47	10°54	6°47	14°55	14°11	11°31	n.a.	T 26
F 27	5 37 4	25°28'55	26°58	17°34	10°23	26° 0	20°50	0°39	2°49	10°54	6°48	14°D54	14° 8	11°38	n.a.	F 27
S 28	5 41 1	26°29'46	10♈53	19°14	9°55	26°47	20°44	0°35	2°51	10°54	6°50	14°R55	14° 5	11°45	n.a.	S 28
S 29	5 44 58	27°30'36	25° 7	20°54	9°25	27°35	20°39	0°31	2°53	10°54	6°52	14°54	14° 2	11°51	n.a.	S 29
M30	5 48 54	28°31'25	9♉37	22°35	8°53	28°22	20°34	0°27	2°54	10°53	6°54	14°52	13°58	11°58	n.a.	M30
T 31	5 52 51	29♐32'11	24♉21	24♐17	8♑19	29♐ 9	20♉29	0♊23	2♓56	10♍53	6♑55	14♈48	13♈55	12♏ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s16	6n11	0s 8	13s31	1n 5	24s38	1s 8	22s21	0s47	18n38	0s26	19n55	1s 9	11s33	0s47	9n19	1n48	32s 9	8s28	6n50	6n12	16s34			n.a.
M 2	20 29	13 0	1n13	14 4	0 57	24 27	0 59	22 30	0 48	18 37	0 26	19 54	1 9	11 33	0 47	9 19	1 48	32 9	8 28	6 50	6 11	16 37			n.a.
T 3	20 42	19 11	2 29	14 38	0 49	24 16	0 49	22 39	0 48	18 35	0 25	19 53	1 9	11 32	0 47	9 19	1 48	32 9	8 28	6 49	6 10	16 40			n.a.
W 4	20 55	24 11	3 34	15 11	0 41	24 4	0 40	22 47	0 49	18 33	0 25	19 52	1 9	11 32	0 47	9 18	1 48	32 9	8 28	6 47	6 8	16 43			n.a.
T 5	21 7	27 29	4 25	15 44	0 34	23 52	0 30	22 55	0 49	18 31	0 25	19 52	1 9	11 32	0 47	9 18	1 49	32 8	8 28	6 44	6 7	16 46			n.a.
F 6	21 19	28 46	4 56	16 17	0 26	23 40	0 19	23 3	0 50	18 29	0 25	19 51	1 9	11 32	0 47	9 18	1 49	32 8	8 28	6 41	6 6	16 49			n.a.
S 7	21 30	28 1	5 8	16 49	0 18	23 28	0 9	23 11	0 50	18 27	0 25	19 50	1 9	11 31	0 47	9 18	1 49	32 8	8 28	6 38	6 5	16 52			n.a.
S 8	21 41	25 30	5 0	17 21	0 11	23 15	0n 2	23 18	0 50	18 25	0 25	19 49	1 9	11 31	0 47	9 18	1 49	32 8	8 27	6 36	6 4	16 55			n.a.
M 9	21 52	21 36	4 36	17 52	0 3	23 2	0 14	23 25	0 51	18 24	0 24	19 48	1 8	11 31	0 47	9 18	1 49	32 8	8 27	6 34	6 2	16 58			n.a.
T 10	22 2	16 47	3 58	18 23	0s 4	22 49	0 26	23 32	0 51	18 22	0 24	19 47	1 8	11 30	0 47	9 18	1 49	32 8	8 27	6 33	6 1	17 1			n.a.
W11	22 12	11 23	3 9	18 53	0 11	22 36	0 38	23 38	0 52	18 20	0 24	19 46	1 8	11 30	0 47	9 17	1 49	32 8	8 27	6 32	6 0	17 4			n.a.
T 12	22 21	5 41	2 13	19 23	0 18	22 22	0 50	23 45	0 52	18 18	0 24	19 45	1 8	11 29	0 47	9 17	1 49	32 7	8 27	6 32	5 59	17 7			n.a.
F 13	22 30	0s 6	1 12	19 52	0 25	22 9	1 3	23 51	0 53	18 17	0 24	19 45	1 8	11 29	0 47	9 17	1 49	32 7	8 27	6 33	5 57	17 10			n.a.
S 14	22 38	5 48	0 9	20 20	0 32	21 55	1 16	23 56	0 53	18 15	0 24	19 44	1 8	11 29	0 47	9 17	1 49	32 7	8 27	6 33	5 56	17 13			n.a.
S 15	22 46	11 16	0s54	20 47	0 38	21 42	1 30	24 2	0 53	18 13	0 23	19 43	1 8	11 28	0 47	9 17	1 49	32 7	8 27	6 33	5 55	17 15			n.a.
M16	22 54	16 20	1 55	21 14	0 45	21 28	1 44	24 7	0 54	18 12	0 23	19 42	1 8	11 28	0 47	9 17	1 49	32 7	8 27	6 32	5 54	17 18			n.a.
T 17	23 1	20 49	2 50	21 39	0 51	21 14	1 58	24 12	0 54	18 10	0 23	19 41	1 7	11 27	0 46	9 17	1 49	32 7	8 27	6 30	5 52	17 21			n.a.
W18	23 7	24 30	3 39	22 4	0 57	21 0	2 12	24 16	0 55	18 8	0 23	19 40	1 7	11 27	0 46	9 17	1 49	32 7	8 27	6 27	5 51	17 24			n.a.
T 19	23 13	27 9	4 18	22 28	1 3	20 47	2 26	24 21	0 55	18 7	0 23	19 39	1 7	11 26	0 46	9 17	1 49	32 7	8 27	6 23	5 50	17 27			n.a.
F 20	23 19	28 33	4 46	22 50	1 8	20 33	2 41	24 25	0 55	18 5	0 22	19 39	1 7	11 26	0 46	9 17	1 50	32 7	8 27	6 18	5 49	17 30			n.a.
S 21	23 24	28 33	5 0	23 12	1 14	20 19	2 56	24 28	0 56	18 4	0 22	19 38	1 7	11 25	0 46	9 17	1 50	32 6	8 27	6 13	5 47	17 33			n.a.
S 22	23 29	27 5	5 1	23 32	1 19	20 6	3 11	24 32	0 56	18 2	0 22	19 37	1 7	11 24	0 46	9 17	1 50	32 6	8 27	6 8	5 46	17 36			n.a.
M23	23 33	24 14	4 47	23 51	1 24	19 52	3 26	24 35	0 57	18 1	0 22	19 36	1 7	11 24	0 46	9 17	1 50	32 6	8 27	6 4	5 45	17 39			n.a.
T 24	23 37	20 8	4 18	24 9	1 28	19 39	3 41	24 38	0 57	17 59	0 22	19 35	1 6	11 23	0 46	9 17	1 50	32 6	8 27	6 1	5 44	17 41			n.a.
W25	23 40	15 1	3 35	24 26	1 33	19 26	3 56	24 40	0 57	17 58	0 21	19 35	1 6	11 23	0 46	9 17	1 50	32 6	8 27	5 59	5 42	17 44			n.a.
T 26	23 43	9 6	2 39	24 41	1 37	19 13	4 11	24 42	0 58	17 57	0 21	19 34	1 6	11 22	0 46	9 17	1 50	32 6	8 27	5 58	5 41	17 47			n.a.
F 27	23 45	2 39	1 34	24 55	1 41	19 0	4 26	24 44	0 58	17 55	0 21	19 33	1 6	11 21	0 46	9 17	1 50	32 6	8 27	5 58	5 40	17 50			n.a.
S 28	23 47	4n 3	0 21	25 7	1 44	18 48	4 41	24 46	0 58	17 54	0 21	19 32	1 6	11 21	0 46	9 18	1 50	32 6	8 27	5 58	5 39	17 53			n.a.
S 29	23 49	10 43	0n54	25 18	1 47	18 36	4 55	24 47	0 59	17 53	0 21	19 32	1 6	11 20	0 46	9 18	1 50	32 6	8 27	5 58	5 37	17 56			n.a.
M30	23 50	16 56	2 7	25 28	1 50	18 24	5 9	24 49	0 59	17 52	0 20	19 31	1 5	11 19	0 46	9 18	1 50	32 6	8 27	5 57	5 36	17 59			n.a.
T 31	23s50	22n17	3n13	25s35	1s53	18s12	5n23	24s49	0s59	17n51	0s20	19n30	1s 5	11s18	0s46	9n18	1n50	32s 6	8s27	5n55	5n35	18s 1			n.a.

Julian Day Number = 1291127.5, Delta T = 07h59m06s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'11, Lahiri = -20°13'11 Julian Calendar 1 Dec. 1179 BCE == Greg. Calendar 20 Nov. 1179 BCE

The year -1178 astronomical counting style corresponds to year 1179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

JANUARY 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 56 47	0♉32'56	9♊13	25♐59	7°R44	29♐57	20°R25	0°R19	2♓58	10°R53	6♉57	14°R40	13♈52	12♏11	n.a.	W 1
T 2	6 0 44	1°33'39	24° 5	27°43	7♉ 8	0♉44	20♉20	0♊15	3° 0	10♍53	6°59	14♈30	13°49	12°18	n.a.	T 2
F 3	6 4 40	2°34'21	8♋48	29°27	6°31	1°31	20°16	0°11	3° 2	10°52	7° 1	14°18	13°46	12°25	n.a.	F 3
S 4	6 8 37	3°35'01	23°14	1♉12	5°54	2°19	20°12	0° 8	3° 4	10°52	7° 2	14° 6	13°43	12°31	n.a.	S 4
S 5	6 12 34	4°35'40	7♌17	2°58	5°17	3° 6	20° 8	0° 4	3° 6	10°51	7° 4	13°55	13°39	12°38	n.a.	S 5
M 6	6 16 30	5°36'17	20°53	4°45	4°39	3°53	20° 4	0° 0	3° 9	10°51	7° 6	13°47	13°36	12°45	n.a.	M 6
T 7	6 20 27	6°36'53	4♍ 1	6°32	4° 1	4°41	20° 0	29♉57	3°11	10°51	7° 8	13°40	13°33	12°51	n.a.	T 7
W 8	6 24 23	7°37'27	16°44	8°20	3°25	5°28	19°57	29°53	3°13	10°50	7° 9	13°37	13°30	12°58	n.a.	W 8
T 9	6 28 20	8°37'59	29° 5	10° 9	2°48	6°15	19°53	29°50	3°15	10°50	7°11	13°36	13°27	13° 5	n.a.	T 9
F 10	6 32 16	9°38'31	11♎ 9	11°59	2°13	7° 3	19°50	29°47	3°17	10°49	7°13	13°35	13°24	13°11	n.a.	F 10
S 11	6 36 13	10°39'00	23° 3	13°50	1°39	7°50	19°47	29°44	3°20	10°48	7°15	13°35	13°20	13°18	n.a.	S 11
S 12	6 40 9	11°39'29	4♏51	15°41	1° 7	8°37	19°45	29°41	3°22	10°48	7°17	13°34	13°17	13°25	n.a.	S 12
M13	6 44 6	12°39'55	16°38	17°33	0°36	9°24	19°42	29°38	3°25	10°47	7°18	13°31	13°14	13°31	n.a.	M13
T 14	6 48 3	13°40'20	28°30	19°25	0° 7	10°12	19°40	29°35	3°27	10°46	7°20	13°24	13°11	13°38	n.a.	T 14
W15	6 51 59	14°40'44	10♐30	21°18	29♐39	10°59	19°38	29°32	3°30	10°46	7°22	13°15	13° 8	13°45	n.a.	W15
T 16	6 55 56	15°41'06	22°42	23°11	29°14	11°46	19°36	29°29	3°32	10°45	7°24	13° 4	13° 4	13°51	n.a.	T 16
F 17	6 59 52	16°41'26	5♉ 6	25° 4	28°51	12°34	19°34	29°27	3°35	10°44	7°25	12°50	13° 1	13°58	n.a.	F 17
S 18	7 3 49	17°41'44	17°44	26°57	28°31	13°21	19°33	29°24	3°37	10°43	7°27	12°36	12°58	14° 5	n.a.	S 18
S 19	7 7 45	18°42'00	0♒35	28°49	28°12	14° 8	19°31	29°22	3°40	10°43	7°29	12°23	12°55	14°11	n.a.	S 19
M20	7 11 42	19°42'15	13°39	0♒41	27°57	14°55	19°30	29°20	3°42	10°42	7°31	12°11	12°52	14°18	n.a.	M20
T 21	7 15 38	20°42'27	26°53	2°33	27°43	15°42	19°29	29°18	3°45	10°41	7°32	12° 2	12°49	14°25	n.a.	T 21
W22	7 19 35	21°42'37	10♓18	4°23	27°32	16°30	19°28	29°16	3°48	10°40	7°34	11°56	12°45	14°31	n.a.	W22
T 23	7 23 32	22°42'44	23°53	6°11	27°24	17°17	19°28	29°14	3°51	10°39	7°36	11°52	12°42	14°38	n.a.	T 23
F 24	7 27 28	23°42'50	7♈37	7°57	27°18	18° 4	19°28	29°12	3°53	10°38	7°38	11°D51	12°39	14°45	n.a.	F 24
S 25	7 31 25	24°42'53	21°32	9°41	27°14	18°51	19°D28	29°10	3°56	10°37	7°39	11°R51	12°36	14°51	n.a.	S 25
S 26	7 35 21	25°42'54	5♉36	11°22	27°D13	19°38	19°28	29° 8	3°59	10°36	7°41	11°51	12°33	14°58	n.a.	S 26
M27	7 39 18	26°42'52	19°49	12°59	27°14	20°25	19°28	29° 7	4° 2	10°35	7°43	11°49	12°30	15° 5	n.a.	M27
T 28	7 43 14	27°42'48	4♊10	14°32	27°18	21°12	19°28	29° 5	4° 5	10°34	7°44	11°45	12°26	15°11	n.a.	T 28
W29	7 47 11	28°42'42	18°36	16° 0	27°23	21°59	19°29	29° 4	4° 8	10°33	7°46	11°38	12°23	15°18	n.a.	W29
T 30	7 51 7	29°42'33	3♋ 1	17°24	27°32	22°46	19°30	29° 3	4°11	10°32	7°48	11°29	12°20	15°25	n.a.	T 30
F 31	7 55 4	0♒42'23	17♋20	18♒41	27♐42	23♉33	19♉31	29♉ 2	4♓14	10♍31	7♉50	11♈18	12♈17	15♏31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s50	26n15	4n 6	25 s41	1 s55	18 s 1	5n36	24 s50	1 s 0	17n49	0 s20	19n30	1 s 5	11 s18	0 s46	9n18	1n50	32 s 6	8 s27	5n52	5n34	18 s 4			n.a.
T 2	23 50	28 24	4 42	25 46	1 57	17 51	5 48	24 50	1 0	17 48	0 20	19 29	1 5	11 17	0 46	9 18	1 50	32 5	8 27	5 48	5 32	18 7			n.a.
F 3	23 49	28 31	4 59	25 48	1 58	17 40	6 0	24 50	1 0	17 47	0 20	19 28	1 5	11 16	0 46	9 19	1 50	32 5	8 27	5 44	5 31	18 10			n.a.
S 4	23 47	26 40	4 57	25 49	1 59	17 31	6 12	24 49	1 0	17 46	0 19	19 28	1 5	11 15	0 46	9 19	1 51	32 5	8 27	5 39	5 30	18 13			n.a.
S 5	23 45	23 12	4 37	25 48	2 0	17 22	6 22	24 49	1 1	17 46	0 19	19 27	1 4	11 15	0 46	9 19	1 51	32 5	8 27	5 35	5 29	18 16			n.a.
M 6	23 43	18 34	4 1	25 45	2 0	17 13	6 32	24 48	1 1	17 45	0 19	19 27	1 4	11 14	0 46	9 19	1 51	32 5	8 27	5 31	5 27	18 18			n.a.
T 7	23 40	13 11	3 13	25 40	2 0	17 5	6 41	24 46	1 1	17 44	0 19	19 26	1 4	11 13	0 46	9 19	1 51	32 5	8 28	5 29	5 26	18 21			n.a.
W 8	23 37	7 25	2 17	25 33	1 59	16 58	6 50	24 45	1 2	17 43	0 19	19 25	1 4	11 12	0 46	9 20	1 51	32 5	8 28	5 28	5 25	18 24			n.a.
T 9	23 33	1 32	1 16	25 24	1 58	16 51	6 57	24 43	1 2	17 42	0 18	19 25	1 4	11 11	0 46	9 20	1 51	32 5	8 28	5 27	5 24	18 27			n.a.
F 10	23 29	4 s17	0 13	25 12	1 56	16 45	7 4	24 41	1 2	17 42	0 18	19 24	1 3	11 10	0 46	9 20	1 51	32 5	8 28	5 27	5 22	18 30			n.a.
S 11	23 24	9 52	0 s50	24 59	1 53	16 40	7 10	24 38	1 2	17 41	0 18	19 24	1 3	11 9	0 46	9 20	1 51	32 5	8 28	5 27	5 21	18 32			n.a.
S 12	23 19	15 4	1 50	24 43	1 50	16 35	7 15	24 35	1 3	17 41	0 18	19 23	1 3	11 9	0 46	9 21	1 51	32 5	8 28	5 26	5 20	18 35			n.a.
M13	23 13	19 43	2 45	24 26	1 47	16 32	7 19	24 32	1 3	17 40	0 18	19 23	1 3	11 8	0 46	9 21	1 51	32 5	8 28	5 25	5 18	18 38			n.a.
T 14	23 7	23 37	3 34	24 6	1 43	16 28	7 22	24 29	1 3	17 40	0 18	19 23	1 3	11 7	0 45	9 21	1 51	32 5	8 28	5 23	5 17	18 41			n.a.
W15	23 1	26 34	4 13	23 44	1 38	16 26	7 24	24 25	1 3	17 39	0 17	19 22	1 3	11 6	0 45	9 22	1 51	32 5	8 28	5 19	5 16	18 44			n.a.
T 16	22 54	28 19	4 41	23 20	1 32	16 24	7 26	24 21	1 3	17 39	0 17	19 22	1 2	11 5	0 45	9 22	1 51	32 5	8 28	5 14	5 15	18 46			n.a.
F 17	22 46	28 41	4 57	22 53	1 26	16 23	7 27	24 17	1 4	17 39	0 17	19 21	1 2	11 4	0 45	9 22	1 51	32 5	8 28	5 9	5 13	18 49			n.a.
S 18	22 39	27 34	4 58	22 25	1 19	16 23	7 27	24 13	1 4	17 38	0 17	19 21	1 2	11 3	0 45	9 23	1 51	32 5	8 28	5 4	5 12	18 52			n.a.
S 19	22 30	24 59	4 45	21 54	1 12	16 23	7 26	24 8	1 4	17 38	0 17	19 21	1 2	11 2	0 45	9 23	1 51	32 5	8 28	4 58	5 11	18 55			n.a.
M20	22 22	21 5	4 16	21 22	1 4	16 24	7 25	24 3	1 4	17 38	0 16	19 20	1 2	11 1	0 45	9 24	1 52	32 5	8 29	4 53	5 10	18 57			n.a.
T 21	22 13	16 5	3 34	20 48	0 55	16 26	7 23	23 58	1 4	17 38	0 16	19 20	1 1	11 0	0 45	9 24	1 52	32 5	8 29	4 50	5 8	19 0			n.a.
W22	22 3	10 16	2 38	20 13	0 45	16 28	7 21	23 52	1 4	17 38	0 16	19 20	1 1	10 59	0 45	9 24	1 52	32 5	8 29	4 47	5 7	19 3			n.a.
T 23	21 53	3 54	1 34	19 36	0 35	16 31	7 18	23 46	1 5	17 38	0 16	19 20	1 1	10 58	0 45	9 25	1 52	32 5	8 29	4 46	5 6	19 6			n.a.
F 24	21 43	2n44	0 22	18 58	0 24	16 34	7 14	23 40	1 5	17 38	0 16	19 19	1 1	10 57	0 45	9 25	1 52	32 5	8 29	4 46	5 5	19 8			n.a.
S 25	21 32	9 19	0n51	18 19	0 12	16 38	7 10	23 33	1 5	17 38	0 15	19 19	1 1	10 56	0 45	9 26	1 52	32 5	8 29	4 46	5 3	19 11			n.a.
S 26	21 21	15 31	2 2	17 39	0n 0	16 42	7 6	23 27	1 5	17 39	0 15	19 19	1 0	10 55	0 45	9 26	1 52	32 5	8 29	4 46	5 2	19 14			n.a.
M27	21 10	20 58	3 7	16 59	0 13	16 47	7 1	23 20	1 5	17 39	0 15	19 19	1 0	10 54	0 45	9 27	1 52	32 5	8 29	4 45	5 1	19 17			n.a.
T 28	20 58	25 15	4 0	16 19	0 27	16 52	6 56	23 13	1 5	17 39	0 15	19 19	1 0	10 52	0 45	9 27	1 52	32 5	8 30	4 43	5 0	19 19			n.a.
W29	20 46	27 57	4 38	15 40	0 41	16 58	6 51	23 5	1 5	17 39	0 15	19 19	1 0	10 51	0 45	9 27	1 52	32 5	8 30	4 41	4 58	19 22			n.a.
T 30	20 33	28 46	4 58	15 1	0 55	17 4	6 45	22 57	1 6	17 40	0 15	19 19	1 0	10 50	0 45	9 28	1 52	32 5	8 30	4 37	4 57	19 25			n.a.
F 31	20 s20	27n39	5n 0	14 s23	1n 9	17 s10	6n39	22 s49	1 s 6	17n40	0 s14	19n19	0 s59	10 s49	0 s45	9n28	1n52	32 s 5	8 s30	4n32	4n56	19 s27			n.a.

Julian Day Number = 1291158.5, Delta T = 07h59m05s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'07, Lahiri = -20°13'06 Julian Calendar 1 Jan. 1178 BCE == Greg. Calendar 21 Dec. 1179 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

FEBRUARY 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 1	1♒42'10	1♌26	19♒53	27♐55	24♑20	19♉32	29°R 1	4♓17	10°R29	7♑51	11°R 6	12♈14	15♏38	n.a.	S 1
S 2	8 2 57	2°41'55	15°15	20°57	28° 9	25° 7	19°34	29♉ 0	4°20	10♍28	7°53	10♈56	12°10	15°45	n.a.	S 2
M 3	8 6 54	3°41'37	28°43	21°55	28°26	25°54	19°35	28°59	4°23	10°27	7°54	10°47	12° 7	15°51	n.a.	M 3
T 4	8 10 50	4°41'18	11♍47	22°45	28°44	26°41	19°37	28°58	4°26	10°26	7°56	10°41	12° 4	15°58	n.a.	T 4
W 5	8 14 47	5°40'57	24°30	23°27	29° 5	27°28	19°39	28°58	4°29	10°24	7°58	10°38	12° 1	16° 5	n.a.	W 5
T 6	8 18 43	6°40'34	6♎53	24° 1	29°27	28°15	19°41	28°57	4°32	10°23	7°59	10°D36	11°58	16°11	n.a.	T 6
F 7	8 22 40	7°40'08	18°59	24°27	29°52	29° 1	19°44	28°57	4°35	10°22	8° 1	10°37	11°55	16°18	n.a.	F 7
S 8	8 26 36	8°39'41	0♏55	24°45	0♑18	29°48	19°46	28°57	4°38	10°21	8° 2	10°37	11°51	16°25	n.a.	S 8
S 9	8 30 33	9°39'12	12°45	24°54	0°45	0♒35	19°49	28°D57	4°41	10°19	8° 4	10°R37	11°48	16°31	n.a.	S 9
M10	8 34 29	10°38'42	24°35	24°R55	1°14	1°22	19°52	28°57	4°44	10°18	8° 6	10°36	11°45	16°38	n.a.	M10
T 11	8 38 26	11°38'09	6♐29	24°48	1°45	2° 8	19°55	28°57	4°48	10°17	8° 7	10°33	11°42	16°45	n.a.	T 11
W12	8 42 23	12°37'34	18°33	24°33	2°17	2°55	19°58	28°57	4°51	10°15	8° 9	10°27	11°39	16°51	n.a.	W12
T 13	8 46 19	13°36'58	0♑51	24°11	2°50	3°42	20° 2	28°58	4°54	10°14	8°10	10°20	11°35	16°58	n.a.	T 13
F 14	8 50 16	14°36'19	13°24	23°43	3°25	4°28	20° 5	28°58	4°57	10°12	8°12	10°11	11°32	17° 5	n.a.	F 14
S 15	8 54 12	15°35'39	26°15	23° 8	4° 1	5°15	20° 9	28°59	5° 1	10°11	8°13	10° 1	11°29	17°11	n.a.	S 15
S 16	8 58 9	16°34'56	9♒24	22°29	4°39	6° 1	20°13	28°59	5° 4	10° 9	8°15	9°51	11°26	17°18	n.a.	S 16
M17	9 2 5	17°34'11	22°49	21°45	5°17	6°48	20°17	29° 0	5° 7	10° 8	8°16	9°42	11°23	17°25	n.a.	M17
T 18	9 6 2	18°33'24	6♓28	20°57	5°57	7°34	20°22	29° 1	5°10	10° 6	8°17	9°36	11°20	17°31	n.a.	T 18
W19	9 9 58	19°32'34	20°18	20° 8	6°38	8°21	20°26	29° 2	5°14	10° 5	8°19	9°32	11°16	17°38	n.a.	W19
T 20	9 13 55	20°31'42	4♈16	19°17	7°20	9° 7	20°31	29° 3	5°17	10° 3	8°20	9°D31	11°13	17°45	n.a.	T 20
F 21	9 17 52	21°30'48	18°20	18°26	8° 2	9°54	20°36	29° 4	5°20	10° 2	8°22	9°31	11°10	17°51	n.a.	F 21
S 22	9 21 48	22°29'51	2♉27	17°36	8°46	10°40	20°41	29° 6	5°24	10° 0	8°23	9°32	11° 7	17°58	n.a.	S 22
S 23	9 25 45	23°28'52	16°36	16°48	9°31	11°26	20°46	29° 7	5°27	9°59	8°24	9°R33	11° 4	18° 5	n.a.	S 23
M24	9 29 41	24°27'51	0♊45	16° 2	10°16	12°12	20°51	29° 9	5°30	9°57	8°26	9°33	11° 1	18°11	n.a.	M24
T 25	9 33 38	25°26'47	14°53	15°19	11° 3	12°59	20°57	29°10	5°34	9°56	8°27	9°31	10°57	18°18	n.a.	T 25
W26	9 37 34	26°25'41	28°57	14°41	11°50	13°45	21° 3	29°12	5°37	9°54	8°28	9°28	10°54	18°25	n.a.	W26
T 27	9 41 31	27°24'32	12♋56	14° 6	12°38	14°31	21° 8	29°14	5°41	9°53	8°30	9°22	10°51	18°32	n.a.	T 27
F 28	9 45 27	28♒23'21	26♋47	13♒37	13♑27	15♒17	21♉14	29♉16	5♓44	9♍51	8♑31	9♈16	10♈48	18♏38	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 7	24n46	4n43	13s47	1n23	17s17	6n32	22s41	1s 6	17n41	0s14	19n19	0s59	10s48	0s45	9n29	1n52	32s 5	8s30	4n28	4n55	19s30		n.a.
S 2	19 53	20 30	4 10	13 12	1 38	17 24	6 26	22 33	1 6	17 41	0 14	19 19	0 59	10 47	0 45	9 29	1 52	32 5	8 30	4 24	4 53	19 33		n.a.
M 3	19 39	15 17	3 23	12 40	1 52	17 31	6 19	22 24	1 6	17 42	0 14	19 19	0 59	10 46	0 45	9 30	1 52	32 5	8 30	4 20	4 52	19 36		n.a.
T 4	19 25	9 31	2 27	12 10	2 7	17 38	6 12	22 15	1 6	17 43	0 14	19 19	0 59	10 45	0 45	9 30	1 52	32 5	8 31	4 18	4 51	19 38		n.a.
W 5	19 10	3 31	1 25	11 43	2 20	17 45	6 5	22 6	1 6	17 43	0 13	19 19	0 58	10 43	0 45	9 31	1 52	32 5	8 31	4 16	4 50	19 41		n.a.
T 6	18 55	2s28	0 20	11 19	2 34	17 52	5 58	21 56	1 6	17 44	0 13	19 19	0 58	10 42	0 45	9 32	1 52	32 5	8 31	4 16	4 48	19 44		n.a.
F 7	18 39	8 15	0s45	10 59	2 46	18 0	5 51	21 46	1 6	17 45	0 13	19 19	0 58	10 41	0 45	9 32	1 52	32 5	8 31	4 16	4 47	19 46		n.a.
S 8	18 24	13 39	1 46	10 41	2 58	18 7	5 43	21 36	1 6	17 46	0 13	19 19	0 58	10 40	0 45	9 33	1 52	32 5	8 31	4 16	4 46	19 49		n.a.
S 9	18 8	18 30	2 43	10 28	3 9	18 15	5 36	21 26	1 6	17 47	0 13	19 19	0 58	10 39	0 45	9 33	1 53	32 6	8 31	4 16	4 45	19 52		n.a.
M10	17 51	22 40	3 33	10 19	3 19	18 22	5 28	21 16	1 6	17 48	0 13	19 19	0 57	10 37	0 45	9 34	1 53	32 6	8 32	4 16	4 43	19 54		n.a.
T 11	17 35	25 54	4 13	10 13	3 28	18 29	5 20	21 5	1 6	17 49	0 12	19 20	0 57	10 36	0 45	9 34	1 53	32 6	8 32	4 15	4 42	19 57		n.a.
W12	17 18	28 2	4 43	10 11	3 35	18 37	5 13	20 54	1 6	17 50	0 12	19 20	0 57	10 35	0 45	9 35	1 53	32 6	8 32	4 12	4 41	20 0		n.a.
T 13	17 1	28 51	5 1	10 13	3 40	18 44	5 5	20 43	1 6	17 51	0 12	19 20	0 57	10 34	0 45	9 35	1 53	32 6	8 32	4 9	4 39	20 2		n.a.
F 14	16 43	28 12	5 5	10 19	3 44	18 51	4 57	20 32	1 6	17 52	0 12	19 21	0 57	10 33	0 45	9 36	1 53	32 6	8 32	4 6	4 38	20 5		n.a.
S 15	16 26	26 3	4 53	10 28	3 46	18 57	4 49	20 21	1 6	17 53	0 12	19 21	0 56	10 31	0 45	9 37	1 53	32 6	8 32	4 2	4 37	20 8		n.a.
S 16	16 8	22 28	4 26	10 41	3 47	19 4	4 41	20 9	1 6	17 55	0 12	19 21	0 56	10 30	0 45	9 37	1 53	32 6	8 33	3 58	4 36	20 10		n.a.
M17	15 49	17 39	3 44	10 56	3 45	19 11	4 33	19 57	1 6	17 56	0 11	19 22	0 56	10 29	0 45	9 38	1 53	32 6	8 33	3 54	4 34	20 13		n.a.
T 18	15 31	11 53	2 48	11 15	3 42	19 17	4 26	19 45	1 6	17 57	0 11	19 22	0 56	10 28	0 45	9 38	1 53	32 6	8 33	3 52	4 33	20 15		n.a.
W19	15 12	5 28	1 42	11 35	3 37	19 23	4 18	19 33	1 6	17 59	0 11	19 22	0 56	10 26	0 45	9 39	1 53	32 6	8 33	3 50	4 32	20 18		n.a.
T 20	14 53	1n17	0 28	11 58	3 30	19 28	4 10	19 20	1 6	18 0	0 11	19 23	0 55	10 25	0 45	9 40	1 53	32 7	8 33	3 50	4 31	20 21		n.a.
F 21	14 34	8 2	0n47	12 21	3 22	19 34	4 2	19 8	1 6	18 1	0 11	19 23	0 55	10 24	0 45	9 40	1 53	32 7	8 34	3 50	4 29	20 23		n.a.
S 22	14 15	14 24	2 1	12 46	3 12	19 39	3 54	18 55	1 6	18 3	0 11	19 24	0 55	10 23	0 45	9 41	1 53	32 7	8 34	3 50	4 28	20 26		n.a.
S 23	13 55	20 3	3 7	13 12	3 1	19 43	3 47	18 42	1 6	18 5	0 10	19 24	0 55	10 21	0 45	9 41	1 53	32 7	8 34	3 51	4 27	20 28		n.a.
M24	13 35	24 34	4 1	13 37	2 48	19 48	3 39	18 28	1 6	18 6	0 10	19 25	0 55	10 20	0 45	9 42	1 53	32 7	8 34	3 51	4 26	20 31		n.a.
T 25	13 15	27 37	4 41	14 3	2 35	19 52	3 31	18 15	1 6	18 8	0 10	19 25	0 54	10 19	0 45	9 43	1 53	32 7	8 35	3 50	4 24	20 34		n.a.
W26	12 55	28 54	5 4	14 27	2 21	19 55	3 24	18 2	1 6	18 9	0 10	19 26	0 54	10 18	0 45	9 43	1 53	32 7	8 35	3 49	4 23	20 36		n.a.
T 27	12 34	28 19	5 8	14 51	2 6	19 58	3 16	17 48	1 6	18 11	0 10	19 27	0 54	10 16	0 45	9 44	1 53	32 7	8 35	3 46	4 22	20 39		n.a.
F 28	12s14	25n58	4n55	15s14	1n51	20s 1	3n 9	17s34	1s 6	18n13	0s10	19n27	0s54	10s15	0s45	9n45	1n53	32s 8	8s35	3n44	4n21	20s41		n.a.

Julian Day Number = 1291189.5, Delta T = 07h59m03s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°20'03, Lahiri = -20°13'02 Julian Calendar 1 Feb. 1178 BCE == Greg. Calendar 21 Jan. 1178 BCE

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

MARCH 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 24	29♒22'07	10♌26	13°R13	14♉17	16♒ 3	21♉21	29♉18	5♓47	9°R49	8♉32	9°R 9	10♈45	18♏45	n.a.	S 1
S 2	9 53 20	0♓20'51	23°51	12♒54	15° 7	16°49	21°27	29°20	5°51	9♍48	8°33	9♈ 3	10°41	18°52	n.a.	S 2
M 3	9 57 17	1°19'33	6♍59	12°40	15°58	17°35	21°33	29°23	5°54	9°46	8°35	8°58	10°38	18°58	n.a.	M 3
T 4	10 1 14	2°18'13	19°50	12°32	16°49	18°21	21°40	29°25	5°58	9°45	8°36	8°55	10°35	19° 5	n.a.	T 4
W 5	10 5 10	3°16'51	2♎24	12°D29	17°42	19° 7	21°47	29°28	6° 1	9°43	8°37	8°53	10°32	19°12	n.a.	W 5
T 6	10 9 7	4°15'27	14°43	12°32	18°35	19°53	21°53	29°30	6° 4	9°41	8°38	8°D53	10°29	19°18	n.a.	T 6
F 7	10 13 3	5°14'01	26°48	12°40	19°28	20°38	22° 0	29°33	6° 8	9°40	8°39	8°54	10°26	19°25	n.a.	F 7
S 8	10 17 0	6°12'33	8♏45	12°53	20°22	21°24	22° 8	29°36	6°11	9°38	8°40	8°56	10°22	19°32	n.a.	S 8
S 9	10 20 56	7°11'04	20°36	13°10	21°17	22°10	22°15	29°39	6°15	9°36	8°41	8°57	10°19	19°38	n.a.	S 9
M10	10 24 53	8° 9'32	2♐27	13°33	22°12	22°56	22°22	29°42	6°18	9°35	8°42	8°58	10°16	19°45	n.a.	M10
T 11	10 28 49	9° 7'59	14°22	13°59	23° 7	23°41	22°30	29°45	6°22	9°33	8°43	8°R59	10°13	19°52	n.a.	T 11
W12	10 32 46	10° 6'25	26°27	14°30	24° 3	24°27	22°38	29°48	6°25	9°31	8°44	8°57	10°10	19°58	n.a.	W12
T 13	10 36 43	11° 4'48	8♑46	15° 6	25° 0	25°12	22°45	29°51	6°28	9°30	8°45	8°55	10° 7	20° 5	n.a.	T 13
F 14	10 40 39	12° 3'10	21°23	15°45	25°57	25°58	22°53	29°55	6°32	9°28	8°46	8°51	10° 3	20°12	n.a.	F 14
S 15	10 44 36	13° 1'30	4♒20	16°28	26°54	26°43	23° 1	29°58	6°35	9°27	8°47	8°48	10° 0	20°18	n.a.	S 15
S 16	10 48 32	13°59'48	17°39	17°14	27°52	27°29	23°10	0♊ 2	6°39	9°25	8°48	8°44	9°57	20°25	n.a.	S 16
M17	10 52 29	14°58'05	1♓19	18° 4	28°50	28°14	23°18	0° 5	6°42	9°23	8°49	8°40	9°54	20°32	n.a.	M17
T 18	10 56 25	15°56'19	15°19	18°57	29°49	28°59	23°26	0° 9	6°45	9°22	8°50	8°38	9°51	20°38	n.a.	T 18
W19	11 0 22	16°54'32	29°33	19°53	0♒48	29°45	23°35	0°13	6°49	9°20	8°51	8°37	9°47	20°45	n.a.	W19
T 20	11 4 18	17°52'42	13♈58	20°53	1°47	0♓30	23°44	0°17	6°52	9°18	8°52	8°D36	9°44	20°52	n.a.	T 20
F 21	11 8 15	18°50'51	28°28	21°55	2°47	1°15	23°53	0°21	6°56	9°17	8°52	8°37	9°41	20°58	n.a.	F 21
S 22	11 12 11	19°48'58	12♉58	23° 0	3°47	2° 0	24° 1	0°25	6°59	9°15	8°53	8°38	9°38	21° 5	n.a.	S 22
S 23	11 16 8	20°47'02	27°24	24° 7	4°47	2°45	24°11	0°29	7° 2	9°14	8°54	8°40	9°35	21°12	n.a.	S 23
M24	11 20 5	21°45'05	11♊41	25°17	5°48	3°30	24°20	0°34	7° 6	9°12	8°55	8°40	9°32	21°18	n.a.	M24
T 25	11 24 1	22°43'06	25°48	26°30	6°49	4°15	24°29	0°38	7° 9	9°10	8°55	8°R41	9°28	21°25	n.a.	T 25
W26	11 27 58	23°41'04	9♋43	27°45	7°50	5° 0	24°38	0°42	7°12	9° 9	8°56	8°40	9°25	21°32	n.a.	W26
T 27	11 31 54	24°39'00	23°24	29° 2	8°52	5°45	24°48	0°47	7°16	9° 7	8°57	8°39	9°22	21°38	n.a.	T 27
F 28	11 35 51	25°36'55	6♌52	0♓22	9°54	6°30	24°57	0°52	7°19	9° 6	8°57	8°37	9°19	21°45	n.a.	F 28
S 29	11 39 47	26°34'47	20° 6	1°43	10°56	7°14	25° 7	0°56	7°22	9° 4	8°58	8°36	9°16	21°52	n.a.	S 29
S 30	11 43 44	27°32'38	3♍ 6	3° 7	11°58	7°59	25°17	1° 1	7°25	9° 3	8°59	8°34	9°13	21°59	n.a.	S 30
M31	11 47 40	28♓30'27	15♍52	4♓34	13♒ 1	8♓44	25♉27	1♊ 6	7♓29	9♍ 1	8♉59	8♈33	9♈ 9	22♏ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s53	22n 9	4n25	15s36	1n36	20s 3	3n 1	17s20	1s 6	18n15	0s 9	19n28	0s54	10s14	0s45	9n45	1n53	32s 8	8s36	3n41	4n19	20s44		n.a.
S 2	11 32	17 15	3 40	15 56	1 20	20 5	2 54	17 6	1 6	18 17	0 9	19 29	0 53	10 12	0 45	9 46	1 53	32 8	8 36	3 39	4 18	20 47		n.a.
M 3	11 11	11 38	2 45	16 15	1 5	20 7	2 46	16 51	1 5	18 18	0 9	19 29	0 53	10 11	0 45	9 47	1 53	32 8	8 36	3 37	4 17	20 49		n.a.
T 4	10 50	5 39	1 42	16 32	0 50	20 8	2 39	16 37	1 5	18 20	0 9	19 30	0 53	10 10	0 45	9 47	1 53	32 8	8 36	3 35	4 15	20 52		n.a.
W 5	10 28	0s26	0 35	16 47	0 35	20 8	2 32	16 22	1 5	18 22	0 9	19 31	0 53	10 9	0 45	9 48	1 53	32 8	8 36	3 35	4 14	20 54		n.a.
T 6	10 7	6 23	0s32	17 0	0 20	20 8	2 24	16 7	1 5	18 24	0 9	19 31	0 53	10 7	0 45	9 48	1 53	32 9	8 37	3 35	4 13	20 57		n.a.
F 7	9 45	12 0	1 36	17 12	0 6	20 8	2 17	15 53	1 5	18 26	0 9	19 32	0 52	10 6	0 45	9 49	1 53	32 9	8 37	3 35	4 12	20 59		n.a.
S 8	9 23	17 6	2 36	17 21	0s 8	20 7	2 10	15 37	1 5	18 28	0 8	19 33	0 52	10 5	0 45	9 50	1 53	32 9	8 37	3 36	4 10	21 2		n.a.
S 9	9 1	21 32	3 28	17 29	0 21	20 6	2 3	15 22	1 5	18 30	0 8	19 34	0 52	10 3	0 45	9 50	1 53	32 9	8 37	3 36	4 9	21 4		n.a.
M10	8 39	25 7	4 12	17 34	0 34	20 4	1 56	15 7	1 5	18 32	0 8	19 35	0 52	10 2	0 45	9 51	1 53	32 9	8 38	3 37	4 8	21 7		n.a.
T 11	8 17	27 37	4 45	17 38	0 46	20 1	1 50	14 51	1 4	18 34	0 8	19 35	0 52	10 1	0 45	9 52	1 53	32 9	8 38	3 37	4 7	21 9		n.a.
W12	7 54	28 53	5 6	17 40	0 58	19 58	1 43	14 36	1 4	18 36	0 8	19 36	0 51	10 0	0 45	9 52	1 53	32 10	8 38	3 36	4 5	21 12		n.a.
T 13	7 32	28 45	5 13	17 40	1 9	19 55	1 36	14 20	1 4	18 39	0 8	19 37	0 51	9 58	0 45	9 53	1 53	32 10	8 38	3 35	4 4	21 14		n.a.
F 14	7 9	27 8	5 6	17 38	1 19	19 50	1 30	14 4	1 4	18 41	0 8	19 38	0 51	9 57	0 45	9 54	1 53	32 10	8 39	3 34	4 3	21 17		n.a.
S 15	6 47	24 4	4 43	17 34	1 29	19 46	1 23	13 48	1 4	18 43	0 7	19 39	0 51	9 56	0 45	9 54	1 53	32 10	8 39	3 32	4 2	21 19		n.a.
S 16	6 24	19 40	4 4	17 29	1 38	19 41	1 17	13 32	1 3	18 45	0 7	19 40	0 51	9 55	0 45	9 55	1 53	32 10	8 39	3 31	4 0	21 22		n.a.
M17	6 1	14 9	3 11	17 21	1 46	19 35	1 11	13 16	1 3	18 48	0 7	19 41	0 51	9 53	0 45	9 55	1 53	32 11	8 40	3 30	3 59	21 24		n.a.
T 18	5 38	7 48	2 5	17 12	1 54	19 29	1 4	13 0	1 3	18 50	0 7	19 42	0 50	9 52	0 45	9 56	1 53	32 11	8 40	3 29	3 58	21 27		n.a.
W19	5 15	0 56	0 50	17 0	2 1	19 22	0 58	12 44	1 3	18 52	0 7	19 43	0 50	9 51	0 45	9 57	1 53	32 11	8 40	3 28	3 56	21 29		n.a.
T 20	4 52	6n 3	0n30	16 47	2 8	19 15	0 52	12 27	1 3	18 54	0 7	19 44	0 50	9 49	0 45	9 57	1 53	32 11	8 40	3 28	3 55	21 32		n.a.
F 21	4 29	12 47	1 47	16 32	2 14	19 7	0 46	12 11	1 2	18 57	0 7	19 45	0 50	9 48	0 45	9 58	1 53	32 11	8 41	3 28	3 54	21 34		n.a.
S 22	4 6	18 49	2 58	16 16	2 19	18 58	0 40	11 54	1 2	18 59	0 6	19 46	0 50	9 47	0 45	9 58	1 53	32 12	8 41	3 29	3 53	21 37		n.a.
S 23	3 43	23 45	3 58	15 57	2 24	18 50	0 35	11 37	1 2	19 2	0 6	19 47	0 49	9 46	0 45	9 59	1 53	32 12	8 41	3 29	3 51	21 39		n.a.
M24	3 19	27 13	4 42	15 37	2 28	18 40	0 29	11 21	1 2	19 4	0 6	19 48	0 49	9 44	0 45	10 0	1 53	32 12	8 41	3 30	3 50	21 42		n.a.
T 25	2 56	28 54	5 8	15 15	2 31	18 30	0 23	11 4	1 1	19 6	0 6	19 49	0 49	9 43	0 45	10 0	1 53	32 12	8 42	3 30	3 49	21 44		n.a.
W26	2 33	28 43	5 16	14 52	2 34	18 19	0 18	10 47	1 1	19 9	0 6	19 50	0 49	9 42	0 45	10 1	1 53	32 13	8 42	3 30	3 48	21 47		n.a.
T 27	2 10	26 47	5 6	14 26	2 36	18 8	0 13	10 30	1 1	19 11	0 6	19 52	0 49	9 41	0 45	10 2	1 53	32 13	8 42	3 29	3 46	21 49		n.a.
F 28	1 46	23 21	4 38	13 59	2 38	17 57	0 7	10 13	1 1	19 14	0 6	19 53	0 49	9 39	0 45	10 2	1 53	32 13	8 43	3 28	3 45	21 51		n.a.
S 29	1 23	18 46	3 57	13 30	2 39	17 45	0 2	9 56	1 0	19 16	0 5	19 54	0 48	9 38	0 45	10 3	1 53	32 13	8 43	3 28	3 44	21 54		n.a.
S 30	1 0	13 23	3 4	13 0	2 40	17 32	0s 3	9 38	1 0	19 19	0 5	19 55	0 48	9 37	0 45	10 3	1 53	32 13	8 43	3 27	3 42	21 56		n.a.
M31	0s36	7n32	2n 2	12s28	2s39	17s19	0s 8	9s21	1s 0	19n21	0s 5	19n56	0s48	9s36	0s45	10n 4	1n53	32s14	8s43	3n27	3n41	21s59		n.a.

Julian Day Number = 1291217.5, Delta T = 07h59m02s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'59, Lahiri = -20°12'58 Julian Calendar 1 March 1178 BCE == Greg. Calendar 18 Feb. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

APRIL 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 37	29♓28'14	28♍25	6♓ 2	14♒ 3	9♓28	25♉37	1♊11	7♓32	9°R 0	9♑ 0	8°R32	9♈ 6	22♏12	n.a.	T 1
W 2	11 55 34	0♈25'59	10♎46	7°33	15° 6	10°13	25°47	1°16	7°35	8♍58	9° 0	8°D32	9° 3	22°19	n.a.	W 2
T 3	11 59 30	1°23'43	22°55	9° 5	16°10	10°57	25°57	1°21	7°38	8°57	9° 1	8♈33	9° 0	22°25	n.a.	T 3
F 4	12 3 27	2°21'26	4♏56	10°40	17°13	11°42	26° 7	1°26	7°41	8°55	9° 1	8°33	8°57	22°32	n.a.	F 4
S 5	12 7 23	3°19'07	16°50	12°17	18°17	12°26	26°18	1°32	7°45	8°54	9° 2	8°34	8°53	22°39	n.a.	S 5
S 6	12 11 20	4°16'47	28°41	13°55	19°21	13°10	26°28	1°37	7°48	8°52	9° 2	8°34	8°50	22°45	n.a.	S 6
M 7	12 15 16	5°14'25	10♐32	15°36	20°25	13°55	26°39	1°42	7°51	8°51	9° 2	8°35	8°47	22°52	n.a.	M 7
T 8	12 19 13	6°12'03	22°28	17°19	21°30	14°39	26°49	1°48	7°54	8°49	9° 3	8°35	8°44	22°59	n.a.	T 8
W 9	12 23 9	7° 9'39	4♑32	19° 4	22°34	15°23	27° 0	1°53	7°57	8°48	9° 3	8°R35	8°41	23° 5	n.a.	W 9
T 10	12 27 6	8° 7'15	16°50	20°51	23°39	16° 7	27°11	1°59	8° 0	8°47	9° 3	8°D35	8°38	23°12	n.a.	T 10
F 11	12 31 2	9° 4'49	29°25	22°40	24°44	16°51	27°22	2° 5	8° 3	8°45	9° 4	8°35	8°34	23°19	n.a.	F 11
S 12	12 34 59	10° 2'22	12♒21	24°31	25°49	17°35	27°33	2°10	8° 6	8°44	9° 4	8°35	8°31	23°25	n.a.	S 12
S 13	12 38 56	10°59'54	25°42	26°25	26°54	18°19	27°44	2°16	8° 9	8°43	9° 4	8°35	8°28	23°32	n.a.	S 13
M14	12 42 52	11°57'25	9♓27	28°20	28° 0	19° 3	27°55	2°22	8°12	8°41	9° 4	8°35	8°25	23°39	n.a.	M14
T 15	12 46 49	12°54'54	23°36	0♈17	29° 5	19°47	28° 6	2°28	8°15	8°40	9° 4	8°36	8°22	23°45	n.a.	T 15
W16	12 50 45	13°52'23	8♈ 7	2°16	0♓11	20°31	28°17	2°34	8°18	8°39	9° 5	8°R36	8°18	23°52	n.a.	W16
T 17	12 54 42	14°49'50	22°53	4°17	1°17	21°14	28°28	2°40	8°21	8°37	9° 5	8°36	8°15	23°59	n.a.	T 17
F 18	12 58 38	15°47'16	7♉47	6°20	2°23	21°58	28°40	2°46	8°24	8°36	9° 5	8°35	8°12	24° 6	n.a.	F 18
S 19	13 2 35	16°44'41	22°42	8°24	3°29	22°42	28°51	2°52	8°27	8°35	9° 5	8°34	8° 9	24°12	n.a.	S 19
S 20	13 6 31	17°42'05	7♊30	10°30	4°36	23°25	29° 3	2°59	8°30	8°34	9° 5	8°33	8° 6	24°19	n.a.	S 20
M21	13 10 28	18°39'28	22° 4	12°38	5°42	24° 9	29°15	3° 5	8°32	8°33	9°R 5	8°33	8° 3	24°26	n.a.	M21
T 22	13 14 25	19°36'49	6♋20	14°47	6°49	24°52	29°26	3°11	8°35	8°31	9° 5	8°32	7°59	24°32	n.a.	T 22
W23	13 18 21	20°34'09	20°15	16°56	7°56	25°35	29°38	3°18	8°38	8°30	9° 5	8°D32	7°56	24°39	n.a.	W23
T 24	13 22 18	21°31'28	3♌50	19° 7	9° 3	26°19	29°50	3°24	8°41	8°29	9° 5	8°32	7°53	24°46	n.a.	T 24
F 25	13 26 14	22°28'45	17° 5	21°18	10°10	27° 2	0♊ 2	3°31	8°43	8°28	9° 5	8°33	7°50	24°52	n.a.	F 25
S 26	13 30 11	23°26'01	0♍ 2	23°30	11°17	27°45	0°14	3°37	8°46	8°27	9° 5	8°34	7°47	24°59	n.a.	S 26
S 27	13 34 7	24°23'16	12°43	25°42	12°24	28°28	0°26	3°44	8°49	8°26	9° 5	8°35	7°44	25° 6	n.a.	S 27
M28	13 38 4	25°20'30	25°10	27°53	13°31	29°11	0°38	3°50	8°51	8°25	9° 4	8°36	7°40	25°12	n.a.	M28
T 29	13 42 1	26°17'43	7♎26	0♉ 4	14°39	29°54	0°50	3°57	8°54	8°24	9° 4	8°R36	7°37	25°19	n.a.	T 29
W30	13 45 57	27♈14'55	19♎33	2♉14	15♓46	0♈37	1♊ 2	4♊ 4	8♓56	8♍23	9♑ 4	8♈36	7♈34	25♏26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s13	1n29	0n56	11s54	2s39	17s 5	0s13	9s 4	0s59	19n24	0s 5	19n57	0s48	9s35	0s45	10n 4	1n53	32s14	8s44	3n26	3n40	22s 1		n.a.
W 2	0n11	4s31	0s12	11 18	2 37	16 51	0 18	8 46	0 59	19 27	0 5	19 59	0 48	9 33	0 45	10 5	1 53	32 14	8 44	3 26	3 39	22 3		n.a.
T 3	0 34	10 16	1 19	10 41	2 35	16 37	0 22	8 29	0 59	19 29	0 5	20 0	0 48	9 32	0 45	10 6	1 53	32 14	8 44	3 27	3 37	22 6		n.a.
F 4	0 57	15 36	2 21	10 2	2 33	16 21	0 27	8 12	0 59	19 32	0 5	20 1	0 47	9 31	0 45	10 6	1 53	32 15	8 45	3 27	3 36	22 8		n.a.
S 5	1 20	20 17	3 17	9 22	2 30	16 6	0 31	7 54	0 58	19 34	0 5	20 2	0 47	9 30	0 45	10 7	1 53	32 15	8 45	3 27	3 35	22 11		n.a.
S 6	1 44	24 9	4 4	8 40	2 26	15 50	0 36	7 36	0 58	19 37	0 4	20 4	0 47	9 29	0 45	10 7	1 53	32 15	8 45	3 27	3 34	22 13		n.a.
M 7	2 7	27 1	4 40	7 56	2 22	15 33	0 40	7 19	0 58	19 39	0 4	20 5	0 47	9 27	0 45	10 8	1 53	32 16	8 45	3 27	3 32	22 15		n.a.
T 8	2 30	28 41	5 5	7 11	2 17	15 16	0 44	7 1	0 57	19 42	0 4	20 6	0 47	9 26	0 45	10 8	1 53	32 16	8 46	3 27	3 31	22 18		n.a.
W 9	2 53	29 2	5 16	6 24	2 12	14 59	0 48	6 44	0 57	19 45	0 4	20 7	0 47	9 25	0 45	10 9	1 53	32 16	8 46	3 27	3 30	22 20		n.a.
T 10	3 16	27 57	5 14	5 36	2 6	14 41	0 52	6 26	0 57	19 47	0 4	20 9	0 47	9 24	0 45	10 9	1 53	32 16	8 46	3 27	3 29	22 22		n.a.
F 11	3 39	25 26	4 57	4 47	1 59	14 22	0 56	6 8	0 56	19 50	0 4	20 10	0 46	9 23	0 45	10 10	1 53	32 17	8 47	3 27	3 27	22 25		n.a.
S 12	4 2	21 35	4 24	3 55	1 52	14 3	1 0	5 50	0 56	19 53	0 4	20 11	0 46	9 22	0 45	10 10	1 53	32 17	8 47	3 27	3 26	22 27		n.a.
S 13	4 25	16 33	3 36	3 3	1 45	13 44	1 3	5 33	0 55	19 55	0 4	20 13	0 46	9 20	0 45	10 11	1 53	32 17	8 47	3 28	3 25	22 30		n.a.
M14	4 48	10 32	2 35	2 9	1 37	13 24	1 7	5 15	0 55	19 58	0 4	20 14	0 46	9 19	0 45	10 11	1 53	32 17	8 48	3 28	3 23	22 32		n.a.
T 15	5 11	3 50	1 22	1 14	1 29	13 4	1 10	4 57	0 55	20 1	0 3	20 15	0 46	9 18	0 45	10 12	1 53	32 18	8 48	3 28	3 22	22 34		n.a.
W16	5 34	3n14	0 3	0 18	1 20	12 44	1 13	4 39	0 54	20 3	0 3	20 17	0 46	9 17	0 45	10 12	1 53	32 18	8 48	3 28	3 21	22 37		n.a.
T 17	5 56	10 15	1n18	0n39	1 11	12 23	1 16	4 21	0 54	20 6	0 3	20 18	0 45	9 16	0 45	10 13	1 53	32 18	8 48	3 28	3 20	22 39		n.a.
F 18	6 19	16 46	2 35	1 37	1 1	12 2	1 20	4 3	0 54	20 9	0 3	20 19	0 45	9 15	0 45	10 13	1 53	32 19	8 49	3 28	3 18	22 41		n.a.
S 19	6 41	22 18	3 41	2 36	0 51	11 40	1 22	3 45	0 53	20 11	0 3	20 21	0 45	9 14	0 45	10 13	1 53	32 19	8 49	3 27	3 17	22 43		n.a.
S 20	7 4	26 23	4 31	3 36	0 41	11 18	1 25	3 28	0 53	20 14	0 3	20 22	0 45	9 13	0 45	10 14	1 53	32 19	8 49	3 27	3 16	22 46		n.a.
M21	7 26	28 39	5 4	4 36	0 31	10 56	1 28	3 10	0 52	20 17	0 3	20 23	0 45	9 12	0 45	10 14	1 53	32 19	8 50	3 26	3 15	22 48		n.a.
T 22	7 48	28 57	5 16	5 36	0 20	10 33	1 31	2 52	0 52	20 19	0 3	20 25	0 45	9 11	0 45	10 15	1 53	32 20	8 50	3 26	3 13	22 50		n.a.
W23	8 10	27 23	5 10	6 37	0 10	10 10	1 33	2 34	0 52	20 22	0 2	20 26	0 45	9 10	0 45	10 15	1 53	32 20	8 50	3 26	3 12	22 53		n.a.
T 24	8 32	24 15	4 46	7 37	0n 1	9 47	1 36	2 16	0 51	20 25	0 2	20 27	0 44	9 9	0 45	10 15	1 53	32 20	8 50	3 26	3 11	22 55		n.a.
F 25	8 53	19 54	4 8	8 37	0 11	9 23	1 38	1 58	0 51	20 27	0 2	20 29	0 44	9 8	0 45	10 16	1 53	32 21	8 51	3 27	3 9	22 57		n.a.
S 26	9 15	14 43	3 17	9 37	0 22	9 0	1 40	1 40	0 50	20 30	0 2	20 30	0 44	9 7	0 45	10 16	1 52	32 21	8 51	3 27	3 8	22 59		n.a.
S 27	9 36	9 1	2 18	10 35	0 32	8 35	1 42	1 23	0 50	20 33	0 2	20 32	0 44	9 6	0 45	10 17	1 52	32 21	8 51	3 27	3 7	23 2		n.a.
M28	9 58	3 4	1 14	11 33	0 42	8 11	1 44	1 5	0 49	20 35	0 2	20 33	0 44	9 5	0 45	10 17	1 52	32 22	8 52	3 28	3 6	23 4		n.a.
T 29	10 19	2s54	0 6	12 29	0 52	7 46	1 46	0 47	0 49	20 38	0 2	20 34	0 44	9 4	0 45	10 17	1 52	32 22	8 52	3 28	3 4	23 6		n.a.
W30	10n40	8s42	1s 0	13n24	1n 1	7s21	1s48	0s29	0s49	20n41	0s 2	20n36	0s44	9s 3	0s45	10n18	1n52	32s22	8s52	3n28	3n 3	23s 8		n.a.

Julian Day Number = 1291248.5, Delta T = 07h59m00s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'55, Lahiri = -20°12'54 Julian Calendar 1 Apr. 1178 BCE == Greg. Calendar 21 March 1178 BCE

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

MAY 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 49 54	28♈12'06	1♏34	4♉24	16♓54	1♈20	1♊14	4♊11	8♓59	8°R22	9°R 4	8°R35	7♈31	25♏32	n.a.	T 1
F 2	13 53 50	29° 9'16	13°28	6°32	18° 2	2° 3	1°26	4°18	9° 1	8♍21	9♑ 3	8♈32	7°28	25°39	n.a.	F 2
S 3	13 57 47	0♉ 6'26	25°20	8°38	19°10	2°46	1°39	4°24	9° 4	8°20	9° 3	8°29	7°24	25°46	n.a.	S 3
S 4	14 1 43	1° 3'36	7♐11	10°43	20°18	3°29	1°51	4°31	9° 6	8°20	9° 3	8°26	7°21	25°53	n.a.	S 4
M 5	14 5 40	2° 0'45	19° 3	12°47	21°26	4°11	2° 3	4°38	9° 9	8°19	9° 2	8°22	7°18	25°59	n.a.	M 5
T 6	14 9 36	2°57'53	0♑59	14°48	22°34	4°54	2°16	4°45	9°11	8°18	9° 2	8°19	7°15	26° 6	n.a.	T 6
W 7	14 13 33	3°55'02	13° 4	16°48	23°43	5°37	2°28	4°52	9°13	8°17	9° 2	8°16	7°12	26°13	n.a.	W 7
T 8	14 17 30	4°52'10	25°20	18°45	24°51	6°19	2°41	5° 0	9°15	8°16	9° 1	8°15	7° 9	26°19	n.a.	T 8
F 9	14 21 26	5°49'17	7♒52	20°40	26° 0	7° 2	2°53	5° 7	9°18	8°16	9° 1	8°D14	7° 5	26°26	n.a.	F 9
S 10	14 25 23	6°46'25	20°44	22°33	27° 8	7°44	3° 6	5°14	9°20	8°15	9° 0	8°15	7° 2	26°33	n.a.	S 10
S 11	14 29 19	7°43'32	4♓ 0	24°24	28°17	8°26	3°19	5°21	9°22	8°14	9° 0	8°16	6°59	26°39	n.a.	S 11
M12	14 33 16	8°40'39	17°41	26°13	29°26	9° 9	3°31	5°28	9°24	8°14	8°59	8°18	6°56	26°46	n.a.	M12
T 13	14 37 12	9°37'46	1♈49	27°59	0♈35	9°51	3°44	5°36	9°26	8°13	8°59	8°R19	6°53	26°53	n.a.	T 13
W14	14 41 9	10°34'53	16°23	29°43	1°44	10°33	3°57	5°43	9°28	8°13	8°58	8°19	6°50	26°59	n.a.	W14
T 15	14 45 5	11°32'00	1♉17	1♊24	2°53	11°15	4°10	5°50	9°30	8°12	8°58	8°17	6°46	27° 6	n.a.	T 15
F 16	14 49 2	12°29'07	16°26	3° 4	4° 2	11°57	4°23	5°58	9°32	8°12	8°57	8°14	6°43	27°13	n.a.	F 16
S 17	14 52 59	13°26'13	1♊38	4°40	5°12	12°39	4°36	6° 5	9°34	8°11	8°57	8°10	6°40	27°20	n.a.	S 17
S 18	14 56 55	14°23'19	16°45	6°15	6°21	13°21	4°49	6°12	9°36	8°11	8°56	8° 5	6°37	27°26	n.a.	S 18
M19	15 0 52	15°20'25	1♋36	7°47	7°30	14° 3	5° 1	6°20	9°38	8°10	8°55	8° 0	6°34	27°33	n.a.	M19
T 20	15 4 48	16°17'31	16° 5	9°17	8°40	14°45	5°14	6°27	9°40	8°10	8°55	7°55	6°30	27°40	n.a.	T 20
W21	15 8 45	17°14'36	0♌ 9	10°44	9°49	15°27	5°27	6°35	9°41	8° 9	8°54	7°52	6°27	27°46	n.a.	W21
T 22	15 12 41	18°11'41	13°46	12° 9	10°59	16° 8	5°41	6°42	9°43	8° 9	8°53	7°D51	6°24	27°53	n.a.	T 22
F 23	15 16 38	19° 8'45	26°57	13°31	12° 9	16°50	5°54	6°50	9°45	8° 9	8°52	7°51	6°21	28° 0	n.a.	F 23
S 24	15 20 35	20° 5'49	9♍46	14°51	13°18	17°31	6° 7	6°58	9°46	8° 9	8°52	7°53	6°18	28° 6	n.a.	S 24
S 25	15 24 31	21° 2'53	22°16	16° 8	14°28	18°13	6°20	7° 5	9°48	8° 8	8°51	7°54	6°15	28°13	n.a.	S 25
M26	15 28 28	21°59'57	4♎32	17°23	15°38	18°54	6°33	7°13	9°50	8° 8	8°50	7°R55	6°11	28°20	n.a.	M26
T 27	15 32 24	22°57'00	16°37	18°35	16°48	19°36	6°46	7°20	9°51	8° 8	8°49	7°54	6° 8	28°26	n.a.	T 27
W28	15 36 21	23°54'04	28°34	19°44	17°58	20°17	6°59	7°28	9°53	8° 8	8°48	7°52	6° 5	28°33	n.a.	W28
T 29	15 40 17	24°51'07	10♏27	20°51	19° 8	20°58	7°12	7°36	9°54	8° 8	8°47	7°48	6° 2	28°40	n.a.	T 29
F 30	15 44 14	25°48'11	22°18	21°55	20°19	21°39	7°26	7°43	9°55	8° 8	8°47	7°42	5°59	28°47	n.a.	F 30
S 31	15 48 10	26♉45'15	4♐ 9	22♊55	21♈29	22♈21	7♊39	7♊51	9♓57	8♍ 8	8♑46	7♈34	5♈55	28♏53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n 1	14s 8	2s 3	14n17	1n10	6s56	1s50	0s12	0s48	20n43	0s 2	20n37	0s43	9s 2	0s45	10n18	1n52	32s22	8s53	3n27	3n 2	23s11			n.a.
F 2	11 21	19 0	3 0	15 9	1 18	6 30	1 51	0n 6	0 48	20 46	0 1	20 39	0 43	9 1	0 45	10 18	1 52	32 23	8 53	3 26	3 0	23 13			n.a.
S 3	11 42	23 7	3 49	15 58	1 26	6 5	1 53	0 24	0 47	20 49	0 1	20 40	0 43	9 0	0 45	10 18	1 52	32 23	8 53	3 25	2 59	23 15			n.a.
S 4	12 2	26 17	4 29	16 45	1 33	5 39	1 54	0 42	0 47	20 51	0 1	20 42	0 43	8 59	0 45	10 19	1 52	32 23	8 53	3 24	2 58	23 17			n.a.
M 5	12 22	28 18	4 56	17 31	1 40	5 13	1 55	0 59	0 46	20 54	0 1	20 43	0 43	8 58	0 45	10 19	1 52	32 24	8 54	3 22	2 57	23 20			n.a.
T 6	12 42	29 1	5 11	18 13	1 45	4 46	1 57	1 17	0 46	20 57	0 1	20 44	0 43	8 57	0 45	10 19	1 52	32 24	8 54	3 21	2 55	23 22			n.a.
W 7	13 2	28 22	5 13	18 54	1 51	4 20	1 58	1 34	0 45	20 59	0 1	20 46	0 43	8 57	0 45	10 20	1 52	32 24	8 54	3 20	2 54	23 24			n.a.
T 8	13 22	26 20	5 0	19 32	1 55	3 53	1 59	1 52	0 45	21 2	0 1	20 47	0 43	8 56	0 45	10 20	1 52	32 25	8 55	3 19	2 53	23 26			n.a.
F 9	13 41	22 59	4 33	20 8	1 59	3 26	1 59	2 9	0 44	21 4	0 1	20 49	0 42	8 55	0 46	10 20	1 52	32 25	8 55	3 19	2 52	23 28			n.a.
S 10	14 0	18 28	3 52	20 41	2 2	2 59	2 0	2 27	0 44	21 7	0 1	20 50	0 42	8 54	0 46	10 20	1 52	32 25	8 55	3 19	2 50	23 31			n.a.
S 11	14 19	12 57	2 57	21 12	2 5	2 32	2 1	2 44	0 43	21 10	0 0	20 51	0 42	8 53	0 46	10 20	1 52	32 26	8 55	3 20	2 49	23 33			n.a.
M12	14 38	6 38	1 51	21 40	2 7	2 5	2 1	3 2	0 43	21 12	0 0	20 53	0 42	8 53	0 46	10 21	1 52	32 26	8 56	3 21	2 48	23 35			n.a.
T 13	14 56	0n12	0 35	22 7	2 8	1 37	2 2	3 19	0 42	21 15	0 0	20 54	0 42	8 52	0 46	10 21	1 52	32 26	8 56	3 21	2 46	23 37			n.a.
W14	15 15	7 13	0n44	22 30	2 8	1 10	2 2	3 36	0 42	21 17	0 0	20 56	0 42	8 51	0 46	10 21	1 52	32 26	8 56	3 21	2 45	23 39			n.a.
T 15	15 33	14 1	2 2	22 52	2 8	0 42	2 3	3 54	0 41	21 20	0 0	20 57	0 42	8 50	0 46	10 21	1 52	32 27	8 56	3 20	2 44	23 41			n.a.
F 16	15 50	20 6	3 13	23 11	2 7	0 15	2 3	4 11	0 41	21 22	0n 0	20 59	0 42	8 50	0 46	10 21	1 52	32 27	8 57	3 19	2 43	23 43			n.a.
S 17	16 8	24 55	4 10	23 29	2 5	0n13	2 3	4 28	0 40	21 25	0 0	21 0	0 42	8 49	0 46	10 21	1 52	32 27	8 57	3 17	2 41	23 46			n.a.
S 18	16 25	27 58	4 50	23 44	2 3	0 41	2 3	4 45	0 40	21 27	0 0	21 1	0 41	8 48	0 46	10 22	1 51	32 28	8 57	3 15	2 40	23 48			n.a.
M19	16 42	28 58	5 9	23 57	2 0	1 9	2 3	5 2	0 39	21 30	0 0	21 3	0 41	8 48	0 46	10 22	1 51	32 28	8 57	3 13	2 39	23 50			n.a.
T 20	16 59	27 56	5 8	24 8	1 56	1 37	2 3	5 19	0 39	21 32	0 1	21 4	0 41	8 47	0 46	10 22	1 51	32 28	8 58	3 12	2 38	23 52			n.a.
W21	17 16	25 8	4 48	24 17	1 52	2 5	2 2	5 36	0 38	21 35	0 1	21 6	0 41	8 46	0 46	10 22	1 51	32 29	8 58	3 10	2 36	23 54			n.a.
T 22	17 32	20 59	4 12	24 24	1 47	2 33	2 2	5 52	0 38	21 37	0 1	21 7	0 41	8 46	0 46	10 22	1 51	32 29	8 58	3 10	2 35	23 56			n.a.
F 23	17 48	15 55	3 24	24 29	1 42	3 1	2 2	6 9	0 37	21 40	0 1	21 8	0 41	8 45	0 46	10 22	1 51	32 29	8 58	3 10	2 34	23 58			n.a.
S 24	18 4	10 18	2 27	24 33	1 36	3 29	2 1	6 26	0 36	21 42	0 1	21 10	0 41	8 44	0 46	10 22	1 51	32 29	8 59	3 10	2 32	24 0			n.a.
S 25	18 19	4 24	1 24	24 35	1 29	3 57	2 0	6 42	0 36	21 44	0 1	21 11	0 41	8 44	0 46	10 22	1 51	32 30	8 59	3 11	2 31	24 3			n.a.
M26	18 34	1s33	0 18	24 35	1 22	4 25	2 0	6 59	0 35	21 47	0 1	21 13	0 41	8 43	0 46	10 22	1 51	32 30	8 59	3 11	2 30	24 5			n.a.
T 27	18 49	7 21	0s47	24 34	1 14	4 53	1 59	7 15	0 35	21 49	0 1	21 14	0 40	8 43	0 46	10 22	1 51	32 30	8 59	3 11	2 29	24 7			n.a.
W28	19 4	12 50	1 49	24 32	1 6	5 21	1 58	7 32	0 34	21 52	0 1	21 15	0 40	8 42	0 46	10 22	1 51	32 31	9 0	3 10	2 27	24 9			n.a.
T 29	19 18	17 50	2 46	24 28	0 57	5 49	1 57	7 48	0 34	21 54	0 1	21 17	0 40	8 42	0 46	10 22	1 51	32 31	9 0	3 9	2 26	24 11			n.a.
F 30	19 32	22 7	3 36	24 22	0 47	6 16	1 56	8 4	0 33	21 56	0 2	21 18	0 40	8 41	0 46	10 22	1 51	32 31	9 0	3 6	2 25	24 13			n.a.
S 31	19n45	25s31	4s16	24n16	0n38	6n44	1s55	8n20	0s32	21n59	0n 2	21n19	0s40	8s41	0s46	10n22	1n51	32s32	9s 0	3n 3	2n23	24s15			n.a.

Julian Day Number = 1291278.5, Delta T = 07h58m58s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'50, Lahiri = -20°12'50 Julian Calendar 1 May 1178 BCE == Greg. Calendar 20 Apr. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

JUNE 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 7	27♉42'20	16♐ 2	23♊53	22♈39	23♈ 2	7♊52	7♊59	9♓58	8°D 8	8°R45	7°R25	5♈52	29♏ 0	n.a.	S 1
M 2	15 56 4	28°39'25	27°57	24°47	23°50	23°43	8° 5	8° 7	9°59	8♍ 8	8♑44	7♈15	5°49	29° 7	n.a.	M 2
T 3	16 0 0	29°36'30	9♑58	25°38	25° 0	24°24	8°19	8°14	10° 0	8° 8	8°43	7° 6	5°46	29°13	n.a.	T 3
W 4	16 3 57	0♊33'36	22° 7	26°26	26°11	25° 4	8°32	8°22	10° 1	8° 8	8°42	6°59	5°43	29°20	n.a.	W 4
T 5	16 7 53	1°30'43	4♒25	27°10	27°21	25°45	8°45	8°30	10° 3	8° 8	8°41	6°53	5°40	29°27	n.a.	T 5
F 6	16 11 50	2°27'50	16°57	27°50	28°32	26°26	8°59	8°38	10° 4	8° 8	8°40	6°50	5°36	29°33	n.a.	F 6
S 7	16 15 46	3°24'58	29°46	28°27	29°43	27° 7	9°12	8°45	10° 5	8° 8	8°39	6°D49	5°33	29°40	n.a.	S 7
S 8	16 19 43	4°22'07	12♓56	28°59	0♉54	27°47	9°25	8°53	10° 6	8° 8	8°38	6°49	5°30	29°47	n.a.	S 8
M 9	16 23 40	5°19'17	26°30	29°28	2° 5	28°28	9°39	9° 1	10° 6	8° 9	8°37	6°50	5°27	29°54	n.a.	M 9
T 10	16 27 36	6°16'27	10♈29	29°52	3°16	29° 9	9°52	9° 9	10° 7	8° 9	8°36	6°R50	5°24	0♐ 0	n.a.	T 10
W11	16 31 33	7°13'38	24°55	0♋12	4°27	29°49	10° 5	9°16	10° 8	8° 9	8°35	6°49	5°21	0° 7	n.a.	W11
T 12	16 35 29	8°10'51	9♉44	0°27	5°38	0♉29	10°19	9°24	10° 9	8°10	8°33	6°45	5°17	0°14	n.a.	T 12
F 13	16 39 26	9° 8'04	24°51	0°37	6°49	1°10	10°32	9°32	10°10	8°10	8°32	6°39	5°14	0°20	n.a.	F 13
S 14	16 43 22	10° 5'18	10♊ 6	0°43	8° 0	1°50	10°45	9°40	10°10	8°10	8°31	6°31	5°11	0°27	n.a.	S 14
S 15	16 47 19	11° 2'33	25°20	0°R43	9°11	2°30	10°59	9°48	10°11	8°11	8°30	6°22	5° 8	0°34	n.a.	S 15
M16	16 51 15	11°59'48	10♋21	0°39	10°23	3°10	11°12	9°55	10°11	8°11	8°29	6°13	5° 5	0°40	n.a.	M16
T 17	16 55 12	12°57'05	25° 1	0°30	11°34	3°50	11°26	10° 3	10°12	8°12	8°28	6° 4	5° 1	0°47	n.a.	T 17
W18	16 59 9	13°54'21	9♌13	0°16	12°46	4°30	11°39	10°11	10°12	8°12	8°27	5°58	4°58	0°54	n.a.	W18
T 19	17 3 5	14°51'39	22°56	29♊57	13°57	5°10	11°52	10°19	10°13	8°13	8°25	5°54	4°55	1° 1	n.a.	T 19
F 20	17 7 2	15°48'57	6♍10	29°33	15° 9	5°50	12° 6	10°27	10°13	8°14	8°24	5°52	4°52	1° 7	n.a.	F 20
S 21	17 10 58	16°46'15	18°58	29° 4	16°20	6°30	12°19	10°34	10°14	8°14	8°23	5°D52	4°49	1°14	n.a.	S 21
S 22	17 14 55	17°43'35	1♎26	28°32	17°32	7°10	12°32	10°42	10°14	8°15	8°22	5°R52	4°46	1°21	n.a.	S 22
M23	17 18 51	18°40'55	13°37	27°55	18°44	7°50	12°46	10°50	10°14	8°16	8°20	5°52	4°42	1°27	n.a.	M23
T 24	17 22 48	19°38'15	25°37	27°16	19°55	8°29	12°59	10°58	10°14	8°16	8°19	5°50	4°39	1°34	n.a.	T 24
W25	17 26 45	20°35'37	7♏30	26°33	21° 7	9° 9	13°12	11° 5	10°14	8°17	8°18	5°46	4°36	1°41	n.a.	W25
T 26	17 30 41	21°33'00	19°20	25°49	22°19	9°48	13°25	11°13	10°14	8°18	8°17	5°40	4°33	1°47	n.a.	T 26
F 27	17 34 38	22°30'24	1♐10	25° 3	23°31	10°28	13°39	11°21	10°R14	8°19	8°15	5°30	4°30	1°54	n.a.	F 27
S 28	17 38 34	23°27'48	13° 3	24°16	24°43	11° 7	13°52	11°29	10°14	8°20	8°14	5°19	4°27	2° 1	n.a.	S 28
S 29	17 42 31	24°25'14	25° 0	23°30	25°55	11°46	14° 5	11°36	10°14	8°20	8°13	5° 6	4°23	2° 8	n.a.	S 29
M30	17 46 27	25♊22'41	7♑ 3	22♊45	27♉ 7	12♉26	14♊18	11♊44	10♓14	8♍21	8♑12	4♈52	4♈20	2♐14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n59	27s49	4s45	24n 9	0n27	7n12	1s54	8n36	0s32	22n 1	0n 2	21n21	0s40	8s40	0s46	10n22	1n51	32s32	9s 1	2n59	2n22	24s17		n.a.
M 2	20 11	28 51	5 2	24 0	0 16	7 39	1 53	8 52	0 31	22 3	0 2	21 22	0 40	8 40	0 46	10 22	1 51	32 32	9 1	2 55	2 21	24 19		n.a.
T 3	20 24	28 32	5 5	23 50	0 5	8 7	1 52	9 8	0 31	22 5	0 2	21 23	0 40	8 39	0 46	10 22	1 51	32 32	9 1	2 52	2 20	24 21		n.a.
W 4	20 36	26 50	4 55	23 40	0s 7	8 34	1 50	9 24	0 30	22 8	0 2	21 25	0 40	8 39	0 46	10 22	1 51	32 33	9 1	2 49	2 18	24 23		n.a.
T 5	20 48	23 52	4 32	23 29	0 20	9 1	1 49	9 39	0 30	22 10	0 2	21 26	0 40	8 39	0 46	10 22	1 51	32 33	9 1	2 47	2 17	24 25		n.a.
F 6	21 0	19 44	3 54	23 17	0 32	9 28	1 47	9 55	0 29	22 12	0 2	21 27	0 39	8 38	0 46	10 22	1 50	32 33	9 2	2 45	2 16	24 27		n.a.
S 7	21 11	14 37	3 5	23 4	0 45	9 55	1 46	10 10	0 28	22 14	0 2	21 29	0 39	8 38	0 46	10 21	1 50	32 34	9 2	2 45	2 15	24 29		n.a.
S 8	21 22	8 43	2 4	22 51	0 59	10 21	1 44	10 26	0 28	22 16	0 3	21 30	0 39	8 38	0 47	10 21	1 50	32 34	9 2	2 45	2 13	24 31		n.a.
M 9	21 33	2 15	0 55	22 38	1 12	10 48	1 42	10 41	0 27	22 19	0 3	21 31	0 39	8 37	0 47	10 21	1 50	32 34	9 2	2 45	2 12	24 33		n.a.
T 10	21 43	4n31	0n20	22 24	1 26	11 14	1 41	10 56	0 26	22 21	0 3	21 33	0 39	8 37	0 47	10 21	1 50	32 34	9 2	2 45	2 11	24 35		n.a.
W11	21 53	11 16	1 35	22 10	1 41	11 40	1 39	11 11	0 26	22 23	0 3	21 34	0 39	8 37	0 47	10 21	1 50	32 35	9 3	2 45	2 9	24 37		n.a.
T 12	22 2	17 35	2 46	21 55	1 55	12 6	1 37	11 26	0 25	22 25	0 3	21 35	0 39	8 36	0 47	10 21	1 50	32 35	9 3	2 43	2 8	24 39		n.a.
F 13	22 11	22 57	3 47	21 41	2 9	12 31	1 35	11 41	0 25	22 27	0 3	21 37	0 39	8 36	0 47	10 20	1 50	32 35	9 3	2 41	2 7	24 41		n.a.
S 14	22 20	26 49	4 32	21 27	2 24	12 57	1 33	11 56	0 24	22 29	0 3	21 38	0 39	8 36	0 47	10 20	1 50	32 35	9 3	2 38	2 6	24 43		n.a.
S 15	22 28	28 43	4 58	21 12	2 38	13 22	1 31	12 11	0 23	22 31	0 3	21 39	0 39	8 36	0 47	10 20	1 50	32 36	9 3	2 34	2 4	24 45		n.a.
M16	22 36	28 27	5 2	20 58	2 52	13 46	1 29	12 25	0 23	22 33	0 3	21 40	0 39	8 36	0 47	10 20	1 50	32 36	9 4	2 30	2 3	24 47		n.a.
T 17	22 44	26 11	4 47	20 45	3 6	14 11	1 27	12 40	0 22	22 35	0 3	21 42	0 38	8 35	0 47	10 20	1 50	32 36	9 4	2 27	2 2	24 49		n.a.
W18	22 51	22 19	4 14	20 31	3 19	14 35	1 25	12 54	0 21	22 37	0 4	21 43	0 38	8 35	0 47	10 19	1 50	32 36	9 4	2 24	2 0	24 51		n.a.
T 19	22 58	17 21	3 27	20 18	3 32	14 59	1 22	13 8	0 21	22 39	0 4	21 44	0 38	8 35	0 47	10 19	1 50	32 37	9 4	2 23	1 59	24 53		n.a.
F 20	23 4	11 44	2 31	20 6	3 44	15 22	1 20	13 22	0 20	22 41	0 4	21 45	0 38	8 35	0 47	10 19	1 50	32 37	9 4	2 22	1 58	24 55		n.a.
S 21	23 10	5 47	1 29	19 55	3 55	15 45	1 18	13 36	0 19	22 43	0 4	21 46	0 38	8 35	0 47	10 18	1 50	32 37	9 4	2 22	1 57	24 56		n.a.
S 22	23 16	0s13	0 24	19 45	4 5	16 8	1 16	13 50	0 19	22 45	0 4	21 48	0 38	8 35	0 47	10 18	1 50	32 37	9 5	2 22	1 55	24 58		n.a.
M23	23 21	6 5	0s41	19 35	4 14	16 31	1 13	14 4	0 18	22 46	0 4	21 49	0 38	8 35	0 47	10 18	1 50	32 38	9 5	2 22	1 54	25 0		n.a.
T 24	23 25	11 39	1 43	19 26	4 22	16 53	1 11	14 18	0 17	22 48	0 4	21 50	0 38	8 35	0 47	10 17	1 49	32 38	9 5	2 21	1 53	25 2		n.a.
W25	23 30	16 45	2 39	19 19	4 28	17 14	1 8	14 31	0 17	22 50	0 4	21 51	0 38	8 35	0 47	10 17	1 49	32 38	9 5	2 20	1 51	25 4		n.a.
T 26	23 34	21 11	3 28	19 13	4 33	17 36	1 6	14 44	0 16	22 52	0 4	21 52	0 38	8 35	0 47	10 17	1 49	32 38	9 5	2 17	1 50	25 6		n.a.
F 27	23 37	24 47	4 9	19 8	4 36	17 57	1 3	14 58	0 15	22 54	0 5	21 54	0 38	8 35	0 47	10 16	1 49	32 39	9 5	2 13	1 49	25 8		n.a.
S 28	23 40	27 20	4 38	19 5	4 38	18 17	1 1	15 11	0 15	22 55	0 5	21 55	0 38	8 35	0 47	10 16	1 49	32 39	9 5	2 9	1 48	25 10		n.a.
S 29	23 43	28 40	4 55	19 4	4 37	18 37	0 58	15 24	0 14	22 57	0 5	21 56	0 38	8 35	0 47	10 16	1 49	32 39	9 5	2 3	1 46	25 12		n.a.
M30	23n45	28s38	5s 0	19n 3	4s35	18n56	0s56	15n37	0s13	22n59	0n 5	21n57	0s37	8s35	0s47	10n15	1n49	32s39	9s 6	1n58	1n45	25s13		n.a.

Julian Day Number = 1291309.5, Delta T = 07h58m57s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'46, Lahiri = -20°12'46 Julian Calendar 1 June 1178 BCE == Greg. Calendar 21 May 1178 BCE

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

JULY 1178 BCE (-1177) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 24	26♊20'10	19♑13	22°R 3	28♉20	13♉ 5	14♊32	11♊52	10°R14	8♍22	8°R10	4°R40	4♈17	2♐21	n.a.	T 1
W 2	17 54 20	27°17'40	1♒31	21♊23	29°32	13°44	14°45	11°59	10♓14	8°23	8♑ 9	4♈28	4°14	2°28	n.a.	W 2
T 3	17 58 17	28°15'11	13°58	20°46	0♋44	14°23	14°58	12° 7	10°14	8°24	8° 8	4°20	4°11	2°34	n.a.	T 3
F 4	18 2 14	29°12'44	26°37	20°15	1°56	15° 2	15°11	12°14	10°13	8°25	8° 6	4°14	4° 7	2°41	n.a.	F 4
S 5	18 6 10	0♋10'18	9♓30	19°48	3° 9	15°41	15°24	12°22	10°13	8°26	8° 5	4°11	4° 4	2°48	n.a.	S 5
S 6	18 10 7	1° 7'54	22°39	19°27	4°21	16°20	15°37	12°29	10°13	8°27	8° 4	4°10	4° 1	2°54	n.a.	S 6
M 7	18 14 3	2° 5'31	6♈ 7	19°13	5°34	16°59	15°50	12°37	10°12	8°28	8° 2	4°10	3°58	3° 1	n.a.	M 7
T 8	18 18 0	3° 3'11	19°57	19° 5	6°47	17°37	16° 3	12°45	10°12	8°30	8° 1	4°10	3°55	3° 8	n.a.	T 8
W 9	18 21 56	4° 0'52	4♉10	19°D 3	7°59	18°16	16°17	12°52	10°11	8°31	8° 0	4° 8	3°52	3°15	n.a.	W 9
T 10	18 25 53	4°58'35	18°45	19°10	9°12	18°55	16°30	12°59	10°10	8°32	7°58	4° 4	3°48	3°21	n.a.	T 10
F 11	18 29 49	5°56'20	3♊37	19°23	10°25	19°33	16°42	13° 7	10°10	8°33	7°57	3°57	3°45	3°28	n.a.	F 11
S 12	18 33 46	6°54'06	18°41	19°44	11°38	20°12	16°55	13°14	10° 9	8°34	7°56	3°47	3°42	3°35	n.a.	S 12
S 13	18 37 43	7°51'55	3♋46	20°12	12°50	20°50	17° 8	13°22	10° 8	8°36	7°54	3°36	3°39	3°41	n.a.	S 13
M14	18 41 39	8°49'45	18°43	20°48	14° 3	21°28	17°21	13°29	10° 8	8°37	7°53	3°25	3°36	3°48	n.a.	M14
T 15	18 45 36	9°47'36	3♌22	21°31	15°16	22° 7	17°34	13°36	10° 7	8°38	7°52	3°15	3°33	3°55	n.a.	T 15
W16	18 49 32	10°45'29	17°36	22°22	16°29	22°45	17°47	13°43	10° 6	8°40	7°50	3° 7	3°29	4° 2	n.a.	W16
T 17	18 53 29	11°43'23	1♍22	23°19	17°43	23°23	18° 0	13°51	10° 5	8°41	7°49	3° 2	3°26	4° 8	n.a.	T 17
F 18	18 57 25	12°41'19	14°40	24°23	18°56	24° 1	18°12	13°58	10° 4	8°43	7°48	2°59	3°23	4°15	n.a.	F 18
S 19	19 1 22	13°39'16	27°32	25°33	20° 9	24°39	18°25	14° 5	10° 3	8°44	7°46	2°57	3°20	4°22	n.a.	S 19
S 20	19 5 18	14°37'14	10♎ 1	26°50	21°22	25°17	18°38	14°12	10° 2	8°45	7°45	2°57	3°17	4°28	n.a.	S 20
M21	19 9 15	15°35'14	22°13	28°12	22°35	25°54	18°50	14°19	10° 1	8°47	7°44	2°57	3°13	4°35	n.a.	M21
T 22	19 13 12	16°33'16	4♏12	29°39	23°49	26°32	19° 3	14°26	10° 0	8°48	7°42	2°56	3°10	4°42	n.a.	T 22
W23	19 17 8	17°31'19	16° 5	1♋11	25° 2	27°10	19°15	14°33	9°59	8°50	7°41	2°53	3° 7	4°48	n.a.	W23
T 24	19 21 5	18°29'24	27°55	2°47	26°16	27°47	19°28	14°40	9°57	8°52	7°40	2°47	3° 4	4°55	n.a.	T 24
F 25	19 25 1	19°27'30	9♐47	4°28	27°29	28°25	19°40	14°47	9°56	8°53	7°38	2°38	3° 1	5° 2	n.a.	F 25
S 26	19 28 58	20°25'38	21°44	6°11	28°43	29° 2	19°52	14°54	9°55	8°55	7°37	2°28	2°58	5° 9	n.a.	S 26
S 27	19 32 54	21°23'48	3♑48	7°58	29°56	29°40	20° 5	15° 1	9°53	8°56	7°36	2°16	2°54	5°15	n.a.	S 27
M28	19 36 51	22°22'00	16° 0	9°47	1♋10	0♊17	20°17	15° 8	9°52	8°58	7°35	2° 3	2°51	5°22	n.a.	M28
T 29	19 40 47	23°20'14	28°23	11°38	2°24	0°54	20°29	15°14	9°51	9° 0	7°33	1°51	2°48	5°29	n.a.	T 29
W30	19 44 44	24°18'29	10♒56	13°30	3°37	1°31	20°41	15°21	9°49	9° 1	7°32	1°41	2°45	5°35	n.a.	W30
T 31	19 48 41	25♋16'47	23♒39	15♋24	4♋51	2♊ 8	20♊53	15♊28	9♓48	9♍ 3	7♑31	1♈33	2♈42	5♐42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	27s13	4s50	19n 5	4s31	19n15	0s53	15n49	0s13	23n 0	0n 5	21n58	0s37	8s35	0s47	10n15	1n49	32s39	9s 6	1n53	1n44	25s15			n.a.
W 2	23 49	24 30	4 28	19 8	4 25	19 34	0 50	16 2	0 12	23 2	0 5	21 59	0 37	8 35	0 47	10 14	1 49	32 40	9 6	1 48	1 43	25 17			n.a.
T 3	23 49	20 36	3 52	19 13	4 18	19 52	0 48	16 14	0 11	23 4	0 5	22 0	0 37	8 35	0 47	10 14	1 49	32 40	9 6	1 45	1 41	25 19			n.a.
F 4	23 50	15 44	3 4	19 20	4 9	20 10	0 45	16 27	0 11	23 5	0 5	22 1	0 37	8 35	0 48	10 14	1 49	32 40	9 6	1 43	1 40	25 21			n.a.
S 5	23 50	10 5	2 6	19 28	3 59	20 27	0 42	16 39	0 10	23 7	0 5	22 2	0 37	8 36	0 48	10 13	1 49	32 40	9 6	1 41	1 39	25 23			n.a.
S 6	23 50	3 53	1 1	19 38	3 47	20 43	0 40	16 51	0 9	23 8	0 6	22 3	0 37	8 36	0 48	10 13	1 49	32 40	9 6	1 41	1 37	25 24			n.a.
M 7	23 49	2n38	0n10	19 50	3 34	20 59	0 37	17 3	0 8	23 10	0 6	22 5	0 37	8 36	0 48	10 12	1 49	32 40	9 6	1 41	1 36	25 26			n.a.
T 8	23 48	9 12	1 22	20 3	3 21	21 14	0 34	17 15	0 8	23 11	0 6	22 6	0 37	8 36	0 48	10 12	1 49	32 41	9 6	1 41	1 35	25 28			n.a.
W 9	23 46	15 29	2 31	20 17	3 6	21 29	0 31	17 26	0 7	23 13	0 6	22 7	0 37	8 36	0 48	10 11	1 49	32 41	9 6	1 40	1 34	25 30			n.a.
T 10	23 44	21 5	3 32	20 33	2 51	21 44	0 29	17 38	0 6	23 14	0 6	22 8	0 37	8 37	0 48	10 11	1 49	32 41	9 7	1 38	1 32	25 32			n.a.
F 11	23 42	25 28	4 20	20 50	2 35	21 57	0 26	17 49	0 6	23 16	0 6	22 9	0 37	8 37	0 48	10 10	1 49	32 41	9 7	1 36	1 31	25 33			n.a.
S 12	23 39	28 10	4 50	21 8	2 19	22 10	0 23	18 1	0 5	23 17	0 6	22 10	0 37	8 37	0 48	10 10	1 49	32 41	9 7	1 32	1 30	25 35			n.a.
S 13	23 36	28 47	5 0	21 26	2 2	22 23	0 20	18 12	0 4	23 18	0 6	22 11	0 37	8 38	0 48	10 9	1 49	32 41	9 7	1 27	1 28	25 37			n.a.
M14	23 32	27 17	4 50	21 45	1 46	22 34	0 18	18 23	0 3	23 20	0 6	22 12	0 37	8 38	0 48	10 9	1 48	32 42	9 7	1 23	1 27	25 39			n.a.
T 15	23 28	23 56	4 20	22 4	1 30	22 46	0 15	18 33	0 3	23 21	0 7	22 13	0 36	8 38	0 48	10 8	1 48	32 42	9 7	1 19	1 26	25 40			n.a.
W16	23 24	19 13	3 35	22 23	1 14	22 56	0 12	18 44	0 2	23 22	0 7	22 13	0 36	8 39	0 48	10 8	1 48	32 42	9 7	1 16	1 25	25 42			n.a.
T 17	23 19	13 38	2 39	22 42	0 58	23 6	0 9	18 55	0 1	23 24	0 7	22 14	0 36	8 39	0 48	10 7	1 48	32 42	9 7	1 13	1 23	25 44			n.a.
F 18	23 13	7 36	1 35	23 1	0 42	23 15	0 7	19 5	0 0	23 25	0 7	22 15	0 36	8 39	0 48	10 6	1 48	32 42	9 7	1 12	1 22	25 46			n.a.
S 19	23 7	1 26	0 29	23 19	0 27	23 24	0 4	19 15	0n 0	23 26	0 7	22 16	0 36	8 40	0 48	10 6	1 48	32 42	9 7	1 12	1 21	25 47			n.a.
S 20	23 1	4s36	0s37	23 35	0 13	23 32	0 1	19 25	0 1	23 28	0 7	22 17	0 36	8 40	0 48	10 5	1 48	32 42	9 7	1 12	1 19	25 49			n.a.
M21	22 55	10 20	1 40	23 51	0n 1	23 39	0n 1	19 35	0 2	23 29	0 7	22 18	0 36	8 41	0 48	10 5	1 48	32 42	9 7	1 12	1 18	25 51			n.a.
T 22	22 47	15 36	2 37	24 5	0 14	23 45	0 4	19 45	0 3	23 30	0 7	22 19	0 36	8 41	0 48	10 4	1 48	32 43	9 7	1 11	1 17	25 52			n.a.
W23	22 40	20 13	3 27	24 17	0 27	23 51	0 7	19 54	0 4	23 31	0 7	22 20	0 36	8 42	0 48	10 3	1 48	32 43	9 7	1 10	1 16	25 54			n.a.
T 24	22 32	24 3	4 8	24 27	0 38	23 56	0 9	20 4	0 4	23 32	0 8	22 21	0 36	8 42	0 48	10 3	1 48	32 43	9 7	1 7	1 14	25 56			n.a.
F 25	22 24	26 52	4 38	24 35	0 49	24 1	0 12	20 13	0 5	23 33	0 8	22 22	0 36	8 43	0 48	10 2	1 48	32 43	9 7	1 4	1 13	25 58			n.a.
S 26	22 15	28 30	4 56	24 40	0 59	24 4	0 15	20 22	0 6	23 34	0 8	22 22	0 36	8 43	0 48	10 1	1 48	32 43	9 7	1 0	1 12	25 59			n.a.
S 27	22 6	28 48	5 1	24 43	1 8	24 7	0 17	20 31	0 7	23 35	0 8	22 23	0 36	8 44	0 48	10 1	1 48	32 43	9 7	0 55	1 10	26 1			n.a.
M28	21 57	27 42	4 52	24 44	1 16	24 10	0 20	20 40	0 7	23 36	0 8	22 24	0 36	8 44	0 48	10 0	1 48	32 43	9 7	0 50	1 9	26 3			n.a.
T 29	21 47	25 14	4 30	24 41	1 23	24 11	0 22	20 49	0 8	23 37	0 8	22 25	0 36	8 45	0 48	9 59	1 48	32 43	9 7	0 45	1 8	26 4			n.a.
W30	21 37	21 32	3 54	24 37	1 29	24 12	0 25	20 57	0 9	23 38	0 8	22 26	0 36	8 46	0 48	9 59	1 48	32 43	9 7	0 41	1 7	26 6			n.a.
T 31	21n26	16s47	3s 6	24n29	1n34	24n12	0n27	21n 6	0n10	23n39	0n 8	22n26	0s36	8s46	0s48	9n58	1n48	32s43	9s 7	0n37	1n 5	26s 7			n.a.

Julian Day Number = 1291339.5, Delta T = 07h58m55s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'42, Lahiri = -20°12'42 Julian Calendar 1 July 1178 BCE == Greg. Calendar 20 June 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

AUGUST 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 52 37	26♋15'06	6♓33	17♋19	6♋ 5	2♊45	21♊ 6	15♊34	9°R46	9♍ 5	7°R30	1°R27	2♈39	5♐49	n.a.	F 1
S 2	19 56 34	27°13'28	19°38	19°14	7°19	3°22	21°17	15°41	9♓44	9° 7	7♑28	1♈25	2°35	5°56	n.a.	S 2
S 3	20 0 30	28°11'51	2♈56	21° 9	8°33	3°59	21°29	15°47	9°43	9° 8	7°27	1°D24	2°32	6° 2	n.a.	S 3
M 4	20 4 27	29°10'18	16°29	23° 4	9°47	4°36	21°41	15°54	9°41	9°10	7°26	1°25	2°29	6° 9	n.a.	M 4
T 5	20 8 23	0♌ 8'46	0♉16	24°59	11° 1	5°13	21°53	16° 0	9°39	9°12	7°25	1°R25	2°26	6°16	n.a.	T 5
W 6	20 12 20	1° 7'17	14°20	26°54	12°15	5°49	22° 5	16° 6	9°38	9°14	7°23	1°24	2°23	6°22	n.a.	W 6
T 7	20 16 16	2° 5'50	28°39	28°48	13°29	6°26	22°16	16°12	9°36	9°16	7°22	1°22	2°19	6°29	n.a.	T 7
F 8	20 20 13	3° 4'26	13♊12	0♌42	14°43	7° 2	22°28	16°19	9°34	9°18	7°21	1°17	2°16	6°36	n.a.	F 8
S 9	20 24 10	4° 3'04	27°52	2°34	15°57	7°38	22°40	16°25	9°32	9°20	7°20	1°10	2°13	6°43	n.a.	S 9
S 10	20 28 6	5° 1'44	12♋35	4°26	17°12	8°15	22°51	16°31	9°30	9°21	7°19	1° 1	2°10	6°49	n.a.	S 10
M11	20 32 3	6° 0'27	27°13	6°18	18°26	8°51	23° 2	16°37	9°29	9°23	7°18	0°52	2° 7	6°56	n.a.	M11
T 12	20 35 59	6°59'11	11♌37	8° 8	19°40	9°27	23°14	16°43	9°27	9°25	7°16	0°44	2° 4	7° 3	n.a.	T 12
W13	20 39 56	7°57'58	25°42	9°57	20°55	10° 3	23°25	16°49	9°25	9°27	7°15	0°38	2° 0	7° 9	n.a.	W13
T 14	20 43 52	8°56'46	9♍24	11°46	22° 9	10°39	23°36	16°54	9°23	9°29	7°14	0°33	1°57	7°16	n.a.	T 14
F 15	20 47 49	9°55'37	22°40	13°33	23°24	11°15	23°47	17° 0	9°21	9°31	7°13	0°31	1°54	7°23	n.a.	F 15
S 16	20 51 45	10°54'29	5♎33	15°19	24°38	11°50	23°58	17° 6	9°19	9°33	7°12	0°D31	1°51	7°30	n.a.	S 16
S 17	20 55 42	11°53'23	18° 4	17° 5	25°53	12°26	24° 9	17°11	9°17	9°35	7°11	0°32	1°48	7°36	n.a.	S 17
M18	20 59 39	12°52'20	0♏18	18°49	27° 7	13° 2	24°20	17°17	9°14	9°37	7°10	0°33	1°45	7°43	n.a.	M18
T 19	21 3 35	13°51'18	12°20	20°33	28°22	13°37	24°31	17°22	9°12	9°39	7° 9	0°R34	1°41	7°50	n.a.	T 19
W20	21 7 32	14°50'18	24°14	22°15	29°36	14°12	24°41	17°28	9°10	9°41	7° 8	0°33	1°38	7°56	n.a.	W20
T 21	21 11 28	15°49'20	6♐ 5	23°57	0♌51	14°48	24°52	17°33	9° 8	9°44	7° 7	0°31	1°35	8° 3	n.a.	T 21
F 22	21 15 25	16°48'24	17°59	25°38	2° 6	15°23	25° 2	17°38	9° 6	9°46	7° 6	0°27	1°32	8°10	n.a.	F 22
S 23	21 19 21	17°47'30	29°59	27°18	3°21	15°58	25°13	17°43	9° 4	9°48	7° 5	0°21	1°29	8°17	n.a.	S 23
S 24	21 23 18	18°46'38	12♑ 9	28°56	4°35	16°33	25°23	17°49	9° 1	9°50	7° 4	0°14	1°25	8°23	n.a.	S 24
M25	21 27 14	19°45'48	24°31	0♍35	5°50	17° 8	25°33	17°54	8°59	9°52	7° 3	0° 7	1°22	8°30	n.a.	M25
T 26	21 31 11	20°45'00	7♒ 6	2°12	7° 5	17°42	25°43	17°58	8°57	9°54	7° 2	29♓59	1°19	8°37	n.a.	T 26
W27	21 35 7	21°44'14	19°56	3°48	8°20	18°17	25°53	18° 3	8°55	9°56	7° 1	29°53	1°16	8°43	n.a.	W27
T 28	21 39 4	22°43'30	2♓59	5°24	9°35	18°52	26° 3	18° 8	8°52	9°58	7° 1	29°49	1°13	8°50	n.a.	T 28
F 29	21 43 1	23°42'49	16°15	6°58	10°50	19°26	26°13	18°13	8°50	10° 1	7° 0	29°46	1°10	8°57	n.a.	F 29
S 30	21 46 57	24°42'09	29°43	8°32	12° 5	20° 0	26°23	18°17	8°48	10° 3	6°59	29°D45	1° 6	9° 4	n.a.	S 30
S 31	21 50 54	25♌41'32	13♈22	10♍ 6	13♌20	20♊35	26♊32	18♊22	8♓45	10♍ 5	6♑58	29♓46	1♈ 3	9♐10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n15	11s14	2s 8	24n19	1n38	24n11	0n30	21n14	0n11	23n40	0n 9	22n27	0s36	8s47	0s48	9n57	1n48	32s43	9s 7	0n35	1n 4	26s 9		n.a.
S 2	21 4	5 7	1 2	24 7	1 42	24 10	0 32	21 22	0 12	23 41	0 9	22 28	0 35	8 47	0 48	9 57	1 48	32 43	9 7	0 34	1 3	26 11		n.a.
S 3	20 52	1n19	0n 8	23 52	1 45	24 8	0 34	21 30	0 12	23 42	0 9	22 29	0 35	8 48	0 48	9 56	1 48	32 44	9 7	0 34	1 1	26 12		n.a.
M 4	20 40	7 48	1 20	23 35	1 47	24 5	0 37	21 38	0 13	23 43	0 9	22 29	0 35	8 49	0 49	9 55	1 48	32 44	9 7	0 34	1 0	26 14		n.a.
T 5	20 27	14 3	2 28	23 16	1 48	24 1	0 39	21 45	0 14	23 44	0 9	22 30	0 35	8 49	0 49	9 54	1 48	32 44	9 7	0 34	0 59	26 16		n.a.
W 6	20 14	19 43	3 28	22 54	1 49	23 57	0 41	21 53	0 15	23 45	0 9	22 31	0 35	8 50	0 49	9 54	1 48	32 44	9 7	0 34	0 58	26 17		n.a.
T 7	20 1	24 22	4 17	22 31	1 49	23 52	0 43	22 0	0 16	23 46	0 9	22 32	0 35	8 51	0 49	9 53	1 48	32 44	9 7	0 33	0 56	26 19		n.a.
F 8	19 48	27 33	4 50	22 6	1 48	23 46	0 45	22 7	0 17	23 46	0 9	22 32	0 35	8 51	0 49	9 52	1 48	32 44	9 7	0 31	0 55	26 20		n.a.
S 9	19 34	28 53	5 4	21 39	1 47	23 39	0 48	22 14	0 17	23 47	0 10	22 33	0 35	8 52	0 49	9 51	1 47	32 44	9 7	0 28	0 54	26 22		n.a.
S 10	19 20	28 11	4 59	21 10	1 45	23 32	0 50	22 21	0 18	23 48	0 10	22 34	0 35	8 53	0 49	9 51	1 47	32 44	9 7	0 25	0 53	26 23		n.a.
M11	19 5	25 32	4 34	20 40	1 43	23 24	0 52	22 27	0 19	23 49	0 10	22 34	0 35	8 54	0 49	9 50	1 47	32 44	9 7	0 21	0 51	26 25		n.a.
T 12	18 50	21 17	3 51	20 9	1 40	23 15	0 54	22 34	0 20	23 50	0 10	22 35	0 35	8 54	0 49	9 49	1 47	32 44	9 7	0 18	0 50	26 27		n.a.
W13	18 35	15 55	2 56	19 36	1 37	23 6	0 56	22 40	0 21	23 50	0 10	22 36	0 35	8 55	0 49	9 48	1 47	32 44	9 7	0 15	0 49	26 28		n.a.
T 14	18 19	9 53	1 51	19 3	1 34	22 56	0 57	22 46	0 22	23 51	0 10	22 36	0 35	8 56	0 49	9 48	1 47	32 44	9 7	0 13	0 47	26 30		n.a.
F 15	18 3	3 36	0 42	18 28	1 30	22 45	0 59	22 52	0 23	23 52	0 10	22 37	0 35	8 57	0 49	9 47	1 47	32 44	9 6	0 13	0 46	26 31		n.a.
S 16	17 47	2s39	0s27	17 52	1 26	22 33	1 1	22 58	0 24	23 52	0 10	22 37	0 35	8 58	0 49	9 46	1 47	32 44	9 6	0 13	0 45	26 33		n.a.
S 17	17 31	8 38	1 33	17 15	1 21	22 21	1 3	23 4	0 24	23 53	0 11	22 38	0 35	8 58	0 49	9 45	1 47	32 44	9 6	0 13	0 44	26 34		n.a.
M18	17 14	14 9	2 34	16 38	1 16	22 8	1 4	23 9	0 25	23 53	0 11	22 39	0 35	8 59	0 49	9 44	1 47	32 44	9 6	0 13	0 42	26 36		n.a.
T 19	16 57	19 3	3 26	16 0	1 11	21 54	1 6	23 15	0 26	23 54	0 11	22 39	0 35	9 0	0 49	9 44	1 47	32 44	9 6	0 14	0 41	26 37		n.a.
W20	16 39	23 10	4 9	15 21	1 6	21 40	1 8	23 20	0 27	23 55	0 11	22 40	0 35	9 1	0 49	9 43	1 47	32 44	9 6	0 14	0 40	26 39		n.a.
T 21	16 21	26 18	4 41	14 42	1 0	21 25	1 9	23 25	0 28	23 55	0 11	22 40	0 35	9 2	0 49	9 42	1 47	32 44	9 6	0 13	0 38	26 40		n.a.
F 22	16 3	28 17	5 1	14 2	0 54	21 10	1 10	23 30	0 29	23 56	0 11	22 41	0 35	9 3	0 49	9 41	1 47	32 44	9 6	0 11	0 37	26 42		n.a.
S 23	15 45	28 59	5 9	13 22	0 48	20 54	1 12	23 35	0 30	23 56	0 11	22 41	0 35	9 3	0 49	9 40	1 47	32 44	9 6	0 9	0 36	26 43		n.a.
S 24	15 27	28 17	5 2	12 42	0 42	20 37	1 13	23 39	0 31	23 57	0 11	22 42	0 34	9 4	0 49	9 40	1 47	32 44	9 6	0 6	0 35	26 45		n.a.
M25	15 8	26 11	4 41	12 1	0 36	20 20	1 14	23 44	0 32	23 57	0 12	22 42	0 34	9 5	0 49	9 39	1 47	32 43	9 6	0 3	0 33	26 46		n.a.
T 26	14 49	22 47	4 7	11 19	0 29	20 2	1 16	23 48	0 33	23 58	0 12	22 43	0 34	9 6	0 49	9 38	1 47	32 43	9 5	0s 0	0 32	26 47		n.a.
W27	14 30	18 13	3 19	10 38	0 23	19 43	1 17	23 52	0 34	23 58	0 12	22 43	0 34	9 7	0 49	9 37	1 47	32 43	9 5	0 3	0 31	26 49		n.a.
T 28	14 10	12 45	2 20	9 56	0 16	19 24	1 18	23 56	0 35	23 59	0 12	22 44	0 34	9 8	0 49	9 36	1 47	32 43	9 5	0 5	0 29	26 50		n.a.
F 29	13 50	6 38	1 13	9 14	0 9	19 4	1 19	24 0	0 36	23 59	0 12	22 44	0 34	9 9	0 49	9 35	1 47	32 43	9 5	0 6	0 28	26 52		n.a.
S 30	13 30	0 7	0 0	8 33	0 3	18 44	1 20	24 4	0 37	24 0	0 12	22 45	0 34	9 10	0 49	9 35	1 47	32 43	9 5	0 6	0 27	26 53		n.a.
S 31	13n10	6n29	1n14	7n51	0s 4	18n23	1n21	24n 7	0n38	24n 0	0n12	22n45	0s34	9s11	0s49	9n34	1n47	32s43	9s 5	0s 6	0n26	26s55		n.a.

Julian Day Number = 1291370.5, Delta T = 07h58m53s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'38, Lahiri = -20°12'38 Julian Calendar 1 Aug. 1178 BCE == Greg. Calendar 21 July 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

SEPTEMBER 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 54 50	26♌40'58	27♈10	11♍38	14♌35	21♊ 9	26♊42	18♊26	8°R43	10♍ 7	6°R57	29♓47	1♈ 0	9♐17	n.a.	M 1
T 2	21 58 47	27°40'26	11♉ 7	13°10	15°50	21°43	26°51	18°31	8♓40	10° 9	6♑57	29°49	0°57	9°24	n.a.	T 2
W 3	22 2 43	28°39'56	25°12	14°40	17° 5	22°17	27° 0	18°35	8°38	10°12	6°56	29°R50	0°54	9°30	n.a.	W 3
T 4	22 6 40	29°39'29	9♊23	16°11	18°20	22°51	27° 9	18°39	8°36	10°14	6°55	29°49	0°51	9°37	n.a.	T 4
F 5	22 10 36	0♍39'05	23°38	17°40	19°35	23°24	27°18	18°43	8°33	10°16	6°54	29°48	0°47	9°44	n.a.	F 5
S 6	22 14 33	1°38'43	7♋56	19° 9	20°50	23°58	27°27	18°47	8°31	10°18	6°54	29°45	0°44	9°51	n.a.	S 6
S 7	22 18 30	2°38'23	22°11	20°36	22° 6	24°31	27°36	18°51	8°28	10°20	6°53	29°41	0°41	9°57	n.a.	S 7
M 8	22 22 26	3°38'06	6♌20	22° 4	23°21	25° 5	27°45	18°55	8°26	10°23	6°52	29°37	0°38	10° 4	n.a.	M 8
T 9	22 26 23	4°37'51	20°18	23°30	24°36	25°38	27°53	18°58	8°24	10°25	6°52	29°33	0°35	10°11	n.a.	T 9
W10	22 30 19	5°37'38	4♍ 2	24°55	25°51	26°11	28° 2	19° 2	8°21	10°27	6°51	29°31	0°31	10°17	n.a.	W10
T 11	22 34 16	6°37'27	17°28	26°20	27° 7	26°44	28°10	19° 6	8°19	10°29	6°51	29°29	0°28	10°24	n.a.	T 11
F 12	22 38 12	7°37'18	0♎36	27°44	28°22	27°17	28°18	19° 9	8°16	10°32	6°50	29°D28	0°25	10°31	n.a.	F 12
S 13	22 42 9	8°37'12	13°23	29° 7	29°37	27°49	28°26	19°12	8°14	10°34	6°50	29°29	0°22	10°38	n.a.	S 13
S 14	22 46 5	9°37'07	25°53	0♎28	0♍53	28°22	28°34	19°16	8°11	10°36	6°49	29°30	0°19	10°44	n.a.	S 14
M15	22 50 2	10°37'04	8♏ 7	1°49	2° 8	28°54	28°42	19°19	8° 9	10°38	6°49	29°32	0°16	10°51	n.a.	M15
T 16	22 53 58	11°37'03	20°10	3° 9	3°23	29°27	28°50	19°22	8° 6	10°41	6°48	29°33	0°12	10°58	n.a.	T 16
W17	22 57 55	12°37'03	2♐ 5	4°28	4°39	29°59	28°57	19°25	8° 4	10°43	6°48	29°34	0° 9	11° 4	n.a.	W17
T 18	23 1 52	13°37'06	13°57	5°45	5°54	0♋31	29° 5	19°27	8° 1	10°45	6°48	29°R35	0° 6	11°11	n.a.	T 18
F 19	23 5 48	14°37'10	25°51	7° 1	7°10	1° 3	29°12	19°30	7°59	10°47	6°47	29°34	0° 3	11°18	n.a.	F 19
S 20	23 9 45	15°37'17	7♑52	8°16	8°25	1°34	29°19	19°33	7°57	10°50	6°47	29°33	29♓59	11°25	n.a.	S 20
S 21	23 13 41	16°37'24	20° 3	9°29	9°40	2° 6	29°26	19°35	7°54	10°52	6°47	29°32	29°57	11°31	n.a.	S 21
M22	23 17 38	17°37'34	2♒30	10°40	10°56	2°37	29°33	19°38	7°52	10°54	6°46	29°30	29°53	11°38	n.a.	M22
T 23	23 21 34	18°37'45	15°13	11°49	12°11	3° 9	29°39	19°40	7°49	10°56	6°46	29°28	29°50	11°45	n.a.	T 23
W24	23 25 31	19°37'58	28°15	12°57	13°27	3°40	29°46	19°42	7°47	10°58	6°46	29°27	29°47	11°51	n.a.	W24
T 25	23 29 27	20°38'13	11♓37	14° 1	14°42	4°11	29°52	19°44	7°45	11° 1	6°46	29°26	29°44	11°58	n.a.	T 25
F 26	23 33 24	21°38'30	25°16	15° 3	15°58	4°41	29°58	19°46	7°42	11° 3	6°46	29°D26	29°41	12° 5	n.a.	F 26
S 27	23 37 20	22°38'48	9♈11	16° 3	17°13	5°12	0♋ 4	19°48	7°40	11° 5	6°45	29°26	29°37	12°12	n.a.	S 27
S 28	23 41 17	23°39'09	23°18	16°59	18°29	5°42	0°10	19°50	7°38	11° 7	6°45	29°26	29°34	12°18	n.a.	S 28
M29	23 45 14	24°39'31	7♉33	17°51	19°44	6°13	0°16	19°51	7°35	11°10	6°45	29°27	29°31	12°25	n.a.	M29
T 30	23 49 10	25♍39'56	21♉52	18♎39	21♍ 0	6♋43	0♋21	19♊53	7♓33	11♍12	6♑45	29♓27	29♓28	12♐32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n50	12n52	2n24	7n 9	0s11	18n 2	1n21	24n11	0n39	24n 0	0n13	22n45	0s34	9s11	0s49	9n33	1n47	32s43	9s 5	0s 5	0n24	26s56		n.a.
T 2	12 29	18 41	3 27	6 26	0 18	17 40	1 22	24 14	0 40	24 1	0 13	22 46	0 34	9 12	0 49	9 32	1 47	32 43	9 5	0 4	0 23	26 57		n.a.
W 3	12 8	23 32	4 18	5 44	0 25	17 17	1 23	24 17	0 41	24 1	0 13	22 46	0 34	9 13	0 49	9 31	1 47	32 43	9 5	0 4	0 22	26 59		n.a.
T 4	11 47	27 3	4 53	5 3	0 33	16 54	1 24	24 20	0 42	24 1	0 13	22 47	0 34	9 14	0 49	9 30	1 47	32 43	9 4	0 4	0 20	27 0		n.a.
F 5	11 25	28 51	5 11	4 21	0 40	16 31	1 24	24 23	0 43	24 2	0 13	22 47	0 34	9 15	0 49	9 29	1 47	32 43	9 4	0 5	0 19	27 1		n.a.
S 6	11 4	28 45	5 10	3 39	0 47	16 7	1 25	24 25	0 44	24 2	0 13	22 47	0 34	9 16	0 49	9 29	1 47	32 43	9 4	0 6	0 18	27 3		n.a.
S 7	10 42	26 44	4 49	2 58	0 54	15 43	1 25	24 28	0 45	24 2	0 14	22 48	0 34	9 17	0 49	9 28	1 47	32 42	9 4	0 8	0 17	27 4		n.a.
M 8	10 20	23 3	4 11	2 16	1 1	15 18	1 25	24 30	0 46	24 3	0 14	22 48	0 34	9 18	0 49	9 27	1 47	32 42	9 4	0 9	0 15	27 6		n.a.
T 9	9 58	18 5	3 19	1 35	1 8	14 53	1 26	24 32	0 47	24 3	0 14	22 49	0 34	9 19	0 49	9 26	1 47	32 42	9 4	0 11	0 14	27 7		n.a.
W10	9 36	12 17	2 15	0 54	1 15	14 27	1 26	24 35	0 48	24 3	0 14	22 49	0 34	9 20	0 49	9 25	1 47	32 42	9 4	0 12	0 13	27 8		n.a.
T 11	9 14	6 2	1 6	0 14	1 22	14 1	1 26	24 37	0 49	24 4	0 14	22 49	0 34	9 21	0 49	9 24	1 47	32 42	9 3	0 13	0 11	27 10		n.a.
F 12	8 51	0s20	0s 6	0s26	1 29	13 35	1 26	24 38	0 50	24 4	0 14	22 50	0 34	9 22	0 49	9 23	1 47	32 42	9 3	0 13	0 10	27 11		n.a.
S 13	8 28	6 32	1 16	1 6	1 35	13 8	1 26	24 40	0 51	24 4	0 14	22 50	0 34	9 23	0 49	9 23	1 47	32 42	9 3	0 13	0 9	27 12		n.a.
S 14	8 5	12 20	2 20	1 45	1 42	12 41	1 26	24 42	0 52	24 4	0 15	22 50	0 34	9 24	0 49	9 22	1 47	32 42	9 3	0 12	0 8	27 13		n.a.
M15	7 42	17 33	3 17	2 23	1 48	12 13	1 26	24 43	0 53	24 5	0 15	22 50	0 34	9 24	0 49	9 21	1 47	32 41	9 3	0 11	0 6	27 15		n.a.
T 16	7 19	22 0	4 4	3 1	1 55	11 46	1 26	24 44	0 54	24 5	0 15	22 51	0 34	9 25	0 49	9 20	1 47	32 41	9 3	0 11	0 5	27 16		n.a.
W17	6 56	25 30	4 40	3 39	2 1	11 17	1 26	24 46	0 55	24 5	0 15	22 51	0 34	9 26	0 49	9 19	1 47	32 41	9 2	0 10	0 4	27 17		n.a.
T 18	6 33	27 53	5 4	4 15	2 7	10 49	1 25	24 47	0 56	24 5	0 15	22 51	0 34	9 27	0 49	9 18	1 47	32 41	9 2	0 10	0 2	27 19		n.a.
F 19	6 9	29 1	5 15	4 51	2 12	10 20	1 25	24 48	0 58	24 5	0 15	22 51	0 33	9 28	0 49	9 17	1 47	32 41	9 2	0 10	0 1	27 20		n.a.
S 20	5 46	28 48	5 13	5 26	2 18	9 51	1 25	24 48	0 59	24 6	0 16	22 52	0 33	9 29	0 49	9 16	1 47	32 41	9 2	0 11	0s 0	27 21		n.a.
S 21	5 22	27 11	4 56	6 0	2 23	9 22	1 24	24 49	1 0	24 6	0 16	22 52	0 33	9 30	0 49	9 16	1 47	32 41	9 2	0 11	0 1	27 22		n.a.
M22	4 58	24 14	4 25	6 33	2 28	8 52	1 23	24 50	1 1	24 6	0 16	22 52	0 33	9 31	0 49	9 15	1 47	32 40	9 2	0 12	0 3	27 24		n.a.
T 23	4 34	20 3	3 41	7 5	2 33	8 22	1 23	24 50	1 2	24 6	0 16	22 52	0 33	9 32	0 49	9 14	1 47	32 40	9 1	0 13	0 4	27 25		n.a.
W24	4 10	14 50	2 44	7 36	2 37	7 52	1 22	24 50	1 3	24 6	0 16	22 53	0 33	9 33	0 49	9 13	1 47	32 40	9 1	0 13	0 5	27 26		n.a.
T 25	3 46	8 49	1 37	8 5	2 41	7 22	1 21	24 51	1 5	24 7	0 16	22 53	0 33	9 34	0 49	9 12	1 47	32 40	9 1	0 14	0 7	27 27		n.a.
F 26	3 22	2 16	0 23	8 32	2 44	6 52	1 21	24 51	1 6	24 7	0 17	22 53	0 33	9 34	0 49	9 11	1 47	32 40	9 1	0 14	0 8	27 28		n.a.
S 27	2 58	4n31	0n54	8 58	2 47	6 21	1 20	24 51	1 7	24 7	0 17	22 53	0 33	9 35	0 49	9 11	1 47	32 40	9 1	0 14	0 9	27 30		n.a.
S 28	2 34	11 11	2 8	9 22	2 49	5 50	1 19	24 51	1 8	24 7	0 17	22 53	0 33	9 36	0 49	9 10	1 47	32 39	9 1	0 14	0 10	27 31		n.a.
M29	2 9	17 20	3 16	9 44	2 51	5 19	1 18	24 51	1 9	24 7	0 17	22 54	0 33	9 37	0 49	9 9	1 47	32 39	9 0	0 13	0 12	27 32		n.a.
T 30	1n45	22n34	4n11	10s 4	2s52	4n48	1n17	24n50	1n11	24n 7	0n17	22n54	0s33	9s38	0s49	9n 8	1n47	32s39	9s 0	0s13	0s13	27s33		n.a.

Julian Day Number = 1291401.5, Delta T = 07h58m52s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'34, Lahiri = -20°12'33 Julian Calendar 1 Sept. 1178 BCE == Greg. Calendar 21 Aug. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

OCTOBER 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 53 7	26♍40'23	6♊11	19♎22	22♍16	7♋13	0♋27	19♊54	7°R31	11♍14	6°R45	29♓27	29♓25	12♐38	n.a.	W 1
T 2	23 57 3	27°40'52	20°26	20° 1	23°31	7°42	0°32	19°56	7♓28	11°16	6°D45	29°28	29°22	12°45	n.a.	T 2
F 3	0 1 0	28°41'23	4♋36	20°33	24°47	8°12	0°37	19°57	7°26	11°18	6♑45	29°R28	29°18	12°52	n.a.	F 3
S 4	0 4 56	29°41'56	18°38	21° 0	26° 2	8°41	0°42	19°58	7°24	11°20	6°45	29°D28	29°15	12°59	n.a.	S 4
S 5	0 8 53	0♎42'31	2♌31	21°19	27°18	9°11	0°47	19°59	7°22	11°23	6°45	29°28	29°12	13° 5	n.a.	S 5
M 6	0 12 49	1°43'08	16°13	21°30	28°34	9°40	0°51	20° 0	7°20	11°25	6°45	29°28	29° 9	13°12	n.a.	M 6
T 7	0 16 46	2°43'46	29°42	21°R33	29°49	10° 8	0°56	20° 0	7°17	11°27	6°45	29°28	29° 6	13°19	n.a.	T 7
W 8	0 20 43	3°44'27	12♍59	21°27	1♎ 5	10°37	1° 0	20° 1	7°15	11°29	6°46	29°28	29° 2	13°25	n.a.	W 8
T 9	0 24 39	4°45'09	26° 3	21°11	2°20	11° 5	1° 4	20° 2	7°13	11°31	6°46	29°R29	28°59	13°32	n.a.	T 9
F 10	0 28 36	5°45'53	8♎53	20°45	3°36	11°33	1° 8	20° 2	7°11	11°33	6°46	29°28	28°56	13°39	n.a.	F 10
S 11	0 32 32	6°46'38	21°29	20° 8	4°52	12° 1	1°12	20° 2	7° 9	11°35	6°46	29°28	28°53	13°46	n.a.	S 11
S 12	0 36 29	7°47'25	3♏51	19°21	6° 7	12°29	1°15	20° 2	7° 7	11°37	6°47	29°27	28°50	13°52	n.a.	S 12
M13	0 40 25	8°48'13	16° 2	18°24	7°23	12°57	1°18	20°R 3	7° 5	11°39	6°47	29°26	28°47	13°59	n.a.	M13
T 14	0 44 22	9°49'03	28° 3	17°19	8°38	13°24	1°21	20° 2	7° 3	11°41	6°47	29°24	28°43	14° 6	n.a.	T 14
W15	0 48 18	10°49'54	9♐58	16° 5	9°54	13°51	1°24	20° 2	7° 1	11°43	6°48	29°23	28°40	14°12	n.a.	W15
T 16	0 52 15	11°50'46	21°49	14°47	11°10	14°18	1°27	20° 2	6°59	11°45	6°48	29°21	28°37	14°19	n.a.	T 16
F 17	0 56 12	12°51'39	3♑42	13°26	12°25	14°44	1°30	20° 2	6°57	11°47	6°48	29°21	28°34	14°26	n.a.	F 17
S 18	1 0 8	13°52'33	15°40	12° 4	13°41	15°11	1°32	20° 1	6°56	11°49	6°49	29°D20	28°31	14°33	n.a.	S 18
S 19	1 4 5	14°53'28	27°49	10°44	14°57	15°37	1°34	20° 1	6°54	11°51	6°49	29°21	28°28	14°39	n.a.	S 19
M20	1 8 1	15°54'25	10♒13	9°30	16°12	16° 2	1°36	20° 0	6°52	11°53	6°50	29°22	28°24	14°46	n.a.	M20
T 21	1 11 58	16°55'22	22°56	8°23	17°28	16°28	1°38	19°59	6°50	11°55	6°50	29°23	28°21	14°53	n.a.	T 21
W22	1 15 54	17°56'20	6♓ 1	7°26	18°43	16°53	1°40	19°58	6°49	11°57	6°51	29°25	28°18	15° 0	n.a.	W22
T 23	1 19 51	18°57'19	19°31	6°38	19°59	17°18	1°41	19°57	6°47	11°59	6°51	29°26	28°15	15° 6	n.a.	T 23
F 24	1 23 47	19°58'19	3♈25	6° 2	21°14	17°43	1°42	19°56	6°45	12° 1	6°52	29°R26	28°12	15°13	n.a.	F 24
S 25	1 27 44	20°59'20	17°41	5°38	22°30	18° 7	1°44	19°54	6°44	12° 3	6°52	29°25	28° 8	15°20	n.a.	S 25
S 26	1 31 41	22° 0'22	2♉15	5°25	23°46	18°31	1°44	19°53	6°42	12° 5	6°53	29°23	28° 5	15°26	n.a.	S 26
M27	1 35 37	23° 1'25	17° 0	5°D23	25° 1	18°55	1°45	19°52	6°41	12° 6	6°54	29°20	28° 2	15°33	n.a.	M27
T 28	1 39 34	24° 2'30	1♊49	5°32	26°17	19°19	1°45	19°50	6°39	12° 8	6°54	29°17	27°59	15°40	n.a.	T 28
W29	1 43 30	25° 3'35	16°33	5°50	27°32	19°42	1°46	19°48	6°38	12°10	6°55	29°13	27°56	15°47	n.a.	W29
T 30	1 47 27	26° 4'42	1♋ 7	6°16	28°48	20° 5	1°R46	19°46	6°37	12°12	6°56	29°10	27°53	15°53	n.a.	T 30
F 31	1 51 23	27♎ 5'51	15♋25	6♎51	0♏ 3	20♋27	1♋46	19♊45	6♓35	12♍13	6♑57	29♓ 8	27♓49	16♐ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n21	26n28	4n51	10s21	2s52	4n17	1n16	24n50	1n12	24n 8	0n17	22n54	0s33	9s39	0s49	9n 7	1n47	32s39	9s 0	0s13	0s14	27s34			n.a.
T 2	0 56	28 41	5 13	10 35	2 51	3 45	1 15	24 50	1 13	24 8	0 18	22 54	0 33	9 40	0 49	9 6	1 47	32 39	9 0	0 13	0 16	27 36			n.a.
F 3	0 32	29 1	5 16	10 46	2 49	3 14	1 13	24 49	1 14	24 8	0 18	22 54	0 33	9 40	0 49	9 6	1 47	32 39	9 0	0 13	0 17	27 37			n.a.
S 4	0 7	27 27	4 59	10 53	2 47	2 42	1 12	24 48	1 16	24 8	0 18	22 54	0 33	9 41	0 49	9 5	1 47	32 38	9 0	0 13	0 18	27 38			n.a.
S 5	0s17	24 14	4 26	10 57	2 43	2 10	1 11	24 48	1 17	24 8	0 18	22 54	0 33	9 42	0 49	9 4	1 47	32 38	8 59	0 13	0 19	27 39			n.a.
M 6	0 42	19 42	3 38	10 57	2 37	1 38	1 9	24 47	1 18	24 8	0 18	22 54	0 33	9 43	0 49	9 3	1 47	32 38	8 59	0 13	0 21	27 40			n.a.
T 7	1 6	14 13	2 38	10 52	2 31	1 7	1 8	24 46	1 20	24 9	0 18	22 55	0 33	9 44	0 49	9 2	1 47	32 38	8 59	0 13	0 22	27 41			n.a.
W 8	1 31	8 10	1 30	10 42	2 23	0 35	1 6	24 45	1 21	24 9	0 19	22 55	0 33	9 44	0 49	9 2	1 47	32 38	8 59	0 13	0 23	27 42			n.a.
T 9	1 55	1 53	0 19	10 26	2 13	0 3	1 5	24 44	1 22	24 9	0 19	22 55	0 33	9 45	0 49	9 1	1 48	32 38	8 59	0 13	0 25	27 43			n.a.
F 10	2 20	4s22	0s52	10 6	2 1	0s29	1 3	24 43	1 24	24 9	0 19	22 55	0 33	9 46	0 49	9 0	1 48	32 37	8 58	0 13	0 26	27 45			n.a.
S 11	2 44	10 20	1 59	9 39	1 48	1 1	1 2	24 42	1 25	24 9	0 19	22 55	0 33	9 47	0 49	8 59	1 48	32 37	8 58	0 13	0 27	27 46			n.a.
S 12	3 8	15 49	2 59	9 7	1 33	1 33	1 0	24 41	1 27	24 9	0 19	22 55	0 33	9 47	0 49	8 58	1 48	32 37	8 58	0 13	0 28	27 47			n.a.
M13	3 33	20 34	3 50	8 30	1 16	2 5	0 58	24 39	1 28	24 9	0 20	22 55	0 33	9 48	0 49	8 58	1 48	32 37	8 58	0 14	0 30	27 48			n.a.
T 14	3 57	24 26	4 30	7 47	0 58	2 37	0 57	24 38	1 29	24 10	0 20	22 55	0 33	9 49	0 49	8 57	1 48	32 37	8 58	0 14	0 31	27 49			n.a.
W15	4 21	27 14	4 58	7 1	0 38	3 9	0 55	24 36	1 31	24 10	0 20	22 55	0 32	9 50	0 49	8 56	1 48	32 36	8 58	0 15	0 32	27 50			n.a.
T 16	4 46	28 47	5 13	6 12	0 18	3 41	0 53	24 35	1 32	24 10	0 20	22 55	0 32	9 50	0 48	8 55	1 48	32 36	8 57	0 16	0 34	27 51			n.a.
F 17	5 10	29 2	5 15	5 21	0n 3	4 12	0 51	24 34	1 34	24 10	0 20	22 55	0 32	9 51	0 48	8 55	1 48	32 36	8 57	0 16	0 35	27 52			n.a.
S 18	5 34	27 55	5 3	4 29	0 23	4 44	0 49	24 32	1 35	24 10	0 21	22 55	0 32	9 52	0 48	8 54	1 48	32 36	8 57	0 16	0 36	27 53			n.a.
S 19	5 58	25 29	4 38	3 39	0 43	5 15	0 47	24 30	1 37	24 10	0 21	22 55	0 32	9 52	0 48	8 53	1 48	32 36	8 57	0 16	0 37	27 54			n.a.
M20	6 22	21 48	3 59	2 52	1 2	5 47	0 45	24 29	1 38	24 11	0 21	22 55	0 32	9 53	0 48	8 52	1 48	32 35	8 57	0 15	0 39	27 55			n.a.
T 21	6 45	17 3	3 8	2 10	1 20	6 18	0 43	24 27	1 40	24 11	0 21	22 55	0 32	9 54	0 48	8 52	1 48	32 35	8 56	0 15	0 40	27 56			n.a.
W22	7 9	11 24	2 6	1 32	1 36	6 49	0 41	24 25	1 41	24 11	0 21	22 55	0 32	9 54	0 48	8 51	1 48	32 35	8 56	0 14	0 41	27 57			n.a.
T 23	7 33	5 3	0 54	1 0	1 50	7 20	0 39	24 24	1 43	24 11	0 22	22 55	0 32	9 55	0 48	8 50	1 48	32 35	8 56	0 14	0 43	27 58			n.a.
F 24	7 56	1n43	0n22	0 35	2 2	7 51	0 37	24 22	1 44	24 11	0 22	22 55	0 32	9 55	0 48	8 50	1 48	32 35	8 56	0 14	0 44	27 59			n.a.
S 25	8 19	8 34	1 39	0 16	2 12	8 22	0 35	24 20	1 46	24 11	0 22	22 55	0 32	9 56	0 48	8 49	1 48	32 34	8 56	0 14	0 45	28 0			n.a.
S 26	8 43	15 7	2 51	0 3	2 20	8 52	0 33	24 18	1 48	24 12	0 22	22 55	0 32	9 56	0 48	8 48	1 48	32 34	8 56	0 15	0 46	28 1			n.a.
M27	9 6	20 54	3 52	0n 3	2 26	9 22	0 30	24 17	1 49	24 12	0 22	22 55	0 32	9 57	0 48	8 48	1 48	32 34	8 55	0 16	0 48	28 2			n.a.
T 28	9 29	25 24	4 38	0 4	2 30	9 52	0 28	24 15	1 51	24 12	0 23	22 55	0 32	9 57	0 48	8 47	1 48	32 34	8 55	0 18	0 49	28 3			n.a.
W29	9 51	28 13	5 6	0s 1	2 33	10 22	0 26	24 13	1 53	24 12	0 23	22 55	0 32	9 58	0 48	8 46	1 48	32 33	8 55	0 19	0 50	28 4			n.a.
T 30	10 14	29 3	5 13	0 10	2 35	10 52	0 24	24 11	1 54	24 12	0 23	22 55	0 32	9 58	0 48	8 46	1 48	32 33	8 55	0 20	0 51	28 5			n.a.
F 31	10s36	27n55	5n 1	0s24	2n35	11s21	0n21	24n10	1n56	24n13	0n23	22n54	0s32	9s59	0s48	8n45	1n48	32s33	8s55	0s21	0s53	28s 6			n.a.

Julian Day Number = 1291431.5, Delta T = 07h58m50s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'30, Lahiri = -20°12'29 Julian Calendar 1 Oct. 1178 BCE == Greg. Calendar 20 Sept. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

NOVEMBER 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 20	28♎ 7'00	29♋25	7♎33	1♏19	20♋50	1°R45	19°R42	6°R34	12♍15	6♉58	29°D 8	27♓46	16♐ 7	n.a.	S 1
S 2	1 59 17	29° 8'10	13♌ 7	8°20	2°35	21°12	1♋45	19♊40	6♓33	12°17	6°58	29♓ 8	27°43	16°13	n.a.	S 2
M 3	2 3 13	0♏ 9'21	26°31	9°13	3°50	21°33	1°44	19°38	6°32	12°18	6°59	29°10	27°40	16°20	n.a.	M 3
T 4	2 7 10	1°10'33	9♍39	10°11	5° 6	21°54	1°43	19°36	6°31	12°20	7° 0	29°12	27°37	16°27	n.a.	T 4
W 5	2 11 6	2°11'47	22°33	11°14	6°21	22°15	1°42	19°33	6°29	12°22	7° 1	29°13	27°34	16°34	n.a.	W 5
T 6	2 15 3	3°13'01	5♎14	12°20	7°37	22°36	1°41	19°31	6°28	12°23	7° 2	29°R13	27°30	16°40	n.a.	T 6
F 7	2 18 59	4°14'15	17°44	13°29	8°52	22°56	1°39	19°28	6°27	12°25	7° 3	29°11	27°27	16°47	n.a.	F 7
S 8	2 22 56	5°15'31	0♏ 5	14°40	10° 8	23°15	1°37	19°25	6°26	12°26	7° 4	29° 8	27°24	16°54	n.a.	S 8
S 9	2 26 52	6°16'47	12°16	15°55	11°23	23°35	1°36	19°22	6°25	12°28	7° 5	29° 2	27°21	17° 1	n.a.	S 9
M10	2 30 49	7°18'03	24°20	17°11	12°39	23°53	1°33	19°20	6°25	12°29	7° 6	28°55	27°18	17° 7	n.a.	M10
T 11	2 34 46	8°19'20	6♐18	18°29	13°54	24°12	1°31	19°17	6°24	12°31	7° 7	28°47	27°14	17°14	n.a.	T 11
W12	2 38 42	9°20'38	18°11	19°49	15°10	24°30	1°29	19°13	6°23	12°32	7° 8	28°39	27°11	17°21	n.a.	W12
T 13	2 42 39	10°21'55	0♑ 2	21°10	16°25	24°48	1°26	19°10	6°22	12°34	7° 9	28°32	27° 8	17°27	n.a.	T 13
F 14	2 46 35	11°23'13	11°53	22°33	17°41	25° 5	1°23	19° 7	6°22	12°35	7°10	28°26	27° 5	17°34	n.a.	F 14
S 15	2 50 32	12°24'31	23°49	23°56	18°56	25°21	1°20	19° 4	6°21	12°36	7°11	28°22	27° 2	17°41	n.a.	S 15
S 16	2 54 28	13°25'48	5♒54	25°21	20°12	25°38	1°17	19° 0	6°21	12°38	7°12	28°20	26°59	17°48	n.a.	S 16
M17	2 58 25	14°27'06	18°12	26°46	21°27	25°53	1°13	18°56	6°20	12°39	7°13	28°D20	26°55	17°54	n.a.	M17
T 18	3 2 21	15°28'23	0♓48	28°12	22°43	26° 9	1°10	18°53	6°20	12°40	7°15	28°21	26°52	18° 1	n.a.	T 18
W19	3 6 18	16°29'41	13°48	29°39	23°58	26°24	1° 6	18°49	6°19	12°42	7°16	28°22	26°49	18° 8	n.a.	W19
T 20	3 10 15	17°30'58	27°13	1♏ 6	25°13	26°38	1° 2	18°45	6°19	12°43	7°17	28°R23	26°46	18°14	n.a.	T 20
F 21	3 14 11	18°32'15	11♈ 8	2°34	26°29	26°52	0°58	18°42	6°18	12°44	7°18	28°22	26°43	18°21	n.a.	F 21
S 22	3 18 8	19°33'31	25°31	4° 3	27°44	27° 5	0°53	18°38	6°18	12°45	7°20	28°19	26°39	18°28	n.a.	S 22
S 23	3 22 4	20°34'48	10♉19	5°32	28°59	27°18	0°49	18°34	6°18	12°46	7°21	28°14	26°36	18°35	n.a.	S 23
M24	3 26 1	21°36'05	25°24	7° 1	0♐15	27°30	0°44	18°30	6°18	12°47	7°22	28° 6	26°33	18°41	n.a.	M24
T 25	3 29 57	22°37'21	10♊37	8°31	1°30	27°41	0°39	18°25	6°18	12°48	7°24	27°58	26°30	18°48	n.a.	T 25
W26	3 33 54	23°38'38	25°48	10° 1	2°45	27°53	0°34	18°21	6°D18	12°49	7°25	27°49	26°27	18°55	n.a.	W26
T 27	3 37 51	24°39'54	10♋45	11°32	4° 1	28° 3	0°29	18°17	6°18	12°50	7°26	27°41	26°24	19° 2	n.a.	T 27
F 28	3 41 47	25°41'11	25°22	13° 3	5°16	28°13	0°24	18°13	6°18	12°51	7°28	27°35	26°20	19° 8	n.a.	F 28
S 29	3 45 44	26°42'27	9♌33	14°35	6°31	28°22	0°18	18° 8	6°18	12°52	7°29	27°31	26°17	19°15	n.a.	S 29
S 30	3 49 40	27♏43'44	23♌19	16♏ 7	7♐47	28♋31	0♋13	18♊ 4	6♓18	12♍53	7♉30	27°D30	26♓14	19♐22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s59	25n 1	4n31	0s41	2n34	11s50	0n19	24n 8	1n58	24n13	0n23	22n54	0s32	9s59	0s48	8n44	1n48	32s33	8s55	0s21	0s54	28s 7		n.a.
S 2	11 21	20 45	3 46	1 2	2 33	12 18	0 17	24 6	1 59	24 13	0 24	22 54	0 32	10 0	0 48	8 44	1 48	32 33	8 54	0 21	0 55	28 8		n.a.
M 3	11 43	15 32	2 49	1 25	2 30	12 47	0 14	24 4	2 1	24 13	0 24	22 54	0 31	10 0	0 48	8 43	1 49	32 32	8 54	0 20	0 57	28 8		n.a.
T 4	12 5	9 42	1 45	1 52	2 26	13 15	0 12	24 3	2 3	24 13	0 24	22 54	0 31	10 1	0 48	8 43	1 49	32 32	8 54	0 20	0 58	28 9		n.a.
W 5	12 26	3 34	0 36	2 20	2 22	13 42	0 10	24 1	2 5	24 14	0 24	22 54	0 31	10 1	0 48	8 42	1 49	32 32	8 54	0 19	0 59	28 10		n.a.
T 6	12 47	2s37	0s33	2 50	2 18	14 10	0 7	23 59	2 6	24 14	0 24	22 54	0 31	10 1	0 48	8 42	1 49	32 32	8 54	0 19	1 0	28 11		n.a.
F 7	13 9	8 36	1 39	3 22	2 13	14 37	0 5	23 58	2 8	24 14	0 25	22 54	0 31	10 2	0 48	8 41	1 49	32 32	8 54	0 20	1 2	28 12		n.a.
S 8	13 29	14 10	2 40	3 55	2 7	15 3	0 3	23 56	2 10	24 14	0 25	22 53	0 31	10 2	0 48	8 40	1 49	32 31	8 54	0 21	1 3	28 13		n.a.
S 9	13 50	19 8	3 33	4 30	2 1	15 30	0 0	23 54	2 12	24 15	0 25	22 53	0 31	10 2	0 48	8 40	1 49	32 31	8 53	0 23	1 4	28 14		n.a.
M10	14 11	23 17	4 15	5 5	1 55	15 55	0s 2	23 53	2 14	24 15	0 25	22 53	0 31	10 3	0 48	8 39	1 49	32 31	8 53	0 26	1 6	28 14		n.a.
T 11	14 31	26 24	4 45	5 41	1 49	16 21	0 4	23 52	2 16	24 15	0 25	22 53	0 31	10 3	0 48	8 39	1 49	32 31	8 53	0 29	1 7	28 15		n.a.
W12	14 51	28 20	5 4	6 18	1 42	16 46	0 7	23 50	2 18	24 15	0 26	22 53	0 31	10 3	0 48	8 38	1 49	32 31	8 53	0 33	1 8	28 16		n.a.
T 13	15 10	28 59	5 8	6 55	1 35	17 10	0 9	23 49	2 20	24 16	0 26	22 52	0 31	10 3	0 48	8 38	1 49	32 30	8 53	0 36	1 9	28 17		n.a.
F 14	15 30	28 17	5 0	7 33	1 29	17 34	0 12	23 48	2 22	24 16	0 26	22 52	0 31	10 4	0 47	8 37	1 49	32 30	8 53	0 38	1 11	28 18		n.a.
S 15	15 49	26 16	4 39	8 11	1 21	17 58	0 14	23 46	2 24	24 16	0 26	22 52	0 31	10 4	0 47	8 37	1 49	32 30	8 53	0 40	1 12	28 19		n.a.
S 16	16 8	23 4	4 5	8 49	1 14	18 21	0 16	23 45	2 26	24 16	0 26	22 52	0 31	10 4	0 47	8 36	1 49	32 30	8 52	0 40	1 13	28 19		n.a.
M17	16 26	18 47	3 19	9 27	1 7	18 44	0 19	23 44	2 28	24 17	0 27	22 52	0 31	10 4	0 47	8 36	1 49	32 30	8 52	0 41	1 15	28 20		n.a.
T 18	16 45	13 36	2 23	10 5	1 0	19 6	0 21	23 43	2 30	24 17	0 27	22 51	0 30	10 4	0 47	8 36	1 49	32 29	8 52	0 40	1 16	28 21		n.a.
W19	17 3	7 40	1 18	10 43	0 53	19 27	0 23	23 43	2 32	24 17	0 27	22 51	0 30	10 4	0 47	8 35	1 49	32 29	8 52	0 40	1 17	28 22		n.a.
T 20	17 20	1 13	0 6	11 21	0 45	19 48	0 26	23 42	2 34	24 17	0 27	22 51	0 30	10 4	0 47	8 35	1 49	32 29	8 52	0 39	1 18	28 22		n.a.
F 21	17 38	5n31	1n 8	11 58	0 38	20 9	0 28	23 41	2 36	24 17	0 27	22 51	0 30	10 4	0 47	8 34	1 50	32 29	8 52	0 40	1 20	28 23		n.a.
S 22	17 55	12 12	2 20	12 36	0 31	20 28	0 30	23 41	2 38	24 18	0 28	22 50	0 30	10 5	0 47	8 34	1 50	32 29	8 52	0 41	1 21	28 24		n.a.
S 23	18 12	18 24	3 25	13 13	0 24	20 48	0 33	23 40	2 41	24 18	0 28	22 50	0 30	10 5	0 47	8 34	1 50	32 28	8 52	0 43	1 22	28 25		n.a.
M24	18 28	23 35	4 17	13 49	0 17	21 6	0 35	23 40	2 43	24 18	0 28	22 50	0 30	10 5	0 47	8 33	1 50	32 28	8 51	0 46	1 24	28 25		n.a.
T 25	18 44	27 13	4 51	14 26	0 9	21 24	0 37	23 40	2 45	24 18	0 28	22 50	0 30	10 5	0 47	8 33	1 50	32 28	8 51	0 49	1 25	28 26		n.a.
W26	19 0	28 51	5 5	15 2	0 2	21 42	0 39	23 40	2 47	24 19	0 28	22 49	0 30	10 5	0 47	8 32	1 50	32 28	8 51	0 53	1 26	28 27		n.a.
T 27	19 15	28 20	4 57	15 37	0s 5	21 59	0 41	23 40	2 49	24 19	0 29	22 49	0 30	10 5	0 47	8 32	1 50	32 28	8 51	0 56	1 27	28 28		n.a.
F 28	19 30	25 50	4 30	16 12	0 11	22 15	0 44	23 40	2 52	24 19	0 29	22 49	0 30	10 4	0 47	8 32	1 50	32 27	8 51	0 59	1 29	28 28		n.a.
S 29	19 45	21 48	3 47	16 46	0 18	22 30	0 46	23 40	2 54	24 19	0 29	22 48	0 30	10 4	0 47	8 32	1 50	32 27	8 51	1 0	1 30	28 29		n.a.
S 30	19s59	16n40	2n52	17s20	0s25	22s45	0s48	23n40	2n56	24n19	0n29	22n48	0s30	10s 4	0s47	8n31	1n50	32s27	8s51	1s 1	1s31	28s30		n.a.

Julian Day Number = 1291462.5, Delta T = 07h58m49s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'25, Lahiri = -20°12'25 Julian Calendar 1 Nov. 1178 BCE == Greg. Calendar 21 Oct. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1178 BCE
geocentric

DECEMBER 1178 BCE (-1177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 53 37	28♏45'00	6♍39	17♏39	9♐ 2	28♋39	0°R 7	17°R59	6♓18	12♍54	7♑32	27♓30	26♓11	19♐28	n.a.	M 1
T 2	3 57 33	29°46'16	19°38	19°12	10°17	28°47	0♌ 1	17♊55	6°19	12°55	7°33	27°31	26° 8	19°35	n.a.	T 2
W 3	4 1 30	0♐47'32	2♎18	20°45	11°33	28°53	29♊55	17°50	6°19	12°56	7°35	27°R31	26° 5	19°42	n.a.	W 3
T 4	4 5 26	1°48'48	14°44	22°19	12°48	29° 0	29°48	17°46	6°19	12°56	7°36	27°29	26° 1	19°49	n.a.	T 4
F 5	4 9 23	2°50'03	26°59	23°53	14° 3	29° 5	29°42	17°41	6°20	12°57	7°38	27°25	25°58	19°55	n.a.	F 5
S 6	4 13 20	3°51'19	9♏ 6	25°28	15°18	29°10	29°36	17°36	6°20	12°58	7°39	27°18	25°55	20° 2	n.a.	S 6
S 7	4 17 16	4°52'33	21° 7	27° 3	16°33	29°14	29°29	17°32	6°21	12°58	7°41	27° 8	25°52	20° 9	n.a.	S 7
M 8	4 21 13	5°53'47	3♐ 4	28°38	17°49	29°17	29°22	17°27	6°21	12°59	7°42	26°56	25°49	20°16	n.a.	M 8
T 9	4 25 9	6°55'01	14°58	0♐14	19° 4	29°20	29°15	17°22	6°22	13° 0	7°44	26°42	25°45	20°22	n.a.	T 9
W10	4 29 6	7°56'14	26°50	1°50	20°19	29°22	29° 9	17°17	6°23	13° 0	7°45	26°28	25°42	20°29	n.a.	W10
T 11	4 33 2	8°57'26	8♑42	3°27	21°34	29°23	29° 1	17°12	6°23	13° 1	7°47	26°14	25°39	20°36	n.a.	T 11
F 12	4 36 59	9°58'37	20°35	5° 5	22°49	29°R24	28°54	17° 7	6°24	13° 1	7°49	26° 3	25°36	20°42	n.a.	F 12
S 13	4 40 56	10°59'47	2♒32	6°43	24° 4	29°23	28°47	17° 3	6°25	13° 2	7°50	25°54	25°33	20°49	n.a.	S 13
S 14	4 44 52	12° 0'56	14°36	8°22	25°20	29°22	28°40	16°58	6°26	13° 2	7°52	25°48	25°30	20°56	n.a.	S 14
M15	4 48 49	13° 2'03	26°52	10° 1	26°35	29°20	28°32	16°53	6°27	13° 3	7°53	25°45	25°26	21° 3	n.a.	M15
T 16	4 52 45	14° 3'10	9♓23	11°41	27°50	29°18	28°25	16°48	6°28	13° 3	7°55	25°D44	25°23	21° 9	n.a.	T 16
W17	4 56 42	15° 4'15	22°14	13°21	29° 5	29°15	28°17	16°43	6°29	13° 3	7°57	25°R44	25°20	21°16	n.a.	W17
T 18	5 0 38	16° 5'19	5♈30	15° 2	0♑20	29°10	28°10	16°38	6°30	13° 4	7°58	25°44	25°17	21°23	n.a.	T 18
F 19	5 4 35	17° 6'21	19°15	16°44	1°35	29° 6	28° 2	16°33	6°31	13° 4	8° 0	25°42	25°14	21°29	n.a.	F 19
S 20	5 8 31	18° 7'23	3♉29	18°26	2°50	29° 0	27°54	16°28	6°32	13° 4	8° 2	25°38	25°11	21°36	n.a.	S 20
S 21	5 12 28	19° 8'22	18°12	20° 9	4° 5	28°53	27°46	16°23	6°33	13° 4	8° 3	25°31	25° 7	21°43	n.a.	S 21
M22	5 16 25	20° 9'21	3♊18	21°52	5°20	28°46	27°39	16°18	6°35	13° 4	8° 5	25°22	25° 4	21°50	n.a.	M22
T 23	5 20 21	21°10'19	18°38	23°36	6°35	28°38	27°31	16°13	6°36	13° 4	8° 7	25°10	25° 1	21°56	n.a.	T 23
W24	5 24 18	22°11'15	4♋ 1	25°21	7°50	28°29	27°23	16° 8	6°37	13° 5	8° 9	24°59	24°58	22° 3	n.a.	W24
T 25	5 28 14	23°12'10	19°15	27° 6	9° 4	28°20	27°15	16° 4	6°39	13° 5	8°10	24°48	24°55	22°10	n.a.	T 25
F 26	5 32 11	24°13'04	4♌ 9	28°52	10°19	28° 9	27° 7	15°59	6°40	13°R 5	8°12	24°39	24°51	22°17	n.a.	F 26
S 27	5 36 7	25°13'56	18°36	0♑39	11°34	27°58	26°59	15°54	6°42	13° 5	8°14	24°33	24°48	22°23	n.a.	S 27
S 28	5 40 4	26°14'48	2♍34	2°26	12°49	27°46	26°51	15°49	6°43	13° 5	8°15	24°30	24°45	22°30	n.a.	S 28
M29	5 44 1	27°15'38	16° 2	4°13	14° 4	27°33	26°43	15°44	6°45	13° 4	8°17	24°29	24°42	22°37	n.a.	M29
T 30	5 47 57	28°16'27	29° 3	6° 1	15°19	27°20	26°35	15°39	6°47	13° 4	8°19	24°29	24°39	22°43	n.a.	T 30
W31	5 51 54	29♐17'15	11♎42	7♑48	16♑33	27♋ 5	26♊27	15♊35	6♓48	13♍ 4	8♑21	24♓29	24♓36	22♐50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	20s13	10n54	1n49	17s53	0s31	22s59	0s50	23n41	2n59	24n20	0n29	22n48	0s29	10s 4	0s47	8n31	1n50	32s27	8s51	1s 1	1s33	28s30					n.a.
T 2	20 26	4 49	0 42	18 25	0 38	23 13	0 52	23 42	3 1	24 20	0 30	22 47	0 29	10 4	0 47	8 31	1 50	32 27	8 51	1 0	1 34	28 31					n.a.
W 3	20 39	1s19	0s26	18 57	0 44	23 26	0 54	23 43	3 3	24 20	0 30	22 47	0 29	10 4	0 47	8 30	1 50	32 27	8 51	1 0	1 35	28 32					n.a.
T 4	20 52	7 17	1 30	19 27	0 50	23 38	0 56	23 44	3 6	24 20	0 30	22 47	0 29	10 4	0 47	8 30	1 50	32 26	8 51	1 1	1 36	28 32					n.a.
F 5	21 4	12 54	2 30	19 57	0 56	23 49	0 58	23 45	3 8	24 20	0 30	22 46	0 29	10 4	0 47	8 30	1 50	32 26	8 50	1 3	1 38	28 33					n.a.
S 6	21 16	17 57	3 22	20 26	1 1	24 0	1 0	23 46	3 11	24 21	0 30	22 46	0 29	10 3	0 47	8 30	1 51	32 26	8 50	1 5	1 39	28 34					n.a.
S 7	21 28	22 15	4 4	20 54	1 7	24 10	1 1	23 48	3 13	24 21	0 31	22 46	0 29	10 3	0 47	8 30	1 51	32 26	8 50	1 9	1 40	28 34					n.a.
M 8	21 39	25 37	4 35	21 22	1 12	24 19	1 3	23 49	3 16	24 21	0 31	22 45	0 29	10 3	0 46	8 29	1 51	32 26	8 50	1 14	1 42	28 35					n.a.
T 9	21 50	27 51	4 54	21 48	1 17	24 27	1 5	23 51	3 18	24 21	0 31	22 45	0 29	10 3	0 46	8 29	1 51	32 26	8 50	1 20	1 43	28 35					n.a.
W10	22 0	28 48	5 0	22 13	1 22	24 35	1 7	23 53	3 20	24 21	0 31	22 45	0 29	10 2	0 46	8 29	1 51	32 25	8 50	1 26	1 44	28 36					n.a.
T 11	22 10	28 26	4 54	22 37	1 27	24 42	1 8	23 55	3 23	24 21	0 31	22 44	0 28	10 2	0 46	8 29	1 51	32 25	8 50	1 31	1 45	28 37					n.a.
F 12	22 19	26 44	4 34	23 0	1 31	24 48	1 10	23 58	3 25	24 22	0 32	22 44	0 28	10 2	0 46	8 29	1 51	32 25	8 50	1 36	1 47	28 37					n.a.
S 13	22 28	23 51	4 2	23 22	1 36	24 54	1 11	24 0	3 28	24 22	0 32	22 44	0 28	10 1	0 46	8 29	1 51	32 25	8 50	1 39	1 48	28 38					n.a.
S 14	22 36	19 53	3 19	23 42	1 40	24 58	1 13	24 3	3 30	24 22	0 32	22 43	0 28	10 1	0 46	8 29	1 51	32 25	8 50	1 42	1 49	28 38					n.a.
M15	22 44	15 3	2 26	24 1	1 43	25 2	1 14	24 6	3 33	24 22	0 32	22 43	0 28	10 0	0 46	8 28	1 51	32 25	8 50	1 43	1 50	28 39					n.a.
T 16	22 52	9 30	1 25	24 19	1 47	25 5	1 16	24 9	3 35	24 22	0 32	22 42	0 28	10 0	0 46	8 28	1 51	32 25	8 50	1 43	1 52	28 39					n.a.
W17	22 59	3 25	0 18	24 35	1 50	25 7	1 17	24 12	3 38	24 22	0 32	22 42	0 28	10 0	0 46	8 28	1 51	32 24	8 50	1 43	1 53	28 40					n.a.
T 18	23 6	3n 0	0n51	24 50	1 52	25 9	1 19	24 15	3 40	24 22	0 33	22 42	0 28	9 59	0 46	8 28	1 51	32 24	8 50	1 43	1 54	28 40					n.a.
F 19	23 12	9 31	2 1	25 4	1 55	25 9	1 20	24 19	3 43	24 22	0 33	22 41	0 28	9 59	0 46	8 28	1 51	32 24	8 50	1 44	1 56	28 41					n.a.
S 20	23 18	15 47	3 5	25 16	1 57	25 9	1 21	24 22	3 45	24 22	0 33	22 41	0 27	9 58	0 46	8 28	1 51	32 24	8 50	1 46	1 57	28 41					n.a.
S 21	23 23	21 21	3 59	25 26	1 58	25 9	1 22	24 26	3 48	24 22	0 33	22 40	0 27	9 58	0 46	8 28	1 52	32 24	8 50	1 49	1 58	28 42					n.a.
M22	23 28	25 43	4 38	25 34	1 59	25 7	1 23	24 30	3 50	24 22	0 33	22 40	0 27	9 57	0 46	8 28	1 52	32 24	8 50	1 52	1 59	28 42					n.a.
T 23	23 32	28 17	4 58	25 41	2 0	25 4	1 24	24 34	3 53	24 22	0 33	22 40	0 27	9 57	0 46	8 28	1 52	32 24	8 50	1 57	2 1	28 43					n.a.
W24	23 36	28 42	4 56	25 46	2 1	25 1	1 25	24 38	3 55	24 22	0 34	22 39	0 27	9 56	0 46	8 28	1 52	32 23	8 50	2 2	2 2	28 43					n.a.
T 25	23 40	26 56	4 33	25 49	2 1	24 57	1 26	24 43	3 58	24 22	0 34	22 39	0 27	9 56	0 46	8 28	1 52	32 23	8 50	2 6	2 3	28 44					n.a.
F 26	23 42	23 18	3 52	25 50	2 0	24 52	1 27	24 47	4 0	24 22	0 34	22 38	0 27	9 55	0 46	8 28	1 52	32 23	8 50	2 9	2 5	28 44					n.a.
S 27	23 45	18 18	2 57	25 49	1 59	24 47	1 28	24 52	4 2	24 22	0 34	22 38	0 27	9 54	0 46	8 28	1 52	32 23	8 50	2 12	2 6	28 45					n.a.
S 28	23 47	12 29	1 53	25 46	1 57	24 41	1 29	24 57	4 5	24 22	0 34	22 38	0 27	9 54	0 46	8 29	1 52	32 23	8 50	2 13	2 7	28 45					n.a.
M29	23 48	6 17	0 44	25 41	1 55	24 34	1 29	25 1	4 7	24 22	0 34	22 37	0 26	9 53	0 46	8 29	1 52	32 23	8 50	2 14	2 8	28 46					n.a.
T 30	23 50	0 1	0s24	25 34	1 52	24 26	1 30	25 6	4 9	24 22	0 34	22 37	0 26	9 52	0 46	8 29	1 52	32 23	8 50	2 14	2 10	28 46					n.a.
W31	23s50	6s 4	1s30	25s25	1s49	24s17	1s30	25n11	4n11	24n22	0n35	22n36	0s26	9s52	0s46	8n29	1n52	32s23	8s50	2s14	2s11	28s46					n.a.

Julian Day Number = 1291492.5, Delta T = 07h58m47s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'21, Lahiri = -20°12'21 Julian Calendar 1 Dec. 1178 BCE == Greg. Calendar 20 Nov. 1178 BCE

The year -1177 astronomical counting style corresponds to year 1178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

JANUARY 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 50	0♉18'02	24♎ 4	9♉36	17♉48	26°R50	26°R19	15°R30	6♓50	13°R 4	8♉22	24°R27	24♓32	22♐57	n.a.	T 1
F 2	5 59 47	1°18'48	6♏12	11°24	19° 3	26♋35	26♊11	15♊25	6°52	13♍ 4	8°24	24♓22	24°29	23° 4	n.a.	F 2
S 3	6 3 43	2°19'32	18°12	13°12	20°18	26°18	26° 3	15°21	6°54	13° 4	8°26	24°15	24°26	23°10	n.a.	S 3
S 4	6 7 40	3°20'15	0♐ 6	14°59	21°32	26° 1	25°55	15°16	6°56	13° 3	8°28	24° 5	24°23	23°17	n.a.	S 4
M 5	6 11 36	4°20'57	11°58	16°46	22°47	25°43	25°47	15°12	6°58	13° 3	8°29	23°52	24°20	23°24	n.a.	M 5
T 6	6 15 33	5°21'37	23°49	18°31	24° 2	25°25	25°40	15° 7	7° 0	13° 3	8°31	23°38	24°17	23°31	n.a.	T 6
W 7	6 19 30	6°22'16	5♉42	20°15	25°16	25° 6	25°32	15° 3	7° 2	13° 2	8°33	23°23	24°13	23°37	n.a.	W 7
T 8	6 23 26	7°22'52	17°37	21°57	26°31	24°46	25°24	14°58	7° 4	13° 2	8°35	23° 9	24°10	23°44	n.a.	T 8
F 9	6 27 23	8°23'27	29°36	23°38	27°45	24°26	25°16	14°54	7° 6	13° 1	8°37	22°57	24° 7	23°51	n.a.	F 9
S 10	6 31 19	9°24'01	11♒40	25°15	29° 0	24° 6	25° 9	14°50	7° 8	13° 1	8°38	22°47	24° 4	23°57	n.a.	S 10
S 11	6 35 16	10°24'32	23°51	26°49	0♒15	23°44	25° 1	14°46	7°10	13° 0	8°40	22°41	24° 1	24° 4	n.a.	S 11
M12	6 39 12	11°25'01	6♓12	28°20	1°29	23°23	24°54	14°41	7°12	13° 0	8°42	22°37	23°57	24°11	n.a.	M12
T 13	6 43 9	12°25'29	18°46	29°46	2°43	23° 1	24°47	14°37	7°15	12°59	8°44	22°D36	23°54	24°18	n.a.	T 13
W14	6 47 5	13°25'54	1♈36	1♒ 7	3°58	22°39	24°39	14°33	7°17	12°59	8°45	22°36	23°51	24°24	n.a.	W14
T 15	6 51 2	14°26'17	14°47	2°22	5°12	22°16	24°32	14°29	7°19	12°58	8°47	22°R37	23°48	24°31	n.a.	T 15
F 16	6 54 59	15°26'38	28°22	3°31	6°27	21°53	24°25	14°25	7°22	12°57	8°49	22°36	23°45	24°38	n.a.	F 16
S 17	6 58 55	16°26'56	12♉23	4°33	7°41	21°30	24°18	14°22	7°24	12°57	8°51	22°33	23°42	24°45	n.a.	S 17
S 18	7 2 52	17°27'13	26°50	5°27	8°55	21° 6	24°11	14°18	7°26	12°56	8°52	22°28	23°38	24°51	n.a.	S 18
M19	7 6 48	18°27'27	11♊41	6°14	10°10	20°43	24° 5	14°14	7°29	12°55	8°54	22°21	23°35	24°58	n.a.	M19
T 20	7 10 45	19°27'40	26°48	6°51	11°24	20°19	23°58	14°11	7°31	12°54	8°56	22°12	23°32	25° 5	n.a.	T 20
W21	7 14 41	20°27'50	12♋ 2	7°19	12°38	19°56	23°52	14° 7	7°34	12°53	8°58	22° 2	23°29	25°11	n.a.	W21
T 22	7 18 38	21°27'59	27°13	7°38	13°52	19°32	23°45	14° 4	7°37	12°53	8°59	21°53	23°26	25°18	n.a.	T 22
F 23	7 22 35	22°28'05	12♌10	7°R48	15° 6	19° 8	23°39	14° 1	7°39	12°52	9° 1	21°45	23°23	25°25	n.a.	F 23
S 24	7 26 31	23°28'09	26°45	7°48	16°20	18°45	23°33	13°57	7°42	12°51	9° 3	21°40	23°19	25°32	n.a.	S 24
S 25	7 30 28	24°28'12	10♍51	7°38	17°34	18°21	23°27	13°54	7°44	12°50	9° 5	21°38	23°16	25°38	n.a.	S 25
M26	7 34 24	25°28'12	24°29	7°20	18°48	17°58	23°21	13°51	7°47	12°49	9° 6	21°D37	23°13	25°45	n.a.	M26
T 27	7 38 21	26°28'11	7♎39	6°53	20° 2	17°35	23°15	13°48	7°50	12°48	9° 8	21°38	23°10	25°52	n.a.	T 27
W28	7 42 17	27°28'08	20°24	6°18	21°16	17°12	23°10	13°45	7°53	12°47	9°10	21°39	23° 7	25°59	n.a.	W28
T 29	7 46 14	28°28'03	2♏49	5°36	22°30	16°49	23° 4	13°42	7°55	12°46	9°11	21°R39	23° 3	26° 5	n.a.	T 29
F 30	7 50 10	29°27'56	14°58	4°48	23°44	16°27	22°59	13°40	7°58	12°45	9°13	21°38	23° 0	26°12	n.a.	F 30
S 31	7 54 7	0♒27'48	26♏57	3♒56	24♒58	16♋ 5	22♊54	13♊37	8♓ 1	12♍44	9♉15	21♓34	22♓57	26♐19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s50	11 s47	2 s29	25 s13	1 s45	24 s 8	1 s31	25n16	4n13	24n22	0n35	22n36	0 s26	9 s51	0 s46	8n29	1n52	32 s23	8 s50	2 s15	2 s12	28 s47			n.a.
F 2	23 50	16 58	3 21	25 0	1 40	23 58	1 31	25 22	4 15	24 22	0 35	22 36	0 26	9 50	0 45	8 29	1 52	32 23	8 50	2 16	2 13	28 47			n.a.
S 3	23 49	21 25	4 3	24 44	1 35	23 47	1 32	25 27	4 17	24 22	0 35	22 35	0 26	9 50	0 45	8 29	1 52	32 22	8 50	2 19	2 15	28 48			n.a.
S 4	23 48	24 58	4 34	24 27	1 28	23 36	1 32	25 32	4 19	24 22	0 35	22 35	0 26	9 49	0 45	8 29	1 53	32 22	8 50	2 23	2 16	28 48			n.a.
M 5	23 46	27 26	4 53	24 7	1 22	23 23	1 32	25 37	4 21	24 21	0 35	22 35	0 26	9 48	0 45	8 30	1 53	32 22	8 50	2 28	2 17	28 48			n.a.
T 6	23 44	28 41	4 59	23 45	1 14	23 10	1 32	25 43	4 23	24 21	0 35	22 34	0 25	9 47	0 45	8 30	1 53	32 22	8 50	2 34	2 19	28 49			n.a.
W 7	23 41	28 35	4 53	23 21	1 5	22 57	1 32	25 48	4 25	24 21	0 36	22 34	0 25	9 46	0 45	8 30	1 53	32 22	8 50	2 40	2 20	28 49			n.a.
T 8	23 38	27 10	4 33	22 56	0 56	22 43	1 32	25 53	4 26	24 21	0 36	22 33	0 25	9 46	0 45	8 30	1 53	32 22	8 50	2 46	2 21	28 49			n.a.
F 9	23 34	24 30	4 1	22 29	0 46	22 28	1 32	25 59	4 28	24 21	0 36	22 33	0 25	9 45	0 45	8 31	1 53	32 22	8 50	2 51	2 22	28 50			n.a.
S 10	23 30	20 45	3 18	22 1	0 35	22 12	1 32	26 4	4 29	24 21	0 36	22 33	0 25	9 44	0 45	8 31	1 53	32 22	8 50	2 54	2 24	28 50			n.a.
S 11	23 25	16 5	2 26	21 31	0 23	21 56	1 32	26 9	4 31	24 20	0 36	22 32	0 25	9 43	0 45	8 31	1 53	32 22	8 50	2 57	2 25	28 50			n.a.
M12	23 20	10 43	1 26	21 1	0 11	21 39	1 32	26 14	4 32	24 20	0 36	22 32	0 25	9 42	0 45	8 31	1 53	32 22	8 50	2 58	2 26	28 51			n.a.
T 13	23 15	4 50	0 20	20 30	0n 2	21 21	1 31	26 20	4 33	24 20	0 36	22 32	0 25	9 41	0 45	8 32	1 53	32 22	8 50	2 59	2 28	28 51			n.a.
W14	23 9	1n23	0n48	19 59	0 16	21 3	1 31	26 25	4 35	24 20	0 36	22 31	0 24	9 41	0 45	8 32	1 53	32 22	8 50	2 59	2 29	28 51			n.a.
T 15	23 2	7 41	1 55	19 28	0 30	20 44	1 30	26 29	4 36	24 20	0 36	22 31	0 24	9 40	0 45	8 32	1 53	32 22	8 50	2 59	2 30	28 52			n.a.
F 16	22 56	13 50	2 58	18 57	0 46	20 25	1 30	26 34	4 37	24 19	0 36	22 31	0 24	9 39	0 45	8 33	1 53	32 22	8 51	2 59	2 31	28 52			n.a.
S 17	22 48	19 29	3 52	18 27	1 1	20 5	1 29	26 39	4 37	24 19	0 37	22 30	0 24	9 38	0 45	8 33	1 53	32 21	8 51	3 0	2 33	28 52			n.a.
S 18	22 41	24 12	4 34	17 59	1 17	19 45	1 28	26 43	4 38	24 19	0 37	22 30	0 24	9 37	0 45	8 33	1 53	32 21	8 51	3 2	2 34	28 53			n.a.
M19	22 32	27 29	4 58	17 32	1 33	19 24	1 28	26 48	4 39	24 19	0 37	22 30	0 24	9 36	0 45	8 34	1 53	32 21	8 51	3 5	2 35	28 53			n.a.
T 20	22 24	28 50	5 2	17 7	1 49	19 2	1 27	26 52	4 39	24 19	0 37	22 29	0 24	9 35	0 45	8 34	1 54	32 21	8 51	3 9	2 36	28 53			n.a.
W21	22 15	28 1	4 45	16 44	2 5	18 40	1 26	26 56	4 39	24 18	0 37	22 29	0 23	9 34	0 45	8 34	1 54	32 21	8 51	3 13	2 38	28 53			n.a.
T 22	22 6	25 7	4 8	16 25	2 20	18 18	1 25	27 0	4 40	24 18	0 37	22 29	0 23	9 33	0 45	8 35	1 54	32 21	8 51	3 16	2 39	28 53			n.a.
F 23	21 56	20 32	3 14	16 8	2 35	17 54	1 24	27 4	4 40	24 18	0 37	22 29	0 23	9 32	0 45	8 35	1 54	32 21	8 51	3 19	2 40	28 54			n.a.
S 24	21 46	14 49	2 9	15 54	2 49	17 31	1 23	27 7	4 40	24 18	0 37	22 28	0 23	9 31	0 45	8 35	1 54	32 21	8 51	3 21	2 42	28 54			n.a.
S 25	21 35	8 30	0 57	15 43	3 3	17 7	1 22	27 10	4 40	24 18	0 37	22 28	0 23	9 30	0 45	8 36	1 54	32 21	8 51	3 22	2 43	28 54			n.a.
M26	21 24	2 0	0 s15	15 36	3 15	16 42	1 20	27 14	4 40	24 17	0 37	22 28	0 23	9 29	0 45	8 36	1 54	32 21	8 52	3 22	2 44	28 54			n.a.
T 27	21 13	4 s23	1 25	15 33	3 26	16 17	1 19	27 16	4 39	24 17	0 37	22 28	0 23	9 28	0 45	8 37	1 54	32 21	8 52	3 22	2 45	28 54			n.a.
W28	21 1	10 22	2 28	15 32	3 35	15 52	1 18	27 19	4 39	24 17	0 37	22 27	0 22	9 27	0 45	8 37	1 54	32 21	8 52	3 22	2 47	28 55			n.a.
T 29	20 49	15 48	3 22	15 35	3 43	15 26	1 16	27 22	4 38	24 17	0 37	22 27	0 22	9 25	0 45	8 38	1 54	32 21	8 52	3 22	2 48	28 55			n.a.
F 30	20 36	20 31	4 6	15 41	3 48	15 0	1 15	27 24	4 38	24 16	0 38	22 27	0 22	9 24	0 45	8 38	1 54	32 21	8 52	3 22	2 49	28 55			n.a.
S 31	20 s23	24 s19	4 s39	15 s50	3n52	14 s34	1 s13	27n26	4n37	24n16	0n38	22n27	0 s22	9 s23	0 s45	8n39	1n54	32 s21	8 s52	3 s24	2 s51	28 s55			n.a.

Julian Day Number = 1291523.5, Delta T = 07h58m45s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'17, Lahiri = -20°12'17 Julian Calendar 1 Jan. 1177 BCE == Greg. Calendar 21 Dec. 1178 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

FEBRUARY 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 3	1♒27'38	8♐50	3°R 0	26♒12	15°R43	22°R49	13°R35	8♓ 4	12°R43	9♑16	21°R28	22♓54	26♐25	n.a.	S 1
M 2	8 2 0	2°27'26	20°40	2♒ 2	27°25	15♋22	22♊44	13♊32	8° 7	12♍42	9°18	21♓21	22°51	26°32	n.a.	M 2
T 3	8 5 57	3°27'12	2♑32	1° 4	28°39	15° 1	22°40	13°30	8°10	12°40	9°20	21°12	22°48	26°39	n.a.	T 3
W 4	8 9 53	4°26'56	14°28	0° 5	29°53	14°41	22°35	13°28	8°13	12°39	9°21	21° 2	22°44	26°46	n.a.	W 4
T 5	8 13 50	5°26'37	26°28	29♑ 9	1♓ 6	14°22	22°31	13°26	8°16	12°38	9°23	20°53	22°41	26°52	n.a.	T 5
F 6	8 17 46	6°26'17	8♒36	28°15	2°20	14° 3	22°27	13°24	8°19	12°37	9°25	20°46	22°38	26°59	n.a.	F 6
S 7	8 21 43	7°25'55	20°51	27°25	3°34	13°44	22°23	13°22	8°22	12°36	9°26	20°40	22°35	27° 6	n.a.	S 7
S 8	8 25 39	8°25'30	3♓16	26°40	4°47	13°27	22°19	13°20	8°25	12°34	9°28	20°36	22°32	27°13	n.a.	S 8
M 9	8 29 36	9°25'03	15°51	26° 0	6° 1	13°10	22°16	13°18	8°28	12°33	9°29	20°D35	22°29	27°19	n.a.	M 9
T 10	8 33 32	10°24'33	28°38	25°25	7°14	12°53	22°12	13°17	8°31	12°32	9°31	20°35	22°25	27°26	n.a.	T 10
W11	8 37 29	11°24'01	11♈39	24°57	8°27	12°38	22° 9	13°15	8°34	12°30	9°32	20°36	22°22	27°33	n.a.	W11
T 12	8 41 26	12°23'27	24°56	24°34	9°41	12°23	22° 6	13°14	8°37	12°29	9°34	20°38	22°19	27°39	n.a.	T 12
F 13	8 45 22	13°22'50	8♉31	24°17	10°54	12° 8	22° 3	13°13	8°40	12°28	9°35	20°R38	22°16	27°46	n.a.	F 13
S 14	8 49 19	14°22'11	22°24	24° 7	12° 7	11°55	22° 1	13°11	8°44	12°26	9°37	20°38	22°13	27°53	n.a.	S 14
S 15	8 53 15	15°21'30	6♊37	24°D 2	13°20	11°42	21°58	13°10	8°47	12°25	9°38	20°37	22° 9	28° 0	n.a.	S 15
M16	8 57 12	16°20'46	21° 8	24° 4	14°33	11°30	21°56	13°10	8°50	12°23	9°40	20°33	22° 6	28° 6	n.a.	M16
T 17	9 1 8	17°19'59	5♋52	24°11	15°46	11°19	21°54	13° 9	8°53	12°22	9°41	20°29	22° 3	28°13	n.a.	T 17
W18	9 5 5	18°19'10	20°43	24°23	16°59	11° 9	21°52	13° 8	8°57	12°21	9°43	20°24	22° 0	28°20	n.a.	W18
T 19	9 9 1	19°18'19	5♌33	24°40	18°12	10°59	21°50	13° 7	9° 0	12°19	9°44	20°20	21°57	28°26	n.a.	T 19
F 20	9 12 58	20°17'25	20°14	25° 3	19°25	10°50	21°49	13° 7	9° 3	12°18	9°46	20°16	21°54	28°33	n.a.	F 20
S 21	9 16 54	21°16'30	4♍40	25°30	20°38	10°42	21°48	13° 6	9° 6	12°16	9°47	20°14	21°50	28°40	n.a.	S 21
S 22	9 20 51	22°15'32	18°43	26° 1	21°51	10°35	21°47	13° 6	9°10	12°15	9°49	20°D13	21°47	28°47	n.a.	S 22
M23	9 24 48	23°14'31	2♎23	26°37	23° 3	10°29	21°46	13° 6	9°13	12°13	9°50	20°14	21°44	28°53	n.a.	M23
T 24	9 28 44	24°13'29	15°37	27°17	24°16	10°23	21°45	13°D 6	9°16	12°12	9°51	20°15	21°41	29° 0	n.a.	T 24
W25	9 32 41	25°12'25	28°28	28° 0	25°28	10°18	21°44	13° 6	9°20	12°10	9°53	20°17	21°38	29° 7	n.a.	W25
T 26	9 36 37	26°11'20	10♏58	28°47	26°41	10°14	21°44	13° 6	9°23	12° 9	9°54	20°18	21°35	29°14	n.a.	T 26
F 27	9 40 34	27°10'12	23°12	29°38	27°53	10°10	21°D44	13° 6	9°26	12° 7	9°55	20°R19	21°31	29°20	n.a.	F 27
S 28	9 44 30	28° 9'02	5♐13	0♒31	29° 6	10° 8	21°44	13° 7	9°30	12° 5	9°57	20°19	21°28	29°27	n.a.	S 28
S 29	9 48 27	29♒ 7'51	17♐ 8	1♒28	0♈18	10♋ 6	21♊44	13♊ 7	9♓33	12♍ 4	9♑58	20♓17	21♓25	29♐34	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s10	27s 3	4s59	16s 1	3n54	14s 7	1s12	27n28	4n36	24n16	0n38	22n27	0s22	9s22	0s45	8n39	1n54	32s21	8s52	3s26	2s52	28s55		n.a.
M 2	19 56	28 36	5 6	16 15	3 53	13 39	1 10	27 30	4 35	24 16	0 38	22 27	0 22	9 21	0 45	8 40	1 54	32 21	8 53	3 29	2 53	28 55		n.a.
T 3	19 42	28 49	5 0	16 30	3 51	13 12	1 8	27 31	4 34	24 16	0 38	22 26	0 22	9 20	0 45	8 40	1 54	32 21	8 53	3 33	2 54	28 56		n.a.
W 4	19 28	27 42	4 42	16 47	3 46	12 44	1 6	27 32	4 33	24 15	0 38	22 26	0 22	9 19	0 44	8 41	1 54	32 21	8 53	3 37	2 56	28 56		n.a.
T 5	19 13	25 18	4 10	17 5	3 40	12 16	1 4	27 33	4 32	24 15	0 38	22 26	0 21	9 18	0 44	8 41	1 54	32 21	8 53	3 40	2 57	28 56		n.a.
F 6	18 58	21 44	3 27	17 24	3 32	11 47	1 2	27 34	4 31	24 15	0 38	22 26	0 21	9 16	0 44	8 42	1 54	32 21	8 53	3 43	2 58	28 56		n.a.
S 7	18 43	17 12	2 34	17 43	3 23	11 18	1 0	27 35	4 30	24 15	0 38	22 26	0 21	9 15	0 44	8 42	1 54	32 21	8 53	3 46	2 59	28 56		n.a.
S 8	18 27	11 54	1 32	18 2	3 12	10 49	0 58	27 35	4 28	24 15	0 38	22 26	0 21	9 14	0 44	8 43	1 55	32 22	8 53	3 47	3 1	28 56		n.a.
M 9	18 12	6 4	0 26	18 21	3 0	10 20	0 56	27 36	4 27	24 14	0 38	22 26	0 21	9 13	0 44	8 43	1 55	32 22	8 54	3 48	3 2	28 56		n.a.
T 10	17 55	0n 7	0n44	18 40	2 48	9 50	0 54	27 36	4 25	24 14	0 38	22 26	0 21	9 12	0 44	8 44	1 55	32 22	8 54	3 48	3 3	28 56		n.a.
W11	17 39	6 24	1 52	18 58	2 35	9 20	0 52	27 36	4 23	24 14	0 38	22 26	0 21	9 10	0 44	8 44	1 55	32 22	8 54	3 47	3 5	28 56		n.a.
T 12	17 22	12 32	2 56	19 15	2 21	8 50	0 49	27 35	4 22	24 14	0 38	22 26	0 20	9 9	0 44	8 45	1 55	32 22	8 54	3 46	3 6	28 56		n.a.
F 13	17 5	18 13	3 51	19 32	2 7	8 20	0 47	27 35	4 20	24 14	0 38	22 26	0 20	9 8	0 44	8 45	1 55	32 22	8 54	3 46	3 7	28 56		n.a.
S 14	16 47	23 5	4 34	19 48	1 53	7 49	0 45	27 35	4 18	24 14	0 38	22 26	0 20	9 7	0 44	8 46	1 55	32 22	8 55	3 46	3 8	28 56		n.a.
S 15	16 30	26 44	5 2	20 3	1 38	7 18	0 42	27 34	4 16	24 14	0 38	22 26	0 20	9 6	0 44	8 47	1 55	32 22	8 55	3 47	3 10	28 56		n.a.
M16	16 12	28 43	5 11	20 17	1 24	6 47	0 40	27 33	4 14	24 13	0 38	22 26	0 20	9 4	0 44	8 47	1 55	32 22	8 55	3 48	3 11	28 56		n.a.
T 17	15 54	28 42	5 0	20 29	1 10	6 16	0 37	27 32	4 12	24 13	0 38	22 26	0 20	9 3	0 44	8 48	1 55	32 22	8 55	3 50	3 12	28 56		n.a.
W18	15 35	26 38	4 29	20 41	0 56	5 45	0 35	27 31	4 10	24 13	0 38	22 26	0 20	9 2	0 44	8 48	1 55	32 22	8 55	3 52	3 13	28 56		n.a.
T 19	15 17	22 45	3 40	20 51	0 42	5 14	0 32	27 30	4 8	24 13	0 38	22 26	0 19	9 1	0 44	8 49	1 55	32 22	8 56	3 54	3 15	28 56		n.a.
F 20	14 58	17 27	2 37	21 0	0 29	4 42	0 29	27 29	4 6	24 13	0 38	22 26	0 19	8 59	0 44	8 50	1 55	32 22	8 56	3 55	3 16	28 56		n.a.
S 21	14 39	11 16	1 24	21 8	0 16	4 11	0 27	27 27	4 4	24 13	0 38	22 26	0 19	8 58	0 44	8 50	1 55	32 22	8 56	3 56	3 17	28 56		n.a.
S 22	14 19	4 39	0 8	21 14	0 4	3 39	0 24	27 26	4 2	24 13	0 38	22 26	0 19	8 57	0 44	8 51	1 55	32 23	8 56	3 56	3 19	28 56		n.a.
M23	14 0	1s58	1s 6	21 19	0s 8	3 7	0 21	27 24	4 0	24 13	0 38	22 26	0 19	8 56	0 44	8 51	1 55	32 23	8 56	3 56	3 20	28 56		n.a.
T 24	13 40	8 19	2 15	21 23	0 20	2 36	0 18	27 22	3 58	24 13	0 38	22 26	0 19	8 54	0 44	8 52	1 55	32 23	8 57	3 56	3 21	28 56		n.a.
W25	13 20	14 8	3 15	21 25	0 31	2 4	0 15	27 20	3 55	24 13	0 38	22 26	0 19	8 53	0 44	8 53	1 55	32 23	8 57	3 55	3 22	28 56		n.a.
T 26	13 0	19 12	4 3	21 26	0 42	1 32	0 13	27 19	3 53	24 13	0 38	22 27	0 18	8 52	0 44	8 53	1 55	32 23	8 57	3 54	3 24	28 56		n.a.
F 27	12 39	23 23	4 40	21 25	0 52	1 0	0 10	27 17	3 51	24 13	0 38	22 27	0 18	8 50	0 44	8 54	1 55	32 23	8 57	3 54	3 25	28 56		n.a.
S 28	12 19	26 30	5 4	21 23	1 2	0 28	0 7	27 15	3 49	24 13	0 38	22 27	0 18	8 49	0 44	8 55	1 55	32 23	8 57	3 54	3 26	28 56		n.a.
S 29	11s58	28s24	5s14	21s19	1s11	0n 4	0s 4	27n13	3n46	24n13	0n38	22n27	0s18	8s48	0s44	8n55	1n55	32s23	8s58	3s54	3s27	28s56		n.a.

Julian Day Number = 1291554.5, Delta T = 07h58m44s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'13, Lahiri = -20°12'13 Julian Calendar 1 Feb. 1177 BCE == Greg. Calendar 21 Jan. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

MARCH 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 52 23	0♓ 6'38	29♐ 0	2♒27	1♈30	10°R 5	21♊44	13♊ 8	9♓36	12°R 2	9♑59	20°R15	21♓22	29♐40	n.a.	M 1
T 2	9 56 20	1° 5'23	10♑53	3°29	2°43	10°D 5	21°45	13° 9	9°40	12♍ 1	10° 0	20♓13	21°19	29°47	n.a.	T 2
W 3	10 0 17	2° 4'06	22°52	4°34	3°55	10♋ 5	21°46	13° 9	9°43	11°59	10° 1	20°10	21°15	29°54	n.a.	W 3
T 4	10 4 13	3° 2'47	4♒58	5°42	5° 7	10° 6	21°47	13°10	9°47	11°57	10° 3	20° 7	21°12	0♑ 1	n.a.	T 4
F 5	10 8 10	4° 1'25	17°15	6°51	6°19	10° 8	21°48	13°11	9°50	11°56	10° 4	20° 5	21° 9	0° 7	n.a.	F 5
S 6	10 12 6	5° 0'02	29°44	8° 3	7°31	10°11	21°49	13°12	9°53	11°54	10° 5	20° 3	21° 6	0°14	n.a.	S 6
S 7	10 16 3	5°58'37	12♓26	9°18	8°43	10°14	21°51	13°14	9°57	11°53	10° 6	20° 2	21° 3	0°21	n.a.	S 7
M 8	10 19 59	6°57'10	25°21	10°34	9°54	10°18	21°52	13°15	10° 0	11°51	10° 7	20°D 2	21° 0	0°28	n.a.	M 8
T 9	10 23 56	7°55'41	8♈29	11°52	11° 6	10°23	21°54	13°17	10° 4	11°49	10° 8	20° 3	20°56	0°34	n.a.	T 9
W10	10 27 52	8°54'09	21°51	13°13	12°18	10°29	21°56	13°18	10° 7	11°48	10° 9	20° 4	20°53	0°41	n.a.	W10
T 11	10 31 49	9°52'35	5♉26	14°35	13°29	10°35	21°58	13°20	10°11	11°46	10°10	20° 5	20°50	0°48	n.a.	T 11
F 12	10 35 45	10°50'59	19°13	16° 0	14°41	10°41	22° 1	13°22	10°14	11°44	10°11	20° 5	20°47	0°54	n.a.	F 12
S 13	10 39 42	11°49'21	3♊11	17°26	15°52	10°49	22° 3	13°23	10°17	11°43	10°12	20° 6	20°44	1° 1	n.a.	S 13
S 14	10 43 39	12°47'41	17°20	18°54	17° 4	10°57	22° 6	13°25	10°21	11°41	10°13	20°R 6	20°41	1° 8	n.a.	S 14
M15	10 47 35	13°45'58	1♋37	20°24	18°15	11° 6	22° 9	13°27	10°24	11°40	10°14	20° 6	20°37	1°15	n.a.	M15
T 16	10 51 32	14°44'13	15°59	21°56	19°26	11°15	22°12	13°30	10°28	11°38	10°15	20° 5	20°34	1°21	n.a.	T 16
W17	10 55 28	15°42'26	0♌24	23°30	20°37	11°25	22°16	13°32	10°31	11°36	10°16	20° 5	20°31	1°28	n.a.	W17
T 18	10 59 25	16°40'37	14°45	25° 5	21°48	11°35	22°19	13°34	10°35	11°35	10°17	20° 4	20°28	1°35	n.a.	T 18
F 19	11 3 21	17°38'45	29° 0	26°43	22°59	11°46	22°23	13°37	10°38	11°33	10°18	20° 4	20°25	1°41	n.a.	F 19
S 20	11 7 18	18°36'52	13♍ 3	28°22	24°10	11°58	22°26	13°39	10°41	11°31	10°19	20° 4	20°21	1°48	n.a.	S 20
S 21	11 11 14	19°34'57	26°50	0♓ 3	25°21	12°10	22°30	13°42	10°45	11°30	10°20	20° 4	20°18	1°55	n.a.	S 21
M22	11 15 11	20°33'00	10♎19	1°45	26°31	12°23	22°35	13°45	10°48	11°28	10°20	20° 4	20°15	2° 2	n.a.	M22
T 23	11 19 7	21°31'01	23°29	3°30	27°42	12°36	22°39	13°48	10°51	11°27	10°21	20° 4	20°12	2° 8	n.a.	T 23
W24	11 23 4	22°29'00	6♏18	5°16	28°52	12°50	22°43	13°51	10°55	11°25	10°22	20° 3	20° 9	2°15	n.a.	W24
T 25	11 27 1	23°26'58	18°50	7° 4	0♉ 3	13° 4	22°48	13°54	10°58	11°23	10°23	20° 3	20° 6	2°22	n.a.	T 25
F 26	11 30 57	24°24'55	1♐ 6	8°54	1°13	13°19	22°53	13°57	11° 2	11°22	10°23	20° 3	20° 2	2°28	n.a.	F 26
S 27	11 34 54	25°22'50	13°10	10°45	2°23	13°34	22°58	14° 0	11° 5	11°20	10°24	20° 2	19°59	2°35	n.a.	S 27
S 28	11 38 50	26°20'44	25° 6	12°39	3°33	13°50	23° 3	14° 4	11° 8	11°19	10°25	20°D 2	19°56	2°42	n.a.	S 28
M29	11 42 47	27°18'36	6♑59	14°34	4°43	14° 6	23° 8	14° 7	11°12	11°17	10°25	20° 2	19°53	2°49	n.a.	M29
T 30	11 46 43	28°16'27	18°54	16°31	5°53	14°23	23°13	14°11	11°15	11°15	10°26	20° 3	19°50	2°55	n.a.	T 30
W31	11 50 40	29♓14'17	0♒54	18♓30	7♉ 3	14♋40	23♊19	14♊14	11♓18	11♍14	10♑26	20♓ 4	19♓46	3♑ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s37	29s 1	5s11	21s14	1s20	0n36	0s 1	27n10	3n44	24n13	0n38	22n27	0s18	8s46	0s44	8n56	1n55	32s24	8s58	3s55	3s29	28s56			n.a.
T 2	11 16	28 16	4 54	21 7	1 28	1 8	0n 2	27 8	3 42	24 13	0 38	22 28	0 18	8 45	0 44	8 56	1 55	32 24	8 58	3 56	3 30	28 56			n.a.
W 3	10 55	26 13	4 25	20 59	1 35	1 40	0 6	27 6	3 40	24 13	0 38	22 28	0 18	8 44	0 44	8 57	1 55	32 24	8 58	3 58	3 31	28 55			n.a.
T 4	10 33	22 57	3 43	20 49	1 42	2 12	0 9	27 3	3 37	24 13	0 38	22 28	0 18	8 43	0 44	8 58	1 55	32 24	8 59	3 59	3 33	28 55			n.a.
F 5	10 12	18 38	2 51	20 37	1 49	2 44	0 12	27 1	3 35	24 13	0 39	22 28	0 17	8 41	0 44	8 58	1 55	32 24	8 59	4 0	3 34	28 55			n.a.
S 6	9 50	13 28	1 50	20 24	1 55	3 15	0 15	26 59	3 33	24 13	0 39	22 29	0 17	8 40	0 44	8 59	1 55	32 24	8 59	4 0	3 35	28 55			n.a.
S 7	9 28	7 39	0 42	20 10	2 1	3 47	0 18	26 56	3 31	24 13	0 39	22 29	0 17	8 39	0 44	9 0	1 55	32 24	8 59	4 1	3 36	28 55			n.a.
M 8	9 6	1 26	0n29	19 53	2 6	4 19	0 21	26 53	3 28	24 13	0 39	22 29	0 17	8 37	0 44	9 0	1 55	32 25	9 0	4 1	3 38	28 55			n.a.
T 9	8 44	4n57	1 40	19 36	2 10	4 50	0 24	26 51	3 26	24 14	0 39	22 30	0 17	8 36	0 44	9 1	1 55	32 25	9 0	4 0	3 39	28 55			n.a.
W10	8 22	11 14	2 47	19 16	2 14	5 22	0 28	26 48	3 24	24 14	0 39	22 30	0 17	8 35	0 44	9 2	1 55	32 25	9 0	4 0	3 40	28 54			n.a.
T 11	8 0	17 5	3 45	18 55	2 18	5 53	0 31	26 45	3 22	24 14	0 39	22 30	0 17	8 33	0 44	9 2	1 55	32 25	9 0	4 0	3 41	28 54			n.a.
F 12	7 37	22 10	4 32	18 32	2 20	6 24	0 34	26 43	3 19	24 14	0 39	22 31	0 16	8 32	0 44	9 3	1 55	32 25	9 1	3 59	3 43	28 54			n.a.
S 13	7 15	26 5	5 3	18 8	2 23	6 55	0 37	26 40	3 17	24 14	0 39	22 31	0 16	8 31	0 44	9 4	1 55	32 25	9 1	3 59	3 44	28 54			n.a.
S 14	6 52	28 28	5 16	17 41	2 25	7 26	0 40	26 37	3 15	24 14	0 39	22 31	0 16	8 29	0 44	9 4	1 55	32 26	9 1	3 59	3 45	28 54			n.a.
M15	6 29	29 0	5 10	17 14	2 26	7 56	0 44	26 34	3 13	24 14	0 39	22 32	0 16	8 28	0 44	9 5	1 55	32 26	9 2	3 59	3 47	28 53			n.a.
T 16	6 6	27 34	4 45	16 44	2 27	8 27	0 47	26 31	3 11	24 15	0 39	22 32	0 16	8 27	0 44	9 5	1 55	32 26	9 2	3 59	3 48	28 53			n.a.
W17	5 44	24 20	4 2	16 13	2 27	8 57	0 50	26 28	3 8	24 15	0 39	22 32	0 16	8 25	0 44	9 6	1 55	32 26	9 2	4 0	3 49	28 53			n.a.
T 18	5 21	19 36	3 3	15 40	2 27	9 27	0 53	26 25	3 6	24 15	0 39	22 33	0 16	8 24	0 44	9 7	1 55	32 26	9 2	4 0	3 50	28 53			n.a.
F 19	4 58	13 47	1 54	15 6	2 26	9 57	0 57	26 22	3 4	24 15	0 39	22 33	0 16	8 23	0 44	9 7	1 55	32 27	9 3	4 0	3 52	28 52			n.a.
S 20	4 35	7 22	0 39	14 29	2 24	10 27	1 0	26 19	3 2	24 16	0 39	22 34	0 15	8 21	0 44	9 8	1 55	32 27	9 3	4 0	3 53	28 52			n.a.
S 21	4 11	0 42	0s37	13 51	2 22	10 56	1 3	26 15	3 0	24 16	0 39	22 34	0 15	8 20	0 44	9 9	1 55	32 27	9 3	4 0	3 54	28 52			n.a.
M22	3 48	5s50	1 50	13 12	2 20	11 25	1 6	26 12	2 58	24 16	0 39	22 35	0 15	8 19	0 44	9 9	1 55	32 27	9 3	4 0	3 55	28 52			n.a.
T 23	3 25	11 58	2 55	12 31	2 17	11 54	1 9	26 9	2 56	24 16	0 39	22 35	0 15	8 18	0 44	9 10	1 55	32 27	9 4	4 0	3 57	28 51			n.a.
W24	3 2	17 26	3 49	11 48	2 13	12 23	1 12	26 5	2 54	24 16	0 39	22 36	0 15	8 16	0 44	9 10	1 55	32 28	9 4	4 0	3 58	28 51			n.a.
T 25	2 39	22 3	4 31	11 3	2 9	12 51	1 15	26 2	2 52	24 17	0 39	22 36	0 15	8 15	0 44	9 11	1 55	32 28	9 4	4 0	3 59	28 51			n.a.
F 26	2 15	25 36	5 0	10 17	2 4	13 19	1 19	25 58	2 50	24 17	0 39	22 37	0 15	8 14	0 44	9 12	1 55	32 28	9 5	4 0	4 1	28 50			n.a.
S 27	1 52	27 57	5 14	9 29	1 59	13 46	1 22	25 55	2 48	24 17	0 38	22 37	0 15	8 12	0 44	9 12	1 55	32 28	9 5	4 1	4 2	28 50			n.a.
S 28	1 29	29 0	5 15	8 40	1 53	14 14	1 25	25 51	2 46	24 18	0 38	22 38	0 14	8 11	0 44	9 13	1 55	32 29	9 5	4 1	4 3	28 50			n.a.
M29	1 5	28 41	5 3	7 49	1 47	14 41	1 28	25 47	2 44	24 18	0 38	22 38	0 14	8 10	0 44	9 13	1 55	32 29	9 5	4 1	4 4	28 49			n.a.
T 30	0 42	27 3	4 37	6 56	1 40	15 7	1 31	25 43	2 42	24 18	0 38	22 39	0 14	8 9	0 44	9 14	1 55	32 29	9 6	4 0	4 6	28 49			n.a.
W31	0s18	24s11	4s 0	6s 2	1s33	15n34	1n34	25n40	2n40	24n18	0n38	22n39	0s14	8s 7	0s44	9n15	1n55	32s29	9s 6	4s 0	4s 7	28s49			n.a.

Julian Day Number = 1291583.5, Delta T = 07h58m42s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'09, Lahiri = -20°12'09 Julian Calendar 1 March 1177 BCE == Greg. Calendar 19 Feb. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

APRIL 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 36	0♈12'05	13♒ 4	20♓30	8♉13	14♋58	23♊25	14♊18	11♓21	11°R12	10♑27	20♓ 4	19♓43	3♑ 9	n.a.	T 1
F 2	11 58 33	1° 9'51	25°28	22°32	9°22	15°16	23°31	14°22	11°25	11♏11	10°27	20° 5	19°40	3°16	n.a.	F 2
S 3	12 2 30	2° 7'36	8♓ 8	24°36	10°32	15°34	23°37	14°26	11°28	11° 9	10°28	20° 6	19°37	3°22	n.a.	S 3
S 4	12 6 26	3° 5'20	21° 6	26°41	11°41	15°53	23°43	14°30	11°31	11° 8	10°28	20°R 6	19°34	3°29	n.a.	S 4
M 5	12 10 23	4° 3'03	4♈22	28°48	12°51	16°12	23°49	14°34	11°34	11° 6	10°29	20° 6	19°31	3°36	n.a.	M 5
T 6	12 14 19	5° 0'43	17°55	0♈55	14° 0	16°32	23°55	14°38	11°38	11° 5	10°29	20° 5	19°27	3°42	n.a.	T 6
W 7	12 18 16	5°58'23	1♉43	3° 4	15° 9	16°52	24° 2	14°42	11°41	11° 3	10°30	20° 3	19°24	3°49	n.a.	W 7
T 8	12 22 12	6°56'01	15°44	5°14	16°18	17°12	24° 9	14°47	11°44	11° 2	10°30	20° 1	19°21	3°56	n.a.	T 8
F 9	12 26 9	7°53'37	29°53	7°24	17°27	17°33	24°16	14°51	11°47	11° 1	10°30	19°59	19°18	4° 3	n.a.	F 9
S 10	12 30 5	8°51'12	14♊ 8	9°35	18°35	17°55	24°23	14°56	11°50	10°59	10°31	19°57	19°15	4° 9	n.a.	S 10
S 11	12 34 2	9°48'45	28°24	11°46	19°44	18°16	24°30	15° 0	11°54	10°58	10°31	19°56	19°12	4°16	n.a.	S 11
M12	12 37 59	10°46'16	12♋38	13°57	20°52	18°38	24°37	15° 5	11°57	10°56	10°31	19°D55	19° 8	4°23	n.a.	M12
T 13	12 41 55	11°43'46	26°48	16° 8	22° 1	19° 1	24°44	15°10	12° 0	10°55	10°31	19°56	19° 5	4°29	n.a.	T 13
W14	12 45 52	12°41'15	10♌53	18°18	23° 9	19°23	24°52	15°14	12° 3	10°54	10°32	19°57	19° 2	4°36	n.a.	W14
T 15	12 49 48	13°38'41	24°49	20°27	24°17	19°46	25° 0	15°19	12° 6	10°52	10°32	19°59	18°59	4°43	n.a.	T 15
F 16	12 53 45	14°36'07	8♍36	22°35	25°25	20°10	25° 7	15°24	12° 9	10°51	10°32	20° 0	18°56	4°50	n.a.	F 16
S 17	12 57 41	15°33'30	22°12	24°42	26°33	20°33	25°15	15°29	12°12	10°50	10°32	20°R 0	18°52	4°56	n.a.	S 17
S 18	13 1 38	16°30'53	5♎36	26°47	27°40	20°57	25°23	15°34	12°15	10°49	10°32	19°59	18°49	5° 3	n.a.	S 18
M19	13 5 34	17°28'14	18°46	28°50	28°48	21°21	25°31	15°40	12°18	10°47	10°32	19°57	18°46	5°10	n.a.	M19
T 20	13 9 31	18°25'35	1♏42	0♉51	29°55	21°46	25°40	15°45	12°21	10°46	10°32	19°54	18°43	5°16	n.a.	T 20
W21	13 13 28	19°22'54	14°22	2°50	1♊ 2	22°11	25°48	15°50	12°24	10°45	10°32	19°49	18°40	5°23	n.a.	W21
T 22	13 17 24	20°20'13	26°49	4°46	2° 9	22°36	25°56	15°56	12°26	10°44	10°R32	19°44	18°37	5°30	n.a.	T 22
F 23	13 21 21	21°17'31	9♐ 3	6°40	3°16	23° 1	26° 5	16° 1	12°29	10°43	10°32	19°39	18°33	5°37	n.a.	F 23
S 24	13 25 17	22°14'48	21° 6	8°32	4°23	23°27	26°14	16° 7	12°32	10°41	10°32	19°35	18°30	5°43	n.a.	S 24
S 25	13 29 14	23°12'04	3♑ 2	10°21	5°29	23°53	26°23	16°12	12°35	10°40	10°32	19°32	18°27	5°50	n.a.	S 25
M26	13 33 10	24° 9'20	14°55	12° 8	6°36	24°19	26°32	16°18	12°38	10°39	10°32	19°30	18°24	5°57	n.a.	M26
T 27	13 37 7	25° 6'35	26°49	13°52	7°42	24°46	26°41	16°24	12°40	10°38	10°32	19°D29	18°21	6° 4	n.a.	T 27
W28	13 41 3	26° 3'49	8♒49	15°33	8°48	25°13	26°50	16°30	12°43	10°37	10°32	19°30	18°18	6°10	n.a.	W28
T 29	13 45 0	27° 1'03	20°59	17°11	9°54	25°40	26°59	16°35	12°46	10°36	10°32	19°31	18°14	6°17	n.a.	T 29
F 30	13 48 57	27♈58'16	3♓25	18♉47	11♊ 0	26♋ 7	27♊ 8	16♊41	12♓48	10♏35	10♑32	19♓33	18♓11	6♑24	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 5	20s13	3s11	5s 7	1s25	16n 0	1n36	25n36	2n38	24n19	0n38	22n40	0s14	8s 6	0s44	9n15	1n55	32s30	9s 6	4s 0	4s 8	28s48		n.a.
F 2	0 28	15 19	2 12	4 11	1 17	16 25	1 39	25 32	2 36	24 19	0 38	22 41	0 14	8 5	0 44	9 16	1 55	32 30	9 7	3 59	4 9	28 48		n.a.
S 3	0 52	9 40	1 6	3 13	1 8	16 50	1 42	25 27	2 34	24 19	0 38	22 41	0 14	8 4	0 44	9 16	1 55	32 30	9 7	3 59	4 11	28 47		n.a.
S 4	1 15	3 30	0n 5	2 14	0 59	17 15	1 45	25 23	2 32	24 20	0 38	22 42	0 14	8 2	0 44	9 17	1 55	32 30	9 7	3 59	4 12	28 47		n.a.
M 5	1 38	2n57	1 18	1 14	0 49	17 39	1 48	25 19	2 30	24 20	0 38	22 42	0 13	8 1	0 44	9 17	1 55	32 31	9 8	3 59	4 13	28 47		n.a.
T 6	2 1	9 24	2 28	0 14	0 39	18 3	1 50	25 15	2 28	24 20	0 38	22 43	0 13	8 0	0 44	9 18	1 55	32 31	9 8	3 59	4 14	28 46		n.a.
W 7	2 25	15 32	3 30	0n48	0 29	18 27	1 53	25 10	2 26	24 20	0 38	22 43	0 13	7 59	0 44	9 19	1 55	32 31	9 8	4 0	4 16	28 46		n.a.
T 8	2 48	20 58	4 20	1 49	0 19	18 50	1 56	25 6	2 25	24 21	0 38	22 44	0 13	7 57	0 44	9 19	1 55	32 31	9 8	4 1	4 17	28 45		n.a.
F 9	3 11	25 16	4 56	2 51	0 9	19 12	1 58	25 1	2 23	24 21	0 38	22 45	0 13	7 56	0 44	9 20	1 55	32 32	9 9	4 2	4 18	28 45		n.a.
S 10	3 34	28 3	5 13	3 53	0n 2	19 34	2 1	24 57	2 21	24 21	0 38	22 45	0 13	7 55	0 44	9 20	1 55	32 32	9 9	4 3	4 20	28 44		n.a.
S 11	3 57	29 1	5 11	4 55	0 13	19 56	2 3	24 52	2 19	24 22	0 38	22 46	0 13	7 54	0 44	9 21	1 55	32 32	9 9	4 3	4 21	28 44		n.a.
M12	4 20	28 3	4 50	5 57	0 23	20 17	2 5	24 47	2 17	24 22	0 38	22 47	0 13	7 53	0 44	9 21	1 55	32 32	9 10	4 3	4 22	28 44		n.a.
T 13	4 43	25 16	4 12	6 58	0 34	20 37	2 8	24 42	2 16	24 22	0 38	22 47	0 13	7 51	0 44	9 22	1 55	32 33	9 10	4 3	4 23	28 43		n.a.
W14	5 6	20 58	3 19	7 58	0 44	20 57	2 10	24 37	2 14	24 23	0 38	22 48	0 12	7 50	0 44	9 22	1 55	32 33	9 10	4 3	4 25	28 43		n.a.
T 15	5 28	15 34	2 14	8 57	0 54	21 17	2 12	24 32	2 12	24 23	0 38	22 49	0 12	7 49	0 44	9 23	1 55	32 33	9 11	4 2	4 26	28 42		n.a.
F 16	5 51	9 26	1 2	9 54	1 3	21 36	2 14	24 27	2 10	24 23	0 38	22 49	0 12	7 48	0 44	9 23	1 55	32 34	9 11	4 2	4 27	28 42		n.a.
S 17	6 13	2 58	0s12	10 51	1 13	21 54	2 16	24 21	2 9	24 23	0 38	22 50	0 12	7 47	0 44	9 24	1 55	32 34	9 11	4 1	4 28	28 41		n.a.
S 18	6 36	3s33	1 25	11 45	1 21	22 12	2 18	24 16	2 7	24 24	0 38	22 51	0 12	7 46	0 44	9 24	1 55	32 34	9 11	4 2	4 30	28 41		n.a.
M19	6 58	9 48	2 31	12 38	1 30	22 30	2 20	24 10	2 5	24 24	0 38	22 51	0 12	7 44	0 44	9 25	1 55	32 34	9 12	4 3	4 31	28 40		n.a.
T 20	7 20	15 31	3 29	13 28	1 37	22 46	2 22	24 5	2 4	24 24	0 39	22 52	0 12	7 43	0 44	9 25	1 55	32 35	9 12	4 4	4 32	28 40		n.a.
W21	7 42	20 27	4 14	14 17	1 44	23 2	2 23	23 59	2 2	24 25	0 39	22 53	0 12	7 42	0 44	9 25	1 55	32 35	9 12	4 6	4 33	28 39		n.a.
T 22	8 4	24 25	4 47	15 4	1 51	23 18	2 25	23 53	2 1	24 25	0 39	22 53	0 12	7 41	0 44	9 26	1 55	32 35	9 13	4 8	4 35	28 38		n.a.
F 23	8 26	27 13	5 6	15 48	1 57	23 33	2 26	23 47	1 59	24 25	0 39	22 54	0 11	7 40	0 44	9 26	1 55	32 36	9 13	4 10	4 36	28 38		n.a.
S 24	8 48	28 43	5 11	16 30	2 2	23 47	2 28	23 41	1 57	24 25	0 39	22 55	0 11	7 39	0 44	9 27	1 55	32 36	9 13	4 12	4 37	28 37		n.a.
S 25	9 10	28 51	5 3	17 10	2 6	24 1	2 29	23 35	1 56	24 26	0 39	22 55	0 11	7 38	0 44	9 27	1 55	32 36	9 14	4 13	4 38	28 37		n.a.
M26	9 31	27 39	4 42	17 47	2 10	24 14	2 30	23 29	1 54	24 26	0 39	22 56	0 11	7 37	0 44	9 27	1 55	32 37	9 14	4 14	4 40	28 36		n.a.
T 27	9 52	25 12	4 8	18 22	2 13	24 27	2 32	23 22	1 53	24 26	0 39	22 57	0 11	7 36	0 45	9 28	1 55	32 37	9 14	4 14	4 41	28 36		n.a.
W28	10 14	21 37	3 23	18 55	2 15	24 39	2 33	23 16	1 51	24 26	0 39	22 57	0 11	7 35	0 45	9 28	1 55	32 37	9 14	4 13	4 42	28 35		n.a.
T 29	10 35	17 5	2 29	19 26	2 17	24 50	2 34	23 9	1 50	24 27	0 39	22 58	0 11	7 34	0 45	9 29	1 55	32 37	9 15	4 13	4 44	28 34		n.a.
F 30	10n56	11s46	1s27	19n54	2n18	25n 1	2n34	23n 3	1n48	24n27	0n39	22n59	0s11	7s33	0s45	9n29	1n54	32s38	9s15	4s12	4s45	28s34		n.a.

Julian Day Number = 1291614.5, Delta T = 07h58m40s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'05, Lahiri = -20°12'04 Julian Calendar 1 Apr. 1177 BCE == Greg. Calendar 21 March 1177 BCE

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

MAY 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 53	28♈55'29	16♓11	20♉20	12♊ 5	26♋35	27♊18	16♊47	12♓51	10°R34	10°R31	19°R34	18♓ 8	6♑30	n.a.	S 1
S 2	13 56 50	29°52'41	29°19	21°51	13°10	27° 2	27°27	16°53	12°54	10♍33	10♑31	19♓33	18° 5	6°37	n.a.	S 2
M 3	14 0 46	0♉49'53	12♈50	23°18	14°15	27°30	27°37	16°59	12°56	10°32	10°31	19°31	18° 2	6°44	n.a.	M 3
T 4	14 4 43	1°47'04	26°44	24°43	15°20	27°59	27°47	17° 6	12°59	10°31	10°31	19°27	17°58	6°51	n.a.	T 4
W 5	14 8 39	2°44'15	10♉58	26° 4	16°25	28°27	27°56	17°12	13° 1	10°31	10°30	19°22	17°55	6°57	n.a.	W 5
T 6	14 12 36	3°41'25	25°26	27°23	17°30	28°56	28° 6	17°18	13° 4	10°30	10°30	19°15	17°52	7° 4	n.a.	T 6
F 7	14 16 32	4°38'35	10♊ 2	28°39	18°34	29°25	28°16	17°24	13° 6	10°29	10°30	19° 8	17°49	7°11	n.a.	F 7
S 8	14 20 29	5°35'44	24°40	29°52	19°38	29°54	28°27	17°31	13° 8	10°28	10°29	19° 2	17°46	7°17	n.a.	S 8
S 9	14 24 26	6°32'52	9♋13	1♊ 2	20°42	0♌23	28°37	17°37	13°11	10°27	10°29	18°58	17°43	7°24	n.a.	S 9
M10	14 28 22	7°29'59	23°35	2° 9	21°45	0°53	28°47	17°44	13°13	10°27	10°28	18°55	17°39	7°31	n.a.	M10
T 11	14 32 19	8°27'06	7♌44	3°12	22°49	1°23	28°57	17°50	13°15	10°26	10°28	18°D54	17°36	7°38	n.a.	T 11
W12	14 36 15	9°24'12	21°39	4°13	23°52	1°53	29° 8	17°57	13°18	10°25	10°27	18°55	17°33	7°44	n.a.	W12
T 13	14 40 12	10°21'17	5♍19	5° 9	24°55	2°23	29°18	18° 4	13°20	10°25	10°27	18°56	17°30	7°51	n.a.	T 13
F 14	14 44 8	11°18'22	18°45	6° 3	25°57	2°54	29°29	18°10	13°22	10°24	10°26	18°R56	17°27	7°58	n.a.	F 14
S 15	14 48 5	12°15'26	1♎58	6°53	26°59	3°24	29°40	18°17	13°24	10°23	10°26	18°56	17°23	8° 4	n.a.	S 15
S 16	14 52 2	13°12'30	14°59	7°39	28° 1	3°55	29°50	18°24	13°26	10°23	10°25	18°53	17°20	8°11	n.a.	S 16
M17	14 55 58	14° 9'33	27°49	8°22	29° 3	4°26	0♋ 1	18°30	13°28	10°22	10°25	18°47	17°17	8°18	n.a.	M17
T 18	14 59 55	15° 6'36	10♏27	9° 0	0♋ 4	4°57	0°12	18°37	13°30	10°22	10°24	18°40	17°14	8°25	n.a.	T 18
W19	15 3 51	16° 3'39	22°54	9°35	1° 5	5°29	0°23	18°44	13°32	10°21	10°23	18°31	17°11	8°31	n.a.	W19
T 20	15 7 48	17° 0'42	5♐11	10° 5	2° 6	6° 0	0°34	18°51	13°34	10°21	10°23	18°20	17° 8	8°38	n.a.	T 20
F 21	15 11 44	17°57'45	17°19	10°31	3° 7	6°32	0°45	18°58	13°36	10°21	10°22	18° 9	17° 4	8°45	n.a.	F 21
S 22	15 15 41	18°54'49	29°18	10°53	4° 7	7° 4	0°57	19° 5	13°38	10°20	10°21	18° 0	17° 1	8°51	n.a.	S 22
S 23	15 19 37	19°51'52	11♑12	11°11	5° 6	7°36	1° 8	19°12	13°40	10°20	10°21	17°52	16°58	8°58	n.a.	S 23
M24	15 23 34	20°48'56	23° 3	11°24	6° 6	8° 8	1°19	19°19	13°42	10°20	10°20	17°46	16°55	9° 5	n.a.	M24
T 25	15 27 31	21°46'00	4♒56	11°32	7° 5	8°41	1°31	19°26	13°43	10°19	10°19	17°42	16°52	9°12	n.a.	T 25
W26	15 31 27	22°43'04	16°53	11°R36	8° 3	9°13	1°42	19°34	13°45	10°19	10°18	17°41	16°49	9°18	n.a.	W26
T 27	15 35 24	23°40'08	29° 2	11°35	9° 2	9°46	1°54	19°41	13°47	10°19	10°17	17°D41	16°45	9°25	n.a.	T 27
F 28	15 39 20	24°37'13	11♓27	11°29	9°59	10°19	2° 5	19°48	13°48	10°19	10°17	17°R41	16°42	9°32	n.a.	F 28
S 29	15 43 17	25°34'19	24°12	11°19	10°57	10°52	2°17	19°55	13°50	10°19	10°16	17°41	16°39	9°38	n.a.	S 29
S 30	15 47 13	26°31'25	7♈22	11° 5	11°54	11°25	2°29	20° 3	13°51	10°18	10°15	17°39	16°36	9°45	n.a.	S 30
M31	15 51 10	27♉28'31	21♈ 0	10♊46	12♋50	11♌59	2♋40	20♊10	13♓53	10♍18	10♑14	17♓36	16♓33	9♑52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n16	5s49	0s18	20n20	2n18	25n11	2n35	22n56	1n47	24n27	0n39	23n 0	0s11	7s32	0s45	9n29	1n54	32s38	9s15	4s12	4s46	28s33		n.a.
S 2	11 37	0n32	0n53	20 44	2 17	25 20	2 36	22 49	1 45	24 27	0 39	23 0	0 10	7 31	0 45	9 30	1 54	32 38	9 16	4 12	4 47	28 33		n.a.
M 3	11 57	7 2	2 3	21 6	2 16	25 29	2 36	22 42	1 44	24 28	0 39	23 1	0 10	7 30	0 45	9 30	1 54	32 39	9 16	4 13	4 49	28 32		n.a.
T 4	12 17	13 23	3 7	21 25	2 14	25 37	2 37	22 35	1 42	24 28	0 39	23 2	0 10	7 29	0 45	9 30	1 54	32 39	9 16	4 14	4 50	28 31		n.a.
W 5	12 37	19 11	4 2	21 42	2 11	25 44	2 37	22 27	1 41	24 28	0 39	23 2	0 10	7 28	0 45	9 30	1 54	32 39	9 16	4 17	4 51	28 31		n.a.
T 6	12 57	23 59	4 42	21 58	2 7	25 51	2 37	22 20	1 39	24 28	0 39	23 3	0 10	7 27	0 45	9 31	1 54	32 40	9 17	4 19	4 52	28 30		n.a.
F 7	13 17	27 20	5 4	22 11	2 3	25 57	2 37	22 12	1 38	24 28	0 39	23 4	0 10	7 26	0 45	9 31	1 54	32 40	9 17	4 22	4 54	28 29		n.a.
S 8	13 36	28 50	5 6	22 22	1 58	26 2	2 37	22 5	1 36	24 28	0 39	23 5	0 10	7 25	0 45	9 31	1 54	32 40	9 17	4 24	4 55	28 29		n.a.
S 9	13 56	28 19	4 49	22 32	1 52	26 7	2 37	21 57	1 35	24 28	0 39	23 5	0 10	7 24	0 45	9 31	1 54	32 41	9 18	4 26	4 56	28 28		n.a.
M10	14 15	25 54	4 14	22 39	1 46	26 11	2 37	21 49	1 33	24 29	0 39	23 6	0 10	7 23	0 45	9 32	1 54	32 41	9 18	4 27	4 57	28 27		n.a.
T 11	14 33	21 54	3 23	22 45	1 38	26 14	2 36	21 41	1 32	24 29	0 39	23 7	0 10	7 22	0 45	9 32	1 54	32 41	9 18	4 28	4 59	28 26		n.a.
W12	14 52	16 45	2 21	22 49	1 30	26 17	2 36	21 33	1 31	24 29	0 39	23 7	0 9	7 22	0 45	9 32	1 54	32 42	9 18	4 27	5 0	28 26		n.a.
T 13	15 10	10 50	1 13	22 51	1 22	26 19	2 35	21 24	1 29	24 29	0 39	23 8	0 9	7 21	0 45	9 32	1 54	32 42	9 19	4 27	5 1	28 25		n.a.
F 14	15 28	4 32	0 1	22 52	1 13	26 20	2 34	21 16	1 28	24 29	0 39	23 9	0 9	7 20	0 45	9 33	1 54	32 42	9 19	4 27	5 2	28 24		n.a.
S 15	15 46	1s51	1s 9	22 51	1 3	26 21	2 33	21 7	1 27	24 29	0 39	23 10	0 9	7 19	0 45	9 33	1 54	32 43	9 19	4 27	5 4	28 24		n.a.
S 16	16 4	8 4	2 15	22 48	0 52	26 21	2 32	20 58	1 25	24 29	0 39	23 10	0 9	7 18	0 45	9 33	1 54	32 43	9 20	4 28	5 5	28 23		n.a.
M17	16 21	13 51	3 12	22 44	0 41	26 21	2 31	20 50	1 24	24 29	0 39	23 11	0 9	7 18	0 45	9 33	1 54	32 43	9 20	4 30	5 6	28 22		n.a.
T 18	16 38	18 59	4 0	22 39	0 29	26 20	2 29	20 41	1 23	24 29	0 39	23 12	0 9	7 17	0 45	9 33	1 54	32 43	9 20	4 33	5 7	28 21		n.a.
W19	16 55	23 13	4 34	22 32	0 17	26 18	2 28	20 32	1 21	24 29	0 39	23 12	0 9	7 16	0 45	9 33	1 54	32 44	9 20	4 37	5 9	28 20		n.a.
T 20	17 12	26 22	4 56	22 24	0 4	26 15	2 26	20 22	1 20	24 29	0 39	23 13	0 9	7 15	0 45	9 33	1 54	32 44	9 21	4 41	5 10	28 20		n.a.
F 21	17 28	28 15	5 4	22 14	0s10	26 12	2 24	20 13	1 19	24 29	0 39	23 14	0 9	7 15	0 45	9 34	1 53	32 44	9 21	4 45	5 11	28 19		n.a.
S 22	17 44	28 48	4 58	22 3	0 24	26 8	2 22	20 4	1 17	24 29	0 39	23 14	0 8	7 14	0 45	9 34	1 53	32 45	9 21	4 49	5 12	28 18		n.a.
S 23	18 0	27 59	4 39	21 51	0 38	26 4	2 20	19 54	1 16	24 29	0 39	23 15	0 8	7 13	0 45	9 34	1 53	32 45	9 21	4 53	5 14	28 17		n.a.
M24	18 15	25 55	4 8	21 39	0 53	25 59	2 18	19 44	1 15	24 29	0 39	23 16	0 8	7 13	0 45	9 34	1 53	32 45	9 22	4 55	5 15	28 17		n.a.
T 25	18 31	22 42	3 27	21 25	1 8	25 54	2 15	19 34	1 14	24 29	0 39	23 16	0 8	7 12	0 45	9 34	1 53	32 46	9 22	4 56	5 16	28 16		n.a.
W26	18 45	18 31	2 36	21 10	1 24	25 48	2 13	19 24	1 12	24 29	0 39	23 17	0 8	7 11	0 45	9 34	1 53	32 46	9 22	4 57	5 17	28 15		n.a.
T 27	19 0	13 31	1 38	20 54	1 39	25 41	2 10	19 14	1 11	24 29	0 39	23 18	0 8	7 11	0 45	9 34	1 53	32 46	9 22	4 57	5 19	28 14		n.a.
F 28	19 14	7 54	0 33	20 38	1 55	25 34	2 7	19 4	1 10	24 28	0 39	23 18	0 8	7 10	0 45	9 34	1 53	32 47	9 23	4 57	5 20	28 13		n.a.
S 29	19 28	1 49	0n35	20 21	2 11	25 26	2 4	18 54	1 9	24 28	0 39	23 19	0 8	7 10	0 45	9 34	1 53	32 47	9 23	4 57	5 21	28 12		n.a.
S 30	19 42	4n32	1 43	20 4	2 26	25 18	2 0	18 43	1 7	24 28	0 39	23 20	0 8	7 9	0 45	9 34	1 53	32 47	9 23	4 57	5 23	28 11		n.a.
M31	19n55	10n54	2n47	19n46	2s41	25n 9	1n57	18n32	1n 6	24n28	0n39	23n20	0s 8	7s 8	0s45	9n34	1n53	32s48	9s23	4s59	5s24	28s11		n.a.

Julian Day Number = 1291644.5, Delta T = 07h58m39s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°19'01, Lahiri = -20°12'00 Julian Calendar 1 May 1177 BCE == Greg. Calendar 20 Apr. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

JUNE 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 7	28♉25'38	5♉ 5	10°R23	13♋46	12♌32	2♋52	20♊17	13♓54	10°R18	10°R13	17°R29	16♓29	9♑59	n.a.	T 1
W 2	15 59 3	29°22'46	19°35	9♊56	14°42	13° 6	3° 4	20°25	13°56	10°D18	10♑12	17♓21	16°26	10° 5	n.a.	W 2
T 3	16 3 0	0♊19'54	4♊25	9°25	15°37	13°40	3°16	20°32	13°57	10♏18	10°11	17°11	16°23	10°12	n.a.	T 3
F 4	16 6 56	1°17'02	19°25	8°52	16°32	14°14	3°28	20°39	13°58	10°18	10°10	17° 1	16°20	10°19	n.a.	F 4
S 5	16 10 53	2°14'11	4♋26	8°16	17°26	14°48	3°40	20°47	14° 0	10°18	10° 9	16°51	16°17	10°25	n.a.	S 5
S 6	16 14 49	3°11'21	19°19	7°38	18°20	15°22	3°52	20°54	14° 1	10°18	10° 8	16°43	16°14	10°32	n.a.	S 6
M 7	16 18 46	4° 8'30	3♌56	6°59	19°13	15°57	4° 4	21° 2	14° 2	10°19	10° 7	16°38	16°10	10°39	n.a.	M 7
T 8	16 22 43	5° 5'40	18°13	6°19	20° 5	16°31	4°17	21° 9	14° 3	10°19	10° 6	16°36	16° 7	10°46	n.a.	T 8
W 9	16 26 39	6° 2'50	2♍ 9	5°39	20°57	17° 6	4°29	21°17	14° 4	10°19	10° 5	16°D35	16° 4	10°52	n.a.	W 9
T 10	16 30 36	7° 0'00	15°44	5° 0	21°48	17°41	4°41	21°24	14° 5	10°19	10° 4	16°R35	16° 1	10°59	n.a.	T 10
F 11	16 34 32	7°57'10	28°59	4°22	22°38	18°16	4°54	21°32	14° 6	10°19	10° 3	16°35	15°58	11° 6	n.a.	F 11
S 12	16 38 29	8°54'21	11♎58	3°46	23°28	18°51	5° 6	21°40	14° 7	10°20	10° 2	16°33	15°55	11°12	n.a.	S 12
S 13	16 42 25	9°51'32	24°42	3°13	24°17	19°27	5°18	21°47	14° 8	10°20	10° 1	16°28	15°51	11°19	n.a.	S 13
M14	16 46 22	10°48'44	7♏15	2°43	25° 6	20° 2	5°31	21°55	14° 9	10°20	10° 0	16°21	15°48	11°26	n.a.	M14
T 15	16 50 18	11°45'57	19°37	2°17	25°53	20°38	5°43	22° 2	14° 9	10°21	9°59	16°11	15°45	11°33	n.a.	T 15
W16	16 54 15	12°43'10	1♐52	1°55	26°40	21°13	5°56	22°10	14°10	10°21	9°57	15°59	15°42	11°39	n.a.	W16
T 17	16 58 12	13°40'24	13°58	1°39	27°26	21°49	6° 8	22°18	14°11	10°22	9°56	15°46	15°39	11°46	n.a.	T 17
F 18	17 2 8	14°37'40	25°58	1°27	28°11	22°25	6°21	22°25	14°12	10°22	9°55	15°32	15°35	11°53	n.a.	F 18
S 19	17 6 5	15°34'56	7♑53	1°22	28°55	23° 1	6°34	22°33	14°12	10°23	9°54	15°19	15°32	11°59	n.a.	S 19
S 20	17 10 1	16°32'13	19°45	1°D21	29°39	23°37	6°46	22°41	14°13	10°23	9°53	15° 8	15°29	12° 6	n.a.	S 20
M21	17 13 58	17°29'31	1♒35	1°28	0♌21	24°14	6°59	22°48	14°13	10°24	9°52	15° 0	15°26	12°13	n.a.	M21
T 22	17 17 54	18°26'50	13°26	1°40	1° 2	24°50	7°12	22°56	14°14	10°25	9°50	14°55	15°23	12°19	n.a.	T 22
W23	17 21 51	19°24'11	25°24	1°58	1°43	25°27	7°24	23° 4	14°14	10°25	9°49	14°52	15°20	12°26	n.a.	W23
T 24	17 25 47	20°21'32	7♓31	2°23	2°22	26° 3	7°37	23°12	14°14	10°26	9°48	14°51	15°16	12°33	n.a.	T 24
F 25	17 29 44	21°18'56	19°53	2°54	3° 0	26°40	7°50	23°19	14°15	10°27	9°47	14°51	15°13	12°40	n.a.	F 25
S 26	17 33 41	22°16'20	2♈35	3°31	3°37	27°17	8° 3	23°27	14°15	10°27	9°45	14°50	15°10	12°46	n.a.	S 26
S 27	17 37 37	23°13'46	15°42	4°15	4°13	27°54	8°16	23°35	14°15	10°28	9°44	14°49	15° 7	12°53	n.a.	S 27
M28	17 41 34	24°11'14	29°17	5° 5	4°48	28°31	8°29	23°42	14°15	10°29	9°43	14°45	15° 4	13° 0	n.a.	M28
T 29	17 45 30	25° 8'42	13♉22	6° 1	5°21	29° 9	8°42	23°50	14°15	10°30	9°42	14°39	15° 1	13° 6	n.a.	T 29
W30	17 49 27	26♊ 6'13	27♉56	7♊ 3	5♌53	29♌46	8♋55	23♊58	14♓15	10♏31	9♑40	14♓31	14♓57	13♑13	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 8	16n56	3n43	19n28	2s56	24n59	1n53	18n22	1n 5	24n28	0n39	23n21	0s 7	7s 8	0s46	9n34	1n53	32s48	9s24	5s 1	5s25	28s10		n.a.
W 2	20 21	22 12	4 27	19 10	3 10	24 49	1 49	18 11	1 4	24 27	0 39	23 22	0 7	7 7	0 46	9 34	1 53	32 48	9 24	5 5	5 26	28 9		n.a.
T 3	20 33	26 11	4 54	18 52	3 24	24 39	1 45	18 0	1 2	24 27	0 39	23 22	0 7	7 7	0 46	9 34	1 53	32 48	9 24	5 9	5 28	28 8		n.a.
F 4	20 46	28 24	5 1	18 35	3 37	24 28	1 41	17 48	1 1	24 27	0 39	23 23	0 7	7 6	0 46	9 34	1 53	32 49	9 24	5 13	5 29	28 7		n.a.
S 5	20 57	28 33	4 47	18 18	3 48	24 17	1 37	17 37	1 0	24 27	0 39	23 24	0 7	7 6	0 46	9 34	1 53	32 49	9 24	5 16	5 30	28 6		n.a.
S 6	21 9	26 37	4 14	18 1	3 59	24 5	1 32	17 26	0 59	24 26	0 39	23 24	0 7	7 5	0 46	9 34	1 53	32 49	9 25	5 19	5 31	28 5		n.a.
M 7	21 20	22 55	3 25	17 46	4 8	23 53	1 27	17 14	0 58	24 26	0 40	23 25	0 7	7 5	0 46	9 33	1 53	32 50	9 25	5 22	5 33	28 4		n.a.
T 8	21 30	17 54	2 24	17 31	4 16	23 40	1 22	17 2	0 57	24 26	0 40	23 25	0 7	7 5	0 46	9 33	1 52	32 50	9 25	5 23	5 34	28 3		n.a.
W 9	21 40	12 3	1 16	17 18	4 22	23 27	1 17	16 51	0 55	24 25	0 40	23 26	0 7	7 4	0 46	9 33	1 52	32 50	9 25	5 23	5 35	28 2		n.a.
T 10	21 50	5 47	0 5	17 7	4 27	23 13	1 12	16 39	0 54	24 25	0 40	23 27	0 7	7 4	0 46	9 33	1 52	32 51	9 25	5 23	5 36	28 1		n.a.
F 11	22 0	0s35	1s 5	16 57	4 30	22 59	1 6	16 27	0 53	24 24	0 40	23 27	0 7	7 4	0 46	9 33	1 52	32 51	9 26	5 23	5 38	28 0		n.a.
S 12	22 9	6 47	2 10	16 48	4 32	22 45	1 0	16 14	0 52	24 24	0 40	23 28	0 6	7 3	0 46	9 33	1 52	32 51	9 26	5 24	5 39	28 0		n.a.
S 13	22 18	12 36	3 7	16 42	4 32	22 30	0 54	16 2	0 51	24 23	0 40	23 28	0 6	7 3	0 46	9 33	1 52	32 51	9 26	5 25	5 40	27 59		n.a.
M14	22 26	17 49	3 53	16 38	4 30	22 15	0 48	15 50	0 50	24 23	0 40	23 29	0 6	7 3	0 46	9 32	1 52	32 52	9 26	5 28	5 41	27 58		n.a.
T 15	22 34	22 14	4 28	16 36	4 27	22 0	0 42	15 37	0 49	24 22	0 40	23 29	0 6	7 2	0 46	9 32	1 52	32 52	9 26	5 32	5 43	27 57		n.a.
W16	22 42	25 37	4 51	16 37	4 22	21 45	0 35	15 25	0 47	24 22	0 40	23 30	0 6	7 2	0 46	9 32	1 52	32 52	9 27	5 37	5 44	27 56		n.a.
T 17	22 49	27 48	4 59	16 39	4 16	21 29	0 28	15 12	0 46	24 21	0 40	23 31	0 6	7 2	0 46	9 32	1 52	32 52	9 27	5 42	5 45	27 55		n.a.
F 18	22 56	28 41	4 55	16 44	4 8	21 13	0 21	14 59	0 45	24 21	0 40	23 31	0 6	7 2	0 46	9 31	1 52	32 53	9 27	5 48	5 46	27 54		n.a.
S 19	23 3	28 12	4 37	16 52	4 0	20 56	0 14	14 46	0 44	24 20	0 40	23 32	0 6	7 1	0 46	9 31	1 52	32 53	9 27	5 53	5 48	27 53		n.a.
S 20	23 9	26 26	4 7	17 1	3 50	20 40	0 6	14 33	0 43	24 20	0 40	23 32	0 6	7 1	0 46	9 31	1 52	32 53	9 27	5 57	5 49	27 51		n.a.
M21	23 14	23 30	3 27	17 13	3 39	20 23	0s 2	14 19	0 42	24 19	0 40	23 33	0 6	7 1	0 46	9 31	1 52	32 54	9 27	6 0	5 50	27 50		n.a.
T 22	23 19	19 35	2 38	17 27	3 28	20 6	0 10	14 6	0 41	24 18	0 40	23 33	0 6	7 1	0 46	9 30	1 52	32 54	9 28	6 2	5 51	27 49		n.a.
W23	23 24	14 51	1 41	17 43	3 15	19 49	0 18	13 52	0 40	24 18	0 40	23 34	0 5	7 1	0 46	9 30	1 52	32 54	9 28	6 4	5 53	27 48		n.a.
T 24	23 29	9 29	0 39	18 1	3 2	19 32	0 26	13 39	0 39	24 17	0 40	23 34	0 5	7 1	0 46	9 30	1 52	32 54	9 28	6 4	5 54	27 47		n.a.
F 25	23 33	3 40	0n27	18 20	2 48	19 15	0 35	13 25	0 38	24 16	0 40	23 35	0 5	7 1	0 46	9 29	1 51	32 55	9 28	6 4	5 55	27 46		n.a.
S 26	23 36	2n27	1 32	18 41	2 34	18 57	0 44	13 11	0 37	24 16	0 40	23 35	0 5	7 1	0 46	9 29	1 51	32 55	9 28	6 4	5 56	27 45		n.a.
S 27	23 40	8 40	2 35	19 3	2 20	18 40	0 53	12 57	0 35	24 15	0 41	23 36	0 5	7 1	0 46	9 29	1 51	32 55	9 28	6 5	5 58	27 44		n.a.
M28	23 42	14 42	3 32	19 27	2 5	18 22	1 3	12 43	0 34	24 14	0 41	23 36	0 5	7 1	0 46	9 28	1 51	32 55	9 28	6 6	5 59	27 43		n.a.
T 29	23 45	20 12	4 18	19 51	1 50	18 5	1 12	12 29	0 33	24 13	0 41	23 37	0 5	7 1	0 47	9 28	1 51	32 55	9 29	6 8	6 0	27 42		n.a.
W30	23n47	24n42	4n49	20n17	1s36	17n47	1s22	12n15	0n32	24n13	0n41	23n37	0s 5	7s 1	0s47	9n28	1n51	32s56	9s29	6s12	6s 1	27s41		n.a.

Julian Day Number = 1291675.5, Delta T = 07h58m37s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'57, Lahiri = -20°11'56 Julian Calendar 1 June 1177 BCE == Greg. Calendar 21 May 1177 BCE

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

JULY 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 23	27♊ 3'45	12♊52	8♊10	6♌23	0♍24	9♋ 7	24♊ 6	14°R15	10♍31	9°R39	14°R21	14♓54	13♉20	n.a.	T 1
F 2	17 57 20	28° 1'18	28° 4	9°24	6°53	1° 1	9°20	24°13	14♓15	10°32	9♉38	14♓10	14°51	13°27	n.a.	F 2
S 3	18 1 17	28°58'53	13♋20	10°43	7°20	1°39	9°33	24°21	14°15	10°33	9°36	14° 0	14°48	13°33	n.a.	S 3
S 4	18 5 13	29°56'29	28°30	12° 7	7°46	2°17	9°46	24°29	14°15	10°34	9°35	13°52	14°45	13°40	n.a.	S 4
M 5	18 9 10	0♋54'06	13♌23	13°36	8°11	2°55	9°59	24°36	14°15	10°35	9°34	13°47	14°41	13°47	n.a.	M 5
T 6	18 13 6	1°51'44	27°53	15° 9	8°34	3°33	10°13	24°44	14°15	10°36	9°32	13°44	14°38	13°53	n.a.	T 6
W 7	18 17 3	2°49'24	11♍58	16°47	8°55	4°11	10°26	24°52	14°14	10°37	9°31	13°D43	14°35	14° 0	n.a.	W 7
T 8	18 20 59	3°47'04	25°36	18°29	9°14	4°50	10°39	24°59	14°14	10°39	9°30	13°43	14°32	14° 7	n.a.	T 8
F 9	18 24 56	4°44'46	8♎51	20°14	9°32	5°28	10°52	25° 7	14°14	10°40	9°28	13°R43	14°29	14°14	n.a.	F 9
S 10	18 28 52	5°42'29	21°44	22° 2	9°47	6° 7	11° 5	25°15	14°13	10°41	9°27	13°42	14°26	14°20	n.a.	S 10
S 11	18 32 49	6°40'13	4♏20	23°54	10° 1	6°45	11°18	25°22	14°13	10°42	9°26	13°39	14°22	14°27	n.a.	S 11
M12	18 36 46	7°37'58	16°43	25°47	10°12	7°24	11°31	25°30	14°12	10°43	9°25	13°33	14°19	14°34	n.a.	M12
T 13	18 40 42	8°35'45	28°55	27°43	10°22	8° 3	11°44	25°38	14°12	10°45	9°23	13°25	14°16	14°40	n.a.	T 13
W14	18 44 39	9°33'34	10♐59	29°40	10°29	8°42	11°57	25°45	14°11	10°46	9°22	13°15	14°13	14°47	n.a.	W14
T 15	18 48 35	10°31'24	22°57	1♋38	10°34	9°21	12°10	25°53	14°10	10°47	9°21	13° 3	14°10	14°54	n.a.	T 15
F 16	18 52 32	11°29'15	4♑52	3°37	10°37	10° 0	12°23	26° 0	14°10	10°48	9°19	12°52	14° 7	15° 0	n.a.	F 16
S 17	18 56 28	12°27'09	16°44	5°36	10°R37	10°39	12°37	26° 8	14° 9	10°50	9°18	12°41	14° 3	15° 7	n.a.	S 17
S 18	19 0 25	13°25'04	28°35	7°36	10°35	11°19	12°50	26°15	14° 8	10°51	9°17	12°31	14° 0	15°14	n.a.	S 18
M19	19 4 21	14°23'00	10♒26	9°36	10°31	11°58	13° 3	26°23	14° 7	10°53	9°15	12°24	13°57	15°21	n.a.	M19
T 20	19 8 18	15°20'59	22°21	11°35	10°25	12°38	13°16	26°30	14° 6	10°54	9°14	12°20	13°54	15°27	n.a.	T 20
W21	19 12 15	16°18'59	4♓22	13°34	10°16	13°17	13°29	26°38	14° 5	10°55	9°13	12°18	13°51	15°34	n.a.	W21
T 22	19 16 11	17°17'01	16°32	15°32	10° 4	13°57	13°42	26°45	14° 4	10°57	9°11	12°D18	13°47	15°41	n.a.	T 22
F 23	19 20 8	18°15'06	28°56	17°30	9°51	14°37	13°55	26°52	14° 3	10°58	9°10	12°18	13°44	15°47	n.a.	F 23
S 24	19 24 4	19°13'12	11♈37	19°27	9°35	15°17	14° 8	27° 0	14° 2	11° 0	9° 9	12°19	13°41	15°54	n.a.	S 24
S 25	19 28 1	20°11'21	24°40	21°22	9°16	15°57	14°21	27° 7	14° 1	11° 1	9° 7	12°R19	13°38	16° 1	n.a.	S 25
M26	19 31 57	21° 9'32	8♉ 9	23°17	8°56	16°37	14°35	27°14	14° 0	11° 3	9° 6	12°18	13°35	16° 8	n.a.	M26
T 27	19 35 54	22° 7'45	22° 6	25°11	8°33	17°17	14°48	27°22	13°59	11° 5	9° 5	12°15	13°32	16°14	n.a.	T 27
W28	19 39 50	23° 6'00	6♊30	27° 3	8° 9	17°58	15° 1	27°29	13°57	11° 6	9° 3	12°10	13°28	16°21	n.a.	W28
T 29	19 43 47	24° 4'18	21°19	28°55	7°42	18°38	15°14	27°36	13°56	11° 8	9° 2	12° 3	13°25	16°28	n.a.	T 29
F 30	19 47 44	25° 2'37	6♋26	0♌45	7°14	19°18	15°27	27°43	13°55	11°10	9° 1	11°56	13°22	16°34	n.a.	F 30
S 31	19 51 40	26♋ 0'59	21♋42	2♌34	6♌44	19♍59	15♋40	27♊50	13♓53	11♍11	9♉ 0	11♓49	13♓19	16♉41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	27n41	5n 1	20n42	1s21	17n30	1s33	12n 0	0n31	24n12	0n41	23n37	0s 5	7s 1	0s47	9n27	1n51	32s56	9s29	6s16	6s 3	27s40			n.a.
F 2	23 49	28 42	4 52	21 8	1 6	17 12	1 43	11 46	0 30	24 11	0 41	23 38	0 5	7 1	0 47	9 27	1 51	32 56	9 29	6 20	6 4	27 38			n.a.
S 3	23 50	27 31	4 23	21 34	0 52	16 55	1 54	11 31	0 29	24 10	0 41	23 38	0 5	7 1	0 47	9 26	1 51	32 56	9 29	6 24	6 5	27 37			n.a.
S 4	23 50	24 19	3 35	22 0	0 37	16 37	2 5	11 16	0 28	24 9	0 41	23 39	0 4	7 1	0 47	9 26	1 51	32 57	9 29	6 27	6 6	27 36			n.a.
M 5	23 50	19 32	2 33	22 25	0 23	16 20	2 16	11 1	0 27	24 8	0 41	23 39	0 4	7 1	0 47	9 26	1 51	32 57	9 29	6 29	6 8	27 35			n.a.
T 6	23 49	13 42	1 23	22 50	0 10	16 3	2 27	10 47	0 26	24 7	0 41	23 40	0 4	7 1	0 47	9 25	1 51	32 57	9 29	6 30	6 9	27 34			n.a.
W 7	23 48	7 20	0 9	23 13	0n 3	15 47	2 39	10 31	0 25	24 6	0 41	23 40	0 4	7 1	0 47	9 25	1 51	32 57	9 29	6 30	6 10	27 33			n.a.
T 8	23 47	0 49	1s 3	23 35	0 15	15 30	2 51	10 16	0 24	24 5	0 41	23 40	0 4	7 1	0 47	9 24	1 51	32 57	9 30	6 30	6 11	27 32			n.a.
F 9	23 45	5s32	2 9	23 55	0 27	15 14	3 3	10 1	0 23	24 4	0 41	23 41	0 4	7 2	0 47	9 24	1 51	32 57	9 30	6 30	6 12	27 30			n.a.
S 10	23 43	11 30	3 7	24 13	0 38	14 58	3 15	9 46	0 22	24 3	0 41	23 41	0 4	7 2	0 47	9 23	1 51	32 58	9 30	6 31	6 14	27 29			n.a.
S 11	23 40	16 51	3 55	24 29	0 48	14 42	3 27	9 30	0 21	24 2	0 42	23 41	0 4	7 2	0 47	9 23	1 51	32 58	9 30	6 32	6 15	27 28			n.a.
M12	23 37	21 25	4 31	24 43	0 57	14 27	3 40	9 15	0 20	24 1	0 42	23 42	0 4	7 2	0 47	9 22	1 51	32 58	9 30	6 34	6 16	27 27			n.a.
T 13	23 33	25 1	4 53	24 55	1 6	14 12	3 53	8 59	0 19	24 0	0 42	23 42	0 4	7 2	0 47	9 22	1 51	32 58	9 30	6 37	6 17	27 26			n.a.
W14	23 29	27 27	5 2	25 4	1 14	13 58	4 6	8 43	0 18	23 59	0 42	23 42	0 4	7 3	0 47	9 21	1 51	32 58	9 30	6 41	6 19	27 24			n.a.
T 15	23 25	28 37	4 58	25 10	1 21	13 44	4 19	8 28	0 17	23 58	0 42	23 43	0 4	7 3	0 47	9 21	1 50	32 59	9 30	6 46	6 20	27 23			n.a.
F 16	23 20	28 26	4 41	25 14	1 27	13 30	4 32	8 12	0 16	23 57	0 42	23 43	0 3	7 3	0 47	9 20	1 50	32 59	9 30	6 50	6 21	27 22			n.a.
S 17	23 15	26 56	4 12	25 15	1 32	13 17	4 45	7 56	0 15	23 55	0 42	23 43	0 3	7 4	0 47	9 19	1 50	32 59	9 30	6 55	6 22	27 21			n.a.
S 18	23 9	24 14	3 31	25 13	1 36	13 5	4 59	7 40	0 14	23 54	0 42	23 44	0 3	7 4	0 47	9 19	1 50	32 59	9 30	6 58	6 24	27 19			n.a.
M19	23 3	20 30	2 42	25 9	1 40	12 53	5 12	7 24	0 13	23 53	0 42	23 44	0 3	7 4	0 47	9 18	1 50	32 59	9 30	7 1	6 25	27 18			n.a.
T 20	22 56	15 56	1 45	25 2	1 43	12 42	5 25	7 7	0 12	23 52	0 42	23 44	0 3	7 5	0 47	9 18	1 50	32 59	9 30	7 3	6 26	27 17			n.a.
W21	22 49	10 44	0 42	24 53	1 45	12 32	5 38	6 51	0 12	23 51	0 42	23 45	0 3	7 5	0 47	9 17	1 50	32 59	9 30	7 4	6 27	27 16			n.a.
T 22	22 42	5 3	0n23	24 41	1 47	12 22	5 52	6 35	0 11	23 49	0 42	23 45	0 3	7 6	0 47	9 16	1 50	33 0	9 30	7 4	6 29	27 14			n.a.
F 23	22 34	0n55	1 28	24 27	1 48	12 13	6 5	6 18	0 10	23 48	0 43	23 45	0 3	7 6	0 47	9 16	1 50	33 0	9 30	7 3	6 30	27 13			n.a.
S 24	22 26	6 58	2 31	24 11	1 48	12 5	6 17	6 2	0 9	23 47	0 43	23 45	0 3	7 6	0 47	9 15	1 50	33 0	9 30	7 3	6 31	27 12			n.a.
S 25	22 17	12 55	3 28	23 53	1 47	11 58	6 30	5 45	0 8	23 45	0 43	23 46	0 3	7 7	0 47	9 15	1 50	33 0	9 30	7 3	6 32	27 10			n.a.
M26	22 8	18 28	4 15	23 32	1 46	11 51	6 42	5 28	0 7	23 44	0 43	23 46	0 3	7 7	0 47	9 14	1 50	33 0	9 30	7 3	6 34	27 9			n.a.
T 27	21 59	23 14	4 49	23 10	1 45	11 46	6 54	5 12	0 6	23 43	0 43	23 46	0 2	7 8	0 47	9 13	1 50	33 0	9 30	7 5	6 35	27 8			n.a.
W28	21 49	26 46	5 6	22 47	1 43	11 41	7 5	4 55	0 5	23 41	0 43	23 46	0 2	7 8	0 48	9 13	1 50	33 0	9 30	7 7	6 36	27 6			n.a.
T 29	21 39	28 36	5 4	22 21	1 40	11 37	7 17	4 38	0 4	23 40	0 43	23 47	0 2	7 9	0 48	9 12	1 50	33 0	9 30	7 9	6 37	27 5			n.a.
F 30	21 29	28 20	4 40	21 54	1 38	11 34	7 27	4 21	0 3	23 38	0 43	23 47	0 2	7 10	0 48	9 11	1 50	33 0	9 30	7 12	6 39	27 4			n.a.
S 31	21n18	25n57	3n57	21n26	1n34	11n32	7s37	4n 4	0n 2	23n37	0n43	23n47	0s 2	7s10	0s48	9n11	1n50	33s 0	9s30	7s15	6s40	27s 2			n.a.

Julian Day Number = 1291705.5, Delta T = 07h58m36s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'52, Lahiri = -20°11'52 Julian Calendar 1 July 1177 BCE == Greg. Calendar 20 June 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

AUGUST 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 37	26♋59'23	6♌55	4♌22	6°R12	20♍40	15♋53	27♊58	13°R52	11♍13	8°R58	11°R44	13♓16	16♉48	n.a.	S 1
M 2	19 59 33	27°57'48	21°56	6° 9	5♌39	21°21	16° 6	28° 5	13♓51	11°15	8♉57	11♓40	13°13	16°54	n.a.	M 2
T 3	20 3 30	28°56'15	6♍37	7°55	5° 5	22° 2	16°19	28°12	13°49	11°16	8°56	11°D39	13° 9	17° 1	n.a.	T 3
W 4	20 7 26	29°54'45	20°52	9°39	4°30	22°43	16°32	28°19	13°47	11°18	8°55	11°39	13° 6	17° 8	n.a.	W 4
T 5	20 11 23	0♌53'15	4♎39	11°23	3°54	23°24	16°45	28°26	13°46	11°20	8°53	11°40	13° 3	17°15	n.a.	T 5
F 6	20 15 19	1°51'48	18° 0	13° 5	3°17	24° 5	16°57	28°32	13°44	11°22	8°52	11°41	13° 0	17°21	n.a.	F 6
S 7	20 19 16	2°50'22	0♏56	14°46	2°41	24°46	17°10	28°39	13°43	11°24	8°51	11°R42	12°57	17°28	n.a.	S 7
S 8	20 23 12	3°48'59	13°32	16°27	2° 4	25°27	17°23	28°46	13°41	11°26	8°50	11°42	12°53	17°35	n.a.	S 8
M 9	20 27 9	4°47'37	25°51	18° 6	1°27	26° 9	17°36	28°53	13°39	11°27	8°49	11°40	12°50	17°41	n.a.	M 9
T 10	20 31 6	5°46'17	7♐59	19°44	0°51	26°50	17°49	29° 0	13°37	11°29	8°48	11°36	12°47	17°48	n.a.	T 10
W11	20 35 2	6°44'59	19°57	21°21	0°16	27°32	18° 2	29° 6	13°36	11°31	8°46	11°31	12°44	17°55	n.a.	W11
T 12	20 38 59	7°43'43	1♑51	22°57	29♋41	28°14	18°14	29°13	13°34	11°33	8°45	11°25	12°41	18° 1	n.a.	T 12
F 13	20 42 55	8°42'28	13°42	24°32	29° 8	28°56	18°27	29°20	13°32	11°35	8°44	11°19	12°38	18° 8	n.a.	F 13
S 14	20 46 52	9°41'16	25°34	26° 6	28°36	29°37	18°40	29°26	13°30	11°37	8°43	11°13	12°34	18°15	n.a.	S 14
S 15	20 50 48	10°40'06	7♒27	27°39	28° 5	0♎19	18°52	29°32	13°28	11°39	8°42	11° 8	12°31	18°22	n.a.	S 15
M16	20 54 45	11°38'58	19°25	29°11	27°36	1° 1	19° 5	29°39	13°26	11°41	8°41	11° 5	12°28	18°28	n.a.	M16
T 17	20 58 41	12°37'52	1♓28	0♍42	27° 9	1°44	19°18	29°45	13°24	11°43	8°40	11° 3	12°25	18°35	n.a.	T 17
W18	21 2 38	13°36'48	13°38	2°12	26°44	2°26	19°30	29°52	13°22	11°45	8°39	11°D 3	12°22	18°42	n.a.	W18
T 19	21 6 35	14°35'47	25°59	3°41	26°22	3° 8	19°43	29°58	13°20	11°47	8°38	11° 4	12°19	18°48	n.a.	T 19
F 20	21 10 31	15°34'48	8♈31	5° 9	26° 1	3°50	19°55	0♋ 4	13°18	11°49	8°37	11° 5	12°15	18°55	n.a.	F 20
S 21	21 14 28	16°33'51	21°19	6°36	25°42	4°33	20° 7	0°10	13°16	11°51	8°36	11° 7	12°12	19° 2	n.a.	S 21
S 22	21 18 24	17°32'57	4♉24	8° 2	25°26	5°15	20°20	0°16	13°14	11°53	8°35	11° 8	12° 9	19° 8	n.a.	S 22
M23	21 22 21	18°32'05	17°50	9°28	25°13	5°58	20°32	0°22	13°12	11°55	8°34	11°R 8	12° 6	19°15	n.a.	M23
T 24	21 26 17	19°31'16	1♊38	10°52	25° 2	6°41	20°44	0°28	13°10	11°57	8°33	11° 8	12° 3	19°22	n.a.	T 24
W25	21 30 14	20°30'29	15°49	12°15	24°53	7°23	20°57	0°34	13° 7	12° 0	8°32	11° 7	11°59	19°28	n.a.	W25
T 26	21 34 10	21°29'45	0♋21	13°36	24°46	8° 6	21° 9	0°40	13° 5	12° 2	8°31	11° 4	11°56	19°35	n.a.	T 26
F 27	21 38 7	22°29'04	15° 9	14°57	24°43	8°49	21°21	0°46	13° 3	12° 4	8°30	11° 2	11°53	19°42	n.a.	F 27
S 28	21 42 4	23°28'25	0♌ 8	16°17	24°D41	9°32	21°33	0°51	13° 1	12° 6	8°29	11° 0	11°50	19°49	n.a.	S 28
S 29	21 46 0	24°27'48	15° 9	17°35	24°42	10°15	21°45	0°57	12°58	12° 8	8°28	10°58	11°47	19°55	n.a.	S 29
M30	21 49 57	25°27'13	0♍ 3	18°52	24°45	10°59	21°57	1° 3	12°56	12°10	8°28	10°57	11°44	20° 2	n.a.	M30
T 31	21 53 53	26♌26'40	14♍42	20♍ 8	24♋51	11♎42	22♋ 9	1♌ 8	12♓54	12♍12	8♉27	10°D57	11♓40	20♉ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n 6	21n41	2n56	20n57	1n30	11n30	7s46	3n47	0n 1	23n36	0n43	23n47	0s 2	7s11	0s48	9n10	1n50	33s 0	9s30	7s17	6s41	27s 1			n.a.
M 2	20 55	16 4	1 45	20 26	1 26	11 30	7 55	3 30	0 1	23 34	0 44	23 47	0 2	7 11	0 48	9 9	1 50	33 1	9 30	7 18	6 42	27 0			n.a.
T 3	20 43	9 39	0 27	19 54	1 22	11 30	8 3	3 13	0s 0	23 33	0 44	23 48	0 2	7 12	0 48	9 8	1 50	33 1	9 30	7 19	6 44	26 58			n.a.
W 4	20 30	2 55	0s50	19 22	1 17	11 32	8 10	2 55	0 1	23 31	0 44	23 48	0 2	7 13	0 48	9 8	1 50	33 1	9 30	7 19	6 45	26 57			n.a.
T 5	20 18	3s44	2 2	18 48	1 12	11 34	8 16	2 38	0 2	23 30	0 44	23 48	0 2	7 13	0 48	9 7	1 50	33 1	9 30	7 18	6 46	26 56			n.a.
F 6	20 4	10 0	3 4	18 14	1 7	11 37	8 21	2 21	0 3	23 28	0 44	23 48	0 2	7 14	0 48	9 6	1 50	33 1	9 30	7 18	6 47	26 54			n.a.
S 7	19 51	15 40	3 56	17 39	1 1	11 41	8 26	2 3	0 4	23 27	0 44	23 48	0 1	7 15	0 48	9 6	1 50	33 1	9 30	7 17	6 48	26 53			n.a.
S 8	19 37	20 31	4 34	17 3	0 55	11 45	8 29	1 46	0 5	23 25	0 44	23 48	0 1	7 15	0 48	9 5	1 50	33 1	9 30	7 18	6 50	26 51			n.a.
M 9	19 23	24 23	4 59	16 26	0 49	11 50	8 32	1 28	0 6	23 23	0 44	23 49	0 1	7 16	0 48	9 4	1 49	33 1	9 30	7 18	6 51	26 50			n.a.
T 10	19 8	27 6	5 10	15 49	0 43	11 56	8 34	1 11	0 6	23 22	0 44	23 49	0 1	7 17	0 48	9 3	1 49	33 1	9 30	7 20	6 52	26 49			n.a.
W11	18 54	28 34	5 8	15 12	0 36	12 3	8 35	0 53	0 7	23 20	0 45	23 49	0 1	7 17	0 48	9 2	1 49	33 1	9 30	7 22	6 53	26 47			n.a.
T 12	18 38	28 41	4 52	14 34	0 30	12 10	8 34	0 36	0 8	23 19	0 45	23 49	0 1	7 18	0 48	9 2	1 49	33 1	9 30	7 24	6 55	26 46			n.a.
F 13	18 23	27 29	4 23	13 55	0 23	12 18	8 33	0 18	0 9	23 17	0 45	23 49	0 1	7 19	0 48	9 1	1 49	33 1	9 30	7 26	6 56	26 44			n.a.
S 14	18 7	25 2	3 43	13 17	0 16	12 26	8 31	0 0	0 10	23 15	0 45	23 49	0 1	7 20	0 48	9 0	1 49	33 1	9 30	7 29	6 57	26 43			n.a.
S 15	17 51	21 30	2 53	12 38	0 9	12 35	8 29	0s18	0 11	23 14	0 45	23 49	0 1	7 20	0 48	8 59	1 49	33 1	9 30	7 30	6 58	26 41			n.a.
M16	17 35	17 4	1 56	11 59	0 2	12 44	8 25	0 35	0 11	23 12	0 45	23 50	0 1	7 21	0 48	8 59	1 49	33 1	9 30	7 32	7 0	26 40			n.a.
T 17	17 18	11 57	0 52	11 19	0s 5	12 53	8 21	0 53	0 12	23 10	0 45	23 50	0 1	7 22	0 48	8 58	1 49	33 1	9 29	7 32	7 1	26 38			n.a.
W18	17 1	6 19	0n14	10 40	0 13	13 3	8 16	1 11	0 13	23 9	0 45	23 50	0 0	7 23	0 48	8 57	1 49	33 1	9 29	7 33	7 2	26 37			n.a.
T 19	16 43	0 23	1 21	10 0	0 20	13 12	8 10	1 29	0 14	23 7	0 46	23 50	0 0	7 24	0 48	8 56	1 49	33 1	9 29	7 32	7 3	26 35			n.a.
F 20	16 26	5n39	2 25	9 21	0 28	13 22	8 4	1 46	0 15	23 5	0 46	23 50	0 0	7 24	0 48	8 55	1 49	33 1	9 29	7 32	7 5	26 34			n.a.
S 21	16 8	11 35	3 24	8 41	0 35	13 33	7 57	2 4	0 15	23 3	0 46	23 50	0 0	7 25	0 48	8 55	1 49	33 1	9 29	7 31	7 6	26 32			n.a.
S 22	15 50	17 9	4 13	8 2	0 43	13 43	7 49	2 22	0 16	23 2	0 46	23 50	0 0	7 26	0 48	8 54	1 49	33 1	9 29	7 31	7 7	26 31			n.a.
M23	15 31	22 3	4 50	7 23	0 50	13 53	7 41	2 40	0 17	23 0	0 46	23 50	0 0	7 27	0 48	8 53	1 49	33 1	9 29	7 30	7 8	26 29			n.a.
T 24	15 13	25 54	5 11	6 43	0 58	14 3	7 33	2 58	0 18	22 58	0 46	23 50	0n 0	7 28	0 48	8 52	1 49	33 1	9 29	7 31	7 9	26 28			n.a.
W25	14 54	28 16	5 14	6 4	1 6	14 13	7 24	3 16	0 19	22 56	0 46	23 50	0 0	7 29	0 48	8 51	1 49	33 1	9 29	7 31	7 11	26 26			n.a.
T 26	14 34	28 48	4 58	5 26	1 13	14 24	7 15	3 34	0 19	22 55	0 47	23 50	0 0	7 30	0 48	8 50	1 49	33 1	9 29	7 32	7 12	26 25			n.a.
F 27	14 15	27 17	4 21	4 47	1 21	14 34	7 6	3 52	0 20	22 53	0 47	23 50	0 0	7 30	0 48	8 50	1 49	33 1	9 28	7 33	7 13	26 23			n.a.
S 28	13 55	23 49	3 27	4 9	1 28	14 43	6 56	4 10	0 21	22 51	0 47	23 50	0 0	7 31	0 48	8 49	1 49	33 1	9 28	7 34	7 14	26 22			n.a.
S 29	13 35	18 45	2 18	3 31	1 36	14 53	6 46	4 27	0 22	22 49	0 47	23 51	0 1	7 32	0 48	8 48	1 49	33 1	9 28	7 34	7 16	26 20			n.a.
M30	13 15	12 34	1 0	2 54	1 43	15 2	6 36	4 45	0 22	22 47	0 47	23 51	0 1	7 33	0 48	8 47	1 49	33 0	9 28	7 35	7 17	26 19			n.a.
T 31	12n54	5n48	0s21	2n17	1s50	15n12	6s25	5s 3	0s23	22n46	0n47	23n51	0n 1	7s34	0s48	8n46	1n49	33s 0	9s28	7s35	7s18	26s17			n.a.

Julian Day Number = 1291736.5, Delta T = 07h58m34s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'48, Lahiri = -20°11'48 Julian Calendar 1 Aug. 1177 BCE == Greg. Calendar 21 July 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

SEPTEMBER 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 57 50	27♌26'09	29♍ 0	21♍22	24♋58	12♎25	22♋21	1♋13	12°R51	12♍15	8°R26	10♓57	11♓37	20♑15	n.a.	W 1
T 2	22 1 46	28°25'41	12♎54	22°34	25° 8	13° 9	22°33	1°19	12♓49	12°17	8♑25	10°58	11°34	20°22	n.a.	T 2
F 3	22 5 43	29°25'14	26°22	23°45	25°21	13°52	22°44	1°24	12°47	12°19	8°24	10°59	11°31	20°29	n.a.	F 3
S 4	22 9 39	0♍24'49	9♏24	24°54	25°35	14°36	22°56	1°29	12°44	12°21	8°24	11° 0	11°28	20°35	n.a.	S 4
S 5	22 13 36	1°24'26	22° 4	26° 1	25°51	15°19	23° 8	1°34	12°42	12°23	8°23	11° 1	11°24	20°42	n.a.	S 5
M 6	22 17 32	2°24'05	4♐26	27° 5	26° 9	16° 3	23°19	1°39	12°39	12°26	8°22	11°R 1	11°21	20°49	n.a.	M 6
T 7	22 21 29	3°23'47	16°33	28° 8	26°29	16°47	23°31	1°44	12°37	12°28	8°22	11° 1	11°18	20°56	n.a.	T 7
W 8	22 25 26	4°23'29	28°31	29° 8	26°51	17°31	23°42	1°49	12°35	12°30	8°21	11° 0	11°15	21° 2	n.a.	W 8
T 9	22 29 22	5°23'14	10♑23	0♎ 5	27°15	18°15	23°53	1°54	12°32	12°32	8°20	10°59	11°12	21° 9	n.a.	T 9
F 10	22 33 19	6°23'01	22°13	0°59	27°41	18°59	24° 4	1°59	12°30	12°35	8°20	10°59	11° 9	21°16	n.a.	F 10
S 11	22 37 15	7°22'50	4♒ 6	1°49	28° 8	19°43	24°16	2° 3	12°27	12°37	8°19	10°58	11° 5	21°22	n.a.	S 11
S 12	22 41 12	8°22'40	16° 4	2°36	28°37	20°27	24°27	2° 8	12°25	12°39	8°19	10°58	11° 2	21°29	n.a.	S 12
M13	22 45 8	9°22'33	28°10	3°18	29° 7	21°11	24°38	2°12	12°22	12°41	8°18	10°57	10°59	21°36	n.a.	M13
T 14	22 49 5	10°22'27	10♓25	3°56	29°39	21°55	24°49	2°17	12°20	12°43	8°18	10°57	10°56	21°42	n.a.	T 14
W15	22 53 1	11°22'24	22°51	4°28	0♌13	22°39	25° 0	2°21	12°18	12°46	8°17	10°57	10°53	21°49	n.a.	W15
T 16	22 56 58	12°22'22	5♈29	4°55	0°47	23°24	25°10	2°25	12°15	12°48	8°17	10°57	10°50	21°56	n.a.	T 16
F 17	23 0 54	13°22'23	18°20	5°16	1°24	24° 8	25°21	2°29	12°13	12°50	8°16	10°57	10°46	22° 2	n.a.	F 17
S 18	23 4 51	14°22'26	1♉24	5°30	2° 1	24°53	25°32	2°33	12°10	12°52	8°16	10°57	10°43	22° 9	n.a.	S 18
S 19	23 8 48	15°22'32	14°43	5°R37	2°40	25°37	25°42	2°37	12° 8	12°55	8°16	10°56	10°40	22°16	n.a.	S 19
M20	23 12 44	16°22'39	28°15	5°36	3°20	26°22	25°53	2°41	12° 5	12°57	8°15	10°56	10°37	22°22	n.a.	M20
T 21	23 16 41	17°22'49	12♊ 3	5°26	4° 1	27° 7	26° 3	2°45	12° 3	12°59	8°15	10°D56	10°34	22°29	n.a.	T 21
W22	23 20 37	18°23'02	26° 4	5° 8	4°44	27°52	26°13	2°49	12° 0	13° 1	8°15	10°56	10°30	22°36	n.a.	W22
T 23	23 24 34	19°23'16	10♋19	4°40	5°27	28°36	26°24	2°52	11°58	13° 4	8°14	10°56	10°27	22°43	n.a.	T 23
F 24	23 28 30	20°23'33	24°44	4° 2	6°12	29°21	26°34	2°56	11°56	13° 6	8°14	10°57	10°24	22°49	n.a.	F 24
S 25	23 32 27	21°23'52	9♌17	3°15	6°57	0♏ 6	26°44	2°59	11°53	13° 8	8°14	10°58	10°21	22°56	n.a.	S 25
S 26	23 36 23	22°24'13	23°52	2°20	7°44	0°51	26°53	3° 2	11°51	13°10	8°14	10°58	10°18	23° 3	n.a.	S 26
M27	23 40 20	23°24'36	8♍24	1°16	8°31	1°36	27° 3	3° 5	11°48	13°13	8°14	10°R59	10°15	23° 9	n.a.	M27
T 28	23 44 17	24°25'01	22°47	0° 5	9°19	2°22	27°13	3° 9	11°46	13°15	8°13	10°59	10°11	23°16	n.a.	T 28
W29	23 48 13	25°25'27	6♎56	28♍49	10° 8	3° 7	27°23	3°12	11°44	13°17	8°13	10°58	10° 8	23°23	n.a.	W29
T 30	23 52 10	26♍25'56	20♎46	27♍30	10♌58	3♏52	27♋32	3♋14	11♓41	13♍19	8♑13	10♓56	10♓ 5	23♑29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n34	1s 6	1s38	1n41	1s57	15n21	6s15	5s21	0s24	22n44	0n47	23n51	0n 1	7s35	0s48	8n45	1n49	33s 0	9s28	7s35	7s19	26s15		n.a.
T 2	12 13	7 45	2 48	1 6	2 4	15 29	6 4	5 39	0 25	22 42	0 48	23 51	0 1	7 36	0 48	8 44	1 49	33 0	9 28	7 34	7 20	26 14		n.a.
F 3	11 52	13 50	3 46	0 31	2 11	15 37	5 54	5 57	0 25	22 40	0 48	23 51	0 1	7 37	0 48	8 44	1 49	33 0	9 28	7 34	7 22	26 12		n.a.
S 4	11 31	19 7	4 30	0s 3	2 18	15 45	5 43	6 15	0 26	22 38	0 48	23 51	0 1	7 38	0 48	8 43	1 49	33 0	9 27	7 34	7 23	26 11		n.a.
S 5	11 9	23 24	5 0	0 36	2 24	15 53	5 32	6 33	0 27	22 36	0 48	23 51	0 1	7 39	0 48	8 42	1 49	33 0	9 27	7 33	7 24	26 9		n.a.
M 6	10 47	26 32	5 15	1 7	2 31	16 0	5 22	6 50	0 28	22 35	0 48	23 51	0 1	7 40	0 48	8 41	1 49	33 0	9 27	7 33	7 25	26 7		n.a.
T 7	10 26	28 22	5 15	1 38	2 37	16 7	5 11	7 8	0 28	22 33	0 48	23 51	0 1	7 41	0 48	8 40	1 49	33 0	9 27	7 33	7 27	26 6		n.a.
W 8	10 4	28 52	5 2	2 7	2 42	16 13	5 0	7 26	0 29	22 31	0 49	23 51	0 1	7 41	0 48	8 39	1 49	33 0	9 27	7 34	7 28	26 4		n.a.
T 9	9 41	28 1	4 36	2 35	2 47	16 19	4 49	7 44	0 30	22 29	0 49	23 51	0 2	7 42	0 48	8 38	1 49	33 0	9 27	7 34	7 29	26 2		n.a.
F 10	9 19	25 54	3 59	3 1	2 52	16 25	4 39	8 1	0 30	22 27	0 49	23 51	0 2	7 43	0 48	8 37	1 49	32 59	9 26	7 34	7 30	26 1		n.a.
S 11	8 57	22 38	3 11	3 26	2 57	16 30	4 28	8 19	0 31	22 26	0 49	23 51	0 2	7 44	0 48	8 37	1 49	32 59	9 26	7 34	7 32	25 59		n.a.
S 12	8 34	18 24	2 14	3 48	3 1	16 35	4 18	8 36	0 32	22 24	0 49	23 51	0 2	7 45	0 48	8 36	1 49	32 59	9 26	7 35	7 33	25 57		n.a.
M13	8 11	13 25	1 10	4 8	3 4	16 39	4 7	8 54	0 33	22 22	0 49	23 51	0 2	7 46	0 48	8 35	1 49	32 59	9 26	7 35	7 34	25 56		n.a.
T 14	7 48	7 50	0 3	4 26	3 6	16 42	3 57	9 11	0 33	22 20	0 50	23 51	0 2	7 47	0 48	8 34	1 49	32 59	9 26	7 35	7 35	25 54		n.a.
W15	7 25	1 53	1n 6	4 41	3 8	16 45	3 47	9 29	0 34	22 18	0 50	23 51	0 2	7 48	0 48	8 33	1 49	32 59	9 26	7 35	7 36	25 52		n.a.
T 16	7 2	4n13	2 12	4 53	3 9	16 48	3 36	9 46	0 35	22 16	0 50	23 51	0 2	7 49	0 48	8 32	1 49	32 59	9 26	7 35	7 38	25 51		n.a.
F 17	6 38	10 16	3 13	5 1	3 9	16 50	3 26	10 3	0 35	22 15	0 50	23 51	0 2	7 50	0 48	8 31	1 49	32 59	9 25	7 35	7 39	25 49		n.a.
S 18	6 15	15 58	4 5	5 6	3 9	16 51	3 16	10 21	0 36	22 13	0 50	23 51	0 2	7 51	0 48	8 30	1 49	32 58	9 25	7 35	7 40	25 47		n.a.
S 19	5 51	21 2	4 45	5 7	3 6	16 52	3 7	10 38	0 37	22 11	0 51	23 51	0 3	7 52	0 48	8 30	1 49	32 58	9 25	7 35	7 41	25 46		n.a.
M20	5 28	25 7	5 9	5 3	3 3	16 52	2 57	10 55	0 37	22 9	0 51	23 51	0 3	7 53	0 48	8 29	1 49	32 58	9 25	7 35	7 43	25 44		n.a.
T 21	5 4	27 51	5 17	4 55	2 58	16 52	2 47	11 12	0 38	22 7	0 51	23 51	0 3	7 54	0 48	8 28	1 49	32 58	9 25	7 35	7 44	25 42		n.a.
W22	4 40	28 53	5 6	4 41	2 52	16 51	2 38	11 29	0 38	22 6	0 51	23 51	0 3	7 55	0 48	8 27	1 49	32 58	9 24	7 35	7 45	25 41		n.a.
T 23	4 16	28 1	4 36	4 22	2 43	16 49	2 29	11 46	0 39	22 4	0 51	23 51	0 3	7 56	0 48	8 26	1 49	32 58	9 24	7 35	7 46	25 39		n.a.
F 24	3 52	25 17	3 49	3 58	2 33	16 47	2 19	12 3	0 40	22 2	0 52	23 51	0 3	7 57	0 48	8 25	1 49	32 57	9 24	7 35	7 47	25 37		n.a.
S 25	3 28	20 54	2 47	3 28	2 21	16 44	2 10	12 19	0 40	22 0	0 52	23 51	0 3	7 58	0 48	8 24	1 49	32 57	9 24	7 35	7 49	25 35		n.a.
S 26	3 4	15 15	1 33	2 53	2 8	16 41	2 2	12 36	0 41	21 59	0 52	23 51	0 3	7 58	0 48	8 24	1 49	32 57	9 24	7 34	7 50	25 34		n.a.
M27	2 40	8 47	0 14	2 13	1 52	16 37	1 53	12 53	0 42	21 57	0 52	23 51	0 3	7 59	0 48	8 23	1 49	32 57	9 24	7 34	7 51	25 32		n.a.
T 28	2 15	1 55	1s 5	1 29	1 35	16 33	1 44	13 9	0 42	21 55	0 52	23 51	0 3	8 0	0 48	8 22	1 49	32 57	9 23	7 34	7 52	25 30		n.a.
W29	1 51	4s55	2 19	0 41	1 16	16 28	1 36	13 25	0 43	21 53	0 53	23 51	0 4	8 1	0 48	8 21	1 49	32 57	9 23	7 35	7 54	25 28		n.a.
T 30	1n26	11s21	3s23	0n 9	0s56	16n22	1s27	13s42	0s43	21n52	0n53	23n51	0n 4	8s 2	0s48	8n20	1n49	32s56	9s23	7s35	7s55	25s26		n.a.

Julian Day Number = 1291767.5, Delta T = 07h58m32s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'44, Lahiri = -20°11'44 Julian Calendar 1 Sept. 1177 BCE == Greg. Calendar 21 Aug. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

OCTOBER 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 56 6	27♍26'26	4♏14	26°R11	11♌49	4♏37	27♋41	3♋17	11°R39	13♍21	8°R13	10°R54	10♓ 2	23♉36	n.a.	F 1
S 2	0 0 3	28°26'58	17°19	24♍54	12°41	5°23	27°51	3°20	11♓36	13°24	8°D13	10♓51	9°59	23°43	n.a.	S 2
S 3	0 3 59	29°27'31	0♐ 3	23°41	13°33	6° 8	28° 0	3°22	11°34	13°26	8♉13	10°49	9°56	23°49	n.a.	S 3
M 4	0 7 56	0♎28'06	12°28	22°35	14°26	6°54	28° 9	3°25	11°32	13°28	8°13	10°47	9°52	23°56	n.a.	M 4
T 5	0 11 52	1°28'42	24°37	21°38	15°20	7°39	28°18	3°27	11°30	13°30	8°13	10°46	9°49	24° 3	n.a.	T 5
W 6	0 15 49	2°29'20	6♉35	20°51	16°14	8°25	28°26	3°29	11°27	13°32	8°13	10°D45	9°46	24° 9	n.a.	W 6
T 7	0 19 46	3°29'59	18°27	20°15	17° 9	9°11	28°35	3°32	11°25	13°34	8°13	10°46	9°43	24°16	n.a.	T 7
F 8	0 23 42	4°30'39	0♒17	19°51	18° 5	9°56	28°44	3°34	11°23	13°37	8°14	10°48	9°40	24°23	n.a.	F 8
S 9	0 27 39	5°31'21	12°11	19°39	19° 1	10°42	28°52	3°36	11°21	13°39	8°14	10°50	9°36	24°30	n.a.	S 9
S 10	0 31 35	6°32'04	24°12	19°D38	19°58	11°28	29° 0	3°37	11°19	13°41	8°14	10°51	9°33	24°36	n.a.	S 10
M11	0 35 32	7°32'48	6♓25	19°48	20°55	12°14	29° 9	3°39	11°16	13°43	8°14	10°R52	9°30	24°43	n.a.	M11
T 12	0 39 28	8°33'34	18°52	20° 8	21°53	13° 0	29°17	3°41	11°14	13°45	8°14	10°52	9°27	24°50	n.a.	T 12
W13	0 43 25	9°34'21	1♈35	20°37	22°52	13°46	29°25	3°42	11°12	13°47	8°15	10°50	9°24	24°56	n.a.	W13
T 14	0 47 21	10°35'09	14°34	21°15	23°51	14°32	29°32	3°44	11°10	13°49	8°15	10°47	9°21	25° 3	n.a.	T 14
F 15	0 51 18	11°35'59	27°50	22° 0	24°50	15°18	29°40	3°45	11° 8	13°51	8°15	10°43	9°17	25°10	n.a.	F 15
S 16	0 55 14	12°36'50	11♉20	22°51	25°50	16° 4	29°48	3°46	11° 6	13°53	8°16	10°38	9°14	25°16	n.a.	S 16
S 17	0 59 11	13°37'43	25° 2	23°49	26°51	16°50	29°55	3°47	11° 4	13°55	8°16	10°32	9°11	25°23	n.a.	S 17
M18	1 3 8	14°38'38	8♊55	24°51	27°52	17°36	0♌ 2	3°48	11° 2	13°57	8°16	10°27	9° 8	25°30	n.a.	M18
T 19	1 7 4	15°39'34	22°55	25°58	28°53	18°22	0° 9	3°49	11° 0	13°59	8°17	10°24	9° 5	25°36	n.a.	T 19
W20	1 11 1	16°40'31	6♋59	27° 9	29°55	19° 9	0°16	3°50	10°58	14° 1	8°17	10°22	9° 1	25°43	n.a.	W20
T 21	1 14 57	17°41'31	21° 7	28°23	0♍57	19°55	0°23	3°50	10°57	14° 3	8°18	10°D21	8°58	25°50	n.a.	T 21
F 22	1 18 54	18°42'31	5♌16	29°40	1°59	20°41	0°30	3°51	10°55	14° 5	8°18	10°22	8°55	25°56	n.a.	F 22
S 23	1 22 50	19°43'33	19°25	0♎59	3° 2	21°28	0°36	3°51	10°53	14° 7	8°19	10°24	8°52	26° 3	n.a.	S 23
S 24	1 26 47	20°44'37	3♍32	2°20	4° 6	22°14	0°43	3°51	10°51	14° 9	8°19	10°R25	8°49	26°10	n.a.	S 24
M25	1 30 44	21°45'41	17°35	3°43	5° 9	23° 1	0°49	3°51	10°50	14°11	8°20	10°25	8°46	26°16	n.a.	M25
T 26	1 34 40	22°46'47	1♎32	5° 7	6°13	23°47	0°55	3°R51	10°48	14°13	8°21	10°23	8°42	26°23	n.a.	T 26
W27	1 38 37	23°47'54	15°18	6°33	7°18	24°34	1° 1	3°51	10°46	14°14	8°21	10°19	8°39	26°30	n.a.	W27
T 28	1 42 33	24°49'02	28°52	8° 0	8°22	25°20	1° 7	3°51	10°45	14°16	8°22	10°13	8°36	26°37	n.a.	T 28
F 29	1 46 30	25°50'11	12♏ 9	9°27	9°27	26° 7	1°12	3°51	10°43	14°18	8°23	10° 5	8°33	26°43	n.a.	F 29
S 30	1 50 26	26°51'21	25° 9	10°56	10°33	26°54	1°18	3°50	10°42	14°20	8°23	9°56	8°30	26°50	n.a.	S 30
S 31	1 54 23	27♎52'31	7♐51	12♎25	11♍38	27♏40	1♌23	3♋50	10♓40	14♍22	8♉24	9♓47	8♓27	26♉57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 2	17s 6	4s13	0n59	0s36	16n16	1s19	13s58	0s44	21n50	0n53	23n52	0n 4	8s 3	0s48	8n19	1n49	32s56	9s23	7s36	7s56	25s25		n.a.
S 2	0 38	21 54	4 49	1 50	0 15	16 9	1 11	14 14	0 44	21 48	0 53	23 52	0 4	8 4	0 48	8 19	1 49	32 56	9 23	7 37	7 57	25 23		n.a.
S 3	0 13	25 32	5 10	2 38	0n 5	16 1	1 3	14 30	0 45	21 47	0 53	23 52	0 4	8 5	0 48	8 18	1 49	32 56	9 22	7 38	7 58	25 21		n.a.
M 4	0s11	27 52	5 15	3 22	0 25	15 53	0 56	14 46	0 46	21 45	0 54	23 52	0 4	8 6	0 48	8 17	1 49	32 56	9 22	7 39	8 0	25 19		n.a.
T 5	0 36	28 49	5 6	4 2	0 44	15 45	0 48	15 1	0 46	21 43	0 54	23 52	0 4	8 7	0 48	8 16	1 49	32 55	9 22	7 39	8 1	25 17		n.a.
W 6	1 0	28 24	4 44	4 37	1 1	15 35	0 41	15 17	0 47	21 42	0 54	23 52	0 4	8 7	0 48	8 15	1 49	32 55	9 22	7 39	8 2	25 16		n.a.
T 7	1 25	26 40	4 10	5 6	1 17	15 25	0 33	15 32	0 47	21 40	0 54	23 52	0 4	8 8	0 48	8 14	1 49	32 55	9 22	7 39	8 3	25 14		n.a.
F 8	1 49	23 46	3 25	5 28	1 31	15 15	0 26	15 48	0 48	21 39	0 55	23 52	0 5	8 9	0 48	8 14	1 49	32 55	9 21	7 38	8 5	25 12		n.a.
S 9	2 14	19 51	2 31	5 44	1 43	15 4	0 19	16 3	0 48	21 37	0 55	23 52	0 5	8 10	0 48	8 13	1 49	32 55	9 21	7 38	8 6	25 10		n.a.
S 10	2 38	15 5	1 30	5 54	1 53	14 52	0 12	16 18	0 49	21 36	0 55	23 52	0 5	8 11	0 48	8 12	1 49	32 54	9 21	7 37	8 7	25 8		n.a.
M11	3 3	9 41	0 24	5 58	2 2	14 40	0 6	16 33	0 49	21 34	0 55	23 52	0 5	8 12	0 48	8 11	1 49	32 54	9 21	7 37	8 8	25 6		n.a.
T 12	3 27	3 49	0n44	5 56	2 9	14 27	0n 1	16 47	0 50	21 33	0 55	23 52	0 5	8 12	0 48	8 10	1 49	32 54	9 21	7 37	8 9	25 4		n.a.
W13	3 51	2n20	1 51	5 50	2 14	14 14	0 7	17 2	0 50	21 31	0 56	23 52	0 5	8 13	0 48	8 10	1 50	32 54	9 21	7 37	8 11	25 3		n.a.
T 14	4 15	8 30	2 54	5 38	2 18	14 0	0 13	17 16	0 51	21 30	0 56	23 52	0 5	8 14	0 48	8 9	1 50	32 54	9 20	7 39	8 12	25 1		n.a.
F 15	4 40	14 25	3 49	5 22	2 21	13 46	0 19	17 31	0 51	21 28	0 56	23 52	0 5	8 15	0 48	8 8	1 50	32 53	9 20	7 40	8 13	24 59		n.a.
S 16	5 4	19 47	4 32	5 3	2 22	13 31	0 25	17 45	0 52	21 27	0 56	23 52	0 5	8 15	0 48	8 7	1 50	32 53	9 20	7 42	8 14	24 57		n.a.
S 17	5 28	24 11	5 0	4 40	2 22	13 15	0 31	17 59	0 52	21 26	0 57	23 52	0 6	8 16	0 48	8 7	1 50	32 53	9 20	7 44	8 15	24 55		n.a.
M18	5 52	27 16	5 11	4 14	2 22	12 59	0 37	18 12	0 53	21 24	0 57	23 53	0 6	8 17	0 48	8 6	1 50	32 53	9 20	7 46	8 17	24 53		n.a.
T 19	6 16	28 42	5 4	3 46	2 20	12 43	0 42	18 26	0 53	21 23	0 57	23 53	0 6	8 18	0 48	8 5	1 50	32 53	9 19	7 48	8 18	24 51		n.a.
W20	6 40	28 17	4 39	3 15	2 18	12 26	0 47	18 40	0 54	21 22	0 57	23 53	0 6	8 18	0 48	8 4	1 50	32 52	9 19	7 48	8 19	24 49		n.a.
T 21	7 3	26 2	3 56	2 43	2 15	12 8	0 53	18 53	0 54	21 20	0 58	23 53	0 6	8 19	0 48	8 4	1 50	32 52	9 19	7 48	8 20	24 47		n.a.
F 22	7 27	22 10	2 59	2 8	2 11	11 50	0 58	19 6	0 55	21 19	0 58	23 53	0 6	8 20	0 48	8 3	1 50	32 52	9 19	7 48	8 21	24 45		n.a.
S 23	7 50	17 0	1 52	1 33	2 7	11 32	1 2	19 19	0 55	21 18	0 58	23 53	0 6	8 20	0 48	8 2	1 50	32 52	9 19	7 48	8 23	24 44		n.a.
S 24	8 14	10 57	0 37	0 56	2 3	11 13	1 7	19 31	0 56	21 17	0 58	23 53	0 6	8 21	0 48	8 1	1 50	32 51	9 18	7 47	8 24	24 42		n.a.
M25	8 37	4 23	0s39	0 18	1 58	10 53	1 12	19 44	0 56	21 16	0 59	23 53	0 6	8 22	0 48	8 1	1 50	32 51	9 18	7 47	8 25	24 40		n.a.
T 26	9 0	2s19	1 52	0s21	1 53	10 33	1 16	19 56	0 56	21 15	0 59	23 53	0 7	8 22	0 48	8 0	1 50	32 51	9 18	7 48	8 26	24 38		n.a.
W27	9 23	8 51	2 57	1 0	1 47	10 13	1 20	20 8	0 57	21 14	0 59	23 53	0 7	8 23	0 48	7 59	1 50	32 51	9 18	7 49	8 28	24 36		n.a.
T 28	9 46	14 51	3 52	1 40	1 41	9 52	1 24	20 20	0 57	21 13	0 59	23 54	0 7	8 23	0 47	7 59	1 50	32 51	9 18	7 52	8 29	24 34		n.a.
F 29	10 9	20 2	4 32	2 21	1 35	9 31	1 28	20 32	0 58	21 12	1 0	23 54	0 7	8 24	0 47	7 58	1 50	32 50	9 18	7 55	8 30	24 32		n.a.
S 30	10 31	24 10	4 57	3 2	1 29	9 9	1 32	20 44	0 58	21 11	1 0	23 54	0 7	8 24	0 47	7 57	1 50	32 50	9 17	7 58	8 31	24 30		n.a.
S 31	10s54	27s 2	5s 7	3s43	1n23	8n47	1n36	20s55	0s58	21n10	1n 0	23n54	0n 7	8s25	0s47	7n57	1n50	32s50	9s17	8s 2	8s32	24s28		n.a.

Julian Day Number = 1291797.5, Delta T = 07h58m31s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'40, Lahiri = -20°11'40 Julian Calendar 1 Oct. 1177 BCE == Greg. Calendar 20 Sept. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

NOVEMBER 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 58 19	28♎53'42	20♐15	13♎54	12♍44	28♏27	1♌28	3°R49	10°R39	14♍23	8♉25	9°R39	8♓23	27♉ 3	n.a.	M 1
T 2	2 2 16	29°54'54	2♉25	15°24	13°50	29°14	1°33	3♋49	10♓37	14°25	8°26	9♓33	8°20	27°10	n.a.	T 2
W 3	2 6 13	0♏56'06	14°23	16°55	14°56	0♐ 1	1°38	3°48	10°36	14°27	8°27	9°29	8°17	27°17	n.a.	W 3
T 4	2 10 9	1°57'19	26°14	18°26	16° 3	0°47	1°42	3°47	10°35	14°28	8°27	9°28	8°14	27°23	n.a.	T 4
F 5	2 14 6	2°58'32	8♒ 3	19°57	17°10	1°34	1°47	3°46	10°34	14°30	8°28	9°D27	8°11	27°30	n.a.	F 5
S 6	2 18 2	3°59'46	19°56	21°28	18°17	2°21	1°51	3°44	10°32	14°32	8°29	9°28	8° 7	27°37	n.a.	S 6
S 7	2 21 59	5° 0'59	1♓57	23° 0	19°24	3° 8	1°55	3°43	10°31	14°33	8°30	9°29	8° 4	27°43	n.a.	S 7
M 8	2 25 55	6° 2'13	14°13	24°32	20°31	3°55	1°59	3°42	10°30	14°35	8°31	9°R30	8° 1	27°50	n.a.	M 8
T 9	2 29 52	7° 3'28	26°46	26° 4	21°39	4°42	2° 3	3°40	10°29	14°36	8°32	9°28	7°58	27°57	n.a.	T 9
W10	2 33 48	8° 4'42	9♈40	27°36	22°47	5°29	2° 6	3°39	10°28	14°38	8°33	9°24	7°55	28° 3	n.a.	W10
T 11	2 37 45	9° 5'57	22°56	29° 8	23°55	6°16	2°10	3°37	10°27	14°39	8°34	9°17	7°52	28°10	n.a.	T 11
F 12	2 41 42	10° 7'12	6♉35	0♏41	25° 3	7° 3	2°13	3°35	10°26	14°41	8°35	9° 8	7°48	28°17	n.a.	F 12
S 13	2 45 38	11° 8'28	20°32	2°14	26°12	7°50	2°16	3°33	10°25	14°42	8°36	8°58	7°45	28°23	n.a.	S 13
S 14	2 49 35	12° 9'44	4♊45	3°47	27°21	8°37	2°19	3°31	10°25	14°44	8°37	8°47	7°42	28°30	n.a.	S 14
M15	2 53 31	13°11'00	19° 6	5°20	28°29	9°24	2°22	3°29	10°24	14°45	8°38	8°37	7°39	28°37	n.a.	M15
T 16	2 57 28	14°12'17	3♋30	6°54	29°39	10°11	2°24	3°27	10°23	14°46	8°39	8°29	7°36	28°43	n.a.	T 16
W17	3 1 24	15°13'34	17°51	8°27	0♎48	10°58	2°26	3°24	10°22	14°48	8°41	8°24	7°33	28°50	n.a.	W17
T 18	3 5 21	16°14'52	2♌ 7	10° 1	1°57	11°46	2°28	3°22	10°22	14°49	8°42	8°21	7°29	28°57	n.a.	T 18
F 19	3 9 18	17°16'10	16°14	11°35	3° 7	12°33	2°30	3°19	10°21	14°50	8°43	8°D20	7°26	29° 3	n.a.	F 19
S 20	3 13 14	18°17'28	0♍12	13°10	4°16	13°20	2°32	3°17	10°21	14°52	8°44	8°20	7°23	29°10	n.a.	S 20
S 21	3 17 11	19°18'47	14° 1	14°44	5°26	14° 7	2°34	3°14	10°20	14°53	8°45	8°R20	7°20	29°17	n.a.	S 21
M22	3 21 7	20°20'06	27°40	16°19	6°36	14°54	2°35	3°11	10°20	14°54	8°47	8°19	7°17	29°23	n.a.	M22
T 23	3 25 4	21°21'25	11♎10	17°55	7°46	15°42	2°36	3° 8	10°19	14°55	8°48	8°15	7°13	29°30	n.a.	T 23
W24	3 29 0	22°22'44	24°30	19°30	8°57	16°29	2°37	3° 5	10°19	14°56	8°49	8° 8	7°10	29°37	n.a.	W24
T 25	3 32 57	23°24'03	7♏40	21° 6	10° 7	17°16	2°38	3° 2	10°19	14°57	8°50	7°58	7° 7	29°44	n.a.	T 25
F 26	3 36 53	24°25'23	20°39	22°42	11°18	18° 3	2°38	2°59	10°19	14°58	8°52	7°45	7° 4	29°50	n.a.	F 26
S 27	3 40 50	25°26'42	3♐24	24°19	12°28	18°51	2°39	2°56	10°18	14°59	8°53	7°31	7° 1	29°57	n.a.	S 27
S 28	3 44 47	26°28'00	15°56	25°56	13°39	19°38	2°R39	2°52	10°18	15° 0	8°54	7°17	6°58	0♒ 4	n.a.	S 28
M29	3 48 43	27°29'19	28°14	27°33	14°50	20°25	2°39	2°49	10°18	15° 1	8°56	7° 4	6°54	0°10	n.a.	M29
T 30	3 52 40	28♏30'36	10♉20	29♏11	16♎ 1	21♐13	2♌39	2♋45	10°D18	15♍ 2	8♉57	6♓53	6♓51	0♒17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s16	28s29	5s 2	4s24	1n16	8n25	1n39	21s 6	0s59	21n 9	1n 1	23n54	0n 7	8s25	0s47	7n56	1n50	32s50	9s17	8s 5	8s34	24s26		n.a.
T 2	11 38	28 32	4 43	5 6	1 10	8 2	1 43	21 17	0 59	21 8	1 1	23 54	0 7	8 26	0 47	7 55	1 50	32 49	9 17	8 7	8 35	24 24		n.a.
W 3	11 59	27 14	4 13	5 47	1 3	7 39	1 46	21 27	0 59	21 7	1 1	23 54	0 7	8 26	0 47	7 55	1 50	32 49	9 17	8 8	8 36	24 22		n.a.
T 4	12 21	24 42	3 31	6 28	0 56	7 16	1 49	21 38	1 0	21 6	1 1	23 54	0 8	8 27	0 47	7 54	1 50	32 49	9 17	8 9	8 37	24 20		n.a.
F 5	12 42	21 8	2 41	7 10	0 49	6 52	1 52	21 48	1 0	21 6	1 2	23 55	0 8	8 27	0 47	7 54	1 50	32 49	9 16	8 9	8 38	24 18		n.a.
S 6	13 4	16 42	1 43	7 51	0 43	6 28	1 55	21 58	1 1	21 5	1 2	23 55	0 8	8 28	0 47	7 53	1 51	32 49	9 16	8 9	8 40	24 16		n.a.
S 7	13 25	11 35	0 40	8 32	0 36	6 4	1 58	22 8	1 1	21 4	1 2	23 55	0 8	8 28	0 47	7 52	1 51	32 48	9 16	8 8	8 41	24 14		n.a.
M 8	13 45	5 56	0n25	9 13	0 29	5 39	2 0	22 17	1 1	21 4	1 2	23 55	0 8	8 29	0 47	7 52	1 51	32 48	9 16	8 8	8 42	24 12		n.a.
T 9	14 6	0n 5	1 31	9 53	0 22	5 14	2 3	22 26	1 1	21 3	1 3	23 55	0 8	8 29	0 47	7 51	1 51	32 48	9 16	8 9	8 43	24 10		n.a.
W10	14 26	6 15	2 34	10 33	0 15	4 49	2 5	22 35	1 2	21 2	1 3	23 55	0 8	8 29	0 47	7 51	1 51	32 48	9 16	8 11	8 44	24 8		n.a.
T 11	14 46	12 18	3 30	11 13	0 8	4 23	2 7	22 44	1 2	21 2	1 3	23 56	0 8	8 30	0 47	7 50	1 51	32 47	9 15	8 13	8 46	24 6		n.a.
F 12	15 6	17 57	4 16	11 53	0 1	3 58	2 9	22 52	1 2	21 2	1 4	23 56	0 9	8 30	0 47	7 50	1 51	32 47	9 15	8 16	8 47	24 3		n.a.
S 13	15 25	22 48	4 48	12 32	0s 5	3 32	2 11	23 1	1 3	21 1	1 4	23 56	0 9	8 30	0 47	7 49	1 51	32 47	9 15	8 20	8 48	24 1		n.a.
S 14	15 44	26 23	5 2	13 10	0 12	3 6	2 12	23 9	1 3	21 1	1 4	23 56	0 9	8 31	0 47	7 49	1 51	32 47	9 15	8 24	8 49	23 59		n.a.
M15	16 3	28 20	4 58	13 48	0 18	2 39	2 14	23 16	1 3	21 0	1 4	23 56	0 9	8 31	0 47	7 48	1 51	32 47	9 15	8 28	8 50	23 57		n.a.
T 16	16 22	28 22	4 35	14 26	0 25	2 13	2 16	23 24	1 4	21 0	1 5	23 56	0 9	8 31	0 47	7 48	1 51	32 46	9 15	8 31	8 52	23 55		n.a.
W17	16 40	26 30	3 55	15 3	0 31	1 46	2 17	23 31	1 4	21 0	1 5	23 57	0 9	8 31	0 47	7 47	1 51	32 46	9 15	8 33	8 53	23 53		n.a.
T 18	16 58	22 56	3 0	15 39	0 37	1 19	2 18	23 38	1 4	21 0	1 5	23 57	0 9	8 31	0 47	7 47	1 51	32 46	9 14	8 35	8 54	23 51		n.a.
F 19	17 16	18 3	1 55	16 15	0 44	0 52	2 19	23 44	1 4	21 0	1 6	23 57	0 9	8 32	0 47	7 46	1 51	32 46	9 14	8 35	8 55	23 49		n.a.
S 20	17 34	12 15	0 43	16 50	0 50	0 25	2 20	23 51	1 5	20 59	1 6	23 57	0 9	8 32	0 47	7 46	1 51	32 45	9 14	8 35	8 56	23 47		n.a.
S 21	17 51	5 56	0s30	17 24	0 55	0s 3	2 21	23 57	1 5	20 59	1 6	23 57	0 10	8 32	0 47	7 45	1 51	32 45	9 14	8 35	8 58	23 45		n.a.
M22	18 8	0s35	1 41	17 58	1 1	0 30	2 22	24 3	1 5	20 59	1 7	23 58	0 10	8 32	0 47	7 45	1 51	32 45	9 14	8 35	8 59	23 43		n.a.
T 23	18 24	7 0	2 45	18 31	1 7	0 58	2 22	24 8	1 5	20 59	1 7	23 58	0 10	8 32	0 47	7 45	1 52	32 45	9 14	8 37	9 0	23 40		n.a.
W24	18 40	13 2	3 39	19 3	1 12	1 25	2 23	24 13	1 5	20 59	1 7	23 58	0 10	8 32	0 46	7 44	1 52	32 45	9 14	8 40	9 1	23 38		n.a.
T 25	18 56	18 23	4 20	19 34	1 17	1 53	2 23	24 18	1 6	20 59	1 7	23 58	0 10	8 32	0 46	7 44	1 52	32 44	9 14	8 43	9 2	23 36		n.a.
F 26	19 11	22 49	4 47	20 5	1 22	2 21	2 23	24 23	1 6	21 0	1 8	23 58	0 10	8 32	0 46	7 44	1 52	32 44	9 13	8 48	9 4	23 34		n.a.
S 27	19 26	26 4	4 59	20 34	1 27	2 49	2 23	24 27	1 6	21 0	1 8	23 59	0 10	8 32	0 46	7 43	1 52	32 44	9 13	8 53	9 5	23 32		n.a.
S 28	19 41	28 0	4 57	21 2	1 31	3 17	2 23	24 31	1 6	21 0	1 8	23 59	0 10	8 32	0 46	7 43	1 52	32 44	9 13	8 59	9 6	23 30		n.a.
M29	19 56	28 30	4 40	21 30	1 36	3 44	2 23	24 35	1 6	21 0	1 9	23 59	0 11	8 32	0 46	7 43	1 52	32 44	9 13	9 4	9 7	23 27		n.a.
T 30	20s10	27s36	4s11	21s56	1s40	4s12	2n23	24s39	1s 6	21n 1	1n 9	23n59	0n11	8s32	0s46	7n42	1n52	32s43	9s13	9s 8	9s 8	23s25		n.a.

Julian Day Number = 1291828.5, Delta T = 07h58m29s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'36, Lahiri = -20°11'35 Julian Calendar 1 Nov. 1177 BCE == Greg. Calendar 21 Oct. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1177 BCE
geocentric

DECEMBER 1177 BCE (-1176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 56 36	29♏31'54	22♉16	0♐49	17♎12	22♐ 0	2°R38	2°R42	10♓18	15♍ 3	8♉59	6°R45	6♓48	0♒24	n.a.	W 1
T 2	4 0 33	0♐33'10	4♒ 6	2°28	18°23	22°47	2♌38	2♋38	10°18	15° 4	9° 0	6♓40	6°45	0°30	n.a.	T 2
F 3	4 4 29	1°34'26	15°53	4° 7	19°34	23°35	2°37	2°34	10°19	15° 5	9° 2	6°38	6°42	0°37	n.a.	F 3
S 4	4 8 26	2°35'41	27°43	5°46	20°45	24°22	2°36	2°30	10°19	15° 6	9° 3	6°37	6°39	0°44	n.a.	S 4
S 5	4 12 23	3°36'55	9♓42	7°26	21°57	25° 9	2°35	2°26	10°19	15° 7	9° 4	6°37	6°35	0°50	n.a.	S 5
M 6	4 16 19	4°38'09	21°55	9° 7	23° 8	25°57	2°33	2°22	10°19	15° 7	9° 6	6°36	6°32	0°57	n.a.	M 6
T 7	4 20 16	5°39'21	4♈27	10°47	24°20	26°44	2°32	2°18	10°20	15° 8	9° 7	6°34	6°29	1° 4	n.a.	T 7
W 8	4 24 12	6°40'33	17°23	12°29	25°31	27°31	2°30	2°14	10°20	15° 9	9° 9	6°30	6°26	1°10	n.a.	W 8
T 9	4 28 9	7°41'43	0♉46	14°10	26°43	28°19	2°28	2°10	10°21	15° 9	9°10	6°22	6°23	1°17	n.a.	T 9
F 10	4 32 5	8°42'53	14°36	15°52	27°55	29° 6	2°26	2° 6	10°21	15°10	9°12	6°12	6°19	1°24	n.a.	F 10
S 11	4 36 2	9°44'02	28°52	17°34	29° 7	29°53	2°24	2° 2	10°22	15°11	9°14	6° 1	6°16	1°30	n.a.	S 11
S 12	4 39 58	10°45'10	13♊28	19°17	0♏19	0♉41	2°21	1°57	10°22	15°11	9°15	5°48	6°13	1°37	n.a.	S 12
M13	4 43 55	11°46'17	28°16	20°59	1°31	1°28	2°18	1°53	10°23	15°12	9°17	5°37	6°10	1°44	n.a.	M13
T 14	4 47 52	12°47'24	13♋ 8	22°42	2°43	2°15	2°15	1°48	10°24	15°12	9°18	5°27	6° 7	1°50	n.a.	T 14
W15	4 51 48	13°48'29	27°55	24°25	3°55	3° 3	2°12	1°44	10°24	15°13	9°20	5°20	6° 4	1°57	n.a.	W15
T 16	4 55 45	14°49'34	12♌31	26° 8	5° 7	3°50	2° 9	1°39	10°25	15°13	9°22	5°16	6° 0	2° 4	n.a.	T 16
F 17	4 59 41	15°50'38	26°51	27°50	6°19	4°37	2° 6	1°35	10°26	15°13	9°23	5°15	5°57	2°10	n.a.	F 17
S 18	5 3 38	16°51'42	10♍54	29°32	7°32	5°24	2° 2	1°30	10°27	15°14	9°25	5°14	5°54	2°17	n.a.	S 18
S 19	5 7 34	17°52'44	24°39	1♉13	8°44	6°12	1°58	1°26	10°28	15°14	9°26	5°14	5°51	2°24	n.a.	S 19
M20	5 11 31	18°53'46	8♎ 7	2°54	9°56	6°59	1°54	1°21	10°29	15°14	9°28	5°13	5°48	2°30	n.a.	M20
T 21	5 15 28	19°54'47	21°20	4°33	11° 9	7°46	1°50	1°16	10°30	15°14	9°30	5° 9	5°45	2°37	n.a.	T 21
W22	5 19 24	20°55'46	4♏21	6°10	12°21	8°33	1°46	1°11	10°31	15°15	9°31	5° 3	5°41	2°44	n.a.	W22
T 23	5 23 21	21°56'45	17°10	7°46	13°34	9°21	1°41	1° 7	10°32	15°15	9°33	4°53	5°38	2°50	n.a.	T 23
F 24	5 27 17	22°57'43	29°47	9°20	14°47	10° 8	1°37	1° 2	10°34	15°15	9°35	4°41	5°35	2°57	n.a.	F 24
S 25	5 31 14	23°58'40	12♐15	10°50	15°59	10°55	1°32	0°57	10°35	15°15	9°37	4°28	5°32	3° 4	n.a.	S 25
S 26	5 35 10	24°59'36	24°32	12°17	17°12	11°42	1°27	0°52	10°36	15°15	9°38	4°15	5°29	3°10	n.a.	S 26
M27	5 39 7	26° 0'30	6♉40	13°40	18°25	12°30	1°22	0°47	10°38	15°R15	9°40	4° 2	5°25	3°17	n.a.	M27
T 28	5 43 3	27° 1'23	18°39	14°58	19°37	13°17	1°17	0°42	10°39	15°15	9°42	3°52	5°22	3°24	n.a.	T 28
W29	5 47 0	28° 2'14	0♒31	16°11	20°50	14° 4	1°11	0°38	10°41	15°15	9°43	3°44	5°19	3°30	n.a.	W29
T 30	5 50 57	29° 3'03	12°19	17°17	22° 3	14°51	1° 6	0°33	10°42	15°15	9°45	3°39	5°16	3°37	n.a.	T 30
F 31	5 54 53	0♉ 3'51	24♒ 6	18♉17	23♏16	15♉38	1♌ 0	0♋28	10♓44	15♍15	9♉47	3♓36	5♓13	3♒44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
W 1	20s23	25s26	3s32	22s21	1s43	4s40	2n23	24s42	1s 7	21n 1	1n 9	23n59	0n11	8s32	0s46	7n42	1n52	32s43	9s13	9s11	9s10	23s23			n.a.	W 1
T 2	20 36	22 11	2 43	22 45	1 47	5 8	2 22	24 45	1 7	21 2	1 10	24 0	0 11	8 32	0 46	7 42	1 52	32 43	9 13	9 13	9 11	23 21			n.a.	T 2
F 3	20 49	18 3	1 47	23 7	1 50	5 36	2 22	24 48	1 7	21 2	1 10	24 0	0 11	8 32	0 46	7 41	1 52	32 43	9 13	9 13	9 12	23 19			n.a.	F 3
S 4	21 1	13 12	0 47	23 29	1 53	6 4	2 21	24 50	1 7	21 3	1 10	24 0	0 11	8 32	0 46	7 41	1 52	32 43	9 13	9 14	9 13	23 17			n.a.	S 4
S 5	21 13	7 48	0n16	23 49	1 56	6 31	2 20	24 52	1 7	21 3	1 10	24 0	0 11	8 32	0 46	7 41	1 52	32 42	9 13	9 14	9 14	23 14			n.a.	S 5
M 6	21 25	2 2	1 20	24 7	1 58	6 59	2 20	24 54	1 7	21 4	1 11	24 0	0 11	8 32	0 46	7 41	1 52	32 42	9 12	9 14	9 16	23 12			n.a.	M 6
T 7	21 36	3n57	2 22	24 24	2 0	7 26	2 19	24 55	1 7	21 4	1 11	24 0	0 12	8 32	0 46	7 40	1 52	32 42	9 12	9 15	9 17	23 10			n.a.	T 7
W 8	21 47	9 58	3 18	24 40	2 1	7 54	2 18	24 56	1 7	21 5	1 11	24 1	0 12	8 31	0 46	7 40	1 53	32 42	9 12	9 17	9 18	23 8			n.a.	W 8
T 9	21 57	15 45	4 5	24 54	2 2	8 21	2 16	24 57	1 8	21 6	1 12	24 1	0 12	8 31	0 46	7 40	1 53	32 42	9 12	9 19	9 19	23 6			n.a.	T 9
F 10	22 7	20 55	4 39	25 6	2 3	8 48	2 15	24 58	1 8	21 7	1 12	24 1	0 12	8 31	0 46	7 40	1 53	32 41	9 12	9 23	9 20	23 3			n.a.	F 10
S 11	22 17	25 4	4 58	25 17	2 3	9 15	2 14	24 58	1 8	21 7	1 12	24 1	0 12	8 31	0 46	7 40	1 53	32 41	9 12	9 27	9 22	23 1			n.a.	S 11
S 12	22 26	27 43	4 57	25 26	2 2	9 42	2 13	24 58	1 8	21 8	1 13	24 1	0 12	8 30	0 46	7 40	1 53	32 41	9 12	9 32	9 23	22 59			n.a.	S 12
M13	22 34	28 27	4 37	25 33	2 2	10 9	2 11	24 58	1 8	21 9	1 13	24 2	0 12	8 30	0 46	7 39	1 53	32 41	9 12	9 36	9 24	22 57			n.a.	M13
T 14	22 42	27 8	3 58	25 38	2 0	10 35	2 10	24 57	1 8	21 10	1 13	24 2	0 12	8 30	0 46	7 39	1 53	32 41	9 12	9 40	9 25	22 54			n.a.	T 14
W15	22 50	23 55	3 3	25 41	1 58	11 2	2 8	24 56	1 8	21 11	1 13	24 2	0 12	8 29	0 46	7 39	1 53	32 40	9 12	9 43	9 26	22 52			n.a.	W15
T 16	22 57	19 12	1 57	25 42	1 55	11 28	2 6	24 55	1 8	21 12	1 14	24 2	0 13	8 29	0 46	7 39	1 53	32 40	9 12	9 44	9 28	22 50			n.a.	T 16
F 17	23 4	13 27	0 44	25 41	1 52	11 54	2 4	24 53	1 8	21 13	1 14	24 2	0 13	8 29	0 45	7 39	1 53	32 40	9 12	9 45	9 29	22 48			n.a.	F 17
S 18	23 11	7 8	0s30	25 38	1 48	12 19	2 3	24 51	1 8	21 14	1 14	24 2	0 13	8 28	0 45	7 39	1 53	32 40	9 12	9 45	9 30	22 45			n.a.	S 18
S 19	23 16	0 37	1 41	25 33	1 43	12 45	2 1	24 49	1 8	21 15	1 14	24 3	0 13	8 28	0 45	7 39	1 53	32 40	9 12	9 45	9 31	22 43			n.a.	S 19
M20	23 22	5s47	2 45	25 26	1 38	13 10	1 59	24 47	1 8	21 17	1 15	24 3	0 13	8 27	0 45	7 39	1 53	32 40	9 12	9 45	9 32	22 41			n.a.	M20
T 21	23 27	11 49	3 38	25 17	1 32	13 35	1 57	24 44	1 8	21 18	1 15	24 3	0 13	8 27	0 45	7 39	1 53	32 40	9 12	9 47	9 33	22 38			n.a.	T 21
W22	23 31	17 14	4 20	25 6	1 25	13 59	1 54	24 41	1 8	21 19	1 15	24 3	0 13	8 26	0 45	7 39	1 53	32 39	9 12	9 49	9 35	22 36			n.a.	W22
T 23	23 35	21 49	4 47	24 53	1 17	14 23	1 52	24 38	1 8	21 20	1 16	24 3	0 13	8 26	0 45	7 39	1 54	32 39	9 12	9 53	9 36	22 34			n.a.	T 23
F 24	23 39	25 19	5 0	24 38	1 8	14 47	1 50	24 34	1 8	21 22	1 16	24 3	0 14	8 25	0 45	7 39	1 54	32 39	9 12	9 57	9 37	22 32			n.a.	F 24
S 25	23 42	27 34	4 58	24 21	0 58	15 11	1 48	24 31	1 8	21 23	1 16	24 4	0 14	8 25	0 45	7 39	1 54	32 39	9 12	10 2	9 38	22 29			n.a.	S 25
S 26	23 44	28 26	4 43	24 3	0 48	15 34	1 45	24 26	1 8	21 24	1 16	24 4	0 14	8 24	0 45	7 39	1 54	32 39	9 12	10 7	9 39	22 27			n.a.	S 26
M27	23 47	27 54	4 15	23 43	0 36	15 57	1 43	24 22	1 8	21 26	1 17	24 4	0 14	8 24	0 45	7 39	1 54	32 39	9 12	10 11	9 41	22 25			n.a.	M27
T 28	23 48	26 4	3 35	23 22	0 24	16 19	1 40	24 17	1 8	21 27	1 17	24 4	0 14	8 23	0 45	7 39	1 54	32 38	9 12	10 15	9 42	22 22			n.a.	T 28
W29	23 49	23 5	2 47	23 0	0 10	16 41	1 38	24 12	1 8	21 29	1 17	24 4	0 14	8 23	0 45	7 39	1 54	32 38	9 12	10 18	9 43	22 20			n.a.	W29
T 30	23 50	19 9	1 51	22 38	0n 4	17 3	1 35	24 7	1 8	21 30	1 17	24 4	0 14	8 22	0 45	7 39	1 54	32 38	9 12	10 20	9 44	22 18			n.a.	T 30
F 31	23s50	14s30	0s51	22s15	0n19	17s24	1n33	24s 1	1s 8	21n32	1n18	24n 4	0n14	8s21	0s45	7n39	1n54	32s38	9s12	10s21	9s45	22s15			n.a.	F 31

Julian Day Number = 1291858.5, Delta T = 07h58m27s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'32, Lahiri = -20°11'31 Julian Calendar 1 Dec. 1177 BCE == Greg. Calendar 20 Nov. 1177 BCE

The year -1176 astronomical counting style corresponds to year 1177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

JANUARY 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 50	1♉ 4'37	5♓55	19♉ 9	24♏29	16♉25	0°R54	0°R23	10♓45	15°R15	9♉49	3°D36	5♓10	3♒50	n.a.	S 1
S 2	6 2 46	2° 5'22	17°52	19°52	25°41	17°12	0♌48	0♋18	10°47	15♍15	9°50	3♓36	5° 6	3°57	n.a.	S 2
M 3	6 6 43	3° 6'04	0♈ 2	20°26	26°54	17°59	0°42	0°13	10°49	15°14	9°52	3°R37	5° 3	4° 4	n.a.	M 3
T 4	6 10 39	4° 6'45	12°30	20°51	28° 7	18°47	0°36	0° 8	10°50	15°14	9°54	3°36	5° 0	4°10	n.a.	T 4
W 5	6 14 36	5° 7'24	25°21	21° 5	29°20	19°34	0°29	0° 3	10°52	15°14	9°56	3°34	4°57	4°17	n.a.	W 5
T 6	6 18 32	6° 8'01	8♉40	21°R 9	0♐33	20°21	0°23	29♊59	10°54	15°14	9°57	3°30	4°54	4°24	n.a.	T 6
F 7	6 22 29	7° 8'36	22°28	21° 2	1°46	21° 7	0°16	29°54	10°56	15°13	9°59	3°23	4°51	4°30	n.a.	F 7
S 8	6 26 26	8° 9'09	6♊46	20°45	2°59	21°54	0° 9	29°49	10°58	15°13	10° 1	3°15	4°47	4°37	n.a.	S 8
S 9	6 30 22	9° 9'40	21°29	20°17	4°12	22°41	0° 2	29°44	11° 0	15°13	10° 3	3° 6	4°44	4°44	n.a.	S 9
M10	6 34 19	10°10'10	6♋30	19°41	5°25	23°28	29♋56	29°39	11° 2	15°12	10° 4	2°58	4°41	4°50	n.a.	M10
T 11	6 38 15	11°10'37	21°40	18°55	6°38	24°15	29°49	29°35	11° 4	15°12	10° 6	2°51	4°38	4°57	n.a.	T 11
W12	6 42 12	12°11'03	6♌50	18° 3	7°51	25° 2	29°41	29°30	11° 6	15°11	10° 8	2°46	4°35	5° 4	n.a.	W12
T 13	6 46 8	13°11'27	21°48	17° 5	9° 5	25°49	29°34	29°25	11° 8	15°11	10°10	2°44	4°31	5°10	n.a.	T 13
F 14	6 50 5	14°11'50	6♍29	16° 2	10°18	26°36	29°27	29°21	11°10	15°10	10°11	2°D43	4°28	5°17	n.a.	F 14
S 15	6 54 2	15°12'11	20°47	14°57	11°31	27°22	29°20	29°16	11°12	15° 9	10°13	2°44	4°25	5°24	n.a.	S 15
S 16	6 57 58	16°12'30	4♎42	13°51	12°44	28° 9	29°12	29°11	11°15	15° 9	10°15	2°45	4°22	5°30	n.a.	S 16
M17	7 1 55	17°12'48	18°13	12°46	13°57	28°56	29° 5	29° 7	11°17	15° 8	10°17	2°R46	4°19	5°37	n.a.	M17
T 18	7 5 51	18°13'04	1♏23	11°43	15°10	29°42	28°57	29° 2	11°19	15° 7	10°18	2°45	4°16	5°44	n.a.	T 18
W19	7 9 48	19°13'18	14°15	10°43	16°24	0♒29	28°50	28°58	11°22	15° 7	10°20	2°42	4°12	5°50	n.a.	W19
T 20	7 13 44	20°13'31	26°51	9°48	17°37	1°16	28°42	28°54	11°24	15° 6	10°22	2°37	4° 9	5°57	n.a.	T 20
F 21	7 17 41	21°13'42	9♐14	8°59	18°50	2° 2	28°34	28°49	11°26	15° 5	10°24	2°31	4° 6	6° 4	n.a.	F 21
S 22	7 21 37	22°13'51	21°27	8°16	20° 3	2°49	28°26	28°45	11°29	15° 4	10°25	2°23	4° 3	6°10	n.a.	S 22
S 23	7 25 34	23°13'59	3♉31	7°39	21°17	3°35	28°19	28°41	11°31	15° 4	10°27	2°15	4° 0	6°17	n.a.	S 23
M24	7 29 31	24°14'04	15°29	7°10	22°30	4°22	28°11	28°37	11°34	15° 3	10°29	2° 8	3°57	6°24	n.a.	M24
T 25	7 33 27	25°14'08	27°21	6°47	23°43	5° 8	28° 3	28°33	11°37	15° 2	10°30	2° 2	3°53	6°30	n.a.	T 25
W26	7 37 24	26°14'09	9♒10	6°31	24°56	5°55	27°55	28°28	11°39	15° 1	10°32	1°58	3°50	6°37	n.a.	W26
T 27	7 41 20	27°14'08	20°57	6°22	26°10	6°41	27°47	28°24	11°42	15° 0	10°34	1°55	3°47	6°44	n.a.	T 27
F 28	7 45 17	28°14'05	2♓46	6°D20	27°23	7°27	27°40	28°21	11°44	14°59	10°36	1°D55	3°44	6°50	n.a.	F 28
S 29	7 49 13	29°14'00	14°38	6°24	28°36	8°14	27°32	28°17	11°47	14°58	10°37	1°56	3°41	6°57	n.a.	S 29
S 30	7 53 10	0♒13'53	26°37	6°34	29°49	9° 0	27°24	28°13	11°50	14°57	10°39	1°57	3°37	7° 4	n.a.	S 30
M31	7 57 6	1♒13'43	8♈49	6♉49	1♉ 3	9♒46	27♋16	28♊ 9	11♓53	14♍56	10♉41	1♓59	3♓34	7♒10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	9s18	0n12	21s52	0n35	17s45	1n30	23s56	1s 8	21n33	1n18	24n 5	0n14	8s21	0s45	7n39	1n54	32s38	9s12	10s21	9s46	22s13		n.a.
S 2	23 49	3 43	1 16	21 29	0 51	18 5	1 27	23 50	1 8	21 35	1 18	24 5	0 15	8 20	0 45	7 40	1 54	32 38	9 12	10 21	9 48	22 11		n.a.
M 3	23 48	2n 6	2 17	21 8	1 8	18 25	1 25	23 43	1 8	21 36	1 18	24 5	0 15	8 19	0 45	7 40	1 54	32 38	9 12	10 21	9 49	22 8		n.a.
T 4	23 46	7 58	3 13	20 47	1 26	18 44	1 22	23 37	1 7	21 38	1 19	24 5	0 15	8 19	0 45	7 40	1 54	32 38	9 12	10 21	9 50	22 6		n.a.
W 5	23 44	13 41	4 1	20 27	1 43	19 3	1 19	23 30	1 7	21 40	1 19	24 5	0 15	8 18	0 45	7 40	1 54	32 38	9 12	10 22	9 51	22 3		n.a.
T 6	23 41	19 0	4 38	20 10	2 0	19 22	1 16	23 22	1 7	21 41	1 19	24 5	0 15	8 17	0 45	7 40	1 55	32 37	9 12	10 23	9 52	22 1		n.a.
F 7	23 38	23 31	5 0	19 54	2 17	19 40	1 13	23 15	1 7	21 43	1 19	24 5	0 15	8 16	0 45	7 40	1 55	32 37	9 12	10 26	9 54	21 59		n.a.
S 8	23 35	26 48	5 5	19 40	2 34	19 57	1 11	23 7	1 7	21 45	1 19	24 5	0 15	8 16	0 45	7 41	1 55	32 37	9 12	10 29	9 55	21 56		n.a.
S 9	23 31	28 23	4 50	19 29	2 49	20 14	1 8	22 59	1 7	21 46	1 20	24 5	0 15	8 15	0 45	7 41	1 55	32 37	9 12	10 32	9 56	21 54		n.a.
M10	23 26	27 56	4 15	19 20	3 4	20 30	1 5	22 51	1 7	21 48	1 20	24 6	0 15	8 14	0 45	7 41	1 55	32 37	9 12	10 35	9 57	21 51		n.a.
T 11	23 21	25 23	3 22	19 14	3 17	20 46	1 2	22 43	1 7	21 50	1 20	24 6	0 15	8 13	0 45	7 41	1 55	32 37	9 12	10 38	9 58	21 49		n.a.
W12	23 16	21 3	2 15	19 10	3 28	21 1	0 59	22 34	1 6	21 52	1 20	24 6	0 16	8 12	0 44	7 42	1 55	32 37	9 12	10 39	9 59	21 47		n.a.
T 13	23 10	15 24	0 59	19 8	3 37	21 16	0 56	22 25	1 6	21 53	1 20	24 6	0 16	8 12	0 44	7 42	1 55	32 37	9 12	10 40	10 1	21 44		n.a.
F 14	23 4	8 58	0s20	19 8	3 45	21 30	0 53	22 16	1 6	21 55	1 21	24 6	0 16	8 11	0 44	7 42	1 55	32 37	9 12	10 40	10 2	21 42		n.a.
S 15	22 57	2 15	1 36	19 11	3 50	21 43	0 50	22 7	1 6	21 57	1 21	24 6	0 16	8 10	0 44	7 42	1 55	32 37	9 12	10 40	10 3	21 39		n.a.
S 16	22 50	4s24	2 44	19 15	3 52	21 56	0 47	21 57	1 6	21 58	1 21	24 6	0 16	8 9	0 44	7 43	1 55	32 37	9 12	10 40	10 4	21 37		n.a.
M17	22 42	10 39	3 41	19 21	3 53	22 8	0 44	21 47	1 6	22 0	1 21	24 6	0 16	8 8	0 44	7 43	1 55	32 36	9 12	10 40	10 5	21 35		n.a.
T 18	22 34	16 16	4 24	19 28	3 51	22 19	0 41	21 37	1 5	22 2	1 21	24 6	0 16	8 7	0 44	7 43	1 55	32 36	9 13	10 40	10 7	21 32		n.a.
W19	22 26	21 2	4 53	19 37	3 48	22 30	0 38	21 27	1 5	22 4	1 21	24 6	0 16	8 6	0 44	7 44	1 55	32 36	9 13	10 41	10 8	21 30		n.a.
T 20	22 17	24 45	5 8	19 47	3 42	22 41	0 35	21 16	1 5	22 5	1 22	24 6	0 16	8 5	0 44	7 44	1 55	32 36	9 13	10 43	10 9	21 27		n.a.
F 21	22 8	27 15	5 7	19 57	3 35	22 50	0 31	21 5	1 5	22 7	1 22	24 6	0 16	8 4	0 44	7 44	1 55	32 36	9 13	10 45	10 10	21 25		n.a.
S 22	21 58	28 25	4 52	20 8	3 26	22 59	0 28	20 54	1 5	22 9	1 22	24 6	0 17	8 3	0 44	7 45	1 56	32 36	9 13	10 48	10 11	21 22		n.a.
S 23	21 48	28 12	4 25	20 20	3 17	23 7	0 25	20 43	1 4	22 11	1 22	24 6	0 17	8 2	0 44	7 45	1 56	32 36	9 13	10 51	10 12	21 20		n.a.
M24	21 37	26 39	3 46	20 33	3 6	23 15	0 22	20 31	1 4	22 12	1 22	24 6	0 17	8 1	0 44	7 45	1 56	32 36	9 13	10 53	10 14	21 17		n.a.
T 25	21 27	23 56	2 57	20 45	2 55	23 22	0 19	20 20	1 4	22 14	1 22	24 7	0 17	8 0	0 44	7 46	1 56	32 36	9 13	10 55	10 15	21 15		n.a.
W26	21 15	20 12	2 1	20 58	2 42	23 28	0 16	20 8	1 4	22 16	1 22	24 7	0 17	7 59	0 44	7 46	1 56	32 36	9 13	10 57	10 16	21 12		n.a.
T 27	21 4	15 41	1 0	21 11	2 30	23 33	0 13	19 56	1 3	22 18	1 22	24 7	0 17	7 58	0 44	7 47	1 56	32 36	9 13	10 58	10 17	21 10		n.a.
F 28	20 51	10 35	0n 5	21 24	2 17	23 38	0 10	19 44	1 3	22 19	1 23	24 7	0 17	7 57	0 44	7 47	1 56	32 36	9 14	10 58	10 18	21 7		n.a.
S 29	20 39	5 5	1 9	21 37	2 4	23 42	0 7	19 31	1 3	22 21	1 23	24 7	0 17	7 56	0 44	7 48	1 56	32 36	9 14	10 58	10 19	21 5		n.a.
S 30	20 26	0n38	2 11	21 49	1 51	23 46	0 4	19 19	1 3	22 23	1 23	24 7	0 17	7 55	0 44	7 48	1 56	32 36	9 14	10 57	10 21	21 2		n.a.
M31	20s13	6n26	3n 9	22s 1	1n38	23s48	0n 1	19s 6	1s 2	22n24	1n23	24n 7	0n17	7s54	0s44	7n49	1n56	32s36	9s14	10s57	10s22	21s 0		n.a.

Julian Day Number = 1291889.5, Delta T = 07h58m26s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'27, Lahiri = -20°11'27 Julian Calendar 1 Jan. 1176 BCE == Greg. Calendar 21 Dec. 1177 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

FEBRUARY 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 3	2♒13'30	21♈16	7♉10	2♉16	10♒32	27°R 8	28°R 6	11♓55	14°R55	10♉42	2♓ 0	3♓31	7♒17	n.a.	T 1
W 2	8 4 59	3°13'16	4♉ 3	7°36	3°29	11°18	27♋ 0	28♊ 2	11°58	14♍54	10°44	2°R 1	3°28	7°24	n.a.	W 2
T 3	8 8 56	4°12'59	17°15	8° 6	4°43	12° 4	26°53	27°59	12° 1	14°53	10°46	2° 0	3°25	7°30	n.a.	T 3
F 4	8 12 53	5°12'39	0♊54	8°41	5°56	12°51	26°45	27°55	12° 4	14°51	10°47	1°58	3°22	7°37	n.a.	F 4
S 5	8 16 49	6°12'17	15° 1	9°20	7° 9	13°37	26°37	27°52	12° 7	14°50	10°49	1°55	3°18	7°44	n.a.	S 5
S 6	8 20 46	7°11'53	29°35	10° 3	8°23	14°23	26°30	27°49	12°10	14°49	10°50	1°52	3°15	7°50	n.a.	S 6
M 7	8 24 42	8°11'27	14♋31	10°50	9°36	15° 8	26°22	27°46	12°13	14°48	10°52	1°48	3°12	7°57	n.a.	M 7
T 8	8 28 39	9°10'58	29°42	11°40	10°49	15°54	26°15	27°43	12°16	14°47	10°54	1°46	3° 9	8° 4	n.a.	T 8
W 9	8 32 35	10°10'27	14♌57	12°33	12° 3	16°40	26° 7	27°40	12°19	14°45	10°55	1°44	3° 6	8°10	n.a.	W 9
T 10	8 36 32	11° 9'53	0♍ 8	13°29	13°16	17°26	26° 0	27°37	12°22	14°44	10°57	1°D43	3° 3	8°17	n.a.	T 10
F 11	8 40 28	12° 9'17	15° 4	14°28	14°29	18°12	25°53	27°34	12°25	14°43	10°58	1°44	2°59	8°24	n.a.	F 11
S 12	8 44 25	13° 8'40	29°38	15°30	15°43	18°57	25°45	27°31	12°28	14°42	11° 0	1°45	2°56	8°30	n.a.	S 12
S 13	8 48 22	14° 8'00	13♎47	16°34	16°56	19°43	25°38	27°29	12°31	14°40	11° 1	1°46	2°53	8°37	n.a.	S 13
M14	8 52 18	15° 7'19	27°30	17°41	18° 9	20°29	25°31	27°26	12°34	14°39	11° 3	1°47	2°50	8°44	n.a.	M14
T 15	8 56 15	16° 6'36	10♏47	18°50	19°23	21°14	25°24	27°24	12°37	14°37	11° 4	1°R48	2°47	8°50	n.a.	T 15
W16	9 0 11	17° 5'50	23°40	20° 1	20°36	22° 0	25°17	27°22	12°40	14°36	11° 6	1°48	2°43	8°57	n.a.	W16
T 17	9 4 8	18° 5'03	6♐13	21°14	21°49	22°45	25°11	27°19	12°44	14°35	11° 7	1°47	2°40	9° 4	n.a.	T 17
F 18	9 8 4	19° 4'14	18°31	22°30	23° 3	23°31	25° 4	27°17	12°47	14°33	11° 9	1°46	2°37	9°10	n.a.	F 18
S 19	9 12 1	20° 3'23	0♑36	23°47	24°16	24°16	24°57	27°15	12°50	14°32	11°10	1°44	2°34	9°17	n.a.	S 19
S 20	9 15 57	21° 2'30	12°32	25° 6	25°29	25° 2	24°51	27°13	12°53	14°30	11°12	1°42	2°31	9°24	n.a.	S 20
M21	9 19 54	22° 1'36	24°23	26°27	26°43	25°47	24°45	27°12	12°56	14°29	11°13	1°41	2°28	9°30	n.a.	M21
T 22	9 23 51	23° 0'38	6♒11	27°49	27°56	26°32	24°38	27°10	13° 0	14°27	11°14	1°40	2°24	9°37	n.a.	T 22
W23	9 27 47	23°59'39	17°58	29°14	29°10	27°17	24°32	27° 8	13° 3	14°26	11°16	1°39	2°21	9°43	n.a.	W23
T 24	9 31 44	24°58'38	29°48	0♒40	0♒23	28° 3	24°26	27° 7	13° 6	14°24	11°17	1°D39	2°18	9°50	n.a.	T 24
F 25	9 35 40	25°57'34	11♓42	2° 7	1°36	28°48	24°21	27° 5	13°10	14°23	11°19	1°39	2°15	9°57	n.a.	F 25
S 26	9 39 37	26°56'28	23°42	3°36	2°50	29°33	24°15	27° 4	13°13	14°21	11°20	1°39	2°12	10° 3	n.a.	S 26
S 27	9 43 33	27°55'20	5♈50	5° 7	4° 3	0♓18	24° 9	27° 3	13°16	14°20	11°21	1°40	2° 8	10°10	n.a.	S 27
M28	9 47 30	28♒54'10	18♈10	6♒40	5♒16	1♓ 3	24♋ 4	27♊ 2	13♓20	14♍18	11♉22	1♓40	2♓ 5	10♒17	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s59	12n 6	3n58	22s13	1n26	23s50	0s 1	18s53	1s 2	22n26	1n23	24n 7	0n17	7s53	0s44	7n49	1n56	32s36	9s14	10s56	10s23	20s57		n.a.
W 2	19 46	17 25	4 38	22 24	1 13	23 52	0 4	18 40	1 2	22 28	1 23	24 7	0 18	7 52	0 44	7 49	1 56	32 36	9 14	10 56	10 24	20 55		n.a.
T 3	19 31	22 7	5 4	22 35	1 0	23 52	0 7	18 26	1 2	22 29	1 23	24 7	0 18	7 50	0 44	7 50	1 56	32 36	9 14	10 56	10 25	20 52		n.a.
F 4	19 17	25 48	5 14	22 45	0 48	23 52	0 10	18 13	1 1	22 31	1 23	24 7	0 18	7 49	0 44	7 50	1 56	32 36	9 15	10 57	10 26	20 50		n.a.
S 5	19 2	28 3	5 6	22 54	0 36	23 51	0 13	17 59	1 1	22 32	1 23	24 7	0 18	7 48	0 44	7 51	1 56	32 36	9 15	10 58	10 28	20 47		n.a.
S 6	18 47	28 29	4 38	23 3	0 24	23 50	0 16	17 45	1 1	22 34	1 23	24 7	0 18	7 47	0 44	7 51	1 56	32 36	9 15	10 59	10 29	20 45		n.a.
M 7	18 31	26 52	3 51	23 10	0 13	23 47	0 18	17 31	1 0	22 35	1 23	24 7	0 18	7 46	0 44	7 52	1 56	32 36	9 15	11 0	10 30	20 42		n.a.
T 8	18 15	23 17	2 47	23 17	0 2	23 44	0 21	17 17	1 0	22 37	1 23	24 7	0 18	7 45	0 44	7 53	1 56	32 36	9 15	11 1	10 31	20 40		n.a.
W 9	17 59	18 4	1 31	23 23	0s 9	23 40	0 24	17 3	1 0	22 38	1 23	24 7	0 18	7 43	0 44	7 53	1 56	32 36	9 15	11 2	10 32	20 37		n.a.
T 10	17 43	11 45	0 9	23 27	0 19	23 36	0 26	16 48	0 59	22 40	1 23	24 7	0 18	7 42	0 44	7 54	1 57	32 36	9 16	11 2	10 33	20 35		n.a.
F 11	17 26	4 52	1s13	23 31	0 29	23 31	0 29	16 34	0 59	22 41	1 23	24 7	0 18	7 41	0 44	7 54	1 57	32 36	9 16	11 2	10 35	20 32		n.a.
S 12	17 9	2s 7	2 28	23 33	0 38	23 25	0 32	16 19	0 59	22 42	1 23	24 7	0 18	7 40	0 44	7 55	1 57	32 36	9 16	11 2	10 36	20 30		n.a.
S 13	16 52	8 46	3 32	23 34	0 47	23 18	0 34	16 4	0 58	22 44	1 23	24 7	0 18	7 39	0 44	7 55	1 57	32 36	9 16	11 1	10 37	20 27		n.a.
M14	16 34	14 49	4 22	23 34	0 56	23 11	0 37	15 49	0 58	22 45	1 23	24 7	0 19	7 37	0 44	7 56	1 57	32 36	9 16	11 1	10 38	20 24		n.a.
T 15	16 16	19 58	4 56	23 33	1 4	23 3	0 39	15 34	0 58	22 46	1 23	24 7	0 19	7 36	0 44	7 56	1 57	32 36	9 17	11 1	10 39	20 22		n.a.
W16	15 58	24 3	5 13	23 30	1 12	22 55	0 41	15 19	0 57	22 48	1 23	24 7	0 19	7 35	0 44	7 57	1 57	32 36	9 17	11 1	10 40	20 19		n.a.
T 17	15 40	26 53	5 16	23 26	1 20	22 45	0 44	15 3	0 57	22 49	1 23	24 7	0 19	7 34	0 44	7 58	1 57	32 36	9 17	11 1	10 42	20 17		n.a.
F 18	15 21	28 22	5 3	23 21	1 27	22 35	0 46	14 48	0 57	22 50	1 23	24 7	0 19	7 32	0 44	7 58	1 57	32 37	9 17	11 1	10 43	20 14		n.a.
S 19	15 2	28 28	4 37	23 14	1 33	22 25	0 48	14 32	0 56	22 51	1 23	24 7	0 19	7 31	0 43	7 59	1 57	32 37	9 17	11 2	10 44	20 11		n.a.
S 20	14 43	27 13	4 0	23 6	1 39	22 13	0 50	14 16	0 56	22 53	1 23	24 7	0 19	7 30	0 43	7 59	1 57	32 37	9 18	11 3	10 45	20 9		n.a.
M21	14 24	24 45	3 12	22 56	1 45	22 1	0 53	14 0	0 55	22 54	1 23	24 7	0 19	7 29	0 43	8 0	1 57	32 37	9 18	11 3	10 46	20 6		n.a.
T 22	14 4	21 15	2 17	22 45	1 50	21 49	0 55	13 44	0 55	22 55	1 23	24 8	0 19	7 27	0 43	8 1	1 57	32 37	9 18	11 4	10 47	20 4		n.a.
W23	13 45	16 53	1 15	22 32	1 55	21 35	0 57	13 28	0 55	22 56	1 23	24 8	0 19	7 26	0 43	8 1	1 57	32 37	9 18	11 4	10 48	20 1		n.a.
T 24	13 25	11 53	0 10	22 17	2 0	21 22	0 59	13 12	0 54	22 57	1 23	24 8	0 19	7 25	0 43	8 2	1 57	32 37	9 18	11 4	10 50	19 58		n.a.
F 25	13 4	6 26	0n56	22 1	2 3	21 7	1 1	12 56	0 54	22 58	1 23	24 8	0 19	7 23	0 43	8 2	1 57	32 37	9 19	11 4	10 51	19 56		n.a.
S 26	12 44	0 43	1 59	21 43	2 7	20 52	1 3	12 39	0 54	22 59	1 23	24 8	0 19	7 22	0 43	8 3	1 57	32 37	9 19	11 4	10 52	19 53		n.a.
S 27	12 24	5n 5	2 59	21 24	2 10	20 36	1 4	12 23	0 53	23 0	1 23	24 8	0 20	7 21	0 43	8 4	1 57	32 37	9 19	11 4	10 53	19 51		n.a.
M28	12s 3	10n47	3n51	21s 3	2s12	20s20	1s 6	12s 6	0s53	23n 1	1n23	24n 8	0n20	7s19	0s43	8n 4	1n57	32s37	9s19	11s 3	10s54	19s48		n.a.

Julian Day Number = 1291920.5, Delta T = 07h58m24s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'23, Lahiri = -20°11'23 Julian Calendar 1 Feb. 1176 BCE == Greg. Calendar 21 Jan. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

MARCH 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 26	29♒52'57	0♉44	8♒14	6♒30	1♓48	23°R59	27°R 1	13♓23	14°R17	11♑24	1♓40	2♓ 2	10♒23	n.a.	T 1
W 2	9 55 23	0♓51'42	13°35	9°49	7°43	2°33	23♋54	27♊ 0	13°26	14♍15	11°25	1°40	1°59	10°30	n.a.	W 2
T 3	9 59 19	1°50'24	26°45	11°26	8°56	3°17	23°49	26°59	13°30	14°14	11°26	1°40	1°56	10°37	n.a.	T 3
F 4	10 3 16	2°49'05	10♊17	13° 5	10°10	4° 2	23°44	26°59	13°33	14°12	11°27	1°40	1°53	10°43	n.a.	F 4
S 5	10 7 13	3°47'43	24°12	14°45	11°23	4°47	23°39	26°58	13°36	14°10	11°29	1°41	1°49	10°50	n.a.	S 5
S 6	10 11 9	4°46'18	8♋30	16°27	12°37	5°32	23°35	26°58	13°40	14° 9	11°30	1°41	1°46	10°57	n.a.	S 6
M 7	10 15 6	5°44'51	23° 9	18°10	13°50	6°16	23°31	26°57	13°43	14° 7	11°31	1°41	1°43	11° 3	n.a.	M 7
T 8	10 19 2	6°43'22	8♌ 4	19°55	15° 3	7° 1	23°27	26°57	13°47	14° 6	11°32	1°41	1°40	11°10	n.a.	T 8
W 9	10 22 59	7°41'51	23° 8	21°41	16°17	7°45	23°23	26°57	13°50	14° 4	11°33	1°42	1°37	11°17	n.a.	W 9
T 10	10 26 55	8°40'17	8♍12	23°29	17°30	8°30	23°19	26°D57	13°53	14° 2	11°34	1°R42	1°34	11°23	n.a.	T 10
F 11	10 30 52	9°38'41	23° 8	25°19	18°43	9°14	23°15	26°57	13°57	14° 1	11°35	1°41	1°30	11°30	n.a.	F 11
S 12	10 34 48	10°37'03	7♎48	27°10	19°57	9°59	23°12	26°57	14° 0	13°59	11°36	1°41	1°27	11°37	n.a.	S 12
S 13	10 38 45	11°35'24	22° 6	29° 3	21°10	10°43	23° 8	26°58	14° 4	13°57	11°37	1°40	1°24	11°43	n.a.	S 13
M14	10 42 41	12°33'43	5♏58	0♓58	22°23	11°27	23° 5	26°58	14° 7	13°56	11°38	1°38	1°21	11°50	n.a.	M14
T 15	10 46 38	13°32'00	19°23	2°54	23°37	12°11	23° 2	26°58	14°11	13°54	11°39	1°37	1°18	11°57	n.a.	T 15
W16	10 50 35	14°30'15	2♐23	4°51	24°50	12°56	23° 0	26°59	14°14	13°53	11°40	1°36	1°14	12° 3	n.a.	W16
T 17	10 54 31	15°28'29	14°59	6°50	26° 3	13°40	22°57	27° 0	14°17	13°51	11°41	1°D36	1°11	12°10	n.a.	T 17
F 18	10 58 28	16°26'41	27°17	8°51	27°17	14°24	22°55	27° 1	14°21	13°49	11°42	1°36	1° 8	12°17	n.a.	F 18
S 19	11 2 24	17°24'52	9♑20	10°53	28°30	15° 8	22°53	27° 2	14°24	13°48	11°43	1°37	1° 5	12°23	n.a.	S 19
S 20	11 6 21	18°23'01	21°14	12°57	29°44	15°52	22°51	27° 3	14°28	13°46	11°44	1°38	1° 2	12°30	n.a.	S 20
M21	11 10 17	19°21'08	3♒ 2	15° 2	0♓57	16°36	22°49	27° 4	14°31	13°44	11°45	1°40	0°59	12°37	n.a.	M21
T 22	11 14 14	20°19'13	14°49	17° 8	2°10	17°20	22°47	27° 5	14°34	13°43	11°46	1°41	0°55	12°43	n.a.	T 22
W23	11 18 10	21°17'17	26°39	19°15	3°24	18° 3	22°46	27° 7	14°38	13°41	11°46	1°R42	0°52	12°50	n.a.	W23
T 24	11 22 7	22°15'19	8♓33	21°23	4°37	18°47	22°44	27° 8	14°41	13°40	11°47	1°42	0°49	12°56	n.a.	T 24
F 25	11 26 4	23°13'20	20°36	23°32	5°51	19°31	22°43	27°10	14°45	13°38	11°48	1°41	0°46	13° 3	n.a.	F 25
S 26	11 30 0	24°11'18	2♈48	25°41	7° 4	20°15	22°42	27°11	14°48	13°36	11°49	1°39	0°43	13°10	n.a.	S 26
S 27	11 33 57	25° 9'15	15°11	27°51	8°17	20°58	22°41	27°13	14°51	13°35	11°49	1°35	0°40	13°16	n.a.	S 27
M28	11 37 53	26° 7'10	27°47	0♈ 0	9°31	21°42	22°41	27°15	14°55	13°33	11°50	1°32	0°36	13°23	n.a.	M28
T 29	11 41 50	27° 5'04	10♉36	2°10	10°44	22°25	22°40	27°17	14°58	13°32	11°51	1°28	0°33	13°30	n.a.	T 29
W30	11 45 46	28° 2'55	23°40	4°18	11°57	23° 9	22°40	27°19	15° 2	13°30	11°51	1°24	0°30	13°36	n.a.	W30
T 31	11 49 43	29♓ 0'45	6♊58	6♈26	13♓11	23♓52	22°D40	27♊21	15♓ 5	13♍28	11♑52	1♓21	0♓27	13♒43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11s42	16n10	4n33	20s40	2s14	20s 3	1s 8	11s49	0s52	23n 2	1n23	24n 8	0n20	7s18	0s43	8n 5	1n57	32s38	9s20	11s 3	10s55	19s45		n.a.	
W 2	11 21	20 58	5 2	20 16	2 16	19 46	1 9	11 33	0 52	23 2	1 23	24 8	0 20	7 17	0 43	8 6	1 57	32 38	9 20	11 3	10 57	19 43		n.a.	
T 3	11 0	24 53	5 17	19 49	2 17	19 28	1 11	11 16	0 51	23 3	1 23	24 8	0 20	7 15	0 43	8 6	1 57	32 38	9 20	11 3	10 58	19 40		n.a.	
F 4	10 38	27 32	5 14	19 22	2 17	19 9	1 13	10 59	0 51	23 4	1 22	24 8	0 20	7 14	0 43	8 7	1 57	32 38	9 20	11 3	10 59	19 37		n.a.	
S 5	10 17	28 36	4 54	18 52	2 17	18 50	1 14	10 42	0 51	23 5	1 22	24 8	0 20	7 13	0 43	8 8	1 57	32 38	9 20	11 3	11 0	19 35		n.a.	
S 6	9 55	27 48	4 15	18 20	2 17	18 30	1 15	10 25	0 50	23 5	1 22	24 8	0 20	7 11	0 43	8 8	1 57	32 38	9 21	11 3	11 1	19 32		n.a.	
M 7	9 33	25 4	3 18	17 47	2 16	18 10	1 17	10 8	0 50	23 6	1 22	24 8	0 20	7 10	0 43	8 9	1 57	32 38	9 21	11 3	11 2	19 29		n.a.	
T 8	9 11	20 36	2 8	17 12	2 14	17 50	1 18	9 50	0 49	23 7	1 22	24 8	0 20	7 9	0 43	8 9	1 57	32 38	9 21	11 3	11 4	19 27		n.a.	
W 9	8 49	14 47	0 47	16 35	2 12	17 29	1 19	9 33	0 49	23 7	1 22	24 8	0 20	7 7	0 43	8 10	1 57	32 39	9 21	11 3	11 5	19 24		n.a.	
T 10	8 27	8 5	0s36	15 57	2 10	17 7	1 20	9 16	0 48	23 8	1 22	24 8	0 20	7 6	0 43	8 11	1 57	32 39	9 22	11 3	11 6	19 21		n.a.	
F 11	8 5	1 0	1 56	15 17	2 7	16 45	1 21	8 58	0 48	23 8	1 22	24 8	0 20	7 5	0 43	8 11	1 57	32 39	9 22	11 3	11 7	19 19		n.a.	
S 12	7 42	6s 0	3 7	14 34	2 3	16 23	1 22	8 41	0 47	23 9	1 22	24 8	0 20	7 3	0 43	8 12	1 57	32 39	9 22	11 3	11 8	19 16		n.a.	
S 13	7 20	12 31	4 5	13 51	1 59	16 0	1 23	8 24	0 47	23 9	1 22	24 9	0 20	7 2	0 43	8 13	1 57	32 39	9 23	11 4	11 9	19 13		n.a.	
M14	6 57	18 13	4 46	13 5	1 54	15 36	1 24	8 6	0 47	23 10	1 21	24 9	0 21	7 1	0 43	8 13	1 57	32 39	9 23	11 4	11 10	19 11		n.a.	
T 15	6 35	22 49	5 10	12 18	1 49	15 12	1 25	7 48	0 46	23 10	1 21	24 9	0 21	6 59	0 43	8 14	1 57	32 40	9 23	11 5	11 12	19 8		n.a.	
W16	6 12	26 9	5 17	11 29	1 43	14 48	1 26	7 31	0 46	23 10	1 21	24 9	0 21	6 58	0 43	8 15	1 57	32 40	9 23	11 5	11 13	19 5		n.a.	
T 17	5 49	28 5	5 8	10 38	1 36	14 24	1 27	7 13	0 45	23 11	1 21	24 9	0 21	6 57	0 43	8 15	1 57	32 40	9 24	11 5	11 14	19 3		n.a.	
F 18	5 26	28 34	4 46	9 46	1 29	13 59	1 27	6 56	0 45	23 11	1 21	24 9	0 21	6 55	0 43	8 16	1 57	32 40	9 24	11 5	11 15	19 0		n.a.	
S 19	5 3	27 40	4 11	8 52	1 22	13 33	1 28	6 38	0 44	23 11	1 21	24 9	0 21	6 54	0 43	8 17	1 57	32 40	9 24	11 5	11 16	18 57		n.a.	
S 20	4 40	25 31	3 26	7 57	1 14	13 8	1 28	6 20	0 44	23 11	1 21	24 9	0 21	6 53	0 43	8 17	1 57	32 41	9 24	11 4	11 17	18 54		n.a.	
M21	4 17	22 16	2 32	7 0	1 6	12 42	1 29	6 2	0 43	23 12	1 20	24 9	0 21	6 51	0 43	8 18	1 57	32 41	9 25	11 4	11 18	18 52		n.a.	
T 22	3 54	18 7	1 32	6 2	0 57	12 15	1 29	5 44	0 43	23 12	1 20	24 9	0 21	6 50	0 43	8 19	1 57	32 41	9 25	11 3	11 20	18 49		n.a.	
W23	3 31	13 17	0 28	5 3	0 48	11 49	1 29	5 27	0 42	23 12	1 20	24 9	0 21	6 49	0 43	8 19	1 57	32 41	9 25	11 3	11 21	18 46		n.a.	
T 24	3 7	7 55	0n38	4 3	0 38	11 22	1 29	5 9	0 42	23 12	1 20	24 9	0 21	6 47	0 43	8 20	1 57	32 41	9 26	11 3	11 22	18 43		n.a.	
F 25	2 44	2 13	1 42	3 2	0 28	10 54	1 30	4 51	0 41	23 12	1 20	24 10	0 21	6 46	0 43	8 20	1 57	32 42	9 26	11 3	11 23	18 41		n.a.	
S 26	2 21	3n37	2 43	2 1	0 18	10 27	1 30	4 33	0 41	23 12	1 20	24 10	0 21	6 45	0 43	8 21	1 57	32 42	9 26	11 4	11 24	18 38		n.a.	
S 27	1 57	9 24	3 37	0 59	0 7	9 59	1 30	4 15	0 40	23 12	1 20	24 10	0 21	6 43	0 43	8 22	1 57	32 42	9 26	11 5	11 25	18 35		n.a.	
M28	1 34	14 55	4 21	0n 3	0n 3	9 31	1 30	3 57	0 40	23 12	1 19	24 10	0 21	6 42	0 43	8 22	1 57	32 42	9 27	11 7	11 26	18 32		n.a.	
T 29	1 11	19 53	4 53	1 5	0 14	9 2	1 29	3 39	0 39	23 12	1 19	24 10	0 21	6 41	0 43	8 23	1 57	32 42	9 27	11 8	11 28	18 30		n.a.	
W30	0 47	24 0	5 11	2 7	0 25	8 34	1 29	3 21	0 39	23 12	1 19	24 10	0 21	6 39	0 43	8 23	1 57	32 43	9 27	11 9	11 29	18 27		n.a.	
T 31	0s24	26n57	5n12	3n 8	0n36	8s 5	1s29	3s 3	0s38	23n12	1n19	24n10	0n22	6s38	0s43	8n24	1n57	32s43	9s28	11s10	11s30	18s24		n.a.	

Julian Day Number = 1291948.5, Delta T = 07h58m23s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'19, Lahiri = -20°11'19 Julian Calendar 1 March 1176 BCE == Greg. Calendar 18 Feb. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

APRIL 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 53 39	29♓58'33	20♊32	8♈33	14♓24	24♓35	22♋40	27♊24	15♓ 8	13°R27	11♑53	1°R20	0♓24	13♒50	n.a.	F 1
S 2	11 57 36	0♈56'19	4♋21	10°39	15°38	25°19	22°41	27°26	15°12	13♍25	11°53	1°D20	0°20	13°56	n.a.	S 2
S 3	12 1 32	1°54'03	18°27	12°43	16°51	26° 2	22°41	27°28	15°15	13°24	11°54	1♓20	0°17	14° 3	n.a.	S 3
M 4	12 5 29	2°51'45	2♌47	14°44	18° 4	26°45	22°42	27°31	15°18	13°22	11°54	1°22	0°14	14°10	n.a.	M 4
T 5	12 9 26	3°49'25	17°20	16°44	19°18	27°28	22°43	27°34	15°22	13°21	11°55	1°23	0°11	14°16	n.a.	T 5
W 6	12 13 22	4°47'04	2♍ 2	18°42	20°31	28°11	22°44	27°37	15°25	13°19	11°55	1°R23	0° 8	14°23	n.a.	W 6
T 7	12 17 19	5°44'41	16°46	20°36	21°44	28°54	22°45	27°39	15°28	13°18	11°56	1°23	0° 5	14°30	n.a.	T 7
F 8	12 21 15	6°42'16	1♎27	22°29	22°58	29°37	22°47	27°42	15°31	13°16	11°56	1°20	0° 1	14°36	n.a.	F 8
S 9	12 25 12	7°39'50	15°57	24°18	24°11	0♈20	22°48	27°45	15°35	13°15	11°56	1°16	29♒58	14°43	n.a.	S 9
S 10	12 29 8	8°37'22	0♏11	26° 4	25°25	1° 3	22°50	27°49	15°38	13°13	11°57	1°11	29°55	14°50	n.a.	S 10
M11	12 33 5	9°34'54	14° 2	27°48	26°38	1°46	22°52	27°52	15°41	13°12	11°57	1° 5	29°52	14°56	n.a.	M11
T 12	12 37 1	10°32'24	27°30	29°28	27°51	2°28	22°54	27°55	15°44	13°11	11°57	0°59	29°49	15° 3	n.a.	T 12
W13	12 40 58	11°29'53	10♐33	1♉ 5	29° 5	3°11	22°57	27°59	15°47	13° 9	11°58	0°54	29°45	15° 9	n.a.	W13
T 14	12 44 55	12°27'22	23°13	2°39	0♈18	3°54	22°59	28° 2	15°51	13° 8	11°58	0°51	29°42	15°16	n.a.	T 14
F 15	12 48 51	13°24'49	5♑32	4°10	1°32	4°36	23° 2	28° 6	15°54	13° 6	11°58	0°49	29°39	15°23	n.a.	F 15
S 16	12 52 48	14°22'15	17°37	5°37	2°45	5°19	23° 5	28°10	15°57	13° 5	11°58	0°D48	29°36	15°29	n.a.	S 16
S 17	12 56 44	15°19'40	29°31	7° 1	3°58	6° 1	23° 8	28°13	16° 0	13° 4	11°59	0°49	29°33	15°36	n.a.	S 17
M18	13 0 41	16°17'05	11♒19	8°22	5°12	6°44	23°11	28°17	16° 3	13° 2	11°59	0°51	29°30	15°43	n.a.	M18
T 19	13 4 37	17°14'28	23° 7	9°39	6°25	7°26	23°14	28°21	16° 6	13° 1	11°59	0°52	29°26	15°49	n.a.	T 19
W20	13 8 34	18°11'51	5♓ 0	10°53	7°39	8° 9	23°18	28°25	16° 9	13° 0	11°59	0°R52	29°23	15°56	n.a.	W20
T 21	13 12 30	19° 9'12	17° 1	12° 3	8°52	8°51	23°21	28°29	16°12	12°59	11°59	0°51	29°20	16° 3	n.a.	T 21
F 22	13 16 27	20° 6'33	29°13	13°10	10° 6	9°33	23°25	28°34	16°15	12°57	11°59	0°47	29°17	16° 9	n.a.	F 22
S 23	13 20 24	21° 3'53	11♈39	14°13	11°19	10°15	23°29	28°38	16°18	12°56	11°R59	0°41	29°14	16°16	n.a.	S 23
S 24	13 24 20	22° 1'12	24°20	15°12	12°33	10°58	23°33	28°42	16°21	12°55	11°59	0°34	29°11	16°23	n.a.	S 24
M25	13 28 17	22°58'30	7♉16	16° 8	13°46	11°40	23°38	28°47	16°24	12°54	11°59	0°25	29° 7	16°29	n.a.	M25
T 26	13 32 13	23°55'47	20°27	17° 0	15° 0	12°22	23°42	28°51	16°27	12°53	11°59	0°16	29° 4	16°36	n.a.	T 26
W27	13 36 10	24°53'03	3♊51	17°47	16°13	13° 4	23°47	28°56	16°30	12°52	11°59	0° 8	29° 1	16°43	n.a.	W27
T 28	13 40 6	25°50'18	17°27	18°31	17°26	13°46	23°52	29° 1	16°32	12°50	11°59	0° 1	28°58	16°49	n.a.	T 28
F 29	13 44 3	26°47'32	1♋13	19°11	18°40	14°27	23°57	29° 5	16°35	12°49	11°59	29♒56	28°55	16°56	n.a.	F 29
S 30	13 47 59	27♈44'45	15♋ 7	19♉46	19♈53	15♈ 9	24♋ 2	29♊10	16♓38	12♍48	11♑58	29♒53	28♒51	17♒ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 1	28n25	4n56	4n 9	0n46	7s36	1s29	2s45	0s38	23n11	1n19	24n10	0n22	6s37	0s43	8n25	1n57	32s43	9s28	11s11	11s31	18s21		n.a.
S 2	0n23	28 9	4 23	5 9	0 56	7 7	1 28	2 28	0 37	23 11	1 19	24 10	0 22	6 35	0 43	8 25	1 57	32 43	9 28	11 11	11 32	18 19		n.a.
S 3	0 46	26 4	3 34	6 7	1 7	6 37	1 28	2 10	0 37	23 11	1 19	24 10	0 22	6 34	0 43	8 26	1 57	32 44	9 29	11 11	11 33	18 16		n.a.
M 4	1 9	22 18	2 30	7 4	1 16	6 8	1 27	1 52	0 36	23 11	1 18	24 11	0 22	6 33	0 43	8 26	1 57	32 44	9 29	11 10	11 34	18 13		n.a.
T 5	1 33	17 6	1 16	8 0	1 26	5 38	1 27	1 34	0 36	23 10	1 18	24 11	0 22	6 32	0 43	8 27	1 57	32 44	9 29	11 10	11 36	18 10		n.a.
W 6	1 56	10 52	0s 3	8 54	1 35	5 8	1 26	1 16	0 35	23 10	1 18	24 11	0 22	6 30	0 43	8 28	1 57	32 44	9 29	11 9	11 37	18 7		n.a.
T 7	2 19	4 2	1 23	9 46	1 43	4 38	1 25	0 58	0 34	23 10	1 18	24 11	0 22	6 29	0 43	8 28	1 57	32 45	9 30	11 10	11 38	18 5		n.a.
F 8	2 42	2s58	2 37	10 36	1 51	4 8	1 25	0 40	0 34	23 9	1 18	24 11	0 22	6 28	0 43	8 29	1 57	32 45	9 30	11 11	11 39	18 2		n.a.
S 9	3 5	9 44	3 39	11 24	1 58	3 38	1 24	0 22	0 33	23 9	1 18	24 11	0 22	6 26	0 43	8 29	1 57	32 45	9 30	11 12	11 40	17 59		n.a.
S 10	3 28	15 52	4 27	12 9	2 4	3 7	1 23	0 5	0 33	23 8	1 17	24 11	0 22	6 25	0 43	8 30	1 57	32 45	9 31	11 14	11 41	17 56		n.a.
M11	3 51	21 2	4 57	12 53	2 10	2 37	1 22	0n13	0 32	23 8	1 17	24 11	0 22	6 24	0 43	8 30	1 57	32 46	9 31	11 16	11 42	17 53		n.a.
T 12	4 14	24 57	5 10	13 34	2 15	2 6	1 21	0 31	0 32	23 7	1 17	24 11	0 22	6 23	0 43	8 31	1 57	32 46	9 31	11 18	11 44	17 51		n.a.
W13	4 37	27 27	5 6	14 13	2 20	1 35	1 20	0 49	0 31	23 7	1 17	24 12	0 22	6 21	0 43	8 31	1 57	32 46	9 32	11 20	11 45	17 48		n.a.
T 14	5 0	28 27	4 47	14 50	2 23	1 5	1 19	1 6	0 31	23 6	1 17	24 12	0 22	6 20	0 43	8 32	1 57	32 47	9 32	11 21	11 46	17 45		n.a.
F 15	5 23	27 58	4 16	15 24	2 26	0 34	1 18	1 24	0 30	23 6	1 17	24 12	0 22	6 19	0 43	8 32	1 57	32 47	9 32	11 22	11 47	17 42		n.a.
S 16	5 45	26 10	3 33	15 56	2 28	0 3	1 17	1 42	0 30	23 5	1 17	24 12	0 22	6 18	0 43	8 33	1 57	32 47	9 33	11 22	11 48	17 39		n.a.
S 17	6 8	23 13	2 42	16 26	2 30	0n27	1 15	1 59	0 29	23 4	1 16	24 12	0 23	6 17	0 43	8 33	1 57	32 47	9 33	11 22	11 49	17 37		n.a.
M18	6 30	19 20	1 44	16 53	2 30	0 58	1 14	2 17	0 28	23 4	1 16	24 12	0 23	6 15	0 43	8 34	1 57	32 48	9 33	11 21	11 50	17 34		n.a.
T 19	6 53	14 42	0 42	17 19	2 30	1 29	1 13	2 34	0 28	23 3	1 16	24 12	0 23	6 14	0 43	8 34	1 57	32 48	9 33	11 21	11 51	17 31		n.a.
W20	7 15	9 29	0n22	17 41	2 29	2 0	1 11	2 52	0 27	23 2	1 16	24 12	0 23	6 13	0 43	8 35	1 57	32 48	9 34	11 21	11 53	17 28		n.a.
T 21	7 37	3 54	1 26	18 2	2 27	2 31	1 10	3 9	0 27	23 1	1 16	24 12	0 23	6 12	0 43	8 35	1 57	32 49	9 34	11 21	11 54	17 25		n.a.
F 22	7 59	1n55	2 27	18 20	2 24	3 1	1 8	3 27	0 26	23 0	1 16	24 13	0 23	6 11	0 44	8 36	1 57	32 49	9 34	11 23	11 55	17 22		n.a.
S 23	8 21	7 46	3 22	18 36	2 20	3 32	1 7	3 44	0 26	23 0	1 15	24 13	0 23	6 10	0 44	8 36	1 57	32 49	9 35	11 25	11 56	17 20		n.a.
S 24	8 43	13 24	4 7	18 50	2 16	4 3	1 5	4 1	0 25	22 59	1 15	24 13	0 23	6 8	0 44	8 37	1 57	32 50	9 35	11 27	11 57	17 17		n.a.
M25	9 5	18 35	4 42	19 1	2 11	4 33	1 3	4 19	0 24	22 58	1 15	24 13	0 23	6 7	0 44	8 37	1 57	32 50	9 35	11 30	11 58	17 14		n.a.
T 26	9 26	22 59	5 1	19 10	2 4	5 3	1 2	4 36	0 24	22 57	1 15	24 13	0 23	6 6	0 44	8 37	1 57	32 50	9 36	11 34	11 59	17 11		n.a.
W27	9 47	26 16	5 5	19 17	1 57	5 34	1 0	4 53	0 23	22 56	1 15	24 13	0 23	6 5	0 44	8 38	1 57	32 50	9 36	11 37	12 0	17 8		n.a.
T 28	10 9	28 4	4 52	19 22	1 49	6 4	0 58	5 10	0 23	22 55	1 15	24 13	0 23	6 4	0 44	8 38	1 57	32 51	9 36	11 39	12 2	17 5		n.a.
F 29	10 30	28 12	4 22	19 25	1 41	6 34	0 56	5 27	0 22	22 54	1 15	24 13	0 23	6 3	0 44	8 39	1 57	32 51	9 37	11 41	12 3	17 2		n.a.
S 30	10n51	26n32	3n36	19n26	1n31	7n 4	0s54	5n44	0s21	22n53	1n14	24n13	0n23	6s 2	0s44	8n39	1n57	32s51	9s37	11s42	12s 4	16s59		n.a.

Julian Day Number = 1291979.5, Delta T = 07h58m21s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'15, Lahiri = -20°11'15 Julian Calendar 1 Apr. 1176 BCE == Greg. Calendar 21 March 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

MAY 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 56	28♈41'57	29♋10	20♉18	21♈ 7	15♈51	24♋ 7	29♊15	16♓41	12°R47	11°R58	29°D53	28♒48	17♒ 9	n.a.	S 1
M 2	13 55 53	29°39'08	13♌19	20°45	22°20	16°33	24°12	29°20	16°44	12♍46	11♎58	29♒53	28°45	17°16	n.a.	M 2
T 3	13 59 49	0♉36'18	27°34	21° 7	23°34	17°14	24°18	29°25	16°46	12°45	11°58	29°R53	28°42	17°22	n.a.	T 3
W 4	14 3 46	1°33'27	11♍53	21°25	24°47	17°56	24°24	29°30	16°49	12°44	11°58	29°53	28°39	17°29	n.a.	W 4
T 5	14 7 42	2°30'35	26°12	21°38	26° 1	18°38	24°30	29°36	16°52	12°43	11°57	29°51	28°36	17°36	n.a.	T 5
F 6	14 11 39	3°27'42	10♎29	21°47	27°14	19°19	24°36	29°41	16°54	12°43	11°57	29°46	28°32	17°42	n.a.	F 6
S 7	14 15 35	4°24'49	24°38	21°R51	28°28	20° 1	24°42	29°46	16°57	12°42	11°57	29°38	28°29	17°49	n.a.	S 7
S 8	14 19 32	5°21'55	8♏34	21°51	29°41	20°42	24°48	29°52	16°59	12°41	11°56	29°29	28°26	17°56	n.a.	S 8
M 9	14 23 29	6°19'01	22°14	21°46	0♉55	21°23	24°54	29°57	17° 2	12°40	11°56	29°18	28°23	18° 2	n.a.	M 9
T 10	14 27 25	7°16'06	5♐34	21°37	2° 9	22° 5	25° 1	0♋ 3	17° 4	12°39	11°56	29° 7	28°20	18° 9	n.a.	T 10
W11	14 31 22	8°13'11	18°33	21°24	3°22	22°46	25° 8	0° 8	17° 7	12°38	11°55	28°58	28°17	18°16	n.a.	W11
T 12	14 35 18	9°10'16	1♑11	21° 7	4°36	23°27	25°14	0°14	17° 9	12°38	11°55	28°50	28°13	18°22	n.a.	T 12
F 13	14 39 15	10° 7'21	13°30	20°46	5°49	24° 8	25°21	0°20	17°11	12°37	11°54	28°45	28°10	18°29	n.a.	F 13
S 14	14 43 11	11° 4'26	25°35	20°21	7° 3	24°49	25°28	0°26	17°14	12°36	11°54	28°42	28° 7	18°36	n.a.	S 14
S 15	14 47 8	12° 1'30	7♒29	19°54	8°16	25°30	25°36	0°31	17°16	12°36	11°53	28°D41	28° 4	18°42	n.a.	S 15
M16	14 51 4	12°58'35	19°18	19°23	9°30	26°11	25°43	0°37	17°18	12°35	11°53	28°41	28° 1	18°49	n.a.	M16
T 17	14 55 1	13°55'39	1♓ 8	18°51	10°44	26°52	25°50	0°43	17°21	12°34	11°52	28°R41	27°57	18°56	n.a.	T 17
W18	14 58 58	14°52'44	13° 3	18°17	11°57	27°33	25°58	0°49	17°23	12°34	11°52	28°40	27°54	19° 2	n.a.	W18
T 19	15 2 54	15°49'49	25° 8	17°42	13°11	28°14	26° 6	0°55	17°25	12°33	11°51	28°38	27°51	19° 9	n.a.	T 19
F 20	15 6 51	16°46'54	7♈28	17° 7	14°25	28°55	26°14	1° 2	17°27	12°33	11°50	28°33	27°48	19°15	n.a.	F 20
S 21	15 10 47	17°43'59	20° 6	16°32	15°38	29°36	26°22	1° 8	17°29	12°32	11°50	28°25	27°45	19°22	n.a.	S 21
S 22	15 14 44	18°41'04	3♉ 3	15°57	16°52	0♉17	26°30	1°14	17°31	12°32	11°49	28°15	27°42	19°29	n.a.	S 22
M23	15 18 40	19°38'09	16°19	15°24	18° 6	0°57	26°38	1°20	17°33	12°31	11°48	28° 4	27°38	19°35	n.a.	M23
T 24	15 22 37	20°35'14	29°54	14°53	19°19	1°38	26°46	1°27	17°35	12°31	11°48	27°51	27°35	19°42	n.a.	T 24
W25	15 26 34	21°32'20	13♊43	14°24	20°33	2°19	26°55	1°33	17°37	12°31	11°47	27°40	27°32	19°49	n.a.	W25
T 26	15 30 30	22°29'25	27°42	13°58	21°47	2°59	27° 3	1°40	17°39	12°30	11°46	27°31	27°29	19°55	n.a.	T 26
F 27	15 34 27	23°26'31	11♋49	13°35	23° 0	3°40	27°12	1°46	17°41	12°30	11°45	27°24	27°26	20° 2	n.a.	F 27
S 28	15 38 23	24°23'36	25°59	13°17	24°14	4°20	27°20	1°53	17°43	12°30	11°45	27°19	27°23	20° 9	n.a.	S 28
S 29	15 42 20	25°20'41	10♌ 9	13° 2	25°28	5° 0	27°29	1°59	17°44	12°30	11°44	27°18	27°19	20°15	n.a.	S 29
M30	15 46 16	26°17'46	24°18	12°52	26°42	5°41	27°38	2° 6	17°46	12°29	11°43	27°17	27°16	20°22	n.a.	M30
T 31	15 50 13	27♉14'51	8♍24	12♉47	27♉55	6♉21	27♋47	2♋13	17♓48	12♍29	11♎42	27♒17	27♒13	20♒29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11n11	23n13	2n37	19n24	1n21	7n34	0s52	6n 1	0s21	22n52	1n14	24n13	0n23	6s 1	0s44	8n39	1n56	32s52	9s37	11s42	12s 5	16s57		n.a.	S 1
M 2	11 32	18 30	1 28	19 21	1 9	8 4	0 50	6 18	0 20	22 51	1 14	24 13	0 23	6 0	0 44	8 40	1 56	32 52	9 37	11 42	12 6	16 54		n.a.	M 2
T 3	11 52	12 43	0 12	19 15	0 57	8 33	0 48	6 35	0 20	22 49	1 14	24 14	0 23	5 59	0 44	8 40	1 56	32 52	9 38	11 42	12 7	16 51		n.a.	T 3
W 4	12 13	6 15	1s 4	19 8	0 45	9 2	0 46	6 51	0 19	22 48	1 14	24 14	0 23	5 58	0 44	8 40	1 56	32 53	9 38	11 42	12 8	16 48		n.a.	W 4
T 5	12 33	0s32	2 16	18 59	0 31	9 31	0 44	7 8	0 19	22 47	1 14	24 14	0 24	5 57	0 44	8 41	1 56	32 53	9 38	11 43	12 9	16 45		n.a.	T 5
F 6	12 53	7 15	3 19	18 47	0 17	10 0	0 42	7 24	0 18	22 46	1 14	24 14	0 24	5 55	0 44	8 41	1 56	32 53	9 39	11 45	12 11	16 42		n.a.	F 6
S 7	13 12	13 32	4 9	18 34	0 2	10 29	0 40	7 41	0 17	22 45	1 13	24 14	0 24	5 54	0 44	8 41	1 56	32 54	9 39	11 47	12 12	16 39		n.a.	S 7
S 8	13 32	19 3	4 43	18 19	0s13	10 57	0 38	7 57	0 17	22 43	1 13	24 14	0 24	5 54	0 44	8 42	1 56	32 54	9 39	11 51	12 13	16 36		n.a.	S 8
M 9	13 51	23 28	5 1	18 3	0 29	11 25	0 36	8 14	0 16	22 42	1 13	24 14	0 24	5 53	0 44	8 42	1 56	32 54	9 39	11 54	12 14	16 33		n.a.	M 9
T 10	14 10	26 31	5 1	17 45	0 45	11 53	0 34	8 30	0 16	22 41	1 13	24 14	0 24	5 52	0 44	8 42	1 56	32 55	9 40	11 58	12 15	16 30		n.a.	T 10
W11	14 29	28 4	4 46	17 26	1 1	12 21	0 31	8 46	0 15	22 39	1 13	24 14	0 24	5 51	0 44	8 42	1 56	32 55	9 40	12 2	12 16	16 28		n.a.	W11
T 12	14 47	28 6	4 16	17 5	1 18	12 48	0 29	9 2	0 14	22 38	1 13	24 14	0 24	5 50	0 44	8 43	1 56	32 55	9 40	12 4	12 17	16 25		n.a.	T 12
F 13	15 6	26 43	3 36	16 43	1 34	13 15	0 27	9 18	0 14	22 36	1 13	24 14	0 24	5 49	0 44	8 43	1 56	32 56	9 41	12 6	12 18	16 22		n.a.	F 13
S 14	15 24	24 6	2 46	16 21	1 51	13 42	0 25	9 34	0 13	22 35	1 12	24 14	0 24	5 48	0 44	8 43	1 56	32 56	9 41	12 7	12 20	16 19		n.a.	S 14
S 15	15 42	20 29	1 50	15 58	2 7	14 9	0 22	9 50	0 13	22 34	1 12	24 14	0 24	5 47	0 44	8 43	1 56	32 56	9 41	12 8	12 21	16 16		n.a.	S 15
M16	15 59	16 4	0 50	15 34	2 23	14 35	0 20	10 5	0 12	22 32	1 12	24 14	0 24	5 46	0 44	8 43	1 56	32 57	9 41	12 8	12 22	16 13		n.a.	M16
T 17	16 17	11 3	0n13	15 11	2 38	15 0	0 18	10 21	0 11	22 30	1 12	24 14	0 24	5 45	0 44	8 44	1 56	32 57	9 42	12 7	12 23	16 10		n.a.	T 17
W18	16 34	5 37	1 16	14 48	2 53	15 26	0 16	10 37	0 11	22 29	1 12	24 14	0 24	5 44	0 44	8 44	1 56	32 57	9 42	12 8	12 24	16 7		n.a.	W18
T 19	16 51	0n 6	2 15	14 25	3 7	15 51	0 13	10 52	0 10	22 27	1 12	24 14	0 24	5 44	0 44	8 44	1 56	32 58	9 42	12 9	12 25	16 4		n.a.	T 19
F 20	17 8	5 55	3 10	14 2	3 19	16 15	0 11	11 7	0 10	22 26	1 12	24 14	0 24	5 43	0 44	8 44	1 56	32 58	9 43	12 10	12 26	16 1		n.a.	F 20
S 21	17 24	11 37	3 57	13 41	3 31	16 40	0 8	11 23	0 9	22 24	1 12	24 14	0 24	5 42	0 44	8 44	1 55	32 58	9 43	12 13	12 27	15 58		n.a.	S 21
S 22	17 40	16 59	4 33	13 21	3 42	17 3	0 6	11 38	0 8	22 22	1 11	24 14	0 25	5 41	0 44	8 44	1 55	32 59	9 43	12 17	12 28	15 55		n.a.	S 22
M23	17 56	21 41	4 54	13 3	3 51	17 27	0 4	11 53	0 8	22 21	1 11	24 14	0 25	5 40	0 44	8 45	1 55	32 59	9 43	12 21	12 30	15 52		n.a.	M23
T 24	18 12	25 21	5 0	12 46	3 59	17 50	0 1	12 8	0 7	22 19	1 11	24 14	0 25	5 40	0 44	8 45	1 55	32 59	9 44	12 25	12 31	15 49		n.a.	T 24
W25	18 27	27 36	4 49	12 32	4 5	18 12	0n 1	12 22	0 6	22 17	1 11	24 14	0 25	5 39	0 44	8 45	1 55	33 0	9 44	12 29	12 32	15 46		n.a.	W25
T 26	18 42	28 9	4 20	12 19	4 10	18 34	0 3	12 37	0 6	22 15	1 11	24 14	0 25	5 38	0 44	8 45	1 55	33 0	9 44	12 32	12 33	15 43		n.a.	T 26
F 27	18 57	26 53	3 36	12 9	4 13	18 55	0 6	12 52	0 5	22 13	1 11	24 14	0 25	5 38	0 44	8 45	1 55	33 0	9 44	12 35	12 34	15 40		n.a.	F 27
S 28	19 11	23 53	2 37	12 2	4 15	19 16	0 8	13 6	0 5	22 12	1 11	24 14	0 25	5 37	0 44	8 45	1 55	33 1	9 45	12 36	12 35	15 37		n.a.	S 28
S 29	19 25	19 25	1 29	11 57	4 16	19 37	0 10	13 21	0 4	22 10	1 11	24 14	0 25	5 36	0 44	8 45	1 55	33 1	9 45	12 37	12 36	15 35		n.a.	S 29
M30	19 39	13 53	0 16	11 54	4 15	19 57	0 13	13 35	0 3	22 8	1 10	24 14	0 25	5 36	0 44	8 45	1 55	33 1	9 45	12 37	12 37	15 32		n.a.	M30
T 31	19n52	7n39	0s58	11n55	4s13	20n16	0n15	13n49	0s 3	22n 6	1n10	24n14	0n25	5s35	0s44	8n45	1n55	33s 2	9s45	12s37	12s38	15s29		n.a.	T 31

Julian Day Number = 1292009.5, Delta T = 07h58m19s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'11, Lahiri = -20°11'11 Julian Calendar 1 May 1176 BCE == Greg. Calendar 20 Apr. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

JUNE 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 54 9	28♉11'56	22♍27	12°D47	29♉ 9	7♉ 1	27♋57	29♋19	17♓49	12°R29	11°R41	27°R16	27♒10	20♒35	n.a.	W 1
T 2	15 58 6	29° 9'01	6♎25	12♉52	0♊23	7°41	28° 6	2°26	17°51	12♍29	11♑40	27♒13	27° 7	20°42	n.a.	T 2
F 3	16 2 3	0♊ 6'06	20°18	13° 2	1°37	8°22	28°15	2°33	17°52	12°29	11°39	27° 7	27° 3	20°49	n.a.	F 3
S 4	16 5 59	1° 3'11	4♏ 2	13°17	2°51	9° 2	28°25	2°40	17°54	12°29	11°38	26°58	27° 0	20°55	n.a.	S 4
S 5	16 9 56	2° 0'17	17°35	13°37	4° 4	9°42	28°34	2°47	17°55	12°D29	11°38	26°47	26°57	21° 2	n.a.	S 5
M 6	16 13 52	2°57'23	0♐54	14° 3	5°18	10°22	28°44	2°54	17°57	12°29	11°37	26°35	26°54	21° 8	n.a.	M 6
T 7	16 17 49	3°54'30	13°58	14°35	6°32	11° 2	28°54	3° 1	17°58	12°29	11°36	26°23	26°51	21°15	n.a.	T 7
W 8	16 21 45	4°51'38	26°45	15°11	7°46	11°42	29° 3	3° 8	17°59	12°29	11°35	26°12	26°48	21°22	n.a.	W 8
T 9	16 25 42	5°48'46	9♑15	15°53	9° 0	12°22	29°13	3°15	18° 1	12°29	11°34	26° 2	26°44	21°28	n.a.	T 9
F 10	16 29 39	6°45'54	21°30	16°40	10°14	13° 1	29°23	3°22	18° 2	12°29	11°33	25°56	26°41	21°35	n.a.	F 10
S 11	16 33 35	7°43'04	3♒32	17°33	11°27	13°41	29°34	3°29	18° 3	12°30	11°32	25°52	26°38	21°42	n.a.	S 11
S 12	16 37 32	8°40'14	15°25	18°30	12°41	14°21	29°44	3°36	18° 4	12°30	11°30	25°50	26°35	21°48	n.a.	S 12
M13	16 41 28	9°37'26	27°13	19°33	13°55	15° 1	29°54	3°43	18° 5	12°30	11°29	25°D49	26°32	21°55	n.a.	M13
T 14	16 45 25	10°34'38	9♓ 2	20°40	15° 9	15°40	0♌ 4	3°51	18° 6	12°30	11°28	25°R50	26°29	22° 2	n.a.	T 14
W15	16 49 21	11°31'51	20°58	21°52	16°23	16°20	0°15	3°58	18° 7	12°31	11°27	25°49	26°25	22° 8	n.a.	W15
T 16	16 53 18	12°29'06	3♈ 5	23°10	17°37	16°59	0°25	4° 5	18° 8	12°31	11°26	25°47	26°22	22°15	n.a.	T 16
F 17	16 57 14	13°26'21	15°28	24°31	18°51	17°39	0°36	4°12	18° 9	12°31	11°25	25°43	26°19	22°22	n.a.	F 17
S 18	17 1 11	14°23'38	28°12	25°58	20° 5	18°18	0°47	4°20	18°10	12°32	11°24	25°37	26°16	22°28	n.a.	S 18
S 19	17 5 8	15°20'56	11♉19	27°29	21°19	18°58	0°58	4°27	18°11	12°32	11°23	25°29	26°13	22°35	n.a.	S 19
M20	17 9 4	16°18'15	24°50	29° 4	22°33	19°37	1° 8	4°34	18°12	12°33	11°21	25°18	26° 9	22°42	n.a.	M20
T 21	17 13 1	17°15'35	8♊43	0♊43	23°47	20°17	1°19	4°42	18°12	12°33	11°20	25° 8	26° 6	22°48	n.a.	T 21
W22	17 16 57	18°12'56	22°54	2°25	25° 1	20°56	1°30	4°49	18°13	12°34	11°19	24°58	26° 3	22°55	n.a.	W22
T 23	17 20 54	19°10'18	7♋19	4°12	26°15	21°35	1°41	4°57	18°14	12°34	11°18	24°49	26° 0	23° 1	n.a.	T 23
F 24	17 24 50	20° 7'41	21°51	6° 1	27°29	22°14	1°53	5° 4	18°14	12°35	11°17	24°43	25°57	23° 8	n.a.	F 24
S 25	17 28 47	21° 5'05	6♌23	7°54	28°43	22°54	2° 4	5°11	18°15	12°36	11°15	24°39	25°54	23°15	n.a.	S 25
S 26	17 32 44	22° 2'30	20°50	9°49	29°57	23°33	2°15	5°19	18°15	12°36	11°14	24°D38	25°50	23°21	n.a.	S 26
M27	17 36 40	22°59'56	5♍10	11°46	1♋11	24°12	2°26	5°26	18°16	12°37	11°13	24°38	25°47	23°28	n.a.	M27
T 28	17 40 37	23°57'22	19°19	13°45	2°25	24°51	2°38	5°34	18°16	12°38	11°12	24°R39	25°44	23°35	n.a.	T 28
W29	17 44 33	24°54'50	3♎16	15°46	3°39	25°30	2°49	5°42	18°16	12°38	11°11	24°39	25°41	23°41	n.a.	W29
T 30	17 48 30	25♊52'18	17♎ 2	17♊48	4♋54	26♉ 9	3♌ 1	5♋49	18♓17	12♍39	11♑ 9	24♒37	25♒38	23♒48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 5	1n 5	2s 9	11n58	4s10	20n35	0n17	14n 3	0s 2	22n 4	1n10	24n14	0n25	5s34	0s45	8n45	1n55	33s 2	9s46	12s37	12s40	15s26		n.a.
T 2	20 18	5s30	3 11	12 3	4 6	20 53	0 20	14 17	0 1	22 2	1 10	24 14	0 25	5 34	0 45	8 45	1 55	33 2	9 46	12 38	12 41	15 23		n.a.
F 3	20 30	11 46	4 1	12 12	4 0	21 11	0 22	14 31	0 1	22 0	1 10	24 14	0 25	5 33	0 45	8 45	1 55	33 2	9 46	12 41	12 42	15 20		n.a.
S 4	20 43	17 24	4 37	12 23	3 54	21 28	0 24	14 44	0 0	21 58	1 10	24 14	0 25	5 33	0 45	8 45	1 55	33 3	9 46	12 44	12 43	15 17		n.a.
S 5	20 54	22 5	4 57	12 36	3 46	21 45	0 27	14 58	0n 0	21 56	1 10	24 14	0 25	5 32	0 45	8 45	1 55	33 3	9 47	12 47	12 44	15 14		n.a.
M 6	21 6	25 33	5 0	12 52	3 37	22 1	0 29	15 11	0 1	21 54	1 10	24 14	0 26	5 31	0 45	8 45	1 55	33 3	9 47	12 52	12 45	15 11		n.a.
T 7	21 17	27 36	4 47	13 10	3 28	22 16	0 31	15 25	0 2	21 51	1 10	24 14	0 26	5 31	0 45	8 45	1 55	33 4	9 47	12 56	12 46	15 8		n.a.
W 8	21 28	28 7	4 19	13 30	3 18	22 31	0 33	15 38	0 2	21 49	1 10	24 14	0 26	5 30	0 45	8 45	1 54	33 4	9 47	13 0	12 47	15 5		n.a.
T 9	21 38	27 10	3 40	13 53	3 7	22 45	0 35	15 51	0 3	21 47	1 10	24 13	0 26	5 30	0 45	8 45	1 54	33 4	9 47	13 3	12 48	15 2		n.a.
F 10	21 48	24 54	2 51	14 17	2 56	22 58	0 38	16 4	0 4	21 45	1 9	24 13	0 26	5 30	0 45	8 44	1 54	33 5	9 48	13 5	12 49	14 59		n.a.
S 11	21 58	21 33	1 55	14 43	2 44	23 11	0 40	16 16	0 4	21 43	1 9	24 13	0 26	5 29	0 45	8 44	1 54	33 5	9 48	13 7	12 51	14 56		n.a.
S 12	22 7	17 21	0 55	15 11	2 32	23 23	0 42	16 29	0 5	21 40	1 9	24 13	0 26	5 29	0 45	8 44	1 54	33 5	9 48	13 7	12 52	14 53		n.a.
M13	22 16	12 31	0n 7	15 40	2 20	23 35	0 44	16 42	0 5	21 38	1 9	24 13	0 26	5 28	0 45	8 44	1 54	33 6	9 48	13 7	12 53	14 50		n.a.
T 14	22 24	7 14	1 10	16 11	2 7	23 45	0 46	16 54	0 6	21 36	1 9	24 13	0 26	5 28	0 45	8 44	1 54	33 6	9 48	13 7	12 54	14 47		n.a.
W15	22 32	1 40	2 9	16 43	1 53	23 55	0 48	17 6	0 7	21 33	1 9	24 13	0 26	5 28	0 45	8 44	1 54	33 6	9 49	13 7	12 55	14 44		n.a.
T 16	22 40	4n 3	3 4	17 15	1 40	24 5	0 50	17 18	0 7	21 31	1 9	24 13	0 26	5 27	0 45	8 43	1 54	33 6	9 49	13 8	12 56	14 40		n.a.
F 17	22 47	9 44	3 52	17 49	1 27	24 13	0 52	17 30	0 8	21 29	1 9	24 12	0 26	5 27	0 45	8 43	1 54	33 7	9 49	13 9	12 57	14 37		n.a.
S 18	22 54	15 11	4 29	18 23	1 13	24 21	0 54	17 42	0 9	21 26	1 9	24 12	0 26	5 27	0 45	8 43	1 54	33 7	9 49	13 11	12 58	14 34		n.a.
S 19	23 1	20 7	4 54	18 57	1 0	24 28	0 56	17 54	0 9	21 24	1 9	24 12	0 26	5 26	0 45	8 43	1 54	33 7	9 49	13 14	12 59	14 31		n.a.
M20	23 7	24 10	5 3	19 32	0 46	24 35	0 57	18 5	0 10	21 21	1 9	24 12	0 26	5 26	0 45	8 43	1 54	33 8	9 50	13 18	13 0	14 28		n.a.
T 21	23 13	26 58	4 54	20 6	0 33	24 40	0 59	18 17	0 11	21 19	1 9	24 12	0 27	5 26	0 45	8 42	1 54	33 8	9 50	13 22	13 1	14 25		n.a.
W22	23 18	28 6	4 28	20 39	0 21	24 45	1 1	18 28	0 11	21 16	1 8	24 11	0 27	5 26	0 45	8 42	1 54	33 8	9 50	13 25	13 3	14 22		n.a.
T 23	23 23	27 22	3 44	21 12	0 8	24 50	1 3	18 39	0 12	21 13	1 8	24 11	0 27	5 25	0 45	8 42	1 54	33 8	9 50	13 28	13 4	14 19		n.a.
F 24	23 28	24 45	2 45	21 44	0n 4	24 53	1 4	18 50	0 13	21 11	1 8	24 11	0 27	5 25	0 45	8 41	1 54	33 9	9 50	13 30	13 5	14 16		n.a.
S 25	23 32	20 32	1 36	22 15	0 16	24 56	1 6	19 1	0 13	21 8	1 8	24 11	0 27	5 25	0 45	8 41	1 53	33 9	9 50	13 31	13 6	14 13		n.a.
S 26	23 36	15 6	0 20	22 44	0 27	24 58	1 7	19 11	0 14	21 6	1 8	24 11	0 27	5 25	0 45	8 41	1 53	33 9	9 50	13 32	13 7	14 10		n.a.
M27	23 39	8 54	0s56	23 11	0 37	24 59	1 9	19 22	0 14	21 3	1 8	24 10	0 27	5 25	0 45	8 41	1 53	33 9	9 51	13 32	13 8	14 7		n.a.
T 28	23 42	2 20	2 8	23 37	0 47	24 59	1 10	19 32	0 15	21 0	1 8	24 10	0 27	5 25	0 45	8 40	1 53	33 10	9 51	13 31	13 9	14 4		n.a.
W29	23 44	4s14	3 11	24 0	0 56	24 59	1 12	19 42	0 16	20 57	1 8	24 10	0 27	5 24	0 45	8 40	1 53	33 10	9 51	13 31	13 10	14 1		n.a.
T 30	23n46	10s31	4s 3	24n20	1n 5	24n58	1n13	19n52	0n16	20n55	1n 8	24n10	0n27	5s24	0s46	8n40	1n53	33s10	9s51	13s32	13s11	13s58		n.a.

Julian Day Number = 1292040.5, Delta T = 07h58m18s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'07, Lahiri = -20°11'07 Julian Calendar 1 June 1176 BCE == Greg. Calendar 21 May 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

JULY 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 52 26	26♊49'47	0♏36	19♊51	6♋ 8	26♉47	3♌12	5♋57	18♓17	12♍40	11°R 8	24°R33	25♒34	23♒55	n.a.	F 1
S 2	17 56 23	27°47'18	13°59	21°54	7°22	27°26	3°24	6° 4	18°17	12°41	11♑ 7	24♒26	25°31	24° 1	n.a.	S 2
S 3	18 0 19	28°44'49	27° 8	23°58	8°36	28° 5	3°36	6°12	18°17	12°42	11° 5	24°18	25°28	24° 8	n.a.	S 3
M 4	18 4 16	29°42'22	10♐ 6	26° 1	9°50	28°44	3°47	6°19	18°17	12°43	11° 4	24° 9	25°25	24°15	n.a.	M 4
T 5	18 8 13	0♋39'56	22°50	28° 5	11° 4	29°23	3°59	6°27	18°R17	12°44	11° 3	23°59	25°22	24°21	n.a.	T 5
W 6	18 12 9	1°37'32	5♑21	0♋ 7	12°18	0♊ 1	4°11	6°35	18°17	12°45	11° 2	23°50	25°19	24°28	n.a.	W 6
T 7	18 16 6	2°35'09	17°39	2° 9	13°32	0°40	4°23	6°42	18°17	12°46	11° 0	23°43	25°15	24°35	n.a.	T 7
F 8	18 20 2	3°32'47	29°45	4°11	14°47	1°18	4°35	6°50	18°17	12°47	10°59	23°38	25°12	24°41	n.a.	F 8
S 9	18 23 59	4°30'27	11♒42	6°11	16° 1	1°57	4°47	6°57	18°17	12°48	10°58	23°36	25° 9	24°48	n.a.	S 9
S 10	18 27 55	5°28'09	23°32	8°10	17°15	2°35	4°59	7° 5	18°17	12°49	10°56	23°D35	25° 6	24°54	n.a.	S 10
M11	18 31 52	6°25'52	5♓19	10° 8	18°29	3°14	5°11	7°13	18°16	12°50	10°55	23°35	25° 3	25° 1	n.a.	M11
T 12	18 35 48	7°23'38	17° 7	12° 5	19°43	3°52	5°24	7°20	18°16	12°51	10°54	23°37	25° 0	25° 8	n.a.	T 12
W13	18 39 45	8°21'25	29° 2	14° 1	20°57	4°31	5°36	7°28	18°16	12°52	10°52	23°38	24°56	25°14	n.a.	W13
T 14	18 43 42	9°19'13	11♈ 8	15°55	22°12	5° 9	5°48	7°35	18°15	12°53	10°51	23°R38	24°53	25°21	n.a.	T 14
F 15	18 47 38	10°17'04	23°31	17°48	23°26	5°47	6° 0	7°43	18°15	12°55	10°50	23°37	24°50	25°28	n.a.	F 15
S 16	18 51 35	11°14'57	6♉15	19°40	24°40	6°25	6°13	7°51	18°14	12°56	10°48	23°35	24°47	25°34	n.a.	S 16
S 17	18 55 31	12°12'51	19°23	21°30	25°54	7° 4	6°25	7°58	18°14	12°57	10°47	23°30	24°44	25°41	n.a.	S 17
M18	18 59 28	13°10'48	2♊58	23°20	27° 8	7°42	6°37	8° 6	18°13	12°58	10°46	23°25	24°40	25°48	n.a.	M18
T 19	19 3 24	14° 8'47	16°59	25° 7	28°23	8°20	6°50	8°14	18°12	13° 0	10°44	23°19	24°37	25°54	n.a.	T 19
W20	19 7 21	15° 6'48	1♋24	26°54	29°37	8°58	7° 2	8°21	18°12	13° 1	10°43	23°13	24°34	26° 1	n.a.	W20
T 21	19 11 17	16° 4'50	16° 6	28°39	0♌51	9°36	7°15	8°29	18°11	13° 3	10°42	23° 8	24°31	26° 8	n.a.	T 21
F 22	19 15 14	17° 2'54	0♌59	0♌23	2° 5	10°14	7°28	8°36	18°10	13° 4	10°40	23° 4	24°28	26°14	n.a.	F 22
S 23	19 19 11	18° 1'00	15°55	2° 5	3°20	10°52	7°40	8°44	18° 9	13° 5	10°39	23°D 3	24°25	26°21	n.a.	S 23
S 24	19 23 7	18°59'08	0♍44	3°47	4°34	11°30	7°53	8°51	18° 8	13° 7	10°38	23° 3	24°21	26°28	n.a.	S 24
M25	19 27 4	19°57'17	15°22	5°27	5°48	12° 8	8° 6	8°59	18° 7	13° 8	10°36	23° 4	24°18	26°34	n.a.	M25
T 26	19 31 0	20°55'27	29°44	7° 5	7° 3	12°45	8°18	9° 7	18° 6	13°10	10°35	23° 5	24°15	26°41	n.a.	T 26
W27	19 34 57	21°53'40	13♎48	8°43	8°17	13°23	8°31	9°14	18° 5	13°11	10°34	23° 6	24°12	26°47	n.a.	W27
T 28	19 38 53	22°51'53	27°32	10°19	9°31	14° 1	8°44	9°22	18° 4	13°13	10°33	23°R 7	24° 9	26°54	n.a.	T 28
F 29	19 42 50	23°50'09	10♏57	11°55	10°45	14°38	8°57	9°29	18° 3	13°15	10°31	23° 5	24° 6	27° 1	n.a.	F 29
S 30	19 46 46	24°48'26	24° 6	13°28	12° 0	15°16	9° 9	9°36	18° 2	13°16	10°30	23° 3	24° 2	27° 7	n.a.	S 30
S 31	19 50 43	25♋46'45	6♐58	15♌ 1	13♌14	15♊54	9♌22	9♋44	18♓ 1	13♍18	10♑29	23♒ 0	23♒59	27♒14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	16s13	4s39	24n39	1n12	24n56	1n14	20n 2	0n17	20n52	1n 8	24n 9	0n27	5s24	0s46	8n39	1n53	33s10	9s51	13s33	13s12	13s55		n.a.
S 2	23 49	21 4	5 0	24 54	1 19	24 53	1 16	20 12	0 18	20 49	1 8	24 9	0 27	5 24	0 46	8 39	1 53	33 11	9 51	13 36	13 13	13 52		n.a.
S 3	23 50	24 47	5 5	25 7	1 26	24 50	1 17	20 22	0 18	20 46	1 8	24 9	0 27	5 24	0 46	8 38	1 53	33 11	9 51	13 38	13 15	13 49		n.a.
M 4	23 50	27 10	4 54	25 17	1 31	24 46	1 18	20 31	0 19	20 43	1 8	24 8	0 28	5 24	0 46	8 38	1 53	33 11	9 51	13 42	13 16	13 46		n.a.
T 5	23 50	28 6	4 28	25 25	1 36	24 41	1 19	20 40	0 20	20 40	1 8	24 8	0 28	5 24	0 46	8 38	1 53	33 11	9 52	13 45	13 17	13 42		n.a.
W 6	23 50	27 33	3 50	25 30	1 39	24 35	1 20	20 49	0 20	20 38	1 8	24 8	0 28	5 24	0 46	8 37	1 53	33 12	9 52	13 48	13 18	13 39		n.a.
T 7	23 49	25 39	3 1	25 32	1 43	24 29	1 21	20 58	0 21	20 35	1 8	24 8	0 28	5 24	0 46	8 37	1 53	33 12	9 52	13 50	13 19	13 36		n.a.
F 8	23 47	22 34	2 5	25 31	1 45	24 22	1 22	21 7	0 22	20 32	1 8	24 7	0 28	5 24	0 46	8 36	1 53	33 12	9 52	13 52	13 20	13 33		n.a.
S 9	23 45	18 35	1 4	25 28	1 47	24 14	1 23	21 16	0 22	20 29	1 8	24 7	0 28	5 25	0 46	8 36	1 53	33 12	9 52	13 53	13 21	13 30		n.a.
S 10	23 43	13 54	0 0	25 22	1 48	24 5	1 24	21 24	0 23	20 26	1 8	24 7	0 28	5 25	0 46	8 35	1 53	33 12	9 52	13 53	13 22	13 27		n.a.
M11	23 41	8 44	1n 3	25 14	1 48	23 56	1 24	21 32	0 24	20 23	1 8	24 6	0 28	5 25	0 46	8 35	1 53	33 13	9 52	13 53	13 23	13 24		n.a.
T 12	23 38	3 16	2 4	25 4	1 48	23 46	1 25	21 40	0 24	20 20	1 8	24 6	0 28	5 25	0 46	8 34	1 53	33 13	9 52	13 52	13 24	13 21		n.a.
W13	23 34	2n21	3 0	24 52	1 47	23 35	1 26	21 48	0 25	20 16	1 8	24 6	0 28	5 25	0 46	8 34	1 53	33 13	9 52	13 52	13 25	13 18		n.a.
T 14	23 30	7 59	3 49	24 37	1 46	23 23	1 26	21 56	0 26	20 13	1 7	24 5	0 28	5 25	0 46	8 33	1 52	33 13	9 52	13 52	13 26	13 15		n.a.
F 15	23 26	13 26	4 29	24 21	1 44	23 11	1 27	22 4	0 26	20 10	1 7	24 5	0 29	5 26	0 46	8 33	1 52	33 13	9 52	13 52	13 28	13 12		n.a.
S 16	23 21	18 28	4 56	24 3	1 42	22 58	1 27	22 11	0 27	20 7	1 7	24 5	0 29	5 26	0 46	8 32	1 52	33 14	9 52	13 53	13 29	13 8		n.a.
S 17	23 16	22 49	5 9	23 43	1 39	22 45	1 27	22 18	0 28	20 4	1 7	24 4	0 29	5 26	0 46	8 32	1 52	33 14	9 53	13 54	13 30	13 5		n.a.
M18	23 10	26 6	5 6	23 21	1 36	22 30	1 28	22 25	0 28	20 1	1 7	24 4	0 29	5 26	0 46	8 31	1 52	33 14	9 53	13 56	13 31	13 2		n.a.
T 19	23 4	27 54	4 44	22 58	1 32	22 16	1 28	22 32	0 29	19 57	1 7	24 3	0 29	5 27	0 46	8 31	1 52	33 14	9 53	13 58	13 32	12 59		n.a.
W20	22 58	27 54	4 5	22 34	1 28	22 0	1 28	22 39	0 30	19 54	1 7	24 3	0 29	5 27	0 46	8 30	1 52	33 14	9 53	14 0	13 33	12 56		n.a.
T 21	22 51	25 57	3 8	22 8	1 24	21 44	1 28	22 45	0 30	19 51	1 7	24 3	0 29	5 27	0 46	8 29	1 52	33 14	9 53	14 2	13 34	12 53		n.a.
F 22	22 44	22 11	1 58	21 41	1 19	21 27	1 28	22 52	0 31	19 48	1 7	24 2	0 29	5 28	0 46	8 29	1 52	33 15	9 53	14 3	13 35	12 50		n.a.
S 23	22 36	16 57	0 39	21 13	1 14	21 9	1 28	22 58	0 32	19 44	1 7	24 2	0 29	5 28	0 46	8 28	1 52	33 15	9 53	14 4	13 36	12 47		n.a.
S 24	22 28	10 44	0s42	20 44	1 8	20 51	1 28	23 4	0 32	19 41	1 7	24 1	0 29	5 28	0 46	8 28	1 52	33 15	9 53	14 4	13 37	12 44		n.a.
M25	22 20	4 2	1 59	20 14	1 3	20 33	1 28	23 10	0 33	19 38	1 7	24 1	0 29	5 29	0 46	8 27	1 52	33 15	9 53	14 3	13 38	12 40		n.a.
T 26	22 11	2s45	3 7	19 43	0 57	20 13	1 27	23 16	0 34	19 34	1 7	24 0	0 30	5 29	0 46	8 26	1 52	33 15	9 53	14 3	13 39	12 37		n.a.
W27	22 1	9 15	4 3	19 11	0 50	19 54	1 27	23 21	0 34	19 31	1 7	24 0	0 30	5 30	0 46	8 26	1 52	33 15	9 53	14 2	13 40	12 34		n.a.
T 28	21 52	15 9	4 43	18 39	0 44	19 33	1 27	23 26	0 35	19 27	1 7	24 0	0 30	5 30	0 46	8 25	1 52	33 15	9 53	14 2	13 42	12 31		n.a.
F 29	21 42	20 12	5 7	18 6	0 37	19 12	1 26	23 32	0 36	19 24	1 7	23 59	0 30	5 31	0 46	8 24	1 52	33 15	9 53	14 3	13 43	12 28		n.a.
S 30	21 31	24 10	5 13	17 32	0 30	18 51	1 26	23 37	0 36	19 21	1 7	23 59	0 30	5 31	0 47	8 24	1 52	33 16	9 53	14 4	13 44	12 25		n.a.
S 31	21n20	26s50	5s 4	16n58	0n23	18n29	1n25	23n41	0n37	19n17	1n 7	23n58	0n30	5s32	0s47	8n23	1n52	33s16	9s53	14s 5	13s45	12s22		n.a.

Julian Day Number = 1292070.5, Delta T = 07h58m16s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°18'03, Lahiri = -20°11'02 Julian Calendar 1 July 1176 BCE == Greg. Calendar 20 June 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

AUGUST 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 54 40	26♋45'06	19♐37	16♌33	14♌28	16♊31	9♌35	9♋51	18°R 0	13♍19	10°R27	22°R55	23♒56	27♒21	n.a.	M 1
T 2	19 58 36	27°43'29	2♑ 3	18° 3	15°42	17° 8	9°48	9°59	17♓58	13°21	10♑26	22♒51	23°53	27°27	n.a.	T 2
W 3	20 2 33	28°41'53	14°18	19°32	16°57	17°46	10° 1	10° 6	17°57	13°23	10°25	22°47	23°50	27°34	n.a.	W 3
T 4	20 6 29	29°40'20	26°23	21° 0	18°11	18°23	10°14	10°13	17°56	13°25	10°24	22°44	23°46	27°41	n.a.	T 4
F 5	20 10 26	0♌38'48	8♒20	22°27	19°25	19° 1	10°27	10°21	17°54	13°26	10°23	22°42	23°43	27°47	n.a.	F 5
S 6	20 14 22	1°37'18	20°12	23°52	20°39	19°38	10°40	10°28	17°53	13°28	10°21	22°D42	23°40	27°54	n.a.	S 6
S 7	20 18 19	2°35'51	1♓59	25°16	21°54	20°15	10°53	10°35	17°51	13°30	10°20	22°42	23°37	28° 1	n.a.	S 7
M 8	20 22 15	3°34'26	13°46	26°39	23° 8	20°52	11° 6	10°43	17°50	13°32	10°19	22°43	23°34	28° 7	n.a.	M 8
T 9	20 26 12	4°33'03	25°36	28° 1	24°22	21°29	11°19	10°50	17°48	13°34	10°18	22°44	23°31	28°14	n.a.	T 9
W10	20 30 9	5°31'42	7♈31	29°21	25°36	22° 6	11°32	10°57	17°47	13°35	10°17	22°46	23°27	28°21	n.a.	W10
T 11	20 34 5	6°30'23	19°37	0♍40	26°50	22°43	11°45	11° 4	17°45	13°37	10°15	22°47	23°24	28°27	n.a.	T 11
F 12	20 38 2	7°29'07	1♉58	1°57	28° 5	23°20	11°58	11°11	17°43	13°39	10°14	22°R48	23°21	28°34	n.a.	F 12
S 13	20 41 58	8°27'54	14°38	3°13	29°19	23°57	12°11	11°18	17°42	13°41	10°13	22°48	23°18	28°40	n.a.	S 13
S 14	20 45 55	9°26'43	27°41	4°28	0♍33	24°34	12°24	11°25	17°40	13°43	10°12	22°47	23°15	28°47	n.a.	S 14
M15	20 49 51	10°25'34	11♊11	5°40	1°47	25°11	12°37	11°32	17°38	13°45	10°11	22°46	23°12	28°54	n.a.	M15
T 16	20 53 48	11°24'28	25° 8	6°51	3° 2	25°48	12°50	11°39	17°36	13°47	10°10	22°45	23° 8	29° 0	n.a.	T 16
W17	20 57 44	12°23'24	9♋31	8° 0	4°16	26°25	13° 3	11°46	17°34	13°49	10° 9	22°43	23° 5	29° 7	n.a.	W17
T 18	21 1 41	13°22'23	24°17	9° 7	5°30	27° 1	13°16	11°53	17°32	13°51	10° 8	22°42	23° 2	29°14	n.a.	T 18
F 19	21 5 37	14°21'24	9♌19	10°12	6°44	27°38	13°29	12° 0	17°30	13°53	10° 7	22°42	22°59	29°20	n.a.	F 19
S 20	21 9 34	15°20'27	24°29	11°15	7°58	28°15	13°42	12° 7	17°29	13°55	10° 5	22°D41	22°56	29°27	n.a.	S 20
S 21	21 13 31	16°19'32	9♍38	12°15	9°13	28°51	13°55	12°14	17°27	13°57	10° 4	22°42	22°52	29°34	n.a.	S 21
M22	21 17 27	17°18'39	24°35	13°13	10°27	29°28	14° 8	12°20	17°25	13°59	10° 3	22°42	22°49	29°40	n.a.	M22
T 23	21 21 24	18°17'48	9♎15	14° 8	11°41	0♋ 4	14°21	12°27	17°22	14° 1	10° 2	22°43	22°46	29°47	n.a.	T 23
W24	21 25 20	19°16'59	23°32	14°59	12°55	0°40	14°34	12°34	17°20	14° 3	10° 1	22°43	22°43	29°54	n.a.	W24
T 25	21 29 17	20°16'11	7♏24	15°48	14° 9	1°17	14°47	12°40	17°18	14° 5	10° 1	22°43	22°40	0♓ 0	n.a.	T 25
F 26	21 33 13	21°15'26	20°51	16°32	15°23	1°53	15° 0	12°47	17°16	14° 7	10° 0	22°R43	22°37	0° 7	n.a.	F 26
S 27	21 37 10	22°14'43	3♐55	17°13	16°37	2°29	15°13	12°53	17°14	14° 9	9°59	22°D43	22°33	0°14	n.a.	S 27
S 28	21 41 6	23°14'02	16°39	17°50	17°52	3° 5	15°27	13° 0	17°12	14°11	9°58	22°43	22°30	0°20	n.a.	S 28
M29	21 45 3	24°13'22	29° 6	18°21	19° 6	3°41	15°40	13° 6	17°10	14°14	9°57	22°43	22°27	0°27	n.a.	M29
T 30	21 49 0	25°12'45	11♑19	18°48	20°20	4°17	15°52	13°13	17° 7	14°16	9°56	22°43	22°24	0°33	n.a.	T 30
W31	21 52 56	26♌12'10	23♑22	19♍ 9	21♍34	4♋53	16♌ 5	13♋19	17♓ 5	14♍18	9♑55	22♒44	22♒21	0♓40	n.a.	W31

Day	☉	☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n 9	28s 5	4s40		16n23	0n16	18n 6	1n24	23n46	0n38	19n14	1n 7	23n58	0n30	5s32	0s47	8n22	1n52	33s16	9s53	14s 6	13s46	12s18			n.a.
T 2	20 58	27 53	4 4		15 48	0 9	17 43	1 23	23 51	0 39	19 10	1 7	23 57	0 30	5 33	0 47	8 22	1 52	33 16	9 53	14 8	13 47	12 15			n.a.
W 3	20 46	26 18	3 16		15 13	0 1	17 20	1 23	23 55	0 39	19 7	1 7	23 57	0 30	5 33	0 47	8 21	1 52	33 16	9 53	14 9	13 48	12 12			n.a.
T 4	20 33	23 31	2 20		14 38	0s 7	16 56	1 22	23 59	0 40	19 3	1 7	23 56	0 30	5 34	0 47	8 20	1 52	33 16	9 53	14 10	13 49	12 9			n.a.
F 5	20 21	19 44	1 18		14 2	0 15	16 31	1 21	24 3	0 41	18 59	1 7	23 56	0 31	5 34	0 47	8 20	1 52	33 16	9 53	14 10	13 50	12 6			n.a.
S 6	20 8	15 13	0 14		13 26	0 23	16 6	1 20	24 7	0 41	18 56	1 7	23 55	0 31	5 35	0 47	8 19	1 51	33 16	9 53	14 11	13 51	12 3			n.a.
S 7	19 54	10 9	0n51		12 50	0 31	15 41	1 19	24 10	0 42	18 52	1 7	23 55	0 31	5 36	0 47	8 18	1 51	33 16	9 53	14 11	13 52	12 0			n.a.
M 8	19 41	4 44	1 54		12 14	0 39	15 15	1 18	24 14	0 43	18 49	1 7	23 55	0 31	5 36	0 47	8 17	1 51	33 16	9 53	14 10	13 53	11 56			n.a.
T 9	19 27	0n51	2 52		11 38	0 47	14 49	1 16	24 17	0 43	18 45	1 8	23 54	0 31	5 37	0 47	8 17	1 51	33 16	9 53	14 10	13 54	11 53			n.a.
W10	19 12	6 26	3 43		11 2	0 55	14 22	1 15	24 20	0 44	18 41	1 8	23 54	0 31	5 37	0 47	8 16	1 51	33 16	9 52	14 9	13 55	11 50			n.a.
T 11	18 57	11 53	4 26		10 26	1 3	13 55	1 14	24 23	0 45	18 38	1 8	23 53	0 31	5 38	0 47	8 15	1 51	33 16	9 52	14 9	13 56	11 47			n.a.
F 12	18 42	16 58	4 56		9 50	1 12	13 28	1 12	24 25	0 46	18 34	1 8	23 53	0 31	5 39	0 47	8 14	1 51	33 16	9 52	14 9	13 58	11 44			n.a.
S 13	18 27	21 29	5 14		9 15	1 20	13 0	1 11	24 28	0 46	18 30	1 8	23 52	0 31	5 40	0 47	8 14	1 51	33 16	9 52	14 9	13 59	11 41			n.a.
S 14	18 11	25 5	5 16		8 40	1 28	12 32	1 9	24 30	0 47	18 27	1 8	23 52	0 31	5 40	0 47	8 13	1 51	33 16	9 52	14 9	14 0	11 37			n.a.
M15	17 55	27 27	5 1		8 5	1 37	12 4	1 8	24 32	0 48	18 23	1 8	23 51	0 32	5 41	0 47	8 12	1 51	33 16	9 52	14 9	14 1	11 34			n.a.
T 16	17 39	28 12	4 28		7 31	1 45	11 35	1 6	24 34	0 48	18 19	1 8	23 51	0 32	5 42	0 47	8 11	1 51	33 16	9 52	14 10	14 2	11 31			n.a.
W17	17 22	27 6	3 37		6 58	1 53	11 6	1 5	24 36	0 49	18 16	1 8	23 50	0 32	5 43	0 47	8 10	1 51	33 17	9 52	14 10	14 3	11 28			n.a.
T 18	17 5	24 6	2 31		6 25	2 1	10 37	1 3	24 38	0 50	18 12	1 8	23 49	0 32	5 43	0 47	8 10	1 51	33 17	9 52	14 10	14 4	11 25			n.a.
F 19	16 48	19 24	1 14		5 53	2 9	10 8	1 1	24 39	0 51	18 8	1 8	23 49	0 32	5 44	0 47	8 9	1 51	33 17	9 52	14 11	14 5	11 22			n.a.
S 20	16 30	13 25	0s10		5 21	2 17	9 38	0 59	24 41	0 51	18 4	1 8	23 48	0 32	5 45	0 47	8 8	1 51	33 16	9 52	14 11	14 6	11 18			n.a.
S 21	16 12	6 40	1 33		4 51	2 25	9 8	0 57	24 42	0 52	18 0	1 8	23 48	0 32	5 46	0 47	8 7	1 51	33 16	9 52	14 11	14 7	11 15			n.a.
M22	15 54	0s23	2 48		4 22	2 32	8 37	0 55	24 43	0 53	17 57	1 8	23 47	0 32	5 46	0 47	8 6	1 51	33 16	9 51	14 11	14 8	11 12			n.a.
T 23	15 36	7 15	3 51		3 54	2 40	8 7	0 53	24 44	0 53	17 53	1 8	23 47	0 33	5 47	0 47	8 6	1 51	33 16	9 51	14 10	14 9	11 9			n.a.
W24	15 17	13 34	4 38		3 27	2 47	7 36	0 51	24 44	0 54	17 49	1 8	23 46	0 33	5 48	0 47	8 5	1 51	33 16	9 51	14 10	14 10	11 6			n.a.
T 25	14 58	19 1	5 7		3 2	2 53	7 5	0 49	24 45	0 55	17 45	1 8	23 46	0 33	5 49	0 47	8 4	1 51	33 16	9 51	14 10	14 11	11 2			n.a.
F 26	14 39	23 22	5 18		2 39	3 0	6 34	0 47	24 45	0 56	17 41	1 8	23 45	0 33	5 50	0 47	8 3	1 51	33 16	9 51	14 10	14 12	10 59			n.a.
S 27	14 20	26 23	5 12		2 17	3 6	6 3	0 45	24 45	0 56	17 37	1 8	23 45	0 33	5 51	0 47	8 2	1 51	33 16	9 51	14 10	14 13	10 56			n.a.
S 28	14 0	27 58	4 51		1 58	3 11	5 31	0 42	24 45	0 57	17 34	1 8	23 44	0 33	5 52	0 47	8 1	1 51	33 16	9 51	14 10	14 14	10 53			n.a.
M29	13 40	28 6	4 16		1 41	3 16	5 0	0 40	24 45	0 58	17 30	1 8	23 44	0 33	5 52	0 47	8 0	1 51	33 16	9 51	14 10	14 15	10 50			n.a.
T 30	13 20	26 50	3 31		1 26	3 21	4 28	0 38	24 45	0 59	17 26	1 9	23 43	0 33	5 53	0 47	8 0	1 51	33 16	9 51	14 10	14 17	10 46			n.a.
W31	12n59	24s20	2s36		1n14	3s24	3n56	0n35	24n44	0n59	17n22	1n 9	23n43	0n33	5s54	0s47	7n59	1n51	33s16	9s50	14s10	14s18	10s43			n.a.

Julian Day Number = 1292101.5, Delta T = 07h58m14s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'59, Lahiri = -20°10'58 Julian Calendar 1 Aug. 1176 BCE == Greg. Calendar 21 July 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

SEPTEMBER 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 53	27♌11'36	5♒17	19♍24	22♍48	5♋29	16♌18	13♋25	17°R 3	14♍20	9°R54	22♒44	22♒18	0♓47	n.a.	T 1
F 2	22 0 49	28°11'05	17° 8	19°33	24° 2	6° 5	16°31	13°31	17♓ 1	14°22	9♑54	22°R44	22°14	0°53	n.a.	F 2
S 3	22 4 46	29°10'36	28°56	19°R34	25°16	6°41	16°44	13°37	16°58	14°24	9°53	22°44	22°11	1° 0	n.a.	S 3
S 4	22 8 42	0♍10'08	10♓44	19°28	26°30	7°17	16°57	13°43	16°56	14°26	9°52	22°44	22° 8	1° 7	n.a.	S 4
M 5	22 12 39	1° 9'43	22°34	19°14	27°44	7°52	17°10	13°49	16°54	14°29	9°51	22°43	22° 5	1°13	n.a.	M 5
T 6	22 16 35	2° 9'21	4♈28	18°52	28°58	8°28	17°23	13°55	16°51	14°31	9°51	22°42	22° 2	1°20	n.a.	T 6
W 7	22 20 32	3° 9'00	16°29	18°21	0♎12	9° 4	17°36	14° 1	16°49	14°33	9°50	22°41	21°58	1°27	n.a.	W 7
T 8	22 24 28	4° 8'42	28°39	17°42	1°26	9°39	17°49	14° 7	16°47	14°35	9°49	22°39	21°55	1°33	n.a.	T 8
F 9	22 28 25	5° 8'27	11♉ 2	16°55	2°40	10°15	18° 1	14°13	16°44	14°38	9°49	22°38	21°52	1°40	n.a.	F 9
S 10	22 32 22	6° 8'14	23°41	15°59	3°54	10°50	18°14	14°18	16°42	14°40	9°48	22°37	21°49	1°47	n.a.	S 10
S 11	22 36 18	7° 8'03	6♊40	14°57	5° 8	11°25	18°27	14°24	16°39	14°42	9°47	22°D36	21°46	1°53	n.a.	S 11
M12	22 40 15	8° 7'54	20° 0	13°49	6°22	12° 1	18°40	14°30	16°37	14°44	9°47	22°37	21°43	2° 0	n.a.	M12
T 13	22 44 11	9° 7'49	3♋45	12°36	7°36	12°36	18°52	14°35	16°35	14°46	9°46	22°37	21°39	2° 7	n.a.	T 13
W14	22 48 8	10° 7'45	17°56	11°21	8°50	13°11	19° 5	14°40	16°32	14°49	9°46	22°39	21°36	2°13	n.a.	W14
T 15	22 52 4	11° 7'44	2♌30	10° 6	10° 3	13°46	19°18	14°46	16°30	14°51	9°45	22°40	21°33	2°20	n.a.	T 15
F 16	22 56 1	12° 7'45	17°25	8°53	11°17	14°21	19°30	14°51	16°27	14°53	9°45	22°R41	21°30	2°26	n.a.	F 16
S 17	22 59 57	13° 7'48	2♍33	7°44	12°31	14°56	19°43	14°56	16°25	14°55	9°44	22°40	21°27	2°33	n.a.	S 17
S 18	23 3 54	14° 7'53	17°45	6°41	13°45	15°31	19°55	15° 1	16°22	14°58	9°44	22°39	21°24	2°40	n.a.	S 18
M19	23 7 50	15° 8'00	2♎53	5°46	14°59	16° 6	20° 8	15° 6	16°20	15° 0	9°43	22°37	21°20	2°46	n.a.	M19
T 20	23 11 47	16° 8'09	17°45	5° 1	16°13	16°40	20°20	15°11	16°17	15° 2	9°43	22°34	21°17	2°53	n.a.	T 20
W21	23 15 44	17° 8'20	2♏16	4°26	17°26	17°15	20°32	15°16	16°15	15° 4	9°43	22°30	21°14	3° 0	n.a.	W21
T 22	23 19 40	18° 8'33	16°20	4° 3	18°40	17°49	20°45	15°21	16°12	15° 7	9°42	22°27	21°11	3° 6	n.a.	T 22
F 23	23 23 37	19° 8'48	29°56	3°51	19°54	18°24	20°57	15°26	16°10	15° 9	9°42	22°24	21° 8	3°13	n.a.	F 23
S 24	23 27 33	20° 9'04	13♐ 4	3°D51	21° 8	18°58	21° 9	15°30	16° 7	15°11	9°42	22°23	21° 4	3°20	n.a.	S 24
S 25	23 31 30	21° 9'22	25°48	4° 2	22°21	19°33	21°21	15°35	16° 5	15°13	9°41	22°D23	21° 1	3°26	n.a.	S 25
M26	23 35 26	22° 9'41	8♑11	4°23	23°35	20° 7	21°33	15°39	16° 3	15°16	9°41	22°24	20°58	3°33	n.a.	M26
T 27	23 39 23	23°10'02	20°19	4°54	24°49	20°41	21°46	15°44	16° 0	15°18	9°41	22°26	20°55	3°40	n.a.	T 27
W28	23 43 19	24°10'25	2♒15	5°34	26° 2	21°15	21°58	15°48	15°58	15°20	9°41	22°27	20°52	3°46	n.a.	W28
T 29	23 47 16	25°10'49	14° 5	6°22	27°16	21°49	22°10	15°52	15°55	15°22	9°41	22°29	20°49	3°53	n.a.	T 29
F 30	23 51 13	26♍11'15	25♒52	7♍17	28♎30	22♋23	22♌21	15♋56	15♓53	15♍24	9♑41	22°R29	20♒45	4♓ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n39	20s48	1s36	1n 6	3s27	3n24	0n33	24n43	1n 0	17n18	1n 9	23n42	0n34	5s55	0s47	7n58	1n51	33s16	9s50	14s10	14s19	10s40		n.a.
F 2	12 18	16 27	0 31	1 1	3 29	2 52	0 30	24 42	1 1	17 14	1 9	23 42	0 34	5 56	0 47	7 57	1 51	33 16	9 50	14 10	14 20	10 37		n.a.
S 3	11 57	11 30	0n34	1 0	3 30	2 20	0 28	24 41	1 2	17 10	1 9	23 41	0 34	5 57	0 47	7 56	1 51	33 16	9 50	14 10	14 21	10 34		n.a.
S 4	11 36	6 9	1 38	1 2	3 29	1 48	0 25	24 40	1 2	17 6	1 9	23 41	0 34	5 58	0 47	7 55	1 51	33 16	9 50	14 10	14 22	10 30		n.a.
M 5	11 14	0 35	2 38	1 10	3 27	1 16	0 22	24 39	1 3	17 2	1 9	23 40	0 34	5 59	0 47	7 54	1 51	33 16	9 50	14 10	14 23	10 27		n.a.
T 6	10 53	5n 2	3 31	1 21	3 24	0 43	0 20	24 37	1 4	16 59	1 9	23 40	0 34	6 0	0 47	7 54	1 51	33 16	9 50	14 11	14 24	10 24		n.a.
W 7	10 31	10 31	4 16	1 38	3 19	0 11	0 17	24 36	1 5	16 55	1 9	23 39	0 34	6 1	0 47	7 53	1 51	33 16	9 49	14 11	14 25	10 21		n.a.
T 8	10 9	15 40	4 50	2 0	3 12	0s22	0 14	24 34	1 5	16 51	1 9	23 39	0 35	6 2	0 47	7 52	1 51	33 15	9 49	14 12	14 26	10 18		n.a.
F 9	9 47	20 17	5 10	2 26	3 4	0 54	0 12	24 32	1 6	16 47	1 9	23 38	0 35	6 3	0 47	7 51	1 51	33 15	9 49	14 12	14 27	10 14		n.a.
S 10	9 25	24 6	5 17	2 57	2 53	1 26	0 9	24 30	1 7	16 43	1 9	23 38	0 35	6 4	0 47	7 50	1 51	33 15	9 49	14 12	14 28	10 11		n.a.
S 11	9 2	26 49	5 7	3 33	2 41	1 59	0 6	24 28	1 8	16 39	1 10	23 37	0 35	6 5	0 47	7 49	1 51	33 15	9 49	14 12	14 29	10 8		n.a.
M12	8 39	28 8	4 41	4 13	2 26	2 31	0 3	24 25	1 9	16 35	1 10	23 37	0 35	6 5	0 47	7 48	1 51	33 15	9 49	14 12	14 30	10 5		n.a.
T 13	8 17	27 46	3 59	4 56	2 10	3 3	0 1	24 23	1 9	16 31	1 10	23 36	0 35	6 6	0 47	7 47	1 51	33 15	9 48	14 12	14 31	10 2		n.a.
W14	7 54	25 36	3 1	5 42	1 52	3 35	0s 2	24 20	1 10	16 27	1 10	23 36	0 35	6 7	0 47	7 47	1 51	33 15	9 48	14 12	14 32	9 58		n.a.
T 15	7 31	21 42	1 49	6 28	1 33	4 8	0 5	24 17	1 11	16 23	1 10	23 35	0 35	6 8	0 47	7 46	1 51	33 15	9 48	14 11	14 33	9 55		n.a.
F 16	7 7	16 20	0 29	7 14	1 13	4 40	0 8	24 14	1 12	16 19	1 10	23 35	0 36	6 9	0 47	7 45	1 51	33 14	9 48	14 11	14 34	9 52		n.a.
S 17	6 44	9 54	0s54	8 0	0 53	5 12	0 11	24 11	1 13	16 15	1 10	23 35	0 36	6 10	0 47	7 44	1 51	33 14	9 48	14 11	14 35	9 49		n.a.
S 18	6 21	2 52	2 14	8 42	0 32	5 43	0 14	24 8	1 13	16 12	1 10	23 34	0 36	6 11	0 47	7 43	1 51	33 14	9 48	14 11	14 36	9 45		n.a.
M19	5 57	4s16	3 24	9 22	0 12	6 15	0 17	24 5	1 14	16 8	1 10	23 34	0 36	6 12	0 47	7 42	1 51	33 14	9 47	14 12	14 37	9 42		n.a.
T 20	5 33	11 3	4 19	9 57	0n 7	6 47	0 20	24 1	1 15	16 4	1 11	23 33	0 36	6 13	0 47	7 41	1 51	33 14	9 47	14 13	14 38	9 39		n.a.
W21	5 10	17 4	4 55	10 26	0 26	7 18	0 23	23 57	1 16	16 0	1 11	23 33	0 36	6 14	0 47	7 40	1 51	33 14	9 47	14 14	14 39	9 36		n.a.
T 22	4 46	21 59	5 13	10 51	0 43	7 50	0 26	23 54	1 17	15 56	1 11	23 32	0 36	6 15	0 47	7 40	1 51	33 14	9 47	14 16	14 41	9 32		n.a.
F 23	4 22	25 32	5 12	11 10	0 58	8 21	0 29	23 50	1 17	15 52	1 11	23 32	0 37	6 16	0 47	7 39	1 51	33 13	9 47	14 16	14 42	9 29		n.a.
S 24	3 58	27 36	4 54	11 23	1 13	8 52	0 31	23 46	1 18	15 48	1 11	23 32	0 37	6 17	0 47	7 38	1 51	33 13	9 46	14 17	14 43	9 26		n.a.
S 25	3 34	28 9	4 23	11 30	1 25	9 22	0 34	23 41	1 19	15 44	1 11	23 31	0 37	6 18	0 47	7 37	1 51	33 13	9 46	14 17	14 44	9 23		n.a.
M26	3 10	27 14	3 40	11 33	1 36	9 53	0 37	23 37	1 20	15 40	1 11	23 31	0 37	6 19	0 47	7 36	1 51	33 13	9 46	14 17	14 45	9 20		n.a.
T 27	2 45	25 2	2 47	11 30	1 45	10 23	0 40	23 33	1 21	15 37	1 11	23 30	0 37	6 20	0 47	7 35	1 51	33 13	9 46	14 16	14 46	9 16		n.a.
W28	2 21	21 45	1 49	11 22	1 53	10 53	0 43	23 28	1 22	15 33	1 12	23 30	0 37	6 21	0 47	7 34	1 51	33 13	9 46	14 15	14 47	9 13		n.a.
T 29	1 57	17 36	0 46	11 10	1 59	11 23	0 46	23 24	1 23	15 29	1 12	23 30	0 38	6 22	0 47	7 33	1 51	33 12	9 46	14 15	14 48	9 10		n.a.
F 30	1n32	12s49	0n19	10n53	2n 4	11s53	0s49	23n19	1n23	15n25	1n12	23n29	0n38	6s23	0s47	7n33	1n51	33s12	9s45	14s15	14s49	9s 7		n.a.

Julian Day Number = 1292132.5, Delta T = 07h58m13s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'54, Lahiri = -20°10'54 Julian Calendar 1 Sept. 1176 BCE == Greg. Calendar 21 Aug. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

OCTOBER 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 9	27♍11'42	7♓40	8♍18	29♎43	22♋57	22♌33	16♋ 0	15°R50	15♍27	9°R40	22°R28	20♒42	4♓ 6	n.a.	S 1
S 2	23 59 6	28°12'11	19°31	9°25	0♏57	23°30	22°45	16° 4	15♓48	15°29	9♑40	22♒25	20°39	4°13	n.a.	S 2
M 3	0 3 2	29°12'42	1♈27	10°36	2°10	24° 4	22°57	16° 8	15°46	15°31	9°40	22°20	20°36	4°19	n.a.	M 3
T 4	0 6 59	0♎13'14	13°31	11°51	3°24	24°38	23° 9	16°12	15°43	15°33	9°D40	22°14	20°33	4°26	n.a.	T 4
W 5	0 10 55	1°13'49	25°44	13°10	4°37	25°11	23°20	16°15	15°41	15°35	9°40	22° 6	20°29	4°33	n.a.	W 5
T 6	0 14 52	2°14'25	8♉ 6	14°31	5°50	25°44	23°32	16°19	15°39	15°38	9°40	21°59	20°26	4°39	n.a.	T 6
F 7	0 18 48	3°15'03	20°39	15°55	7° 4	26°18	23°43	16°23	15°36	15°40	9°40	21°52	20°23	4°46	n.a.	F 7
S 8	0 22 45	4°15'43	3♊25	17°21	8°17	26°51	23°55	16°26	15°34	15°42	9°40	21°46	20°20	4°53	n.a.	S 8
S 9	0 26 42	5°16'24	16°26	18°49	9°31	27°24	24° 6	16°29	15°32	15°44	9°41	21°42	20°17	4°59	n.a.	S 9
M10	0 30 38	6°17'08	29°43	20°19	10°44	27°57	24°17	16°32	15°29	15°46	9°41	21°40	20°14	5° 6	n.a.	M10
T 11	0 34 35	7°17'53	13♋19	21°49	11°57	28°30	24°28	16°35	15°27	15°48	9°41	21°D40	20°10	5°13	n.a.	T 11
W12	0 38 31	8°18'41	27°14	23°20	13°10	29° 3	24°40	16°38	15°25	15°51	9°41	21°41	20° 7	5°19	n.a.	W12
T 13	0 42 28	9°19'30	11♌30	24°52	14°24	29°36	24°51	16°41	15°23	15°53	9°41	21°43	20° 4	5°26	n.a.	T 13
F 14	0 46 24	10°20'20	26° 4	26°25	15°37	0♌ 8	25° 2	16°44	15°21	15°55	9°42	21°R43	20° 1	5°33	n.a.	F 14
S 15	0 50 21	11°21'12	10♍54	27°58	16°50	0°41	25°12	16°47	15°18	15°57	9°42	21°41	19°58	5°39	n.a.	S 15
S 16	0 54 17	12°22'06	25°52	29°32	18° 3	1°13	25°23	16°49	15°16	15°59	9°42	21°37	19°55	5°46	n.a.	S 16
M17	0 58 14	13°23'01	10♎52	1♏ 6	19°16	1°45	25°34	16°52	15°14	16° 1	9°42	21°31	19°51	5°53	n.a.	M17
T 18	1 2 11	14°23'58	25°43	2°40	20°29	2°17	25°45	16°54	15°12	16° 3	9°43	21°23	19°48	5°59	n.a.	T 18
W19	1 6 7	15°24'56	10♏17	4°14	21°42	2°49	25°55	16°57	15°10	16° 5	9°43	21°14	19°45	6° 6	n.a.	W19
T 20	1 10 4	16°25'55	24°27	5°48	22°55	3°21	26° 6	16°59	15° 8	16° 7	9°44	21° 5	19°42	6°13	n.a.	T 20
F 21	1 14 0	17°26'55	8♐10	7°22	24° 8	3°53	26°16	17° 1	15° 6	16° 9	9°44	20°57	19°39	6°19	n.a.	F 21
S 22	1 17 57	18°27'56	21°25	8°57	25°21	4°25	26°26	17° 3	15° 4	16°11	9°45	20°51	19°35	6°26	n.a.	S 22
S 23	1 21 53	19°28'58	4♑13	10°31	26°34	4°56	26°36	17° 5	15° 2	16°13	9°45	20°48	19°32	6°32	n.a.	S 23
M24	1 25 50	20°30'01	16°39	12° 5	27°47	5°28	26°47	17° 6	15° 0	16°15	9°46	20°D46	19°29	6°39	n.a.	M24
T 25	1 29 46	21°31'04	28°47	13°39	29° 0	5°59	26°57	17° 8	14°58	16°17	9°46	20°47	19°26	6°46	n.a.	T 25
W26	1 33 43	22°32'09	10♒42	15°14	0♐13	6°30	27° 6	17° 9	14°57	16°19	9°47	20°47	19°23	6°52	n.a.	W26
T 27	1 37 40	23°33'14	22°30	16°48	1°25	7° 1	27°16	17°11	14°55	16°21	9°47	20°R48	19°20	6°59	n.a.	T 27
F 28	1 41 36	24°34'19	4♓17	18°22	2°38	7°32	27°26	17°12	14°53	16°22	9°48	20°47	19°16	7° 6	n.a.	F 28
S 29	1 45 33	25°35'26	16° 6	19°56	3°50	8° 3	27°35	17°13	14°51	16°24	9°49	20°43	19°13	7°12	n.a.	S 29
S 30	1 49 29	26°36'33	28° 2	21°31	5° 3	8°33	27°45	17°14	14°50	16°26	9°49	20°37	19°10	7°19	n.a.	S 30
M31	1 53 26	27♎37'41	10♈ 7	23♎ 5	6♐15	9♌ 4	27♌54	17♋15	14♓48	16♍28	9♑50	20♒29	19♒ 7	7♓26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n 8	7s34	1n22	10n33	2n 7	12s22	0s52	23n14	1n24	15n21	1n12	23n29	0n38	6s24	0s47	7n32	1n51	33s12	9s45	14s15	14s50	9s 3		n.a.
S 2	0 44	2 3	2 22	10 10	2 10	12 51	0 55	23 9	1 25	15 18	1 12	23 29	0 38	6 25	0 47	7 31	1 51	33 12	9 45	14 16	14 51	9 0		n.a.
M 3	0 19	3n35	3 16	9 44	2 11	13 20	0 58	23 4	1 26	15 14	1 12	23 28	0 38	6 26	0 47	7 30	1 51	33 12	9 45	14 18	14 52	8 57		n.a.
T 4	0s 5	9 8	4 2	9 15	2 12	13 48	1 1	22 59	1 27	15 10	1 12	23 28	0 38	6 27	0 47	7 29	1 51	33 11	9 45	14 20	14 53	8 54		n.a.
W 5	0 30	14 24	4 38	8 44	2 11	14 16	1 3	22 53	1 28	15 6	1 13	23 28	0 38	6 27	0 47	7 28	1 51	33 11	9 44	14 22	14 54	8 50		n.a.
T 6	0 54	19 10	5 0	8 11	2 10	14 44	1 6	22 48	1 29	15 3	1 13	23 28	0 39	6 28	0 47	7 27	1 51	33 11	9 44	14 25	14 55	8 47		n.a.
F 7	1 19	23 10	5 9	7 37	2 8	15 11	1 9	22 42	1 30	14 59	1 13	23 27	0 39	6 29	0 47	7 27	1 51	33 11	9 44	14 27	14 56	8 44		n.a.
S 8	1 43	26 8	5 3	7 0	2 6	15 38	1 12	22 37	1 30	14 55	1 13	23 27	0 39	6 30	0 47	7 26	1 51	33 11	9 44	14 29	14 57	8 41		n.a.
S 9	2 8	27 48	4 41	6 22	2 3	16 4	1 14	22 31	1 31	14 51	1 13	23 27	0 39	6 31	0 47	7 25	1 51	33 10	9 44	14 30	14 58	8 37		n.a.
M10	2 32	27 54	4 4	5 43	1 59	16 30	1 17	22 25	1 32	14 48	1 13	23 27	0 39	6 32	0 47	7 24	1 51	33 10	9 43	14 31	14 59	8 34		n.a.
T 11	2 57	26 21	3 12	5 4	1 55	16 56	1 20	22 19	1 33	14 44	1 14	23 26	0 39	6 33	0 47	7 23	1 51	33 10	9 43	14 31	15 0	8 31		n.a.
W12	3 21	23 9	2 8	4 23	1 51	17 22	1 22	22 13	1 34	14 41	1 14	23 26	0 40	6 34	0 47	7 23	1 51	33 10	9 43	14 31	15 1	8 28		n.a.
T 13	3 45	18 30	0 55	3 41	1 46	17 46	1 25	22 7	1 35	14 37	1 14	23 26	0 40	6 35	0 47	7 22	1 51	33 10	9 43	14 30	15 2	8 24		n.a.
F 14	4 10	12 40	0s23	2 59	1 41	18 11	1 28	22 1	1 36	14 33	1 14	23 26	0 40	6 35	0 47	7 21	1 51	33 9	9 43	14 30	15 3	8 21		n.a.
S 15	4 34	6 2	1 42	2 17	1 36	18 35	1 30	21 55	1 37	14 30	1 14	23 26	0 40	6 36	0 47	7 20	1 51	33 9	9 42	14 31	15 4	8 18		n.a.
S 16	4 58	0s58	2 53	1 34	1 30	18 58	1 32	21 48	1 38	14 26	1 15	23 25	0 40	6 37	0 47	7 19	1 51	33 9	9 42	14 32	15 5	8 14		n.a.
M17	5 22	7 56	3 53	0 51	1 25	19 21	1 35	21 42	1 39	14 23	1 15	23 25	0 40	6 38	0 47	7 19	1 51	33 9	9 42	14 34	15 6	8 11		n.a.
T 18	5 46	14 22	4 36	0 7	1 19	19 44	1 37	21 36	1 40	14 19	1 15	23 25	0 41	6 39	0 47	7 18	1 51	33 8	9 42	14 37	15 7	8 8		n.a.
W19	6 10	19 53	5 0	0s36	1 12	20 6	1 40	21 29	1 41	14 16	1 15	23 25	0 41	6 39	0 47	7 17	1 51	33 8	9 42	14 40	15 8	8 5		n.a.
T 20	6 34	24 7	5 5	1 20	1 6	20 27	1 42	21 22	1 42	14 12	1 15	23 25	0 41	6 40	0 47	7 16	1 51	33 8	9 41	14 42	15 9	8 1		n.a.
F 21	6 58	26 50	4 52	2 3	1 0	20 48	1 44	21 16	1 43	14 9	1 15	23 25	0 41	6 41	0 47	7 16	1 51	33 8	9 41	14 45	15 10	7 58		n.a.
S 22	7 21	27 56	4 24	2 47	0 53	21 8	1 46	21 9	1 44	14 6	1 16	23 25	0 41	6 42	0 47	7 15	1 52	33 8	9 41	14 47	15 11	7 55		n.a.
S 23	7 45	27 29	3 43	3 31	0 47	21 28	1 48	21 2	1 45	14 2	1 16	23 25	0 41	6 42	0 47	7 14	1 52	33 7	9 41	14 48	15 12	7 52		n.a.
M24	8 8	25 38	2 52	4 14	0 40	21 47	1 50	20 55	1 46	13 59	1 16	23 25	0 42	6 43	0 47	7 13	1 52	33 7	9 41	14 48	15 13	7 48		n.a.
T 25	8 31	22 37	1 55	4 58	0 34	22 5	1 52	20 48	1 47	13 56	1 16	23 24	0 42	6 44	0 47	7 13	1 52	33 7	9 40	14 48	15 14	7 45		n.a.
W26	8 55	18 42	0 54	5 41	0 27	22 23	1 54	20 41	1 48	13 52	1 16	23 24	0 42	6 44	0 47	7 12	1 52	33 7	9 40	14 48	15 15	7 42		n.a.
T 27	9 18	14 6	0n 9	6 24	0 20	22 41	1 56	20 34	1 49	13 49	1 17	23 24	0 42	6 45	0 47	7 11	1 52	33 6	9 40	14 48	15 16	7 38		n.a.
F 28	9 40	9 0	1 11	7 6	0 14	22 57	1 58	20 27	1 50	13 46	1 17	23 24	0 42	6 46	0 47	7 10	1 52	33 6	9 40	14 48	15 17	7 35		n.a.
S 29	10 3	3 34	2 11	7 49	0 7	23 13	1 59	20 20	1 51	13 43	1 17	23 24	0 42	6 46	0 47	7 10	1 52	33 6	9 40	14 49	15 18	7 32		n.a.
S 30	10 26	2n 1	3 5	8 31	0 1	23 29	2 1	20 13	1 52	13 40	1 17	23 24	0 43	6 47	0 47	7 9	1 52	33 6	9 39	14 51	15 19	7 29		n.a.
M31	10s48	7n36	3n51	9s12	0s 6	23s43	2s 3	20n 6	1n53	13n37	1n18	23n25	0n43	6s48	0s47	7n 8	1n52	33s 5	9s39	14s54	15s20	7s25		n.a.

Julian Day Number = 1292162.5, Delta T = 07h58m11s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'50, Lahiri = -20°10'50 Julian Calendar 1 Oct. 1176 BCE == Greg. Calendar 20 Sept. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

NOVEMBER 1176 BCE (-1175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 22	28♎38'49	22♈23	24♎39	7♐28	9♌34	28♌ 4	17♋16	14°R46	16♍30	9♑51	20°R17	19♒ 4	7♓32	n.a.	T 1
W 2	2 1 19	29°39'59	4♉51	26°13	8°40	10° 4	28°13	17°17	14♓45	16°32	9°51	20♒ 5	19° 1	7°39	n.a.	W 2
T 3	2 5 15	0♏41'09	17°31	27°47	9°53	10°34	28°22	17°18	14°43	16°33	9°52	19°52	18°57	7°46	n.a.	T 3
F 4	2 9 12	1°42'20	0♊23	29°22	11° 5	11° 4	28°31	17°18	14°42	16°35	9°53	19°39	18°54	7°52	n.a.	F 4
S 5	2 13 9	2°43'32	13°27	0♏56	12°17	11°34	28°39	17°19	14°41	16°37	9°54	19°29	18°51	7°59	n.a.	S 5
S 6	2 17 5	3°44'45	26°42	2°31	13°29	12° 3	28°48	17°19	14°39	16°38	9°55	19°21	18°48	8° 6	n.a.	S 6
M 7	2 21 2	4°45'59	10♋ 7	4° 5	14°41	12°33	28°57	17°19	14°38	16°40	9°56	19°16	18°45	8°12	n.a.	M 7
T 8	2 24 58	5°47'13	23°44	5°40	15°53	13° 2	29° 5	17°R19	14°36	16°42	9°56	19°14	18°41	8°19	n.a.	T 8
W 9	2 28 55	6°48'28	7♌33	7°14	17° 5	13°31	29°13	17°19	14°35	16°43	9°57	19°D13	18°38	8°26	n.a.	W 9
T 10	2 32 51	7°49'44	21°35	8°49	18°17	14° 0	29°22	17°19	14°34	16°45	9°58	19°R13	18°35	8°32	n.a.	T 10
F 11	2 36 48	8°51'01	5♍49	10°24	19°29	14°29	29°30	17°19	14°33	16°46	9°59	19°13	18°32	8°39	n.a.	F 11
S 12	2 40 44	9°52'18	20°15	12° 0	20°40	14°57	29°38	17°18	14°32	16°48	10° 0	19°10	18°29	8°46	n.a.	S 12
S 13	2 44 41	10°53'36	4♎48	13°35	21°52	15°26	29°45	17°18	14°31	16°49	10° 1	19° 4	18°26	8°52	n.a.	S 13
M14	2 48 38	11°54'55	19°24	15°11	23° 4	15°54	29°53	17°17	14°30	16°51	10° 2	18°55	18°22	8°59	n.a.	M14
T 15	2 52 34	12°56'14	3♏56	16°47	24°15	16°22	0♍ 1	17°17	14°29	16°52	10° 3	18°44	18°19	9° 6	n.a.	T 15
W16	2 56 31	13°57'33	18°16	18°23	25°26	16°49	0° 8	17°16	14°28	16°54	10° 4	18°31	18°16	9°12	n.a.	W16
T 17	3 0 27	14°58'53	2♐18	19°59	26°38	17°17	0°15	17°15	14°27	16°55	10° 6	18°18	18°13	9°19	n.a.	T 17
F 18	3 4 24	16° 0'12	15°58	21°36	27°49	17°44	0°22	17°14	14°26	16°57	10° 7	18° 7	18°10	9°25	n.a.	F 18
S 19	3 8 20	17° 1'32	29°14	23°12	29° 0	18°11	0°29	17°13	14°25	16°58	10° 8	17°58	18° 6	9°32	n.a.	S 19
S 20	3 12 17	18° 2'51	12♑ 4	24°49	0♑11	18°38	0°36	17°11	14°24	16°59	10° 9	17°51	18° 3	9°39	n.a.	S 20
M21	3 16 14	19° 4'10	24°33	26°26	1°22	19° 5	0°43	17°10	14°24	17° 1	10°10	17°48	18° 0	9°45	n.a.	M21
T 22	3 20 10	20° 5'29	6♒43	28° 4	2°33	19°31	0°50	17° 9	14°23	17° 2	10°11	17°46	17°57	9°52	n.a.	T 22
W23	3 24 7	21° 6'48	18°40	29°41	3°44	19°57	0°56	17° 7	14°23	17° 3	10°13	17°46	17°54	9°59	n.a.	W23
T 24	3 28 3	22° 8'06	0♓29	1♐19	4°54	20°23	1° 2	17° 5	14°22	17° 4	10°14	17°46	17°51	10° 5	n.a.	T 24
F 25	3 32 0	23° 9'23	12°17	2°57	6° 5	20°49	1° 8	17° 4	14°22	17° 5	10°15	17°44	17°47	10°12	n.a.	F 25
S 26	3 35 56	24°10'41	24° 8	4°35	7°15	21°15	1°14	17° 2	14°21	17° 6	10°16	17°41	17°44	10°19	n.a.	S 26
S 27	3 39 53	25°11'57	6♈ 7	6°13	8°25	21°40	1°20	17° 0	14°21	17° 8	10°18	17°35	17°41	10°25	n.a.	S 27
M28	3 43 49	26°13'14	18°18	7°51	9°35	22° 5	1°26	16°58	14°20	17° 9	10°19	17°26	17°38	10°32	n.a.	M28
T 29	3 47 46	27°14'30	0♉45	9°28	10°45	22°29	1°31	16°55	14°20	17°10	10°20	17°15	17°35	10°39	n.a.	T 29
W30	3 51 43	28♏15'45	13♉27	11♐ 6	11♑55	22♌54	1♍36	16♋53	14♓20	17♍11	10♑22	17♒ 2	17♒32	10♓45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s10	12n58	4n27	9s54	0s12	23s57	2s 4	19n59	1n54	13n34	1n18	23n25	0n43	6s48	0s46	7n 8	1n52	33s 5	9s39	14s58	15s21	7s22		n.a.
W 2	11 32	17 54	4 51	10 35	0 19	24 11	2 6	19 51	1 55	13 31	1 18	23 25	0 43	6 49	0 46	7 7	1 52	33 5	9 39	15 2	15 22	7 19		n.a.
T 3	11 54	22 9	5 1	11 15	0 25	24 23	2 7	19 44	1 56	13 28	1 18	23 25	0 43	6 49	0 46	7 6	1 52	33 5	9 39	15 6	15 23	7 16		n.a.
F 4	12 16	25 23	4 56	11 55	0 32	24 35	2 8	19 37	1 57	13 25	1 18	23 25	0 43	6 50	0 46	7 6	1 52	33 4	9 39	15 10	15 24	7 12		n.a.
S 5	12 37	27 21	4 36	12 35	0 38	24 47	2 9	19 29	1 58	13 22	1 19	23 25	0 44	6 51	0 46	7 5	1 52	33 4	9 38	15 13	15 25	7 9		n.a.
S 6	12 58	27 48	4 0	13 14	0 44	24 57	2 10	19 22	1 59	13 19	1 19	23 25	0 44	6 51	0 46	7 5	1 52	33 4	9 38	15 16	15 26	7 6		n.a.
M 7	13 19	26 37	3 11	13 52	0 50	25 7	2 11	19 15	2 0	13 16	1 19	23 25	0 44	6 52	0 46	7 4	1 52	33 4	9 38	15 17	15 27	7 2		n.a.
T 8	13 40	23 51	2 11	14 30	0 56	25 16	2 12	19 7	2 1	13 13	1 19	23 25	0 44	6 52	0 46	7 3	1 52	33 3	9 38	15 18	15 28	6 59		n.a.
W 9	14 1	19 40	1 1	15 7	1 1	25 24	2 13	19 0	2 3	13 10	1 20	23 26	0 44	6 52	0 46	7 3	1 52	33 3	9 38	15 18	15 29	6 56		n.a.
T 10	14 21	14 21	0s13	15 44	1 7	25 32	2 14	18 52	2 4	13 8	1 20	23 26	0 45	6 53	0 46	7 2	1 52	33 3	9 37	15 18	15 30	6 52		n.a.
F 11	14 41	8 11	1 27	16 20	1 12	25 39	2 14	18 45	2 5	13 5	1 20	23 26	0 45	6 53	0 46	7 2	1 52	33 3	9 37	15 19	15 31	6 49		n.a.
S 12	15 1	1 32	2 36	16 55	1 18	25 45	2 15	18 37	2 6	13 3	1 20	23 26	0 45	6 54	0 46	7 1	1 52	33 2	9 37	15 19	15 32	6 46		n.a.
S 13	15 20	5s14	3 36	17 30	1 23	25 50	2 15	18 30	2 7	13 0	1 21	23 26	0 45	6 54	0 46	7 0	1 53	33 2	9 37	15 21	15 33	6 43		n.a.
M14	15 40	11 44	4 22	18 3	1 28	25 55	2 16	18 22	2 8	12 57	1 21	23 27	0 45	6 54	0 46	7 0	1 53	33 2	9 37	15 24	15 34	6 39		n.a.
T 15	15 59	17 34	4 50	18 36	1 32	25 58	2 16	18 15	2 10	12 55	1 21	23 27	0 45	6 55	0 46	6 59	1 53	33 2	9 37	15 28	15 35	6 36		n.a.
W16	16 17	22 21	5 0	19 8	1 37	26 1	2 16	18 8	2 11	12 53	1 21	23 27	0 46	6 55	0 46	6 59	1 53	33 1	9 37	15 32	15 36	6 33		n.a.
T 17	16 36	25 43	4 51	19 39	1 41	26 4	2 16	18 0	2 12	12 50	1 22	23 28	0 46	6 55	0 46	6 58	1 53	33 1	9 36	15 36	15 37	6 29		n.a.
F 18	16 54	27 29	4 26	20 9	1 45	26 5	2 16	17 53	2 13	12 48	1 22	23 28	0 46	6 56	0 46	6 58	1 53	33 1	9 36	15 39	15 38	6 26		n.a.
S 19	17 12	27 37	3 47	20 38	1 49	26 6	2 16	17 45	2 14	12 46	1 22	23 28	0 46	6 56	0 46	6 57	1 53	33 1	9 36	15 42	15 39	6 23		n.a.
S 20	17 29	26 13	2 57	21 6	1 52	26 6	2 16	17 38	2 16	12 43	1 23	23 28	0 46	6 56	0 46	6 57	1 53	33 0	9 36	15 44	15 40	6 20		n.a.
M21	17 47	23 32	2 0	21 33	1 55	26 5	2 15	17 31	2 17	12 41	1 23	23 29	0 46	6 57	0 46	6 57	1 53	33 0	9 36	15 45	15 41	6 16		n.a.
T 22	18 4	19 50	0 58	21 58	1 58	26 4	2 15	17 23	2 18	12 39	1 23	23 29	0 47	6 57	0 46	6 56	1 53	33 0	9 36	15 46	15 42	6 13		n.a.
W23	18 20	15 24	0n 5	22 23	2 0	26 1	2 14	17 16	2 19	12 37	1 23	23 30	0 47	6 57	0 46	6 56	1 53	33 0	9 36	15 46	15 43	6 10		n.a.
T 24	18 36	10 26	1 7	22 46	2 3	25 58	2 14	17 9	2 21	12 35	1 24	23 30	0 47	6 57	0 46	6 55	1 53	33 0	9 35	15 46	15 44	6 6		n.a.
F 25	18 52	5 8	2 6	23 7	2 4	25 54	2 13	17 2	2 22	12 33	1 24	23 30	0 47	6 57	0 46	6 55	1 53	32 59	9 35	15 46	15 45	6 3		n.a.
S 26	19 8	0n23	3 0	23 28	2 5	25 50	2 12	16 55	2 23	12 31	1 24	23 31	0 47	6 57	0 46	6 54	1 53	32 59	9 35	15 47	15 46	6 0		n.a.
S 27	19 23	5 55	3 46	23 46	2 6	25 44	2 11	16 47	2 24	12 29	1 24	23 31	0 47	6 58	0 46	6 54	1 53	32 59	9 35	15 49	15 47	5 56		n.a.
M28	19 38	11 20	4 23	24 4	2 7	25 38	2 10	16 40	2 26	12 28	1 25	23 32	0 48	6 58	0 45	6 54	1 53	32 59	9 35	15 52	15 48	5 53		n.a.
T 29	19 52	16 24	4 48	24 19	2 6	25 32	2 8	16 33	2 27	12 26	1 25	23 32	0 48	6 58	0 45	6 53	1 54	32 58	9 35	15 55	15 49	5 50		n.a.
W30	20s 6	20n53	5n 0	24s33	2s 6	25s24	2s 7	16n27	2n28	12n24	1n25	23n33	0n48	6s58	0s45	6n53	1n54	32s58	9s35	15s59	15s50	5s47		n.a.

Julian Day Number = 1292193.5, Delta T = 07h58m10s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'46, Lahiri = -20°10'46 Julian Calendar 1 Nov. 1176 BCE == Greg. Calendar 21 Oct. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1176 BCE
geocentric

DECEMBER 1176 BCE (-1175) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 39	29♏17'00	26♉27	12♐43	13♑ 5	23♌18	1♍41	16°R51	14°R20	17♍12	10♑23	16°R48	17♒28	10♓52	n.a.	T 1
F 2	3 59 36	0♐18'15	9♊41	14°20	14°14	23°42	1°46	16♋48	14♓20	17°13	10°24	16♒36	17°25	10°59	n.a.	F 2
S 3	4 3 32	1°19'29	23° 9	15°56	15°24	24° 6	1°51	16°46	14°20	17°14	10°26	16°25	17°22	11° 5	n.a.	S 3
S 4	4 7 29	2°20'43	6♋48	17°31	16°33	24°29	1°56	16°43	14°D20	17°14	10°27	16°16	17°19	11°12	n.a.	S 4
M 5	4 11 25	3°21'56	20°34	19° 5	17°42	24°52	2° 0	16°40	14°20	17°15	10°29	16°11	17°16	11°19	n.a.	M 5
T 6	4 15 22	4°23'09	4♌28	20°37	18°51	25°15	2° 5	16°38	14°20	17°16	10°30	16° 9	17°12	11°25	n.a.	T 6
W 7	4 19 19	5°24'22	18°25	22° 8	20° 0	25°37	2° 9	16°35	14°20	17°17	10°32	16°D 8	17° 9	11°32	n.a.	W 7
T 8	4 23 15	6°25'34	2♍27	23°36	21° 8	25°59	2°13	16°32	14°20	17°18	10°33	16°R 9	17° 6	11°39	n.a.	T 8
F 9	4 27 12	7°26'46	16°33	25° 2	22°17	26°21	2°16	16°28	14°20	17°18	10°35	16° 8	17° 3	11°45	n.a.	F 9
S 10	4 31 8	8°27'58	0♎41	26°25	23°25	26°42	2°20	16°25	14°21	17°19	10°36	16° 6	17° 0	11°52	n.a.	S 10
S 11	4 35 5	9°29'09	14°51	27°44	24°33	27° 4	2°24	16°22	14°21	17°20	10°38	16° 2	16°57	11°59	n.a.	S 11
M12	4 39 1	10°30'19	28°59	28°59	25°41	27°24	2°27	16°19	14°21	17°20	10°39	15°54	16°53	12° 5	n.a.	M12
T 13	4 42 58	11°31'29	13♏ 2	0♑ 8	26°48	27°45	2°30	16°15	14°22	17°21	10°41	15°45	16°50	12°12	n.a.	T 13
W14	4 46 54	12°32'38	26°56	1°12	27°56	28° 5	2°33	16°12	14°22	17°22	10°42	15°34	16°47	12°19	n.a.	W14
T 15	4 50 51	13°33'47	10♐37	2° 9	29° 3	28°24	2°35	16° 8	14°23	17°22	10°44	15°23	16°44	12°25	n.a.	T 15
F 16	4 54 48	14°34'54	24° 0	2°59	0♒10	28°44	2°38	16° 4	14°23	17°23	10°46	15°13	16°41	12°32	n.a.	F 16
S 17	4 58 44	15°36'01	7♑ 5	3°40	1°17	29° 2	2°40	16° 0	14°24	17°23	10°47	15° 4	16°38	12°39	n.a.	S 17
S 18	5 2 41	16°37'06	19°50	4°12	2°24	29°21	2°42	15°57	14°25	17°23	10°49	14°59	16°34	12°45	n.a.	S 18
M19	5 6 37	17°38'10	2♒16	4°34	3°30	29°39	2°44	15°53	14°26	17°24	10°50	14°55	16°31	12°52	n.a.	M19
T 20	5 10 34	18°39'13	14°26	4°45	4°36	29°57	2°46	15°49	14°26	17°24	10°52	14°D55	16°28	12°59	n.a.	T 20
W21	5 14 30	19°40'14	26°24	4°R45	5°42	0♍14	2°48	15°45	14°27	17°25	10°54	14°55	16°25	13° 5	n.a.	W21
T 22	5 18 27	20°41'14	8♓15	4°34	6°47	0°31	2°49	15°41	14°28	17°25	10°55	14°56	16°22	13°12	n.a.	T 22
F 23	5 22 24	21°42'12	20° 3	4°12	7°53	0°47	2°50	15°37	14°29	17°25	10°57	14°R57	16°18	13°19	n.a.	F 23
S 24	5 26 20	22°43'09	1♈55	3°38	8°58	1° 3	2°51	15°32	14°30	17°25	10°59	14°56	16°15	13°25	n.a.	S 24
S 25	5 30 17	23°44'04	13°55	2°55	10° 2	1°18	2°52	15°28	14°31	17°25	11° 0	14°54	16°12	13°32	n.a.	S 25
M26	5 34 13	24°44'57	26° 8	2° 2	11° 7	1°33	2°53	15°24	14°32	17°26	11° 2	14°49	16° 9	13°39	n.a.	M26
T 27	5 38 10	25°45'50	8♉38	1° 2	12°11	1°48	2°53	15°19	14°33	17°26	11° 4	14°43	16° 6	13°45	n.a.	T 27
W28	5 42 6	26°46'40	21°29	29♐56	13°15	2° 2	2°54	15°15	14°35	17°26	11° 5	14°35	16° 3	13°52	n.a.	W28
T 29	5 46 3	27°47'29	4♊41	28°45	14°18	2°15	2°R54	15°11	14°36	17°26	11° 7	14°26	15°59	13°59	n.a.	T 29
F 30	5 49 59	28°48'17	18°13	27°33	15°21	2°28	2°54	15° 6	14°37	17°R26	11° 9	14°18	15°56	14° 5	n.a.	F 30
S 31	5 53 56	29♐49'03	2♋ 3	26♐21	16♒24	2♍40	2♍53	15♋ 1	14♓39	17♍26	11♑10	14♒11	15♒53	14♓12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s20	24n28	4n56	24s45	2s 4	25s16	2s 6	16n20	2n30	12n23	1n26	23n33	0n48	6s58	0s45	6n53	1n54	32s58	9s35	16s 3	15s51	5s43			n.a.
F 2	20 33	26 50	4 37	24 56	2 3	25 7	2 4	16 13	2 31	12 21	1 26	23 33	0 48	6 58	0 45	6 52	1 54	32 58	9 34	16 7	15 52	5 40			n.a.
S 3	20 46	27 41	4 2	25 4	2 0	24 57	2 2	16 6	2 33	12 20	1 26	23 34	0 48	6 58	0 45	6 52	1 54	32 57	9 34	16 11	15 53	5 37			n.a.
S 4	20 58	26 52	3 12	25 11	1 57	24 47	2 0	15 59	2 34	12 18	1 27	23 34	0 49	6 58	0 45	6 52	1 54	32 57	9 34	16 13	15 54	5 33			n.a.
M 5	21 11	24 23	2 11	25 15	1 53	24 36	1 58	15 53	2 35	12 17	1 27	23 35	0 49	6 58	0 45	6 51	1 54	32 57	9 34	16 15	15 55	5 30			n.a.
T 6	21 22	20 28	1 2	25 18	1 48	24 24	1 56	15 46	2 37	12 16	1 27	23 36	0 49	6 58	0 45	6 51	1 54	32 57	9 34	16 16	15 56	5 27			n.a.
W 7	21 34	15 22	0s12	25 18	1 43	24 12	1 54	15 40	2 38	12 14	1 27	23 36	0 49	6 57	0 45	6 51	1 54	32 57	9 34	16 16	15 57	5 23			n.a.
T 8	21 44	9 26	1 26	25 17	1 36	23 59	1 52	15 34	2 40	12 13	1 28	23 37	0 49	6 57	0 45	6 51	1 54	32 56	9 34	16 16	15 58	5 20			n.a.
F 9	21 55	3 2	2 34	25 13	1 29	23 45	1 49	15 27	2 41	12 12	1 28	23 37	0 49	6 57	0 45	6 50	1 54	32 56	9 34	16 16	15 59	5 17			n.a.
S 10	22 5	3s32	3 33	25 8	1 21	23 31	1 47	15 21	2 42	12 11	1 28	23 38	0 50	6 57	0 45	6 50	1 54	32 56	9 34	16 16	16 0	5 14			n.a.
S 11	22 14	9 55	4 20	25 0	1 11	23 16	1 44	15 15	2 44	12 10	1 29	23 38	0 50	6 57	0 45	6 50	1 54	32 56	9 34	16 18	16 1	5 10			n.a.
M12	22 24	15 48	4 50	24 51	1 1	23 1	1 41	15 9	2 45	12 9	1 29	23 39	0 50	6 57	0 45	6 50	1 54	32 56	9 34	16 20	16 2	5 7			n.a.
T 13	22 32	20 48	5 3	24 40	0 50	22 45	1 38	15 4	2 47	12 8	1 29	23 39	0 50	6 57	0 45	6 50	1 54	32 55	9 33	16 23	16 3	5 4			n.a.
W14	22 41	24 36	4 57	24 27	0 37	22 28	1 35	14 58	2 48	12 8	1 30	23 40	0 50	6 56	0 45	6 50	1 55	32 55	9 33	16 26	16 4	5 0			n.a.
T 15	22 48	26 56	4 35	24 13	0 24	22 11	1 32	14 52	2 50	12 7	1 30	23 41	0 50	6 56	0 45	6 49	1 55	32 55	9 33	16 29	16 5	4 57			n.a.
F 16	22 56	27 39	3 57	23 57	0 9	21 54	1 29	14 47	2 51	12 6	1 30	23 41	0 51	6 56	0 45	6 49	1 55	32 55	9 33	16 32	16 6	4 54			n.a.
S 17	23 3	26 46	3 8	23 41	0n 6	21 35	1 25	14 42	2 53	12 6	1 30	23 42	0 51	6 55	0 45	6 49	1 55	32 55	9 33	16 35	16 7	4 50			n.a.
S 18	23 9	24 29	2 10	23 23	0 23	21 17	1 22	14 36	2 55	12 5	1 31	23 42	0 51	6 55	0 45	6 49	1 55	32 54	9 33	16 37	16 8	4 47			n.a.
M19	23 15	21 4	1 7	23 5	0 40	20 57	1 18	14 31	2 56	12 5	1 31	23 43	0 51	6 55	0 45	6 49	1 55	32 54	9 33	16 38	16 9	4 44			n.a.
T 20	23 21	16 49	0 3	22 47	0 58	20 38	1 14	14 27	2 58	12 4	1 31	23 44	0 51	6 54	0 45	6 49	1 55	32 54	9 33	16 38	16 10	4 40			n.a.
W21	23 26	11 58	1n 1	22 28	1 17	20 17	1 10	14 22	2 59	12 4	1 32	23 44	0 51	6 54	0 45	6 49	1 55	32 54	9 33	16 38	16 11	4 37			n.a.
T 22	23 30	6 44	2 2	22 10	1 35	19 57	1 6	14 17	3 1	12 4	1 32	23 45	0 51	6 54	0 44	6 49	1 55	32 54	9 33	16 37	16 12	4 34			n.a.
F 23	23 34	1 17	2 57	21 52	1 54	19 36	1 2	14 13	3 3	12 4	1 32	23 46	0 52	6 53	0 44	6 49	1 55	32 53	9 33	16 37	16 13	4 30			n.a.
S 24	23 38	4n13	3 45	21 35	2 12	19 14	0 58	14 9	3 4	12 4	1 33	23 46	0 52	6 53	0 44	6 49	1 55	32 53	9 33	16 37	16 14	4 27			n.a.
S 25	23 41	9 37	4 24	21 19	2 29	18 52	0 53	14 4	3 6	12 4	1 33	23 47	0 52	6 52	0 44	6 49	1 55	32 53	9 33	16 38	16 15	4 24			n.a.
M26	23 44	14 46	4 51	21 4	2 46	18 30	0 49	14 1	3 7	12 4	1 33	23 48	0 52	6 52	0 44	6 49	1 55	32 53	9 33	16 39	16 16	4 21			n.a.
T 27	23 46	19 26	5 6	20 49	3 0	18 7	0 44	13 57	3 9	12 4	1 34	23 48	0 52	6 51	0 44	6 49	1 55	32 53	9 33	16 41	16 16	4 17			n.a.
W28	23 48	23 20	5 5	20 37	3 14	17 44	0 39	13 53	3 11	12 4	1 34	23 49	0 52	6 51	0 44	6 49	1 56	32 53	9 33	16 44	16 17	4 14			n.a.
T 29	23 49	26 9	4 49	20 25	3 24	17 21	0 34	13 50	3 12	12 4	1 34	23 49	0 52	6 50	0 44	6 49	1 56	32 52	9 33	16 46	16 18	4 11			n.a.
F 30	23 50	27 33	4 16	20 16	3 33	16 57	0 29	13 47	3 14	12 5	1 35	23 50	0 53	6 50	0 44	6 49	1 56	32 52	9 33	16 49	16 19	4 7			n.a.
S 31	23s50	27n17	3n27	20s 8	3n40	16s33	0s24	13n44	3n16	12n 5	1n35	23n51	0n53	6s49	0s44	6n49	1n56	32s52	9s33	16s51	16s20	4s 4			n.a.

Julian Day Number = 1292223.5, Delta T = 07h58m08s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'42, Lahiri = -20°10'42 Julian Calendar 1 Dec. 1176 BCE == Greg. Calendar 20 Nov. 1176 BCE

The year -1175 astronomical counting style corresponds to year 1176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

JANUARY 1175 BCE (-1174) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 53	0♉49'47	16♋ 8	25°R11	17♒26	2♍52	2°R53	14°R57	14♓40	17°R26	11♉12	14°R 6	15♒50	14♓19	n.a.	S 1
M 2	6 1 49	1°50'30	0♌23	24♐ 5	18°28	3° 4	2♍52	14♋52	14°42	17♍26	11°14	14♒ 3	15°47	14°25	n.a.	M 2
T 3	6 5 46	2°51'12	14°42	23° 3	19°30	3°14	2°51	14°48	14°43	17°26	11°16	14°D 3	15°44	14°32	n.a.	T 3
W 4	6 9 42	3°51'52	29° 3	22° 8	20°31	3°25	2°50	14°43	14°45	17°25	11°17	14° 3	15°40	14°39	n.a.	W 4
T 5	6 13 39	4°52'31	13♍20	21°20	21°32	3°34	2°49	14°38	14°46	17°25	11°19	14° 5	15°37	14°45	n.a.	T 5
F 6	6 17 35	5°53'09	27°33	20°40	22°32	3°43	2°47	14°34	14°48	17°25	11°21	14° 6	15°34	14°52	n.a.	F 6
S 7	6 21 32	6°53'45	11♎38	20° 8	23°32	3°52	2°46	14°29	14°50	17°25	11°23	14°R 6	15°31	14°59	n.a.	S 7
S 8	6 25 29	7°54'19	25°36	19°43	24°32	4° 0	2°44	14°24	14°51	17°24	11°24	14° 5	15°28	15° 5	n.a.	S 8
M 9	6 29 25	8°54'53	9♏24	19°26	25°31	4° 7	2°42	14°19	14°53	17°24	11°26	14° 2	15°24	15°12	n.a.	M 9
T 10	6 33 22	9°55'25	23° 2	19°17	26°29	4°13	2°40	14°14	14°55	17°24	11°28	13°57	15°21	15°19	n.a.	T 10
W11	6 37 18	10°55'55	6♐28	19°D15	27°27	4°19	2°37	14°10	14°57	17°23	11°30	13°52	15°18	15°25	n.a.	W11
T 12	6 41 15	11°56'24	19°42	19°20	28°24	4°25	2°35	14° 5	14°59	17°23	11°31	13°46	15°15	15°32	n.a.	T 12
F 13	6 45 11	12°56'51	2♑42	19°31	29°21	4°29	2°32	14° 0	15° 1	17°22	11°33	13°41	15°12	15°39	n.a.	F 13
S 14	6 49 8	13°57'17	15°27	19°49	0♓18	4°33	2°29	13°55	15° 3	17°22	11°35	13°37	15° 9	15°45	n.a.	S 14
S 15	6 53 4	14°57'40	27°58	20°12	1°13	4°36	2°26	13°50	15° 5	17°21	11°37	13°34	15° 5	15°52	n.a.	S 15
M16	6 57 1	15°58'02	10♒16	20°40	2° 9	4°39	2°23	13°46	15° 7	17°21	11°38	13°D33	15° 2	15°59	n.a.	M16
T 17	7 0 58	16°58'21	22°21	21°13	3° 3	4°40	2°19	13°41	15° 9	17°20	11°40	13°34	14°59	16° 5	n.a.	T 17
W18	7 4 54	17°58'39	4♓17	21°50	3°57	4°41	2°16	13°36	15°11	17°20	11°42	13°35	14°56	16°12	n.a.	W18
T 19	7 8 51	18°58'54	16° 8	22°32	4°50	4°R42	2°12	13°31	15°13	17°19	11°44	13°37	14°53	16°19	n.a.	T 19
F 20	7 12 47	19°59'07	27°56	23°18	5°43	4°41	2° 8	13°26	15°15	17°18	11°45	13°38	14°50	16°25	n.a.	F 20
S 21	7 16 44	20°59'18	9♈48	24° 7	6°34	4°40	2° 4	13°22	15°18	17°18	11°47	13°40	14°46	16°32	n.a.	S 21
S 22	7 20 40	21°59'26	21°47	24°59	7°25	4°38	1°59	13°17	15°20	17°17	11°49	13°R40	14°43	16°39	n.a.	S 22
M23	7 24 37	22°59'33	3♉59	25°55	8°16	4°36	1°55	13°12	15°22	17°16	11°50	13°40	14°40	16°45	n.a.	M23
T 24	7 28 33	23°59'37	16°28	26°53	9° 5	4°32	1°50	13° 7	15°25	17°15	11°52	13°38	14°37	16°52	n.a.	T 24
W25	7 32 30	24°59'39	29°17	27°54	9°54	4°28	1°45	13° 3	15°27	17°15	11°54	13°36	14°34	16°59	n.a.	W25
T 26	7 36 27	25°59'38	12♊31	28°58	10°41	4°23	1°40	12°58	15°30	17°14	11°56	13°34	14°30	17° 5	n.a.	T 26
F 27	7 40 23	26°59'36	26°10	0♉ 4	11°28	4°17	1°35	12°54	15°32	17°13	11°57	13°31	14°27	17°12	n.a.	F 27
S 28	7 44 20	27°59'31	10♋12	1°12	12°14	4°11	1°30	12°49	15°35	17°12	11°59	13°29	14°24	17°19	n.a.	S 28
S 29	7 48 16	28°59'24	24°35	2°22	12°59	4° 3	1°25	12°44	15°37	17°11	12° 1	13°28	14°21	17°25	n.a.	S 29
M30	7 52 13	29°59'14	9♌13	3°34	13°42	3°55	1°19	12°40	15°40	17°10	12° 2	13°D27	14°18	17°32	n.a.	M30
T 31	7 56 9	0♒59'03	23♌59	4♉48	14♓25	3♍47	1♍13	12♋35	15♓43	17♍ 9	12♉ 4	13♒27	14♒15	17♓39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s50	25n15	2n25	20s 1	3n44	16s 9	0s18	13n41	3n18	12n 6	1n35	23n51	0n53	6s49	0s44	6n49	1n56	32s52	9s33	16s52	16s21	4s 1			n.a.
M 2	23 49	21 36	1 13	19 57	3 45	15 45	0 13	13 38	3 19	12 6	1 36	23 52	0 53	6 48	0 44	6 49	1 56	32 52	9 33	16 53	16 22	3 57			n.a.
T 3	23 48	16 38	0s 4	19 55	3 45	15 20	0 7	13 36	3 21	12 7	1 36	23 53	0 53	6 47	0 44	6 49	1 56	32 52	9 33	16 53	16 23	3 54			n.a.
W 4	23 47	10 44	1 21	19 54	3 42	14 55	0 2	13 34	3 23	12 7	1 36	23 53	0 53	6 47	0 44	6 49	1 56	32 51	9 33	16 53	16 24	3 51			n.a.
T 5	23 45	4 19	2 32	19 56	3 38	14 30	0n 4	13 32	3 24	12 8	1 36	23 54	0 53	6 46	0 44	6 50	1 56	32 51	9 33	16 53	16 25	3 47			n.a.
F 6	23 42	2s17	3 35	19 59	3 32	14 4	0 10	13 30	3 26	12 9	1 37	23 55	0 53	6 45	0 44	6 50	1 56	32 51	9 33	16 52	16 26	3 44			n.a.
S 7	23 39	8 42	4 23	20 4	3 24	13 39	0 16	13 28	3 28	12 10	1 37	23 55	0 54	6 45	0 44	6 50	1 56	32 51	9 33	16 52	16 27	3 41			n.a.
S 8	23 36	14 37	4 55	20 10	3 16	13 13	0 22	13 27	3 30	12 11	1 37	23 56	0 54	6 44	0 44	6 50	1 56	32 51	9 33	16 53	16 28	3 37			n.a.
M 9	23 32	19 45	5 10	20 18	3 7	12 47	0 29	13 26	3 31	12 12	1 38	23 57	0 54	6 43	0 44	6 50	1 56	32 51	9 33	16 54	16 29	3 34			n.a.
T 10	23 27	23 47	5 8	20 28	2 57	12 21	0 35	13 25	3 33	12 13	1 38	23 57	0 54	6 42	0 44	6 50	1 56	32 51	9 33	16 55	16 30	3 31			n.a.
W11	23 23	26 28	4 48	20 38	2 46	11 54	0 42	13 24	3 35	12 14	1 38	23 58	0 54	6 42	0 44	6 51	1 56	32 51	9 33	16 56	16 31	3 28			n.a.
T 12	23 17	27 38	4 13	20 49	2 35	11 28	0 48	13 24	3 37	12 15	1 39	23 58	0 54	6 41	0 44	6 51	1 57	32 50	9 33	16 58	16 32	3 24			n.a.
F 13	23 12	27 14	3 25	21 2	2 24	11 2	0 55	13 24	3 38	12 17	1 39	23 59	0 54	6 40	0 44	6 51	1 57	32 50	9 33	17 0	16 33	3 21			n.a.
S 14	23 5	25 22	2 28	21 14	2 12	10 35	1 2	13 24	3 40	12 18	1 39	24 0	0 54	6 39	0 44	6 51	1 57	32 50	9 33	17 1	16 34	3 18			n.a.
S 15	22 59	22 17	1 24	21 28	2 1	10 8	1 9	13 25	3 42	12 19	1 39	24 0	0 54	6 38	0 44	6 52	1 57	32 50	9 33	17 1	16 35	3 14			n.a.
M16	22 52	18 15	0 18	21 41	1 49	9 42	1 16	13 25	3 43	12 21	1 40	24 1	0 55	6 38	0 44	6 52	1 57	32 50	9 34	17 2	16 36	3 11			n.a.
T 17	22 44	13 32	0n48	21 55	1 37	9 15	1 24	13 26	3 45	12 22	1 40	24 2	0 55	6 37	0 43	6 52	1 57	32 50	9 34	17 2	16 37	3 8			n.a.
W18	22 36	8 22	1 52	22 9	1 26	8 49	1 31	13 27	3 47	12 24	1 40	24 2	0 55	6 36	0 43	6 52	1 57	32 50	9 34	17 1	16 37	3 4			n.a.
T 19	22 28	2 57	2 50	22 23	1 14	8 22	1 39	13 29	3 49	12 26	1 41	24 3	0 55	6 35	0 43	6 53	1 57	32 50	9 34	17 1	16 38	3 1			n.a.
F 20	22 19	2n32	3 41	22 37	1 3	7 56	1 46	13 31	3 50	12 27	1 41	24 3	0 55	6 34	0 43	6 53	1 57	32 50	9 34	17 0	16 39	2 58			n.a.
S 21	22 10	7 57	4 22	22 50	0 52	7 29	1 54	13 32	3 52	12 29	1 41	24 4	0 55	6 33	0 43	6 53	1 57	32 50	9 34	17 0	16 40	2 54			n.a.
S 22	22 0	13 8	4 53	23 3	0 41	7 3	2 2	13 35	3 53	12 31	1 41	24 4	0 55	6 32	0 43	6 54	1 57	32 50	9 34	17 0	16 41	2 51			n.a.
M23	21 50	17 55	5 11	23 16	0 31	6 37	2 10	13 37	3 55	12 33	1 42	24 5	0 55	6 31	0 43	6 54	1 57	32 49	9 34	17 0	16 42	2 48			n.a.
T 24	21 40	22 3	5 15	23 27	0 20	6 10	2 18	13 40	3 57	12 35	1 42	24 6	0 55	6 30	0 43	6 55	1 57	32 49	9 34	17 0	16 43	2 44			n.a.
W25	21 29	25 16	5 4	23 39	0 10	5 44	2 26	13 43	3 58	12 37	1 42	24 6	0 55	6 29	0 43	6 55	1 57	32 49	9 34	17 1	16 44	2 41			n.a.
T 26	21 18	27 14	4 36	23 49	0 1	5 19	2 34	13 46	4 0	12 39	1 42	24 7	0 55	6 28	0 43	6 55	1 57	32 49	9 34	17 2	16 45	2 38			n.a.
F 27	21 6	27 39	3 53	23 59	0s 9	4 53	2 42	13 50	4 1	12 41	1 43	24 7	0 56	6 27	0 43	6 56	1 57	32 49	9 35	17 2	16 46	2 35			n.a.
S 28	20 54	26 19	2 54	24 8	0 18	4 28	2 51	13 54	4 3	12 43	1 43	24 8	0 56	6 26	0 43	6 56	1 58	32 49	9 35	17 3	16 47	2 31			n.a.
S 29	20 42	23 15	1 43	24 16	0 27	4 3	2 59	13 58	4 4	12 45	1 43	24 8	0 56	6 25	0 43	6 57	1 58	32 49	9 35	17 3	16 48	2 28			n.a.
M30	20 29	18 37	0 23	24 23	0 36	3 38	3 8	14 2	4 5	12 47	1 43	24 9	0 56	6 24	0 43	6 57	1 58	32 49	9 35	17 4	16 49	2 25			n.a.
T 31	20s16	12n50	0s58	24s29	0s44	3s13	3n16	14n 6	4n 7	12n50	1n44	24n 9	0n56	6s23	0s43	6n57	1n58	32s49	9s35	17s 4	16s50	2s21			n.a.

Julian Day Number = 1292254.5, Delta T = 07h58m06s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'38, Lahiri = -20°10'37 Julian Calendar 1 Jan. 1175 BCE == Greg. Calendar 21 Dec. 1176 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

FEBRUARY 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 0 6	1♒58'50	8♍48	6♉ 4	15♓ 7	3°R37	1°R 8	12°R31	15♓45	17°R 8	12♉ 6	13♒28	14♒11	17♓45	n.a.	W 1
T 2	8 4 2	2°58'34	23°30	7°22	15°47	3♍27	1♍ 2	12♋27	15°48	17♍ 7	12° 7	13°29	14° 8	17°52	n.a.	T 2
F 3	8 7 59	3°58'17	8♎ 2	8°41	16°26	3°15	0°56	12°22	15°51	17° 6	12° 9	13°30	14° 5	17°59	n.a.	F 3
S 4	8 11 55	4°57'58	22°18	10° 2	17° 4	3° 4	0°49	12°18	15°53	17° 5	12°11	13°30	14° 2	18° 5	n.a.	S 4
S 5	8 15 52	5°57'37	6♏18	11°24	17°41	2°51	0°43	12°14	15°56	17° 4	12°12	13°R30	13°59	18°12	n.a.	S 5
M 6	8 19 49	6°57'14	19°59	12°48	18°16	2°38	0°37	12°10	15°59	17° 3	12°14	13°30	13°56	18°19	n.a.	M 6
T 7	8 23 45	7°56'50	3♐23	14°14	18°50	2°23	0°30	12° 6	16° 2	17° 2	12°15	13°30	13°52	18°25	n.a.	T 7
W 8	8 27 42	8°56'23	16°30	15°40	19°23	2° 9	0°23	12° 2	16° 5	17° 0	12°17	13°29	13°49	18°32	n.a.	W 8
T 9	8 31 38	9°55'55	29°21	17° 9	19°54	1°53	0°17	11°58	16° 8	16°59	12°19	13°29	13°46	18°39	n.a.	T 9
F 10	8 35 35	10°55'25	11♑59	18°38	20°23	1°37	0°10	11°54	16°11	16°58	12°20	13°28	13°43	18°45	n.a.	F 10
S 11	8 39 31	11°54'52	24°25	20° 9	20°51	1°20	0° 3	11°50	16°13	16°57	12°22	13°28	13°40	18°52	n.a.	S 11
S 12	8 43 28	12°54'18	6♒40	21°42	21°18	1° 3	29♌56	11°46	16°16	16°55	12°23	13°28	13°36	18°59	n.a.	S 12
M13	8 47 24	13°53'41	18°45	23°15	21°42	0°44	29°49	11°42	16°19	16°54	12°25	13°28	13°33	19° 5	n.a.	M13
T 14	8 51 21	14°53'02	0♓43	24°51	22° 5	0°26	29°42	11°39	16°22	16°53	12°26	13°28	13°30	19°12	n.a.	T 14
W15	8 55 18	15°52'20	12°35	26°27	22°26	0° 7	29°34	11°35	16°26	16°52	12°28	13°28	13°27	19°19	n.a.	W15
T 16	8 59 14	16°51'37	24°25	28° 5	22°45	29♌47	29°27	11°32	16°29	16°50	12°29	13°28	13°24	19°25	n.a.	T 16
F 17	9 3 11	17°50'51	6♈14	29°44	23° 2	29°27	29°20	11°28	16°32	16°49	12°31	13°27	13°21	19°32	n.a.	F 17
S 18	9 7 7	18°50'02	18° 6	1♒24	23°17	29° 6	29°12	11°25	16°35	16°47	12°32	13°26	13°17	19°39	n.a.	S 18
S 19	9 11 4	19°49'11	0♉ 5	3° 6	23°30	28°45	29° 5	11°22	16°38	16°46	12°34	13°26	13°14	19°45	n.a.	S 19
M20	9 15 0	20°48'18	12°15	4°49	23°40	28°23	28°57	11°18	16°41	16°45	12°35	13°25	13°11	19°52	n.a.	M20
T 21	9 18 57	21°47'23	24°40	6°34	23°49	28° 2	28°50	11°15	16°44	16°43	12°37	13°D25	13° 8	19°59	n.a.	T 21
W22	9 22 53	22°46'25	7♊25	8°20	23°55	27°40	28°42	11°12	16°47	16°42	12°38	13°26	13° 5	20° 5	n.a.	W22
T 23	9 26 50	23°45'24	20°33	10° 7	23°59	27°17	28°34	11° 9	16°51	16°40	12°39	13°26	13° 2	20°12	n.a.	T 23
F 24	9 30 46	24°44'21	4♋ 7	11°56	24°R 0	26°55	28°27	11° 7	16°54	16°39	12°41	13°27	12°58	20°19	n.a.	F 24
S 25	9 34 43	25°43'16	18° 8	13°46	23°59	26°32	28°19	11° 4	16°57	16°37	12°42	13°28	12°55	20°25	n.a.	S 25
S 26	9 38 40	26°42'08	2♌35	15°38	23°56	26°10	28°11	11° 1	17° 0	16°36	12°44	13°29	12°52	20°32	n.a.	S 26
M27	9 42 36	27°40'58	17°23	17°31	23°50	25°47	28° 4	10°59	17° 4	16°34	12°45	13°R29	12°49	20°39	n.a.	M27
T 28	9 46 33	28♒39'46	2♍26	19♒25	23♓42	25♌24	27♌56	10♋56	17♓ 7	16♍33	12♉46	13♒28	12♒46	20♓45	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s 3	6n19	2s16	24s33	0s52	2s49	3n25	14n11	4n 8	12n52	1n44	24n10	0n56	6s22	0s43	6n58	1n58	32s49	9s35	17s 3	16s51	2s18		n.a.	W 1
T 2	19 49	0s30	3 24	24 37	0 59	2 25	3 34	14 16	4 9	12 54	1 44	24 10	0 56	6 21	0 43	6 58	1 58	32 49	9 35	17 3	16 52	2 15		n.a.	T 2
F 3	19 35	7 11	4 19	24 39	1 7	2 1	3 43	14 21	4 10	12 57	1 44	24 11	0 56	6 20	0 43	6 59	1 58	32 49	9 35	17 3	16 53	2 11		n.a.	F 3
S 4	19 20	13 23	4 56	24 40	1 13	1 38	3 52	14 27	4 12	12 59	1 44	24 11	0 56	6 19	0 43	6 59	1 58	32 49	9 36	17 3	16 53	2 8		n.a.	S 4
S 5	19 6	18 47	5 15	24 40	1 20	1 16	4 1	14 33	4 13	13 2	1 45	24 12	0 56	6 18	0 43	7 0	1 58	32 49	9 36	17 3	16 54	2 5		n.a.	S 5
M 6	18 50	23 5	5 15	24 38	1 26	0 53	4 10	14 38	4 14	13 4	1 45	24 12	0 56	6 16	0 43	7 0	1 58	32 49	9 36	17 3	16 55	2 1		n.a.	M 6
T 7	18 35	26 3	4 58	24 35	1 32	0 31	4 19	14 44	4 15	13 7	1 45	24 13	0 56	6 15	0 43	7 1	1 58	32 49	9 36	17 3	16 56	1 58		n.a.	T 7
W 8	18 19	27 33	4 26	24 31	1 37	0 10	4 28	14 51	4 15	13 9	1 45	24 13	0 56	6 14	0 43	7 1	1 58	32 49	9 36	17 3	16 57	1 55		n.a.	W 8
T 9	18 3	27 31	3 41	24 24	1 42	0n11	4 37	14 57	4 16	13 12	1 45	24 13	0 56	6 13	0 43	7 2	1 58	32 49	9 36	17 3	16 58	1 52		n.a.	T 9
F 10	17 47	26 3	2 46	24 17	1 47	0 31	4 47	15 4	4 17	13 14	1 45	24 14	0 56	6 12	0 43	7 2	1 58	32 49	9 37	17 3	16 59	1 48		n.a.	F 10
S 11	17 30	23 18	1 44	24 8	1 51	0 50	4 56	15 11	4 18	13 17	1 46	24 14	0 56	6 11	0 43	7 3	1 58	32 49	9 37	17 3	17 0	1 45		n.a.	S 11
S 12	17 13	19 31	0 38	23 57	1 55	1 9	5 5	15 18	4 18	13 20	1 46	24 15	0 56	6 9	0 43	7 3	1 58	32 49	9 37	17 3	17 1	1 42		n.a.	S 12
M13	16 56	14 59	0n29	23 44	1 59	1 27	5 14	15 25	4 19	13 22	1 46	24 15	0 57	6 8	0 43	7 4	1 58	32 49	9 37	17 3	17 2	1 38		n.a.	M13
T 14	16 38	9 56	1 34	23 30	2 2	1 45	5 23	15 32	4 19	13 25	1 46	24 15	0 57	6 7	0 43	7 5	1 58	32 49	9 37	17 3	17 3	1 35		n.a.	T 14
W15	16 21	4 34	2 35	23 15	2 4	2 2	5 33	15 39	4 19	13 28	1 46	24 16	0 57	6 6	0 43	7 5	1 58	32 49	9 37	17 3	17 4	1 32		n.a.	W15
T 16	16 2	0n55	3 28	22 57	2 6	2 18	5 42	15 46	4 19	13 30	1 46	24 16	0 57	6 5	0 43	7 6	1 58	32 49	9 38	17 3	17 5	1 28		n.a.	T 16
F 17	15 44	6 22	4 13	22 38	2 8	2 33	5 51	15 54	4 19	13 33	1 46	24 16	0 57	6 3	0 43	7 6	1 59	32 49	9 38	17 4	17 6	1 25		n.a.	F 17
S 18	15 26	11 37	4 47	22 17	2 9	2 47	6 0	16 1	4 19	13 36	1 47	24 17	0 57	6 2	0 43	7 7	1 59	32 49	9 38	17 4	17 6	1 22		n.a.	S 18
S 19	15 7	16 29	5 9	21 54	2 10	3 0	6 9	16 8	4 19	13 39	1 47	24 17	0 57	6 1	0 43	7 7	1 59	32 49	9 38	17 4	17 7	1 18		n.a.	S 19
M20	14 48	20 47	5 17	21 29	2 10	3 12	6 17	16 16	4 19	13 42	1 47	24 17	0 57	6 0	0 43	7 8	1 59	32 49	9 38	17 4	17 8	1 15		n.a.	M20
T 21	14 29	24 16	5 11	21 2	2 10	3 23	6 26	16 23	4 19	13 44	1 47	24 18	0 57	5 58	0 43	7 9	1 59	32 49	9 39	17 4	17 9	1 12		n.a.	T 21
W22	14 9	26 40	4 50	20 34	2 9	3 34	6 34	16 31	4 18	13 47	1 47	24 18	0 57	5 57	0 43	7 9	1 59	32 49	9 39	17 4	17 10	1 9		n.a.	W22
T 23	13 49	27 42	4 13	20 3	2 8	3 43	6 42	16 38	4 18	13 50	1 47	24 18	0 57	5 56	0 43	7 10	1 59	32 50	9 39	17 4	17 11	1 5		n.a.	T 23
F 24	13 29	27 7	3 21	19 31	2 7	3 50	6 50	16 45	4 17	13 53	1 47	24 18	0 57	5 54	0 42	7 10	1 59	32 50	9 39	17 4	17 12	1 2		n.a.	F 24
S 25	13 9	24 50	2 16	18 57	2 4	3 57	6 58	16 53	4 16	13 55	1 47	24 19	0 57	5 53	0 42	7 11	1 59	32 50	9 40	17 3	17 13	0 59		n.a.	S 25
S 26	12 49	20 53	1 0	18 21	2 2	4 2	7 5	17 0	4 15	13 58	1 47	24 19	0 57	5 52	0 42	7 12	1 59	32 50	9 40	17 3	17 14	0 55		n.a.	S 26
M27	12 29	15 32	0s22	17 43	1 58	4 6	7 12	17 7	4 14	14 1	1 47	24 19	0 57	5 50	0 42	7 12	1 59	32 50	9 40	17 3	17 15	0 52		n.a.	M27
T 28	12s 8	9n11	1s43	17s 3	1s55	4n 9	7n18	17n14	4n13	14n 4	1n47	24n19	0n57	5s49	0s42	7n13	1n59	32s50	9s40	17s 3	17s16	0s49		n.a.	T 28

Julian Day Number = 1292285.5, Delta T = 07h58m05s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'34, Lahiri = -20°10'33 Julian Calendar 1 Feb. 1175 BCE == Greg. Calendar 21 Jan. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

MARCH 1175 BCE (-1174) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 50 29	29♒38'32	17♍35	21♒21	23°R31	25°R 1	27°R48	10°R54	17♓10	16°R31	12♉47	13°R27	12♒42	20♓52	n.a.	W 1
T 2	9 54 26	0♓37'15	2♎41	23°19	23♓17	24♌38	27♌40	10♋52	17°14	16♍30	12°49	13♒25	12°39	20°59	n.a.	T 2
F 3	9 58 22	1°35'57	17°34	25°17	23° 1	24°16	27°33	10°49	17°17	16°28	12°50	13°23	12°36	21° 5	n.a.	F 3
S 4	10 2 19	2°34'36	2♏ 9	27°17	22°43	23°53	27°25	10°47	17°20	16°27	12°51	13°21	12°33	21°12	n.a.	S 4
S 5	10 6 15	3°33'14	16°20	29°19	22°23	23°31	27°17	10°45	17°24	16°25	12°52	13°19	12°30	21°19	n.a.	S 5
M 6	10 10 12	4°31'51	0♐ 6	1♓21	22° 0	23° 9	27°10	10°43	17°27	16°23	12°54	13°D18	12°27	21°25	n.a.	M 6
T 7	10 14 9	5°30'25	13°27	3°25	21°35	22°47	27° 2	10°42	17°30	16°22	12°55	13°18	12°23	21°32	n.a.	T 7
W 8	10 18 5	6°28'58	26°26	5°29	21° 7	22°25	26°55	10°40	17°34	16°20	12°56	13°19	12°20	21°39	n.a.	W 8
T 9	10 22 2	7°27'29	9♑ 5	7°35	20°38	22° 4	26°47	10°38	17°37	16°19	12°57	13°21	12°17	21°45	n.a.	T 9
F 10	10 25 58	8°25'58	21°28	9°41	20° 8	21°43	26°40	10°37	17°40	16°17	12°58	13°23	12°14	21°52	n.a.	F 10
S 11	10 29 55	9°24'25	3♒40	11°48	19°35	21°23	26°32	10°35	17°44	16°15	12°59	13°24	12°11	21°59	n.a.	S 11
S 12	10 33 51	10°22'51	15°41	13°55	19° 1	21° 3	26°25	10°34	17°47	16°14	13° 0	13°R24	12° 8	22° 6	n.a.	S 12
M13	10 37 48	11°21'14	27°37	16° 3	18°26	20°44	26°18	10°33	17°51	16°12	13° 1	13°23	12° 4	22°12	n.a.	M13
T 14	10 41 44	12°19'35	9♓28	18°10	17°50	20°25	26°11	10°32	17°54	16°11	13° 2	13°21	12° 1	22°19	n.a.	T 14
W15	10 45 41	13°17'55	21°17	20°16	17°12	20° 7	26° 3	10°31	17°58	16° 9	13° 4	13°17	11°58	22°26	n.a.	W15
T 16	10 49 37	14°16'12	3♈ 7	22°22	16°35	19°49	25°56	10°30	18° 1	16° 7	13° 4	13°12	11°55	22°32	n.a.	T 16
F 17	10 53 34	15°14'28	14°58	24°27	15°57	19°32	25°49	10°29	18° 4	16° 6	13° 5	13° 6	11°52	22°39	n.a.	F 17
S 18	10 57 31	16°12'41	26°54	26°31	15°19	19°16	25°43	10°29	18° 8	16° 4	13° 6	13° 1	11°48	22°46	n.a.	S 18
S 19	11 1 27	17°10'53	8♉56	28°33	14°41	19° 0	25°36	10°28	18°11	16° 2	13° 7	12°55	11°45	22°52	n.a.	S 19
M20	11 5 24	18° 9'02	21° 8	0♈32	14° 3	18°45	25°29	10°28	18°15	16° 1	13° 8	12°51	11°42	22°59	n.a.	M20
T 21	11 9 20	19° 7'10	3♊33	2°30	13°26	18°31	25°23	10°27	18°18	15°59	13° 9	12°48	11°39	23° 6	n.a.	T 21
W22	11 13 17	20° 5'15	16°14	4°25	12°50	18°18	25°16	10°27	18°22	15°57	13°10	12°D47	11°36	23°12	n.a.	W22
T 23	11 17 13	21° 3'18	29°16	6°17	12°15	18° 5	25°10	10°27	18°25	15°56	13°11	12°47	11°33	23°19	n.a.	T 23
F 24	11 21 10	22° 1'19	12♋42	8° 6	11°41	17°53	25° 3	10°D27	18°28	15°54	13°12	12°48	11°29	23°26	n.a.	F 24
S 25	11 25 6	22°59'18	26°33	9°52	11° 9	17°42	24°57	10°27	18°32	15°53	13°12	12°50	11°26	23°32	n.a.	S 25
S 26	11 29 3	23°57'15	10♌51	11°34	10°39	17°32	24°51	10°27	18°35	15°51	13°13	12°R50	11°23	23°39	n.a.	S 26
M27	11 33 0	24°55'10	25°34	13°13	10°10	17°22	24°46	10°27	18°39	15°49	13°14	12°50	11°20	23°46	n.a.	M27
T 28	11 36 56	25°53'03	10♍37	14°48	9°43	17°13	24°40	10°28	18°42	15°48	13°15	12°47	11°17	23°52	n.a.	T 28
W29	11 40 53	26°50'54	25°52	16°20	9°19	17° 5	24°34	10°28	18°46	15°46	13°15	12°43	11°13	23°59	n.a.	W29
T 30	11 44 49	27°48'44	11♎ 8	17°48	8°56	16°58	24°29	10°29	18°49	15°45	13°16	12°37	11°10	24° 6	n.a.	T 30
F 31	11 48 46	28♓46'32	26♎16	19♈11	8♓36	16♌52	24♌23	10♋30	18♓52	15♍43	13♉17	12♒30	11♒ 7	24♓12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s47	2n16	2s58	16s21	1s50	4n10	7n25	17n21	4n12	14n 6	1n47	24n20	0n57	5s48	0s42	7n14	1n59	32s50	9s40	17s 4	17s17	0s45			n.a.
T 2	11 26	4s44	4 0	15 38	1 45	4 10	7 30	17 27	4 11	14 9	1 47	24 20	0 57	5 47	0 42	7 14	1 59	32 50	9 41	17 4	17 17	0 42			n.a.
F 3	11 5	11 22	4 44	14 52	1 40	4 8	7 35	17 34	4 9	14 12	1 47	24 20	0 57	5 45	0 42	7 15	1 59	32 50	9 41	17 5	17 18	0 39			n.a.
S 4	10 44	17 15	5 10	14 5	1 34	4 5	7 40	17 40	4 8	14 15	1 47	24 20	0 57	5 44	0 42	7 15	1 59	32 50	9 41	17 5	17 19	0 36			n.a.
S 5	10 22	22 1	5 15	13 16	1 27	4 1	7 44	17 46	4 6	14 17	1 47	24 20	0 57	5 43	0 42	7 16	1 59	32 50	9 41	17 6	17 20	0 32			n.a.
M 6	10 0	25 25	5 2	12 25	1 20	3 55	7 47	17 52	4 5	14 20	1 47	24 21	0 57	5 41	0 42	7 17	1 59	32 51	9 42	17 6	17 21	0 29			n.a.
T 7	9 39	27 18	4 33	11 33	1 13	3 47	7 50	17 58	4 3	14 23	1 47	24 21	0 57	5 40	0 42	7 17	1 59	32 51	9 42	17 6	17 22	0 26			n.a.
W 8	9 17	27 38	3 51	10 39	1 4	3 38	7 52	18 3	4 1	14 25	1 47	24 21	0 57	5 38	0 42	7 18	1 59	32 51	9 42	17 6	17 23	0 22			n.a.
T 9	8 55	26 29	2 58	9 43	0 56	3 27	7 53	18 8	3 59	14 28	1 47	24 21	0 57	5 37	0 42	7 19	1 59	32 51	9 42	17 5	17 24	0 19			n.a.
F 10	8 33	24 2	1 58	8 47	0 47	3 16	7 53	18 13	3 57	14 30	1 47	24 21	0 57	5 36	0 42	7 19	1 59	32 51	9 43	17 5	17 25	0 16			n.a.
S 11	8 10	20 31	0 53	7 49	0 37	3 2	7 53	18 18	3 55	14 33	1 47	24 21	0 57	5 34	0 42	7 20	1 59	32 51	9 43	17 5	17 26	0 13			n.a.
S 12	7 48	16 12	0n13	6 50	0 27	2 48	7 52	18 23	3 52	14 35	1 47	24 21	0 57	5 33	0 42	7 21	1 59	32 51	9 43	17 4	17 26	0 9			n.a.
M13	7 25	11 18	1 17	5 51	0 17	2 32	7 49	18 27	3 50	14 38	1 47	24 21	0 57	5 32	0 42	7 21	1 59	32 52	9 43	17 5	17 27	0 6			n.a.
T 14	7 3	6 1	2 18	4 51	0 6	2 15	7 46	18 31	3 48	14 40	1 47	24 21	0 57	5 30	0 42	7 22	1 59	32 52	9 44	17 5	17 28	0 3			n.a.
W15	6 40	0 34	3 13	3 51	0n 5	1 57	7 42	18 34	3 45	14 43	1 47	24 22	0 57	5 29	0 42	7 23	1 59	32 52	9 44	17 7	17 29	0n 1			n.a.
T 16	6 17	4n54	3 59	2 50	0 16	1 38	7 38	18 38	3 43	14 45	1 47	24 22	0 57	5 28	0 42	7 23	1 59	32 52	9 44	17 8	17 30	0 4			n.a.
F 17	5 55	10 12	4 35	1 50	0 27	1 18	7 32	18 41	3 40	14 47	1 47	24 22	0 57	5 26	0 42	7 24	1 59	32 52	9 45	17 10	17 31	0 7			n.a.
S 18	5 32	15 10	4 59	0 50	0 38	0 57	7 26	18 44	3 38	14 50	1 46	24 22	0 57	5 25	0 42	7 25	1 59	32 52	9 45	17 11	17 32	0 10			n.a.
S 19	5 9	19 36	5 11	0n10	0 49	0 36	7 18	18 46	3 35	14 52	1 46	24 22	0 57	5 23	0 42	7 25	1 59	32 53	9 45	17 13	17 33	0 14			n.a.
M20	4 46	23 17	5 8	1 8	1 0	0 14	7 10	18 48	3 32	14 54	1 46	24 22	0 57	5 22	0 42	7 26	1 59	32 53	9 45	17 14	17 34	0 17			n.a.
T 21	4 22	25 58	4 51	2 5	1 11	0s 8	7 2	18 50	3 29	14 56	1 46	24 22	0 57	5 21	0 42	7 27	1 59	32 53	9 46	17 15	17 35	0 20			n.a.
W22	3 59	27 25	4 20	3 1	1 21	0 31	6 52	18 52	3 27	14 58	1 46	24 22	0 57	5 19	0 42	7 27	1 59	32 53	9 46	17 15	17 35	0 24			n.a.
T 23	3 36	27 25	3 35	3 56	1 31	0 54	6 42	18 53	3 24	15 0	1 46	24 22	0 57	5 18	0 42	7 28	1 59	32 53	9 46	17 15	17 36	0 27			n.a.
F 24	3 13	25 49	2 36	4 48	1 41	1 17	6 31	18 54	3 21	15 2	1 46	24 22	0 57	5 17	0 42	7 28	1 59	32 53	9 47	17 15	17 37	0 30			n.a.
S 25	2 50	22 37	1 27	5 39	1 50	1 39	6 20	18 55	3 18	15 4	1 46	24 22	0 57	5 15	0 42	7 29	1 59	32 54	9 47	17 14	17 38	0 33			n.a.
S 26	2 26	17 58	0 11	6 28	1 59	2 2	6 8	18 55	3 15	15 6	1 45	24 22	0 57	5 14	0 42	7 30	1 59	32 54	9 47	17 14	17 39	0 37			n.a.
M27	2 3	12 8	1s 9	7 15	2 7	2 24	5 56	18 56	3 12	15 8	1 45	24 22	0 57	5 13	0 42	7 30	1 59	32 54	9 47	17 14	17 40	0 40			n.a.
T 28	1 40	5 29	2 25	7 59	2 14	2 46	5 43	18 56	3 9	15 10	1 45	24 22	0 57	5 11	0 42	7 31	1 59	32 54	9 48	17 15	17 41	0 43			n.a.
W29	1 16	1s33	3 32	8 41	2 21	3 7	5 31	18 55	3 6	15 12	1 45	24 22	0 57	5 10	0 42	7 32	1 59	32 55	9 48	17 16	17 42	0 47			n.a.
T 30	0 53	8 30	4 23	9 21	2 27	3 27	5 18	18 55	3 3	15 13	1 45	24 22	0 57	5 9	0 42	7 32	1 59	32 55	9 48	17 18	17 43	0 50			n.a.
F 31	0s30	14s53	4s56	9n58	2n32	3s47	5n 4	18n54	3n 0	15n15	1n45	24n22	0n57	5s 7	0s42	7n33	1n59	32s55	9s49	17s20	17s43	0n53			n.a.

Julian Day Number = 1292313.5, Delta T = 07h58m03s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'30, Lahiri = -20°10'29 Julian Calendar 1 March 1175 BCE == Greg. Calendar 18 Feb. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

APRIL 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 42	29♓44'18	11♏ 5	20♈31	8°R18	16°R46	24°R18	10♋30	18♓56	15°R41	13♉17	12°R24	11♒ 4	24♓19	n.a.	S 1
S 2	11 56 39	0♈42'04	25°29	21°47	8♓ 3	16♌41	24♌13	10°31	18°59	15♍40	13°18	12♒18	11° 1	24°26	n.a.	S 2
M 3	12 0 35	1°39'48	9♐24	22°58	7°50	16°37	24° 8	10°32	19° 2	15°38	13°18	12°14	10°58	24°32	n.a.	M 3
T 4	12 4 32	2°37'30	22°50	24° 5	7°40	16°34	24° 3	10°34	19° 6	15°37	13°19	12°11	10°54	24°39	n.a.	T 4
W 5	12 8 28	3°35'12	5♑49	25° 8	7°32	16°32	23°59	10°35	19° 9	15°35	13°20	12°D11	10°51	24°46	n.a.	W 5
T 6	12 12 25	4°32'52	18°25	26° 7	7°26	16°30	23°54	10°36	19°13	15°34	13°20	12°12	10°48	24°53	n.a.	T 6
F 7	12 16 22	5°30'31	0♒43	27° 1	7°23	16°30	23°50	10°37	19°16	15°32	13°21	12°13	10°45	24°59	n.a.	F 7
S 8	12 20 18	6°28'09	12°47	27°51	7°D22	16°D30	23°46	10°39	19°19	15°31	13°21	12°R13	10°42	25° 6	n.a.	S 8
S 9	12 24 15	7°25'46	24°42	28°37	7°24	16°30	23°42	10°41	19°22	15°29	13°21	12°12	10°39	25°13	n.a.	S 9
M10	12 28 11	8°23'21	6♓32	29°17	7°28	16°32	23°38	10°42	19°26	15°28	13°22	12° 9	10°35	25°19	n.a.	M10
T 11	12 32 8	9°20'55	18°21	29°54	7°34	16°34	23°35	10°44	19°29	15°26	13°22	12° 4	10°32	25°26	n.a.	T 11
W12	12 36 4	10°18'28	0♈10	0♉25	7°42	16°37	23°31	10°46	19°32	15°25	13°22	11°56	10°29	25°33	n.a.	W12
T 13	12 40 1	11°15'59	12° 2	0°52	7°52	16°41	23°28	10°48	19°36	15°23	13°23	11°46	10°26	25°39	n.a.	T 13
F 14	12 43 57	12°13'30	23°59	1°14	8° 5	16°46	23°25	10°50	19°39	15°22	13°23	11°35	10°23	25°46	n.a.	F 14
S 15	12 47 54	13°10'59	6♉ 2	1°31	8°19	16°51	23°22	10°53	19°42	15°21	13°23	11°24	10°19	25°53	n.a.	S 15
S 16	12 51 51	14° 8'26	18°12	1°43	8°36	16°57	23°19	10°55	19°45	15°19	13°24	11°13	10°16	25°59	n.a.	S 16
M17	12 55 47	15° 5'53	0♊32	1°51	8°54	17° 3	23°16	10°57	19°48	15°18	13°24	11° 4	10°13	26° 6	n.a.	M17
T 18	12 59 44	16° 3'18	13° 3	1°R54	9°14	17°11	23°14	11° 0	19°52	15°16	13°24	10°57	10°10	26°13	n.a.	T 18
W19	13 3 40	17° 0'42	25°47	1°52	9°36	17°19	23°12	11° 2	19°55	15°15	13°24	10°53	10° 7	26°19	n.a.	W19
T 20	13 7 37	17°58'04	8♋48	1°46	10° 0	17°28	23°10	11° 5	19°58	15°14	13°24	10°51	10° 4	26°26	n.a.	T 20
F 21	13 11 33	18°55'25	22° 8	1°36	10°25	17°37	23° 8	11° 8	20° 1	15°12	13°24	10°D51	10° 0	26°33	n.a.	F 21
S 22	13 15 30	19°52'45	5♌51	1°21	10°52	17°47	23° 6	11°11	20° 4	15°11	13°25	10°R51	9°57	26°40	n.a.	S 22
S 23	13 19 26	20°50'04	19°57	1° 2	11°21	17°58	23° 4	11°14	20° 7	15°10	13°25	10°51	9°54	26°46	n.a.	S 23
M24	13 23 23	21°47'21	4♍26	0°40	11°50	18° 9	23° 3	11°17	20°10	15° 9	13°25	10°49	9°51	26°53	n.a.	M24
T 25	13 27 20	22°44'36	19°16	0°15	12°22	18°21	23° 2	11°20	20°13	15° 7	13°R25	10°45	9°48	27° 0	n.a.	T 25
W26	13 31 16	23°41'51	4♎20	29♈47	12°54	18°34	23° 1	11°23	20°16	15° 6	13°25	10°38	9°44	27° 6	n.a.	W26
T 27	13 35 13	24°39'05	19°30	29°17	13°28	18°47	23° 0	11°27	20°19	15° 5	13°25	10°29	9°41	27°13	n.a.	T 27
F 28	13 39 9	25°36'18	4♏36	28°46	14° 4	19° 1	22°59	11°30	20°22	15° 4	13°25	10°19	9°38	27°20	n.a.	F 28
S 29	13 43 6	26°33'30	19°28	28°13	14°40	19°15	22°59	11°34	20°25	15° 3	13°25	10° 9	9°35	27°26	n.a.	S 29
S 30	13 47 2	27♈30'42	3♐56	27♈39	15♓18	19♌30	22♌59	11♋37	20♓28	15♍ 2	13♉24	9♒59	9♒32	27♓33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 6	20s16	5s 8	10n33	2n36	4s 6	4n51	18n53	2n57	15n17	1n44	24n22	0n57	5s 6	0s42	7n33	1n59	32s55	9s49	17s22	17s44	0n56		n.a.
S 2	0n17	24 18	5 0	11 5	2 40	4 24	4 37	18 51	2 54	15 18	1 44	24 21	0 57	5 4	0 42	7 34	1 59	32 55	9 49	17 24	17 45	1 0		n.a.
M 3	0 40	26 45	4 34	11 35	2 43	4 42	4 24	18 50	2 51	15 20	1 44	24 21	0 57	5 3	0 42	7 35	1 59	32 56	9 50	17 25	17 46	1 3		n.a.
T 4	1 4	27 32	3 54	12 2	2 45	4 58	4 10	18 48	2 48	15 21	1 44	24 21	0 57	5 2	0 42	7 35	1 59	32 56	9 50	17 25	17 47	1 6		n.a.
W 5	1 27	26 45	3 3	12 27	2 46	5 14	3 57	18 46	2 45	15 22	1 44	24 21	0 57	5 0	0 42	7 36	1 59	32 56	9 50	17 25	17 48	1 9		n.a.
T 6	1 50	24 36	2 5	12 49	2 46	5 28	3 43	18 44	2 42	15 24	1 43	24 21	0 57	4 59	0 42	7 36	1 59	32 56	9 50	17 25	17 49	1 13		n.a.
F 7	2 13	21 20	1 2	13 8	2 45	5 42	3 30	18 41	2 39	15 25	1 43	24 21	0 57	4 58	0 42	7 37	1 59	32 57	9 51	17 25	17 50	1 16		n.a.
S 8	2 37	17 12	0n 3	13 25	2 43	5 54	3 17	18 38	2 36	15 26	1 43	24 21	0 57	4 56	0 42	7 38	1 59	32 57	9 51	17 25	17 51	1 19		n.a.
S 9	3 0	12 27	1 7	13 39	2 40	6 6	3 4	18 35	2 34	15 27	1 43	24 21	0 57	4 55	0 42	7 38	1 59	32 57	9 51	17 25	17 51	1 23		n.a.
M10	3 23	7 18	2 7	13 50	2 36	6 16	2 51	18 32	2 31	15 28	1 43	24 20	0 57	4 54	0 42	7 39	1 59	32 57	9 52	17 26	17 52	1 26		n.a.
T 11	3 46	1 55	3 1	13 58	2 31	6 26	2 38	18 28	2 28	15 29	1 42	24 20	0 57	4 53	0 42	7 39	1 59	32 58	9 52	17 27	17 53	1 29		n.a.
W12	4 9	3n32	3 47	14 4	2 25	6 34	2 26	18 25	2 25	15 30	1 42	24 20	0 57	4 51	0 42	7 40	1 59	32 58	9 52	17 30	17 54	1 32		n.a.
T 13	4 32	8 52	4 24	14 7	2 18	6 41	2 14	18 21	2 22	15 31	1 42	24 20	0 57	4 50	0 42	7 40	1 59	32 58	9 53	17 32	17 55	1 36		n.a.
F 14	4 55	13 55	4 49	14 8	2 11	6 48	2 2	18 17	2 19	15 32	1 42	24 20	0 57	4 49	0 42	7 41	1 59	32 59	9 53	17 36	17 56	1 39		n.a.
S 15	5 17	18 29	5 2	14 5	2 2	6 53	1 50	18 12	2 16	15 33	1 41	24 20	0 57	4 47	0 42	7 41	1 59	32 59	9 53	17 39	17 57	1 42		n.a.
S 16	5 40	22 20	5 1	14 1	1 52	6 58	1 39	18 8	2 13	15 34	1 41	24 19	0 57	4 46	0 42	7 42	1 59	32 59	9 54	17 42	17 58	1 45		n.a.
M17	6 3	25 15	4 46	13 53	1 41	7 1	1 28	18 3	2 11	15 34	1 41	24 19	0 57	4 45	0 42	7 42	1 59	32 59	9 54	17 44	17 58	1 49		n.a.
T 18	6 25	27 0	4 18	13 43	1 29	7 3	1 17	17 58	2 8	15 35	1 41	24 19	0 57	4 44	0 42	7 43	1 59	33 0	9 54	17 46	17 59	1 52		n.a.
W19	6 47	27 22	3 36	13 30	1 16	7 5	1 6	17 53	2 5	15 35	1 40	24 19	0 57	4 42	0 42	7 43	1 59	33 0	9 54	17 47	18 0	1 55		n.a.
T 20	7 10	26 14	2 42	13 15	1 2	7 5	0 56	17 48	2 2	15 36	1 40	24 18	0 57	4 41	0 42	7 44	1 59	33 0	9 55	17 48	18 1	1 58		n.a.
F 21	7 32	23 35	1 38	12 58	0 48	7 5	0 45	17 42	2 0	15 36	1 40	24 18	0 57	4 40	0 42	7 44	1 59	33 1	9 55	17 48	18 2	2 2		n.a.
S 22	7 54	19 33	0 27	12 39	0 33	7 4	0 36	17 36	1 57	15 37	1 40	24 18	0 57	4 39	0 42	7 45	1 59	33 1	9 55	17 48	18 3	2 5		n.a.
S 23	8 16	14 19	0s48	12 17	0 17	7 2	0 26	17 31	1 54	15 37	1 39	24 18	0 57	4 37	0 42	7 45	1 59	33 1	9 56	17 48	18 4	2 8		n.a.
M24	8 38	8 10	2 2	11 54	0 0	6 59	0 17	17 25	1 52	15 37	1 39	24 17	0 57	4 36	0 42	7 46	1 59	33 2	9 56	17 49	18 5	2 11		n.a.
T 25	8 59	1 26	3 9	11 30	0s16	6 55	0 8	17 18	1 49	15 37	1 39	24 17	0 57	4 35	0 42	7 46	1 59	33 2	9 56	17 50	18 5	2 15		n.a.
W26	9 21	5s28	4 4	11 4	0 33	6 50	0s 1	17 12	1 47	15 37	1 39	24 17	0 57	4 34	0 42	7 47	1 59	33 2	9 57	17 52	18 6	2 18		n.a.
T 27	9 42	12 5	4 42	10 37	0 50	6 45	0 9	17 5	1 44	15 37	1 38	24 16	0 57	4 33	0 42	7 47	1 59	33 2	9 57	17 54	18 7	2 21		n.a.
F 28	10 3	17 58	5 0	10 10	1 7	6 39	0 18	16 59	1 42	15 37	1 38	24 16	0 57	4 32	0 43	7 48	1 58	33 3	9 57	17 57	18 8	2 24		n.a.
S 29	10 25	22 39	4 57	9 42	1 24	6 32	0 26	16 52	1 39	15 37	1 38	24 16	0 57	4 30	0 43	7 48	1 58	33 3	9 58	18 0	18 9	2 28		n.a.
S 30	10n46	25s48	4s36	9n15	1s40	6s24	0s33	16n44	1n37	15n37	1n38	24n16	0n57	4s29	0s43	7n48	1n58	33s 3	9s58	18s 2	18s10	2n31		n.a.

Julian Day Number = 1292344.5, Delta T = 07h58m02s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'26, Lahiri = -20°10'25 Julian Calendar 1 Apr. 1175 BCE == Greg. Calendar 21 March 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

MAY 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 50 59	28♈27'53	17♐57	27°R 5	15♓57	19♌45	22°D59	11♋41	20♓31	15°R 1	13°R24	9°R52	9♒29	27♓40	n.a.	M 1
T 2	13 54 55	29°25'03	1♑29	26♈32	16°37	20° 1	22♌59	11°45	20°34	15♍ 0	13♑24	9♒47	9°25	27°46	n.a.	T 2
W 3	13 58 52	0♉22'13	14°32	26° 0	17°18	20°18	22°59	11°49	20°37	14°58	13°24	9°45	9°22	27°53	n.a.	W 3
T 4	14 2 49	1°19'23	27°10	25°30	18° 0	20°35	22°59	11°53	20°39	14°57	13°24	9°44	9°19	28° 0	n.a.	T 4
F 5	14 6 45	2°16'33	9♒28	25° 2	18°42	20°52	23° 0	11°57	20°42	14°56	13°23	9°44	9°16	28° 6	n.a.	F 5
S 6	14 10 42	3°13'42	21°32	24°36	19°26	21°10	23° 1	12° 1	20°45	14°56	13°23	9°44	9°13	28°13	n.a.	S 6
S 7	14 14 38	4°10'50	3♓25	24°14	20°11	21°29	23° 2	12° 5	20°48	14°55	13°23	9°42	9°10	28°20	n.a.	S 7
M 8	14 18 35	5° 7'58	15°14	23°55	20°57	21°48	23° 3	12° 9	20°50	14°54	13°23	9°38	9° 6	28°27	n.a.	M 8
T 9	14 22 31	6° 5'07	27° 3	23°40	21°43	22° 7	23° 4	12°14	20°53	14°53	13°22	9°31	9° 3	28°33	n.a.	T 9
W10	14 26 28	7° 2'14	8♈55	23°29	22°30	22°27	23° 6	12°18	20°56	14°52	13°22	9°22	9° 0	28°40	n.a.	W10
T 11	14 30 25	7°59'22	20°52	23°22	23°18	22°48	23° 8	12°23	20°58	14°51	13°22	9°10	8°57	28°47	n.a.	T 11
F 12	14 34 21	8°56'29	2♉57	23°D19	24° 7	23° 8	23° 9	12°27	21° 1	14°50	13°21	8°57	8°54	28°53	n.a.	F 12
S 13	14 38 18	9°53'36	15°11	23°21	24°57	23°30	23°11	12°32	21° 3	14°49	13°21	8°43	8°50	29° 0	n.a.	S 13
S 14	14 42 14	10°50'42	27°34	23°28	25°47	23°51	23°14	12°37	21° 6	14°49	13°20	8°31	8°47	29° 7	n.a.	S 14
M15	14 46 11	11°47'49	10♊ 8	23°39	26°37	24°14	23°16	12°42	21° 8	14°48	13°20	8°20	8°44	29°13	n.a.	M15
T 16	14 50 7	12°44'55	22°52	23°55	27°29	24°36	23°19	12°46	21°11	14°47	13°19	8°11	8°41	29°20	n.a.	T 16
W17	14 54 4	13°42'00	5♋48	24°15	28°21	24°59	23°21	12°51	21°13	14°47	13°19	8° 6	8°38	29°27	n.a.	W17
T 18	14 58 0	14°39'05	18°57	24°41	29°14	25°22	23°24	12°56	21°15	14°46	13°18	8° 3	8°35	29°33	n.a.	T 18
F 19	15 1 57	15°36'10	2♌20	25°11	0♈ 7	25°46	23°27	13° 2	21°18	14°45	13°18	8° 2	8°31	29°40	n.a.	F 19
S 20	15 5 54	16°33'14	16° 0	25°45	1° 0	26°10	23°31	13° 7	21°20	14°45	13°17	8° 2	8°28	29°47	n.a.	S 20
S 21	15 9 50	17°30'18	29°58	26°24	1°55	26°35	23°34	13°12	21°22	14°44	13°16	8° 1	8°25	29°54	n.a.	S 21
M22	15 13 47	18°27'21	14♍14	27° 8	2°49	27° 0	23°38	13°17	21°24	14°44	13°16	8° 0	8°22	0♈ 0	n.a.	M22
T 23	15 17 43	19°24'24	28°46	27°56	3°45	27°25	23°41	13°23	21°27	14°43	13°15	7°55	8°19	0° 7	n.a.	T 23
W24	15 21 40	20°21'27	13♎31	28°48	4°40	27°51	23°45	13°28	21°29	14°43	13°15	7°49	8°16	0°14	n.a.	W24
T 25	15 25 36	21°18'30	28°22	29°45	5°36	28°16	23°49	13°34	21°31	14°42	13°14	7°40	8°12	0°20	n.a.	T 25
F 26	15 29 33	22°15'33	13♏11	0♉46	6°33	28°43	23°54	13°39	21°33	14°42	13°13	7°29	8° 9	0°27	n.a.	F 26
S 27	15 33 29	23°12'36	27°49	1°51	7°30	29° 9	23°58	13°45	21°35	14°42	13°12	7°19	8° 6	0°34	n.a.	S 27
S 28	15 37 26	24° 9'39	12♐10	3° 1	8°28	29°36	24° 2	13°51	21°37	14°41	13°12	7° 9	8° 3	0°40	n.a.	S 28
M29	15 41 23	25° 6'43	26° 7	4°14	9°26	0♍ 4	24° 7	13°56	21°39	14°41	13°11	7° 2	8° 0	0°47	n.a.	M29
T 30	15 45 19	26° 3'46	9♑37	5°31	10°24	0°31	24°12	14° 2	21°41	14°41	13°10	6°57	7°56	0°54	n.a.	T 30
W31	15 49 16	27♉ 0'51	22♑42	6♉53	11♈23	0♍59	24♌17	14♋ 8	21♓43	14♍40	13♑ 9	6♒54	7♒53	1♈ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n 6	27s14	3s58	8n48	1s56	6s15	0s41	16n37	1n34	15n37	1n37	24n15	0n57	4s28	0s43	7n49	1n58	33s 4	9s58	18s 4	18s11	2n34		n.a.
T 2	11 27	26 57	3 8	8 22	2 12	6 6	0 48	16 30	1 32	15 37	1 37	24 15	0 57	4 27	0 43	7 49	1 58	33 4	9 59	18 5	18 11	2 37		n.a.
W 3	11 47	25 10	2 9	7 56	2 26	5 56	0 55	16 22	1 29	15 36	1 37	24 14	0 57	4 26	0 43	7 50	1 58	33 4	9 59	18 6	18 12	2 41		n.a.
T 4	12 8	22 9	1 6	7 33	2 40	5 46	1 1	16 14	1 27	15 36	1 37	24 14	0 57	4 25	0 43	7 50	1 58	33 5	9 59	18 6	18 13	2 44		n.a.
F 5	12 28	18 12	0 1	7 11	2 52	5 35	1 8	16 7	1 25	15 35	1 36	24 14	0 57	4 24	0 43	7 50	1 58	33 5	9 59	18 6	18 14	2 47		n.a.
S 6	12 48	13 35	1n 2	6 50	3 4	5 23	1 14	15 59	1 22	15 35	1 36	24 13	0 57	4 23	0 43	7 51	1 58	33 5	10 0	18 6	18 15	2 50		n.a.
S 7	13 7	8 32	2 2	6 33	3 14	5 10	1 20	15 50	1 20	15 34	1 36	24 13	0 57	4 22	0 43	7 51	1 58	33 6	10 0	18 7	18 16	2 53		n.a.
M 8	13 27	3 13	2 56	6 17	3 24	4 57	1 26	15 42	1 18	15 34	1 36	24 13	0 57	4 20	0 43	7 51	1 58	33 6	10 0	18 8	18 17	2 57		n.a.
T 9	13 46	2n12	3 42	6 4	3 31	4 44	1 31	15 33	1 16	15 33	1 35	24 12	0 57	4 19	0 43	7 52	1 58	33 6	10 1	18 10	18 17	3 0		n.a.
W10	14 5	7 33	4 19	5 54	3 38	4 30	1 37	15 25	1 13	15 32	1 35	24 12	0 57	4 18	0 43	7 52	1 58	33 7	10 1	18 12	18 18	3 3		n.a.
T 11	14 24	12 40	4 45	5 46	3 44	4 15	1 42	15 16	1 11	15 31	1 35	24 11	0 57	4 17	0 43	7 52	1 58	33 7	10 1	18 16	18 19	3 6		n.a.
F 12	14 43	17 21	4 58	5 41	3 48	4 0	1 47	15 7	1 9	15 30	1 34	24 11	0 57	4 16	0 43	7 52	1 58	33 7	10 2	18 19	18 20	3 10		n.a.
S 13	15 1	21 23	4 58	5 39	3 51	3 44	1 51	14 58	1 7	15 29	1 34	24 10	0 57	4 15	0 43	7 53	1 58	33 8	10 2	18 23	18 21	3 13		n.a.
S 14	15 20	24 32	4 44	5 40	3 53	3 28	1 56	14 48	1 5	15 28	1 34	24 10	0 57	4 14	0 43	7 53	1 58	33 8	10 2	18 26	18 22	3 16		n.a.
M15	15 37	26 33	4 15	5 43	3 54	3 11	2 0	14 39	1 3	15 27	1 34	24 9	0 57	4 13	0 43	7 53	1 58	33 8	10 2	18 29	18 22	3 19		n.a.
T 16	15 55	27 12	3 34	5 49	3 53	2 54	2 4	14 29	1 1	15 26	1 33	24 9	0 57	4 13	0 43	7 53	1 58	33 9	10 3	18 31	18 23	3 22		n.a.
W17	16 13	26 24	2 41	5 58	3 52	2 37	2 8	14 20	0 59	15 25	1 33	24 9	0 57	4 12	0 43	7 54	1 58	33 9	10 3	18 33	18 24	3 26		n.a.
T 18	16 30	24 6	1 39	6 10	3 49	2 19	2 11	14 10	0 57	15 24	1 33	24 8	0 57	4 11	0 43	7 54	1 58	33 9	10 3	18 33	18 25	3 29		n.a.
F 19	16 47	20 27	0 30	6 24	3 46	2 1	2 15	14 0	0 55	15 23	1 33	24 8	0 57	4 10	0 43	7 54	1 57	33 10	10 4	18 34	18 26	3 32		n.a.
S 20	17 4	15 38	0s42	6 41	3 41	1 42	2 18	13 49	0 53	15 21	1 32	24 7	0 57	4 9	0 43	7 54	1 57	33 10	10 4	18 34	18 27	3 35		n.a.
S 21	17 20	9 54	1 53	7 0	3 36	1 23	2 21	13 39	0 51	15 20	1 32	24 6	0 57	4 8	0 43	7 54	1 57	33 10	10 4	18 34	18 28	3 39		n.a.
M22	17 36	3 33	2 59	7 22	3 30	1 4	2 24	13 29	0 49	15 18	1 32	24 6	0 57	4 7	0 43	7 54	1 57	33 11	10 4	18 34	18 28	3 42		n.a.
T 23	17 52	3s 5	3 54	7 45	3 23	0 44	2 27	13 18	0 47	15 17	1 32	24 5	0 57	4 6	0 43	7 55	1 57	33 11	10 5	18 35	18 29	3 45		n.a.
W24	18 8	9 38	4 35	8 11	3 16	0 24	2 30	13 7	0 45	15 15	1 31	24 5	0 57	4 5	0 43	7 55	1 57	33 11	10 5	18 37	18 30	3 48		n.a.
T 25	18 23	15 41	4 57	8 39	3 8	0 3	2 32	12 56	0 43	15 14	1 31	24 4	0 57	4 5	0 43	7 55	1 57	33 12	10 5	18 39	18 31	3 51		n.a.
F 26	18 38	20 48	5 0	9 9	2 59	0n17	2 34	12 45	0 41	15 12	1 31	24 4	0 57	4 4	0 43	7 55	1 57	33 12	10 5	18 42	18 32	3 55		n.a.
S 27	18 53	24 35	4 42	9 40	2 49	0 38	2 36	12 34	0 39	15 10	1 30	24 3	0 57	4 3	0 43	7 55	1 57	33 12	10 6	18 45	18 33	3 58		n.a.
S 28	19 7	26 43	4 7	10 13	2 39	1 0	2 38	12 23	0 38	15 9	1 30	24 3	0 57	4 2	0 43	7 55	1 57	33 13	10 6	18 47	18 33	4 1		n.a.
M29	19 22	27 5	3 18	10 48	2 29	1 21	2 40	12 12	0 36	15 7	1 30	24 2	0 57	4 2	0 43	7 55	1 57	33 13	10 6	18 49	18 34	4 4		n.a.
T 30	19 35	25 48	2 19	11 25	2 18	1 43	2 41	12 0	0 34	15 5	1 30	24 1	0 57	4 1	0 43	7 55	1 57	33 13	10 7	18 51	18 35	4 7		n.a.
W31	19n49	23s 7	1s15	12n 2	2s 7	2n 5	2s43	11n48	0n32	15n 3	1n29	24n 1	0n57	4s 0	0s43	7n55	1n57	33s14	10s 7	18s51	18s36	4n11		n.a.

Julian Day Number = 1292374.5, Delta T = 07h58m00s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'22, Lahiri = -20°10'21 Julian Calendar 1 May 1175 BCE == Greg. Calendar 20 Apr. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

JUNE 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 12	27♉57'55	5♒22	8♉18	12♈22	1♍27	24♌22	14♋14	21♓44	14°R40	13°R 8	6°D53	7♒50	1♈ 7	n.a.	T 1
F 2	15 57 9	28°55'01	17°43	9°47	13°21	1°56	24°27	14°20	21°46	14♍40	13♑ 8	6♒53	7°47	1°14	n.a.	F 2
S 3	16 1 5	29°52'07	29°48	11°20	14°21	2°24	24°33	14°26	21°48	14°40	13° 7	6°R54	7°44	1°21	n.a.	S 3
S 4	16 5 2	0♊49'13	11♓43	12°57	15°21	2°53	24°38	14°32	21°50	14°40	13° 6	6°53	7°41	1°27	n.a.	S 4
M 5	16 8 59	1°46'21	23°34	14°37	16°21	3°23	24°44	14°38	21°51	14°40	13° 5	6°51	7°37	1°34	n.a.	M 5
T 6	16 12 55	2°43'29	5♈25	16°21	17°22	3°52	24°50	14°44	21°53	14°40	13° 4	6°46	7°34	1°41	n.a.	T 6
W 7	16 16 52	3°40'37	17°20	18° 8	18°23	4°22	24°56	14°51	21°54	14°D40	13° 3	6°39	7°31	1°47	n.a.	W 7
T 8	16 20 48	4°37'47	29°23	19°58	19°25	4°52	25° 2	14°57	21°56	14°40	13° 2	6°30	7°28	1°54	n.a.	T 8
F 9	16 24 45	5°34'57	11♉37	21°51	20°26	5°23	25° 9	15° 3	21°57	14°40	13° 1	6°20	7°25	2° 1	n.a.	F 9
S 10	16 28 41	6°32'08	24° 2	23°46	21°28	5°54	25°15	15°10	21°59	14°40	13° 0	6° 9	7°22	2° 7	n.a.	S 10
S 11	16 32 38	7°29'20	6♊41	25°45	22°31	6°24	25°22	15°16	22° 0	14°40	12°59	5°59	7°18	2°14	n.a.	S 11
M12	16 36 35	8°26'32	19°32	27°45	23°33	6°56	25°28	15°23	22° 2	14°40	12°58	5°50	7°15	2°21	n.a.	M12
T 13	16 40 31	9°23'45	2♋36	29°47	24°36	7°27	25°35	15°29	22° 3	14°40	12°57	5°43	7°12	2°28	n.a.	T 13
W14	16 44 28	10°20'59	15°51	1♊51	25°39	7°59	25°42	15°36	22° 4	14°40	12°56	5°39	7° 9	2°34	n.a.	W14
T 15	16 48 24	11°18'13	29°18	3°56	26°42	8°31	25°49	15°43	22° 5	14°41	12°55	5°D38	7° 6	2°41	n.a.	T 15
F 16	16 52 21	12°15'28	12♌55	6° 1	27°46	9° 3	25°57	15°49	22° 7	14°41	12°54	5°38	7° 2	2°48	n.a.	F 16
S 17	16 56 17	13°12'43	26°44	8° 8	28°49	9°36	26° 4	15°56	22° 8	14°41	12°53	5°39	6°59	2°54	n.a.	S 17
S 18	17 0 14	14° 9'59	10♍43	10°15	29°53	10° 8	26°12	16° 3	22° 9	14°42	12°52	5°R39	6°56	3° 1	n.a.	S 18
M19	17 4 10	15° 7'16	24°52	12°21	0♉58	10°41	26°19	16° 9	22°10	14°42	12°50	5°39	6°53	3° 8	n.a.	M19
T 20	17 8 7	16° 4'33	9♎10	14°28	2° 2	11°14	26°27	16°16	22°11	14°42	12°49	5°37	6°50	3°14	n.a.	T 20
W21	17 12 4	17° 1'50	23°34	16°34	3° 7	11°48	26°35	16°23	22°12	14°43	12°48	5°33	6°47	3°21	n.a.	W21
T 22	17 16 0	17°59'09	8♏ 0	18°39	4°11	12°21	26°43	16°30	22°12	14°43	12°47	5°27	6°43	3°28	n.a.	T 22
F 23	17 19 57	18°56'28	22°24	20°44	5°16	12°55	26°51	16°37	22°13	14°44	12°46	5°20	6°40	3°35	n.a.	F 23
S 24	17 23 53	19°53'49	6♐38	22°47	6°22	13°29	26°59	16°44	22°14	14°44	12°45	5°13	6°37	3°41	n.a.	S 24
S 25	17 27 50	20°51'10	20°38	24°50	7°27	14° 3	27° 8	16°51	22°15	14°45	12°43	5° 6	6°34	3°48	n.a.	S 25
M26	17 31 46	21°48'32	4♑20	26°51	8°33	14°37	27°16	16°58	22°16	14°45	12°42	5° 1	6°31	3°55	n.a.	M26
T 27	17 35 43	22°45'56	17°41	28°51	9°39	15°12	27°25	17° 5	22°16	14°46	12°41	4°58	6°28	4° 1	n.a.	T 27
W28	17 39 40	23°43'21	0♒40	0♋49	10°45	15°47	27°33	17°12	22°17	14°47	12°40	4°D57	6°24	4° 8	n.a.	W28
T 29	17 43 36	24°40'47	13°18	2°46	11°51	16°22	27°42	17°19	22°17	14°47	12°39	4°57	6°21	4°15	n.a.	T 29
F 30	17 47 33	25♊38'15	25♒39	4♋42	12♉57	16♍57	27♌51	17♋27	22♓18	14♍48	12♑37	4♒58	6♒18	4♈22	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 2	19s22	0s 8	12n41	1s55	2n27	2s44	11n37	0n30	15n 1	1n29	24n 0	0n57	3s59	0s43	7n55	1n57	33s14	10s 7	18s52	18s37	4n14		n.a.
F 2	20 15	14 52	0n57	13 21	1 44	2 49	2 45	11 25	0 29	14 59	1 29	23 59	0 57	3 59	0 43	7 55	1 57	33 15	10 7	18 51	18 38	4 17		n.a.
S 3	20 27	9 53	1 59	14 2	1 32	3 12	2 46	11 13	0 27	14 57	1 29	23 59	0 57	3 58	0 43	7 55	1 57	33 15	10 7	18 51	18 38	4 20		n.a.
S 4	20 40	4 36	2 54	14 43	1 19	3 35	2 47	11 0	0 25	14 55	1 28	23 58	0 57	3 57	0 43	7 55	1 57	33 15	10 8	18 52	18 39	4 23		n.a.
M 5	20 51	0n47	3 42	15 26	1 7	3 58	2 48	10 48	0 24	14 52	1 28	23 57	0 57	3 57	0 43	7 55	1 57	33 16	10 8	18 52	18 40	4 26		n.a.
T 6	21 3	6 9	4 20	16 8	0 55	4 21	2 48	10 36	0 22	14 50	1 28	23 57	0 57	3 56	0 43	7 55	1 56	33 16	10 8	18 53	18 41	4 30		n.a.
W 7	21 14	11 19	4 47	16 50	0 42	4 44	2 49	10 23	0 20	14 48	1 28	23 56	0 57	3 56	0 43	7 55	1 56	33 16	10 8	18 55	18 42	4 33		n.a.
T 8	21 25	16 7	5 1	17 32	0 30	5 7	2 49	10 10	0 19	14 46	1 28	23 55	0 57	3 55	0 44	7 55	1 56	33 16	10 9	18 57	18 43	4 36		n.a.
F 9	21 35	20 21	5 2	18 14	0 18	5 31	2 49	9 58	0 17	14 43	1 27	23 55	0 57	3 54	0 44	7 55	1 56	33 17	10 9	19 0	18 43	4 39		n.a.
S 10	21 46	23 45	4 49	18 56	0 6	5 54	2 49	9 45	0 16	14 41	1 27	23 54	0 57	3 54	0 44	7 55	1 56	33 17	10 9	19 3	18 44	4 42		n.a.
S 11	21 55	26 5	4 22	19 36	0n 5	6 17	2 49	9 32	0 14	14 38	1 27	23 53	0 57	3 53	0 44	7 55	1 56	33 17	10 9	19 5	18 45	4 46		n.a.
M12	22 5	27 5	3 41	20 15	0 16	6 41	2 49	9 18	0 13	14 36	1 27	23 53	0 57	3 53	0 44	7 55	1 56	33 18	10 10	19 8	18 46	4 49		n.a.
T 13	22 14	26 36	2 47	20 53	0 27	7 5	2 48	9 5	0 11	14 33	1 26	23 52	0 57	3 52	0 44	7 55	1 56	33 18	10 10	19 9	18 47	4 52		n.a.
W14	22 22	24 36	1 44	21 29	0 37	7 28	2 48	8 52	0 10	14 31	1 26	23 51	0 57	3 52	0 44	7 55	1 56	33 18	10 10	19 10	18 47	4 55		n.a.
T 15	22 30	21 11	0 34	22 3	0 47	7 52	2 47	8 38	0 8	14 28	1 26	23 50	0 57	3 51	0 44	7 54	1 56	33 19	10 10	19 11	18 48	4 58		n.a.
F 16	22 38	16 35	0s39	22 35	0 56	8 16	2 47	8 25	0 7	14 25	1 26	23 49	0 57	3 51	0 44	7 54	1 56	33 19	10 10	19 11	18 49	5 1		n.a.
S 17	22 46	11 4	1 51	23 5	1 4	8 39	2 46	8 11	0 5	14 22	1 25	23 49	0 57	3 51	0 44	7 54	1 56	33 19	10 11	19 10	18 50	5 5		n.a.
S 18	22 53	4 57	2 57	23 32	1 12	9 3	2 45	7 57	0 4	14 20	1 25	23 48	0 57	3 50	0 44	7 54	1 56	33 20	10 11	19 10	18 51	5 8		n.a.
M19	22 59	1s29	3 53	23 57	1 19	9 27	2 44	7 43	0 2	14 17	1 25	23 47	0 57	3 50	0 44	7 54	1 56	33 20	10 11	19 10	18 52	5 11		n.a.
T 20	23 6	7 54	4 36	24 20	1 25	9 50	2 43	7 29	0 1	14 14	1 25	23 46	0 57	3 49	0 44	7 54	1 56	33 20	10 11	19 11	18 52	5 14		n.a.
W21	23 11	13 56	5 1	24 39	1 31	10 14	2 42	7 15	0s 1	14 11	1 25	23 45	0 57	3 49	0 44	7 53	1 56	33 21	10 11	19 12	18 53	5 17		n.a.
T 22	23 17	19 14	5 7	24 56	1 36	10 37	2 40	7 0	0 2	14 8	1 24	23 45	0 57	3 49	0 44	7 53	1 56	33 21	10 11	19 13	18 54	5 20		n.a.
F 23	23 22	23 24	4 54	25 10	1 40	11 0	2 39	6 46	0 3	14 5	1 24	23 44	0 57	3 48	0 44	7 53	1 55	33 21	10 12	19 15	18 55	5 23		n.a.
S 24	23 27	26 5	4 23	25 21	1 43	11 23	2 37	6 32	0 5	14 2	1 24	23 43	0 57	3 48	0 44	7 53	1 55	33 21	10 12	19 17	18 56	5 27		n.a.
S 25	23 31	27 6	3 36	25 30	1 46	11 46	2 36	6 17	0 6	13 59	1 24	23 42	0 57	3 48	0 44	7 52	1 55	33 22	10 12	19 18	18 56	5 30		n.a.
M26	23 35	26 24	2 38	25 36	1 48	12 9	2 34	6 2	0 7	13 56	1 24	23 41	0 57	3 48	0 44	7 52	1 55	33 22	10 12	19 20	18 57	5 33		n.a.
T 27	23 38	24 10	1 32	25 39	1 49	12 32	2 32	5 48	0 9	13 52	1 23	23 40	0 57	3 47	0 44	7 52	1 55	33 22	10 12	19 20	18 58	5 36		n.a.
W28	23 41	20 43	0 23	25 40	1 50	12 55	2 30	5 33	0 10	13 49	1 23	23 40	0 58	3 47	0 44	7 51	1 55	33 23	10 12	19 21	18 59	5 39		n.a.
T 29	23 44	16 23	0n45	25 38	1 50	13 17	2 28	5 18	0 11	13 46	1 23	23 39	0 58	3 47	0 44	7 51	1 55	33 23	10 13	19 21	19 0	5 42		n.a.
F 30	23n46	11s27	1n50	25n34	1n49	13n40	2s26	5n 3	0s13	13n43	1n23	23n38	0n58	3s47	0s44	7n51	1n55	33s23	10s13	19s20	19s 0	5n45		n.a.

Julian Day Number = 1292405.5, Delta T = 07h57m58s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'17, Lahiri = -20°10'17 Julian Calendar 1 June 1175 BCE == Greg. Calendar 21 May 1175 BCE

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

JULY 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 29	26♊35'44	7♓45	6♋36	14♉ 4	17♍32	28♌ 0	17♋34	22♓18	14♍49	12°R36	5♒ 0	6♒15	4♈28	n.a.	S 1
S 2	17 55 26	27°33'15	19°42	8°28	15°10	18° 8	28° 9	17°41	22°19	14°50	12♑35	5° 1	6°12	4°35	n.a.	S 2
M 3	17 59 22	28°30'47	1♈34	10°19	16°17	18°43	28°18	17°48	22°19	14°50	12°33	5°R 1	6° 8	4°42	n.a.	M 3
T 4	18 3 19	29°28'21	13°27	12° 9	17°24	19°19	28°28	17°55	22°19	14°51	12°32	5° 0	6° 5	4°48	n.a.	T 4
W 5	18 7 15	0♋25'56	25°24	13°57	18°32	19°55	28°37	18° 3	22°19	14°52	12°31	4°57	6° 2	4°55	n.a.	W 5
T 6	18 11 12	1°23'34	7♉31	15°44	19°39	20°32	28°47	18°10	22°20	14°53	12°30	4°54	5°59	5° 2	n.a.	T 6
F 7	18 15 9	2°21'12	19°50	17°29	20°46	21° 8	28°56	18°17	22°20	14°54	12°28	4°49	5°56	5° 8	n.a.	F 7
S 8	18 19 5	3°18'53	2♊25	19°12	21°54	21°45	29° 6	18°25	22°20	14°55	12°27	4°43	5°53	5°15	n.a.	S 8
S 9	18 23 2	4°16'35	15°17	20°54	23° 2	22°21	29°16	18°32	22°R20	14°56	12°26	4°38	5°49	5°22	n.a.	S 9
M10	18 26 58	5°14'19	28°26	22°35	24°10	22°58	29°26	18°39	22°20	14°57	12°24	4°34	5°46	5°29	n.a.	M10
T 11	18 30 55	6°12'04	11♋51	24°14	25°18	23°36	29°36	18°47	22°20	14°58	12°23	4°31	5°43	5°35	n.a.	T 11
W12	18 34 51	7° 9'51	25°30	25°52	26°26	24°13	29°46	18°54	22°20	14°59	12°22	4°30	5°40	5°42	n.a.	W12
T 13	18 38 48	8° 7'40	9♌22	27°29	27°35	24°50	29°56	19° 2	22°20	15° 0	12°21	4°D29	5°37	5°49	n.a.	T 13
F 14	18 42 44	9° 5'29	23°23	29° 4	28°43	25°28	0♍ 7	19° 9	22°19	15° 1	12°19	4°30	5°34	5°55	n.a.	F 14
S 15	18 46 41	10° 3'20	7♍30	0♌37	29°52	26° 6	0°17	19°17	22°19	15° 2	12°18	4°32	5°30	6° 2	n.a.	S 15
S 16	18 50 38	11° 1'13	21°41	2° 9	1♊ 1	26°44	0°27	19°24	22°19	15° 4	12°17	4°33	5°27	6° 9	n.a.	S 16
M17	18 54 34	11°59'07	5♎54	3°40	2°10	27°22	0°38	19°32	22°18	15° 5	12°15	4°R34	5°24	6°15	n.a.	M17
T 18	18 58 31	12°57'02	20° 7	5° 9	3°19	28° 0	0°49	19°39	22°18	15° 6	12°14	4°34	5°21	6°22	n.a.	T 18
W19	19 2 27	13°54'59	4♏17	6°37	4°28	28°38	0°59	19°47	22°18	15° 7	12°13	4°33	5°18	6°29	n.a.	W19
T 20	19 6 24	14°52'57	18°22	8° 4	5°37	29°17	1°10	19°54	22°17	15° 9	12°11	4°31	5°14	6°36	n.a.	T 20
F 21	19 10 20	15°50'57	2♐18	9°29	6°47	29°55	1°21	20° 2	22°17	15°10	12°10	4°29	5°11	6°42	n.a.	F 21
S 22	19 14 17	16°48'58	16° 5	10°52	7°56	0♎34	1°32	20° 9	22°16	15°11	12° 9	4°26	5° 8	6°49	n.a.	S 22
S 23	19 18 13	17°47'01	29°39	12°14	9° 6	1°13	1°43	20°17	22°15	15°13	12° 7	4°24	5° 5	6°56	n.a.	S 23
M24	19 22 10	18°45'06	12♑58	13°34	10°16	1°52	1°54	20°24	22°15	15°14	12° 6	4°22	5° 2	7° 2	n.a.	M24
T 25	19 26 7	19°43'12	26° 1	14°53	11°26	2°32	2° 5	20°32	22°14	15°15	12° 5	4°21	4°59	7° 9	n.a.	T 25
W26	19 30 3	20°41'21	8♒47	16°10	12°36	3°11	2°16	20°39	22°13	15°17	12° 3	4°D21	4°55	7°16	n.a.	W26
T 27	19 34 0	21°39'31	21°18	17°25	13°46	3°50	2°28	20°47	22°12	15°18	12° 2	4°22	4°52	7°23	n.a.	T 27
F 28	19 37 56	22°37'43	3♓34	18°39	14°56	4°30	2°39	20°54	22°11	15°20	12° 1	4°23	4°49	7°29	n.a.	F 28
S 29	19 41 53	23°35'58	15°39	19°50	16° 6	5°10	2°50	21° 2	22°11	15°21	12° 0	4°24	4°46	7°36	n.a.	S 29
S 30	19 45 49	24°34'14	27°36	21° 0	17°17	5°50	3° 2	21° 9	22°10	15°23	11°58	4°25	4°43	7°43	n.a.	S 30
M31	19 49 46	25♋32'33	9♈29	22♌ 8	18♊27	6♎30	3♍14	21♋17	22♓ 9	15♍25	11♑57	4♒26	4♒40	7♈49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	6s12	2n49	25n28	1n48	14n 2	2s24	4n48	0s14	13n39	1n23	23n37	0n58	3s47	0s44	7n50	1n55	33s23	10s13	19s20	19s 1	5n49		n.a.
S 2	23 49	0 47	3 39	25 20	1 47	14 24	2 22	4 32	0 15	13 36	1 22	23 36	0 58	3 47	0 44	7 50	1 55	33 24	10 13	19 20	19 2	5 52		n.a.
M 3	23 50	4n36	4 20	25 10	1 44	14 45	2 20	4 17	0 16	13 32	1 22	23 35	0 58	3 46	0 44	7 50	1 55	33 24	10 13	19 20	19 3	5 55		n.a.
T 4	23 50	9 50	4 50	24 57	1 42	15 7	2 17	4 2	0 17	13 29	1 22	23 34	0 58	3 46	0 44	7 49	1 55	33 24	10 13	19 20	19 4	5 58		n.a.
W 5	23 50	14 44	5 7	24 43	1 39	15 28	2 15	3 46	0 19	13 25	1 22	23 33	0 58	3 46	0 44	7 49	1 55	33 24	10 13	19 21	19 4	6 1		n.a.
T 6	23 50	19 8	5 11	24 28	1 35	15 49	2 13	3 31	0 20	13 22	1 22	23 32	0 58	3 46	0 44	7 48	1 55	33 25	10 13	19 21	19 5	6 4		n.a.
F 7	23 49	22 48	5 1	24 10	1 31	16 9	2 10	3 15	0 21	13 18	1 21	23 31	0 58	3 46	0 44	7 48	1 55	33 25	10 13	19 23	19 6	6 7		n.a.
S 8	23 48	25 30	4 36	23 52	1 27	16 30	2 7	2 59	0 22	13 15	1 21	23 30	0 58	3 46	0 45	7 48	1 55	33 25	10 14	19 24	19 7	6 10		n.a.
S 9	23 46	26 56	3 57	23 31	1 22	16 50	2 5	2 43	0 23	13 11	1 21	23 29	0 58	3 46	0 45	7 47	1 55	33 25	10 14	19 25	19 8	6 14		n.a.
M10	23 44	26 54	3 5	23 10	1 16	17 9	2 2	2 28	0 25	13 7	1 21	23 28	0 58	3 46	0 45	7 47	1 54	33 26	10 14	19 26	19 8	6 17		n.a.
T 11	23 41	25 18	2 1	22 47	1 11	17 29	1 59	2 12	0 26	13 3	1 21	23 27	0 58	3 46	0 45	7 46	1 54	33 26	10 14	19 27	19 9	6 20		n.a.
W12	23 38	22 12	0 49	22 23	1 5	17 47	1 57	1 56	0 27	13 0	1 21	23 26	0 58	3 46	0 45	7 46	1 54	33 26	10 14	19 27	19 10	6 23		n.a.
T 13	23 35	17 47	0s27	21 58	0 59	18 6	1 54	1 39	0 28	12 56	1 20	23 25	0 58	3 47	0 45	7 45	1 54	33 26	10 14	19 27	19 11	6 26		n.a.
F 14	23 31	12 21	1 42	21 32	0 52	18 24	1 51	1 23	0 29	12 52	1 20	23 24	0 58	3 47	0 45	7 45	1 54	33 26	10 14	19 27	19 12	6 29		n.a.
S 15	23 27	6 15	2 52	21 6	0 46	18 42	1 48	1 7	0 30	12 48	1 20	23 23	0 58	3 47	0 45	7 44	1 54	33 27	10 14	19 27	19 12	6 32		n.a.
S 16	23 22	0s11	3 51	20 38	0 39	19 0	1 45	0 51	0 31	12 44	1 20	23 22	0 58	3 47	0 45	7 44	1 54	33 27	10 14	19 26	19 13	6 35		n.a.
M17	23 17	6 36	4 36	20 10	0 31	19 17	1 42	0 35	0 32	12 40	1 20	23 21	0 59	3 47	0 45	7 43	1 54	33 27	10 14	19 26	19 14	6 38		n.a.
T 18	23 12	12 41	5 5	19 41	0 24	19 33	1 39	0 18	0 33	12 36	1 20	23 20	0 59	3 47	0 45	7 43	1 54	33 27	10 14	19 26	19 15	6 42		n.a.
W19	23 6	18 5	5 15	19 11	0 16	19 49	1 36	0 2	0 34	12 32	1 19	23 19	0 59	3 47	0 45	7 42	1 54	33 27	10 14	19 27	19 16	6 45		n.a.
T 20	22 59	22 28	5 6	18 41	0 8	20 5	1 32	0s15	0 35	12 28	1 19	23 18	0 59	3 48	0 45	7 42	1 54	33 28	10 14	19 27	19 16	6 48		n.a.
F 21	22 53	25 31	4 39	18 10	0s 0	20 20	1 29	0 31	0 36	12 24	1 19	23 17	0 59	3 48	0 45	7 41	1 54	33 28	10 14	19 28	19 17	6 51		n.a.
S 22	22 45	27 0	3 56	17 40	0 8	20 35	1 26	0 48	0 37	12 20	1 19	23 16	0 59	3 48	0 45	7 40	1 54	33 28	10 15	19 28	19 18	6 54		n.a.
S 23	22 38	26 50	3 0	17 9	0 17	20 49	1 23	1 5	0 38	12 16	1 19	23 15	0 59	3 49	0 45	7 40	1 54	33 28	10 15	19 29	19 19	6 57		n.a.
M24	22 30	25 6	1 55	16 37	0 25	21 3	1 20	1 21	0 39	12 12	1 19	23 14	0 59	3 49	0 45	7 39	1 54	33 28	10 15	19 29	19 19	7 0		n.a.
T 25	22 22	22 3	0 46	16 6	0 34	21 16	1 16	1 38	0 40	12 8	1 19	23 13	0 59	3 49	0 45	7 39	1 54	33 28	10 15	19 29	19 20	7 3		n.a.
W26	22 13	17 58	0n24	15 34	0 43	21 28	1 13	1 55	0 41	12 3	1 19	23 12	0 59	3 49	0 45	7 38	1 54	33 28	10 15	19 29	19 21	7 6		n.a.
T 27	22 4	13 11	1 32	15 3	0 52	21 41	1 10	2 12	0 42	11 59	1 18	23 11	0 59	3 50	0 45	7 37	1 54	33 29	10 15	19 29	19 22	7 9		n.a.
F 28	21 54	7 58	2 35	14 31	1 1	21 52	1 6	2 28	0 43	11 55	1 18	23 9	0 59	3 50	0 45	7 37	1 54	33 29	10 15	19 29	19 23	7 12		n.a.
S 29	21 44	2 32	3 29	14 0	1 10	22 3	1 3	2 45	0 44	11 50	1 18	23 8	0 59	3 51	0 45	7 36	1 54	33 29	10 15	19 29	19 23	7 15		n.a.
S 30	21 34	2n54	4 14	13 29	1 20	22 14	1 0	3 2	0 45	11 46	1 18	23 7	1 0	3 51	0 45	7 36	1 53	33 29	10 15	19 28	19 24	7 18		n.a.
M31	21n23	8n12	4n47	12n58	1s29	22n23	0s56	3s19	0s46	11n42	1n18	23n 6	1n 0	3s51	0s45	7n35	1n53	33s29	10s15	19s28	19s25	7n22		n.a.

Julian Day Number = 1292435.5, Delta T = 07h57m57s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'13, Lahiri = -20°10'13 Julian Calendar 1 July 1175 BCE == Greg. Calendar 20 June 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

AUGUST 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 42	26♋30'54	21♈21	23♌13	19♊38	7♎10	3♍25	21♋24	22°R 7	15♍26	11°R56	4°R26	4♒36	7♈56	n.a.	T 1
W 2	19 57 39	27°29'17	3♉18	24°17	20°49	7°50	3°37	21°32	22♓ 6	15°28	11♑54	4♒26	4°33	8° 3	n.a.	W 2
T 3	20 1 35	28°27'42	15°25	25°18	22° 0	8°30	3°49	21°39	22° 5	15°29	11°53	4°26	4°30	8°10	n.a.	T 3
F 4	20 5 32	29°26'10	27°45	26°16	23°11	9°11	4° 0	21°47	22° 4	15°31	11°52	4°25	4°27	8°16	n.a.	F 4
S 5	20 9 29	0♌24'40	10♊23	27°11	24°22	9°52	4°12	21°54	22° 3	15°33	11°51	4°25	4°24	8°23	n.a.	S 5
S 6	20 13 25	1°23'13	23°21	28° 4	25°33	10°32	4°24	22° 2	22° 2	15°35	11°49	4°24	4°20	8°30	n.a.	S 6
M 7	20 17 22	2°21'48	6♋41	28°54	26°45	11°13	4°36	22° 9	22° 0	15°36	11°48	4°24	4°17	8°36	n.a.	M 7
T 8	20 21 18	3°20'24	20°23	29°40	27°56	11°54	4°48	22°17	21°59	15°38	11°47	4°24	4°14	8°43	n.a.	T 8
W 9	20 25 15	4°19'03	4♌24	0♍23	29° 8	12°35	5° 0	22°24	21°57	15°40	11°46	4°24	4°11	8°50	n.a.	W 9
T 10	20 29 11	5°17'45	18°42	1° 1	0♋19	13°17	5°13	22°31	21°56	15°42	11°45	4°24	4° 8	8°57	n.a.	T 10
F 11	20 33 8	6°16'28	3♍11	1°36	1°31	13°58	5°25	22°39	21°55	15°43	11°43	4°24	4° 5	9° 3	n.a.	F 11
S 12	20 37 4	7°15'12	17°45	2° 6	2°43	14°39	5°37	22°46	21°53	15°45	11°42	4°23	4° 1	9°10	n.a.	S 12
S 13	20 41 1	8°13'59	2♎19	2°31	3°55	15°21	5°49	22°54	21°51	15°47	11°41	4°23	3°58	9°17	n.a.	S 13
M14	20 44 58	9°12'48	16°47	2°51	5° 7	16° 3	6° 2	23° 1	21°50	15°49	11°40	4°23	3°55	9°23	n.a.	M14
T 15	20 48 54	10°11'39	1♏ 6	3° 6	6°19	16°44	6°14	23° 8	21°48	15°51	11°39	4°22	3°52	9°30	n.a.	T 15
W16	20 52 51	11°10'31	15°12	3°14	7°31	17°26	6°27	23°15	21°46	15°53	11°38	4°D22	3°49	9°37	n.a.	W16
T 17	20 56 47	12° 9'25	29° 4	3°R16	8°43	18° 8	6°39	23°23	21°45	15°55	11°37	4°23	3°45	9°43	n.a.	T 17
F 18	21 0 44	13° 8'22	12♐41	3°12	9°55	18°51	6°52	23°30	21°43	15°57	11°36	4°23	3°42	9°50	n.a.	F 18
S 19	21 4 40	14° 7'20	26° 4	3° 0	11° 8	19°33	7° 4	23°37	21°41	15°59	11°34	4°24	3°39	9°57	n.a.	S 19
S 20	21 8 37	15° 6'20	9♑12	2°41	12°20	20°15	7°17	23°44	21°39	16° 1	11°33	4°25	3°36	10° 4	n.a.	S 20
M21	21 12 33	16° 5'22	22° 7	2°15	13°33	20°57	7°29	23°52	21°38	16° 3	11°32	4°26	3°33	10°10	n.a.	M21
T 22	21 16 30	17° 4'26	4♒49	1°41	14°46	21°40	7°42	23°59	21°36	16° 5	11°31	4°R26	3°30	10°17	n.a.	T 22
W23	21 20 27	18° 3'33	17°19	1° 0	15°58	22°23	7°55	24° 6	21°34	16° 7	11°30	4°26	3°26	10°24	n.a.	W23
T 24	21 24 23	19° 2'41	29°38	0°11	17°11	23° 5	8° 8	24°13	21°32	16° 9	11°29	4°24	3°23	10°30	n.a.	T 24
F 25	21 28 20	20° 1'52	11♓47	29♌16	18°24	23°48	8°20	24°20	21°30	16°11	11°28	4°23	3°20	10°37	n.a.	F 25
S 26	21 32 16	21° 1'04	23°48	28°15	19°37	24°31	8°33	24°27	21°28	16°13	11°27	4°20	3°17	10°44	n.a.	S 26
S 27	21 36 13	22° 0'20	5♈43	27°10	20°50	25°14	8°46	24°34	21°26	16°15	11°26	4°17	3°14	10°51	n.a.	S 27
M28	21 40 9	22°59'37	17°35	26° 2	22° 3	25°57	8°59	24°41	21°24	16°17	11°25	4°15	3°11	10°57	n.a.	M28
T 29	21 44 6	23°58'57	29°26	24°51	23°16	26°40	9°12	24°48	21°22	16°19	11°25	4°12	3° 7	11° 4	n.a.	T 29
W30	21 48 2	24°58'20	11♉22	23°42	24°30	27°23	9°25	24°55	21°19	16°21	11°24	4°11	3° 4	11°11	n.a.	W30
T 31	21 51 59	25♌57'45	23♉26	22♌34	25♋43	28♎ 7	9♍38	25♋ 2	21♓17	16♍23	11♑23	4°D10	3♒ 1	11♈17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n12	13n13	5n 9	12n28	1s38	22n33	0s53	3s36	0s47	11n37	1n18	23n 5	1n 0	3s52	0s45	7n34	1n53	33s29	10s15	19s28	19s26	7n25		n.a.
W 2	21 0	17 46	5 17	11 58	1 47	22 41	0 50	3 53	0 48	11 33	1 18	23 4	1 0	3 52	0 45	7 34	1 53	33 29	10 15	19 28	19 26	7 28		n.a.
T 3	20 49	21 40	5 11	11 28	1 57	22 49	0 46	4 10	0 48	11 28	1 18	23 3	1 0	3 53	0 45	7 33	1 53	33 29	10 15	19 28	19 27	7 31		n.a.
F 4	20 36	24 42	4 51	11 0	2 6	22 57	0 43	4 27	0 49	11 24	1 17	23 2	1 0	3 53	0 45	7 32	1 53	33 30	10 15	19 28	19 28	7 34		n.a.
S 5	20 24	26 36	4 17	10 32	2 15	23 3	0 39	4 44	0 50	11 19	1 17	23 1	1 0	3 54	0 45	7 31	1 53	33 30	10 15	19 29	19 29	7 37		n.a.
S 6	20 11	27 8	3 28	10 5	2 24	23 10	0 36	5 1	0 51	11 15	1 17	22 59	1 0	3 54	0 45	7 31	1 53	33 30	10 14	19 29	19 30	7 40		n.a.
M 7	19 58	26 7	2 28	9 40	2 33	23 15	0 33	5 18	0 52	11 10	1 17	22 58	1 0	3 55	0 45	7 30	1 53	33 30	10 14	19 29	19 30	7 43		n.a.
T 8	19 44	23 32	1 17	9 15	2 42	23 20	0 29	5 35	0 53	11 6	1 17	22 57	1 0	3 56	0 45	7 29	1 53	33 30	10 14	19 29	19 31	7 46		n.a.
W 9	19 30	19 29	0s 0	8 52	2 50	23 24	0 26	5 52	0 53	11 1	1 17	22 56	1 0	3 56	0 46	7 29	1 53	33 30	10 14	19 29	19 32	7 49		n.a.
T 10	19 16	14 14	1 19	8 31	2 59	23 27	0 23	6 9	0 54	10 57	1 17	22 55	1 1	3 57	0 46	7 28	1 53	33 30	10 14	19 29	19 33	7 52		n.a.
F 11	19 1	8 8	2 33	8 11	3 7	23 30	0 19	6 26	0 55	10 52	1 17	22 54	1 1	3 57	0 46	7 27	1 53	33 30	10 14	19 29	19 33	7 55		n.a.
S 12	18 46	1 35	3 38	7 53	3 14	23 32	0 16	6 43	0 56	10 47	1 17	22 53	1 1	3 58	0 46	7 26	1 53	33 30	10 14	19 29	19 34	7 58		n.a.
S 13	18 30	5s 2	4 29	7 37	3 21	23 34	0 13	7 0	0 56	10 43	1 17	22 51	1 1	3 59	0 46	7 26	1 53	33 30	10 14	19 29	19 35	8 1		n.a.
M14	18 15	11 20	5 2	7 24	3 28	23 35	0 10	7 17	0 57	10 38	1 16	22 50	1 1	3 59	0 46	7 25	1 53	33 30	10 14	19 29	19 36	8 4		n.a.
T 15	17 59	16 58	5 16	7 13	3 34	23 35	0 6	7 34	0 58	10 33	1 16	22 49	1 1	4 0	0 46	7 24	1 53	33 30	10 14	19 29	19 36	8 7		n.a.
W16	17 43	21 36	5 11	7 5	3 39	23 34	0 3	7 51	0 59	10 28	1 16	22 48	1 1	4 1	0 46	7 23	1 53	33 30	10 14	19 29	19 37	8 10		n.a.
T 17	17 26	24 58	4 48	7 0	3 44	23 33	0n 0	8 8	0 59	10 24	1 16	22 47	1 1	4 1	0 46	7 22	1 53	33 30	10 14	19 29	19 38	8 13		n.a.
F 18	17 9	26 48	4 9	6 59	3 47	23 31	0 3	8 25	1 0	10 19	1 16	22 46	1 1	4 2	0 46	7 22	1 53	33 30	10 14	19 29	19 39	8 16		n.a.
S 19	16 52	27 3	3 17	7 1	3 49	23 28	0 6	8 42	1 1	10 14	1 16	22 44	1 1	4 3	0 46	7 21	1 53	33 30	10 14	19 29	19 39	8 19		n.a.
S 20	16 34	25 45	2 15	7 6	3 51	23 25	0 9	8 59	1 1	10 9	1 16	22 43	1 2	4 4	0 46	7 20	1 53	33 30	10 14	19 28	19 40	8 22		n.a.
M21	16 17	23 6	1 8	7 16	3 50	23 20	0 12	9 16	1 2	10 4	1 16	22 42	1 2	4 4	0 46	7 19	1 53	33 30	10 13	19 28	19 41	8 25		n.a.
T 22	15 59	19 20	0n 2	7 30	3 48	23 16	0 15	9 33	1 3	9 59	1 16	22 41	1 2	4 5	0 46	7 18	1 53	33 30	10 13	19 28	19 42	8 28		n.a.
W23	15 40	14 47	1 11	7 48	3 45	23 10	0 18	9 50	1 3	9 54	1 16	22 40	1 2	4 6	0 46	7 18	1 53	33 30	10 13	19 28	19 42	8 31		n.a.
T 24	15 22	9 41	2 15	8 10	3 39	23 4	0 21	10 6	1 4	9 50	1 16	22 39	1 2	4 7	0 46	7 17	1 53	33 30	10 13	19 29	19 43	8 34		n.a.
F 25	15 3	4 18	3 12	8 37	3 32	22 57	0 24	10 23	1 5	9 45	1 16	22 38	1 2	4 8	0 46	7 16	1 53	33 30	10 13	19 29	19 44	8 37		n.a.
S 26	14 44	1n10	4 0	9 7	3 23	22 49	0 27	10 40	1 5	9 40	1 16	22 36	1 2	4 8	0 46	7 15	1 53	33 30	10 13	19 30	19 45	8 40		n.a.
S 27	14 24	6 32	4 37	9 40	3 11	22 41	0 30	10 56	1 6	9 35	1 15	22 35	1 2	4 9	0 46	7 14	1 53	33 30	10 13	19 30	19 45	8 43		n.a.
M28	14 5	11 38	5 2	10 16	2 58	22 32	0 33	11 13	1 6	9 30	1 15	22 34	1 3	4 10	0 46	7 13	1 53	33 30	10 13	19 31	19 46	8 46		n.a.
T 29	13 45	16 20	5 14	10 54	2 42	22 22	0 36	11 29	1 7	9 25	1 15	22 33	1 3	4 11	0 46	7 13	1 53	33 30	10 13	19 32	19 47	8 49		n.a.
W30	13 25	20 25	5 12	11 33	2 26	22 12	0 38	11 46	1 8	9 20	1 15	22 32	1 3	4 12	0 46	7 12	1 53	33 30	10 12	19 32	19 48	8 52		n.a.
T 31	13n 4	23n44	4n57	12n13	2s 7	22n 1	0n41	12s 2	1s 8	9n15	1n15	22n31	1n 3	4s13	0s46	7n11	1n53	33s30	10s12	19s32	19s48	8n55		n.a.

Julian Day Number = 1292466.5, Delta T = 07h57m55s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'09, Lahiri = -20°10'09 Julian Calendar 1 Aug. 1175 BCE == Greg. Calendar 21 July 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

SEPTEMBER 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 55 55	26♌57'12	5♊43	21°R30	26♋56	28♎50	9♍51	25♋ 8	21°R15	16♍25	11°R22	4♒10	2♒58	11♈24	n.a.	F 1
S 2	21 59 52	27°56'42	18°17	20♌32	28°10	29°34	10° 4	25°15	21♓13	16°28	11♉21	4°11	2°55	11°31	n.a.	S 2
S 3	22 3 49	28°56'14	1♋13	19°42	29°24	0♏17	10°17	25°22	21°11	16°30	11°20	4°13	2°51	11°38	n.a.	S 3
M 4	22 7 45	29°55'49	14°34	19° 1	0♌37	1° 1	10°30	25°28	21° 9	16°32	11°20	4°14	2°48	11°44	n.a.	M 4
T 5	22 11 42	0♍55'26	28°21	18°29	1°51	1°45	10°43	25°35	21° 6	16°34	11°19	4°R15	2°45	11°51	n.a.	T 5
W 6	22 15 38	1°55'06	12♌34	18° 9	3° 5	2°29	10°56	25°42	21° 4	16°36	11°18	4°15	2°42	11°58	n.a.	W 6
T 7	22 19 35	2°54'47	27° 9	17°D59	4°19	3°12	11° 9	25°48	21° 2	16°38	11°17	4°14	2°39	12° 4	n.a.	T 7
F 8	22 23 31	3°54'31	12♍ 1	18° 0	5°32	3°56	11°22	25°55	20°59	16°41	11°17	4°11	2°36	12°11	n.a.	F 8
S 9	22 27 28	4°54'17	27° 2	18°13	6°46	4°41	11°35	26° 1	20°57	16°43	11°16	4° 7	2°32	12°18	n.a.	S 9
S 10	22 31 24	5°54'05	12♎ 2	18°35	8° 0	5°25	11°48	26° 8	20°55	16°45	11°15	4° 2	2°29	12°25	n.a.	S 10
M11	22 35 21	6°53'55	26°53	19° 7	9°14	6° 9	12° 1	26°14	20°52	16°47	11°15	3°57	2°26	12°31	n.a.	M11
T 12	22 39 17	7°53'47	11♏28	19°49	10°29	6°53	12°15	26°20	20°50	16°49	11°14	3°54	2°23	12°38	n.a.	T 12
W13	22 43 14	8°53'40	25°42	20°39	11°43	7°38	12°28	26°26	20°47	16°52	11°13	3°51	2°20	12°45	n.a.	W13
T 14	22 47 11	9°53'36	9♐34	21°36	12°57	8°22	12°41	26°33	20°45	16°54	11°13	3°D51	2°17	12°51	n.a.	T 14
F 15	22 51 7	10°53'33	23° 3	22°40	14°11	9° 7	12°54	26°39	20°43	16°56	11°12	3°51	2°13	12°58	n.a.	F 15
S 16	22 55 4	11°53'32	6♑11	23°50	15°26	9°51	13° 7	26°45	20°40	16°58	11°12	3°53	2°10	13° 5	n.a.	S 16
S 17	22 59 0	12°53'33	19° 2	25° 5	16°40	10°36	13°20	26°51	20°38	17° 1	11°11	3°54	2° 7	13°12	n.a.	S 17
M18	23 2 57	13°53'35	1♒38	26°24	17°54	11°21	13°34	26°57	20°35	17° 3	11°11	3°R55	2° 4	13°18	n.a.	M18
T 19	23 6 53	14°53'40	14° 3	27°47	19° 9	12° 6	13°47	27° 2	20°33	17° 5	11°10	3°54	2° 1	13°25	n.a.	T 19
W20	23 10 50	15°53'46	26°17	29°13	20°23	12°50	14° 0	27° 8	20°30	17° 7	11°10	3°52	1°57	13°32	n.a.	W20
T 21	23 14 46	16°53'54	8♓24	0♍42	21°38	13°35	14°13	27°14	20°28	17°10	11° 9	3°47	1°54	13°39	n.a.	T 21
F 22	23 18 43	17°54'04	20°24	2°13	22°53	14°20	14°26	27°20	20°26	17°12	11° 9	3°41	1°51	13°45	n.a.	F 22
S 23	23 22 40	18°54'16	2♈20	3°46	24° 7	15° 5	14°40	27°25	20°23	17°14	11° 9	3°32	1°48	13°52	n.a.	S 23
S 24	23 26 36	19°54'30	14°13	5°20	25°22	15°50	14°53	27°31	20°21	17°16	11° 8	3°23	1°45	13°59	n.a.	S 24
M25	23 30 33	20°54'46	26° 4	6°55	26°37	16°36	15° 6	27°36	20°18	17°19	11° 8	3°14	1°42	14° 5	n.a.	M25
T 26	23 34 29	21°55'04	7♉57	8°32	27°51	17°21	15°19	27°42	20°16	17°21	11° 8	3° 5	1°38	14°12	n.a.	T 26
W27	23 38 26	22°55'24	19°52	10° 8	29° 6	18° 6	15°32	27°47	20°13	17°23	11° 8	2°58	1°35	14°19	n.a.	W27
T 28	23 42 22	23°55'46	1♊55	11°46	0♍21	18°51	15°45	27°52	20°11	17°25	11° 7	2°53	1°32	14°26	n.a.	T 28
F 29	23 46 19	24°56'11	14° 8	13°23	1°36	19°37	15°58	27°58	20° 8	17°28	11° 7	2°51	1°29	14°32	n.a.	F 29
S 30	23 50 15	25♍56'37	26♊37	15♍ 1	2♍51	20♏22	16♍12	28♋ 3	20♓ 6	17♍30	11♉ 7	2°D50	1♒26	14♈39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n44	26n 1	4n28	12n52	1s48	21n49	0n43	12s18	1s 9	9n10	1n15	22n30	1n 3	4s14	0s46	7n10	1n52	33s30	10s12	19s32	19s49	8n58		n.a.
S 2	12 23	27 4	3 46	13 29	1 28	21 37	0 46	12 35	1 9	9 5	1 15	22 28	1 3	4 14	0 46	7 9	1 52	33 30	10 12	19 32	19 50	9 1		n.a.
S 3	12 2	26 41	2 52	14 5	1 8	21 24	0 48	12 51	1 10	9 0	1 15	22 27	1 3	4 15	0 46	7 8	1 52	33 30	10 12	19 31	19 51	9 4		n.a.
M 4	11 41	24 47	1 46	14 37	0 48	21 11	0 51	13 7	1 10	8 55	1 15	22 26	1 4	4 16	0 46	7 7	1 52	33 30	10 12	19 31	19 51	9 7		n.a.
T 5	11 20	21 22	0 32	15 5	0 28	20 56	0 53	13 23	1 11	8 50	1 15	22 25	1 4	4 17	0 46	7 6	1 52	33 30	10 12	19 31	19 52	9 10		n.a.
W 6	10 58	16 35	0s45	15 30	0 9	20 41	0 55	13 39	1 11	8 44	1 15	22 24	1 4	4 18	0 46	7 6	1 52	33 30	10 11	19 31	19 53	9 13		n.a.
T 7	10 36	10 45	2 2	15 50	0n 9	20 26	0 58	13 55	1 12	8 39	1 15	22 23	1 4	4 19	0 46	7 5	1 52	33 30	10 11	19 31	19 54	9 16		n.a.
F 8	10 14	4 13	3 12	16 6	0 26	20 10	1 0	14 10	1 12	8 34	1 15	22 22	1 4	4 20	0 46	7 4	1 52	33 30	10 11	19 32	19 54	9 19		n.a.
S 9	9 52	2s36	4 9	16 17	0 41	19 53	1 2	14 26	1 13	8 29	1 15	22 21	1 4	4 21	0 46	7 3	1 52	33 29	10 11	19 33	19 55	9 22		n.a.
S 10	9 30	9 15	4 49	16 23	0 55	19 36	1 4	14 41	1 13	8 24	1 15	22 20	1 4	4 22	0 46	7 2	1 52	33 29	10 11	19 34	19 56	9 25		n.a.
M11	9 7	15 19	5 9	16 25	1 8	19 18	1 6	14 57	1 14	8 19	1 15	22 19	1 5	4 23	0 46	7 1	1 52	33 29	10 11	19 35	19 57	9 28		n.a.
T 12	8 45	20 24	5 9	16 22	1 19	18 59	1 8	15 12	1 14	8 14	1 15	22 17	1 5	4 24	0 46	7 0	1 52	33 29	10 10	19 36	19 57	9 31		n.a.
W13	8 22	24 11	4 49	16 15	1 29	18 40	1 10	15 27	1 15	8 9	1 15	22 16	1 5	4 25	0 46	6 59	1 52	33 29	10 10	19 37	19 58	9 34		n.a.
T 14	7 59	26 25	4 13	16 5	1 38	18 21	1 12	15 42	1 15	8 3	1 15	22 15	1 5	4 26	0 46	6 59	1 52	33 29	10 10	19 37	19 59	9 37		n.a.
F 15	7 36	27 3	3 24	15 50	1 45	18 1	1 13	15 57	1 15	7 58	1 15	22 14	1 5	4 27	0 46	6 58	1 52	33 29	10 10	19 37	19 59	9 40		n.a.
S 16	7 13	26 6	2 25	15 32	1 51	17 40	1 15	16 12	1 16	7 53	1 15	22 13	1 5	4 28	0 46	6 57	1 52	33 29	10 10	19 36	20 0	9 43		n.a.
S 17	6 50	23 47	1 20	15 11	1 55	17 19	1 17	16 27	1 16	7 48	1 15	22 12	1 5	4 29	0 46	6 56	1 52	33 28	10 10	19 36	20 1	9 46		n.a.
M18	6 26	20 19	0 12	14 47	1 59	16 57	1 18	16 42	1 16	7 43	1 15	22 11	1 6	4 30	0 46	6 55	1 52	33 28	10 9	19 36	20 2	9 49		n.a.
T 19	6 3	16 1	0n55	14 20	2 1	16 35	1 20	16 56	1 17	7 38	1 15	22 10	1 6	4 31	0 46	6 54	1 52	33 28	10 9	19 36	20 2	9 52		n.a.
W20	5 39	11 7	1 58	13 51	2 3	16 12	1 21	17 10	1 17	7 33	1 15	22 9	1 6	4 32	0 46	6 53	1 52	33 28	10 9	19 36	20 3	9 54		n.a.
T 21	5 15	5 51	2 55	13 20	2 4	15 49	1 22	17 25	1 18	7 27	1 15	22 8	1 6	4 33	0 46	6 52	1 52	33 28	10 9	19 37	20 4	9 57		n.a.
F 22	4 52	0 26	3 44	12 46	2 3	15 26	1 23	17 39	1 18	7 22	1 15	22 7	1 6	4 33	0 46	6 51	1 52	33 28	10 9	19 39	20 5	10 0		n.a.
S 23	4 28	4n57	4 23	12 11	2 3	15 2	1 25	17 52	1 18	7 17	1 15	22 6	1 6	4 34	0 46	6 51	1 52	33 28	10 8	19 41	20 5	10 3		n.a.
S 24	4 4	10 8	4 50	11 35	2 1	14 37	1 26	18 6	1 19	7 12	1 15	22 5	1 7	4 35	0 46	6 50	1 52	33 27	10 8	19 43	20 6	10 6		n.a.
M25	3 40	14 56	5 4	10 57	1 59	14 12	1 27	18 20	1 19	7 7	1 15	22 4	1 7	4 36	0 46	6 49	1 52	33 27	10 8	19 45	20 7	10 9		n.a.
T 26	3 15	19 11	5 6	10 18	1 56	13 47	1 28	18 33	1 19	7 2	1 15	22 4	1 7	4 37	0 46	6 48	1 52	33 27	10 8	19 47	20 7	10 12		n.a.
W27	2 51	22 42	4 54	9 38	1 53	13 21	1 29	18 46	1 19	6 56	1 15	22 3	1 7	4 38	0 46	6 47	1 52	33 27	10 8	19 49	20 8	10 15		n.a.
T 28	2 27	25 16	4 29	8 57	1 50	12 55	1 29	19 0	1 20	6 51	1 15	22 2	1 7	4 39	0 46	6 46	1 52	33 27	10 7	19 50	20 9	10 18		n.a.
F 29	2 3	26 42	3 51	8 15	1 46	12 29	1 30	19 12	1 20	6 46	1 15	22 1	1 7	4 40	0 46	6 45	1 52	33 27	10 7	19 51	20 10	10 21		n.a.
S 30	1n38	26n49	3n 2	7n33	1n41	12n 2	1n31	19s25	1s20	6n41	1n15	22n 0	1n 8	4s41	0s46	6n44	1n52	33s26	10s 7	19s51	20s10	10n24		n.a.

Julian Day Number = 1292497.5, Delta T = 07h57m53s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'05, Lahiri = -20°10'04 Julian Calendar 1 Sept. 1175 BCE == Greg. Calendar 21 Aug. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

OCTOBER 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 12	26♍57'06	9♋26	16♍39	4♍ 6	21♏ 8	16♍25	28♋ 8	20°R 3	17♍32	11°R 7	2♒51	1♒22	14♈46	n.a.	S 1
M 2	23 58 8	27°57'36	22°39	18°17	5°21	21°53	16°38	28°13	20♓ 1	17°34	11♑ 7	2°52	1°19	14°52	n.a.	M 2
T 3	0 2 5	28°58'09	6♌19	19°55	6°36	22°39	16°51	28°18	19°58	17°36	11° 7	2°R52	1°16	14°59	n.a.	T 3
W 4	0 6 2	29°58'44	20°29	21°33	7°51	23°24	17° 4	28°23	19°56	17°39	11° 7	2°51	1°13	15° 6	n.a.	W 4
T 5	0 9 58	0♎59'20	5♍ 6	23°11	9° 6	24°10	17°17	28°27	19°54	17°41	11° 7	2°47	1°10	15°13	n.a.	T 5
F 6	0 13 55	1°59'58	20° 7	24°48	10°21	24°56	17°30	28°32	19°51	17°43	11°D 6	2°41	1° 7	15°19	n.a.	F 6
S 7	0 17 51	3° 0'38	5♎22	26°26	11°37	25°42	17°43	28°37	19°49	17°45	11° 7	2°32	1° 3	15°26	n.a.	S 7
S 8	0 21 48	4° 1'20	20°41	28° 3	12°52	26°28	17°56	28°41	19°46	17°47	11° 7	2°22	1° 0	15°33	n.a.	S 8
M 9	0 25 44	5° 2'03	5♏53	29°40	14° 7	27°13	18° 9	28°45	19°44	17°50	11° 7	2°13	0°57	15°39	n.a.	M 9
T 10	0 29 41	6° 2'47	20°47	1♎16	15°22	27°59	18°22	28°50	19°42	17°52	11° 7	2° 4	0°54	15°46	n.a.	T 10
W11	0 33 37	7° 3'33	5♐16	2°53	16°38	28°45	18°35	28°54	19°39	17°54	11° 7	1°58	0°51	15°53	n.a.	W11
T 12	0 37 34	8° 4'21	19°17	4°29	17°53	29°31	18°47	28°58	19°37	17°56	11° 7	1°54	0°48	16° 0	n.a.	T 12
F 13	0 41 31	9° 5'09	2♑50	6° 5	19° 8	0♐17	19° 0	29° 2	19°35	17°58	11° 7	1°53	0°44	16° 6	n.a.	F 13
S 14	0 45 27	10° 5'59	15°57	7°41	20°23	1° 4	19°13	29° 6	19°32	18° 0	11° 7	1°D53	0°41	16°13	n.a.	S 14
S 15	0 49 24	11° 6'49	28°41	9°16	21°39	1°50	19°26	29°10	19°30	18° 2	11° 8	1°R53	0°38	16°20	n.a.	S 15
M16	0 53 20	12° 7'41	11♒ 8	10°51	22°54	2°36	19°39	29°14	19°28	18° 5	11° 8	1°53	0°35	16°26	n.a.	M16
T 17	0 57 17	13° 8'34	23°21	12°26	24°10	3°22	19°51	29°18	19°26	18° 7	11° 8	1°50	0°32	16°33	n.a.	T 17
W18	1 1 13	14° 9'28	5♓24	14° 1	25°25	4° 8	20° 4	29°21	19°24	18° 9	11° 8	1°46	0°28	16°40	n.a.	W18
T 19	1 5 10	15°10'23	17°22	15°36	26°40	4°54	20°16	29°25	19°21	18°11	11° 9	1°38	0°25	16°47	n.a.	T 19
F 20	1 9 6	16°11'19	29°16	17°11	27°56	5°41	20°29	29°28	19°19	18°13	11° 9	1°27	0°22	16°53	n.a.	F 20
S 21	1 13 3	17°12'16	11♈ 9	18°45	29°11	6°27	20°42	29°32	19°17	18°15	11°10	1°14	0°19	17° 0	n.a.	S 21
S 22	1 17 0	18°13'14	23° 1	20°19	0♎27	7°13	20°54	29°35	19°15	18°17	11°10	1° 0	0°16	17° 7	n.a.	S 22
M23	1 20 56	19°14'14	4♉55	21°54	1°42	8° 0	21° 6	29°38	19°13	18°19	11°10	0°45	0°13	17°14	n.a.	M23
T 24	1 24 53	20°15'15	16°51	23°28	2°58	8°46	21°19	29°41	19°11	18°21	11°11	0°31	0° 9	17°20	n.a.	T 24
W25	1 28 49	21°16'17	28°51	25° 2	4°13	9°33	21°31	29°44	19° 9	18°23	11°11	0°20	0° 6	17°27	n.a.	W25
T 26	1 32 46	22°17'20	10♊57	26°36	5°29	10°19	21°43	29°47	19° 7	18°25	11°12	0°11	0° 3	17°34	n.a.	T 26
F 27	1 36 42	23°18'25	23°13	28°10	6°44	11° 5	21°56	29°50	19° 5	18°27	11°12	0° 5	29♑59	17°40	n.a.	F 27
S 28	1 40 39	24°19'31	5♋41	29°44	8° 0	11°52	22° 8	29°52	19° 3	18°29	11°13	0° 2	29°57	17°47	n.a.	S 28
S 29	1 44 35	25°20'38	18°25	1♏18	9°15	12°38	22°20	29°55	19° 1	18°31	11°14	0° 1	29°54	17°54	n.a.	S 29
M30	1 48 32	26°21'46	1♌30	2°52	10°31	13°25	22°32	29°57	18°59	18°32	11°14	0° 0	29°50	18° 1	n.a.	M30
T 31	1 52 29	27♎22'56	15♌ 0	4♏26	11♎46	14♐12	22♍44	29♋59	18♓58	18♍34	11♑15	0♒ 0	29♑47	18♈ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	1n14	25n32	2n 2	6n50	1n37	11n35	1n31	19s38	1s20	6n36	1n15	21n59	1n 8	4s42	0s46	6n44	1n52	33s26	10s 7	19s51	20s11	10n26			n.a.
M 2	0 49	22 48	0 55	6 6	1 32	11 7	1 32	19 50	1 21	6 31	1 15	21 58	1 8	4 43	0 46	6 43	1 53	33 26	10 7	19 51	20 12	10 29			n.a.
T 3	0 25	18 42	0s18	5 23	1 27	10 40	1 32	20 2	1 21	6 25	1 15	21 57	1 8	4 44	0 46	6 42	1 53	33 26	10 6	19 51	20 12	10 32			n.a.
W 4	0 1	13 26	1 33	4 38	1 21	10 12	1 33	20 14	1 21	6 20	1 15	21 57	1 8	4 45	0 46	6 41	1 53	33 26	10 6	19 51	20 13	10 35			n.a.
T 5	0s24	7 16	2 43	3 54	1 15	9 43	1 33	20 26	1 21	6 15	1 15	21 56	1 9	4 46	0 46	6 40	1 53	33 25	10 6	19 52	20 14	10 38			n.a.
F 6	0 48	0 33	3 44	3 10	1 10	9 15	1 33	20 38	1 21	6 10	1 15	21 55	1 9	4 47	0 46	6 39	1 53	33 25	10 6	19 53	20 15	10 41			n.a.
S 7	1 13	6s17	4 30	2 25	1 4	8 46	1 33	20 49	1 22	6 5	1 15	21 54	1 9	4 48	0 46	6 38	1 53	33 25	10 6	19 55	20 15	10 44			n.a.
S 8	1 37	12 47	4 57	1 40	0 58	8 16	1 33	21 0	1 22	6 0	1 15	21 53	1 9	4 49	0 46	6 38	1 53	33 25	10 5	19 57	20 16	10 47			n.a.
M 9	2 2	18 27	5 3	0 55	0 51	7 47	1 33	21 11	1 22	5 55	1 15	21 53	1 9	4 50	0 46	6 37	1 53	33 25	10 5	20 0	20 17	10 49			n.a.
T 10	2 26	22 51	4 48	0 10	0 45	7 17	1 33	21 22	1 22	5 50	1 15	21 52	1 9	4 51	0 46	6 36	1 53	33 24	10 5	20 2	20 17	10 52			n.a.
W11	2 51	25 42	4 14	0s34	0 39	6 47	1 33	21 33	1 22	5 45	1 15	21 51	1 10	4 52	0 46	6 35	1 53	33 24	10 5	20 3	20 18	10 55			n.a.
T 12	3 15	26 49	3 26	1 19	0 32	6 17	1 33	21 43	1 22	5 39	1 15	21 51	1 10	4 53	0 46	6 34	1 53	33 24	10 5	20 4	20 19	10 58			n.a.
F 13	3 40	26 16	2 28	2 4	0 26	5 47	1 33	21 53	1 22	5 34	1 15	21 50	1 10	4 54	0 46	6 33	1 53	33 24	10 4	20 4	20 19	11 1			n.a.
S 14	4 4	24 15	1 24	2 48	0 19	5 17	1 32	22 3	1 23	5 29	1 15	21 49	1 10	4 54	0 46	6 33	1 53	33 23	10 4	20 4	20 20	11 4			n.a.
S 15	4 28	21 2	0 17	3 32	0 13	4 46	1 32	22 13	1 23	5 24	1 16	21 49	1 10	4 55	0 46	6 32	1 53	33 23	10 4	20 4	20 21	11 7			n.a.
M16	4 52	16 56	0n49	4 16	0 6	4 16	1 32	22 23	1 23	5 19	1 16	21 48	1 11	4 56	0 46	6 31	1 53	33 23	10 4	20 4	20 22	11 9			n.a.
T 17	5 16	12 13	1 51	5 0	0s 0	3 45	1 31	22 32	1 23	5 14	1 16	21 47	1 11	4 57	0 46	6 30	1 53	33 23	10 3	20 5	20 22	11 12			n.a.
W18	5 40	7 5	2 48	5 43	0 7	3 14	1 30	22 41	1 23	5 9	1 16	21 47	1 11	4 58	0 46	6 29	1 53	33 22	10 3	20 6	20 23	11 15			n.a.
T 19	6 4	1 46	3 36	6 26	0 13	2 43	1 30	22 50	1 23	5 4	1 16	21 46	1 11	4 59	0 46	6 29	1 53	33 22	10 3	20 8	20 24	11 18			n.a.
F 20	6 28	3n35	4 15	7 9	0 20	2 12	1 29	22 58	1 23	4 59	1 16	21 46	1 11	5 0	0 46	6 28	1 53	33 22	10 3	20 10	20 24	11 21			n.a.
S 21	6 52	8 47	4 42	7 52	0 26	1 40	1 28	23 6	1 23	4 54	1 16	21 45	1 12	5 0	0 46	6 27	1 53	33 22	10 3	20 13	20 25	11 24			n.a.
S 22	7 16	13 40	4 57	8 34	0 32	1 9	1 27	23 14	1 23	4 50	1 16	21 45	1 12	5 1	0 46	6 26	1 53	33 22	10 2	20 16	20 26	11 26			n.a.
M23	7 39	18 3	4 59	9 16	0 39	0 38	1 26	23 22	1 23	4 45	1 16	21 44	1 12	5 2	0 46	6 25	1 53	33 21	10 2	20 19	20 26	11 29			n.a.
T 24	8 2	21 44	4 48	9 57	0 45	0 6	1 25	23 30	1 23	4 40	1 16	21 44	1 12	5 3	0 46	6 25	1 53	33 21	10 2	20 22	20 27	11 32			n.a.
W25	8 26	24 31	4 24	10 38	0 51	0s25	1 24	23 37	1 23	4 35	1 16	21 43	1 12	5 4	0 46	6 24	1 53	33 21	10 2	20 25	20 28	11 35			n.a.
T 26	8 49	26 13	3 48	11 18	0 57	0 57	1 23	23 44	1 23	4 30	1 16	21 43	1 13	5 4	0 46	6 23	1 53	33 21	10 2	20 27	20 28	11 38			n.a.
F 27	9 12	26 40	3 1	11 58	1 3	1 28	1 22	23 51	1 23	4 25	1 16	21 43	1 13	5 5	0 46	6 22	1 53	33 20	10 1	20 28	20 29	11 41			n.a.
S 28	9 35	25 47	2 5	12 37	1 8	1 59	1 21	23 57	1 23	4 20	1 17	21 42	1 13	5 6	0 46	6 22	1 53	33 20	10 1	20 29	20 30	11 43			n.a.
S 29	9 58	23 33	1 1	13 16	1 14	2 31	1 19	24 4	1 23	4 16	1 17	21 42	1 13	5 7	0 45	6 21	1 53	33 20	10 1	20 29	20 31	11 46			n.a.
M30	10 20	20 2	0s 8	13 54	1 19	3 2	1 18	24 10	1 23	4 11	1 17	21 42	1 14	5 7	0 45	6 20	1 53	33 19	10 1	20 29	20 31	11 49			n.a.
T 31	10s43	15n22	1s18	14s32	1s25	3s33	1n17	24s15	1s23	4n 6	1n17	21n41	1n14	5s 8	0s45	6n20	1n53	33s19	10s 1	20s29	20s32	11n52			n.a.

Julian Day Number = 1292527.5, Delta T = 07h57m52s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°17'01, Lahiri = -20°10'00 Julian Calendar 1 Oct. 1175 BCE == Greg. Calendar 20 Sept. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

NOVEMBER 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 56 25	28♎24'06	28♌57	6♏ 0	13♎ 2	14♐58	22♍56	0♌ 2	18°R56	18♍36	11♑16	29°R58	29♑44	18♈14	n.a.	W 1
T 2	2 0 22	29°25'17	13♍21	7°34	14°17	15°45	23° 8	0° 4	18♓54	18°38	11°16	29♑53	29°41	18°21	n.a.	T 2
F 3	2 4 18	0♏26'30	28°12	9° 8	15°33	16°31	23°20	0° 6	18°52	18°40	11°17	29°46	29°38	18°27	n.a.	F 3
S 4	2 8 15	1°27'43	13♎22	10°42	16°49	17°18	23°31	0° 8	18°51	18°41	11°18	29°36	29°34	18°34	n.a.	S 4
S 5	2 12 11	2°28'57	28°41	12°16	18° 4	18° 5	23°43	0°10	18°49	18°43	11°19	29°24	29°31	18°41	n.a.	S 5
M 6	2 16 8	3°30'12	13♏59	13°50	19°20	18°51	23°55	0°12	18°48	18°45	11°19	29°12	29°28	18°48	n.a.	M 6
T 7	2 20 5	4°31'28	29° 3	15°24	20°35	19°38	24° 6	0°13	18°46	18°47	11°20	29° 2	29°25	18°54	n.a.	T 7
W 8	2 24 1	5°32'44	13♐45	16°58	21°51	20°25	24°18	0°15	18°45	18°48	11°21	28°53	29°22	19° 1	n.a.	W 8
T 9	2 27 58	6°34'00	27°58	18°32	23° 7	21°11	24°29	0°16	18°43	18°50	11°22	28°48	29°19	19° 8	n.a.	T 9
F 10	2 31 54	7°35'17	11♑40	20° 6	24°22	21°58	24°41	0°17	18°42	18°52	11°23	28°45	29°15	19°14	n.a.	F 10
S 11	2 35 51	8°36'34	24°54	21°39	25°38	22°45	24°52	0°18	18°40	18°53	11°24	28°D44	29°12	19°21	n.a.	S 11
S 12	2 39 47	9°37'50	7♒42	23°13	26°53	23°31	25° 3	0°20	18°39	18°55	11°25	28°R44	29° 9	19°28	n.a.	S 12
M13	2 43 44	10°39'07	20° 8	24°46	28° 9	24°18	25°14	0°20	18°38	18°56	11°26	28°44	29° 6	19°35	n.a.	M13
T 14	2 47 40	11°40'24	2♓19	26°19	29°24	25° 5	25°25	0°21	18°37	18°58	11°27	28°42	29° 3	19°41	n.a.	T 14
W15	2 51 37	12°41'41	14°19	27°51	0♏40	25°52	25°36	0°22	18°35	19° 0	11°28	28°37	29° 0	19°48	n.a.	W15
T 16	2 55 34	13°42'58	26°13	29°22	1°55	26°38	25°47	0°23	18°34	19° 1	11°29	28°30	28°56	19°55	n.a.	T 16
F 17	2 59 30	14°44'14	8♈ 4	0♐53	3°11	27°25	25°58	0°23	18°33	19° 2	11°30	28°20	28°53	20° 2	n.a.	F 17
S 18	3 3 27	15°45'31	19°55	2°23	4°27	28°12	26° 8	0°24	18°32	19° 4	11°31	28° 8	28°50	20° 8	n.a.	S 18
S 19	3 7 23	16°46'48	1♉49	3°51	5°42	28°59	26°19	0°24	18°31	19° 5	11°32	27°55	28°47	20°15	n.a.	S 19
M20	3 11 20	17°48'05	13°47	5°18	6°58	29°45	26°29	0°24	18°30	19° 7	11°33	27°41	28°44	20°22	n.a.	M20
T 21	3 15 16	18°49'22	25°51	6°44	8°13	0♑32	26°40	0°R24	18°29	19° 8	11°34	27°27	28°40	20°28	n.a.	T 21
W22	3 19 13	19°50'39	8♊ 1	8° 7	9°29	1°19	26°50	0°24	18°28	19° 9	11°35	27°16	28°37	20°35	n.a.	W22
T 23	3 23 9	20°51'56	20°18	9°28	10°44	2° 6	27° 0	0°24	18°28	19°11	11°37	27° 8	28°34	20°42	n.a.	T 23
F 24	3 27 6	21°53'13	2♋45	10°46	12° 0	2°52	27°10	0°24	18°27	19°12	11°38	27° 2	28°31	20°49	n.a.	F 24
S 25	3 31 3	22°54'30	15°21	12° 0	13°15	3°39	27°21	0°23	18°26	19°13	11°39	26°59	28°28	20°55	n.a.	S 25
S 26	3 34 59	23°55'48	28°11	13°11	14°31	4°26	27°30	0°23	18°26	19°14	11°40	26°D59	28°25	21° 2	n.a.	S 26
M27	3 38 56	24°57'05	11♌18	14°16	15°46	5°12	27°40	0°22	18°25	19°16	11°41	26°59	28°21	21° 9	n.a.	M27
T 28	3 42 52	25°58'22	24°43	15°17	17° 2	5°59	27°50	0°22	18°24	19°17	11°43	27°R 0	28°18	21°16	n.a.	T 28
W29	3 46 49	26°59'39	8♍29	16°11	18°17	6°46	28° 0	0°21	18°24	19°18	11°44	26°59	28°15	21°22	n.a.	W29
T 30	3 50 45	28♏ 0'56	22♍38	16♐58	19♏33	7♑32	28♍ 9	0♌20	18♓23	19♍19	11♑45	26♑56	28♑12	21♈29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 5	9n45	2s26	15s 9	1s30	4s 5	1n15	24s21	1s23	4n 1	1n17	21n41	1n14	5s 9	0s45	6n19	1n53	33s19	10s 0	20s30	20s33	11n55		n.a.
T 2	11 27	3 28	3 27	15 45	1 35	4 36	1 14	24 26	1 23	3 57	1 17	21 41	1 14	5 9	0 45	6 18	1 53	33 19	10 0	20 31	20 33	11 57		n.a.
F 3	11 49	3s11	4 16	16 20	1 39	5 7	1 12	24 31	1 23	3 52	1 17	21 40	1 14	5 10	0 45	6 18	1 54	33 18	10 0	20 32	20 34	12 0		n.a.
S 4	12 11	9 46	4 48	16 55	1 44	5 38	1 10	24 35	1 23	3 47	1 17	21 40	1 15	5 11	0 45	6 17	1 54	33 18	10 0	20 34	20 35	12 3		n.a.
S 5	12 32	15 50	5 0	17 29	1 48	6 9	1 9	24 40	1 23	3 43	1 17	21 40	1 15	5 11	0 45	6 16	1 54	33 18	10 0	20 37	20 35	12 6		n.a.
M 6	12 53	20 54	4 50	18 2	1 52	6 39	1 7	24 44	1 22	3 38	1 17	21 40	1 15	5 12	0 45	6 16	1 54	33 18	9 59	20 39	20 36	12 8		n.a.
T 7	13 14	24 30	4 20	18 34	1 55	7 10	1 5	24 47	1 22	3 34	1 18	21 40	1 15	5 12	0 45	6 15	1 54	33 17	9 59	20 42	20 37	12 11		n.a.
W 8	13 35	26 22	3 34	19 5	1 59	7 40	1 3	24 51	1 22	3 29	1 18	21 40	1 15	5 13	0 45	6 14	1 54	33 17	9 59	20 43	20 37	12 14		n.a.
T 9	13 56	26 24	2 35	19 35	2 2	8 10	1 2	24 54	1 22	3 25	1 18	21 40	1 16	5 13	0 45	6 14	1 54	33 17	9 59	20 44	20 38	12 17		n.a.
F 10	14 16	24 47	1 29	20 3	2 5	8 40	1 0	24 57	1 22	3 20	1 18	21 39	1 16	5 14	0 45	6 13	1 54	33 17	9 59	20 45	20 39	12 19		n.a.
S 11	14 36	21 50	0 20	20 31	2 7	9 10	0 58	25 0	1 22	3 16	1 18	21 39	1 16	5 14	0 45	6 13	1 54	33 16	9 59	20 45	20 39	12 22		n.a.
S 12	14 56	17 53	0n47	20 58	2 9	9 40	0 56	25 2	1 22	3 11	1 18	21 39	1 16	5 15	0 45	6 12	1 54	33 16	9 58	20 45	20 40	12 25		n.a.
M13	15 16	13 16	1 51	21 23	2 10	10 9	0 54	25 4	1 22	3 7	1 18	21 39	1 17	5 15	0 45	6 11	1 54	33 16	9 58	20 45	20 41	12 28		n.a.
T 14	15 35	8 13	2 48	21 47	2 12	10 38	0 52	25 6	1 21	3 3	1 18	21 39	1 17	5 16	0 45	6 11	1 54	33 16	9 58	20 46	20 41	12 30		n.a.
W15	15 54	2 57	3 36	22 9	2 12	11 7	0 50	25 7	1 21	2 59	1 19	21 40	1 17	5 16	0 45	6 10	1 54	33 15	9 58	20 47	20 42	12 33		n.a.
T 16	16 13	2n22	4 15	22 30	2 12	11 36	0 48	25 8	1 21	2 54	1 19	21 40	1 17	5 17	0 45	6 10	1 54	33 15	9 58	20 48	20 43	12 36		n.a.
F 17	16 31	7 34	4 42	22 49	2 12	12 4	0 46	25 9	1 21	2 50	1 19	21 40	1 17	5 17	0 45	6 9	1 54	33 15	9 58	20 50	20 43	12 39		n.a.
S 18	16 50	12 29	4 58	23 7	2 11	12 32	0 43	25 10	1 21	2 46	1 19	21 40	1 18	5 18	0 45	6 9	1 54	33 15	9 57	20 53	20 44	12 41		n.a.
S 19	17 8	16 59	5 0	23 23	2 9	13 0	0 41	25 10	1 20	2 42	1 19	21 40	1 18	5 18	0 45	6 8	1 54	33 14	9 57	20 55	20 45	12 44		n.a.
M20	17 25	20 49	4 49	23 37	2 7	13 27	0 39	25 10	1 20	2 38	1 19	21 40	1 18	5 18	0 45	6 8	1 54	33 14	9 57	20 58	20 45	12 47		n.a.
T 21	17 42	23 49	4 25	23 49	2 3	13 54	0 37	25 10	1 20	2 34	1 19	21 40	1 18	5 19	0 45	6 7	1 54	33 14	9 57	21 1	20 46	12 50		n.a.
W22	17 59	25 46	3 49	23 59	1 59	14 21	0 34	25 9	1 20	2 30	1 20	21 41	1 19	5 19	0 45	6 7	1 55	33 13	9 57	21 3	20 47	12 52		n.a.
T 23	18 16	26 30	3 2	24 7	1 55	14 47	0 32	25 9	1 19	2 26	1 20	21 41	1 19	5 19	0 45	6 6	1 55	33 13	9 57	21 5	20 47	12 55		n.a.
F 24	18 32	25 54	2 5	24 14	1 49	15 13	0 30	25 7	1 19	2 22	1 20	21 41	1 19	5 19	0 45	6 6	1 55	33 13	9 56	21 6	20 48	12 58		n.a.
S 25	18 48	23 57	1 2	24 17	1 42	15 38	0 28	25 6	1 19	2 18	1 20	21 41	1 19	5 20	0 45	6 5	1 55	33 13	9 56	21 6	20 49	13 0		n.a.
S 26	19 4	20 46	0s 6	24 19	1 34	16 3	0 25	25 4	1 19	2 14	1 20	21 42	1 19	5 20	0 45	6 5	1 55	33 12	9 56	21 7	20 49	13 3		n.a.
M27	19 19	16 28	1 16	24 19	1 26	16 28	0 23	25 2	1 18	2 10	1 20	21 42	1 20	5 20	0 44	6 4	1 55	33 12	9 56	21 6	20 50	13 6		n.a.
T 28	19 34	11 16	2 22	24 16	1 16	16 52	0 21	25 0	1 18	2 6	1 21	21 42	1 20	5 20	0 44	6 4	1 55	33 12	9 56	21 6	20 51	13 9		n.a.
W29	19 49	5 24	3 23	24 10	1 5	17 16	0 18	24 57	1 18	2 3	1 21	21 43	1 20	5 20	0 44	6 4	1 55	33 12	9 56	21 6	20 51	13 11		n.a.
T 30	20s 3	0s53	4s12	24s 3	0s52	17s39	0n16	24s54	1s18	1n59	1n21	21n43	1n20	5s21	0s44	6n 3	1n55	33s11	9s56	21s 7	20s52	13n14		n.a.

Julian Day Number = 1292558.5, Delta T = 07h57m50s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'57, Lahiri = -20°09'56 Julian Calendar 1 Nov. 1175 BCE == Greg. Calendar 21 Oct. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1175 BCE
geocentric

DECEMBER 1175 BCE (-1174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 54 42	29♏ 2'13	7♎ 9	17♐36	20♏48	8♑19	28♍19	0°R19	18°R23	19♍20	11♑47	26°R51	28♑ 9	21♈36	n.a.	F 1
S 2	3 58 39	0♐ 3'30	21°58	18° 6	22° 4	9° 6	28°28	0♌18	18♓23	19°21	11°48	26♑44	28° 5	21°42	n.a.	S 2
S 3	4 2 35	1° 4'47	6♏58	18°27	23°19	9°52	28°37	0°17	18°22	19°22	11°49	26°35	28° 2	21°49	n.a.	S 3
M 4	4 6 32	2° 6'04	22° 1	18°R36	24°34	10°39	28°46	0°15	18°22	19°23	11°51	26°26	27°59	21°56	n.a.	M 4
T 5	4 10 28	3° 7'20	6♐56	18°35	25°50	11°26	28°55	0°14	18°22	19°24	11°52	26°18	27°56	22° 3	n.a.	T 5
W 6	4 14 25	4° 8'35	21°35	18°21	27° 5	12°12	29° 4	0°12	18°22	19°25	11°54	26°11	27°53	22° 9	n.a.	W 6
T 7	4 18 21	5° 9'50	5♑51	17°56	28°21	12°59	29°12	0°11	18°22	19°26	11°55	26° 7	27°50	22°16	n.a.	T 7
F 8	4 22 18	6°11'04	19°39	17°20	29°36	13°45	29°21	0° 9	18°D22	19°27	11°57	26°D 5	27°46	22°23	n.a.	F 8
S 9	4 26 15	7°12'17	3♒ 0	16°32	0♐52	14°32	29°30	0° 7	18°22	19°27	11°58	26° 5	27°43	22°29	n.a.	S 9
S 10	4 30 11	8°13'29	15°55	15°35	2° 7	15°19	29°38	0° 5	18°22	19°28	12° 0	26° 6	27°40	22°36	n.a.	S 10
M11	4 34 8	9°14'40	28°28	14°29	3°22	16° 5	29°46	0° 3	18°22	19°29	12° 1	26° 8	27°37	22°43	n.a.	M11
T 12	4 38 4	10°15'49	10♓42	13°18	4°38	16°52	29°54	0° 1	18°22	19°30	12° 3	26°R 8	27°34	22°50	n.a.	T 12
W13	4 42 1	11°16'58	22°44	12° 2	5°53	17°38	0♎ 2	29♋59	18°22	19°30	12° 4	26° 7	27°31	22°56	n.a.	W13
T 14	4 45 57	12°18'05	4♈38	10°45	7° 8	18°25	0°10	29°56	18°23	19°31	12° 6	26° 5	27°27	23° 3	n.a.	T 14
F 15	4 49 54	13°19'12	16°30	9°28	8°24	19°11	0°18	29°54	18°23	19°31	12° 7	26° 0	27°24	23°10	n.a.	F 15
S 16	4 53 50	14°20'17	28°22	8°14	9°39	19°57	0°25	29°51	18°23	19°32	12° 9	25°53	27°21	23°17	n.a.	S 16
S 17	4 57 47	15°21'21	10♉18	7° 5	10°54	20°44	0°32	29°49	18°24	19°33	12°10	25°46	27°18	23°23	n.a.	S 17
M18	5 1 44	16°22'24	22°22	6° 3	12° 9	21°30	0°40	29°46	18°24	19°33	12°12	25°38	27°15	23°30	n.a.	M18
T 19	5 5 40	17°23'25	4♊34	5° 8	13°25	22°17	0°47	29°43	18°25	19°34	12°13	25°31	27°11	23°37	n.a.	T 19
W20	5 9 37	18°24'26	16°57	4°21	14°40	23° 3	0°54	29°40	18°26	19°34	12°15	25°24	27° 8	23°43	n.a.	W20
T 21	5 13 33	19°25'26	29°30	3°44	15°55	23°49	1° 1	29°37	18°26	19°34	12°17	25°20	27° 5	23°50	n.a.	T 21
F 22	5 17 30	20°26'24	12♋14	3°15	17°10	24°35	1° 7	29°34	18°27	19°35	12°18	25°17	27° 2	23°57	n.a.	F 22
S 23	5 21 26	21°27'21	25°10	2°55	18°26	25°22	1°14	29°31	18°28	19°35	12°20	25°D16	26°59	24° 4	n.a.	S 23
S 24	5 25 23	22°28'17	8♌18	2°43	19°41	26° 8	1°20	29°28	18°28	19°35	12°22	25°17	26°56	24°10	n.a.	S 24
M25	5 29 20	23°29'12	21°38	2°D39	20°56	26°54	1°27	29°24	18°29	19°36	12°23	25°18	26°52	24°17	n.a.	M25
T 26	5 33 16	24°30'06	5♍12	2°44	22°11	27°40	1°33	29°21	18°30	19°36	12°25	25°20	26°49	24°24	n.a.	T 26
W27	5 37 13	25°30'59	19° 0	2°55	23°26	28°26	1°39	29°18	18°31	19°36	12°27	25°21	26°46	24°31	n.a.	W27
T 28	5 41 9	26°31'51	3♎ 2	3°13	24°42	29°12	1°44	29°14	18°32	19°36	12°28	25°R21	26°43	24°37	n.a.	T 28
F 29	5 45 6	27°32'42	17°17	3°37	25°57	29°58	1°50	29°10	18°33	19°36	12°30	25°20	26°40	24°44	n.a.	F 29
S 30	5 49 2	28°33'31	1♏43	4° 6	27°12	0♒45	1°55	29° 7	18°34	19°36	12°32	25°17	26°37	24°51	n.a.	S 30
S 31	5 52 59	29♐34'20	16♏16	4♐41	28♐27	1♒31	2♎ 1	29♋ 3	18♓35	19♍37	12♑33	25♑14	26♑33	24♈57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s16	7s16	4s47	23s53	0s39	18s 2	0n13	24s51	1s17	1n55	1n21	21n44	1n21	5s21	0s44	6n 3	1n55	33s11	9s56	21s 8	20s53	13n17		n.a.
S 2	20 30	13 22	5 4	23 41	0 24	18 24	0 11	24 48	1 17	1 52	1 21	21 44	1 21	5 21	0 44	6 3	1 55	33 11	9 55	21 9	20 53	13 19		n.a.
S 3	20 43	18 46	5 0	23 27	0 8	18 46	0 9	24 44	1 17	1 48	1 21	21 45	1 21	5 21	0 44	6 2	1 55	33 11	9 55	21 11	20 54	13 22		n.a.
M 4	20 55	23 0	4 35	23 11	0n 9	19 8	0 6	24 40	1 16	1 45	1 22	21 45	1 21	5 21	0 44	6 2	1 55	33 10	9 55	21 13	20 54	13 25		n.a.
T 5	21 8	25 38	3 52	22 53	0 27	19 28	0 4	24 36	1 16	1 41	1 22	21 46	1 21	5 21	0 44	6 2	1 55	33 10	9 55	21 14	20 55	13 27		n.a.
W 6	21 19	26 28	2 54	22 33	0 46	19 48	0 1	24 31	1 16	1 38	1 22	21 46	1 22	5 21	0 44	6 1	1 55	33 10	9 55	21 16	20 56	13 30		n.a.
T 7	21 31	25 29	1 47	22 12	1 5	20 8	0s 1	24 26	1 15	1 34	1 22	21 47	1 22	5 21	0 44	6 1	1 56	33 10	9 55	21 16	20 56	13 33		n.a.
F 8	21 42	22 56	0 35	21 49	1 25	20 27	0 3	24 21	1 15	1 31	1 22	21 47	1 22	5 21	0 44	6 1	1 56	33 9	9 55	21 17	20 57	13 35		n.a.
S 9	21 52	19 12	0n37	21 25	1 44	20 46	0 6	24 16	1 15	1 28	1 23	21 48	1 22	5 21	0 44	6 1	1 56	33 9	9 55	21 17	20 58	13 38		n.a.
S 10	22 2	14 40	1 45	21 0	2 3	21 4	0 8	24 10	1 14	1 25	1 23	21 49	1 23	5 21	0 44	6 0	1 56	33 9	9 55	21 17	20 58	13 41		n.a.
M11	22 12	9 37	2 46	20 35	2 21	21 21	0 10	24 4	1 14	1 22	1 23	21 49	1 23	5 21	0 44	6 0	1 56	33 9	9 55	21 16	20 59	13 43		n.a.
T 12	22 21	4 20	3 37	20 10	2 37	21 38	0 13	23 58	1 14	1 18	1 23	21 50	1 23	5 21	0 44	6 0	1 56	33 8	9 54	21 16	21 0	13 46		n.a.
W13	22 30	1n 1	4 18	19 46	2 52	21 54	0 15	23 52	1 13	1 15	1 23	21 51	1 23	5 20	0 44	6 0	1 56	33 8	9 54	21 16	21 0	13 48		n.a.
T 14	22 39	6 15	4 48	19 23	3 5	22 9	0 17	23 45	1 13	1 12	1 24	21 51	1 23	5 20	0 44	5 59	1 56	33 8	9 54	21 17	21 1	13 51		n.a.
F 15	22 46	11 15	5 5	19 1	3 15	22 24	0 20	23 38	1 12	1 10	1 24	21 52	1 24	5 20	0 44	5 59	1 56	33 8	9 54	21 18	21 1	13 54		n.a.
S 16	22 54	15 51	5 8	18 42	3 23	22 38	0 22	23 31	1 12	1 7	1 24	21 53	1 24	5 20	0 44	5 59	1 56	33 8	9 54	21 19	21 2	13 56		n.a.
S 17	23 1	19 52	4 59	18 26	3 28	22 51	0 24	23 23	1 12	1 4	1 24	21 54	1 24	5 20	0 44	5 59	1 56	33 7	9 54	21 21	21 3	13 59		n.a.
M18	23 7	23 6	4 36	18 12	3 32	23 4	0 27	23 15	1 11	1 1	1 24	21 54	1 24	5 20	0 44	5 59	1 56	33 7	9 54	21 22	21 3	14 2		n.a.
T 19	23 14	25 21	4 1	18 2	3 32	23 16	0 29	23 7	1 11	0 58	1 25	21 55	1 24	5 19	0 44	5 59	1 56	33 7	9 54	21 23	21 4	14 4		n.a.
W20	23 19	26 23	3 13	17 54	3 31	23 27	0 31	22 59	1 10	0 56	1 25	21 56	1 25	5 19	0 44	5 59	1 56	33 7	9 54	21 25	21 5	14 7		n.a.
T 21	23 24	26 6	2 16	17 50	3 29	23 38	0 33	22 51	1 10	0 53	1 25	21 57	1 25	5 19	0 43	5 58	1 56	33 6	9 54	21 25	21 5	14 9		n.a.
F 22	23 29	24 26	1 10	17 49	3 24	23 48	0 35	22 42	1 10	0 51	1 25	21 58	1 25	5 18	0 43	5 58	1 57	33 6	9 54	21 26	21 6	14 12		n.a.
S 23	23 33	21 28	0 1	17 51	3 18	23 57	0 38	22 33	1 9	0 48	1 26	21 59	1 25	5 18	0 43	5 58	1 57	33 6	9 54	21 26	21 6	14 15		n.a.
S 24	23 37	17 21	1s11	17 55	3 12	24 5	0 40	22 24	1 9	0 46	1 26	21 59	1 25	5 18	0 43	5 58	1 57	33 6	9 54	21 26	21 7	14 17		n.a.
M25	23 40	12 20	2 19	18 2	3 4	24 13	0 42	22 14	1 8	0 44	1 26	22 0	1 26	5 17	0 43	5 58	1 57	33 6	9 54	21 26	21 8	14 20		n.a.
T 26	23 43	6 39	3 21	18 11	2 56	24 20	0 44	22 5	1 8	0 41	1 26	22 1	1 26	5 17	0 43	5 58	1 57	33 5	9 54	21 25	21 8	14 22		n.a.
W27	23 45	0 33	4 13	18 22	2 47	24 26	0 46	21 55	1 7	0 39	1 26	22 2	1 26	5 16	0 43	5 58	1 57	33 5	9 54	21 25	21 9	14 25		n.a.
T 28	23 47	5s39	4 50	18 35	2 37	24 31	0 48	21 45	1 7	0 37	1 27	22 3	1 26	5 16	0 43	5 58	1 57	33 5	9 54	21 25	21 10	14 27		n.a.
F 29	23 49	11 39	5 10	18 49	2 27	24 36	0 50	21 34	1 6	0 35	1 27	22 4	1 26	5 16	0 43	5 58	1 57	33 5	9 54	21 25	21 10	14 30		n.a.
S 30	23 50	17 7	5 11	19 4	2 17	24 40	0 52	21 24	1 6	0 33	1 27	22 5	1 26	5 15	0 43	5 58	1 57	33 5	9 54	21 26	21 11	14 33		n.a.
S 31	23s50	21s38	4s53	19s21	2n 7	24s43	0s53	21s13	1s 6	0n31	1n27	22n 6	1n27	5s15	0s43	5n58	1n57	33s 5	9s54	21s27	21s11	14n35		n.a.

Julian Day Number = 1292588.5, Delta T = 07h57m49s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'53, Lahiri = -20°09'52 Julian Calendar 1 Dec. 1175 BCE == Greg. Calendar 20 Nov. 1175 BCE

The year -1174 astronomical counting style corresponds to year 1175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

JANUARY 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 56 55	0♉35'07	0♐51	5♐21	29♐42	2♒17	2♎ 6	28°R59	18♓37	19°R37	12♉35	25°R10	26♉30	25♈ 4	n.a.	M 1
T 2	6 0 52	1°35'53	15°21	6° 4	0♉57	3° 2	2°11	28♋55	18°38	19♍37	12°37	25♉ 7	26°27	25°11	n.a.	T 2
W 3	6 4 49	2°36'37	29°39	6°52	2°12	3°48	2°16	28°51	18°39	19°37	12°38	25° 4	26°24	25°18	n.a.	W 3
T 4	6 8 45	3°37'20	13♉41	7°43	3°27	4°34	2°20	28°47	18°41	19°36	12°40	25° 3	26°21	25°24	n.a.	T 4
F 5	6 12 42	4°38'02	27°23	8°38	4°43	5°20	2°25	28°43	18°42	19°36	12°42	25°D 2	26°17	25°31	n.a.	F 5
S 6	6 16 38	5°38'41	10♒43	9°35	5°58	6° 6	2°29	28°39	18°43	19°36	12°44	25° 3	26°14	25°38	n.a.	S 6
S 7	6 20 35	6°39'19	23°40	10°36	7°13	6°52	2°33	28°35	18°45	19°36	12°45	25° 4	26°11	25°45	n.a.	S 7
M 8	6 24 31	7°39'54	6♓16	11°39	8°28	7°37	2°37	28°31	18°47	19°36	12°47	25° 6	26° 8	25°51	n.a.	M 8
T 9	6 28 28	8°40'28	18°35	12°44	9°43	8°23	2°41	28°26	18°48	19°36	12°49	25° 7	26° 5	25°58	n.a.	T 9
W10	6 32 24	9°41'00	0♈41	13°51	10°58	9° 9	2°44	28°22	18°50	19°35	12°50	25° 8	26° 2	26° 5	n.a.	W10
T 11	6 36 21	10°41'29	12°38	15° 1	12°13	9°54	2°48	28°18	18°51	19°35	12°52	25°R 8	25°58	26°11	n.a.	T 11
F 12	6 40 18	11°41'57	24°30	16°12	13°28	10°40	2°51	28°13	18°53	19°35	12°54	25° 8	25°55	26°18	n.a.	F 12
S 13	6 44 14	12°42'23	6♉23	17°26	14°42	11°26	2°54	28° 9	18°55	19°34	12°56	25° 7	25°52	26°25	n.a.	S 13
S 14	6 48 11	13°42'46	18°21	18°41	15°57	12°11	2°57	28° 4	18°57	19°34	12°57	25° 5	25°49	26°32	n.a.	S 14
M15	6 52 7	14°43'08	0♊28	19°57	17°12	12°56	3° 0	28° 0	18°59	19°33	12°59	25° 4	25°46	26°38	n.a.	M15
T 16	6 56 4	15°43'27	12°47	21°15	18°27	13°42	3° 2	27°55	19° 1	19°33	13° 1	25° 2	25°43	26°45	n.a.	T 16
W17	7 0 0	16°43'45	25°20	22°35	19°42	14°27	3° 5	27°50	19° 2	19°32	13° 3	25° 1	25°39	26°52	n.a.	W17
T 18	7 3 57	17°44'00	8♋ 9	23°56	20°57	15°13	3° 7	27°46	19° 4	19°32	13° 4	25° 0	25°36	26°59	n.a.	T 18
F 19	7 7 53	18°44'14	21°13	25°18	22°12	15°58	3° 9	27°41	19° 7	19°31	13° 6	25°D 0	25°33	27° 5	n.a.	F 19
S 20	7 11 50	19°44'25	4♌33	26°42	23°27	16°43	3°11	27°36	19° 9	19°31	13° 8	25° 0	25°30	27°12	n.a.	S 20
S 21	7 15 47	20°44'35	18° 7	28° 7	24°41	17°28	3°12	27°32	19°11	19°30	13°10	25° 0	25°27	27°19	n.a.	S 21
M22	7 19 43	21°44'43	1♍53	29°33	25°56	18°13	3°14	27°27	19°13	19°29	13°11	25° 1	25°23	27°25	n.a.	M22
T 23	7 23 40	22°44'49	15°49	1♉ 0	27°11	18°59	3°15	27°22	19°15	19°29	13°13	25° 1	25°20	27°32	n.a.	T 23
W24	7 27 36	23°44'53	29°53	2°29	28°26	19°44	3°16	27°18	19°17	19°28	13°15	25° 1	25°17	27°39	n.a.	W24
T 25	7 31 33	24°44'55	14♎ 2	3°59	29°40	20°29	3°17	27°13	19°20	19°27	13°16	25°R 1	25°14	27°46	n.a.	T 25
F 26	7 35 29	25°44'56	28°14	5°30	0♒55	21°14	3°18	27° 8	19°22	19°26	13°18	25°D 1	25°11	27°52	n.a.	F 26
S 27	7 39 26	26°44'55	12♏27	7° 2	2°10	21°59	3°18	27° 3	19°24	19°26	13°20	25° 1	25° 8	27°59	n.a.	S 27
S 28	7 43 22	27°44'52	26°37	8°35	3°24	22°44	3°18	26°59	19°27	19°25	13°21	25° 1	25° 4	28° 6	n.a.	S 28
M29	7 47 19	28°44'48	10♐44	10° 9	4°39	23°28	3°R19	26°54	19°29	19°24	13°23	25° 2	25° 1	28°13	n.a.	M29
T 30	7 51 16	29°44'41	24°44	11°45	5°54	24°13	3°18	26°49	19°31	19°23	13°25	25° 2	24°58	28°19	n.a.	T 30
W31	7 55 12	0♒44'33	8♉33	13♉22	7♒ 8	24♒58	3♎18	26♋44	19♓34	19♍22	13♉27	25♉ 3	24♉55	28♈26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23s50	24s49	4s15	19s38	1n57	24s45	0s55	21s 2	1s 5	0n29	1n28	22n 7	1n27	5s14	0s43	5n58	1n57	33s 4	9s54	21s27	21s12	14n38			n.a.
T 2	23 50	26 21	3 21	19 56	1 46	24 47	0 57	20 51	1 5	0 27	1 28	22 8	1 27	5 14	0 43	5 58	1 57	33 4	9 54	21 28	21 13	14 40			n.a.
W 3	23 49	26 5	2 15	20 14	1 36	24 48	0 59	20 39	1 4	0 26	1 28	22 9	1 27	5 13	0 43	5 58	1 57	33 4	9 54	21 28	21 13	14 43			n.a.
T 4	23 47	24 9	1 2	20 33	1 26	24 48	1 0	20 28	1 4	0 24	1 28	22 10	1 27	5 12	0 43	5 59	1 57	33 4	9 54	21 29	21 14	14 45			n.a.
F 5	23 45	20 49	0n13	20 52	1 16	24 47	1 2	20 16	1 3	0 23	1 29	22 11	1 27	5 12	0 43	5 59	1 58	33 4	9 54	21 29	21 15	14 48			n.a.
S 6	23 43	16 28	1 25	21 11	1 6	24 45	1 4	20 4	1 3	0 21	1 29	22 12	1 28	5 11	0 43	5 59	1 58	33 3	9 54	21 29	21 15	14 50			n.a.
S 7	23 40	11 29	2 31	21 29	0 56	24 43	1 5	19 52	1 2	0 20	1 29	22 13	1 28	5 11	0 43	5 59	1 58	33 3	9 54	21 28	21 16	14 53			n.a.
M 8	23 37	6 8	3 28	21 48	0 46	24 40	1 7	19 40	1 2	0 18	1 29	22 14	1 28	5 10	0 43	5 59	1 58	33 3	9 54	21 28	21 16	14 55			n.a.
T 9	23 33	0 42	4 14	22 6	0 36	24 36	1 8	19 27	1 1	0 17	1 30	22 15	1 28	5 9	0 43	5 59	1 58	33 3	9 54	21 28	21 17	14 58			n.a.
W10	23 28	4n40	4 48	22 24	0 27	24 32	1 9	19 14	1 1	0 16	1 30	22 16	1 28	5 9	0 43	5 59	1 58	33 3	9 54	21 28	21 18	15 1			n.a.
T 11	23 24	9 47	5 9	22 41	0 17	24 26	1 11	19 1	1 0	0 15	1 30	22 17	1 28	5 8	0 43	6 0	1 58	33 3	9 54	21 28	21 18	15 3			n.a.
F 12	23 19	14 32	5 16	22 58	0 8	24 20	1 12	18 48	1 0	0 13	1 30	22 18	1 29	5 7	0 43	6 0	1 58	33 3	9 54	21 28	21 19	15 6			n.a.
S 13	23 13	18 44	5 10	23 14	0s 1	24 13	1 13	18 35	0 59	0 12	1 30	22 19	1 29	5 6	0 43	6 0	1 58	33 2	9 54	21 28	21 19	15 8			n.a.
S 14	23 7	22 13	4 50	23 30	0 9	24 6	1 15	18 22	0 59	0 11	1 31	22 20	1 29	5 6	0 43	6 0	1 58	33 2	9 54	21 28	21 20	15 11			n.a.
M15	23 0	24 47	4 18	23 44	0 17	23 58	1 16	18 8	0 58	0 11	1 31	22 21	1 29	5 5	0 42	6 0	1 58	33 2	9 54	21 28	21 21	15 13			n.a.
T 16	22 53	26 13	3 33	23 58	0 26	23 48	1 17	17 54	0 58	0 10	1 31	22 22	1 29	5 4	0 42	6 1	1 58	33 2	9 54	21 29	21 21	15 16			n.a.
W17	22 46	26 22	2 37	24 11	0 33	23 39	1 18	17 40	0 57	0 9	1 31	22 24	1 29	5 3	0 42	6 1	1 58	33 2	9 54	21 29	21 22	15 18			n.a.
T 18	22 38	25 7	1 32	24 23	0 41	23 28	1 19	17 26	0 56	0 8	1 32	22 25	1 29	5 2	0 42	6 1	1 58	33 2	9 54	21 29	21 22	15 21			n.a.
F 19	22 30	22 28	0 21	24 33	0 48	23 17	1 20	17 12	0 56	0 8	1 32	22 26	1 29	5 2	0 42	6 2	1 58	33 2	9 54	21 29	21 23	15 23			n.a.
S 20	22 21	18 35	0s53	24 43	0 55	23 5	1 21	16 58	0 55	0 7	1 32	22 27	1 30	5 1	0 42	6 2	1 59	33 2	9 54	21 29	21 24	15 25			n.a.
S 21	22 12	13 41	2 5	24 52	1 2	22 52	1 21	16 43	0 55	0 7	1 32	22 28	1 30	5 0	0 42	6 2	1 59	33 2	9 54	21 29	21 24	15 28			n.a.
M22	22 3	8 1	3 11	24 59	1 9	22 39	1 22	16 29	0 54	0 7	1 33	22 29	1 30	4 59	0 42	6 2	1 59	33 1	9 55	21 29	21 25	15 30			n.a.
T 23	21 53	1 55	4 6	25 5	1 15	22 25	1 23	16 14	0 54	0 6	1 33	22 30	1 30	4 58	0 42	6 3	1 59	33 1	9 55	21 29	21 25	15 33			n.a.
W24	21 43	4s20	4 47	25 9	1 21	22 11	1 23	15 59	0 53	0 6	1 33	22 31	1 30	4 57	0 42	6 3	1 59	33 1	9 55	21 29	21 26	15 35			n.a.
T 25	21 32	10 23	5 11	25 13	1 26	21 55	1 24	15 44	0 53	0 6	1 33	22 32	1 30	4 56	0 42	6 3	1 59	33 1	9 55	21 29	21 26	15 38			n.a.
F 26	21 21	15 56	5 17	25 15	1 31	21 39	1 24	15 29	0 52	0 6	1 34	22 33	1 30	4 55	0 42	6 4	1 59	33 1	9 55	21 29	21 27	15 40			n.a.
S 27	21 9	20 37	5 3	25 15	1 36	21 23	1 25	15 13	0 52	0 6	1 34	22 34	1 30	4 54	0 42	6 4	1 59	33 1	9 55	21 29	21 28	15 43			n.a.
S 28	20 57	24 6	4 30	25 14	1 41	21 6	1 25	14 58	0 51	0 6	1 34	22 35	1 30	4 53	0 42	6 5	1 59	33 1	9 55	21 29	21 28	15 45			n.a.
M29	20 45	26 5	3 42	25 11	1 45	20 48	1 25	14 43	0 50	0 6	1 34	22 36	1 30	4 52	0 42	6 5	1 59	33 1	9 55	21 29	21 29	15 48			n.a.
T 30	20 32	26 24	2 40	25 7	1 49	20 29	1 26	14 27	0 50	0 7	1 35	22 37	1 31	4 51	0 42	6 5	1 59	33 1	9 55	21 29	21 29	15 50			n.a.
W31	20s19	25s 3	1s30	25s 1	1s52	20s10	1s26	14s11	0s49	0n 7	1n35	22n38	1n31	4s50	0s42	6n 6	1n59	33s 1	9s55	21s29	21s30	15n52			n.a.

Julian Day Number = 1292619.5, Delta T = 07h57m47s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'48, Lahiri = -20°09'48 Julian Calendar 1 Jan. 1174 BCE == Greg. Calendar 21 Dec. 1175 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

FEBRUARY 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 9	1♒44'23	22♉11	14♉59	8♒23	25♒43	3°R18	26°R40	19♓36	19°R21	13♉28	25°R 3	24♉52	28♈33	n.a.	T 1
F 2	8 3 5	2°44'10	5♒33	16°38	9°38	26°27	3♎17	26♋35	19°39	19♍20	13°30	25♉ 3	24°49	28°39	n.a.	F 2
S 3	8 7 2	3°43'56	18°40	18°19	10°52	27°12	3°16	26°30	19°42	19°19	13°31	25° 2	24°45	28°46	n.a.	S 3
S 4	8 10 58	4°43'39	1♓30	20° 0	12° 7	27°57	3°15	26°25	19°44	19°18	13°33	25° 1	24°42	28°53	n.a.	S 4
M 5	8 14 55	5°43'20	14° 3	21°42	13°21	28°41	3°14	26°21	19°47	19°17	13°35	25° 0	24°39	29° 0	n.a.	M 5
T 6	8 18 51	6°42'58	26°22	23°26	14°36	29°26	3°13	26°16	19°50	19°16	13°36	24°58	24°36	29° 6	n.a.	T 6
W 7	8 22 48	7°42'34	8♈29	25°11	15°50	0♓10	3°11	26°12	19°52	19°15	13°38	24°56	24°33	29°13	n.a.	W 7
T 8	8 26 44	8°42'08	20°26	26°57	17° 5	0°55	3° 9	26° 7	19°55	19°14	13°40	24°55	24°29	29°20	n.a.	T 8
F 9	8 30 41	9°41'40	2♉20	28°44	18°19	1°39	3° 7	26° 2	19°58	19°13	13°41	24°54	24°26	29°26	n.a.	F 9
S 10	8 34 38	10°41'08	14°13	0♒33	19°34	2°23	3° 5	25°58	20° 1	19°12	13°43	24°D54	24°23	29°33	n.a.	S 10
S 11	8 38 34	11°40'35	26°11	2°23	20°48	3° 8	3° 3	25°53	20° 4	19°10	13°44	24°55	24°20	29°40	n.a.	S 11
M12	8 42 31	12°39'59	8♊18	4°14	22° 3	3°52	3° 0	25°49	20° 6	19° 9	13°46	24°56	24°17	29°47	n.a.	M12
T 13	8 46 27	13°39'21	20°38	6° 6	23°17	4°36	2°58	25°44	20° 9	19° 8	13°47	24°57	24°14	29°53	n.a.	T 13
W14	8 50 24	14°38'40	3♋16	8° 0	24°31	5°20	2°55	25°40	20°12	19° 7	13°49	24°59	24°10	0♉ 0	n.a.	W14
T 15	8 54 20	15°37'57	16°14	9°55	25°46	6° 4	2°52	25°36	20°15	19° 5	13°51	25° 0	24° 7	0° 7	n.a.	T 15
F 16	8 58 17	16°37'12	29°34	11°51	27° 0	6°48	2°49	25°31	20°18	19° 4	13°52	25°R 0	24° 4	0°14	n.a.	F 16
S 17	9 2 13	17°36'24	13♌15	13°49	28°14	7°32	2°45	25°27	20°21	19° 3	13°54	24°59	24° 1	0°20	n.a.	S 17
S 18	9 6 10	18°35'34	27°14	15°47	29°29	8°16	2°42	25°23	20°24	19° 1	13°55	24°57	23°58	0°27	n.a.	S 18
M19	9 10 7	19°34'42	11♍29	17°47	0♓43	9° 0	2°38	25°19	20°27	19° 0	13°56	24°54	23°55	0°34	n.a.	M19
T 20	9 14 3	20°33'48	25°55	19°47	1°57	9°44	2°34	25°15	20°30	18°59	13°58	24°50	23°51	0°40	n.a.	T 20
W21	9 18 0	21°32'51	10♎24	21°49	3°11	10°28	2°30	25°11	20°33	18°57	13°59	24°47	23°48	0°47	n.a.	W21
T 22	9 21 56	22°31'53	24°52	23°51	4°25	11°11	2°26	25° 7	20°36	18°56	14° 1	24°44	23°45	0°54	n.a.	T 22
F 23	9 25 53	23°30'53	9♏15	25°54	5°39	11°55	2°21	25° 3	20°40	18°55	14° 2	24°41	23°42	1° 1	n.a.	F 23
S 24	9 29 49	24°29'51	23°27	27°58	6°54	12°39	2°17	24°59	20°43	18°53	14° 4	24°D41	23°39	1° 7	n.a.	S 24
S 25	9 33 46	25°28'48	7♐29	0♓ 2	8° 8	13°22	2°12	24°55	20°46	18°52	14° 5	24°41	23°35	1°14	n.a.	S 25
M26	9 37 42	26°27'42	21°17	2° 6	9°22	14° 6	2° 7	24°52	20°49	18°50	14° 6	24°43	23°32	1°21	n.a.	M26
T 27	9 41 39	27°26'35	4♑54	4°10	10°36	14°49	2° 2	24°48	20°52	18°49	14° 8	24°44	23°29	1°28	n.a.	T 27
W28	9 45 35	28♒25'26	18♑17	6♓14	11♓50	15♓33	1♎57	24♋44	20♓56	18♍47	14♉ 9	24°R45	23♉26	1♉34	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 6	22s14	0s16	24s53	1s55	19s51	1s26	13s55	0s49	0n 7	1n35	22n39	1n31	4s49	0s42	6n 6	1n59	33s 1	9s56	21s29	21s31	15n55		n.a.
F 2	19 52	18 16	0n58	24 44	1 58	19 31	1 26	13 39	0 48	0 8	1 35	22 40	1 31	4 48	0 42	6 7	1 59	33 1	9 56	21 29	21 31	15 57		n.a.
S 3	19 38	13 28	2 7	24 33	2 0	19 10	1 26	13 23	0 48	0 8	1 36	22 41	1 31	4 47	0 42	6 7	1 59	33 1	9 56	21 29	21 32	16 0		n.a.
S 4	19 24	8 12	3 8	24 20	2 2	18 49	1 26	13 7	0 47	0 9	1 36	22 42	1 31	4 46	0 42	6 8	1 59	33 0	9 56	21 29	21 32	16 2		n.a.
M 5	19 9	2 42	3 59	24 5	2 4	18 27	1 26	12 51	0 46	0 10	1 36	22 43	1 31	4 45	0 42	6 8	1 59	33 0	9 56	21 29	21 33	16 4		n.a.
T 6	18 54	2n46	4 38	23 49	2 5	18 5	1 26	12 34	0 46	0 10	1 36	22 44	1 31	4 44	0 42	6 9	2 0	33 0	9 56	21 29	21 33	16 7		n.a.
W 7	18 39	8 2	5 3	23 30	2 5	17 42	1 25	12 18	0 45	0 11	1 37	22 45	1 31	4 43	0 42	6 9	2 0	33 0	9 56	21 30	21 34	16 9		n.a.
T 8	18 23	12 57	5 15	23 10	2 5	17 19	1 25	12 1	0 45	0 12	1 37	22 46	1 31	4 42	0 42	6 10	2 0	33 0	9 57	21 30	21 35	16 12		n.a.
F 9	18 7	17 22	5 13	22 47	2 5	16 55	1 25	11 45	0 44	0 13	1 37	22 47	1 31	4 41	0 42	6 10	2 0	33 0	9 57	21 30	21 35	16 14		n.a.
S 10	17 51	21 6	4 58	22 23	2 4	16 31	1 24	11 28	0 43	0 14	1 37	22 48	1 31	4 39	0 42	6 11	2 0	33 0	9 57	21 30	21 36	16 16		n.a.
S 11	17 34	23 59	4 30	21 57	2 3	16 7	1 24	11 11	0 43	0 15	1 38	22 49	1 31	4 38	0 42	6 11	2 0	33 0	9 57	21 30	21 36	16 19		n.a.
M12	17 17	25 50	3 50	21 28	2 1	15 42	1 23	10 55	0 42	0 17	1 38	22 50	1 31	4 37	0 42	6 12	2 0	33 0	9 57	21 30	21 37	16 21		n.a.
T 13	17 0	26 28	2 58	20 58	1 58	15 16	1 22	10 38	0 42	0 18	1 38	22 51	1 31	4 36	0 42	6 12	2 0	33 0	9 57	21 30	21 37	16 24		n.a.
W14	16 43	25 45	1 57	20 25	1 55	14 51	1 22	10 21	0 41	0 19	1 38	22 51	1 31	4 35	0 42	6 13	2 0	33 0	9 58	21 29	21 38	16 26		n.a.
T 15	16 25	23 38	0 48	19 51	1 52	14 24	1 21	10 4	0 40	0 21	1 38	22 52	1 31	4 33	0 42	6 13	2 0	33 0	9 58	21 29	21 39	16 28		n.a.
F 16	16 7	20 10	0s25	19 15	1 48	13 58	1 20	9 46	0 40	0 22	1 39	22 53	1 31	4 32	0 42	6 14	2 0	33 0	9 58	21 29	21 39	16 31		n.a.
S 17	15 49	15 33	1 39	18 36	1 43	13 31	1 19	9 29	0 39	0 24	1 39	22 54	1 31	4 31	0 42	6 14	2 0	33 0	9 58	21 29	21 40	16 33		n.a.
S 18	15 30	10 0	2 48	17 56	1 38	13 4	1 18	9 12	0 39	0 25	1 39	22 55	1 31	4 30	0 41	6 15	2 0	33 0	9 58	21 30	21 40	16 35		n.a.
M19	15 11	3 52	3 48	17 13	1 32	12 36	1 17	8 55	0 38	0 27	1 39	22 55	1 32	4 29	0 41	6 15	2 0	33 0	9 59	21 30	21 41	16 38		n.a.
T 20	14 52	2s32	4 34	16 29	1 26	12 8	1 16	8 37	0 37	0 29	1 39	22 56	1 32	4 27	0 41	6 16	2 0	33 0	9 59	21 31	21 41	16 40		n.a.
W21	14 33	8 49	5 3	15 43	1 19	11 40	1 15	8 20	0 37	0 31	1 40	22 57	1 32	4 26	0 41	6 17	2 0	33 0	9 59	21 32	21 42	16 42		n.a.
T 22	14 14	14 37	5 13	14 55	1 12	11 11	1 14	8 3	0 36	0 32	1 40	22 58	1 32	4 25	0 41	6 17	2 0	33 1	9 59	21 32	21 43	16 45		n.a.
F 23	13 54	19 35	5 3	14 5	1 4	10 42	1 12	7 45	0 36	0 34	1 40	22 58	1 32	4 24	0 41	6 18	2 0	33 1	9 59	21 32	21 43	16 47		n.a.
S 24	13 34	23 22	4 35	13 14	0 55	10 13	1 11	7 28	0 35	0 36	1 40	22 59	1 32	4 22	0 41	6 18	2 0	33 1	10 0	21 33	21 44	16 49		n.a.
S 25	13 14	25 42	3 50	12 22	0 46	9 44	1 10	7 10	0 34	0 38	1 40	23 0	1 32	4 21	0 41	6 19	2 0	33 1	10 0	21 32	21 44	16 52		n.a.
M26	12 54	26 25	2 53	11 28	0 36	9 14	1 8	6 53	0 34	0 41	1 41	23 1	1 32	4 20	0 41	6 20	2 0	33 1	10 0	21 32	21 45	16 54		n.a.
T 27	12 34	25 31	1 46	10 33	0 26	8 45	1 7	6 35	0 33	0 43	1 41	23 1	1 32	4 18	0 41	6 20	2 0	33 1	10 0	21 32	21 45	16 56		n.a.
W28	12s13	23s 9	0s35	9s37	0s16	8s14	1s 5	6s17	0s33	0n45	1n41	23n 2	1n32	4s17	0s41	6n21	2n 0	33s 1	10s 1	21s32	21s46	16n58		n.a.

Julian Day Number = 1292650.5, Delta T = 07h57m45s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'44, Lahiri = -20°09'44 Julian Calendar 1 Feb. 1174 BCE == Greg. Calendar 21 Jan. 1174 BCE

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

MARCH 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 32	29♒24'14	1♒29	8♓17	13♓ 4	16♓16	1°R52	24°R41	20♓59	18°R46	14♑10	24°R45	23♑23	1♉41	n.a.	T 1
F 2	9 53 29	0♓23'01	14°28	10°19	14°18	16°59	1♎46	24♋38	21° 2	18♍44	14°12	24♑43	23°20	1°48	n.a.	F 2
S 3	9 57 25	1°21'46	27°15	12°19	15°32	17°43	1°41	24°34	21° 5	18°43	14°13	24°40	23°16	1°54	n.a.	S 3
S 4	10 1 22	2°20'28	9♓51	14°18	16°46	18°26	1°35	24°31	21° 9	18°41	14°14	24°35	23°13	2° 1	n.a.	S 4
M 5	10 5 18	3°19'08	22°14	16°15	18° 0	19° 9	1°29	24°28	21°12	18°40	14°15	24°28	23°10	2° 8	n.a.	M 5
T 6	10 9 15	4°17'47	4♈27	18° 9	19°14	19°52	1°23	24°25	21°15	18°38	14°17	24°21	23° 7	2°15	n.a.	T 6
W 7	10 13 11	5°16'23	16°31	20° 1	20°27	20°35	1°17	24°22	21°19	18°36	14°18	24°14	23° 4	2°21	n.a.	W 7
T 8	10 17 8	6°14'56	28°27	21°49	21°41	21°19	1°11	24°19	21°22	18°35	14°19	24° 7	23° 0	2°28	n.a.	T 8
F 9	10 21 4	7°13'28	10♉20	23°34	22°55	22° 2	1° 5	24°16	21°25	18°33	14°20	24° 2	22°57	2°35	n.a.	F 9
S 10	10 25 1	8°11'57	22°12	25°15	24° 9	22°44	0°58	24°13	21°29	18°32	14°21	23°58	22°54	2°41	n.a.	S 10
S 11	10 28 57	9°10'24	4♊ 7	26°53	25°23	23°27	0°52	24°10	21°32	18°30	14°22	23°D57	22°51	2°48	n.a.	S 11
M12	10 32 54	10° 8'49	16°12	28°26	26°36	24°10	0°45	24° 8	21°35	18°28	14°24	23°57	22°48	2°55	n.a.	M12
T 13	10 36 51	11° 7'12	28°31	29°55	27°50	24°53	0°38	24° 5	21°39	18°27	14°25	23°58	22°45	3° 2	n.a.	T 13
W14	10 40 47	12° 5'32	11♋ 8	1♈19	29° 4	25°36	0°32	24° 3	21°42	18°25	14°26	23°59	22°41	3° 8	n.a.	W14
T 15	10 44 44	13° 3'50	24° 7	2°39	0♈17	26°19	0°25	24° 1	21°46	18°24	14°27	24°R 0	22°38	3°15	n.a.	T 15
F 16	10 48 40	14° 2'06	7♌33	3°54	1°31	27° 1	0°18	23°58	21°49	18°22	14°28	23°59	22°35	3°22	n.a.	F 16
S 17	10 52 37	15° 0'20	21°25	5° 4	2°44	27°44	0°11	23°56	21°52	18°20	14°29	23°56	22°32	3°29	n.a.	S 17
S 18	10 56 33	15°58'31	5♍42	6° 9	3°58	28°26	0° 3	23°54	21°56	18°19	14°30	23°51	22°29	3°35	n.a.	S 18
M19	11 0 30	16°56'41	20°19	7° 8	5°12	29° 9	29♍56	23°52	21°59	18°17	14°31	23°44	22°26	3°42	n.a.	M19
T 20	11 4 26	17°54'49	5♎11	8° 3	6°25	29°51	29°49	23°51	22° 3	18°15	14°32	23°36	22°22	3°49	n.a.	T 20
W21	11 8 23	18°52'55	20° 7	8°52	7°38	0♈34	29°42	23°49	22° 6	18°14	14°33	23°28	22°19	3°55	n.a.	W21
T 22	11 12 20	19°50'59	5♏ 0	9°36	8°52	1°16	29°34	23°47	22°10	18°12	14°33	23°20	22°16	4° 2	n.a.	T 22
F 23	11 16 16	20°49'02	19°41	10°15	10° 5	1°58	29°27	23°46	22°13	18°11	14°34	23°15	22°13	4° 9	n.a.	F 23
S 24	11 20 13	21°47'03	4♐ 4	10°48	11°19	2°41	29°19	23°44	22°16	18° 9	14°35	23°11	22°10	4°16	n.a.	S 24
S 25	11 24 9	22°45'03	18° 8	11°16	12°32	3°23	29°12	23°43	22°20	18° 7	14°36	23°D10	22° 6	4°22	n.a.	S 25
M26	11 28 6	23°43'02	1♑52	11°38	13°45	4° 5	29° 4	23°42	22°23	18° 6	14°37	23°10	22° 3	4°29	n.a.	M26
T 27	11 32 2	24°40'59	15°16	11°55	14°59	4°47	28°57	23°40	22°27	18° 4	14°38	23°11	22° 0	4°36	n.a.	T 27
W28	11 35 59	25°38'54	28°23	12° 7	16°12	5°29	28°49	23°39	22°30	18° 2	14°38	23°R11	21°57	4°42	n.a.	W28
T 29	11 39 55	26°36'48	11♒16	12°13	17°25	6°11	28°41	23°38	22°34	18° 1	14°39	23° 9	21°54	4°49	n.a.	T 29
F 30	11 43 52	27°34'41	23°56	12°R14	18°38	6°53	28°34	23°38	22°37	17°59	14°40	23° 5	21°51	4°56	n.a.	F 30
S 31	11 47 49	28♓32'32	6♓25	12♈10	19♈51	7♈35	28♍26	23♋37	22♓40	17♍58	14♑40	22♑59	21♑47	5♉ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	11s52	19s34	0n37	8s40	0s 5	7s44	1s 4	6s 0	0s32	0n47	1n41	23n 3	1n32	4s16	0s41	6n22	2n 0	33s 1	10s 1	21s32	21s46	17n 1					n.a.
F 2	11 31	15 5	1 45	7 44	0n 6	7 14	1 2	5 42	0 31	0 50	1 41	23 3	1 32	4 14	0 41	6 22	2 1	33 1	10 1	21 32	21 47	17 3					n.a.
S 3	11 10	10 0	2 48	6 47	0 18	6 43	1 0	5 24	0 31	0 52	1 41	23 4	1 32	4 13	0 41	6 23	2 1	33 1	10 1	21 33	21 47	17 5					n.a.
S 4	10 49	4 37	3 40	5 50	0 29	6 12	0 58	5 7	0 30	0 54	1 41	23 4	1 31	4 12	0 41	6 23	2 1	33 1	10 1	21 34	21 48	17 8					n.a.
M 5	10 27	0n52	4 22	4 53	0 41	5 41	0 57	4 49	0 30	0 57	1 42	23 5	1 31	4 10	0 41	6 24	2 1	33 1	10 2	21 35	21 49	17 10					n.a.
T 6	10 6	6 14	4 51	3 57	0 53	5 10	0 55	4 31	0 29	0 59	1 42	23 5	1 31	4 9	0 41	6 25	2 1	33 1	10 2	21 36	21 49	17 12					n.a.
W 7	9 44	11 17	5 6	3 2	1 4	4 39	0 53	4 13	0 28	1 2	1 42	23 6	1 31	4 8	0 41	6 25	2 1	33 2	10 2	21 37	21 50	17 14					n.a.
T 8	9 22	15 53	5 8	2 8	1 16	4 8	0 51	3 55	0 28	1 5	1 42	23 6	1 31	4 6	0 41	6 26	2 1	33 2	10 2	21 39	21 50	17 17					n.a.
F 9	9 0	19 50	4 57	1 16	1 27	3 36	0 49	3 38	0 27	1 7	1 42	23 7	1 31	4 5	0 41	6 27	2 1	33 2	10 3	21 40	21 51	17 19					n.a.
S 10	8 38	23 0	4 33	0 25	1 38	3 5	0 47	3 20	0 26	1 10	1 42	23 7	1 31	4 4	0 41	6 27	2 1	33 2	10 3	21 40	21 51	17 21					n.a.
S 11	8 16	25 11	3 56	0n24	1 49	2 33	0 45	3 2	0 26	1 13	1 42	23 8	1 31	4 2	0 41	6 28	2 1	33 2	10 3	21 40	21 52	17 23					n.a.
M12	7 53	26 15	3 10	1 11	1 59	2 1	0 43	2 44	0 25	1 15	1 42	23 8	1 31	4 1	0 41	6 29	2 1	33 2	10 3	21 40	21 52	17 26					n.a.
T 13	7 31	26 3	2 13	1 56	2 9	1 30	0 41	2 26	0 25	1 18	1 42	23 9	1 31	4 0	0 41	6 29	2 1	33 2	10 4	21 40	21 53	17 28					n.a.
W14	7 8	24 30	1 9	2 38	2 18	0 58	0 38	2 9	0 24	1 21	1 43	23 9	1 31	3 58	0 41	6 30	2 1	33 2	10 4	21 40	21 53	17 30					n.a.
T 15	6 46	21 38	0s 1	3 18	2 26	0 26	0 36	1 51	0 23	1 24	1 43	23 9	1 31	3 57	0 41	6 31	2 1	33 3	10 4	21 40	21 54	17 32					n.a.
F 16	6 23	17 31	1 12	3 55	2 34	0n 6	0 34	1 33	0 23	1 27	1 43	23 10	1 31	3 56	0 41	6 31	2 1	33 3	10 5	21 40	21 54	17 35					n.a.
S 17	6 0	12 22	2 22	4 30	2 41	0 38	0 32	1 15	0 22	1 30	1 43	23 10	1 31	3 54	0 41	6 32	2 1	33 3	10 5	21 41	21 55	17 37					n.a.
S 18	5 37	6 25	3 25	5 2	2 47	1 9	0 29	0 58	0 22	1 33	1 43	23 10	1 31	3 53	0 41	6 33	2 1	33 3	10 5	21 41	21 56	17 39					n.a.
M19	5 14	0s 1	4 15	5 30	2 52	1 41	0 27	0 40	0 21	1 36	1 43	23 11	1 31	3 51	0 41	6 33	2 1	33 3	10 5	21 43	21 56	17 41					n.a.
T 20	4 51	6 31	4 50	5 56	2 57	2 13	0 25	0 22	0 20	1 39	1 43	23 11	1 31	3 50	0 41	6 34	2 1	33 3	10 6	21 44	21 57	17 43					n.a.
W21	4 28	12 41	5 5	6 19	3 0	2 45	0 22	0 4	0 20	1 42	1 43	23 11	1 31	3 49	0 41	6 35	2 1	33 4	10 6	21 46	21 57	17 46					n.a.
T 22	4 5	18 5	4 59	6 39	3 2	3 16	0 20	0n13	0 19	1 45	1 43	23 12	1 31	3 47	0 41	6 35	2 1	33 4	10 6	21 47	21 58	17 48					n.a.
F 23	3 42	22 19	4 34	6 56	3 4	3 48	0 17	0 31	0 18	1 48	1 43	23 12	1 31	3 46	0 41	6 36	2 1	33 4	10 7	21 48	21 58	17 50					n.a.
S 24	3 19	25 6	3 51	7 9	3 4	4 19	0 15	0 49	0 18	1 51	1 43	23 12	1 31	3 44	0 41	6 36	2 1	33 4	10 7	21 48	21 59	17 52					n.a.
S 25	2 55	26 13	2 56	7 19	3 3	4 51	0 12	1 6	0 17	1 54	1 43	23 12	1 31	3 43	0 41	6 37	2 1	33 4	10 7	21 49	21 59	17 54					n.a.
M26	2 32	25 41	1 51	7 26	3 1	5 22	0 10	1 24	0 17	1 57	1 43	23 12	1 31	3 42	0 41	6 38	2 1	33 4	10 7	21 49	22 0	17 56					n.a.
T 27	2 9	23 39	0 42	7 30	2 58	5 53	0 7	1 41	0 16	2 0	1 43	23 12	1 30	3 40	0 41	6 38	2 1	33 5	10 8	21 48	22 0	17 59					n.a.
W28	1 45	20 22	0n28	7 31	2 53	6 24	0 4	1 59	0 15	2 3	1 43	23 13	1 30	3 39	0 41	6 39	2 1	33 5	10 8	21 48	22 1	18 1					n.a.
T 29	1 22	16 10	1 35	7 28	2 47	6 55	0 2	2 16	0 15	2 6	1 43	23 13	1 30	3 38	0 41	6 40	2 1	33 5	10 8	21 49	22 1	18 3					n.a.
F 30	0 59	11 19	2 36	7 22	2 41	7 26	0n 1	2 34	0 14	2 9	1 43	23 13	1 30	3 36	0 41	6 40	2 1	33 5	10 9	21 49	22 2	18 5					n.a.
S 31	0s35	6s 5	3n29	7n13	2n32	7n57	0n 3	2n51	0s14	2n12	1n43	23n13	1n30	3s35	0s41	6n41	2n 1	33s 6	10s 9	21s50	22s 2	18n 7					n.a.

Julian Day Number = 1292678.5, Delta T = 07h57m44s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'40, Lahiri = -20°09'40 Julian Calendar 1 March 1174 BCE == Greg. Calendar 18 Feb. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

APRIL 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 45	29♓30'21	18♓45	12°R 1	21♈ 4	8♈17	28°R18	23°R36	22♓44	17°R56	14♉41	22°R50	21♉44	5♉ 9	n.a.	S 1
M 2	11 55 42	0♈28'09	0♈57	11♈48	22°18	8°59	28♍11	23♋36	22°47	17♍54	14°42	22♉38	21°41	5°16	n.a.	M 2
T 3	11 59 38	1°25'56	13° 1	11°30	23°31	9°41	28° 3	23°35	22°51	17°53	14°42	22°26	21°38	5°23	n.a.	T 3
W 4	12 3 35	2°23'40	24°59	11° 8	24°44	10°23	27°56	23°35	22°54	17°51	14°43	22°13	21°35	5°29	n.a.	W 4
T 5	12 7 31	3°21'24	6♉53	10°43	25°57	11° 4	27°48	23°35	22°58	17°50	14°43	22° 2	21°32	5°36	n.a.	T 5
F 6	12 11 28	4°19'05	18°43	10°15	27°10	11°46	27°40	23°34	23° 1	17°48	14°44	21°52	21°28	5°43	n.a.	F 6
S 7	12 15 24	5°16'45	0♊34	9°44	28°23	12°28	27°33	23°D34	23° 4	17°47	14°45	21°44	21°25	5°50	n.a.	S 7
S 8	12 19 21	6°14'23	12°29	9°11	29°36	13° 9	27°25	23°34	23° 8	17°45	14°45	21°40	21°22	5°56	n.a.	S 8
M 9	12 23 17	7°12'00	24°32	8°37	0♉48	13°51	27°18	23°35	23°11	17°44	14°45	21°37	21°19	6° 3	n.a.	M 9
T 10	12 27 14	8° 9'35	6♋47	8° 2	2° 1	14°32	27°10	23°35	23°14	17°42	14°46	21°D37	21°16	6°10	n.a.	T 10
W11	12 31 11	9° 7'08	19°21	7°27	3°14	15°14	27° 3	23°35	23°18	17°41	14°46	21°R37	21°12	6°17	n.a.	W11
T 12	12 35 7	10° 4'40	2♌17	6°52	4°27	15°55	26°56	23°36	23°21	17°39	14°47	21°36	21° 9	6°23	n.a.	T 12
F 13	12 39 4	11° 2'10	15°40	6°18	5°40	16°36	26°49	23°36	23°24	17°38	14°47	21°35	21° 6	6°30	n.a.	F 13
S 14	12 43 0	11°59'39	29°33	5°46	6°52	17°18	26°41	23°37	23°28	17°36	14°47	21°31	21° 3	6°37	n.a.	S 14
S 15	12 46 57	12°57'06	13♍54	5°16	8° 5	17°59	26°34	23°38	23°31	17°35	14°48	21°24	21° 0	6°43	n.a.	S 15
M16	12 50 53	13°54'31	28°41	4°48	9°18	18°40	26°27	23°39	23°34	17°33	14°48	21°15	20°57	6°50	n.a.	M16
T 17	12 54 50	14°51'56	13♎47	4°24	10°30	19°21	26°20	23°40	23°38	17°32	14°48	21° 5	20°53	6°57	n.a.	T 17
W18	12 58 46	15°49'19	29° 2	4° 3	11°43	20° 3	26°13	23°41	23°41	17°31	14°49	20°54	20°50	7° 4	n.a.	W18
T 19	13 2 43	16°46'41	14♏14	3°45	12°55	20°44	26° 7	23°42	23°44	17°29	14°49	20°44	20°47	7°10	n.a.	T 19
F 20	13 6 40	17°44'03	29°13	3°32	14° 8	21°25	26° 0	23°43	23°47	17°28	14°49	20°36	20°44	7°17	n.a.	F 20
S 21	13 10 36	18°41'23	13♐52	3°23	15°20	22° 6	25°53	23°45	23°50	17°26	14°49	20°31	20°41	7°24	n.a.	S 21
S 22	13 14 33	19°38'43	28° 7	3°18	16°32	22°47	25°47	23°46	23°54	17°25	14°49	20°28	20°37	7°30	n.a.	S 22
M23	13 18 29	20°36'02	11♑55	3°D17	17°45	23°28	25°41	23°48	23°57	17°24	14°49	20°28	20°34	7°37	n.a.	M23
T 24	13 22 26	21°33'20	25°18	3°21	18°57	24° 8	25°34	23°50	24° 0	17°23	14°49	20°27	20°31	7°44	n.a.	T 24
W25	13 26 22	22°30'38	8♒20	3°30	20° 9	24°49	25°28	23°52	24° 3	17°21	14°49	20°27	20°28	7°51	n.a.	W25
T 26	13 30 19	23°27'54	21° 3	3°43	21°22	25°30	25°22	23°53	24° 6	17°20	14°50	20°25	20°25	7°57	n.a.	T 26
F 27	13 34 15	24°25'11	3♓32	4° 1	22°34	26°11	25°16	23°55	24° 9	17°19	14°R50	20°21	20°22	8° 4	n.a.	F 27
S 28	13 38 12	25°22'26	15°49	4°23	23°46	26°52	25°10	23°57	24°12	17°18	14°49	20°13	20°18	8°11	n.a.	S 28
S 29	13 42 9	26°19'41	27°57	4°49	24°58	27°32	25° 5	24° 0	24°15	17°16	14°49	20° 3	20°15	8°17	n.a.	S 29
M30	13 46 5	27♈16'55	9♈58	5♈20	26♉10	28♈13	24♍59	24♋ 2	24♓18	17♍15	14♉49	19♉51	20♉12	8♉24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s12	0s41	4n11	7n 1	2n23	8n27	0n 6	3n 8	0s13	2n15	1n43	23n13	1n30	3s33	0s41	6n42	2n 1	33s 6	10s 9	21s52	22s 3	18n 9		n.a.
M 2	0n11	4n39	4 40	6 46	2 13	8 57	0 9	3 26	0 12	2 18	1 43	23 13	1 30	3 32	0 41	6 42	2 1	33 6	10 10	21 54	22 3	18 12		n.a.
T 3	0 35	9 46	4 57	6 28	2 1	9 27	0 11	3 43	0 12	2 21	1 43	23 13	1 30	3 31	0 41	6 43	2 1	33 6	10 10	21 56	22 4	18 14		n.a.
W 4	0 58	14 29	5 1	6 8	1 48	9 57	0 14	4 0	0 11	2 24	1 43	23 13	1 30	3 29	0 41	6 43	2 1	33 6	10 10	21 58	22 4	18 16		n.a.
T 5	1 21	18 36	4 51	5 45	1 35	10 27	0 17	4 17	0 11	2 27	1 42	23 13	1 30	3 28	0 41	6 44	2 1	33 7	10 10	22 0	22 5	18 18		n.a.
F 6	1 45	21 59	4 29	5 21	1 20	10 56	0 19	4 35	0 10	2 30	1 42	23 13	1 30	3 27	0 41	6 45	2 1	33 7	10 11	22 2	22 5	18 20		n.a.
S 7	2 8	24 27	3 56	4 54	1 5	11 25	0 22	4 52	0 9	2 33	1 42	23 13	1 30	3 25	0 41	6 45	2 1	33 7	10 11	22 3	22 6	18 22		n.a.
S 8	2 31	25 50	3 11	4 26	0 49	11 54	0 25	5 9	0 9	2 36	1 42	23 13	1 30	3 24	0 41	6 46	2 1	33 7	10 11	22 4	22 6	18 24		n.a.
M 9	2 54	26 1	2 18	3 58	0 32	12 22	0 27	5 26	0 8	2 39	1 42	23 13	1 30	3 23	0 41	6 46	2 1	33 8	10 12	22 4	22 7	18 26		n.a.
T 10	3 17	24 57	1 18	3 28	0 15	12 51	0 30	5 42	0 7	2 42	1 42	23 12	1 30	3 21	0 41	6 47	2 1	33 8	10 12	22 4	22 7	18 28		n.a.
W11	3 40	22 37	0 12	2 59	0s 2	13 19	0 33	5 59	0 7	2 45	1 42	23 12	1 29	3 20	0 41	6 48	2 1	33 8	10 12	22 4	22 8	18 30		n.a.
T 12	4 3	19 4	0s56	2 29	0 19	13 46	0 35	6 16	0 6	2 47	1 42	23 12	1 29	3 18	0 41	6 48	2 1	33 8	10 13	22 4	22 8	18 33		n.a.
F 13	4 26	14 26	2 4	2 0	0 36	14 13	0 38	6 33	0 6	2 50	1 42	23 12	1 29	3 17	0 41	6 49	2 1	33 9	10 13	22 4	22 9	18 35		n.a.
S 14	4 49	8 55	3 6	1 32	0 52	14 40	0 41	6 49	0 5	2 53	1 41	23 12	1 29	3 16	0 41	6 49	2 1	33 9	10 13	22 5	22 9	18 37		n.a.
S 15	5 12	2 46	3 59	1 5	1 8	15 7	0 43	7 6	0 4	2 56	1 41	23 11	1 29	3 15	0 41	6 50	2 1	33 9	10 14	22 6	22 10	18 39		n.a.
M16	5 34	3s42	4 38	0 39	1 24	15 33	0 46	7 22	0 4	2 58	1 41	23 11	1 29	3 13	0 41	6 50	2 1	33 10	10 14	22 7	22 10	18 41		n.a.
T 17	5 57	10 5	4 58	0 16	1 39	15 59	0 48	7 39	0 3	3 1	1 41	23 11	1 29	3 12	0 41	6 51	2 1	33 10	10 14	22 9	22 11	18 43		n.a.
W18	6 20	15 55	4 57	0s 6	1 53	16 24	0 51	7 55	0 3	3 4	1 41	23 11	1 29	3 11	0 41	6 51	2 0	33 10	10 15	22 11	22 11	18 45		n.a.
T 19	6 42	20 45	4 36	0 25	2 7	16 49	0 54	8 11	0 2	3 6	1 41	23 10	1 29	3 9	0 41	6 52	2 0	33 10	10 15	22 12	22 12	18 47		n.a.
F 20	7 4	24 8	3 55	0 42	2 19	17 14	0 56	8 28	0 1	3 9	1 40	23 10	1 29	3 8	0 41	6 53	2 0	33 11	10 15	22 14	22 12	18 49		n.a.
S 21	7 26	25 49	3 0	0 56	2 30	17 38	0 59	8 44	0 1	3 11	1 40	23 10	1 29	3 7	0 41	6 53	2 0	33 11	10 16	22 14	22 13	18 51		n.a.
S 22	7 48	25 44	1 55	1 7	2 41	18 2	1 1	9 0	0 0	3 14	1 40	23 9	1 29	3 5	0 41	6 54	2 0	33 11	10 16	22 15	22 13	18 53		n.a.
M23	8 10	24 2	0 45	1 16	2 50	18 25	1 3	9 16	0n 0	3 16	1 40	23 9	1 29	3 4	0 41	6 54	2 0	33 12	10 16	22 15	22 14	18 55		n.a.
T 24	8 32	21 1	0n26	1 22	2 59	18 48	1 6	9 32	0 1	3 19	1 40	23 9	1 28	3 3	0 41	6 54	2 0	33 12	10 16	22 15	22 14	18 57		n.a.
W25	8 54	16 59	1 33	1 25	3 6	19 10	1 8	9 47	0 2	3 21	1 40	23 8	1 28	3 2	0 41	6 55	2 0	33 12	10 17	22 15	22 15	18 59		n.a.
T 26	9 16	12 17	2 34	1 26	3 12	19 32	1 11	10 3	0 2	3 23	1 39	23 8	1 28	3 0	0 41	6 55	2 0	33 13	10 17	22 15	22 15	19 1		n.a.
F 27	9 37	7 11	3 26	1 24	3 18	19 53	1 13	10 19	0 3	3 25	1 39	23 7	1 28	2 59	0 41	6 56	2 0	33 13	10 17	22 16	22 16	19 3		n.a.
S 28	9 58	1 53	4 8	1 19	3 22	20 14	1 15	10 34	0 3	3 27	1 39	23 7	1 28	2 58	0 41	6 56	2 0	33 13	10 18	22 17	22 16	19 5		n.a.
S 29	10 19	3n25	4 38	1 11	3 25	20 34	1 17	10 50	0 4	3 29	1 39	23 7	1 28	2 57	0 41	6 57	2 0	33 14	10 18	22 19	22 17	19 7		n.a.
M30	10n40	8n32	4n55	1s 1	3s27	20n54	1n20	11n 5	0n 5	3n32	1n38	23n 6	1n28	2s56	0s41	6n57	2n 0	33s14	10s18	22s20	22s17	19n 9		n.a.

Julian Day Number = 1292709.5, Delta T = 07h57m42s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'36, Lahiri = -20°09'36 Julian Calendar 1 Apr. 1174 BCE == Greg. Calendar 21 March 1174 BCE

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

MAY 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 2	28♈14'09	21♈55	5♈54	27♉22	28♈53	24°R54	24♋ 4	24♓21	17°R14	14°R49	19°R38	20♑ 9	8♉31	n.a.	T 1
W 2	13 53 58	29°11'21	3♉49	6°33	28°34	29°34	24♍49	24° 7	24°24	17♍13	14♑49	19♑24	20° 6	8°38	n.a.	W 2
T 3	13 57 55	0♉ 8'34	15°40	7°16	29°46	0♉15	24°43	24° 9	24°27	17°12	14°49	19°11	20° 3	8°44	n.a.	T 3
F 4	14 1 51	1° 5'45	27°31	8° 3	0♊58	0°55	24°38	24°12	24°30	17°11	14°49	19° 0	19°59	8°51	n.a.	F 4
S 5	14 5 48	2° 2'56	9♊23	8°54	2°10	1°35	24°34	24°15	24°33	17°10	14°49	18°52	19°56	8°58	n.a.	S 5
S 6	14 9 44	3° 0'06	21°20	9°48	3°22	2°16	24°29	24°18	24°36	17° 9	14°48	18°47	19°53	9° 4	n.a.	S 6
M 7	14 13 41	3°57'15	3♋24	10°47	4°34	2°56	24°24	24°21	24°39	17° 8	14°48	18°44	19°50	9°11	n.a.	M 7
T 8	14 17 38	4°54'23	15°40	11°48	5°46	3°37	24°20	24°24	24°42	17° 7	14°48	18°D43	19°47	9°18	n.a.	T 8
W 9	14 21 34	5°51'31	28°12	12°54	6°57	4°17	24°16	24°27	24°44	17° 6	14°48	18°43	19°43	9°25	n.a.	W 9
T 10	14 25 31	6°48'38	11♌ 5	14° 2	8° 9	4°57	24°12	24°30	24°47	17° 5	14°47	18°R43	19°40	9°31	n.a.	T 10
F 11	14 29 27	7°45'44	24°24	15°15	9°21	5°37	24° 8	24°33	24°50	17° 4	14°47	18°42	19°37	9°38	n.a.	F 11
S 12	14 33 24	8°42'50	8♍10	16°30	10°32	6°17	24° 4	24°37	24°53	17° 3	14°47	18°39	19°34	9°45	n.a.	S 12
S 13	14 37 20	9°39'54	22°25	17°49	11°44	6°58	24° 1	24°40	24°55	17° 2	14°46	18°33	19°31	9°51	n.a.	S 13
M14	14 41 17	10°36'59	7♎ 8	19°12	12°55	7°38	23°57	24°44	24°58	17° 1	14°46	18°26	19°28	9°58	n.a.	M14
T 15	14 45 14	11°34'02	22°12	20°37	14° 7	8°18	23°54	24°47	25° 1	17° 1	14°45	18°17	19°24	10° 5	n.a.	T 15
W16	14 49 10	12°31'06	7♏29	22° 6	15°18	8°58	23°51	24°51	25° 3	17° 0	14°45	18° 8	19°21	10°12	n.a.	W16
T 17	14 53 7	13°28'09	22°48	23°38	16°29	9°38	23°48	24°55	25° 6	16°59	14°44	17°59	19°18	10°18	n.a.	T 17
F 18	14 57 3	14°25'12	7♐57	25°13	17°41	10°18	23°46	24°59	25° 8	16°58	14°44	17°52	19°15	10°25	n.a.	F 18
S 19	15 1 0	15°22'15	22°47	26°51	18°52	10°57	23°43	25° 3	25°11	16°58	14°43	17°47	19°12	10°32	n.a.	S 19
S 20	15 4 56	16°19'19	7♑12	28°33	20° 3	11°37	23°41	25° 7	25°13	16°57	14°43	17°45	19° 9	10°38	n.a.	S 20
M21	15 8 53	17°16'22	21°10	0♒17	21°14	12°17	23°39	25°11	25°16	16°56	14°42	17°D45	19° 5	10°45	n.a.	M21
T 22	15 12 49	18°13'26	4♒39	2° 5	22°25	12°57	23°37	25°15	25°18	16°56	14°42	17°45	19° 2	10°52	n.a.	T 22
W23	15 16 46	19°10'29	17°43	3°55	23°36	13°37	23°35	25°20	25°20	16°55	14°41	17°R46	18°59	10°59	n.a.	W23
T 24	15 20 43	20° 7'33	0♓26	5°48	24°47	14°16	23°33	25°24	25°23	16°55	14°41	17°45	18°56	11° 5	n.a.	T 24
F 25	15 24 39	21° 4'38	12°51	7°43	25°58	14°56	23°32	25°28	25°25	16°54	14°40	17°43	18°53	11°12	n.a.	F 25
S 26	15 28 36	22° 1'42	25° 2	9°42	27° 9	15°36	23°30	25°33	25°27	16°54	14°39	17°39	18°49	11°19	n.a.	S 26
S 27	15 32 32	22°58'47	7♈ 4	11°42	28°20	16°15	23°29	25°38	25°29	16°53	14°38	17°32	18°46	11°25	n.a.	S 27
M28	15 36 29	23°55'53	19° 0	13°44	29°30	16°55	23°28	25°42	25°31	16°53	14°38	17°23	18°43	11°32	n.a.	M28
T 29	15 40 25	24°52'58	0♉53	15°48	0♋41	17°35	23°28	25°47	25°34	16°53	14°37	17°14	18°40	11°39	n.a.	T 29
W30	15 44 22	25°50'04	12°44	17°54	1°52	18°14	23°27	25°52	25°36	16°52	14°36	17° 4	18°37	11°46	n.a.	W30
T 31	15 48 19	26♉47'11	24♉36	20♉ 1	3♋ 2	18♉54	23♍27	25♋57	25♓38	16♍52	14♑35	16♑55	18♑34	11♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n 1	13n17	5n 0	0s48	3s29	21n13	1n22	11n20	0n 5	3n33	1n38	23n 6	1n28	2s54	0s41	6n58	2n 0	33s14	10s19	22s22	22s18	19n11		n.a.	T 1
W 2	11 22	17 32	4 51	0 33	3 29	21 32	1 24	11 35	0 6	3 35	1 38	23 5	1 28	2 53	0 41	6 58	2 0	33 14	10 19	22 24	22 18	19 13		n.a.	W 2
T 3	11 42	21 5	4 29	0 15	3 29	21 50	1 26	11 51	0 6	3 37	1 38	23 5	1 28	2 52	0 41	6 58	2 0	33 15	10 19	22 26	22 19	19 15		n.a.	T 3
F 4	12 3	23 45	3 56	0n 5	3 27	22 7	1 28	12 5	0 7	3 39	1 37	23 4	1 28	2 51	0 41	6 59	2 0	33 15	10 20	22 28	22 19	19 17		n.a.	F 4
S 5	12 23	25 23	3 12	0 27	3 25	22 24	1 30	12 20	0 8	3 41	1 37	23 3	1 28	2 50	0 41	6 59	2 0	33 15	10 20	22 29	22 20	19 19		n.a.	S 5
S 6	12 43	25 52	2 20	0 51	3 22	22 40	1 32	12 35	0 8	3 42	1 37	23 3	1 28	2 49	0 41	7 0	2 0	33 16	10 20	22 30	22 20	19 21		n.a.	S 6
M 7	13 3	25 8	1 20	1 18	3 19	22 56	1 33	12 50	0 9	3 44	1 37	23 2	1 27	2 47	0 41	7 0	2 0	33 16	10 21	22 30	22 21	19 23		n.a.	M 7
T 8	13 22	23 10	0 16	1 46	3 14	23 11	1 35	13 4	0 9	3 45	1 36	23 2	1 27	2 46	0 41	7 0	2 0	33 16	10 21	22 30	22 21	19 25		n.a.	T 8
W 9	13 42	20 3	0s50	2 17	3 9	23 25	1 37	13 19	0 10	3 47	1 36	23 1	1 27	2 45	0 41	7 1	2 0	33 17	10 21	22 30	22 21	19 27		n.a.	W 9
T 10	14 1	15 53	1 56	2 49	3 3	23 39	1 39	13 33	0 10	3 48	1 36	23 0	1 27	2 44	0 41	7 1	2 0	33 17	10 21	22 30	22 22	19 29		n.a.	T 10
F 11	14 20	10 49	2 57	3 23	2 57	23 52	1 40	13 47	0 11	3 50	1 36	23 0	1 27	2 43	0 41	7 1	2 0	33 18	10 22	22 30	22 22	19 31		n.a.	F 11
S 12	14 38	5 5	3 51	3 59	2 50	24 4	1 42	14 1	0 12	3 51	1 35	22 59	1 27	2 42	0 41	7 2	2 0	33 18	10 22	22 31	22 23	19 33		n.a.	S 12
S 13	14 57	1s 6	4 32	4 37	2 42	24 16	1 43	14 15	0 12	3 52	1 35	22 58	1 27	2 41	0 41	7 2	2 0	33 18	10 22	22 32	22 23	19 34		n.a.	S 13
M14	15 15	7 24	4 57	5 16	2 34	24 27	1 45	14 29	0 13	3 53	1 35	22 58	1 27	2 40	0 41	7 2	1 59	33 19	10 23	22 33	22 24	19 36		n.a.	M14
T 15	15 33	13 26	5 2	5 56	2 25	24 38	1 46	14 43	0 13	3 54	1 34	22 57	1 27	2 39	0 41	7 2	1 59	33 19	10 23	22 34	22 24	19 38		n.a.	T 15
W16	15 51	18 44	4 46	6 39	2 16	24 47	1 47	14 56	0 14	3 55	1 34	22 56	1 27	2 38	0 42	7 3	1 59	33 19	10 23	22 35	22 25	19 40		n.a.	W16
T 17	16 8	22 47	4 9	7 22	2 7	24 56	1 48	15 10	0 14	3 56	1 34	22 55	1 27	2 37	0 42	7 3	1 59	33 20	10 24	22 36	22 25	19 42		n.a.	T 17
F 18	16 26	25 12	3 15	8 7	1 57	25 4	1 50	15 23	0 15	3 57	1 34	22 54	1 27	2 36	0 42	7 3	1 59	33 20	10 24	22 37	22 26	19 44		n.a.	F 18
S 19	16 43	25 47	2 9	8 52	1 46	25 12	1 51	15 36	0 16	3 57	1 33	22 54	1 27	2 35	0 42	7 3	1 59	33 20	10 24	22 38	22 26	19 46		n.a.	S 19
S 20	17 0	24 34	0 56	9 39	1 35	25 19	1 52	15 50	0 16	3 58	1 33	22 53	1 27	2 34	0 42	7 4	1 59	33 21	10 24	22 38	22 27	19 48		n.a.	S 20
M21	17 16	21 50	0n18	10 27	1 24	25 25	1 53	16 3	0 17	3 59	1 33	22 52	1 27	2 33	0 42	7 4	1 59	33 21	10 25	22 38	22 27	19 50		n.a.	M21
T 22	17 32	17 59	1 29	11 15	1 13	25 30	1 53	16 15	0 17	3 59	1 32	22 51	1 26	2 32	0 42	7 4	1 59	33 21	10 25	22 38	22 27	19 51		n.a.	T 22
W23	17 48	13 21	2 33	12 4	1 2	25 35	1 54	16 28	0 18	4 0	1 32	22 50	1 26	2 31	0 42	7 4	1 59	33 22	10 25	22 38	22 28	19 53		n.a.	W23
T 24	18 4	8 16	3 28	12 53	0 50	25 39	1 55	16 41	0 18	4 0	1 32	22 49	1 26	2 30	0 42	7 4	1 59	33 22	10 26	22 38	22 28	19 55		n.a.	T 24
F 25	18 19	2 59	4 11	13 42	0 39	25 42	1 55	16 53	0 19	4 0	1 31	22 49	1 26	2 29	0 42	7 4	1 59	33 22	10 26	22 38	22 29	19 57		n.a.	F 25
S 26	18 35	2n18	4 42	14 32	0 27	25 44	1 56	17 6	0 20	4 1	1 31	22 48	1 26	2 28	0 42	7 5	1 59	33 23	10 26	22 39	22 29	19 59		n.a.	S 26
S 27	18 49	7 26	5 0	15 21	0 16	25 46	1 56	17 18	0 20	4 1	1 31	22 47	1 26	2 28	0 42	7 5	1 59	33 23	10 26	22 40	22 30	20 1		n.a.	S 27
M28	19 4	12 15	5 5	16 9	0 5	25 47	1 57	17 30	0 21	4 1	1 31	22 46	1 26	2 27	0 42	7 5	1 59	33 23	10 27	22 41	22 30	20 3		n.a.	M28
T 29	19 18	16 35	4 57	16 57	0n 6	25 47	1 57	17 42	0 21	4 1	1 30	22 45	1 26	2 26	0 42	7 5	1 59	33 24	10 27	22 42	22 31	20 4		n.a.	T 29
W30	19 32	20 17	4 36	17 43	0 17	25 46	1 57	17 54	0 22	4 1	1 30	22 44	1 26	2 25	0 42	7 5	1 59	33 24	10 27	22 44	22 31	20 6		n.a.	W30
T 31	19n46	23n 9	4n 3	18n29	0n28	25n45	1n57	18n 5	0n22	4n 1	1n30	22n43	1n26	2s24	0s42	7n 5	1n59	33s25	10s27	22s45	22s32	20n 8		n.a.	T 31

Julian Day Number = 1292739.5, Delta T = 07h57m40s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'32, Lahiri = -20°09'32 Julian Calendar 1 May 1174 BCE == Greg. Calendar 20 Apr. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

JUNE 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 52 15	27♉44'17	6♊30	22♉ 9	4♋13	19♉33	23°R26	26♋ 2	25♓40	16°R52	14°R35	16°R47	18♏30	11♉59	n.a.	F 1
S 2	15 56 12	28°41'24	18°27	24°18	5°23	20°13	23°D26	26° 7	25°42	16♍51	14♏34	16♏41	18°27	12° 6	n.a.	S 2
S 3	16 0 8	29°38'32	0♋31	26°27	6°33	20°52	23♍27	26°12	25°44	16°51	14°33	16°38	18°24	12°12	n.a.	S 3
M 4	16 4 5	0♊35'39	12°43	28°36	7°44	21°31	23°27	26°17	25°46	16°51	14°32	16°D36	18°21	12°19	n.a.	M 4
T 5	16 8 1	1°32'47	25° 6	0♊45	8°54	22°11	23°28	26°22	25°47	16°51	14°31	16°37	18°18	12°26	n.a.	T 5
W 6	16 11 58	2°29'55	7♌43	2°54	10° 4	22°50	23°28	26°28	25°49	16°51	14°30	16°38	18°15	12°33	n.a.	W 6
T 7	16 15 54	3°27'03	20°38	5° 2	11°14	23°29	23°29	26°33	25°51	16°50	14°29	16°39	18°11	12°39	n.a.	T 7
F 8	16 19 51	4°24'12	3♍55	7° 9	12°24	24° 9	23°30	26°38	25°53	16°50	14°29	16°R40	18° 8	12°46	n.a.	F 8
S 9	16 23 48	5°21'20	17°35	9°15	13°34	24°48	23°32	26°44	25°54	16°50	14°28	16°39	18° 5	12°53	n.a.	S 9
S 10	16 27 44	6°18'29	1♎41	11°20	14°44	25°27	23°33	26°49	25°56	16°D50	14°27	16°37	18° 2	12°59	n.a.	S 10
M11	16 31 41	7°15'38	16°10	13°24	15°54	26° 6	23°35	26°55	25°58	16°50	14°26	16°33	17°59	13° 6	n.a.	M11
T 12	16 35 37	8°12'48	1♏ 0	15°26	17° 3	26°45	23°36	27° 1	25°59	16°50	14°25	16°28	17°55	13°13	n.a.	T 12
W13	16 39 34	9° 9'58	16° 4	17°27	18°13	27°24	23°38	27° 6	26° 1	16°51	14°24	16°23	17°52	13°20	n.a.	W13
T 14	16 43 30	10° 7'09	1♐13	19°26	19°22	28° 3	23°40	27°12	26° 2	16°51	14°23	16°18	17°49	13°26	n.a.	T 14
F 15	16 47 27	11° 4'21	16°17	21°24	20°32	28°42	23°43	27°18	26° 3	16°51	14°22	16°14	17°46	13°33	n.a.	F 15
S 16	16 51 24	12° 1'33	1♑ 7	23°20	21°41	29°21	23°45	27°24	26° 5	16°51	14°21	16°11	17°43	13°40	n.a.	S 16
S 17	16 55 20	12°58'47	15°36	25°14	22°50	0♊ 0	23°48	27°30	26° 6	16°51	14°19	16°D11	17°40	13°46	n.a.	S 17
M18	16 59 17	13°56'01	29°39	27° 7	24° 0	0°39	23°51	27°36	26° 7	16°51	14°18	16°11	17°36	13°53	n.a.	M18
T 19	17 3 13	14°53'17	13♒15	28°58	25° 9	1°18	23°54	27°42	26° 9	16°52	14°17	16°13	17°33	14° 0	n.a.	T 19
W20	17 7 10	15°50'33	26°25	0♋47	26°18	1°57	23°57	27°48	26°10	16°52	14°16	16°14	17°30	14° 7	n.a.	W20
T 21	17 11 6	16°47'51	9♓11	2°35	27°27	2°36	24° 0	27°54	26°11	16°52	14°15	16°15	17°27	14°13	n.a.	T 21
F 22	17 15 3	17°45'10	21°38	4°21	28°35	3°15	24° 4	28° 1	26°12	16°53	14°14	16°R15	17°24	14°20	n.a.	F 22
S 23	17 18 59	18°42'30	3♈50	6° 5	29°44	3°54	24° 8	28° 7	26°13	16°53	14°13	16°14	17°20	14°27	n.a.	S 23
S 24	17 22 56	19°39'52	15°51	7°47	0♌53	4°32	24°11	28°13	26°14	16°54	14°12	16°12	17°17	14°33	n.a.	S 24
M25	17 26 53	20°37'15	27°45	9°28	2° 1	5°11	24°15	28°19	26°15	16°54	14°10	16° 9	17°14	14°40	n.a.	M25
T 26	17 30 49	21°34'39	9♉36	11° 8	3° 9	5°50	24°20	28°26	26°16	16°55	14° 9	16° 5	17°11	14°47	n.a.	T 26
W27	17 34 46	22°32'04	21°28	12°45	4°18	6°28	24°24	28°32	26°17	16°55	14° 8	16° 1	17° 8	14°54	n.a.	W27
T 28	17 38 42	23°29'31	3♊22	14°21	5°26	7° 7	24°28	28°39	26°18	16°56	14° 7	15°57	17° 5	15° 0	n.a.	T 28
F 29	17 42 39	24°26'59	15°22	15°56	6°34	7°46	24°33	28°45	26°18	16°56	14° 6	15°54	17° 1	15° 7	n.a.	F 29
S 30	17 46 35	25♊24'29	27♊29	17♋28	7♌42	8♊24	24♍38	28♋52	26♓19	16♍57	14♑ 4	15♑52	16♑58	15♉14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n59	25n 1	3n19	19n13	0n38	25n43	1n57	18n17	0n23	4n 1	1n29	22n42	1n26	2s23	0s42	7n 5	1n58	33s25	10s28	22s46	22s32	20n10		n.a.
S 2	20 12	25 45	2 26	19 55	0 47	25 40	1 57	18 28	0 24	4 0	1 29	22 41	1 26	2 23	0 42	7 5	1 58	33 25	10 28	22 46	22 32	20 12		n.a.
S 3	20 24	25 16	1 26	20 35	0 56	25 37	1 57	18 39	0 24	4 0	1 29	22 40	1 26	2 22	0 42	7 5	1 58	33 26	10 28	22 47	22 33	20 13		n.a.
M 4	20 37	23 34	0 21	21 14	1 5	25 33	1 57	18 50	0 25	3 59	1 28	22 39	1 26	2 21	0 42	7 5	1 58	33 26	10 28	22 47	22 33	20 15		n.a.
T 5	20 49	20 43	0s46	21 49	1 12	25 28	1 56	19 1	0 25	3 59	1 28	22 38	1 26	2 20	0 42	7 5	1 58	33 26	10 29	22 47	22 34	20 17		n.a.
W 6	21 0	16 50	1 52	22 23	1 19	25 22	1 56	19 12	0 26	3 58	1 28	22 37	1 26	2 20	0 42	7 5	1 58	33 27	10 29	22 47	22 34	20 19		n.a.
T 7	21 11	12 6	2 54	22 54	1 26	25 16	1 55	19 23	0 26	3 58	1 27	22 36	1 26	2 19	0 42	7 5	1 58	33 27	10 29	22 47	22 35	20 21		n.a.
F 8	21 22	6 42	3 48	23 22	1 32	25 9	1 55	19 33	0 27	3 57	1 27	22 34	1 26	2 18	0 42	7 5	1 58	33 27	10 29	22 47	22 35	20 22		n.a.
S 9	21 33	0 50	4 31	23 48	1 37	25 1	1 54	19 43	0 27	3 56	1 27	22 33	1 26	2 18	0 42	7 5	1 58	33 28	10 30	22 47	22 35	20 24		n.a.
S 10	21 43	5s15	5 0	24 11	1 41	24 53	1 53	19 54	0 28	3 55	1 26	22 32	1 26	2 17	0 42	7 5	1 58	33 28	10 30	22 47	22 36	20 26		n.a.
M11	21 53	11 13	5 10	24 31	1 45	24 43	1 52	20 4	0 29	3 54	1 26	22 31	1 26	2 17	0 42	7 5	1 58	33 28	10 30	22 47	22 36	20 28		n.a.
T 12	22 2	16 41	5 0	24 48	1 48	24 34	1 51	20 13	0 29	3 53	1 26	22 30	1 25	2 16	0 42	7 5	1 58	33 29	10 30	22 48	22 37	20 29		n.a.
W13	22 11	21 13	4 30	25 3	1 50	24 23	1 50	20 23	0 30	3 52	1 26	22 29	1 25	2 15	0 42	7 5	1 58	33 29	10 31	22 49	22 37	20 31		n.a.
T 14	22 20	24 20	3 40	25 16	1 52	24 12	1 49	20 33	0 30	3 51	1 25	22 28	1 25	2 15	0 42	7 5	1 58	33 29	10 31	22 49	22 38	20 33		n.a.
F 15	22 28	25 42	2 36	25 25	1 53	24 0	1 47	20 42	0 31	3 50	1 25	22 26	1 25	2 14	0 42	7 5	1 58	33 30	10 31	22 50	22 38	20 35		n.a.
S 16	22 36	25 11	1 21	25 33	1 53	23 48	1 46	20 51	0 31	3 49	1 25	22 25	1 25	2 14	0 42	7 4	1 58	33 30	10 31	22 50	22 38	20 36		n.a.
S 17	22 44	22 58	0 3	25 37	1 53	23 35	1 44	21 0	0 32	3 47	1 24	22 24	1 25	2 13	0 42	7 4	1 58	33 30	10 31	22 50	22 39	20 38		n.a.
M18	22 51	19 22	1n13	25 40	1 52	23 21	1 43	21 9	0 32	3 46	1 24	22 23	1 25	2 13	0 42	7 4	1 57	33 31	10 32	22 50	22 39	20 40		n.a.
T 19	22 58	14 51	2 23	25 40	1 50	23 6	1 41	21 18	0 33	3 44	1 24	22 21	1 25	2 12	0 42	7 4	1 57	33 31	10 32	22 50	22 40	20 41		n.a.
W20	23 4	9 45	3 22	25 38	1 48	22 52	1 39	21 26	0 33	3 43	1 23	22 20	1 25	2 12	0 42	7 4	1 57	33 31	10 32	22 50	22 40	20 43		n.a.
T 21	23 10	4 24	4 10	25 34	1 46	22 36	1 37	21 35	0 34	3 41	1 23	22 19	1 25	2 11	0 42	7 4	1 57	33 32	10 32	22 50	22 41	20 45		n.a.
F 22	23 16	0n59	4 45	25 28	1 43	22 20	1 35	21 43	0 35	3 39	1 23	22 18	1 25	2 11	0 43	7 3	1 57	33 32	10 32	22 50	22 41	20 46		n.a.
S 23	23 21	6 13	5 6	25 21	1 39	22 3	1 33	21 51	0 35	3 38	1 22	22 16	1 25	2 11	0 43	7 3	1 57	33 32	10 32	22 50	22 41	20 48		n.a.
S 24	23 25	11 8	5 13	25 11	1 35	21 46	1 31	21 59	0 36	3 36	1 22	22 15	1 25	2 10	0 43	7 3	1 57	33 32	10 33	22 50	22 42	20 50		n.a.
M25	23 30	15 36	5 7	25 0	1 31	21 28	1 28	22 7	0 36	3 34	1 22	22 14	1 25	2 10	0 43	7 3	1 57	33 33	10 33	22 50	22 42	20 51		n.a.
T 26	23 34	19 27	4 48	24 47	1 26	21 10	1 26	22 14	0 37	3 32	1 22	22 12	1 25	2 10	0 43	7 2	1 57	33 33	10 33	22 51	22 43	20 53		n.a.
W27	23 37	22 32	4 16	24 33	1 20	20 51	1 23	22 21	0 37	3 30	1 21	22 11	1 25	2 9	0 43	7 2	1 57	33 33	10 33	22 51	22 43	20 55		n.a.
T 28	23 40	24 39	3 33	24 17	1 15	20 31	1 20	22 29	0 38	3 28	1 21	22 10	1 25	2 9	0 43	7 2	1 57	33 34	10 33	22 52	22 43	20 56		n.a.
F 29	23 43	25 40	2 40	24 0	1 8	20 11	1 18	22 36	0 38	3 26	1 21	22 8	1 25	2 9	0 43	7 2	1 57	33 34	10 33	22 52	22 44	20 58		n.a.
S 30	23n45	25n28	1n40	23n42	1n 2	19n51	1n15	22n42	0n39	3n24	1n20	22n 7	1n25	2s 8	0s43	7n 1	1n57	33s34	10s34	22s52	22s44	21n 0		n.a.

Julian Day Number = 1292770.5, Delta T = 07h57m39s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'28, Lahiri = -20°09'27 Julian Calendar 1 June 1174 BCE == Greg. Calendar 21 May 1174 BCE

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

JULY 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 32	26♊22'00	9♋45	18♋59	8♌50	9♊ 3	24♍43	28♋59	26♓20	16♍58	14°R 3	15°D51	16♑55	15♉20	n.a.	S 1
M 2	17 54 29	27°19'32	22°11	20°29	9°58	9°42	24°48	29° 5	26°20	16°58	14♑ 2	15♑51	16°52	15°27	n.a.	M 2
T 3	17 58 25	28°17'05	4♌49	21°56	11° 5	10°20	24°53	29°12	26°21	16°59	14° 1	15°52	16°49	15°34	n.a.	T 3
W 4	18 2 22	29°14'39	17°40	23°22	12°13	10°59	24°59	29°19	26°21	17° 0	13°59	15°53	16°46	15°40	n.a.	W 4
T 5	18 6 18	0♋12'14	0♍46	24°47	13°20	11°37	25° 4	29°26	26°22	17° 1	13°58	15°55	16°42	15°47	n.a.	T 5
F 6	18 10 15	1° 9'51	14° 9	26° 9	14°27	12°16	25°10	29°32	26°22	17° 1	13°57	15°56	16°39	15°54	n.a.	F 6
S 7	18 14 11	2° 7'28	27°49	27°30	15°34	12°54	25°16	29°39	26°23	17° 2	13°56	15°R56	16°36	16° 1	n.a.	S 7
S 8	18 18 8	3° 5'07	11♎48	28°49	16°41	13°32	25°22	29°46	26°23	17° 3	13°54	15°56	16°33	16° 7	n.a.	S 8
M 9	18 22 4	4° 2'47	26° 4	0♌ 6	17°48	14°11	25°28	29°53	26°23	17° 4	13°53	15°55	16°30	16°14	n.a.	M 9
T 10	18 26 1	5° 0'28	10♏35	1°21	18°54	14°49	25°35	29°59	26°23	17° 5	13°52	15°54	16°26	16°21	n.a.	T 10
W11	18 29 58	5°58'10	25°17	2°34	20° 1	15°28	25°41	0♌ 7	26°24	17° 6	13°50	15°53	16°23	16°27	n.a.	W11
T 12	18 33 54	6°55'54	10♐ 3	3°45	21° 7	16° 6	25°48	0°14	26°24	17° 7	13°49	15°52	16°20	16°34	n.a.	T 12
F 13	18 37 51	7°53'40	24°48	4°54	22°13	16°44	25°55	0°21	26°24	17° 8	13°48	15°51	16°17	16°41	n.a.	F 13
S 14	18 41 47	8°51'27	9♑23	6° 0	23°19	17°22	26° 1	0°28	26°R24	17° 9	13°47	15°D51	16°14	16°48	n.a.	S 14
S 15	18 45 44	9°49'15	23°43	7° 4	24°25	18° 1	26° 9	0°35	26°24	17°10	13°45	15°51	16°11	16°54	n.a.	S 15
M16	18 49 40	10°47'05	7♒43	8° 6	25°31	18°39	26°16	0°42	26°24	17°11	13°44	15°51	16° 7	17° 1	n.a.	M16
T 17	18 53 37	11°44'57	21°20	9° 5	26°36	19°17	26°23	0°49	26°24	17°12	13°43	15°52	16° 4	17° 8	n.a.	T 17
W18	18 57 33	12°42'51	4♓33	10° 1	27°41	19°55	26°30	0°57	26°23	17°14	13°41	15°52	16° 1	17°14	n.a.	W18
T 19	19 1 30	13°40'46	17°23	10°55	28°46	20°33	26°38	1° 4	26°23	17°15	13°40	15°52	15°58	17°21	n.a.	T 19
F 20	19 5 27	14°38'44	29°53	11°45	29°51	21°11	26°46	1°11	26°23	17°16	13°39	15°52	15°55	17°28	n.a.	F 20
S 21	19 9 23	15°36'43	12♈ 7	12°33	0♍56	21°50	26°54	1°18	26°22	17°17	13°37	15°52	15°52	17°34	n.a.	S 21
S 22	19 13 20	16°34'45	24° 9	13°16	2° 0	22°28	27° 1	1°26	26°22	17°19	13°36	15°52	15°48	17°41	n.a.	S 22
M23	19 17 16	17°32'49	6♉ 3	13°57	3° 4	23° 6	27°10	1°33	26°22	17°20	13°35	15°53	15°45	17°48	n.a.	M23
T 24	19 21 13	18°30'55	17°55	14°33	4° 9	23°44	27°18	1°40	26°21	17°21	13°33	15°53	15°42	17°55	n.a.	T 24
W25	19 25 9	19°29'03	29°48	15° 5	5°12	24°22	27°26	1°47	26°21	17°23	13°32	15°53	15°39	18° 1	n.a.	W25
T 26	19 29 6	20°27'13	11♊45	15°33	6°16	25° 0	27°35	1°55	26°20	17°24	13°31	15°54	15°36	18° 8	n.a.	T 26
F 27	19 33 2	21°25'25	23°52	15°56	7°19	25°38	27°43	2° 2	26°19	17°25	13°29	15°54	15°32	18°15	n.a.	F 27
S 28	19 36 59	22°23'39	6♋ 9	16°14	8°22	26°16	27°52	2° 9	26°19	17°27	13°28	15°54	15°29	18°21	n.a.	S 28
S 29	19 40 56	23°21'55	18°40	16°27	9°25	26°54	28° 1	2°17	26°18	17°28	13°27	15°R55	15°26	18°28	n.a.	S 29
M30	19 44 52	24°20'13	1♌24	16°34	10°28	27°32	28°10	2°24	26°17	17°30	13°26	15°54	15°23	18°35	n.a.	M30
T 31	19 48 49	25♋18'33	14♌24	16°R35	11♍30	28♊ 9	28♍19	2♌32	26♓17	17♍31	13♑24	15♑53	15♑20	18♉42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n47	24n 2	0n34	23n22	0n55	19n30	1n12	22n49	0n39	3n21	1n20	22n 5	1n25	2s 8	0s43	7n 1	1n57	33s35	10s34	22s53	22s45	21n 1			n.a.
M 2	23 48	21 24	0s35	23 2	0 48	19 9	1 9	22 56	0 40	3 19	1 20	22 4	1 25	2 8	0 43	7 1	1 57	33 35	10 34	22 53	22 45	21 3			n.a.
T 3	23 49	17 43	1 43	22 41	0 41	18 47	1 6	23 2	0 40	3 17	1 20	22 3	1 25	2 8	0 43	7 0	1 57	33 35	10 34	22 52	22 45	21 5			n.a.
W 4	23 50	13 9	2 47	22 19	0 33	18 25	1 2	23 8	0 41	3 14	1 19	22 1	1 25	2 8	0 43	7 0	1 56	33 35	10 34	22 52	22 46	21 6			n.a.
T 5	23 50	7 54	3 43	21 56	0 25	18 2	0 59	23 14	0 41	3 12	1 19	22 0	1 25	2 7	0 43	7 0	1 56	33 36	10 34	22 52	22 46	21 8			n.a.
F 6	23 50	2 13	4 29	21 32	0 16	17 39	0 55	23 20	0 42	3 9	1 19	21 58	1 25	2 7	0 43	6 59	1 56	33 36	10 34	22 52	22 47	21 9			n.a.
S 7	23 49	3s42	5 1	21 8	0 8	17 15	0 52	23 25	0 42	3 6	1 18	21 57	1 25	2 7	0 43	6 59	1 56	33 36	10 34	22 52	22 47	21 11			n.a.
S 8	23 48	9 34	5 16	20 43	0s 1	16 51	0 48	23 31	0 43	3 4	1 18	21 55	1 25	2 7	0 43	6 58	1 56	33 36	10 35	22 52	22 47	21 13			n.a.
M 9	23 46	15 3	5 11	20 18	0 10	16 27	0 44	23 36	0 44	3 1	1 18	21 54	1 25	2 7	0 43	6 58	1 56	33 37	10 35	22 52	22 48	21 14			n.a.
T 10	23 44	19 47	4 48	19 52	0 20	16 3	0 41	23 41	0 44	2 58	1 18	21 52	1 25	2 7	0 43	6 58	1 56	33 37	10 35	22 52	22 48	21 16			n.a.
W11	23 42	23 21	4 5	19 26	0 29	15 38	0 37	23 46	0 45	2 55	1 17	21 51	1 25	2 7	0 43	6 57	1 56	33 37	10 35	22 52	22 49	21 17			n.a.
T 12	23 39	25 23	3 6	19 0	0 39	15 12	0 32	23 51	0 45	2 52	1 17	21 49	1 25	2 7	0 43	6 57	1 56	33 37	10 35	22 52	22 49	21 19			n.a.
F 13	23 36	25 38	1 54	18 34	0 49	14 47	0 28	23 55	0 46	2 49	1 17	21 48	1 25	2 7	0 43	6 56	1 56	33 38	10 35	22 53	22 49	21 21			n.a.
S 14	23 32	24 5	0 36	18 8	0 59	14 21	0 24	23 59	0 46	2 46	1 16	21 46	1 25	2 7	0 43	6 56	1 56	33 38	10 35	22 53	22 50	21 22			n.a.
S 15	23 28	21 0	0n44	17 42	1 9	13 55	0 20	24 3	0 47	2 43	1 16	21 45	1 25	2 7	0 43	6 55	1 56	33 38	10 35	22 53	22 50	21 24			n.a.
M16	23 23	16 44	1 58	17 16	1 19	13 28	0 15	24 7	0 47	2 40	1 16	21 43	1 25	2 7	0 43	6 55	1 56	33 38	10 35	22 53	22 51	21 25			n.a.
T 17	23 18	11 43	3 4	16 51	1 29	13 1	0 11	24 11	0 48	2 37	1 16	21 41	1 25	2 7	0 43	6 54	1 56	33 39	10 35	22 52	22 51	21 27			n.a.
W18	23 13	6 19	3 58	16 25	1 40	12 34	0 6	24 15	0 48	2 34	1 15	21 40	1 25	2 7	0 43	6 54	1 56	33 39	10 35	22 52	22 51	21 28			n.a.
T 19	23 7	0 48	4 39	16 1	1 50	12 7	0 1	24 18	0 49	2 30	1 15	21 38	1 25	2 7	0 43	6 53	1 56	33 39	10 35	22 52	22 52	21 30			n.a.
F 20	23 1	4n36	5 5	15 37	2 1	11 39	0s 3	24 21	0 49	2 27	1 15	21 37	1 25	2 7	0 43	6 53	1 56	33 39	10 36	22 52	22 52	21 31			n.a.
S 21	22 54	9 42	5 16	15 13	2 11	11 12	0 8	24 24	0 50	2 24	1 15	21 35	1 25	2 8	0 43	6 52	1 56	33 39	10 36	22 52	22 52	21 33			n.a.
S 22	22 47	14 22	5 14	14 51	2 22	10 44	0 13	24 27	0 50	2 20	1 14	21 34	1 25	2 8	0 43	6 52	1 55	33 40	10 36	22 52	22 53	21 34			n.a.
M23	22 40	18 26	4 58	14 29	2 32	10 16	0 18	24 30	0 51	2 17	1 14	21 32	1 25	2 8	0 44	6 51	1 55	33 40	10 36	22 52	22 53	21 36			n.a.
T 24	22 32	21 45	4 29	14 9	2 43	9 47	0 23	24 32	0 51	2 13	1 14	21 30	1 26	2 8	0 44	6 50	1 55	33 40	10 36	22 52	22 54	21 37			n.a.
W25	22 24	24 10	3 49	13 50	2 53	9 19	0 29	24 34	0 52	2 10	1 14	21 29	1 26	2 8	0 44	6 50	1 55	33 40	10 36	22 52	22 54	21 39			n.a.
T 26	22 15	25 31	2 58	13 32	3 3	8 50	0 34	24 37	0 52	2 6	1 13	21 27	1 26	2 9	0 44	6 49	1 55	33 40	10 36	22 52	22 54	21 40			n.a.
F 27	22 6	25 40	1 59	13 16	3 12	8 21	0 39	24 38	0 53	2 2	1 13	21 25	1 26	2 9	0 44	6 49	1 55	33 40	10 36	22 52	22 55	21 42			n.a.
S 28	21 56	24 35	0 54	13 2	3 22	7 52	0 45	24 40	0 53	1 59	1 13	21 24	1 26	2 9	0 44	6 48	1 55	33 41	10 36	22 52	22 55	21 43			n.a.
S 29	21 46	22 15	0s15	12 50	3 30	7 23	0 50	24 42	0 54	1 55	1 13	21 22	1 26	2 10	0 44	6 47	1 55	33 41	10 36	22 52	22 56	21 45			n.a.
M30	21 36	18 48	1 25	12 40	3 39	6 54	0 56	24 43	0 54	1 51	1 12	21 20	1 26	2 10	0 44	6 47	1 55	33 41	10 36	22 52	22 56	21 46			n.a.
T 31	21n26	14n22	2s31	12n32	3s46	6n25	1s 2	24n44	0n55	1n47	1n12	21n19	1n26	2s10	0s44	6n46	1n55	33s41	10s36	22s52	22s56	21n48			n.a.

Julian Day Number = 1292800.5, Delta T = 07h57m37s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'24, Lahiri = -20°09'23 Julian Calendar 1 July 1174 BCE == Greg. Calendar 20 June 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

AUGUST 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 52 45	26♋16'55	27♌37	16°R30	12♍32	28♊47	28♍28	2♌39	26°R16	17♍33	13°R23	15°R52	15♑17	18♉48	n.a.	W 1
T 2	19 56 42	27°15'18	11♍ 4	16♌19	13°34	29°25	28°37	2°46	26♓15	17°35	13♑22	15♑51	15°13	18°55	n.a.	T 2
F 3	20 0 38	28°13'43	24°44	16° 1	14°36	0♋ 3	28°46	2°54	26°14	17°36	13°21	15°49	15°10	19° 2	n.a.	F 3
S 4	20 4 35	29°12'11	8♎35	15°37	15°37	0°41	28°56	3° 1	26°13	17°38	13°19	15°48	15° 7	19° 8	n.a.	S 4
S 5	20 8 31	0♌10'39	22°36	15° 6	16°38	1°18	29° 5	3° 9	26°12	17°39	13°18	15°48	15° 4	19°15	n.a.	S 5
M 6	20 12 28	1° 9'10	6♏45	14°29	17°38	1°56	29°15	3°16	26°11	17°41	13°17	15°D47	15° 1	19°22	n.a.	M 6
T 7	20 16 24	2° 7'42	21° 0	13°45	18°38	2°34	29°25	3°23	26°10	17°43	13°16	15°48	14°58	19°28	n.a.	T 7
W 8	20 20 21	3° 6'17	5♐20	12°55	19°38	3°12	29°35	3°31	26° 8	17°44	13°14	15°49	14°54	19°35	n.a.	W 8
T 9	20 24 18	4° 4'53	19°40	12° 1	20°38	3°49	29°45	3°38	26° 7	17°46	13°13	15°50	14°51	19°42	n.a.	T 9
F 10	20 28 14	5° 3'31	3♑57	11° 2	21°37	4°27	29°55	3°46	26° 6	17°48	13°12	15°51	14°48	19°49	n.a.	F 10
S 11	20 32 11	6° 2'10	18° 8	10° 0	22°36	5° 5	0♎ 5	3°53	26° 5	17°50	13°11	15°R52	14°45	19°55	n.a.	S 11
S 12	20 36 7	7° 0'52	2♒ 7	8°57	23°34	5°42	0°15	4° 1	26° 3	17°51	13°10	15°51	14°42	20° 2	n.a.	S 12
M13	20 40 4	7°59'36	15°52	7°53	24°32	6°20	0°26	4° 8	26° 2	17°53	13° 8	15°49	14°38	20° 9	n.a.	M13
T 14	20 44 0	8°58'22	29°20	6°50	25°29	6°57	0°36	4°15	26° 0	17°55	13° 7	15°46	14°35	20°15	n.a.	T 14
W15	20 47 57	9°57'10	12♓28	5°49	26°26	7°35	0°47	4°23	25°59	17°57	13° 6	15°43	14°32	20°22	n.a.	W15
T 16	20 51 53	10°56'01	25°17	4°53	27°23	8°12	0°57	4°30	25°57	17°59	13° 5	15°39	14°29	20°29	n.a.	T 16
F 17	20 55 50	11°54'54	7♈48	4° 3	28°19	8°50	1° 8	4°38	25°56	18° 1	13° 4	15°35	14°26	20°35	n.a.	F 17
S 18	20 59 47	12°53'49	20° 3	3°20	29°15	9°27	1°19	4°45	25°54	18° 3	13° 3	15°32	14°23	20°42	n.a.	S 18
S 19	21 3 43	13°52'46	2♉ 6	2°45	0♎10	10° 5	1°30	4°52	25°53	18° 4	13° 2	15°30	14°19	20°49	n.a.	S 19
M20	21 7 40	14°51'47	14° 0	2°19	1° 4	10°42	1°41	5° 0	25°51	18° 6	13° 0	15°D29	14°16	20°55	n.a.	M20
T 21	21 11 36	15°50'49	25°51	2° 3	1°58	11°20	1°52	5° 7	25°49	18° 8	12°59	15°30	14°13	21° 2	n.a.	T 21
W22	21 15 33	16°49'54	7♊44	1°D57	2°52	11°57	2° 3	5°14	25°47	18°10	12°58	15°31	14°10	21° 9	n.a.	W22
T 23	21 19 29	17°49'02	19°44	2° 1	3°45	12°34	2°14	5°22	25°46	18°12	12°57	15°33	14° 7	21°16	n.a.	T 23
F 24	21 23 26	18°48'12	1♋54	2°16	4°37	13°12	2°25	5°29	25°44	18°14	12°56	15°35	14° 4	21°22	n.a.	F 24
S 25	21 27 22	19°47'24	14°19	2°40	5°29	13°49	2°37	5°36	25°42	18°16	12°55	15°R35	14° 0	21°29	n.a.	S 25
S 26	21 31 19	20°46'39	27° 2	3°14	6°20	14°26	2°48	5°43	25°40	18°18	12°54	15°35	13°57	21°36	n.a.	S 26
M27	21 35 15	21°45'56	10♌ 5	3°57	7°10	15° 4	3° 0	5°51	25°38	18°20	12°53	15°32	13°54	21°42	n.a.	M27
T 28	21 39 12	22°45'15	23°26	4°49	8° 0	15°41	3°11	5°58	25°36	18°23	12°52	15°28	13°51	21°49	n.a.	T 28
W29	21 43 9	23°44'36	7♍ 6	5°48	8°48	16°18	3°23	6° 5	25°34	18°25	12°51	15°23	13°48	21°56	n.a.	W29
T 30	21 47 5	24°43'59	21° 1	6°54	9°37	16°55	3°35	6°12	25°32	18°27	12°51	15°16	13°44	22° 2	n.a.	T 30
F 31	21 51 2	25♌43'25	5♎ 6	8♌ 6	10♎24	17♋33	3♎46	6♌20	25♓30	18♍29	12♑50	15♑10	13♑41	22♉ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n15	9n12	3s31	12n27	3s53	5n56	1s 8	24n45	0n55	1n43	1n12	21n17	1n26	2s11	0s44	6n45	1n55	33s41	10s36	22s52	22s57	21n49			n.a.
T 2	21 3	3 32	4 20	12 25	3 59	5 26	1 13	24 46	0 56	1 39	1 12	21 15	1 26	2 11	0 44	6 45	1 55	33 41	10 36	22 53	22 57	21 51			n.a.
F 3	20 51	2s22	4 55	12 25	4 4	4 57	1 19	24 46	0 56	1 35	1 12	21 14	1 26	2 11	0 44	6 44	1 55	33 41	10 36	22 53	22 57	21 52			n.a.
S 4	20 39	8 14	5 14	12 29	4 7	4 27	1 25	24 47	0 57	1 31	1 11	21 12	1 26	2 12	0 44	6 43	1 55	33 41	10 36	22 53	22 58	21 53			n.a.
S 5	20 27	13 46	5 14	12 36	4 10	3 58	1 31	24 47	0 57	1 27	1 11	21 10	1 26	2 12	0 44	6 43	1 55	33 42	10 36	22 53	22 58	21 55			n.a.
M 6	20 14	18 37	4 55	12 46	4 11	3 28	1 37	24 47	0 58	1 23	1 11	21 9	1 26	2 13	0 44	6 42	1 55	33 42	10 36	22 53	22 58	21 56			n.a.
T 7	20 1	22 27	4 18	12 59	4 10	2 59	1 44	24 47	0 58	1 19	1 11	21 7	1 26	2 13	0 44	6 41	1 55	33 42	10 36	22 53	22 59	21 58			n.a.
W 8	19 47	24 55	3 25	13 16	4 7	2 29	1 50	24 47	0 59	1 15	1 10	21 5	1 26	2 14	0 44	6 41	1 55	33 42	10 36	22 53	22 59	21 59			n.a.
T 9	19 33	25 45	2 20	13 35	4 3	2 0	1 56	24 46	0 59	1 10	1 10	21 3	1 26	2 14	0 44	6 40	1 55	33 42	10 36	22 53	23 0	22 1			n.a.
F 10	19 19	24 52	1 5	13 58	3 56	1 31	2 2	24 45	1 0	1 6	1 10	21 2	1 26	2 15	0 44	6 39	1 55	33 42	10 35	22 53	23 0	22 2			n.a.
S 11	19 4	22 23	0n12	14 23	3 47	1 1	2 9	24 44	1 0	1 2	1 10	21 0	1 26	2 15	0 44	6 38	1 55	33 42	10 35	22 52	23 0	22 3			n.a.
S 12	18 49	18 35	1 28	14 50	3 37	0 32	2 15	24 43	1 1	0 58	1 10	20 58	1 27	2 16	0 44	6 38	1 55	33 42	10 35	22 53	23 1	22 5			n.a.
M13	18 34	13 50	2 38	15 19	3 24	0 3	2 22	24 42	1 1	0 53	1 9	20 57	1 27	2 17	0 44	6 37	1 55	33 42	10 35	22 53	23 1	22 6			n.a.
T 14	18 19	8 31	3 37	15 49	3 10	0s26	2 28	24 41	1 2	0 49	1 9	20 55	1 27	2 17	0 44	6 36	1 54	33 42	10 35	22 53	23 1	22 7			n.a.
W15	18 3	2 57	4 23	16 19	2 54	0 55	2 35	24 39	1 2	0 44	1 9	20 53	1 27	2 18	0 44	6 35	1 54	33 42	10 35	22 54	23 2	22 9			n.a.
T 16	17 47	2n35	4 54	16 49	2 37	1 24	2 41	24 37	1 3	0 40	1 9	20 51	1 27	2 18	0 44	6 35	1 54	33 42	10 35	22 54	23 2	22 10			n.a.
F 17	17 30	7 53	5 11	17 19	2 19	1 53	2 48	24 35	1 3	0 35	1 9	20 50	1 27	2 19	0 44	6 34	1 54	33 42	10 35	22 54	23 2	22 12			n.a.
S 18	17 13	12 46	5 12	17 48	1 59	2 21	2 54	24 33	1 4	0 31	1 8	20 48	1 27	2 20	0 44	6 33	1 54	33 43	10 35	22 55	23 3	22 13			n.a.
S 19	16 56	17 5	5 1	18 15	1 40	2 50	3 1	24 31	1 4	0 26	1 8	20 46	1 27	2 20	0 44	6 32	1 54	33 43	10 35	22 55	23 3	22 14			n.a.
M20	16 39	20 41	4 36	18 40	1 20	3 18	3 8	24 28	1 5	0 22	1 8	20 44	1 27	2 21	0 44	6 32	1 54	33 43	10 35	22 55	23 3	22 16			n.a.
T 21	16 21	23 24	3 59	19 2	1 1	3 46	3 15	24 26	1 5	0 17	1 8	20 43	1 27	2 22	0 44	6 31	1 54	33 43	10 35	22 55	23 4	22 17			n.a.
W22	16 3	25 7	3 12	19 22	0 42	4 14	3 21	24 23	1 6	0 12	1 8	20 41	1 27	2 23	0 44	6 30	1 54	33 43	10 35	22 55	23 4	22 18			n.a.
T 23	15 45	25 42	2 17	19 39	0 24	4 41	3 28	24 20	1 6	0 8	1 8	20 39	1 28	2 23	0 44	6 29	1 54	33 43	10 34	22 55	23 4	22 20			n.a.
F 24	15 26	25 3	1 14	19 53	0 6	5 8	3 35	24 17	1 7	0 3	1 7	20 38	1 28	2 24	0 44	6 28	1 54	33 43	10 34	22 55	23 5	22 21			n.a.
S 25	15 7	23 10	0 7	20 3	0n10	5 35	3 42	24 13	1 7	0s 2	1 7	20 36	1 28	2 25	0 44	6 27	1 54	33 43	10 34	22 54	23 5	22 22			n.a.
S 26	14 48	20 5	1s 2	20 10	0 25	6 2	3 48	24 10	1 8	0 7	1 7	20 34	1 28	2 26	0 44	6 27	1 54	33 43	10 34	22 55	23 5	22 23			n.a.
M27	14 29	15 56	2 9	20 14	0 40	6 29	3 55	24 6	1 8	0 11	1 7	20 32	1 28	2 26	0 44	6 26	1 54	33 43	10 34	22 55	23 6	22 25			n.a.
T 28	14 9	10 55	3 11	20 14	0 53	6 55	4 2	24 2	1 9	0 16	1 7	20 31	1 28	2 27	0 44	6 25	1 54	33 43	10 34	22 55	23 6	22 26			n.a.
W29	13 50	5 17	4 3	20 10	1 4	7 21	4 9	23 58	1 9	0 21	1 6	20 29	1 28	2 28	0 44	6 24	1 54	33 43	10 34	22 56	23 6	22 27			n.a.
T 30	13 30	0s42	4 42	20 3	1 15	7 46	4 16	23 54	1 10	0 26	1 6	20 27	1 28	2 29	0 44	6 23	1 54	33 42	10 34	22 57	23 7	22 29			n.a.
F 31	13n 9	6s42	5s 5	19n53	1n24	8s11	4s22	23n49	1n10	0s31	1n 6	20n25	1n28	2s30	0s44	6n22	1n54	33s42	10s33	22s57	23s 7	22n30			n.a.

Julian Day Number = 1292831.5, Delta T = 07h57m36s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'20, Lahiri = -20°09'19 Julian Calendar 1 Aug. 1174 BCE == Greg. Calendar 21 July 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

SEPTEMBER 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 58	26♌42'52	19♎19	9♌24	11♎10	18♋10	3♎58	6♌27	25°R28	18♍31	12°R49	15°R 4	13♑38	22♉16	n.a.	S 1
S 2	21 58 55	27°42'21	3♏34	10°47	11°56	18°47	4°10	6°34	25♓26	18°33	12♑48	15♑ 0	13°35	22°23	n.a.	S 2
M 3	22 2 51	28°41'53	17°48	12°14	12°41	19°24	4°22	6°41	25°24	18°35	12°47	14°58	13°32	22°29	n.a.	M 3
T 4	22 6 48	29°41'26	1♐58	13°44	13°24	20° 1	4°34	6°48	25°22	18°37	12°46	14°D57	13°29	22°36	n.a.	T 4
W 5	22 10 44	0♍41'01	16° 3	15°17	14° 7	20°38	4°46	6°55	25°20	18°39	12°45	14°58	13°25	22°43	n.a.	W 5
T 6	22 14 41	1°40'38	0♑ 2	16°53	14°49	21°15	4°59	7° 2	25°17	18°42	12°45	14°59	13°22	22°49	n.a.	T 6
F 7	22 18 38	2°40'17	13°53	18°30	15°30	21°52	5°11	7° 9	25°15	18°44	12°44	15°R 0	13°19	22°56	n.a.	F 7
S 8	22 22 34	3°39'58	27°36	20° 9	16° 9	22°29	5°23	7°16	25°13	18°46	12°43	14°59	13°16	23° 3	n.a.	S 8
S 9	22 26 31	4°39'41	11♒10	21°49	16°48	23° 6	5°35	7°23	25°11	18°48	12°42	14°56	13°13	23° 9	n.a.	S 9
M10	22 30 27	5°39'25	24°33	23°31	17°25	23°43	5°48	7°30	25° 8	18°50	12°42	14°51	13°10	23°16	n.a.	M10
T 11	22 34 24	6°39'12	7♓43	25°13	18° 1	24°20	6° 0	7°36	25° 6	18°53	12°41	14°44	13° 6	23°23	n.a.	T 11
W12	22 38 20	7°39'01	20°38	26°55	18°35	24°57	6°13	7°43	25° 4	18°55	12°40	14°34	13° 3	23°29	n.a.	W12
T 13	22 42 17	8°38'52	3♈19	28°37	19° 9	25°34	6°25	7°50	25° 1	18°57	12°40	14°24	13° 0	23°36	n.a.	T 13
F 14	22 46 13	9°38'45	15°45	0♍20	19°41	26°10	6°38	7°57	24°59	18°59	12°39	14°14	12°57	23°43	n.a.	F 14
S 15	22 50 10	10°38'40	27°57	2° 3	20°11	26°47	6°51	8° 3	24°57	19° 1	12°39	14° 5	12°54	23°50	n.a.	S 15
S 16	22 54 6	11°38'38	9♉58	3°45	20°40	27°24	7° 3	8°10	24°54	19° 4	12°38	13°58	12°50	23°56	n.a.	S 16
M17	22 58 3	12°38'38	21°52	5°27	21° 7	28° 1	7°16	8°16	24°52	19° 6	12°37	13°53	12°47	24° 3	n.a.	M17
T 18	23 2 0	13°38'41	3♊41	7° 9	21°33	28°37	7°29	8°23	24°50	19° 8	12°37	13°51	12°44	24°10	n.a.	T 18
W19	23 5 56	14°38'45	15°32	8°51	21°57	29°14	7°42	8°29	24°47	19°10	12°36	13°D50	12°41	24°16	n.a.	W19
T 20	23 9 53	15°38'52	27°30	10°32	22°19	29°51	7°55	8°36	24°45	19°13	12°36	13°51	12°38	24°23	n.a.	T 20
F 21	23 13 49	16°39'02	9♋40	12°13	22°39	0♌27	8° 7	8°42	24°42	19°15	12°36	13°R52	12°35	24°30	n.a.	F 21
S 22	23 17 46	17°39'13	22° 7	13°53	22°58	1° 4	8°20	8°49	24°40	19°17	12°35	13°51	12°31	24°36	n.a.	S 22
S 23	23 21 42	18°39'27	4♌55	15°33	23°14	1°41	8°33	8°55	24°37	19°19	12°35	13°49	12°28	24°43	n.a.	S 23
M24	23 25 39	19°39'43	18° 8	17°13	23°29	2°17	8°46	9° 1	24°35	19°22	12°34	13°45	12°25	24°50	n.a.	M24
T 25	23 29 35	20°40'01	1♍45	18°52	23°42	2°54	8°59	9° 7	24°32	19°24	12°34	13°37	12°22	24°56	n.a.	T 25
W26	23 33 32	21°40'20	15°47	20°31	23°52	3°30	9°13	9°14	24°30	19°26	12°34	13°28	12°19	25° 3	n.a.	W26
T 27	23 37 28	22°40'42	0♎ 8	22° 9	24° 0	4° 7	9°26	9°20	24°27	19°28	12°33	13°17	12°15	25°10	n.a.	T 27
F 28	23 41 25	23°41'06	14°43	23°47	24° 6	4°43	9°39	9°26	24°25	19°31	12°33	13° 6	12°12	25°16	n.a.	F 28
S 29	23 45 22	24°41'31	29°23	25°24	24°10	5°20	9°52	9°32	24°22	19°33	12°33	12°56	12° 9	25°23	n.a.	S 29
S 30	23 49 18	25♍41'58	14♏ 2	27♍ 1	24°R11	5♌56	10♎ 5	9♌38	24♓20	19♍35	12♑33	12♑47	12♑ 6	25♉30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n49	12s25	5s 8	19n40	1n32	8s36	4s29	23n45	1n11	0s36	1n 6	20n24	1n28	2s30	0s44	6n22	1n54	33s42	10s33	22s58	23s 7	22n31		n.a.
S 2	12 28	17 29	4 53	19 24	1 38	9 0	4 36	23 40	1 11	0 41	1 6	20 22	1 29	2 31	0 44	6 21	1 54	33 42	10 33	22 59	23 8	22 32		n.a.
M 3	12 7	21 34	4 20	19 4	1 44	9 24	4 42	23 35	1 12	0 46	1 6	20 20	1 29	2 32	0 45	6 20	1 54	33 42	10 33	22 59	23 8	22 34		n.a.
T 4	11 46	24 21	3 31	18 42	1 49	9 48	4 49	23 30	1 12	0 51	1 6	20 19	1 29	2 33	0 45	6 19	1 54	33 42	10 33	22 59	23 8	22 35		n.a.
W 5	11 25	25 34	2 30	18 18	1 52	10 11	4 56	23 25	1 13	0 56	1 5	20 17	1 29	2 34	0 45	6 18	1 54	33 42	10 33	22 59	23 9	22 36		n.a.
T 6	11 3	25 10	1 20	17 51	1 55	10 33	5 2	23 20	1 13	1 1	1 5	20 15	1 29	2 35	0 45	6 17	1 54	33 42	10 33	22 59	23 9	22 37		n.a.
F 7	10 41	23 12	0 6	17 22	1 56	10 55	5 8	23 14	1 14	1 6	1 5	20 14	1 29	2 36	0 45	6 16	1 54	33 42	10 32	22 59	23 9	22 39		n.a.
S 8	10 20	19 53	1n 7	16 51	1 57	11 17	5 15	23 9	1 14	1 11	1 5	20 12	1 29	2 37	0 45	6 15	1 54	33 42	10 32	22 59	23 10	22 40		n.a.
S 9	9 58	15 32	2 16	16 19	1 57	11 38	5 21	23 3	1 15	1 16	1 5	20 10	1 29	2 38	0 45	6 15	1 54	33 42	10 32	22 59	23 10	22 41		n.a.
M10	9 35	10 29	3 16	15 44	1 57	11 58	5 27	22 57	1 15	1 21	1 5	20 9	1 30	2 38	0 45	6 14	1 54	33 42	10 32	23 0	23 10	22 42		n.a.
T 11	9 13	5 3	4 4	15 8	1 56	12 18	5 33	22 51	1 16	1 26	1 5	20 7	1 30	2 39	0 45	6 13	1 54	33 42	10 32	23 0	23 11	22 43		n.a.
W12	8 50	0n30	4 39	14 31	1 54	12 37	5 39	22 45	1 16	1 31	1 4	20 5	1 30	2 40	0 45	6 12	1 54	33 42	10 32	23 1	23 11	22 45		n.a.
T 13	8 28	5 54	4 59	13 53	1 52	12 55	5 45	22 38	1 17	1 37	1 4	20 4	1 30	2 41	0 45	6 11	1 54	33 41	10 31	23 3	23 11	22 46		n.a.
F 14	8 5	10 58	5 5	13 14	1 49	13 13	5 51	22 32	1 17	1 42	1 4	20 2	1 30	2 42	0 45	6 10	1 54	33 41	10 31	23 4	23 12	22 47		n.a.
S 15	7 42	15 31	4 56	12 33	1 45	13 30	5 57	22 25	1 18	1 47	1 4	20 0	1 30	2 43	0 45	6 9	1 54	33 41	10 31	23 5	23 12	22 48		n.a.
S 16	7 19	19 23	4 35	11 52	1 42	13 46	6 2	22 18	1 18	1 52	1 4	19 59	1 30	2 44	0 45	6 8	1 54	33 41	10 31	23 5	23 12	22 49		n.a.
M17	6 55	22 24	4 1	11 11	1 38	14 1	6 7	22 11	1 19	1 57	1 4	19 57	1 31	2 45	0 45	6 7	1 54	33 41	10 31	23 6	23 13	22 50		n.a.
T 18	6 32	24 28	3 18	10 28	1 33	14 16	6 12	22 4	1 19	2 3	1 4	19 56	1 31	2 46	0 45	6 7	1 54	33 41	10 31	23 6	23 13	22 52		n.a.
W19	6 9	25 27	2 25	9 45	1 29	14 30	6 17	21 57	1 20	2 8	1 4	19 54	1 31	2 47	0 45	6 6	1 54	33 41	10 30	23 6	23 13	22 53		n.a.
T 20	5 45	25 15	1 26	9 2	1 24	14 42	6 22	21 49	1 20	2 13	1 3	19 52	1 31	2 48	0 45	6 5	1 54	33 41	10 30	23 6	23 13	22 54		n.a.
F 21	5 21	23 51	0 22	8 18	1 19	14 54	6 26	21 42	1 21	2 18	1 3	19 51	1 31	2 49	0 45	6 4	1 54	33 40	10 30	23 6	23 14	22 55		n.a.
S 22	4 57	21 16	0s44	7 34	1 13	15 5	6 30	21 34	1 21	2 24	1 3	19 49	1 31	2 50	0 45	6 3	1 54	33 40	10 30	23 6	23 14	22 56		n.a.
S 23	4 34	17 35	1 50	6 49	1 8	15 15	6 34	21 26	1 22	2 29	1 3	19 48	1 32	2 51	0 45	6 2	1 54	33 40	10 30	23 6	23 14	22 57		n.a.
M24	4 10	12 56	2 52	6 5	1 2	15 24	6 38	21 18	1 22	2 34	1 3	19 46	1 32	2 52	0 45	6 1	1 54	33 40	10 29	23 7	23 15	22 58		n.a.
T 25	3 45	7 31	3 46	5 20	0 56	15 32	6 41	21 10	1 23	2 40	1 3	19 45	1 32	2 53	0 45	6 0	1 54	33 40	10 29	23 7	23 15	22 59		n.a.
W26	3 21	1 36	4 28	4 35	0 50	15 38	6 44	21 2	1 23	2 45	1 3	19 43	1 32	2 54	0 45	5 59	1 54	33 40	10 29	23 8	23 15	23 1		n.a.
T 27	2 57	4s32	4 54	3 50	0 44	15 44	6 46	20 54	1 24	2 50	1 3	19 42	1 32	2 55	0 45	5 58	1 54	33 39	10 29	23 10	23 16	23 2		n.a.
F 28	2 33	10 30	5 2	3 5	0 38	15 48	6 48	20 45	1 24	2 56	1 3	19 40	1 32	2 56	0 45	5 58	1 54	33 39	10 29	23 11	23 16	23 3		n.a.
S 29	2 9	15 56	4 50	2 20	0 31	15 51	6 50	20 37	1 25	3 1	1 2	19 39	1 33	2 57	0 45	5 57	1 54	33 39	10 28	23 12	23 16	23 4		n.a.
S 30	1n44	20s25	4s19	1n35	0n25	15s52	6s51	20n28	1n25	3s 6	1n 2	19n37	1n33	2s58	0s45	5n56	1n54	33s39	10s28	23s13	23s16	23n 5		n.a.

Julian Day Number = 1292862.5, Delta T = 07h57m34s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'15, Lahiri = -20°09'15 Julian Calendar 1 Sept. 1174 BCE == Greg. Calendar 21 Aug. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

OCTOBER 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 53 15	26♍42'27	28♏33	28♍37	24°R10	6♌32	10♎18	9♌43	24°R18	19♍37	12°R32	12°R42	12♑ 3	25♉37	n.a.	M 1
T 2	23 57 11	27°42'57	12♐51	0♎13	24♎ 7	7° 9	10°32	9°49	24♓15	19°40	12♑32	12♑39	12° 0	25°43	n.a.	T 2
W 3	0 1 8	28°43'28	26°55	1°49	24° 1	7°45	10°45	9°55	24°13	19°42	12°32	12°D39	11°56	25°50	n.a.	W 3
T 4	0 5 4	29°44'02	10♑44	3°24	23°52	8°21	10°58	10° 1	24°10	19°44	12°32	12°R39	11°53	25°57	n.a.	T 4
F 5	0 9 1	0♎44'36	24°20	4°59	23°41	8°57	11°12	10° 6	24° 8	19°46	12°32	12°38	11°50	26° 3	n.a.	F 5
S 6	0 12 57	1°45'12	7♒42	6°34	23°28	9°33	11°25	10°12	24° 5	19°48	12°32	12°36	11°47	26°10	n.a.	S 6
S 7	0 16 54	2°45'49	20°53	8° 9	23°12	10°10	11°38	10°17	24° 3	19°51	12°32	12°31	11°44	26°17	n.a.	S 7
M 8	0 20 51	3°46'28	3♓52	9°43	22°54	10°46	11°52	10°23	24° 0	19°53	12°D32	12°24	11°41	26°23	n.a.	M 8
T 9	0 24 47	4°47'08	16°41	11°16	22°34	11°22	12° 5	10°28	23°58	19°55	12°32	12°13	11°37	26°30	n.a.	T 9
W10	0 28 44	5°47'49	29°19	12°50	22°11	11°58	12°18	10°33	23°55	19°57	12°32	12° 0	11°34	26°37	n.a.	W10
T 11	0 32 40	6°48'32	11♈46	14°23	21°46	12°34	12°32	10°38	23°53	19°59	12°32	11°45	11°31	26°43	n.a.	T 11
F 12	0 36 37	7°49'17	24° 3	15°56	21°19	13°10	12°45	10°43	23°51	20° 2	12°32	11°31	11°28	26°50	n.a.	F 12
S 13	0 40 33	8°50'03	6♉ 9	17°29	20°51	13°45	12°59	10°49	23°48	20° 4	12°32	11°18	11°25	26°57	n.a.	S 13
S 14	0 44 30	9°50'51	18° 6	19° 2	20°20	14°21	13°12	10°53	23°46	20° 6	12°32	11° 7	11°21	27° 3	n.a.	S 14
M15	0 48 26	10°51'40	29°57	20°34	19°49	14°57	13°26	10°58	23°44	20° 8	12°33	10°59	11°18	27°10	n.a.	M15
T 16	0 52 23	11°52'31	11♊45	22° 7	19°15	15°33	13°39	11° 3	23°41	20°10	12°33	10°54	11°15	27°17	n.a.	T 16
W17	0 56 20	12°53'24	23°33	23°39	18°41	16° 9	13°53	11° 8	23°39	20°12	12°33	10°51	11°12	27°24	n.a.	W17
T 18	1 0 16	13°54'18	5♋28	25°10	18° 6	16°44	14° 6	11°13	23°37	20°14	12°33	10°50	11° 9	27°30	n.a.	T 18
F 19	1 4 13	14°55'14	17°35	26°42	17°30	17°20	14°20	11°17	23°34	20°16	12°34	10°50	11° 6	27°37	n.a.	F 19
S 20	1 8 9	15°56'11	29°58	28°13	16°54	17°56	14°33	11°22	23°32	20°18	12°34	10°50	11° 2	27°44	n.a.	S 20
S 21	1 12 6	16°57'10	12♌43	29°45	16°17	18°31	14°46	11°26	23°30	20°21	12°34	10°48	10°59	27°50	n.a.	S 21
M22	1 16 2	17°58'11	25°55	1♏16	15°41	19° 7	15° 0	11°30	23°28	20°23	12°35	10°43	10°56	27°57	n.a.	M22
T 23	1 19 59	18°59'12	9♍36	2°46	15° 5	19°42	15°13	11°35	23°25	20°25	12°35	10°36	10°53	28° 4	n.a.	T 23
W24	1 23 55	20° 0'15	23°46	4°17	14°30	20°18	15°27	11°39	23°23	20°27	12°35	10°26	10°50	28°10	n.a.	W24
T 25	1 27 52	21° 1'20	8♎22	5°47	13°56	20°53	15°40	11°43	23°21	20°29	12°36	10°15	10°46	28°17	n.a.	T 25
F 26	1 31 49	22° 2'25	23°17	7°17	13°22	21°29	15°54	11°47	23°19	20°31	12°36	10° 3	10°43	28°24	n.a.	F 26
S 27	1 35 45	23° 3'32	8♏21	8°46	12°50	22° 4	16° 7	11°51	23°17	20°33	12°37	9°52	10°40	28°30	n.a.	S 27
S 28	1 39 42	24° 4'39	23°25	10°15	12°20	22°39	16°21	11°55	23°15	20°35	12°37	9°43	10°37	28°37	n.a.	S 28
M29	1 43 38	25° 5'47	8♐19	11°43	11°51	23°14	16°34	11°58	23°13	20°37	12°38	9°37	10°34	28°44	n.a.	M29
T 30	1 47 35	26° 6'56	22°57	13°10	11°24	23°49	16°48	12° 2	23°11	20°38	12°39	9°34	10°31	28°50	n.a.	T 30
W31	1 51 31	27♎ 8'06	7♑13	14♏37	10♎58	24♌25	17♎ 1	12♌ 6	23♓ 9	20♍40	12♑39	9°D33	10♑27	28♉57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	1n20	23s35	3s31	0n50	0n19	15s53	6s52	20n19	1n26	3s12	1n 2	19n36	1n33	2s59	0s45	5n55	1n54	33s39	10s28	23s13	23s17	23n 6			n.a.
T 2	0 55	25 12	2 31	0 6	0 12	15 51	6 52	20 11	1 26	3 17	1 2	19 34	1 33	3 0	0 45	5 54	1 54	33 39	10 28	23 13	23 17	23 7			n.a.
W 3	0 31	25 10	1 22	0s39	0 6	15 49	6 52	20 2	1 27	3 22	1 2	19 33	1 33	3 1	0 45	5 53	1 54	33 38	10 27	23 13	23 17	23 8			n.a.
T 4	0 6	23 34	0 10	1 23	0s 1	15 45	6 51	19 52	1 27	3 28	1 2	19 32	1 33	3 2	0 45	5 52	1 54	33 38	10 27	23 13	23 18	23 9			n.a.
F 5	0s18	20 36	1n 1	2 8	0 8	15 39	6 49	19 43	1 28	3 33	1 2	19 30	1 34	3 3	0 45	5 51	1 54	33 38	10 27	23 13	23 18	23 10			n.a.
S 6	0 42	16 35	2 8	2 52	0 14	15 32	6 47	19 34	1 28	3 39	1 2	19 29	1 34	3 4	0 45	5 51	1 54	33 38	10 27	23 14	23 18	23 11			n.a.
S 7	1 7	11 49	3 7	3 36	0 21	15 23	6 44	19 24	1 29	3 44	1 2	19 28	1 34	3 5	0 45	5 50	1 54	33 37	10 27	23 14	23 18	23 12			n.a.
M 8	1 31	6 36	3 55	4 19	0 27	15 13	6 40	19 15	1 29	3 49	1 2	19 26	1 34	3 6	0 45	5 49	1 54	33 37	10 26	23 15	23 19	23 13			n.a.
T 9	1 56	1 11	4 31	5 3	0 33	15 1	6 36	19 5	1 30	3 55	1 2	19 25	1 34	3 7	0 45	5 48	1 54	33 37	10 26	23 16	23 19	23 14			n.a.
W10	2 20	4n11	4 52	5 46	0 40	14 48	6 31	18 56	1 30	4 0	1 1	19 24	1 35	3 8	0 45	5 47	1 54	33 37	10 26	23 17	23 19	23 15			n.a.
T 11	2 45	9 18	5 0	6 28	0 46	14 33	6 25	18 46	1 30	4 5	1 1	19 23	1 35	3 9	0 45	5 46	1 54	33 37	10 26	23 18	23 20	23 16			n.a.
F 12	3 9	14 0	4 53	7 10	0 52	14 17	6 19	18 36	1 31	4 11	1 1	19 21	1 35	3 10	0 44	5 45	1 54	33 36	10 26	23 20	23 20	23 17			n.a.
S 13	3 33	18 4	4 32	7 52	0 58	13 59	6 11	18 26	1 31	4 16	1 1	19 20	1 35	3 11	0 44	5 45	1 54	33 36	10 25	23 21	23 20	23 18			n.a.
S 14	3 58	21 21	4 0	8 34	1 4	13 40	6 3	18 16	1 32	4 22	1 1	19 19	1 35	3 12	0 44	5 44	1 54	33 36	10 25	23 22	23 20	23 19			n.a.
M15	4 22	23 42	3 18	9 15	1 10	13 19	5 54	18 5	1 32	4 27	1 1	19 18	1 36	3 13	0 44	5 43	1 54	33 36	10 25	23 22	23 21	23 20			n.a.
T 16	4 46	25 0	2 27	9 55	1 16	12 57	5 45	17 55	1 33	4 32	1 1	19 17	1 36	3 13	0 44	5 42	1 54	33 35	10 25	23 23	23 21	23 21			n.a.
W17	5 10	25 11	1 30	10 35	1 22	12 34	5 34	17 45	1 33	4 38	1 1	19 15	1 36	3 14	0 44	5 41	1 54	33 35	10 24	23 23	23 21	23 22			n.a.
T 18	5 34	24 12	0 28	11 15	1 27	12 10	5 23	17 34	1 34	4 43	1 1	19 14	1 36	3 15	0 44	5 40	1 54	33 35	10 24	23 23	23 22	23 23			n.a.
F 19	5 58	22 4	0s36	11 54	1 33	11 45	5 11	17 23	1 34	4 48	1 1	19 13	1 36	3 16	0 44	5 40	1 54	33 35	10 24	23 23	23 22	23 24			n.a.
S 20	6 22	18 52	1 39	12 32	1 38	11 20	4 59	17 13	1 35	4 54	1 1	19 12	1 37	3 17	0 44	5 39	1 54	33 34	10 24	23 23	23 22	23 25			n.a.
S 21	6 46	14 43	2 40	13 10	1 43	10 53	4 46	17 2	1 35	4 59	1 1	19 11	1 37	3 18	0 44	5 38	1 54	33 34	10 24	23 23	23 22	23 26			n.a.
M22	7 10	9 44	3 34	13 47	1 48	10 27	4 32	16 51	1 36	5 4	1 1	19 10	1 37	3 19	0 44	5 37	1 54	33 34	10 23	23 24	23 23	23 27			n.a.
T 23	7 33	4 7	4 18	14 23	1 52	10 0	4 18	16 40	1 37	5 10	1 1	19 9	1 37	3 20	0 44	5 36	1 54	33 34	10 23	23 24	23 23	23 28			n.a.
W24	7 57	1s53	4 48	14 59	1 56	9 32	4 4	16 29	1 37	5 15	1 1	19 8	1 38	3 21	0 44	5 36	1 54	33 33	10 23	23 25	23 23	23 29			n.a.
T 25	8 20	7 58	5 1	15 33	2 0	9 5	3 49	16 18	1 38	5 20	1 1	19 7	1 38	3 21	0 44	5 35	1 54	33 33	10 23	23 26	23 23	23 30			n.a.
F 26	8 43	13 42	4 53	16 7	2 4	8 38	3 34	16 7	1 38	5 26	1 1	19 6	1 38	3 22	0 44	5 34	1 55	33 33	10 22	23 27	23 24	23 31			n.a.
S 27	9 6	18 41	4 25	16 40	2 8	8 11	3 19	15 56	1 39	5 31	1 0	19 5	1 38	3 23	0 44	5 33	1 55	33 33	10 22	23 28	23 24	23 31			n.a.
S 28	9 29	22 27	3 38	17 12	2 11	7 45	3 3	15 45	1 39	5 36	1 0	19 4	1 38	3 24	0 44	5 33	1 55	33 32	10 22	23 28	23 24	23 32			n.a.
M29	9 52	24 39	2 37	17 42	2 13	7 19	2 47	15 34	1 40	5 41	1 0	19 4	1 39	3 25	0 44	5 32	1 55	33 32	10 22	23 29	23 24	23 33			n.a.
T 30	10 15	25 5	1 27	18 12	2 16	6 54	2 32	15 22	1 40	5 47	1 0	19 3	1 39	3 25	0 44	5 31	1 55	33 32	10 22	23 29	23 25	23 34			n.a.
W31	10s37	23s50	0s12	18s40	2s17	6s30	2s16	15n11	1n41	5s52	1n 0	19n 2	1n39	3s26	0s44	5n30	1n55	33s32	10s21	23s29	23s25	23n35			n.a.

Julian Day Number = 1292892.5, Delta T = 07h57m32s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'11, Lahiri = -20°09'11 Julian Calendar 1 Oct. 1174 BCE == Greg. Calendar 20 Sept. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

NOVEMBER 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 28	28♎ 9'16	21♉ 8	16♏ 3	10°R35	25♌ 0	17♎14	12♌ 9	23°R 7	20♍42	12♉40	9°R33	10♉24	29♉ 4	n.a.	T 1
F 2	1 59 24	29°10'27	4♒41	17°28	10♎15	25°34	17°28	12°12	23♓ 5	20°44	12°40	9♉33	10°21	29°10	n.a.	F 2
S 3	2 3 21	0♏11'38	17°54	18°51	9°56	26° 9	17°41	12°16	23° 3	20°46	12°41	9°31	10°18	29°17	n.a.	S 3
S 4	2 7 18	1°12'50	0♓52	20°13	9°40	26°44	17°54	12°19	23° 2	20°48	12°42	9°28	10°15	29°24	n.a.	S 4
M 5	2 11 14	2°14'01	13°35	21°33	9°26	27°19	18° 8	12°22	23° 0	20°50	12°43	9°21	10°12	29°30	n.a.	M 5
T 6	2 15 11	3°15'14	26° 6	22°51	9°15	27°54	18°21	12°25	22°58	20°51	12°43	9°12	10° 8	29°37	n.a.	T 6
W 7	2 19 7	4°16'27	8♈28	24° 6	9° 6	28°28	18°34	12°28	22°56	20°53	12°44	9° 0	10° 5	29°44	n.a.	W 7
T 8	2 23 4	5°17'40	20°40	25°19	9° 0	29° 3	18°47	12°31	22°55	20°55	12°45	8°48	10° 2	29°50	n.a.	T 8
F 9	2 27 0	6°18'54	2♉45	26°28	8°56	29°38	19° 1	12°33	22°53	20°57	12°46	8°35	9°59	29°57	n.a.	F 9
S 10	2 30 57	7°20'08	14°43	27°34	8°D55	0♍12	19°14	12°36	22°52	20°58	12°47	8°23	9°56	0♊ 4	n.a.	S 10
S 11	2 34 53	8°21'23	26°36	28°35	8°56	0°47	19°27	12°38	22°50	21° 0	12°47	8°14	9°52	0°11	n.a.	S 11
M12	2 38 50	9°22'38	8♊25	29°31	9° 0	1°21	19°40	12°41	22°48	21° 2	12°48	8° 7	9°49	0°17	n.a.	M12
T 13	2 42 47	10°23'54	20°13	0♐21	9° 6	1°55	19°53	12°43	22°47	21° 3	12°49	8° 2	9°46	0°24	n.a.	T 13
W14	2 46 43	11°25'10	2♋ 2	1° 5	9°14	2°30	20° 6	12°45	22°46	21° 5	12°50	8° 0	9°43	0°31	n.a.	W14
T 15	2 50 40	12°26'27	13°57	1°41	9°25	3° 4	20°19	12°47	22°44	21° 6	12°51	8°D 0	9°40	0°37	n.a.	T 15
F 16	2 54 36	13°27'45	26° 2	2° 9	9°37	3°38	20°32	12°49	22°43	21° 8	12°52	8° 1	9°37	0°44	n.a.	F 16
S 17	2 58 33	14°29'02	8♌22	2°27	9°52	4°12	20°45	12°51	22°42	21°10	12°53	8° 2	9°33	0°51	n.a.	S 17
S 18	3 2 29	15°30'21	21° 2	2°R35	10°10	4°46	20°58	12°53	22°40	21°11	12°54	8°R 2	9°30	0°57	n.a.	S 18
M19	3 6 26	16°31'39	4♍ 7	2°32	10°29	5°20	21°11	12°54	22°39	21°13	12°55	8° 1	9°27	1° 4	n.a.	M19
T 20	3 10 23	17°32'58	17°41	2°18	10°50	5°54	21°24	12°56	22°38	21°14	12°56	7°57	9°24	1°11	n.a.	T 20
W21	3 14 19	18°34'18	1♎44	1°52	11°13	6°27	21°36	12°57	22°37	21°15	12°58	7°51	9°21	1°17	n.a.	W21
T 22	3 18 16	19°35'37	16°16	1°14	11°38	7° 1	21°49	12°59	22°36	21°17	12°59	7°44	9°18	1°24	n.a.	T 22
F 23	3 22 12	20°36'57	1♏12	0°25	12° 4	7°35	22° 2	13° 0	22°35	21°18	13° 0	7°36	9°14	1°31	n.a.	F 23
S 24	3 26 9	21°38'17	16°24	29♏26	12°33	8° 8	22°15	13° 1	22°34	21°19	13° 1	7°29	9°11	1°37	n.a.	S 24
S 25	3 30 5	22°39'37	1♐42	28°18	13° 3	8°41	22°27	13° 2	22°33	21°21	13° 2	7°23	9° 8	1°44	n.a.	S 25
M26	3 34 2	23°40'56	16°54	27° 3	13°34	9°15	22°40	13° 3	22°32	21°22	13° 3	7°19	9° 5	1°51	n.a.	M26
T 27	3 37 58	24°42'16	1♑50	25°44	14° 7	9°48	22°52	13° 4	22°31	21°23	13° 5	7°D17	9° 2	1°57	n.a.	T 27
W28	3 41 55	25°43'35	16°25	24°23	14°42	10°21	23° 5	13° 5	22°31	21°25	13° 6	7°17	8°58	2° 4	n.a.	W28
T 29	3 45 52	26°44'53	0♒35	23° 3	15°18	10°54	23°17	13° 5	22°30	21°26	13° 7	7°19	8°55	2°11	n.a.	T 29
F 30	3 49 48	27♏46'11	14♒18	21♏47	15♎55	11♍27	23♎29	13♌ 6	22♓29	21♍27	13♉ 8	7♉20	8♉52	2♊17	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 0	21s 8	1n 1	19s 7	2s19	6s 6	2s 1	14n59	1n41	5s57	1n 0	19n 1	1n39	3s27	0s44	5n30	1n55	33s31	10s21	23s29	23s25	23n36		n.a.
F 2	11 22	17 19	2 9	19 33	2 20	5 44	1 45	14 48	1 42	6 2	1 0	19 1	1 40	3 28	0 44	5 29	1 55	33 31	10 21	23 29	23 25	23 37		n.a.
S 3	11 44	12 43	3 9	19 57	2 20	5 22	1 30	14 36	1 42	6 8	1 0	19 0	1 40	3 28	0 44	5 28	1 55	33 31	10 21	23 29	23 26	23 38		n.a.
S 4	12 5	7 39	3 57	20 20	2 20	5 2	1 15	14 25	1 43	6 13	1 0	18 59	1 40	3 29	0 44	5 28	1 55	33 30	10 21	23 29	23 26	23 38		n.a.
M 5	12 27	2 22	4 33	20 41	2 19	4 43	1 0	14 13	1 43	6 18	1 0	18 58	1 40	3 30	0 44	5 27	1 55	33 30	10 20	23 30	23 26	23 39		n.a.
T 6	12 48	2n55	4 55	21 0	2 17	4 26	0 46	14 1	1 44	6 23	1 0	18 58	1 41	3 30	0 44	5 26	1 55	33 30	10 20	23 31	23 26	23 40		n.a.
W 7	13 9	8 1	5 2	21 17	2 15	4 9	0 32	13 49	1 44	6 28	1 0	18 57	1 41	3 31	0 44	5 26	1 55	33 30	10 20	23 31	23 27	23 41		n.a.
T 8	13 30	12 45	4 56	21 32	2 12	3 54	0 18	13 37	1 45	6 33	1 0	18 57	1 41	3 32	0 44	5 25	1 55	33 29	10 20	23 32	23 27	23 42		n.a.
F 9	13 51	16 57	4 37	21 45	2 8	3 40	0 5	13 26	1 45	6 38	1 0	18 56	1 41	3 32	0 44	5 24	1 55	33 29	10 20	23 33	23 27	23 43		n.a.
S 10	14 11	20 25	4 5	21 56	2 3	3 28	0n 8	13 14	1 46	6 43	1 0	18 56	1 42	3 33	0 44	5 24	1 55	33 29	10 19	23 34	23 27	23 43		n.a.
S 11	14 31	23 0	3 22	22 4	1 57	3 17	0 21	13 2	1 46	6 48	1 0	18 55	1 42	3 33	0 44	5 23	1 55	33 29	10 19	23 34	23 28	23 44		n.a.
M12	14 51	24 34	2 31	22 10	1 50	3 7	0 33	12 50	1 47	6 54	1 0	18 55	1 42	3 34	0 44	5 22	1 55	33 28	10 19	23 35	23 28	23 45		n.a.
T 13	15 11	25 2	1 34	22 13	1 41	2 59	0 45	12 38	1 47	6 59	1 0	18 54	1 42	3 35	0 44	5 22	1 55	33 28	10 19	23 35	23 28	23 46		n.a.
W14	15 30	24 21	0 32	22 13	1 32	2 52	0 56	12 26	1 48	7 4	1 0	18 54	1 43	3 35	0 44	5 21	1 55	33 28	10 19	23 35	23 28	23 47		n.a.
T 15	15 49	22 34	0s32	22 10	1 21	2 46	1 7	12 14	1 48	7 9	1 0	18 54	1 43	3 36	0 44	5 21	1 55	33 27	10 19	23 35	23 29	23 47		n.a.
F 16	16 8	19 44	1 35	22 3	1 9	2 42	1 17	12 1	1 49	7 13	1 0	18 53	1 43	3 36	0 44	5 20	1 56	33 27	10 18	23 35	23 29	23 48		n.a.
S 17	16 27	15 58	2 36	21 54	0 55	2 39	1 27	11 49	1 49	7 18	1 0	18 53	1 43	3 37	0 44	5 20	1 56	33 27	10 18	23 35	23 29	23 49		n.a.
S 18	16 45	11 24	3 30	21 41	0 40	2 37	1 37	11 37	1 50	7 23	1 0	18 53	1 44	3 37	0 44	5 19	1 56	33 27	10 18	23 35	23 29	23 50		n.a.
M19	17 3	6 11	4 16	21 24	0 24	2 36	1 46	11 25	1 50	7 28	1 0	18 52	1 44	3 38	0 43	5 18	1 56	33 26	10 18	23 35	23 29	23 50		n.a.
T 20	17 21	0 31	4 49	21 4	0 6	2 36	1 55	11 13	1 51	7 33	1 0	18 52	1 44	3 38	0 43	5 18	1 56	33 26	10 18	23 36	23 30	23 51		n.a.
W21	17 38	5s22	5 6	20 41	0n12	2 38	2 3	11 1	1 51	7 38	1 0	18 52	1 44	3 38	0 43	5 17	1 56	33 26	10 17	23 36	23 30	23 52		n.a.
T 22	17 55	11 10	5 4	20 14	0 32	2 40	2 11	10 48	1 52	7 43	1 0	18 52	1 45	3 39	0 43	5 17	1 56	33 25	10 17	23 36	23 30	23 53		n.a.
F 23	18 12	16 29	4 42	19 44	0 52	2 44	2 18	10 36	1 52	7 48	1 0	18 52	1 45	3 39	0 43	5 16	1 56	33 25	10 17	23 37	23 30	23 53		n.a.
S 24	18 28	20 51	4 0	19 12	1 12	2 48	2 26	10 24	1 53	7 52	1 0	18 52	1 45	3 40	0 43	5 16	1 56	33 25	10 17	23 37	23 31	23 54		n.a.
S 25	18 44	23 47	3 1	18 37	1 32	2 54	2 32	10 12	1 53	7 57	1 0	18 52	1 45	3 40	0 43	5 15	1 56	33 25	10 17	23 38	23 31	23 55		n.a.
M26	19 0	24 58	1 48	18 2	1 51	3 0	2 39	9 59	1 54	8 2	1 0	18 52	1 46	3 40	0 43	5 15	1 56	33 24	10 17	23 38	23 31	23 55		n.a.
T 27	19 15	24 19	0 30	17 26	2 9	3 8	2 45	9 47	1 54	8 6	1 0	18 52	1 46	3 40	0 43	5 15	1 56	33 24	10 17	23 38	23 31	23 56		n.a.
W28	19 30	21 59	0n49	16 50	2 25	3 16	2 51	9 35	1 55	8 11	1 0	18 52	1 46	3 41	0 43	5 14	1 56	33 24	10 16	23 38	23 32	23 57		n.a.
T 29	19 45	18 21	2 3	16 17	2 39	3 25	2 56	9 22	1 56	8 16	1 0	18 52	1 46	3 41	0 43	5 14	1 56	33 23	10 16	23 38	23 32	23 57		n.a.
F 30	19s59	13s49	3n 8	15s45	2n51	3s35	3n 1	9n10	1n56	8s20	1n 0	18n52	1n47	3s41	0s43	5n13	1n56	33s23	10s16	23s38	23s32	23n58		n.a.

Julian Day Number = 1292923.5, Delta T = 07h57m31s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'07, Lahiri = -20°09'07 Julian Calendar 1 Nov. 1174 BCE == Greg. Calendar 21 Oct. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1174 BCE
geocentric

DECEMBER 1174 BCE (-1173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 53 45	28♏47'28	27♒36	20°R36	16♎33	12♍ 0	23♎42	13♌ 6	22°R29	21♍28	13♑10	7°R21	8♑49	2♊24	n.a.	S 1
S 2	3 57 41	29°48'44	10♓32	19♏32	17°13	12°33	23°54	13° 6	22♓28	21°29	13°11	7♑20	8°46	2°31	n.a.	S 2
M 3	4 1 38	0♐49'59	23° 9	18°37	17°54	13° 5	24° 6	13° 6	22°27	21°30	13°12	7°18	8°43	2°37	n.a.	M 3
T 4	4 5 34	1°51'14	5♈31	17°51	18°36	13°38	24°18	13°R 6	22°27	21°31	13°14	7°14	8°39	2°44	n.a.	T 4
W 5	4 9 31	2°52'28	17°42	17°15	19°19	14°10	24°30	13° 6	22°27	21°32	13°15	7° 8	8°36	2°51	n.a.	W 5
T 6	4 13 28	3°53'41	29°44	16°49	20° 3	14°43	24°42	13° 6	22°26	21°33	13°16	7° 2	8°33	2°57	n.a.	T 6
F 7	4 17 24	4°54'54	11♉40	16°33	20°49	15°15	24°54	13° 6	22°26	21°34	13°18	6°56	8°30	3° 4	n.a.	F 7
S 8	4 21 21	5°56'06	23°32	16°D26	21°35	15°47	25° 5	13° 5	22°26	21°35	13°19	6°50	8°27	3°11	n.a.	S 8
S 9	4 25 17	6°57'17	5♊21	16°27	22°22	16°19	25°17	13° 5	22°26	21°36	13°21	6°45	8°24	3°17	n.a.	S 9
M10	4 29 14	7°58'27	17°11	16°36	23°10	16°51	25°29	13° 4	22°25	21°37	13°22	6°42	8°20	3°24	n.a.	M10
T 11	4 33 10	8°59'37	29° 1	16°53	23°59	17°23	25°40	13° 4	22°25	21°38	13°24	6°40	8°17	3°31	n.a.	T 11
W12	4 37 7	10° 0'46	10♋56	17°17	24°49	17°55	25°52	13° 3	22°D25	21°38	13°25	6°D40	8°14	3°37	n.a.	W12
T 13	4 41 3	11° 1'55	22°57	17°47	25°40	18°26	26° 3	13° 2	22°25	21°39	13°27	6°41	8°11	3°44	n.a.	T 13
F 14	4 45 0	12° 3'02	5♌ 8	18°22	26°31	18°58	26°15	13° 1	22°25	21°40	13°28	6°43	8° 8	3°51	n.a.	F 14
S 15	4 48 57	13° 4'09	17°31	19° 3	27°23	19°29	26°26	13° 0	22°25	21°41	13°30	6°45	8° 4	3°57	n.a.	S 15
S 16	4 52 53	14° 5'15	0♍11	19°48	28°16	20° 0	26°37	12°58	22°26	21°41	13°31	6°46	8° 1	4° 4	n.a.	S 16
M17	4 56 50	15° 6'21	13°12	20°38	29°10	20°32	26°48	12°57	22°26	21°42	13°33	6°R47	7°58	4°11	n.a.	M17
T 18	5 0 46	16° 7'26	26°37	21°31	0♏ 4	21° 2	26°59	12°56	22°26	21°42	13°34	6°46	7°55	4°17	n.a.	T 18
W19	5 4 43	17° 8'29	10♎28	22°27	0°59	21°33	27°10	12°54	22°26	21°43	13°36	6°45	7°52	4°24	n.a.	W19
T 20	5 8 39	18° 9'33	24°44	23°27	1°54	22° 4	27°21	12°52	22°27	21°44	13°37	6°43	7°49	4°31	n.a.	T 20
F 21	5 12 36	19°10'35	9♏25	24°29	2°50	22°35	27°32	12°51	22°27	21°44	13°39	6°41	7°45	4°37	n.a.	F 21
S 22	5 16 33	20°11'37	24°24	25°34	3°47	23° 5	27°42	12°49	22°28	21°44	13°41	6°38	7°42	4°44	n.a.	S 22
S 23	5 20 29	21°12'37	9♐35	26°41	4°44	23°35	27°53	12°47	22°28	21°45	13°42	6°36	7°39	4°51	n.a.	S 23
M24	5 24 26	22°13'37	24°46	27°50	5°41	24° 5	28° 3	12°45	22°29	21°45	13°44	6°35	7°36	4°57	n.a.	M24
T 25	5 28 22	23°14'35	9♑50	29° 2	6°39	24°35	28°14	12°43	22°29	21°46	13°45	6°D35	7°33	5° 4	n.a.	T 25
W26	5 32 19	24°15'31	24°36	0♐15	7°38	25° 5	28°24	12°40	22°30	21°46	13°47	6°36	7°30	5°11	n.a.	W26
T 27	5 36 15	25°16'27	8♒59	1°29	8°37	25°35	28°34	12°38	22°31	21°46	13°49	6°37	7°26	5°17	n.a.	T 27
F 28	5 40 12	26°17'20	22°55	2°46	9°36	26° 4	28°44	12°36	22°32	21°46	13°50	6°38	7°23	5°24	n.a.	F 28
S 29	5 44 8	27°18'12	6♓24	4° 3	10°36	26°33	28°54	12°33	22°33	21°47	13°52	6°38	7°20	5°31	n.a.	S 29
S 30	5 48 5	28°19'02	19°27	5°22	11°36	27° 3	29° 4	12°30	22°33	21°47	13°54	6°39	7°17	5°37	n.a.	S 30
M31	5 52 2	29♐19'50	2♈ 8	6♐43	12♏37	27♍31	29♎14	12♌28	22♓34	21♍47	13♑55	6°R39	7♑14	5♊44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s13	8s46	4n 0	15s18	3n 1	3s46	3n 6	8n58	1n57	8s25	1n 0	18n52	1n47	3s41	0s43	5n13	1n56	33s23	10s16	23s38	23s32	23n59		n.a.
S 2	20 27	3 28	4 38	14 53	3 8	3 57	3 10	8 46	1 57	8 29	1 0	18 52	1 47	3 42	0 43	5 13	1 56	33 23	10 16	23 38	23 32	24 0		n.a.
M 3	20 40	1n51	5 2	14 34	3 13	4 9	3 14	8 33	1 58	8 34	1 0	18 52	1 47	3 42	0 43	5 12	1 57	33 22	10 16	23 38	23 33	24 0		n.a.
T 4	20 52	6 58	5 11	14 18	3 16	4 22	3 18	8 21	1 58	8 38	1 0	18 53	1 48	3 42	0 43	5 12	1 57	33 22	10 16	23 38	23 33	24 1		n.a.
W 5	21 5	11 45	5 6	14 7	3 17	4 35	3 22	8 9	1 59	8 43	1 0	18 53	1 48	3 42	0 43	5 11	1 57	33 22	10 15	23 38	23 33	24 1		n.a.
T 6	21 17	16 2	4 47	14 1	3 16	4 49	3 25	7 57	1 59	8 47	1 0	18 53	1 48	3 42	0 43	5 11	1 57	33 22	10 15	23 39	23 33	24 2		n.a.
F 7	21 28	19 38	4 16	13 59	3 13	5 3	3 28	7 44	2 0	8 52	1 0	18 53	1 48	3 42	0 43	5 11	1 57	33 21	10 15	23 39	23 33	24 3		n.a.
S 8	21 39	22 25	3 34	14 0	3 9	5 18	3 30	7 32	2 0	8 56	1 0	18 54	1 49	3 42	0 43	5 10	1 57	33 21	10 15	23 39	23 34	24 3		n.a.
S 9	21 50	24 13	2 43	14 5	3 4	5 34	3 33	7 20	2 1	9 0	1 0	18 54	1 49	3 42	0 43	5 10	1 57	33 21	10 15	23 40	23 34	24 4		n.a.
M10	22 0	24 57	1 45	14 14	2 59	5 50	3 35	7 8	2 1	9 5	1 0	18 55	1 49	3 42	0 43	5 10	1 57	33 20	10 15	23 40	23 34	24 5		n.a.
T 11	22 10	24 32	0 42	14 25	2 52	6 6	3 37	6 56	2 2	9 9	1 1	18 55	1 49	3 42	0 43	5 10	1 57	33 20	10 15	23 40	23 34	24 5		n.a.
W12	22 19	22 59	0s23	14 38	2 45	6 23	3 39	6 44	2 2	9 13	1 1	18 56	1 50	3 42	0 43	5 9	1 57	33 20	10 15	23 40	23 34	24 6		n.a.
T 13	22 28	20 24	1 28	14 54	2 37	6 40	3 40	6 31	2 3	9 17	1 1	18 56	1 50	3 42	0 43	5 9	1 57	33 20	10 15	23 40	23 35	24 6		n.a.
F 14	22 36	16 52	2 30	15 12	2 29	6 58	3 41	6 19	2 3	9 21	1 1	18 57	1 50	3 42	0 43	5 9	1 57	33 19	10 15	23 40	23 35	24 7		n.a.
S 15	22 45	12 34	3 27	15 32	2 20	7 16	3 42	6 7	2 4	9 25	1 1	18 57	1 51	3 42	0 42	5 9	1 57	33 19	10 14	23 40	23 35	24 8		n.a.
S 16	22 52	7 38	4 14	15 52	2 11	7 34	3 43	5 55	2 4	9 29	1 1	18 58	1 51	3 42	0 42	5 9	1 57	33 19	10 14	23 40	23 35	24 8		n.a.
M17	22 59	2 15	4 50	16 14	2 2	7 52	3 44	5 43	2 5	9 33	1 1	18 58	1 51	3 42	0 42	5 8	1 57	33 19	10 14	23 39	23 35	24 9		n.a.
T 18	23 6	3s23	5 11	16 37	1 53	8 11	3 44	5 31	2 5	9 37	1 1	18 59	1 51	3 42	0 42	5 8	1 58	33 18	10 14	23 39	23 36	24 9		n.a.
W19	23 12	9 1	5 15	17 1	1 44	8 30	3 44	5 20	2 6	9 41	1 1	19 0	1 51	3 42	0 42	5 8	1 58	33 18	10 14	23 40	23 36	24 10		n.a.
T 20	23 18	14 23	5 0	17 25	1 35	8 50	3 44	5 8	2 6	9 45	1 1	19 1	1 52	3 41	0 42	5 8	1 58	33 18	10 14	23 40	23 36	24 10		n.a.
F 21	23 23	19 4	4 26	17 49	1 26	9 9	3 44	4 56	2 7	9 49	1 1	19 1	1 52	3 41	0 42	5 8	1 58	33 18	10 14	23 40	23 36	24 11		n.a.
S 22	23 28	22 37	3 33	18 14	1 17	9 29	3 44	4 44	2 8	9 53	1 1	19 2	1 52	3 41	0 42	5 8	1 58	33 18	10 14	23 40	23 36	24 11		n.a.
S 23	23 32	24 38	2 24	18 39	1 8	9 48	3 43	4 32	2 8	9 57	1 1	19 3	1 52	3 41	0 42	5 8	1 58	33 17	10 14	23 40	23 37	24 12		n.a.
M24	23 36	24 49	1 5	19 3	0 58	10 8	3 43	4 21	2 9	10 0	1 1	19 4	1 53	3 40	0 42	5 7	1 58	33 17	10 14	23 40	23 37	24 12		n.a.
T 25	23 39	23 10	0n18	19 28	0 50	10 28	3 42	4 9	2 9	10 4	1 1	19 5	1 53	3 40	0 42	5 7	1 58	33 17	10 14	23 40	23 37	24 13		n.a.
W26	23 42	19 57	1 38	19 53	0 41	10 49	3 41	3 58	2 10	10 8	1 1	19 5	1 53	3 40	0 42	5 7	1 58	33 17	10 14	23 40	23 37	24 14		n.a.
T 27	23 45	15 34	2 50	20 17	0 32	11 9	3 40	3 46	2 10	10 11	1 1	19 6	1 53	3 40	0 42	5 7	1 58	33 16	10 14	23 40	23 37	24 14		n.a.
F 28	23 47	10 29	3 50	20 40	0 23	11 29	3 38	3 35	2 11	10 15	1 1	19 7	1 54	3 39	0 42	5 7	1 58	33 16	10 14	23 40	23 37	24 15		n.a.
S 29	23 48	5 4	4 35	21 4	0 15	11 49	3 37	3 23	2 11	10 18	1 2	19 8	1 54	3 39	0 42	5 7	1 58	33 16	10 14	23 40	23 38	24 15		n.a.
S 30	23 49	0n24	5 3	21 27	0 7	12 9	3 35	3 12	2 12	10 22	1 2	19 9	1 54	3 38	0 42	5 7	1 58	33 16	10 14	23 40	23 38	24 15		n.a.
M31	23s50	5n41	5n17	21s49	0s 1	12s30	3n34	3n 1	2n12	10s25	1n 2	19n10	1n54	3s38	0s42	5n 7	1n58	33s16	10s14	23s40	23s38	24n16		n.a.

Julian Day Number = 1292953.5, Delta T = 07h57m29s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°16'03, Lahiri = -20°09'02 Julian Calendar 1 Dec. 1174 BCE == Greg. Calendar 20 Nov. 1174 BCE

The year -1173 astronomical counting style corresponds to year 1174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

JANUARY 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 58	0♉20'37	14♈30	8♐ 4	13♏38	28♍ 0	29♎23	12°R25	22♓35	21♍47	13♉57	6°R39	7♉10	5♊51	n.a.	T 1
W 2	5 59 55	1°21'22	26°37	9°27	14°39	28°29	29°33	12♌22	22°36	21°47	13°59	6♉38	7° 7	5°57	n.a.	W 2
T 3	6 3 51	2°22'05	8♋34	10°51	15°41	28°57	29°42	12°19	22°38	21°47	14° 0	6°38	7° 4	6° 4	n.a.	T 3
F 4	6 7 48	3°22'46	20°25	12°16	16°43	29°25	29°52	12°16	22°39	21°R47	14° 2	6°37	7° 1	6°11	n.a.	F 4
S 5	6 11 44	4°23'26	2♊14	13°41	17°46	29°53	0♏ 1	12°13	22°40	21°47	14° 4	6°37	6°58	6°17	n.a.	S 5
S 6	6 15 41	5°24'03	14° 3	15° 8	18°48	0♎21	0°10	12°10	22°41	21°47	14° 5	6°37	6°55	6°24	n.a.	S 6
M 7	6 19 37	6°24'40	25°55	16°36	19°51	0°49	0°19	12° 6	22°42	21°47	14° 7	6°D37	6°51	6°31	n.a.	M 7
T 8	6 23 34	7°25'14	7♋52	18° 5	20°55	1°16	0°28	12° 3	22°44	21°47	14° 9	6°R37	6°48	6°38	n.a.	T 8
W 9	6 27 31	8°25'47	19°57	19°35	21°58	1°43	0°36	12° 0	22°45	21°47	14°11	6°37	6°45	6°44	n.a.	W 9
T 10	6 31 27	9°26'18	2♌10	21° 6	23° 2	2°10	0°45	11°56	22°47	21°47	14°12	6°36	6°42	6°51	n.a.	T 10
F 11	6 35 24	10°26'47	14°35	22°38	24° 6	2°37	0°53	11°53	22°48	21°46	14°14	6°36	6°39	6°58	n.a.	F 11
S 12	6 39 20	11°27'15	27°11	24°10	25°11	3° 4	1° 2	11°49	22°50	21°46	14°16	6°35	6°36	7° 4	n.a.	S 12
S 13	6 43 17	12°27'41	10♍ 2	25°44	26°15	3°30	1°10	11°45	22°51	21°46	14°18	6°35	6°32	7°11	n.a.	S 13
M14	6 47 13	13°28'05	23° 9	27°19	27°20	3°56	1°18	11°41	22°53	21°45	14°19	6°34	6°29	7°17	n.a.	M14
T 15	6 51 10	14°28'28	6♎33	28°54	28°25	4°22	1°26	11°37	22°54	21°45	14°21	6°34	6°26	7°24	n.a.	T 15
W16	6 55 6	15°28'49	20°16	0♏31	29°31	4°48	1°34	11°34	22°56	21°45	14°23	6°D34	6°23	7°31	n.a.	W16
T 17	6 59 3	16°29'09	4♏19	2° 8	0♐36	5°13	1°41	11°30	22°58	21°44	14°24	6°34	6°20	7°37	n.a.	T 17
F 18	7 3 0	17°29'27	18°39	3°46	1°42	5°38	1°49	11°26	23° 0	21°44	14°26	6°35	6°16	7°44	n.a.	F 18
S 19	7 6 56	18°29'44	3♐16	5°26	2°48	6° 3	1°56	11°21	23° 2	21°43	14°28	6°36	6°13	7°51	n.a.	S 19
S 20	7 10 53	19°29'59	18° 3	7° 6	3°54	6°27	2° 3	11°17	23° 4	21°43	14°30	6°37	6°10	7°57	n.a.	S 20
M21	7 14 49	20°30'12	2♑56	8°48	5° 0	6°52	2°11	11°13	23° 5	21°42	14°31	6°R37	6° 7	8° 4	n.a.	M21
T 22	7 18 46	21°30'23	17°46	10°30	6° 7	7°16	2°18	11° 9	23° 7	21°42	14°33	6°37	6° 4	8°11	n.a.	T 22
W23	7 22 42	22°30'32	2♒27	12°14	7°13	7°39	2°24	11° 5	23° 9	21°41	14°35	6°36	6° 1	8°17	n.a.	W23
T 24	7 26 39	23°30'40	16°50	13°58	8°20	8° 3	2°31	11° 0	23°12	21°40	14°36	6°34	5°57	8°24	n.a.	T 24
F 25	7 30 36	24°30'45	0♓51	15°44	9°27	8°26	2°37	10°56	23°14	21°40	14°38	6°32	5°54	8°31	n.a.	F 25
S 26	7 34 32	25°30'47	14°28	17°30	10°34	8°49	2°44	10°51	23°16	21°39	14°40	6°29	5°51	8°37	n.a.	S 26
S 27	7 38 29	26°30'48	27°38	19°18	11°42	9°11	2°50	10°47	23°18	21°38	14°42	6°26	5°48	8°44	n.a.	S 27
M28	7 42 25	27°30'46	10♈25	21° 7	12°49	9°33	2°56	10°43	23°20	21°37	14°43	6°25	5°45	8°51	n.a.	M28
T 29	7 46 22	28°30'41	22°51	22°57	13°57	9°55	3° 2	10°38	23°22	21°37	14°45	6°24	5°42	8°57	n.a.	T 29
W30	7 50 18	29°30'35	5♉ 0	24°48	15° 4	10°16	3° 8	10°33	23°25	21°36	14°47	6°D24	5°38	9° 4	n.a.	W30
T 31	7 54 15	0♒30'26	16♉57	26♉40	16♐12	10♎37	3♏13	10♌29	23♓27	21♍35	14♉48	6♉24	5♉35	9♊11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s50	10n37	5n15	22 s10	0 s 9	12 s50	3n32	2n50	2n13	10 s29	1n 2	19n11	1n55	3 s38	0 s42	5n 7	1n59	33 s15	10 s14	23 s40	23 s38	24n16			n.a.
W 2	23 50	15 3	4 59	22 31	0 17	13 10	3 30	2 39	2 13	10 32	1 2	19 12	1 55	3 37	0 42	5 7	1 59	33 15	10 14	23 40	23 38	24 17			n.a.
T 3	23 49	18 50	4 30	22 51	0 25	13 30	3 28	2 28	2 14	10 35	1 2	19 13	1 55	3 37	0 42	5 7	1 59	33 15	10 14	23 40	23 39	24 17			n.a.
F 4	23 47	21 50	3 50	23 10	0 32	13 50	3 25	2 17	2 14	10 39	1 2	19 14	1 55	3 36	0 42	5 7	1 59	33 15	10 14	23 40	23 39	24 18			n.a.
S 5	23 46	23 53	3 0	23 28	0 39	14 10	3 23	2 6	2 15	10 42	1 2	19 15	1 55	3 36	0 42	5 7	1 59	33 15	10 14	23 40	23 39	24 18			n.a.
S 6	23 43	24 53	2 2	23 45	0 46	14 29	3 21	1 55	2 15	10 45	1 2	19 17	1 56	3 35	0 42	5 8	1 59	33 14	10 14	23 40	23 39	24 19			n.a.
M 7	23 41	24 45	0 59	24 1	0 53	14 49	3 18	1 44	2 16	10 48	1 2	19 18	1 56	3 34	0 42	5 8	1 59	33 14	10 14	23 40	23 39	24 19			n.a.
T 8	23 37	23 29	0 s 7	24 16	0 59	15 8	3 15	1 34	2 16	10 51	1 2	19 19	1 56	3 34	0 41	5 8	1 59	33 14	10 14	23 40	23 39	24 20			n.a.
W 9	23 34	21 7	1 13	24 30	1 5	15 28	3 13	1 23	2 17	10 54	1 2	19 20	1 56	3 33	0 41	5 8	1 59	33 14	10 14	23 40	23 40	24 20			n.a.
T 10	23 30	17 46	2 17	24 43	1 11	15 47	3 10	1 13	2 17	10 57	1 2	19 21	1 56	3 33	0 41	5 8	1 59	33 14	10 14	23 40	23 40	24 20			n.a.
F 11	23 25	13 37	3 16	24 54	1 17	16 5	3 7	1 2	2 18	11 0	1 3	19 22	1 57	3 32	0 41	5 8	1 59	33 13	10 14	23 40	23 40	24 21			n.a.
S 12	23 20	8 48	4 6	25 4	1 22	16 24	3 4	0 52	2 18	11 3	1 3	19 24	1 57	3 31	0 41	5 8	1 59	33 13	10 14	23 40	23 40	24 21			n.a.
S 13	23 14	3 33	4 44	25 13	1 27	16 42	3 1	0 42	2 18	11 6	1 3	19 25	1 57	3 31	0 41	5 9	1 59	33 13	10 14	23 40	23 40	24 22			n.a.
M14	23 8	1 s57	5 9	25 20	1 32	17 0	2 58	0 32	2 19	11 8	1 3	19 26	1 57	3 30	0 41	5 9	1 59	33 13	10 14	23 40	23 40	24 22			n.a.
T 15	23 2	7 29	5 17	25 26	1 36	17 18	2 54	0 22	2 19	11 11	1 3	19 27	1 57	3 29	0 41	5 9	2 0	33 13	10 14	23 40	23 41	24 22			n.a.
W16	22 55	12 47	5 8	25 31	1 41	17 36	2 51	0 12	2 20	11 14	1 3	19 29	1 58	3 29	0 41	5 9	2 0	33 13	10 14	23 40	23 41	24 23			n.a.
T 17	22 48	17 34	4 41	25 33	1 44	17 53	2 48	0 2	2 20	11 16	1 3	19 30	1 58	3 28	0 41	5 9	2 0	33 12	10 14	23 40	23 41	24 23			n.a.
F 18	22 40	21 26	3 56	25 35	1 48	18 10	2 44	0 s 8	2 21	11 19	1 3	19 31	1 58	3 27	0 41	5 10	2 0	33 12	10 14	23 40	23 41	24 23			n.a.
S 19	22 32	24 1	2 55	25 34	1 51	18 26	2 41	0 17	2 21	11 21	1 3	19 33	1 58	3 26	0 41	5 10	2 0	33 12	10 14	23 40	23 41	24 24			n.a.
S 20	22 23	24 58	1 41	25 32	1 54	18 42	2 37	0 27	2 22	11 24	1 3	19 34	1 58	3 26	0 41	5 10	2 0	33 12	10 14	23 40	23 41	24 24			n.a.
M21	22 14	24 8	0 20	25 28	1 56	18 58	2 34	0 36	2 22	11 26	1 3	19 35	1 58	3 25	0 41	5 10	2 0	33 12	10 14	23 40	23 41	24 24			n.a.
T 22	22 5	21 37	1n 1	25 22	1 58	19 13	2 30	0 45	2 22	11 28	1 4	19 37	1 59	3 24	0 41	5 11	2 0	33 12	10 14	23 40	23 42	24 25			n.a.
W23	21 55	17 42	2 18	25 15	2 0	19 28	2 26	0 54	2 23	11 31	1 4	19 38	1 59	3 23	0 41	5 11	2 0	33 12	10 14	23 40	23 42	24 25			n.a.
T 24	21 45	12 48	3 25	25 5	2 1	19 43	2 22	1 3	2 23	11 33	1 4	19 39	1 59	3 22	0 41	5 11	2 0	33 12	10 15	23 40	23 42	24 25			n.a.
F 25	21 34	7 21	4 17	24 54	2 2	19 57	2 19	1 12	2 24	11 35	1 4	19 41	1 59	3 21	0 41	5 12	2 0	33 11	10 15	23 40	23 42	24 26			n.a.
S 26	21 23	1 43	4 53	24 41	2 2	20 11	2 15	1 21	2 24	11 37	1 4	19 42	1 59	3 20	0 41	5 12	2 0	33 11	10 15	23 40	23 42	24 26			n.a.
S 27	21 12	3n48	5 12	24 26	2 2	20 24	2 11	1 29	2 24	11 39	1 4	19 44	1 59	3 20	0 41	5 12	2 0	33 11	10 15	23 40	23 42	24 26			n.a.
M28	21 0	9 0	5 15	24 8	2 1	20 37	2 7	1 38	2 25	11 41	1 4	19 45	1 59	3 19	0 41	5 13	2 0	33 11	10 15	23 41	23 42	24 27			n.a.
T 29	20 48	13 42	5 3	23 49	2 0	20 49	2 3	1 46	2 25	11 43	1 4	19 46	2 0	3 18	0 41	5 13	2 0	33 11	10 15	23 41	23 43	24 27			n.a.
W30	20 35	17 44	4 37	23 28	1 59	21 1	1 59	1 54	2 26	11 45	1 4	19 48	2 0	3 17	0 41	5 13	2 0	33 11	10 15	23 41	23 43	24 27			n.a.
T 31	20 s22	21n 0	4n 0	23 s 4	1 s56	21 s12	1n55	2 s 2	2n26	11 s47	1n 5	19n49	2n 0	3 s16	0 s41	5n14	2n 1	33 s11	10 s15	23 s41	23 s43	24n27			n.a.

Julian Day Number = 1292984.5, Delta T = 07h57m27s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'59, Lahiri = -20°08'58 Julian Calendar 1 Jan. 1173 BCE == Greg. Calendar 21 Dec. 1174 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

FEBRUARY 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 58 11	1♒30'14	28♉47	28♉33	17♐20	10♎58	3♏19	10°R24	23♓29	21°R34	14♉50	6♉26	5♉32	9♊17	n.a.	F 1
S 2	8 2 8	2°30'01	10♊35	0♒28	18°28	11°18	3°24	10♌20	23°32	21♍33	14°52	6°28	5°29	9°24	n.a.	S 2
S 3	8 6 4	3°29'45	22°25	2°23	19°36	11°38	3°29	10°15	23°34	21°32	14°53	6°29	5°26	9°31	n.a.	S 3
M 4	8 10 1	4°29'27	4♋21	4°19	20°44	11°58	3°34	10°10	23°37	21°31	14°55	6°R30	5°22	9°37	n.a.	M 4
T 5	8 13 58	5°29'06	16°27	6°16	21°53	12°17	3°39	10° 6	23°39	21°30	14°57	6°30	5°19	9°44	n.a.	T 5
W 6	8 17 54	6°28'43	28°43	8°14	23° 1	12°36	3°43	10° 1	23°42	21°29	14°58	6°28	5°16	9°51	n.a.	W 6
T 7	8 21 51	7°28'18	11♌13	10°13	24°10	12°54	3°48	9°56	23°44	21°28	15° 0	6°24	5°13	9°57	n.a.	T 7
F 8	8 25 47	8°27'51	23°57	12°13	25°19	13°13	3°52	9°52	23°47	21°27	15° 1	6°20	5°10	10° 4	n.a.	F 8
S 9	8 29 44	9°27'22	6♍54	14°13	26°27	13°30	3°56	9°47	23°50	21°26	15° 3	6°14	5° 7	10°11	n.a.	S 9
S 10	8 33 40	10°26'50	20° 5	16°13	27°36	13°47	4° 0	9°42	23°52	21°25	15° 5	6° 9	5° 3	10°17	n.a.	S 10
M11	8 37 37	11°26'17	3♎29	18°13	28°45	14° 4	4° 4	9°38	23°55	21°24	15° 6	6° 3	5° 0	10°24	n.a.	M11
T 12	8 41 33	12°25'41	17° 6	20°13	29°54	14°20	4° 7	9°33	23°58	21°23	15° 8	6° 0	4°57	10°31	n.a.	T 12
W13	8 45 30	13°25'04	0♏53	22°13	1♑ 4	14°36	4°11	9°28	24° 1	21°22	15° 9	5°57	4°54	10°37	n.a.	W13
T 14	8 49 26	14°24'25	14°51	24°12	2°13	14°51	4°14	9°24	24° 3	21°20	15°11	5°D56	4°51	10°44	n.a.	T 14
F 15	8 53 23	15°23'44	28°59	26°10	3°22	15° 6	4°17	9°19	24° 6	21°19	15°12	5°57	4°47	10°51	n.a.	F 15
S 16	8 57 20	16°23'01	13♐16	28° 7	4°32	15°20	4°20	9°14	24° 9	21°18	15°14	5°58	4°44	10°57	n.a.	S 16
S 17	9 1 16	17°22'17	27°38	0♓ 2	5°41	15°34	4°22	9°10	24°12	21°17	15°15	6° 0	4°41	11° 4	n.a.	S 17
M18	9 5 13	18°21'30	12♑ 5	1°54	6°51	15°48	4°25	9° 5	24°15	21°15	15°17	6°R 0	4°38	11°11	n.a.	M18
T 19	9 9 9	19°20'41	26°30	3°44	8° 1	16° 0	4°27	9° 1	24°18	21°14	15°18	5°58	4°35	11°17	n.a.	T 19
W20	9 13 6	20°19'51	10♒49	5°32	9°10	16°12	4°29	8°56	24°21	21°13	15°20	5°54	4°32	11°24	n.a.	W20
T 21	9 17 2	21°18'58	24°57	7°15	10°20	16°24	4°31	8°51	24°24	21°11	15°21	5°48	4°28	11°31	n.a.	T 21
F 22	9 20 59	22°18'02	8♓49	8°55	11°30	16°35	4°33	8°47	24°27	21°10	15°23	5°41	4°25	11°37	n.a.	F 22
S 23	9 24 55	23°17'05	22°21	10°31	12°40	16°46	4°35	8°42	24°30	21° 9	15°24	5°33	4°22	11°44	n.a.	S 23
S 24	9 28 52	24°16'05	5♈31	12° 2	13°50	16°55	4°36	8°38	24°33	21° 7	15°26	5°25	4°19	11°51	n.a.	S 24
M25	9 32 49	25°15'03	18°19	13°28	15° 0	17° 5	4°37	8°34	24°36	21° 6	15°27	5°18	4°16	11°57	n.a.	M25
T 26	9 36 45	26°13'58	0♉47	14°50	16°10	17°13	4°38	8°29	24°39	21° 4	15°28	5°12	4°13	12° 4	n.a.	T 26
W27	9 40 42	27°12'51	12°57	16° 5	17°20	17°21	4°39	8°25	24°42	21° 3	15°30	5° 9	4° 9	12°11	n.a.	W27
T 28	9 44 38	28°11'42	24°56	17°15	18°31	17°29	4°40	8°21	24°46	21° 1	15°31	5°D 8	4° 6	12°17	n.a.	T 28
F 29	9 48 35	29♒10'30	6♊47	18♓20	19♑41	17♎36	4♏40	8♌16	24♓49	21♍ 0	15♑32	5♑ 8	4♑ 3	12♊24	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20 s 9	23n21	3n13	22 s39	1 s54	21 s23	1n51	2 s10	2n26	11 s49	1n 5	19n50	2n 0	3 s15	0 s41	5n14	2n 1	33 s11	10 s15	23 s41	23 s43	24n28		n.a.
S 2	19 56	24 41	2 18	22 11	1 51	21 33	1 47	2 18	2 27	11 50	1 5	19 52	2 0	3 14	0 41	5 15	2 1	33 11	10 16	23 40	23 43	24 28		n.a.
S 3	19 42	24 53	1 17	21 41	1 47	21 43	1 43	2 26	2 27	11 52	1 5	19 53	2 0	3 13	0 41	5 15	2 1	33 11	10 16	23 40	23 43	24 28		n.a.
M 4	19 27	23 57	0 12	21 9	1 42	21 52	1 39	2 33	2 27	11 54	1 5	19 55	2 0	3 12	0 41	5 16	2 1	33 11	10 16	23 40	23 43	24 28		n.a.
T 5	19 13	21 54	0 s54	20 35	1 37	22 0	1 35	2 41	2 27	11 55	1 5	19 56	2 0	3 11	0 41	5 16	2 1	33 10	10 16	23 40	23 44	24 29		n.a.
W 6	18 58	18 49	1 59	19 59	1 32	22 8	1 31	2 48	2 28	11 57	1 5	19 57	2 0	3 10	0 40	5 16	2 1	33 10	10 16	23 40	23 44	24 29		n.a.
T 7	18 42	14 50	2 59	19 21	1 26	22 16	1 27	2 55	2 28	11 58	1 5	19 59	2 0	3 9	0 40	5 17	2 1	33 10	10 16	23 41	23 44	24 29		n.a.
F 8	18 27	10 8	3 51	18 41	1 19	22 23	1 22	3 2	2 28	11 59	1 5	20 0	2 1	3 7	0 40	5 17	2 1	33 10	10 16	23 41	23 44	24 29		n.a.
S 9	18 11	4 55	4 32	17 59	1 12	22 29	1 18	3 8	2 28	12 1	1 6	20 1	2 1	3 6	0 40	5 18	2 1	33 10	10 17	23 41	23 44	24 30		n.a.
S 10	17 55	0 s35	4 59	17 15	1 4	22 34	1 14	3 15	2 29	12 2	1 6	20 3	2 1	3 5	0 40	5 18	2 1	33 10	10 17	23 41	23 44	24 30		n.a.
M11	17 38	6 9	5 11	16 29	0 55	22 40	1 10	3 21	2 29	12 3	1 6	20 4	2 1	3 4	0 40	5 19	2 1	33 10	10 17	23 42	23 44	24 30		n.a.
T 12	17 21	11 31	5 6	15 42	0 46	22 44	1 6	3 27	2 29	12 4	1 6	20 6	2 1	3 3	0 40	5 19	2 1	33 10	10 17	23 42	23 44	24 30		n.a.
W13	17 4	16 22	4 43	14 54	0 36	22 48	1 2	3 33	2 29	12 5	1 6	20 7	2 1	3 2	0 40	5 20	2 1	33 10	10 17	23 42	23 45	24 30		n.a.
T 14	16 47	20 25	4 3	14 5	0 26	22 51	0 58	3 39	2 29	12 6	1 6	20 8	2 1	3 1	0 40	5 20	2 1	33 10	10 17	23 42	23 45	24 31		n.a.
F 15	16 29	23 19	3 8	13 14	0 15	22 54	0 54	3 45	2 30	12 7	1 6	20 10	2 1	3 0	0 40	5 21	2 1	33 10	10 18	23 42	23 45	24 31		n.a.
S 16	16 11	24 45	2 0	12 23	0 4	22 55	0 50	3 51	2 30	12 8	1 6	20 11	2 1	2 58	0 40	5 22	2 1	33 10	10 18	23 42	23 45	24 31		n.a.
S 17	15 53	24 34	0 45	11 31	0n 8	22 57	0 46	3 56	2 30	12 9	1 6	20 12	2 1	2 57	0 40	5 22	2 1	33 10	10 18	23 42	23 45	24 31		n.a.
M18	15 35	22 44	0n33	10 40	0 20	22 57	0 42	4 1	2 30	12 10	1 7	20 13	2 1	2 56	0 40	5 23	2 1	33 10	10 18	23 42	23 45	24 31		n.a.
T 19	15 16	19 25	1 49	9 48	0 32	22 57	0 38	4 6	2 30	12 10	1 7	20 15	2 1	2 55	0 40	5 23	2 2	33 10	10 18	23 42	23 45	24 31		n.a.
W20	14 57	14 58	2 57	8 57	0 45	22 57	0 34	4 11	2 30	12 11	1 7	20 16	2 1	2 54	0 40	5 24	2 2	33 10	10 18	23 42	23 45	24 31		n.a.
T 21	14 38	9 45	3 54	8 6	0 57	22 55	0 30	4 15	2 30	12 11	1 7	20 17	2 1	2 52	0 40	5 24	2 2	33 10	10 19	23 42	23 45	24 32		n.a.
F 22	14 18	4 9	4 35	7 17	1 10	22 54	0 26	4 19	2 30	12 12	1 7	20 18	2 1	2 51	0 40	5 25	2 2	33 10	10 19	23 43	23 46	24 32		n.a.
S 23	13 59	1n29	5 0	6 29	1 22	22 51	0 22	4 24	2 30	12 12	1 7	20 20	2 1	2 50	0 40	5 25	2 2	33 10	10 19	23 43	23 46	24 32		n.a.
S 24	13 39	6 55	5 8	5 42	1 35	22 48	0 19	4 27	2 30	12 13	1 7	20 21	2 1	2 49	0 40	5 26	2 2	33 10	10 19	23 43	23 46	24 32		n.a.
M25	13 19	11 54	5 0	4 58	1 47	22 44	0 15	4 31	2 30	12 13	1 7	20 22	2 1	2 47	0 40	5 27	2 2	33 10	10 20	23 44	23 46	24 32		n.a.
T 26	12 59	16 15	4 38	4 15	1 59	22 39	0 11	4 35	2 29	12 13	1 7	20 23	2 1	2 46	0 40	5 27	2 2	33 10	10 20	23 44	23 46	24 32		n.a.
W27	12 38	19 51	4 4	3 35	2 10	22 34	0 7	4 38	2 29	12 13	1 8	20 24	2 1	2 45	0 40	5 28	2 2	33 10	10 20	23 44	23 46	24 32		n.a.
T 28	12 18	22 32	3 19	2 57	2 21	22 28	0 4	4 41	2 29	12 14	1 8	20 26	2 1	2 43	0 40	5 29	2 2	33 10	10 20	23 44	23 46	24 32		n.a.
F 29	11 s57	24n12	2n27	2 s23	2n31	22 s22	0n 0	4 s44	2n29	12 s14	1n 8	20n27	2n 1	2 s42	0 s40	5n29	2n 2	33 s10	10 s20	23 s44	23 s46	24n32		n.a.

Julian Day Number = 1293015.5, Delta T = 07h57m26s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'55, Lahiri = -20°08'54 Julian Calendar 1 Feb. 1173 BCE == Greg. Calendar 21 Jan. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

MARCH 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 31	0♓ 9'16	18♊35	19♓18	20♉51	17♎42	4♏40	8°R12	24♓52	20°R59	15♉34	5♉ 9	4♉ 0	12♊31	n.a.	S 1
S 2	9 56 28	1° 8'00	0♋27	20°10	22° 1	17°47	4°R40	8♌ 8	24°55	20♍57	15°35	5°R10	3°57	12°37	n.a.	S 2
M 3	10 0 24	2° 6'41	12°26	20°56	23°12	17°52	4°40	8° 4	24°58	20°56	15°36	5°10	3°53	12°44	n.a.	M 3
T 4	10 4 21	3° 5'20	24°38	21°35	24°22	17°56	4°40	8° 0	25° 2	20°54	15°38	5° 8	3°50	12°51	n.a.	T 4
W 5	10 8 17	4° 3'57	7♌ 5	22° 8	25°33	18° 0	4°40	7°56	25° 5	20°52	15°39	5° 4	3°47	12°57	n.a.	W 5
T 6	10 12 14	5° 2'31	19°50	22°35	26°43	18° 2	4°39	7°52	25° 8	20°51	15°40	4°57	3°44	13° 4	n.a.	T 6
F 7	10 16 11	6° 1'03	2♍53	22°55	27°54	18° 4	4°38	7°48	25°11	20°49	15°41	4°48	3°41	13°10	n.a.	F 7
S 8	10 20 7	6°59'33	16°14	23° 9	29° 5	18° 6	4°37	7°44	25°15	20°48	15°42	4°38	3°38	13°17	n.a.	S 8
S 9	10 24 4	7°58'02	29°51	23°16	0♒15	18°R 6	4°36	7°41	25°18	20°46	15°44	4°27	3°34	13°24	n.a.	S 9
M10	10 28 0	8°56'28	13♎40	23°R17	1°26	18° 6	4°34	7°37	25°21	20°45	15°45	4°18	3°31	13°30	n.a.	M10
T 11	10 31 57	9°54'52	27°38	23°12	2°37	18° 5	4°33	7°33	25°25	20°43	15°46	4°10	3°28	13°37	n.a.	T 11
W12	10 35 53	10°53'15	11♏42	23° 2	3°48	18° 4	4°31	7°30	25°28	20°41	15°47	4° 4	3°25	13°44	n.a.	W12
T 13	10 39 50	11°51'36	25°48	22°46	4°59	18° 1	4°29	7°26	25°31	20°40	15°48	4° 1	3°22	13°50	n.a.	T 13
F 14	10 43 46	12°49'55	9♐56	22°25	6°10	17°58	4°27	7°23	25°35	20°38	15°49	4°D 0	3°19	13°57	n.a.	F 14
S 15	10 47 43	13°48'13	24° 4	22° 0	7°21	17°54	4°24	7°20	25°38	20°37	15°50	4° 0	3°15	14° 4	n.a.	S 15
S 16	10 51 40	14°46'29	8♑ 9	21°30	8°32	17°49	4°22	7°16	25°42	20°35	15°51	4°R 0	3°12	14°10	n.a.	S 16
M17	10 55 36	15°44'43	22°13	20°58	9°43	17°44	4°19	7°13	25°45	20°33	15°52	3°59	3° 9	14°17	n.a.	M17
T 18	10 59 33	16°42'56	6♒12	20°22	10°54	17°38	4°16	7°10	25°48	20°32	15°53	3°56	3° 6	14°24	n.a.	T 18
W19	11 3 29	17°41'07	20° 5	19°44	12° 5	17°31	4°13	7° 7	25°52	20°30	15°54	3°49	3° 3	14°30	n.a.	W19
T 20	11 7 26	18°39'16	3♓49	19° 5	13°16	17°23	4°10	7° 4	25°55	20°29	15°55	3°41	2°59	14°37	n.a.	T 20
F 21	11 11 22	19°37'24	17°21	18°25	14°27	17°14	4° 7	7° 1	25°59	20°27	15°56	3°29	2°56	14°44	n.a.	F 21
S 22	11 15 19	20°35'29	0♈37	17°45	15°39	17° 5	4° 3	6°59	26° 2	20°25	15°57	3°17	2°53	14°50	n.a.	S 22
S 23	11 19 15	21°33'33	13°36	17° 6	16°50	16°55	3°59	6°56	26° 6	20°24	15°58	3° 5	2°50	14°57	n.a.	S 23
M24	11 23 12	22°31'35	26°17	16°29	18° 1	16°44	3°55	6°53	26° 9	20°22	15°59	2°54	2°47	15° 4	n.a.	M24
T 25	11 27 8	23°29'35	8♉41	15°53	19°13	16°33	3°51	6°51	26°12	20°20	16° 0	2°45	2°44	15°10	n.a.	T 25
W26	11 31 5	24°27'33	20°50	15°20	20°24	16°21	3°47	6°48	26°16	20°19	16° 0	2°38	2°40	15°17	n.a.	W26
T 27	11 35 2	25°25'29	2♊48	14°50	21°35	16° 8	3°43	6°46	26°19	20°17	16° 1	2°34	2°37	15°24	n.a.	T 27
F 28	11 38 58	26°23'23	14°38	14°23	22°47	15°54	3°38	6°44	26°23	20°16	16° 2	2°33	2°34	15°30	n.a.	F 28
S 29	11 42 55	27°21'15	26°27	14° 1	23°58	15°40	3°33	6°42	26°26	20°14	16° 3	2°32	2°31	15°37	n.a.	S 29
S 30	11 46 51	28°19'06	8♋18	13°42	25°10	15°25	3°29	6°40	26°30	20°12	16° 3	2°32	2°28	15°43	n.a.	S 30
M31	11 50 48	29♓16'54	20♋19	13♓28	26♒21	15♎10	3♏23	6♌38	26♓33	20♍11	16♉ 4	2♉31	2♉24	15♊50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s36	24n48	1n28	1s51	2n41	22s15	0s 4	4s47	2n28	12s14	1n 8	20n28	2n 1	2s41	0s40	5n30	2n 2	33s11	10s21	23s44	23s46	24n33		n.a.
S 2	11 15	24 15	0 25	1 22	2 49	22 7	0 7	4 49	2 28	12 14	1 8	20 29	2 1	2 40	0 40	5 30	2 2	33 11	10 21	23 44	23 46	24 33		n.a.
M 3	10 54	22 36	0s39	0 56	2 57	21 59	0 11	4 51	2 28	12 13	1 8	20 30	2 1	2 38	0 40	5 31	2 2	33 11	10 21	23 44	23 47	24 33		n.a.
T 4	10 32	19 52	1 42	0 34	3 4	21 50	0 14	4 53	2 27	12 13	1 8	20 31	2 1	2 37	0 40	5 32	2 2	33 11	10 21	23 44	23 47	24 33		n.a.
W 5	10 11	16 12	2 42	0 16	3 10	21 40	0 17	4 55	2 27	12 13	1 8	20 32	2 1	2 36	0 40	5 32	2 2	33 11	10 22	23 44	23 47	24 33		n.a.
T 6	9 49	11 42	3 35	0 1	3 15	21 30	0 21	4 56	2 26	12 13	1 8	20 33	2 1	2 34	0 40	5 33	2 2	33 11	10 22	23 44	23 47	24 33		n.a.
F 7	9 27	6 36	4 18	0n11	3 19	21 19	0 24	4 58	2 26	12 12	1 8	20 34	2 1	2 33	0 40	5 34	2 2	33 11	10 22	23 45	23 47	24 33		n.a.
S 8	9 5	1 6	4 48	0 19	3 22	21 7	0 27	4 59	2 25	12 12	1 9	20 35	2 1	2 32	0 40	5 34	2 2	33 11	10 22	23 45	23 47	24 33		n.a.
S 9	8 43	4s33	5 2	0 23	3 23	20 55	0 30	5 0	2 24	12 11	1 9	20 36	2 1	2 30	0 40	5 35	2 2	33 11	10 23	23 45	23 47	24 33		n.a.
M10	8 21	10 4	4 59	0 23	3 23	20 43	0 34	5 0	2 24	12 11	1 9	20 37	2 1	2 29	0 40	5 36	2 2	33 11	10 23	23 46	23 47	24 33		n.a.
T 11	7 59	15 7	4 39	0 20	3 21	20 30	0 37	5 1	2 23	12 10	1 9	20 38	2 1	2 28	0 40	5 36	2 2	33 11	10 23	23 46	23 47	24 33		n.a.
W12	7 36	19 24	4 1	0 13	3 18	20 16	0 40	5 1	2 22	12 9	1 9	20 39	2 1	2 26	0 40	5 37	2 2	33 12	10 23	23 46	23 47	24 33		n.a.
T 13	7 14	22 34	3 8	0 3	3 14	20 1	0 42	5 1	2 21	12 9	1 9	20 40	2 1	2 25	0 40	5 37	2 2	33 12	10 24	23 46	23 47	24 33		n.a.
F 14	6 51	24 21	2 4	0s11	3 8	19 46	0 45	5 0	2 20	12 8	1 9	20 40	2 1	2 23	0 40	5 38	2 2	33 12	10 24	23 46	23 48	24 33		n.a.
S 15	6 28	24 35	0 53	0 28	3 1	19 31	0 48	5 0	2 19	12 7	1 9	20 41	2 1	2 22	0 40	5 39	2 2	33 12	10 24	23 46	23 48	24 33		n.a.
S 16	6 6	23 13	0n22	0 48	2 52	19 15	0 51	4 59	2 18	12 6	1 9	20 42	2 1	2 21	0 40	5 39	2 2	33 12	10 25	23 46	23 48	24 33		n.a.
M17	5 43	20 24	1 35	1 10	2 42	18 58	0 54	4 58	2 17	12 5	1 9	20 43	2 1	2 19	0 40	5 40	2 2	33 12	10 25	23 46	23 48	24 33		n.a.
T 18	5 20	16 25	2 42	1 35	2 31	18 41	0 56	4 56	2 16	12 4	1 9	20 43	2 1	2 18	0 40	5 41	2 2	33 12	10 25	23 47	23 48	24 33		n.a.
W19	4 57	11 34	3 39	2 1	2 18	18 23	0 59	4 55	2 15	12 3	1 9	20 44	2 0	2 17	0 40	5 41	2 2	33 13	10 25	23 47	23 48	24 33		n.a.
T 20	4 34	6 13	4 22	2 29	2 4	18 5	1 1	4 53	2 14	12 2	1 10	20 45	2 0	2 15	0 40	5 42	2 2	33 13	10 26	23 47	23 48	24 33		n.a.
F 21	4 10	0 39	4 49	2 58	1 50	17 47	1 4	4 51	2 12	12 0	1 10	20 46	2 0	2 14	0 40	5 43	2 2	33 13	10 26	23 47	23 48	24 33		n.a.
S 22	3 47	4n50	5 1	3 28	1 35	17 27	1 6	4 49	2 11	11 59	1 10	20 46	2 0	2 12	0 40	5 43	2 2	33 13	10 26	23 48	23 48	24 33		n.a.
S 23	3 24	9 59	4 56	3 58	1 19	17 8	1 8	4 46	2 9	11 58	1 10	20 47	2 0	2 11	0 40	5 44	2 2	33 13	10 27	23 48	23 48	24 33		n.a.
M24	3 1	14 36	4 37	4 28	1 3	16 48	1 10	4 43	2 8	11 56	1 10	20 47	2 0	2 10	0 40	5 45	2 2	33 13	10 27	23 48	23 48	24 32		n.a.
T 25	2 37	18 29	4 5	4 57	0 46	16 27	1 12	4 40	2 6	11 55	1 10	20 48	2 0	2 8	0 40	5 45	2 2	33 14	10 27	23 48	23 48	24 32		n.a.
W26	2 14	21 30	3 22	5 25	0 29	16 6	1 14	4 37	2 4	11 54	1 10	20 48	2 0	2 7	0 40	5 46	2 2	33 14	10 27	23 48	23 48	24 32		n.a.
T 27	1 51	23 31	2 31	5 52	0 13	15 45	1 16	4 34	2 3	11 52	1 10	20 49	2 0	2 5	0 40	5 47	2 2	33 14	10 28	23 49	23 48	24 32		n.a.
F 28	1 27	24 29	1 33	6 18	0s 4	15 23	1 18	4 30	2 1	11 50	1 10	20 49	2 0	2 4	0 40	5 47	2 2	33 14	10 28	23 49	23 49	24 32		n.a.
S 29	1 4	24 19	0 32	6 41	0 20	15 0	1 20	4 27	1 59	11 49	1 10	20 50	2 0	2 3	0 40	5 48	2 2	33 14	10 28	23 49	23 49	24 32		n.a.
S 30	0 41	23 4	0s31	7 3	0 35	14 38	1 22	4 23	1 57	11 47	1 10	20 50	1 59	2 1	0 40	5 49	2 2	33 15	10 29	23 49	23 49	24 32		n.a.
M31	0s17	20n44	1s33	7s23	0s50	14s15	1s23	4s19	1n55	11s45	1n10	20n51	1n59	2s 0	0s40	5n49	2n 2	33s15	10s29	23s49	23s49	24n32		n.a.

Julian Day Number = 1293044.5, Delta T = 07h57m24s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'51, Lahiri = -20°08'50 Julian Calendar 1 March 1173 BCE == Greg. Calendar 19 Feb. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

APRIL 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 44	0♈14'41	2♌34	13°R19	27♒33	14°R54	3°R18	6°R36	26♓37	20°R 9	16♑ 5	2°R29	2♑21	15♊57	n.a.	T 1
W 2	11 58 41	1°12'25	15° 7	13♓14	28°44	14♎37	3♏13	6♌34	26°40	20♍ 7	16° 5	2♑24	2°18	16° 3	n.a.	W 2
T 3	12 2 37	2°10'08	28° 1	13°D13	29°56	14°20	3° 8	6°33	26°43	20° 6	16° 6	2°16	2°15	16°10	n.a.	T 3
F 4	12 6 34	3° 7'50	11♍19	13°18	1♓ 7	14° 3	3° 2	6°31	26°47	20° 4	16° 7	2° 7	2°12	16°17	n.a.	F 4
S 5	12 10 30	4° 5'29	24°59	13°27	2°19	13°45	2°56	6°29	26°50	20° 3	16° 7	1°55	2° 9	16°23	n.a.	S 5
S 6	12 14 27	5° 3'07	8♎59	13°40	3°31	13°26	2°50	6°28	26°54	20° 1	16° 8	1°43	2° 5	16°30	n.a.	S 6
M 7	12 18 24	6° 0'44	23°14	13°58	4°42	13° 7	2°45	6°27	26°57	20° 0	16° 8	1°32	2° 2	16°37	n.a.	M 7
T 8	12 22 20	6°58'19	7♏38	14°21	5°54	12°48	2°38	6°26	27° 0	19°58	16° 9	1°23	1°59	16°43	n.a.	T 8
W 9	12 26 17	7°55'53	22° 6	14°48	7° 6	12°29	2°32	6°25	27° 4	19°57	16° 9	1°16	1°56	16°50	n.a.	W 9
T 10	12 30 13	8°53'26	6♐31	15°19	8°17	12° 9	2°26	6°24	27° 7	19°55	16°10	1°12	1°53	16°57	n.a.	T 10
F 11	12 34 10	9°50'58	20°50	15°54	9°29	11°49	2°19	6°23	27°11	19°53	16°10	1°11	1°50	17° 3	n.a.	F 11
S 12	12 38 6	10°48'29	5♑ 1	16°33	10°41	11°29	2°13	6°22	27°14	19°52	16°11	1°11	1°46	17°10	n.a.	S 12
S 13	12 42 3	11°45'59	19° 2	17°15	11°53	11° 8	2° 6	6°21	27°17	19°50	16°11	1°11	1°43	17°17	n.a.	S 13
M14	12 45 59	12°43'28	2♒54	18° 2	13° 5	10°48	2° 0	6°21	27°21	19°49	16°11	1° 9	1°40	17°23	n.a.	M14
T 15	12 49 56	13°40'56	16°35	18°52	14°17	10°27	1°53	6°20	27°24	19°48	16°12	1° 6	1°37	17°30	n.a.	T 15
W16	12 53 53	14°38'23	0♓ 5	19°45	15°29	10° 7	1°46	6°20	27°27	19°46	16°12	1° 0	1°34	17°37	n.a.	W16
T 17	12 57 49	15°35'49	13°25	20°42	16°41	9°46	1°39	6°19	27°31	19°45	16°12	0°51	1°30	17°43	n.a.	T 17
F 18	13 1 46	16°33'14	26°34	21°42	17°53	9°26	1°32	6°19	27°34	19°43	16°12	0°40	1°27	17°50	n.a.	F 18
S 19	13 5 42	17°30'38	9♈29	22°46	19° 5	9° 6	1°25	6°D19	27°37	19°42	16°13	0°28	1°24	17°56	n.a.	S 19
S 20	13 9 39	18°28'01	22°11	23°52	20°17	8°45	1°17	6°19	27°41	19°40	16°13	0°16	1°21	18° 3	n.a.	S 20
M21	13 13 35	19°25'22	4♉39	25° 1	21°29	8°25	1°10	6°19	27°44	19°39	16°13	0° 5	1°18	18°10	n.a.	M21
T 22	13 17 32	20°22'43	16°54	26°14	22°41	8° 6	1° 3	6°19	27°47	19°38	16°13	29♐56	1°15	18°16	n.a.	T 22
W23	13 21 28	21°20'03	28°57	27°29	23°53	7°47	0°55	6°20	27°50	19°36	16°13	29°50	1°11	18°23	n.a.	W23
T 24	13 25 25	22°17'22	10♊51	28°47	25° 5	7°28	0°48	6°20	27°54	19°35	16°13	29°46	1° 8	18°30	n.a.	T 24
F 25	13 29 22	23°14'39	22°40	0♈ 8	26°17	7° 9	0°40	6°21	27°57	19°34	16°13	29°44	1° 5	18°36	n.a.	F 25
S 26	13 33 18	24°11'55	4♋27	1°32	27°29	6°51	0°33	6°21	28° 0	19°32	16°14	29°D44	1° 2	18°43	n.a.	S 26
S 27	13 37 15	25° 9'11	16°18	2°58	28°41	6°33	0°25	6°22	28° 3	19°31	16°R14	29°44	0°59	18°50	n.a.	S 27
M28	13 41 11	26° 6'25	28°18	4°27	29°54	6°16	0°18	6°23	28° 6	19°30	16°14	29°R44	0°56	18°56	n.a.	M28
T 29	13 45 8	27° 3'38	10♌33	5°59	1♈ 6	6° 0	0°10	6°24	28° 9	19°29	16°14	29°43	0°52	19° 3	n.a.	T 29
W30	13 49 4	28♈ 0'50	23♌ 7	7♈34	2♈18	5♎44	0♏ 2	6♌25	28♓13	19♍28	16♑13	29♐41	0♑49	19♊10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 6	17n27	2s32	7s40	1s 5	13s51	1s25	4s14	1n52	11s43	1n10	20n51	1n59	1s58	0s40	5n50	2n 2	33s15	10s29	23s49	23s49	24n32		n.a.
W 2	0 29	13 18	3 25	7 54	1 19	13 27	1 27	4 10	1 50	11 42	1 10	20 51	1 59	1 57	0 40	5 51	2 2	33 15	10 30	23 49	23 49	24 32		n.a.
T 3	0 53	8 28	4 9	8 6	1 32	13 3	1 28	4 5	1 48	11 40	1 10	20 52	1 59	1 56	0 40	5 51	2 2	33 15	10 30	23 49	23 49	24 31		n.a.
F 4	1 16	3 7	4 41	8 16	1 44	12 39	1 29	4 1	1 45	11 38	1 10	20 52	1 59	1 54	0 40	5 52	2 2	33 16	10 30	23 49	23 49	24 31		n.a.
S 5	1 39	2s32	4 58	8 23	1 55	12 14	1 31	3 56	1 43	11 36	1 10	20 52	1 59	1 53	0 40	5 52	2 2	33 16	10 30	23 49	23 49	24 31		n.a.
S 6	2 2	8 10	4 58	8 27	2 6	11 48	1 32	3 51	1 40	11 34	1 10	20 53	1 59	1 51	0 40	5 53	2 2	33 16	10 31	23 49	23 49	24 31		n.a.
M 7	2 26	13 29	4 40	8 29	2 16	11 23	1 33	3 46	1 38	11 32	1 10	20 53	1 59	1 50	0 40	5 54	2 2	33 16	10 31	23 50	23 49	24 31		n.a.
T 8	2 49	18 6	4 3	8 28	2 25	10 57	1 34	3 41	1 35	11 30	1 10	20 53	1 58	1 49	0 40	5 54	2 2	33 17	10 31	23 50	23 49	24 31		n.a.
W 9	3 12	21 40	3 11	8 25	2 33	10 31	1 35	3 36	1 32	11 27	1 10	20 53	1 58	1 47	0 40	5 55	2 2	33 17	10 32	23 50	23 49	24 30		n.a.
T 10	3 35	23 50	2 7	8 20	2 40	10 4	1 36	3 30	1 30	11 25	1 10	20 53	1 58	1 46	0 40	5 55	2 2	33 17	10 32	23 50	23 49	24 30		n.a.
F 11	3 58	24 25	0 54	8 12	2 46	9 38	1 37	3 25	1 27	11 23	1 10	20 53	1 58	1 45	0 40	5 56	2 2	33 17	10 32	23 50	23 49	24 30		n.a.
S 12	4 21	23 24	0n20	8 1	2 51	9 11	1 37	3 20	1 24	11 21	1 10	20 53	1 58	1 43	0 40	5 57	2 2	33 18	10 33	23 50	23 49	24 30		n.a.
S 13	4 44	20 55	1 33	7 48	2 56	8 43	1 38	3 15	1 21	11 18	1 10	20 54	1 58	1 42	0 40	5 57	2 2	33 18	10 33	23 50	23 49	24 30		n.a.
M14	5 6	17 15	2 40	7 33	3 0	8 16	1 39	3 9	1 18	11 16	1 10	20 54	1 58	1 41	0 40	5 58	2 2	33 18	10 33	23 50	23 49	24 29		n.a.
T 15	5 29	12 42	3 36	7 16	3 3	7 48	1 39	3 4	1 15	11 14	1 10	20 54	1 58	1 39	0 40	5 58	2 2	33 18	10 34	23 50	23 49	24 29		n.a.
W16	5 52	7 35	4 19	6 57	3 5	7 20	1 39	2 58	1 12	11 11	1 10	20 54	1 57	1 38	0 40	5 59	2 2	33 19	10 34	23 50	23 50	24 29		n.a.
T 17	6 14	2 12	4 48	6 35	3 6	6 52	1 40	2 53	1 8	11 9	1 10	20 54	1 57	1 37	0 40	5 59	2 2	33 19	10 34	23 50	23 50	24 29		n.a.
F 18	6 37	3n12	5 1	6 12	3 7	6 24	1 40	2 48	1 5	11 7	1 10	20 53	1 57	1 35	0 40	6 0	2 2	33 19	10 35	23 50	23 50	24 29		n.a.
S 19	6 59	8 22	4 58	5 46	3 7	5 55	1 40	2 43	1 2	11 4	1 10	20 53	1 57	1 34	0 40	6 0	2 2	33 20	10 35	23 50	23 50	24 28		n.a.
S 20	7 21	13 6	4 40	5 19	3 6	5 27	1 40	2 38	0 59	11 2	1 10	20 53	1 57	1 33	0 40	6 1	2 2	33 20	10 35	23 50	23 50	24 28		n.a.
M21	7 43	17 11	4 9	4 49	3 4	4 58	1 40	2 33	0 55	10 59	1 10	20 53	1 57	1 31	0 40	6 2	2 2	33 20	10 36	23 50	23 50	24 28		n.a.
T 22	8 5	20 28	3 27	4 18	3 2	4 29	1 40	2 28	0 52	10 57	1 10	20 53	1 57	1 30	0 40	6 2	2 2	33 21	10 36	23 50	23 50	24 28		n.a.
W23	8 27	22 48	2 36	3 45	2 59	4 0	1 40	2 23	0 49	10 54	1 10	20 53	1 57	1 29	0 40	6 3	2 2	33 21	10 36	23 50	23 50	24 27		n.a.
T 24	8 49	24 4	1 39	3 10	2 56	3 31	1 40	2 19	0 45	10 51	1 10	20 52	1 56	1 27	0 40	6 3	2 2	33 21	10 37	23 50	23 50	24 27		n.a.
F 25	9 11	24 15	0 38	2 34	2 51	3 1	1 40	2 15	0 42	10 49	1 9	20 52	1 56	1 26	0 40	6 4	2 2	33 21	10 37	23 50	23 50	24 27		n.a.
S 26	9 32	23 20	0s25	1 55	2 47	2 32	1 40	2 10	0 39	10 46	1 9	20 52	1 56	1 25	0 40	6 4	2 2	33 22	10 37	23 50	23 50	24 27		n.a.
S 27	9 53	21 22	1 27	1 16	2 41	2 2	1 39	2 6	0 35	10 44	1 9	20 52	1 56	1 24	0 40	6 4	2 2	33 22	10 38	23 50	23 50	24 26		n.a.
M28	10 15	18 27	2 27	0 34	2 35	1 33	1 39	2 3	0 32	10 41	1 9	20 51	1 56	1 22	0 40	6 5	2 2	33 22	10 38	23 50	23 50	24 26		n.a.
T 29	10 36	14 40	3 20	0n 9	2 29	1 3	1 38	1 59	0 28	10 38	1 9	20 51	1 56	1 21	0 40	6 5	2 2	33 23	10 38	23 50	23 50	24 26		n.a.
W30	10n56	10n10	4s 6	0n53	2s22	0s33	1s38	1s56	0n25	10s36	1n 9	20n50	1n56	1s20	0s40	6n 6	2n 2	33s23	10s39	23s50	23s50	24n25		n.a.

Julian Day Number = 1293075.5, Delta T = 07h57m23s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'46, Lahiri = -20°08'46 Julian Calendar 1 Apr. 1173 BCE == Greg. Calendar 21 March 1173 BCE

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

MAY 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 1	28♈58'01	6♍ 4	9♈11	3♈30	5°R28	29°R55	6♌26	28♓16	19°R26	16°R13	29°R36	0♉46	19♊16	n.a.	T 1
F 2	13 56 57	29°55'10	19°27	10°51	4°43	5♎13	29♎47	6°27	28°19	19♍25	16♉13	29♐29	0°43	19°23	n.a.	F 2
S 3	14 0 54	0♉52'20	3♎17	12°33	5°55	4°59	29°40	6°29	28°22	19°24	16°13	29°20	0°40	19°30	n.a.	S 3
S 4	14 4 51	1°49'28	17°31	14°18	7° 7	4°46	29°32	6°30	28°25	19°23	16°13	29°11	0°36	19°36	n.a.	S 4
M 5	14 8 47	2°46'35	2♏ 5	16° 6	8°20	4°33	29°24	6°31	28°28	19°22	16°13	29° 3	0°33	19°43	n.a.	M 5
T 6	14 12 44	3°43'43	16°52	17°56	9°32	4°21	29°17	6°33	28°31	19°21	16°13	28°56	0°30	19°50	n.a.	T 6
W 7	14 16 40	4°40'49	1♐43	19°48	10°45	4°10	29° 9	6°35	28°34	19°20	16°12	28°51	0°27	19°56	n.a.	W 7
T 8	14 20 37	5°37'56	16°31	21°43	11°57	4° 0	29° 2	6°37	28°37	19°19	16°12	28°48	0°24	20° 3	n.a.	T 8
F 9	14 24 33	6°35'02	1♑ 9	23°41	13° 9	3°50	28°54	6°39	28°39	19°18	16°12	28°D48	0°21	20° 9	n.a.	F 9
S 10	14 28 30	7°32'08	15°33	25°40	14°22	3°41	28°47	6°41	28°42	19°17	16°12	28°49	0°17	20°16	n.a.	S 10
S 11	14 32 27	8°29'13	29°41	27°42	15°34	3°33	28°39	6°43	28°45	19°16	16°11	28°49	0°14	20°23	n.a.	S 11
M12	14 36 23	9°26'19	13♒31	29°46	16°47	3°26	28°32	6°45	28°48	19°15	16°11	28°R50	0°11	20°29	n.a.	M12
T 13	14 40 20	10°23'25	27° 4	1♉51	18° 0	3°19	28°24	6°47	28°51	19°14	16°11	28°48	0° 8	20°36	n.a.	T 13
W14	14 44 16	11°20'30	10♓21	3°58	19°12	3°14	28°17	6°49	28°53	19°13	16°10	28°45	0° 5	20°43	n.a.	W14
T 15	14 48 13	12°17'36	23°24	6° 6	20°25	3° 9	28°10	6°52	28°56	19°12	16°10	28°40	0° 1	20°49	n.a.	T 15
F 16	14 52 9	13°14'41	6♈13	8°15	21°37	3° 5	28° 3	6°55	28°59	19°12	16° 9	28°33	29♐58	20°56	n.a.	F 16
S 17	14 56 6	14°11'46	18°49	10°25	22°50	3° 2	27°55	6°57	29° 2	19°11	16° 9	28°25	29°55	21° 3	n.a.	S 17
S 18	15 0 2	15° 8'52	1♉13	12°36	24° 3	3° 0	27°48	7° 0	29° 4	19°10	16° 8	28°18	29°52	21° 9	n.a.	S 18
M19	15 3 59	16° 5'57	13°27	14°47	25°16	2°58	27°41	7° 3	29° 7	19° 9	16° 8	28°11	29°49	21°16	n.a.	M19
T 20	15 7 56	17° 3'02	25°30	16°58	26°28	2°D57	27°35	7° 6	29° 9	19° 9	16° 7	28° 5	29°46	21°23	n.a.	T 20
W21	15 11 52	18° 0'08	7♊26	19° 8	27°41	2°58	27°28	7° 9	29°12	19° 8	16° 7	28° 1	29°42	21°29	n.a.	W21
T 22	15 15 49	18°57'13	19°16	21°18	28°54	2°59	27°21	7°12	29°14	19° 7	16° 6	27°59	29°39	21°36	n.a.	T 22
F 23	15 19 45	19°54'18	1♋ 3	23°27	0♉ 7	3° 1	27°15	7°15	29°17	19° 7	16° 6	27°D59	29°36	21°43	n.a.	F 23
S 24	15 23 42	20°51'23	12°49	25°35	1°20	3° 3	27° 8	7°18	29°19	19° 6	16° 5	27°59	29°33	21°49	n.a.	S 24
S 25	15 27 38	21°48'27	24°41	27°42	2°32	3° 7	27° 2	7°22	29°22	19° 6	16° 4	28° 1	29°30	21°56	n.a.	S 25
M26	15 31 35	22°45'32	6♌41	29°48	3°45	3°11	26°56	7°25	29°24	19° 5	16° 4	28° 3	29°27	22° 2	n.a.	M26
T 27	15 35 32	23°42'36	18°54	1♊52	4°58	3°16	26°49	7°29	29°26	19° 5	16° 3	28°R 4	29°23	22° 9	n.a.	T 27
W28	15 39 28	24°39'41	1♍26	3°55	6°11	3°22	26°43	7°32	29°29	19° 4	16° 2	28° 3	29°20	22°16	n.a.	W28
T 29	15 43 25	25°36'45	14°21	5°56	7°24	3°29	26°37	7°36	29°31	19° 4	16° 2	28° 2	29°17	22°22	n.a.	T 29
F 30	15 47 21	26°33'49	27°42	7°55	8°37	3°37	26°32	7°40	29°33	19° 3	16° 1	27°59	29°14	22°29	n.a.	F 30
S 31	15 51 18	27♉30'53	11♎31	9♊52	9♉50	3♎45	26♎26	7♌44	29♓35	19♍ 3	16♑ 0	27♐56	29♐11	22♊36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n17	5n 6	4s40	1n39	2s14	0s 4	1s37	1s53	0n22	10s33	1n 9	20n50	1n55	1s19	0s40	6n 6	2n 2	33s23	10s39	23s50	23s50	24n25		n.a.
F 2	11 38	0s21	5 1	2 26	2 6	0n26	1 36	1 50	0 18	10 31	1 9	20 50	1 55	1 17	0 40	6 7	2 2	33 24	10 39	23 50	23 50	24 25		n.a.
S 3	11 58	5 58	5 4	3 15	1 57	0 56	1 35	1 47	0 15	10 28	1 9	20 49	1 55	1 16	0 40	6 7	2 1	33 24	10 39	23 50	23 50	24 24		n.a.
S 4	12 18	11 26	4 50	4 4	1 48	1 26	1 34	1 45	0 12	10 25	1 9	20 49	1 55	1 15	0 40	6 8	2 1	33 24	10 40	23 50	23 50	24 24		n.a.
M 5	12 38	16 24	4 16	4 55	1 39	1 56	1 34	1 43	0 8	10 23	1 8	20 48	1 55	1 14	0 40	6 8	2 1	33 25	10 40	23 50	23 50	24 24		n.a.
T 6	12 58	20 25	3 25	5 47	1 29	2 25	1 33	1 41	0 5	10 20	1 8	20 48	1 55	1 13	0 40	6 8	2 1	33 25	10 40	23 50	23 50	24 23		n.a.
W 7	13 18	23 8	2 20	6 39	1 19	2 55	1 31	1 39	0 2	10 18	1 8	20 47	1 55	1 11	0 40	6 9	2 1	33 25	10 41	23 50	23 50	24 23		n.a.
T 8	13 37	24 14	1 6	7 33	1 8	3 25	1 30	1 38	0s 1	10 15	1 8	20 46	1 55	1 10	0 40	6 9	2 1	33 26	10 41	23 50	23 50	24 23		n.a.
F 9	13 56	23 37	0n13	8 27	0 58	3 55	1 29	1 37	0 5	10 12	1 8	20 46	1 54	1 9	0 40	6 9	2 1	33 26	10 41	23 50	23 50	24 22		n.a.
S 10	14 15	21 26	1 29	9 21	0 47	4 24	1 28	1 37	0 8	10 10	1 8	20 45	1 54	1 8	0 40	6 10	2 1	33 26	10 42	23 50	23 50	24 22		n.a.
S 11	14 34	17 58	2 39	10 16	0 36	4 54	1 27	1 36	0 11	10 7	1 7	20 44	1 54	1 7	0 40	6 10	2 1	33 27	10 42	23 50	23 50	24 22		n.a.
M12	14 52	13 34	3 37	11 11	0 25	5 24	1 25	1 36	0 14	10 5	1 7	20 44	1 54	1 6	0 40	6 10	2 1	33 27	10 42	23 50	23 50	24 21		n.a.
T 13	15 11	8 35	4 23	12 6	0 14	5 53	1 24	1 36	0 17	10 2	1 7	20 43	1 54	1 5	0 40	6 11	2 1	33 27	10 43	23 50	23 50	24 21		n.a.
W14	15 29	3 18	4 53	13 0	0 3	6 22	1 22	1 37	0 20	10 0	1 7	20 42	1 54	1 3	0 40	6 11	2 1	33 28	10 43	23 50	23 50	24 20		n.a.
T 15	15 47	2n 1	5 7	13 54	0n 8	6 51	1 21	1 37	0 23	9 57	1 7	20 41	1 54	1 2	0 40	6 11	2 1	33 28	10 43	23 50	23 50	24 20		n.a.
F 16	16 4	7 10	5 6	14 47	0 18	7 21	1 19	1 38	0 26	9 55	1 7	20 41	1 53	1 1	0 40	6 12	2 1	33 29	10 44	23 50	23 50	24 20		n.a.
S 17	16 22	11 56	4 49	15 38	0 28	7 49	1 18	1 40	0 29	9 53	1 6	20 40	1 53	1 0	0 40	6 12	2 1	33 29	10 44	23 49	23 50	24 19		n.a.
S 18	16 39	16 8	4 19	16 29	0 38	8 18	1 16	1 41	0 32	9 50	1 6	20 39	1 53	0 59	0 40	6 12	2 1	33 29	10 44	23 49	23 50	24 19		n.a.
M19	16 56	19 35	3 38	17 18	0 48	8 47	1 14	1 43	0 34	9 48	1 6	20 38	1 53	0 58	0 40	6 12	2 1	33 30	10 44	23 49	23 50	24 18		n.a.
T 20	17 12	22 9	2 47	18 5	0 57	9 15	1 12	1 46	0 37	9 46	1 6	20 37	1 53	0 57	0 40	6 13	2 1	33 30	10 45	23 49	23 50	24 18		n.a.
W21	17 29	23 43	1 49	18 51	1 5	9 43	1 11	1 48	0 40	9 43	1 6	20 36	1 53	0 56	0 40	6 13	2 1	33 30	10 45	23 49	23 50	24 17		n.a.
T 22	17 45	24 11	0 47	19 34	1 13	10 11	1 9	1 51	0 42	9 41	1 5	20 35	1 53	0 55	0 40	6 13	2 1	33 31	10 45	23 49	23 50	24 17		n.a.
F 23	18 0	23 33	0s17	20 15	1 21	10 39	1 7	1 54	0 45	9 39	1 5	20 34	1 53	0 54	0 40	6 13	2 0	33 31	10 46	23 49	23 50	24 17		n.a.
S 24	18 16	21 52	1 20	20 53	1 27	11 7	1 5	1 58	0 48	9 37	1 5	20 34	1 52	0 53	0 40	6 13	2 0	33 31	10 46	23 49	23 50	24 16		n.a.
S 25	18 31	19 14	2 21	21 29	1 33	11 34	1 3	2 1	0 50	9 35	1 5	20 33	1 52	0 52	0 40	6 13	2 0	33 32	10 46	23 49	23 50	24 16		n.a.
M26	18 46	15 45	3 16	22 3	1 39	12 1	1 1	2 5	0 53	9 32	1 5	20 31	1 52	0 51	0 40	6 14	2 0	33 32	10 46	23 49	23 50	24 15		n.a.
T 27	19 0	11 33	4 3	22 34	1 44	12 28	0 59	2 10	0 55	9 30	1 4	20 30	1 52	0 50	0 40	6 14	2 0	33 33	10 47	23 49	23 50	24 15		n.a.
W28	19 15	6 47	4 40	23 2	1 48	12 55	0 57	2 14	0 57	9 28	1 4	20 29	1 52	0 49	0 40	6 14	2 0	33 33	10 47	23 49	23 50	24 14		n.a.
T 29	19 29	1 35	5 4	23 28	1 51	13 21	0 55	2 19	1 0	9 27	1 4	20 28	1 52	0 49	0 40	6 14	2 0	33 33	10 47	23 49	23 50	24 14		n.a.
F 30	19 42	3s51	5 13	23 51	1 53	13 47	0 53	2 24	1 2	9 25	1 4	20 27	1 52	0 48	0 40	6 14	2 0	33 34	10 48	23 49	23 50	24 13		n.a.
S 31	19n56	9s17	5s 5	24n12	1n55	14n13	0s50	2s30	1s 4	9s23	1n 3	20n26	1n52	0s47	0s40	6n14	2n 0	33s34	10s48	23s49	23s50	24n13		n.a.

Julian Day Number = 1293105.5, Delta T = 07h57m21s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'42, Lahiri = -20°08'42 Julian Calendar 1 May 1173 BCE == Greg. Calendar 20 Apr. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

JUNE 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 14	28♉27'57	25♎47	11♊48	11♉ 3	3♎54	26°R21	7♌48	29♓38	19°R 3	15°R59	27°R51	29♐ 7	22♊42	n.a.	S 1
M 2	15 59 11	29°25'02	10♏27	13°41	12°16	4° 4	26♎15	7°52	29°40	19♍ 2	15♑58	27♐47	29° 4	22°49	n.a.	M 2
T 3	16 3 7	0♊22'06	25°24	15°33	13°29	4°14	26°10	7°56	29°42	19° 2	15°58	27°44	29° 1	22°56	n.a.	T 3
W 4	16 7 4	1°19'12	10♐30	17°23	14°43	4°25	26° 5	8° 0	29°44	19° 2	15°57	27°42	28°58	23° 2	n.a.	W 4
T 5	16 11 1	2°16'17	25°37	19°11	15°56	4°37	26° 0	8° 4	29°46	19° 2	15°56	27°D41	28°55	23° 9	n.a.	T 5
F 6	16 14 57	3°13'24	10♑34	20°57	17° 9	4°50	25°55	8° 9	29°48	19° 1	15°55	27°42	28°52	23°16	n.a.	F 6
S 7	16 18 54	4°10'31	25°16	22°41	18°22	5° 3	25°51	8°13	29°50	19° 1	15°54	27°43	28°48	23°22	n.a.	S 7
S 8	16 22 50	5° 7'39	9♒37	24°24	19°35	5°17	25°46	8°18	29°51	19° 1	15°53	27°44	28°45	23°29	n.a.	S 8
M 9	16 26 47	6° 4'47	23°35	26° 4	20°49	5°31	25°42	8°22	29°53	19° 1	15°52	27°45	28°42	23°36	n.a.	M 9
T 10	16 30 43	7° 1'57	7♓10	27°43	22° 2	5°46	25°38	8°27	29°55	19° 1	15°51	27°R46	28°39	23°42	n.a.	T 10
W11	16 34 40	7°59'07	20°24	29°19	23°15	6° 2	25°34	8°31	29°57	19°D 1	15°50	27°45	28°36	23°49	n.a.	W11
T 12	16 38 37	8°56'18	3♈17	0♋54	24°29	6°18	25°30	8°36	29°59	19° 1	15°49	27°44	28°33	23°55	n.a.	T 12
F 13	16 42 33	9°53'31	15°54	2°27	25°42	6°36	25°26	8°41	0♈ 0	19° 1	15°48	27°42	28°29	24° 2	n.a.	F 13
S 14	16 46 30	10°50'44	28°16	3°58	26°56	6°53	25°23	8°46	0° 2	19° 1	15°47	27°40	28°26	24° 9	n.a.	S 14
S 15	16 50 26	11°47'58	10♉27	5°27	28° 9	7°11	25°19	8°51	0° 3	19° 1	15°46	27°37	28°23	24°15	n.a.	S 15
M16	16 54 23	12°45'13	22°28	6°54	29°22	7°30	25°16	8°56	0° 5	19° 1	15°45	27°35	28°20	24°22	n.a.	M16
T 17	16 58 19	13°42'30	4♊22	8°19	0♊36	7°50	25°13	9° 1	0° 6	19° 2	15°44	27°33	28°17	24°29	n.a.	T 17
W18	17 2 16	14°39'47	16°12	9°42	1°50	8° 9	25°11	9° 6	0° 8	19° 2	15°43	27°32	28°13	24°35	n.a.	W18
T 19	17 6 12	15°37'05	27°59	11° 4	3° 3	8°30	25° 8	9°12	0° 9	19° 2	15°42	27°D32	28°10	24°42	n.a.	T 19
F 20	17 10 9	16°34'24	9♋46	12°23	4°17	8°51	25° 5	9°17	0°11	19° 2	15°41	27°32	28° 7	24°49	n.a.	F 20
S 21	17 14 6	17°31'44	21°35	13°39	5°30	9°13	25° 3	9°22	0°12	19° 3	15°40	27°33	28° 4	24°55	n.a.	S 21
S 22	17 18 2	18°29'04	3♌30	14°54	6°44	9°35	25° 1	9°28	0°13	19° 3	15°39	27°34	28° 1	25° 2	n.a.	S 22
M23	17 21 59	19°26'26	15°33	16° 7	7°58	9°57	24°59	9°33	0°14	19° 3	15°38	27°35	27°58	25° 9	n.a.	M23
T 24	17 25 55	20°23'48	27°49	17°17	9°11	10°20	24°57	9°39	0°16	19° 4	15°37	27°35	27°54	25°15	n.a.	T 24
W25	17 29 52	21°21'11	10♍21	18°25	10°25	10°44	24°56	9°44	0°17	19° 4	15°35	27°36	27°51	25°22	n.a.	W25
T 26	17 33 48	22°18'35	23°13	19°30	11°39	11° 8	24°55	9°50	0°18	19° 5	15°34	27°R36	27°48	25°28	n.a.	T 26
F 27	17 37 45	23°16'00	6♎28	20°33	12°53	11°32	24°53	9°56	0°19	19° 5	15°33	27°36	27°45	25°35	n.a.	F 27
S 28	17 41 41	24°13'25	20° 9	21°33	14° 7	11°57	24°52	10° 2	0°20	19° 6	15°32	27°36	27°42	25°42	n.a.	S 28
S 29	17 45 38	25°10'52	4♏17	22°30	15°20	12°23	24°52	10° 8	0°21	19° 6	15°31	27°35	27°39	25°48	n.a.	S 29
M30	17 49 35	26♊ 8'20	18♏49	23♋24	16♊34	12♎49	24♎51	10♌13	0♈21	19♍ 7	15♑29	27♐35	27♐35	25♊55	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 9	14s25	4s37	24n30	1n57	14n38	0s48	2s35	1s 6	9s21	1n 3	20n25	1n52	0s46	0s40	6n14	2n 0	33s34	10s48	23s49	23s50	24n12		n.a.
M 2	20 21	18 51	3 51	24 46	1 57	15 3	0 46	2 41	1 9	9 19	1 3	20 24	1 51	0 45	0 40	6 14	2 0	33 35	10 48	23 49	23 50	24 12		n.a.
T 3	20 34	22 9	2 48	24 59	1 57	15 27	0 44	2 47	1 11	9 18	1 3	20 23	1 51	0 44	0 40	6 14	2 0	33 35	10 49	23 49	23 50	24 11		n.a.
W 4	20 46	23 56	1 33	25 10	1 57	15 52	0 41	2 54	1 13	9 16	1 2	20 21	1 51	0 44	0 40	6 14	2 0	33 35	10 49	23 49	23 50	24 11		n.a.
T 5	20 57	23 57	0 11	25 18	1 55	16 15	0 39	3 0	1 15	9 14	1 2	20 20	1 51	0 43	0 40	6 14	2 0	33 36	10 49	23 49	23 50	24 10		n.a.
F 6	21 9	22 14	1n10	25 24	1 54	16 39	0 37	3 7	1 17	9 13	1 2	20 19	1 51	0 42	0 40	6 15	2 0	33 36	10 49	23 49	23 50	24 10		n.a.
S 7	21 20	19 2	2 26	25 29	1 51	17 2	0 34	3 14	1 19	9 11	1 2	20 18	1 51	0 41	0 40	6 15	2 0	33 36	10 50	23 49	23 50	24 9		n.a.
S 8	21 30	14 45	3 31	25 31	1 48	17 25	0 32	3 21	1 20	9 10	1 1	20 16	1 51	0 40	0 40	6 15	2 0	33 37	10 50	23 49	23 50	24 9		n.a.
M 9	21 41	9 46	4 21	25 31	1 45	17 47	0 29	3 29	1 22	9 9	1 1	20 15	1 51	0 40	0 41	6 14	1 59	33 37	10 50	23 49	23 50	24 8		n.a.
T 10	21 51	4 27	4 56	25 29	1 41	18 8	0 27	3 37	1 24	9 7	1 1	20 14	1 51	0 39	0 41	6 14	1 59	33 38	10 50	23 49	23 50	24 8		n.a.
W11	22 0	0n55	5 13	25 26	1 36	18 30	0 25	3 45	1 26	9 6	1 1	20 12	1 50	0 38	0 41	6 14	1 59	33 38	10 50	23 49	23 50	24 7		n.a.
T 12	22 9	6 7	5 14	25 21	1 31	18 51	0 22	3 53	1 27	9 5	1 0	20 11	1 50	0 38	0 41	6 14	1 59	33 38	10 51	23 49	23 50	24 6		n.a.
F 13	22 18	10 57	5 0	25 14	1 25	19 11	0 20	4 1	1 29	9 4	1 0	20 9	1 50	0 37	0 41	6 14	1 59	33 39	10 51	23 49	23 50	24 6		n.a.
S 14	22 26	15 15	4 32	25 6	1 19	19 31	0 17	4 10	1 31	9 3	1 0	20 8	1 50	0 36	0 41	6 14	1 59	33 39	10 51	23 49	23 49	24 5		n.a.
S 15	22 34	18 52	3 52	24 56	1 13	19 50	0 15	4 18	1 32	9 2	1 0	20 7	1 50	0 36	0 41	6 14	1 59	33 39	10 51	23 49	23 49	24 5		n.a.
M16	22 42	21 37	3 2	24 45	1 6	20 9	0 12	4 27	1 34	9 1	0 59	20 5	1 50	0 35	0 41	6 14	1 59	33 40	10 52	23 49	23 49	24 4		n.a.
T 17	22 49	23 25	2 5	24 33	0 59	20 27	0 10	4 37	1 35	9 0	0 59	20 4	1 50	0 35	0 41	6 14	1 59	33 40	10 52	23 49	23 49	24 3		n.a.
W18	22 56	24 8	1 2	24 19	0 51	20 45	0 8	4 46	1 37	8 59	0 59	20 2	1 50	0 34	0 41	6 14	1 59	33 40	10 52	23 49	23 49	24 3		n.a.
T 19	23 3	23 47	0s 3	24 5	0 43	21 2	0 5	4 56	1 38	8 59	0 59	20 1	1 50	0 34	0 41	6 14	1 59	33 41	10 52	23 49	23 49	24 2		n.a.
F 20	23 9	22 21	1 7	23 49	0 35	21 18	0 3	5 5	1 40	8 58	0 58	19 59	1 50	0 33	0 41	6 13	1 59	33 41	10 52	23 49	23 49	24 2		n.a.
S 21	23 14	19 56	2 10	23 33	0 26	21 34	0 0	5 15	1 41	8 57	0 58	19 58	1 50	0 33	0 41	6 13	1 59	33 41	10 53	23 49	23 49	24 1		n.a.
S 22	23 19	16 40	3 7	23 16	0 17	21 50	0n 2	5 25	1 42	8 57	0 58	19 56	1 49	0 32	0 41	6 13	1 59	33 42	10 53	23 49	23 49	24 0		n.a.
M23	23 24	12 41	3 56	22 58	0 7	22 4	0 5	5 35	1 44	8 56	0 57	19 54	1 49	0 32	0 41	6 13	1 59	33 42	10 53	23 49	23 49	24 0		n.a.
T 24	23 29	8 7	4 36	22 39	0s 2	22 19	0 7	5 46	1 45	8 56	0 57	19 53	1 49	0 31	0 41	6 13	1 59	33 42	10 53	23 49	23 49	23 59		n.a.
W25	23 33	3 8	5 4	22 20	0 13	22 32	0 9	5 56	1 46	8 56	0 57	19 51	1 49	0 31	0 41	6 12	1 58	33 43	10 53	23 49	23 49	23 59		n.a.
T 26	23 36	2s 6	5 17	22 1	0 23	22 45	0 12	6 7	1 47	8 55	0 57	19 50	1 49	0 30	0 41	6 12	1 58	33 43	10 53	23 49	23 49	23 58		n.a.
F 27	23 40	7 24	5 14	21 41	0 34	22 57	0 14	6 18	1 49	8 55	0 56	19 48	1 49	0 30	0 41	6 12	1 58	33 43	10 54	23 49	23 49	23 57		n.a.
S 28	23 42	12 31	4 54	21 21	0 44	23 9	0 17	6 29	1 50	8 55	0 56	19 46	1 49	0 30	0 41	6 12	1 58	33 44	10 54	23 49	23 49	23 57		n.a.
S 29	23 45	17 9	4 15	21 0	0 56	23 20	0 19	6 40	1 51	8 55	0 56	19 45	1 49	0 29	0 41	6 11	1 58	33 44	10 54	23 49	23 49	23 56		n.a.
M30	23n47	20s54	3s19	20n40	1s 7	23n30	0n21	6s51	1s52	8s55	0n56	19n43	1n49	0s29	0s41	6n11	1n58	33s44	10s54	23s49	23s49	23n55		n.a.

Julian Day Number = 1293136.5, Delta T = 07h57m19s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'38, Lahiri = -20°08'38 Julian Calendar 1 June 1173 BCE == Greg. Calendar 21 May 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

JULY 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 31	27♊ 5'48	3♐42	24♋15	17♊48	13♎15	24°R51	10♌19	0♈22	19♍ 7	15°R28	27°D35	27♐32	26♊ 2	n.a.	T 1
W 2	17 57 28	28° 3'18	18°50	25° 3	19° 2	13°42	24♎50	10°25	0°23	19° 8	15♑27	27♐35	27°29	26° 8	n.a.	W 2
T 3	18 1 24	29° 0'50	4♑ 2	25°48	20°16	14° 9	24°D50	10°32	0°24	19° 9	15°26	27°R35	27°26	26°15	n.a.	T 3
F 4	18 5 21	29°58'22	19°10	26°29	21°30	14°36	24°51	10°38	0°25	19° 9	15°24	27°35	27°23	26°22	n.a.	F 4
S 5	18 9 17	0♋55'57	4♒ 6	27° 6	22°44	15° 4	24°51	10°44	0°25	19°10	15°23	27°35	27°19	26°28	n.a.	S 5
S 6	18 13 14	1°53'32	18°40	27°39	23°58	15°32	24°51	10°50	0°26	19°11	15°22	27°34	27°16	26°35	n.a.	S 6
M 7	18 17 11	2°51'09	2♓50	28° 8	25°12	16° 1	24°52	10°56	0°26	19°12	15°21	27°34	27°13	26°42	n.a.	M 7
T 8	18 21 7	3°48'48	16°33	28°32	26°26	16°30	24°53	11° 3	0°27	19°13	15°19	27°33	27°10	26°48	n.a.	T 8
W 9	18 25 4	4°46'29	29°50	28°52	27°40	16°59	24°54	11° 9	0°27	19°13	15°18	27°D33	27° 7	26°55	n.a.	W 9
T 10	18 29 0	5°44'11	12♈42	29° 7	28°55	17°29	24°55	11°15	0°28	19°14	15°17	27°33	27° 4	27° 2	n.a.	T 10
F 11	18 32 57	6°41'56	25°14	29°17	0♋ 9	17°59	24°57	11°22	0°28	19°15	15°16	27°34	27° 0	27° 8	n.a.	F 11
S 12	18 36 53	7°39'42	7♉30	29°R22	1°23	18°30	24°58	11°28	0°28	19°16	15°14	27°34	26°57	27°15	n.a.	S 12
S 13	18 40 50	8°37'30	19°32	29°21	2°37	19° 0	25° 0	11°35	0°28	19°17	15°13	27°35	26°54	27°21	n.a.	S 13
M14	18 44 46	9°35'20	1♊26	29°14	3°51	19°31	25° 2	11°41	0°29	19°18	15°12	27°36	26°51	27°28	n.a.	M14
T 15	18 48 43	10°33'12	13°15	29° 2	5° 6	20° 3	25° 4	11°48	0°29	19°19	15°10	27°37	26°48	27°35	n.a.	T 15
W16	18 52 40	11°31'05	25° 2	28°44	6°20	20°34	25° 7	11°55	0°29	19°20	15° 9	27°R38	26°45	27°41	n.a.	W16
T 17	18 56 36	12°29'00	6♋49	28°20	7°34	21° 7	25° 9	12° 1	0°R29	19°21	15° 8	27°38	26°41	27°48	n.a.	T 17
F 18	19 0 33	13°26'57	18°40	27°50	8°49	21°39	25°12	12° 8	0°29	19°23	15° 6	27°37	26°38	27°55	n.a.	F 18
S 19	19 4 29	14°24'56	0♌36	27°14	10° 3	22°11	25°15	12°15	0°29	19°24	15° 5	27°35	26°35	28° 1	n.a.	S 19
S 20	19 8 26	15°22'56	12°39	26°34	11°18	22°44	25°18	12°21	0°29	19°25	15° 4	27°32	26°32	28° 8	n.a.	S 20
M21	19 12 22	16°20'58	24°52	25°48	12°32	23°18	25°21	12°28	0°29	19°26	15° 3	27°30	26°29	28°15	n.a.	M21
T 22	19 16 19	17°19'02	7♍15	24°59	13°47	23°51	25°24	12°35	0°28	19°27	15° 1	27°27	26°25	28°21	n.a.	T 22
W23	19 20 15	18°17'07	19°53	24° 6	15° 1	24°25	25°28	12°42	0°28	19°29	15° 0	27°24	26°22	28°28	n.a.	W23
T 24	19 24 12	19°15'13	2♎47	23°10	16°16	24°59	25°32	12°49	0°28	19°30	14°59	27°22	26°19	28°35	n.a.	T 24
F 25	19 28 8	20°13'22	16° 0	22°13	17°30	25°33	25°36	12°56	0°27	19°31	14°57	27°D21	26°16	28°41	n.a.	F 25
S 26	19 32 5	21°11'32	29°33	21°16	18°45	26° 8	25°40	13° 3	0°27	19°33	14°56	27°22	26°13	28°48	n.a.	S 26
S 27	19 36 2	22° 9'43	13♏28	20°19	19°59	26°43	25°44	13°10	0°27	19°34	14°55	27°23	26°10	28°55	n.a.	S 27
M28	19 39 58	23° 7'56	27°45	19°25	21°14	27°18	25°48	13°17	0°26	19°35	14°53	27°24	26° 6	29° 1	n.a.	M28
T 29	19 43 55	24° 6'11	12♐23	18°34	22°29	27°53	25°53	13°24	0°25	19°37	14°52	27°25	26° 3	29° 8	n.a.	T 29
W30	19 47 51	25° 4'28	27°16	17°48	23°43	28°29	25°58	13°31	0°25	19°38	14°51	27°R26	26° 0	29°14	n.a.	W30
T 31	19 51 48	26♋ 2'46	12♑19	17♋ 8	24♋58	29♎ 5	26♎ 3	13♌38	0♈24	19♍40	14♑50	27♐25	25♐57	29♊21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	23s21	2s 9	20n20	1s18	23n39	0n24	7s 3	1s53	8s55	0n55	19n41	1n49	0s29	0s41	6n11	1n58	33s44	10s54	23s49	23s49	23n55			n.a.
W 2	23 49	24 10	0 49	20 0	1 30	23 48	0 26	7 14	1 54	8 55	0 55	19 39	1 49	0 28	0 41	6 10	1 58	33 45	10 54	23 49	23 49	23 54			n.a.
T 3	23 50	23 10	0n36	19 40	1 42	23 56	0 28	7 26	1 55	8 56	0 55	19 38	1 49	0 28	0 41	6 10	1 58	33 45	10 54	23 49	23 49	23 53			n.a.
F 4	23 50	20 30	1 57	19 21	1 54	24 4	0 30	7 37	1 56	8 56	0 54	19 36	1 49	0 28	0 41	6 10	1 58	33 45	10 55	23 49	23 48	23 52			n.a.
S 5	23 50	16 29	3 9	19 2	2 6	24 10	0 33	7 49	1 57	8 56	0 54	19 34	1 49	0 28	0 41	6 9	1 58	33 46	10 55	23 49	23 48	23 52			n.a.
S 6	23 49	11 33	4 8	18 43	2 18	24 16	0 35	8 1	1 58	8 57	0 54	19 32	1 49	0 27	0 41	6 9	1 58	33 46	10 55	23 49	23 48	23 51			n.a.
M 7	23 48	6 9	4 49	18 26	2 30	24 22	0 37	8 13	1 59	8 57	0 54	19 31	1 49	0 27	0 41	6 9	1 58	33 46	10 55	23 49	23 48	23 50			n.a.
T 8	23 47	0 37	5 12	18 9	2 42	24 26	0 39	8 25	2 0	8 58	0 53	19 29	1 48	0 27	0 41	6 8	1 58	33 46	10 55	23 49	23 48	23 50			n.a.
W 9	23 45	4n46	5 17	17 54	2 53	24 30	0 41	8 38	2 0	8 58	0 53	19 27	1 48	0 27	0 41	6 8	1 58	33 47	10 55	23 49	23 48	23 49			n.a.
T 10	23 42	9 47	5 7	17 39	3 5	24 33	0 43	8 50	2 1	8 59	0 53	19 25	1 48	0 27	0 41	6 7	1 58	33 47	10 55	23 49	23 48	23 48			n.a.
F 11	23 40	14 16	4 42	17 26	3 16	24 35	0 45	9 2	2 2	9 0	0 52	19 23	1 48	0 27	0 41	6 7	1 58	33 47	10 55	23 49	23 48	23 47			n.a.
S 12	23 36	18 4	4 4	17 15	3 27	24 37	0 47	9 15	2 3	9 1	0 52	19 21	1 48	0 27	0 41	6 7	1 57	33 47	10 55	23 49	23 48	23 47			n.a.
S 13	23 33	21 3	3 16	17 5	3 37	24 38	0 49	9 27	2 3	9 2	0 52	19 19	1 48	0 26	0 42	6 6	1 57	33 48	10 56	23 49	23 48	23 46			n.a.
M14	23 29	23 5	2 20	16 57	3 47	24 38	0 51	9 40	2 4	9 3	0 52	19 18	1 48	0 26	0 42	6 6	1 57	33 48	10 56	23 49	23 48	23 45			n.a.
T 15	23 24	24 4	1 19	16 50	3 56	24 37	0 53	9 53	2 5	9 4	0 51	19 16	1 48	0 26	0 42	6 5	1 57	33 48	10 56	23 49	23 48	23 44			n.a.
W16	23 19	23 59	0 14	16 46	4 4	24 35	0 55	10 6	2 5	9 5	0 51	19 14	1 48	0 26	0 42	6 5	1 57	33 48	10 56	23 49	23 48	23 44			n.a.
T 17	23 14	22 49	0s51	16 44	4 11	24 33	0 56	10 19	2 6	9 6	0 51	19 12	1 48	0 26	0 42	6 4	1 57	33 49	10 56	23 49	23 47	23 43			n.a.
F 18	23 8	20 38	1 54	16 44	4 17	24 30	0 58	10 31	2 7	9 7	0 51	19 10	1 48	0 26	0 42	6 4	1 57	33 49	10 56	23 49	23 47	23 42			n.a.
S 19	23 2	17 33	2 52	16 46	4 22	24 26	1 0	10 44	2 7	9 9	0 50	19 8	1 48	0 26	0 42	6 3	1 57	33 49	10 56	23 49	23 47	23 41			n.a.
S 20	22 56	13 43	3 44	16 51	4 25	24 22	1 2	10 57	2 8	9 10	0 50	19 6	1 48	0 27	0 42	6 3	1 57	33 49	10 56	23 49	23 47	23 41			n.a.
M21	22 49	9 17	4 26	16 58	4 27	24 17	1 3	11 11	2 8	9 12	0 50	19 4	1 48	0 27	0 42	6 2	1 57	33 50	10 56	23 49	23 47	23 40			n.a.
T 22	22 41	4 25	4 56	17 7	4 26	24 11	1 5	11 24	2 9	9 13	0 50	19 2	1 48	0 27	0 42	6 2	1 57	33 50	10 56	23 49	23 47	23 39			n.a.
W23	22 34	0s43	5 13	17 19	4 24	24 4	1 6	11 37	2 9	9 15	0 49	19 0	1 48	0 27	0 42	6 1	1 57	33 50	10 56	23 48	23 47	23 38			n.a.
T 24	22 26	5 55	5 14	17 32	4 20	23 57	1 8	11 50	2 10	9 16	0 49	18 58	1 48	0 27	0 42	6 1	1 57	33 50	10 56	23 48	23 47	23 37			n.a.
F 25	22 17	10 58	4 59	17 47	4 14	23 48	1 9	12 3	2 10	9 18	0 49	18 56	1 48	0 27	0 42	6 0	1 57	33 50	10 56	23 48	23 47	23 37			n.a.
S 26	22 8	15 39	4 27	18 4	4 6	23 39	1 10	12 16	2 11	9 20	0 48	18 54	1 48	0 27	0 42	5 59	1 57	33 51	10 56	23 48	23 47	23 36			n.a.
S 27	21 59	19 37	3 39	18 22	3 57	23 30	1 12	12 30	2 11	9 21	0 48	18 52	1 48	0 28	0 42	5 59	1 57	33 51	10 56	23 48	23 47	23 35			n.a.
M28	21 49	22 31	2 36	18 42	3 45	23 19	1 13	12 43	2 11	9 23	0 48	18 50	1 48	0 28	0 42	5 58	1 57	33 51	10 56	23 48	23 47	23 34			n.a.
T 29	21 39	24 0	1 22	19 2	3 32	23 8	1 14	12 56	2 12	9 25	0 48	18 48	1 48	0 28	0 42	5 58	1 57	33 51	10 56	23 48	23 46	23 33			n.a.
W30	21 28	23 49	0 1	19 23	3 17	22 57	1 15	13 10	2 12	9 27	0 47	18 46	1 48	0 28	0 42	5 57	1 56	33 51	10 56	23 49	23 46	23 32			n.a.
T 31	21n17	21s55	1n21	19n44	3s 1	22n44	1n16	13s23	2s12	9s29	0n47	18n44	1n48	0s29	0s42	5n56	1n56	33s51	10s56	23s48	23s46	23n32			n.a.

Julian Day Number = 1293166.5, Delta T = 07h57m18s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'34, Lahiri = -20°08'34 Julian Calendar 1 July 1173 BCE == Greg. Calendar 20 June 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

AUGUST 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 55 44	27♋ 1'07	27♑24	16°R34	26♋13	29♎41	26♎ 8	13♌45	0°R24	19♍41	14°R48	27°R23	25♐54	29♊28	n.a.	F 1
S 2	19 59 41	27°59'29	12♒20	16♋ 8	27°27	0♏17	26°13	13°52	0♈23	19°43	14♑47	27♐20	25°51	29°34	n.a.	S 2
S 3	20 3 37	28°57'53	27° 0	15°50	28°42	0°53	26°19	13°59	0°22	19°44	14°46	27°15	25°47	29°41	n.a.	S 3
M 4	20 7 34	29°56'19	11♓18	15°D41	29°57	1°30	26°24	14° 7	0°21	19°46	14°44	27°10	25°44	29°48	n.a.	M 4
T 5	20 11 31	0♌54'48	25° 8	15°41	1♌12	2° 7	26°30	14°14	0°20	19°48	14°43	27° 6	25°41	29°54	n.a.	T 5
W 6	20 15 27	1°53'19	8♈31	15°51	2°26	2°44	26°36	14°21	0°19	19°49	14°42	27° 2	25°38	0♋ 1	n.a.	W 6
T 7	20 19 24	2°51'52	21°27	16° 9	3°41	3°21	26°42	14°28	0°18	19°51	14°41	27° 0	25°35	0° 8	n.a.	T 7
F 8	20 23 20	3°50'28	4♉ 0	16°37	4°56	3°58	26°48	14°35	0°17	19°53	14°40	26°D59	25°31	0°14	n.a.	F 8
S 9	20 27 17	4°49'06	16°14	17°14	6°11	4°36	26°54	14°43	0°16	19°54	14°38	27° 0	25°28	0°21	n.a.	S 9
S 10	20 31 13	5°47'46	28°14	17°59	7°26	5°14	27° 1	14°50	0°15	19°56	14°37	27° 2	25°25	0°28	n.a.	S 10
M11	20 35 10	6°46'29	10♊ 6	18°52	8°41	5°52	27° 7	14°57	0°14	19°58	14°36	27° 3	25°22	0°34	n.a.	M11
T 12	20 39 6	7°45'14	21°52	19°53	9°56	6°30	27°14	15° 5	0°13	19°59	14°35	27°R 4	25°19	0°41	n.a.	T 12
W13	20 43 3	8°44'02	3♋39	21° 1	11°10	7° 9	27°21	15°12	0°11	20° 1	14°34	27° 4	25°16	0°48	n.a.	W13
T 14	20 47 0	9°42'51	15°30	22°15	12°25	7°47	27°28	15°19	0°10	20° 3	14°32	27° 2	25°12	0°54	n.a.	T 14
F 15	20 50 56	10°41'43	27°27	23°35	13°40	8°26	27°36	15°26	0° 9	20° 5	14°31	26°58	25° 9	1° 1	n.a.	F 15
S 16	20 54 53	11°40'38	9♌33	25° 0	14°55	9° 5	27°43	15°34	0° 7	20° 7	14°30	26°52	25° 6	1° 7	n.a.	S 16
S 17	20 58 49	12°39'34	21°50	26°30	16°10	9°44	27°50	15°41	0° 6	20° 9	14°29	26°45	25° 3	1°14	n.a.	S 17
M18	21 2 46	13°38'32	4♍18	28° 3	17°25	10°23	27°58	15°48	0° 5	20°10	14°28	26°36	25° 0	1°21	n.a.	M18
T 19	21 6 42	14°37'33	16°57	29°40	18°40	11° 3	28° 6	15°56	0° 3	20°12	14°27	26°28	24°56	1°27	n.a.	T 19
W20	21 10 39	15°36'35	29°50	1♌20	19°55	11°42	28°14	16° 3	0° 2	20°14	14°26	26°20	24°53	1°34	n.a.	W20
T 21	21 14 35	16°35'40	12♎54	3° 2	21°10	12°22	28°22	16°10	29♓59	20°16	14°25	26°13	24°50	1°41	n.a.	T 21
F 22	21 18 32	17°34'46	26°13	4°45	22°25	13° 2	28°30	16°18	29°58	20°18	14°24	26° 9	24°47	1°47	n.a.	F 22
S 23	21 22 28	18°33'54	9♏45	6°30	23°40	13°42	28°38	16°25	29°57	20°20	14°22	26° 7	24°44	1°54	n.a.	S 23
S 24	21 26 25	19°33'05	23°33	8°16	24°55	14°22	28°47	16°32	29°55	20°22	14°21	26°D 6	24°41	2° 1	n.a.	S 24
M25	21 30 22	20°32'17	7♐36	10° 3	26°11	15° 2	28°55	16°40	29°53	20°24	14°20	26° 7	24°37	2° 7	n.a.	M25
T 26	21 34 18	21°31'31	21°54	11°51	27°26	15°43	29° 4	16°47	29°51	20°26	14°19	26°R 8	24°34	2°14	n.a.	T 26
W27	21 38 15	22°30'47	6♑26	13°38	28°41	16°24	29°13	16°54	29°50	20°28	14°18	26° 8	24°31	2°21	n.a.	W27
T 28	21 42 11	23°30'05	21° 7	15°26	29°56	17° 4	29°22	17° 2	29°48	20°30	14°18	26° 5	24°28	2°27	n.a.	T 28
F 29	21 46 8	24°29'25	5♒53	17°13	1♍11	17°45	29°31	17° 9	29°46	20°32	14°17	26° 0	24°25	2°34	n.a.	F 29
S 30	21 50 4	25°28'47	20°35	19° 0	2°26	18°26	29°40	17°16	29°44	20°34	14°16	25°53	24°22	2°41	n.a.	S 30
S 31	21 54 1	26♌28'12	5♓ 6	20♌47	3♍41	19♏ 7	29♎49	17♌24	29♓42	20♍36	14♑15	25♐44	24♐18	2♋47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 6	18s28	2n37	20n 5	2s44	22n31	1n17	13s36	2s13	9s31	0n47	18n41	1n48	0s29	0s42	5n56	1n56	33s51	10s56	23s48	23s46	23n31		n.a.
S 2	20 54	13 50	3 42	20 26	2 26	22 17	1 18	13 50	2 13	9 34	0 47	18 39	1 48	0 29	0 42	5 55	1 56	33 52	10 56	23 48	23 46	23 30		n.a.
S 3	20 42	8 29	4 30	20 46	2 8	22 3	1 19	14 3	2 13	9 36	0 46	18 37	1 48	0 30	0 42	5 54	1 56	33 52	10 56	23 48	23 46	23 29		n.a.
M 4	20 30	2 49	5 1	21 5	1 49	21 48	1 20	14 16	2 13	9 38	0 46	18 35	1 48	0 30	0 42	5 54	1 56	33 52	10 56	23 48	23 46	23 28		n.a.
T 5	20 17	2n48	5 12	21 24	1 31	21 32	1 20	14 29	2 14	9 40	0 46	18 33	1 48	0 30	0 42	5 53	1 56	33 52	10 56	23 48	23 46	23 27		n.a.
W 6	20 4	8 6	5 6	21 41	1 12	21 15	1 21	14 43	2 14	9 43	0 46	18 31	1 48	0 31	0 42	5 52	1 56	33 52	10 56	23 48	23 46	23 26		n.a.
T 7	19 50	12 53	4 45	21 57	0 54	20 58	1 22	14 56	2 14	9 45	0 45	18 29	1 48	0 31	0 42	5 52	1 56	33 52	10 56	23 48	23 46	23 25		n.a.
F 8	19 37	16 58	4 10	22 10	0 37	20 41	1 22	15 9	2 14	9 48	0 45	18 27	1 48	0 32	0 42	5 51	1 56	33 52	10 56	23 48	23 45	23 25		n.a.
S 9	19 22	20 13	3 24	22 22	0 20	20 22	1 23	15 22	2 14	9 50	0 45	18 24	1 48	0 32	0 42	5 50	1 56	33 52	10 56	23 48	23 45	23 24		n.a.
S 10	19 8	22 32	2 31	22 32	0 4	20 3	1 23	15 35	2 15	9 53	0 45	18 22	1 48	0 33	0 42	5 49	1 56	33 53	10 56	23 48	23 45	23 23		n.a.
M11	18 53	23 50	1 31	22 40	0n11	19 44	1 24	15 48	2 15	9 56	0 45	18 20	1 48	0 33	0 42	5 49	1 56	33 53	10 56	23 48	23 45	23 22		n.a.
T 12	18 38	24 3	0 28	22 45	0 25	19 24	1 24	16 1	2 15	9 58	0 44	18 18	1 48	0 34	0 42	5 48	1 56	33 53	10 56	23 48	23 45	23 21		n.a.
W13	18 22	23 11	0s36	22 47	0 38	19 3	1 24	16 14	2 15	10 1	0 44	18 16	1 48	0 34	0 42	5 47	1 56	33 53	10 56	23 48	23 45	23 20		n.a.
T 14	18 7	21 17	1 38	22 47	0 50	18 42	1 24	16 27	2 15	10 4	0 44	18 14	1 48	0 35	0 42	5 46	1 56	33 53	10 56	23 48	23 45	23 19		n.a.
F 15	17 50	18 27	2 37	22 44	1 1	18 20	1 24	16 40	2 15	10 7	0 44	18 11	1 48	0 35	0 42	5 46	1 56	33 53	10 56	23 48	23 45	23 18		n.a.
S 16	17 34	14 47	3 29	22 38	1 11	17 58	1 24	16 53	2 15	10 10	0 43	18 9	1 48	0 36	0 42	5 45	1 56	33 53	10 56	23 48	23 44	23 17		n.a.
S 17	17 17	10 29	4 13	22 30	1 19	17 35	1 24	17 6	2 15	10 13	0 43	18 7	1 48	0 36	0 42	5 44	1 56	33 53	10 56	23 48	23 44	23 16		n.a.
M18	17 0	5 41	4 45	22 18	1 27	17 12	1 24	17 19	2 15	10 15	0 43	18 5	1 48	0 37	0 43	5 43	1 56	33 53	10 55	23 47	23 44	23 15		n.a.
T 19	16 43	0 35	5 3	22 4	1 33	16 49	1 24	17 31	2 15	10 19	0 43	18 3	1 48	0 38	0 43	5 43	1 56	33 53	10 55	23 47	23 44	23 14		n.a.
W20	16 25	4s36	5 7	21 48	1 39	16 24	1 24	17 44	2 15	10 22	0 42	18 1	1 49	0 38	0 43	5 42	1 56	33 53	10 55	23 47	23 44	23 13		n.a.
T 21	16 7	9 41	4 54	21 29	1 43	16 0	1 24	17 56	2 15	10 25	0 42	17 58	1 49	0 39	0 43	5 41	1 56	33 53	10 55	23 47	23 44	23 13		n.a.
F 22	15 49	14 24	4 26	21 7	1 47	15 35	1 23	18 9	2 15	10 28	0 42	17 56	1 49	0 40	0 43	5 40	1 56	33 53	10 55	23 47	23 44	23 12		n.a.
S 23	15 31	18 29	3 43	20 43	1 50	15 9	1 23	18 21	2 15	10 31	0 42	17 54	1 49	0 40	0 43	5 39	1 56	33 53	10 55	23 47	23 44	23 11		n.a.
S 24	15 12	21 38	2 46	20 17	1 51	14 43	1 23	18 33	2 15	10 34	0 42	17 52	1 49	0 41	0 43	5 39	1 56	33 53	10 55	23 47	23 43	23 10		n.a.
M25	14 53	23 33	1 38	19 49	1 52	14 17	1 22	18 45	2 15	10 38	0 41	17 50	1 49	0 42	0 43	5 38	1 56	33 53	10 55	23 47	23 43	23 9		n.a.
T 26	14 34	23 58	0 23	19 19	1 53	13 50	1 21	18 57	2 14	10 41	0 41	17 47	1 49	0 42	0 43	5 37	1 55	33 53	10 55	23 47	23 43	23 8		n.a.
W27	14 14	22 46	0n55	18 48	1 53	13 23	1 21	19 9	2 14	10 44	0 41	17 45	1 49	0 43	0 43	5 36	1 55	33 53	10 54	23 47	23 43	23 7		n.a.
T 28	13 54	20 0	2 10	18 15	1 52	12 56	1 20	19 21	2 14	10 48	0 41	17 43	1 49	0 44	0 43	5 35	1 55	33 53	10 54	23 46	23 43	23 6		n.a.
F 29	13 34	15 57	3 16	17 41	1 50	12 28	1 19	19 33	2 14	10 51	0 41	17 41	1 49	0 45	0 43	5 34	1 55	33 53	10 54	23 46	23 43	23 5		n.a.
S 30	13 14	10 56	4 9	17 5	1 48	12 0	1 18	19 44	2 14	10 55	0 40	17 39	1 49	0 46	0 43	5 33	1 55	33 53	10 54	23 46	23 43	23 4		n.a.
S 31	12n54	5s23	4n45	16n28	1n46	11n31	1n18	19s56	2s14	10s58	0n40	17n36	1n49	0s46	0s43	5n33	1n55	33s53	10s54	23s46	23s43	23n 3		n.a.

Julian Day Number = 1293197.5, Delta T = 07h57m16s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'30, Lahiri = -20°08'29 Julian Calendar 1 Aug. 1173 BCE == Greg. Calendar 21 July 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

SEPTEMBER 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 57 57	27♌27'38	19♓20	22♌34	4♍56	19♏48	29♎59	17♌31	29°R40	20♍38	14°R14	25°R34	24♐15	2♋54	n.a.	M 1
T 2	22 1 54	28°27'06	3♈11	24°20	6°11	20°30	0♏ 8	17°38	29♓38	20°41	14♑13	25♐24	24°12	3° 0	n.a.	T 2
W 3	22 5 50	29°26'37	16°36	26° 5	7°26	21°11	0°18	17°45	29°36	20°43	14°12	25°15	24° 9	3° 7	n.a.	W 3
T 4	22 9 47	0♍26'11	29°35	27°50	8°41	21°53	0°28	17°52	29°34	20°45	14°11	25° 9	24° 6	3°14	n.a.	T 4
F 5	22 13 44	1°25'47	12♉10	29°34	9°57	22°34	0°38	18° 0	29°32	20°47	14°10	25° 5	24° 2	3°20	n.a.	F 5
S 6	22 17 40	2°25'25	24°26	1♍18	11°12	23°16	0°48	18° 7	29°30	20°49	14°10	25° 3	23°59	3°27	n.a.	S 6
S 7	22 21 37	3°25'06	6♊27	3° 1	12°27	23°58	0°58	18°14	29°28	20°51	14° 9	25°D 2	23°56	3°34	n.a.	S 7
M 8	22 25 33	4°24'49	18°18	4°43	13°42	24°40	1° 8	18°21	29°26	20°53	14° 8	25° 3	23°53	3°40	n.a.	M 8
T 9	22 29 30	5°24'35	0♋ 5	6°25	14°57	25°22	1°18	18°28	29°23	20°56	14° 7	25°R 3	23°50	3°47	n.a.	T 9
W10	22 33 26	6°24'23	11°53	8° 6	16°12	26° 4	1°29	18°35	29°21	20°58	14° 7	25° 2	23°47	3°54	n.a.	W10
T 11	22 37 23	7°24'13	23°48	9°46	17°27	26°46	1°39	18°43	29°19	21° 0	14° 6	24°58	23°43	4° 0	n.a.	T 11
F 12	22 41 19	8°24'06	5♌52	11°25	18°43	27°29	1°50	18°50	29°17	21° 2	14° 5	24°52	23°40	4° 7	n.a.	F 12
S 13	22 45 16	9°24'01	18° 9	13° 5	19°58	28°11	2° 0	18°57	29°14	21° 4	14° 5	24°42	23°37	4°14	n.a.	S 13
S 14	22 49 13	10°23'58	0♍40	14°43	21°13	28°54	2°11	19° 4	29°12	21° 7	14° 4	24°31	23°34	4°20	n.a.	S 14
M15	22 53 9	11°23'57	13°27	16°21	22°28	29°36	2°22	19°11	29°10	21° 9	14° 3	24°18	23°31	4°27	n.a.	M15
T 16	22 57 6	12°23'58	26°27	17°58	23°43	0♐19	2°33	19°18	29° 7	21°11	14° 3	24° 5	23°28	4°34	n.a.	T 16
W17	23 1 2	13°24'01	9♎41	19°35	24°58	1° 2	2°44	19°24	29° 5	21°13	14° 2	23°52	23°24	4°40	n.a.	W17
T 18	23 4 59	14°24'06	23° 7	21°11	26°14	1°45	2°55	19°31	29° 3	21°15	14° 2	23°42	23°21	4°47	n.a.	T 18
F 19	23 8 55	15°24'13	6♏42	22°46	27°29	2°28	3° 6	19°38	29° 0	21°18	14° 1	23°35	23°18	4°53	n.a.	F 19
S 20	23 12 52	16°24'22	20°26	24°21	28°44	3°11	3°18	19°45	28°58	21°20	14° 1	23°30	23°15	5° 0	n.a.	S 20
S 21	23 16 48	17°24'32	4♐17	25°56	29°59	3°54	3°29	19°52	28°55	21°22	14° 0	23°28	23°12	5° 7	n.a.	S 21
M22	23 20 45	18°24'44	18°16	27°30	1♎14	4°37	3°41	19°59	28°53	21°24	14° 0	23°28	23° 8	5°13	n.a.	M22
T 23	23 24 41	19°24'58	2♑22	29° 4	2°29	5°21	3°52	20° 5	28°51	21°27	14° 0	23°28	23° 5	5°20	n.a.	T 23
W24	23 28 38	20°25'14	16°34	0♎37	3°44	6° 4	4° 4	20°12	28°48	21°29	13°59	23°27	23° 2	5°27	n.a.	W24
T 25	23 32 35	21°25'31	0♒51	2°10	5° 0	6°47	4°16	20°19	28°46	21°31	13°59	23°23	22°59	5°33	n.a.	T 25
F 26	23 36 31	22°25'50	15°11	3°42	6°15	7°31	4°27	20°25	28°43	21°33	13°58	23°17	22°56	5°40	n.a.	F 26
S 27	23 40 28	23°26'10	29°27	5°14	7°30	8°14	4°39	20°32	28°41	21°36	13°58	23° 7	22°53	5°47	n.a.	S 27
S 28	23 44 24	24°26'32	13♓36	6°45	8°45	8°58	4°51	20°38	28°38	21°38	13°58	22°56	22°49	5°53	n.a.	S 28
M29	23 48 21	25°26'56	27°32	8°16	10° 0	9°42	5° 3	20°45	28°36	21°40	13°58	22°43	22°46	6° 0	n.a.	M29
T 30	23 52 17	26♍27'22	11♈11	9♎47	11♎15	10♐25	5♏15	20♌51	28♓33	21♍42	13♑57	22♐30	22♐43	6♋ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n33	0n20	5n 2	15n50	1n43	11n 2	1n17	20s 7	2s13	11s 2	0n40	17n34	1n49	0s47	0s43	5n32	1n55	33s53	10s54	23s45	23s42	23n 2		n.a.
T 2	12 12	5 53	5 1	15 11	1 39	10 33	1 16	20 18	2 13	11 5	0 40	17 32	1 49	0 48	0 43	5 31	1 55	33 53	10 54	23 45	23 42	23 1		n.a.
W 3	11 51	10 58	4 44	14 31	1 36	10 4	1 14	20 29	2 13	11 9	0 40	17 30	1 50	0 49	0 43	5 30	1 55	33 53	10 53	23 45	23 42	23 0		n.a.
T 4	11 30	15 25	4 11	13 51	1 31	9 34	1 13	20 40	2 13	11 13	0 39	17 28	1 50	0 50	0 43	5 29	1 55	33 53	10 53	23 45	23 42	22 59		n.a.
F 5	11 9	19 2	3 28	13 10	1 27	9 5	1 12	20 51	2 12	11 16	0 39	17 26	1 50	0 51	0 43	5 28	1 55	33 53	10 53	23 44	23 42	22 57		n.a.
S 6	10 47	21 42	2 36	12 28	1 22	8 34	1 11	21 1	2 12	11 20	0 39	17 23	1 50	0 51	0 43	5 27	1 55	33 53	10 53	23 44	23 42	22 56		n.a.
S 7	10 25	23 21	1 38	11 46	1 17	8 4	1 10	21 12	2 12	11 24	0 39	17 21	1 50	0 52	0 43	5 27	1 55	33 53	10 53	23 44	23 42	22 55		n.a.
M 8	10 3	23 54	0 36	11 3	1 12	7 33	1 8	21 22	2 11	11 27	0 39	17 19	1 50	0 53	0 43	5 26	1 55	33 53	10 53	23 44	23 41	22 54		n.a.
T 9	9 41	23 23	0s27	10 20	1 7	7 3	1 7	21 32	2 11	11 31	0 38	17 17	1 50	0 54	0 43	5 25	1 55	33 53	10 53	23 44	23 41	22 53		n.a.
W10	9 18	21 49	1 28	9 37	1 1	6 32	1 5	21 42	2 11	11 35	0 38	17 15	1 50	0 55	0 43	5 24	1 55	33 53	10 52	23 44	23 41	22 52		n.a.
T 11	8 56	19 18	2 27	8 53	0 55	6 1	1 4	21 52	2 10	11 39	0 38	17 13	1 50	0 56	0 43	5 23	1 55	33 52	10 52	23 44	23 41	22 51		n.a.
F 12	8 33	15 54	3 19	8 9	0 49	5 29	1 2	22 2	2 10	11 43	0 38	17 10	1 50	0 57	0 43	5 22	1 55	33 52	10 52	23 44	23 41	22 50		n.a.
S 13	8 10	11 48	4 3	7 25	0 43	4 58	1 0	22 11	2 10	11 47	0 38	17 8	1 51	0 58	0 43	5 21	1 55	33 52	10 52	23 44	23 41	22 49		n.a.
S 14	7 47	7 8	4 36	6 41	0 37	4 26	0 59	22 21	2 9	11 51	0 37	17 6	1 51	0 59	0 43	5 20	1 55	33 52	10 52	23 43	23 40	22 48		n.a.
M15	7 24	2 5	4 55	5 57	0 31	3 54	0 57	22 30	2 9	11 55	0 37	17 4	1 51	1 0	0 43	5 19	1 55	33 52	10 51	23 43	23 40	22 47		n.a.
T 16	7 1	3s 9	5 0	5 12	0 24	3 23	0 55	22 39	2 9	11 59	0 37	17 2	1 51	1 1	0 43	5 19	1 55	33 52	10 51	23 42	23 40	22 46		n.a.
W17	6 38	8 19	4 50	4 28	0 18	2 51	0 53	22 48	2 8	12 3	0 37	17 0	1 51	1 2	0 43	5 18	1 55	33 52	10 51	23 41	23 40	22 45		n.a.
T 18	6 14	13 11	4 23	3 44	0 11	2 19	0 52	22 56	2 8	12 7	0 37	16 58	1 51	1 2	0 43	5 17	1 55	33 52	10 51	23 41	23 40	22 43		n.a.
F 19	5 51	17 26	3 40	2 59	0 5	1 47	0 50	23 5	2 7	12 11	0 37	16 56	1 51	1 3	0 43	5 16	1 55	33 52	10 51	23 41	23 40	22 42		n.a.
S 20	5 27	20 48	2 45	2 15	0s 2	1 14	0 48	23 13	2 7	12 15	0 36	16 54	1 51	1 4	0 43	5 15	1 55	33 51	10 50	23 40	23 40	22 41		n.a.
S 21	5 3	22 59	1 40	1 31	0 8	0 42	0 46	23 21	2 6	12 19	0 36	16 52	1 52	1 5	0 43	5 14	1 55	33 51	10 50	23 40	23 39	22 40		n.a.
M22	4 39	23 46	0 27	0 47	0 15	0 10	0 44	23 28	2 6	12 23	0 36	16 49	1 52	1 6	0 43	5 13	1 55	33 51	10 50	23 40	23 39	22 39		n.a.
T 23	4 15	23 2	0n47	0 3	0 22	0s22	0 42	23 36	2 5	12 27	0 36	16 47	1 52	1 7	0 43	5 12	1 55	33 51	10 50	23 40	23 39	22 38		n.a.
W24	3 51	20 49	1 59	0s41	0 28	0 55	0 39	23 43	2 5	12 31	0 36	16 45	1 52	1 8	0 43	5 11	1 55	33 51	10 50	23 40	23 39	22 37		n.a.
T 25	3 27	17 18	3 4	1 24	0 35	1 27	0 37	23 51	2 4	12 36	0 36	16 43	1 52	1 9	0 43	5 10	1 55	33 51	10 49	23 40	23 39	22 36		n.a.
F 26	3 3	12 47	3 57	2 8	0 42	1 59	0 35	23 58	2 4	12 40	0 35	16 41	1 52	1 10	0 43	5 10	1 55	33 50	10 49	23 40	23 39	22 34		n.a.
S 27	2 39	7 33	4 35	2 51	0 48	2 31	0 33	24 4	2 3	12 44	0 35	16 39	1 52	1 11	0 43	5 9	1 55	33 50	10 49	23 39	23 38	22 33		n.a.
S 28	2 15	2 0	4 56	3 33	0 55	3 3	0 31	24 11	2 3	12 48	0 35	16 37	1 53	1 12	0 43	5 8	1 55	33 50	10 49	23 39	23 38	22 32		n.a.
M29	1 50	3n34	4 59	4 16	1 1	3 35	0 28	24 17	2 2	12 52	0 35	16 35	1 53	1 13	0 43	5 7	1 55	33 50	10 49	23 38	23 38	22 31		n.a.
T 30	1n26	8n51	4n45	4s58	1s 7	4s 7	0n26	24s23	2s 2	12s57	0n35	16n34	1n53	1s14	0s43	5n 6	1n55	33s50	10s48	23s37	23s38	22n30		n.a.

Julian Day Number = 1293228.5, Delta T = 07h57m14s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'26, Lahiri = -20°08'25 Julian Calendar 1 Sept. 1173 BCE == Greg. Calendar 21 Aug. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

OCTOBER 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 56 14	27♍27'49	24♈29	11♎17	12♎30	11♐ 9	5♏28	20♌58	28°R31	21♍45	13°R57	22°R19	22♐40	6♋13	n.a.	W 1
T 2	0 0 10	28°28'18	7♉24	12°47	13°45	11°53	5°40	21° 4	28♓28	21°47	13♑57	22♐10	22°37	6°20	n.a.	T 2
F 3	0 4 7	29°28'50	19°59	14°16	15° 0	12°37	5°52	21°10	28°26	21°49	13°57	22° 4	22°33	6°27	n.a.	F 3
S 4	0 8 4	0♎29'23	2♊15	15°45	16°16	13°21	6° 4	21°16	28°23	21°51	13°57	22° 0	22°30	6°33	n.a.	S 4
S 5	0 12 0	1°29'59	14°17	17°13	17°31	14° 5	6°17	21°23	28°21	21°54	13°57	21°59	22°27	6°40	n.a.	S 5
M 6	0 15 57	2°30'36	26° 9	18°41	18°46	14°49	6°29	21°29	28°18	21°56	13°57	21°D59	22°24	6°46	n.a.	M 6
T 7	0 19 53	3°31'15	7♋56	20° 9	20° 1	15°33	6°42	21°35	28°16	21°58	13°56	21°R59	22°21	6°53	n.a.	T 7
W 8	0 23 50	4°31'57	19°46	21°35	21°16	16°17	6°55	21°41	28°13	22° 0	13°D56	21°58	22°18	7° 0	n.a.	W 8
T 9	0 27 46	5°32'39	1♌42	23° 2	22°31	17° 1	7° 7	21°47	28°11	22° 2	13°56	21°55	22°14	7° 6	n.a.	T 9
F 10	0 31 43	6°33'24	13°50	24°27	23°46	17°45	7°20	21°53	28° 8	22° 5	13°56	21°49	22°11	7°13	n.a.	F 10
S 11	0 35 39	7°34'11	26°13	25°52	25° 1	18°29	7°33	21°59	28° 6	22° 7	13°57	21°41	22° 8	7°20	n.a.	S 11
S 12	0 39 36	8°34'59	8♍55	27°16	26°16	19°13	7°46	22° 5	28° 4	22° 9	13°57	21°30	22° 5	7°26	n.a.	S 12
M13	0 43 32	9°35'49	21°57	28°40	27°31	19°58	7°58	22°10	28° 1	22°11	13°57	21°18	22° 2	7°33	n.a.	M13
T 14	0 47 29	10°36'40	5♎18	0♏ 2	28°46	20°42	8°11	22°16	27°59	22°13	13°57	21° 6	21°59	7°40	n.a.	T 14
W15	0 51 26	11°37'33	18°56	1°23	0♏ 1	21°27	8°24	22°22	27°56	22°16	13°57	20°54	21°55	7°46	n.a.	W15
T 16	0 55 22	12°38'27	2♏48	2°43	1°16	22°11	8°37	22°27	27°54	22°18	13°57	20°44	21°52	7°53	n.a.	T 16
F 17	0 59 19	13°39'22	16°49	4° 1	2°31	22°55	8°51	22°33	27°51	22°20	13°57	20°37	21°49	8° 0	n.a.	F 17
S 18	1 3 15	14°40'19	0♐56	5°18	3°46	23°40	9° 4	22°38	27°49	22°22	13°58	20°33	21°46	8° 6	n.a.	S 18
S 19	1 7 12	15°41'16	15° 5	6°33	5° 1	24°24	9°17	22°43	27°47	22°24	13°58	20°D31	21°43	8°13	n.a.	S 19
M20	1 11 8	16°42'15	29°14	7°45	6°16	25° 9	9°30	22°49	27°44	22°26	13°58	20°32	21°39	8°20	n.a.	M20
T 21	1 15 5	17°43'15	13♑21	8°55	7°31	25°53	9°43	22°54	27°42	22°28	13°59	20°R32	21°36	8°26	n.a.	T 21
W22	1 19 2	18°44'15	27°25	10° 3	8°46	26°38	9°57	22°59	27°40	22°30	13°59	20°32	21°33	8°33	n.a.	W22
T 23	1 22 58	19°45'17	11♒26	11° 7	10° 1	27°23	10°10	23° 4	27°38	22°32	13°59	20°30	21°30	8°40	n.a.	T 23
F 24	1 26 55	20°46'19	25°22	12° 7	11°16	28° 7	10°23	23° 9	27°35	22°34	14° 0	20°25	21°27	8°46	n.a.	F 24
S 25	1 30 51	21°47'21	9♓12	13° 4	12°31	28°52	10°37	23°14	27°33	22°36	14° 0	20°18	21°24	8°53	n.a.	S 25
S 26	1 34 48	22°48'25	22°53	13°55	13°46	29°36	10°50	23°19	27°31	22°38	14° 1	20° 9	21°20	9° 0	n.a.	S 26
M27	1 38 44	23°49'30	6♈23	14°41	15° 1	0♑21	11° 4	23°24	27°29	22°40	14° 1	19°59	21°17	9° 6	n.a.	M27
T 28	1 42 41	24°50'35	19°40	15°20	16°16	1° 6	11°17	23°28	27°27	22°42	14° 2	19°49	21°14	9°13	n.a.	T 28
W29	1 46 37	25°51'41	2♉40	15°53	17°30	1°50	11°31	23°33	27°25	22°44	14° 2	19°39	21°11	9°19	n.a.	W29
T 30	1 50 34	26°52'49	15°24	16°17	18°45	2°35	11°44	23°38	27°22	22°46	14° 3	19°32	21° 8	9°26	n.a.	T 30
F 31	1 54 31	27♎53'57	27♉51	16♏33	20♏ 0	3♑20	11♏58	23♌42	27♓20	22♍48	14♑ 3	19♐27	21♐ 4	9♋33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n 1	13n35	4n15	5s39	1s13	4s39	0n24	24s29	2s 1	13s 1	0n35	16n32	1n53	1s15	0s43	5n 5	1n55	33s50	10s48	23s36	23s38	22n29			n.a.
T 2	0 37	17 33	3 33	6 21	1 20	5 11	0 21	24 35	2 1	13 5	0 34	16 30	1 53	1 16	0 43	5 4	1 55	33 49	10 48	23 36	23 37	22 27			n.a.
F 3	0 13	20 36	2 41	7 2	1 26	5 43	0 19	24 40	2 0	13 9	0 34	16 28	1 53	1 17	0 43	5 3	1 55	33 49	10 48	23 36	23 37	22 26			n.a.
S 4	0s12	22 38	1 43	7 42	1 31	6 14	0 17	24 45	2 0	13 14	0 34	16 26	1 54	1 18	0 43	5 2	1 55	33 49	10 48	23 35	23 37	22 25			n.a.
S 5	0 36	23 34	0 41	8 22	1 37	6 46	0 14	24 50	1 59	13 18	0 34	16 24	1 54	1 19	0 43	5 2	1 55	33 49	10 47	23 35	23 37	22 24			n.a.
M 6	1 1	23 24	0s22	9 1	1 43	7 17	0 12	24 55	1 58	13 22	0 34	16 22	1 54	1 20	0 43	5 1	1 55	33 48	10 47	23 35	23 37	22 23			n.a.
T 7	1 25	22 12	1 24	9 40	1 48	7 48	0 9	24 59	1 58	13 27	0 34	16 20	1 54	1 21	0 43	5 0	1 55	33 48	10 47	23 35	23 37	22 22			n.a.
W 8	1 50	20 1	2 22	10 18	1 53	8 19	0 7	25 3	1 57	13 31	0 34	16 18	1 54	1 22	0 43	4 59	1 55	33 48	10 47	23 35	23 36	22 20			n.a.
T 9	2 14	16 57	3 14	10 55	1 58	8 50	0 4	25 7	1 57	13 35	0 33	16 17	1 54	1 23	0 43	4 58	1 55	33 48	10 46	23 35	23 36	22 19			n.a.
F 10	2 39	13 8	3 59	11 32	2 3	9 21	0 2	25 11	1 56	13 40	0 33	16 15	1 55	1 24	0 43	4 57	1 55	33 48	10 46	23 35	23 36	22 18			n.a.
S 11	3 3	8 42	4 33	12 7	2 7	9 51	0s 1	25 14	1 55	13 44	0 33	16 13	1 55	1 25	0 43	4 56	1 55	33 47	10 46	23 34	23 36	22 17			n.a.
S 12	3 27	3 49	4 55	12 42	2 11	10 21	0 3	25 18	1 55	13 48	0 33	16 11	1 55	1 26	0 43	4 55	1 55	33 47	10 46	23 33	23 36	22 15			n.a.
M13	3 52	1s22	5 2	13 16	2 15	10 51	0 6	25 20	1 54	13 53	0 33	16 10	1 55	1 27	0 43	4 55	1 55	33 47	10 45	23 33	23 35	22 14			n.a.
T 14	4 16	6 36	4 53	13 49	2 19	11 21	0 8	25 23	1 53	13 57	0 33	16 8	1 55	1 28	0 43	4 54	1 55	33 47	10 45	23 32	23 35	22 13			n.a.
W15	4 40	11 38	4 27	14 21	2 22	11 50	0 11	25 26	1 53	14 2	0 33	16 6	1 56	1 29	0 43	4 53	1 55	33 46	10 45	23 31	23 35	22 12			n.a.
T 16	5 4	16 9	3 45	14 52	2 24	12 19	0 13	25 28	1 52	14 6	0 32	16 5	1 56	1 30	0 43	4 52	1 55	33 46	10 45	23 30	23 35	22 10			n.a.
F 17	5 28	19 50	2 49	15 21	2 27	12 48	0 16	25 30	1 51	14 10	0 32	16 3	1 56	1 31	0 43	4 51	1 55	33 46	10 45	23 30	23 35	22 9			n.a.
S 18	5 52	22 21	1 42	15 50	2 28	13 16	0 19	25 31	1 51	14 15	0 32	16 1	1 56	1 32	0 43	4 50	1 55	33 46	10 44	23 29	23 34	22 8			n.a.
S 19	6 16	23 28	0 29	16 16	2 29	13 44	0 21	25 33	1 50	14 19	0 32	16 0	1 56	1 33	0 43	4 50	1 56	33 45	10 44	23 29	23 34	22 7			n.a.
M20	6 40	23 4	0n46	16 41	2 30	14 12	0 24	25 34	1 49	14 24	0 32	15 58	1 57	1 34	0 43	4 49	1 56	33 45	10 44	23 29	23 34	22 5			n.a.
T 21	7 4	21 11	1 59	17 4	2 30	14 39	0 26	25 35	1 48	14 28	0 32	15 57	1 57	1 35	0 43	4 48	1 56	33 45	10 44	23 29	23 34	22 4			n.a.
W22	7 27	18 1	3 4	17 26	2 29	15 7	0 29	25 35	1 48	14 32	0 32	15 55	1 57	1 36	0 43	4 47	1 56	33 45	10 43	23 29	23 34	22 3			n.a.
T 23	7 51	13 50	3 57	17 45	2 28	15 33	0 31	25 35	1 47	14 37	0 31	15 54	1 57	1 37	0 43	4 46	1 56	33 44	10 43	23 29	23 33	22 2			n.a.
F 24	8 14	8 56	4 37	18 2	2 26	15 59	0 34	25 36	1 46	14 41	0 31	15 52	1 57	1 37	0 43	4 46	1 56	33 44	10 43	23 29	23 33	22 0			n.a.
S 25	8 38	3 38	4 59	18 16	2 22	16 25	0 36	25 35	1 46	14 45	0 31	15 51	1 58	1 38	0 43	4 45	1 56	33 44	10 43	23 28	23 33	21 59			n.a.
S 26	9 1	1n47	5 4	18 28	2 18	16 51	0 39	25 35	1 45	14 50	0 31	15 49	1 58	1 39	0 43	4 44	1 56	33 44	10 43	23 28	23 33	21 58			n.a.
M27	9 24	7 2	4 53	18 37	2 13	17 16	0 41	25 34	1 44	14 54	0 31	15 48	1 58	1 40	0 43	4 43	1 56	33 43	10 42	23 27	23 33	21 56			n.a.
T 28	9 46	11 53	4 25	18 43	2 6	17 40	0 43	25 33	1 43	14 59	0 31	15 46	1 58	1 41	0 43	4 43	1 56	33 43	10 42	23 26	23 32	21 55			n.a.
W29	10 9	16 6	3 44	18 45	1 58	18 4	0 46	25 32	1 43	15 3	0 31	15 45	1 59	1 42	0 43	4 42	1 56	33 43	10 42	23 25	23 32	21 54			n.a.
T 30	10 32	19 28	2 52	18 44	1 49	18 28	0 48	25 30	1 42	15 7	0 31	15 44	1 59	1 43	0 43	4 41	1 56	33 42	10 42	23 25	23 32	21 53			n.a.
F 31	10s54	21n51	1n53	18s38	1s39	18s51	0s51	25s29	1s41	15s12	0n30	15n42	1n59	1s43	0s42	4n40	1n56	33s42	10s41	23s24	23s32	21n51			n.a.

Julian Day Number = 1293258.5, Delta T = 07h57m13s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'22, Lahiri = -20°08'21 Julian Calendar 1 Oct. 1173 BCE == Greg. Calendar 20 Sept. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

NOVEMBER 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 58 27	28♎55'06	10♊ 4	16°R40	21♏15	4♑ 5	12♏12	23♌46	27°R18	22♍50	14♑ 4	19°R25	21♐ 1	9♋39	n.a.	S 1
S 2	2 2 24	29°56'17	22° 4	16♏36	22°30	4°49	12°25	23°51	27♓16	22°52	14° 5	19°D24	20°58	9°46	n.a.	S 2
M 3	2 6 20	0♏57'28	3♋55	16°21	23°45	5°34	12°39	23°55	27°14	22°54	14° 5	19♐25	20°55	9°53	n.a.	M 3
T 4	2 10 17	1°58'40	15°43	15°54	24°59	6°19	12°53	23°59	27°12	22°56	14° 6	19°27	20°52	9°59	n.a.	T 4
W 5	2 14 13	2°59'53	27°32	15°16	26°14	7° 4	13° 6	24° 3	27°11	22°58	14° 7	19°R28	20°49	10° 6	n.a.	W 5
T 6	2 18 10	4° 1'07	9♌28	14°27	27°29	7°48	13°20	24° 7	27° 9	22°59	14° 7	19°28	20°45	10°13	n.a.	T 6
F 7	2 22 6	5° 2'22	21°35	13°28	28°44	8°33	13°34	24°11	27° 7	23° 1	14° 8	19°26	20°42	10°19	n.a.	F 7
S 8	2 26 3	6° 3'38	3♍59	12°19	29°58	9°18	13°48	24°15	27° 5	23° 3	14° 9	19°22	20°39	10°26	n.a.	S 8
S 9	2 30 0	7° 4'54	16°44	11° 3	1♐13	10° 3	14° 1	24°19	27° 3	23° 5	14°10	19°17	20°36	10°33	n.a.	S 9
M10	2 33 56	8° 6'11	29°52	9°43	2°28	10°47	14°15	24°22	27° 2	23° 6	14°11	19°10	20°33	10°39	n.a.	M10
T 11	2 37 53	9° 7'29	13♎23	8°20	3°42	11°32	14°29	24°26	27° 0	23° 8	14°11	19° 3	20°30	10°46	n.a.	T 11
W12	2 41 49	10° 8'47	27°18	6°59	4°57	12°17	14°43	24°29	26°58	23°10	14°12	18°56	20°26	10°53	n.a.	W12
T 13	2 45 46	11°10'06	11♏31	5°40	6°12	13° 2	14°57	24°32	26°57	23°12	14°13	18°51	20°23	10°59	n.a.	T 13
F 14	2 49 42	12°11'25	25°59	4°27	7°26	13°46	15°10	24°36	26°55	23°13	14°14	18°47	20°20	11° 6	n.a.	F 14
S 15	2 53 39	13°12'45	10♐34	3°23	8°41	14°31	15°24	24°39	26°54	23°15	14°15	18°45	20°17	11°13	n.a.	S 15
S 16	2 57 35	14°14'04	25°10	2°27	9°56	15°16	15°38	24°42	26°52	23°16	14°16	18°D45	20°14	11°19	n.a.	S 16
M17	3 1 32	15°15'23	9♑42	1°42	11°10	16° 1	15°52	24°45	26°51	23°18	14°17	18°46	20°10	11°26	n.a.	M17
T 18	3 5 29	16°16'43	24° 5	1° 7	12°25	16°45	16° 6	24°48	26°49	23°19	14°18	18°48	20° 7	11°33	n.a.	T 18
W19	3 9 25	17°18'02	8♒17	0°42	13°39	17°30	16°20	24°51	26°48	23°21	14°19	18°49	20° 4	11°39	n.a.	W19
T 20	3 13 22	18°19'20	22°16	0°29	14°54	18°15	16°34	24°53	26°47	23°22	14°20	18°R49	20° 1	11°46	n.a.	T 20
F 21	3 17 18	19°20'39	6♓ 1	0°D25	16° 8	19° 0	16°47	24°56	26°45	23°24	14°21	18°48	19°58	11°53	n.a.	F 21
S 22	3 21 15	20°21'57	19°33	0°30	17°23	19°44	17° 1	24°58	26°44	23°25	14°22	18°45	19°55	11°59	n.a.	S 22
S 23	3 25 11	21°23'15	2♈51	0°44	18°37	20°29	17°15	25° 1	26°43	23°27	14°23	18°42	19°51	12° 6	n.a.	S 23
M24	3 29 8	22°24'32	15°56	1° 6	19°52	21°14	17°29	25° 3	26°42	23°28	14°25	18°37	19°48	12°12	n.a.	M24
T 25	3 33 5	23°25'49	28°48	1°35	21° 6	21°58	17°43	25° 5	26°41	23°29	14°26	18°33	19°45	12°19	n.a.	T 25
W26	3 37 1	24°27'06	11♉26	2°10	22°20	22°43	17°57	25° 7	26°40	23°31	14°27	18°29	19°42	12°26	n.a.	W26
T 27	3 40 58	25°28'23	23°53	2°51	23°35	23°28	18°10	25° 9	26°39	23°32	14°28	18°26	19°39	12°32	n.a.	T 27
F 28	3 44 54	26°29'39	6♊ 8	3°37	24°49	24°12	18°24	25°11	26°38	23°33	14°29	18°24	19°36	12°39	n.a.	F 28
S 29	3 48 51	27°30'55	18°12	4°27	26° 3	24°57	18°38	25°13	26°37	23°35	14°31	18°D24	19°32	12°46	n.a.	S 29
S 30	3 52 47	28♏32'11	0♋ 8	5♏22	27♐17	25♑41	18♏52	25♌14	26♓36	23♍36	14♑32	18♐24	19♐29	12♋52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s16	23n 9	0n50	18s28	1s27	19s13	0s53	25s27	1s40	15s16	0n30	15n41	1n59	1s44	0s42	4n40	1n56	33s42	10s41	23s24	23s31	21n50		n.a.
S 2	11 38	23 21	0s14	18 14	1 13	19 35	0 55	25 24	1 40	15 20	0 30	15 40	1 59	1 45	0 42	4 39	1 56	33 42	10 41	23 24	23 31	21 49		n.a.
M 3	12 0	22 29	1 18	17 55	0 58	19 57	0 58	25 22	1 39	15 25	0 30	15 39	2 0	1 46	0 42	4 38	1 56	33 41	10 41	23 24	23 31	21 47		n.a.
T 4	12 21	20 37	2 18	17 32	0 41	20 18	1 0	25 19	1 38	15 29	0 30	15 38	2 0	1 46	0 42	4 37	1 56	33 41	10 41	23 24	23 31	21 46		n.a.
W 5	12 43	17 52	3 12	17 3	0 23	20 38	1 2	25 16	1 37	15 33	0 30	15 36	2 0	1 47	0 42	4 37	1 56	33 41	10 40	23 24	23 31	21 45		n.a.
T 6	13 4	14 21	3 58	16 31	0 4	20 58	1 4	25 12	1 37	15 38	0 30	15 35	2 0	1 48	0 42	4 36	1 56	33 40	10 40	23 24	23 30	21 43		n.a.
F 7	13 25	10 13	4 34	15 54	0n16	21 17	1 6	25 9	1 36	15 42	0 30	15 34	2 1	1 49	0 42	4 35	1 56	33 40	10 40	23 24	23 30	21 42		n.a.
S 8	13 46	5 34	4 59	15 13	0 36	21 36	1 8	25 5	1 35	15 46	0 30	15 33	2 1	1 49	0 42	4 35	1 56	33 40	10 40	23 24	23 30	21 41		n.a.
S 9	14 6	0 35	5 10	14 30	0 56	21 54	1 11	25 1	1 34	15 50	0 29	15 32	2 1	1 50	0 42	4 34	1 56	33 39	10 40	23 24	23 30	21 39		n.a.
M10	14 26	4s35	5 5	13 45	1 16	22 11	1 13	24 56	1 33	15 55	0 29	15 31	2 1	1 51	0 42	4 33	1 56	33 39	10 39	23 23	23 29	21 38		n.a.
T 11	14 46	9 42	4 43	13 1	1 35	22 28	1 15	24 52	1 33	15 59	0 29	15 30	2 2	1 51	0 42	4 33	1 56	33 39	10 39	23 22	23 29	21 36		n.a.
W12	15 6	14 27	4 4	12 17	1 53	22 44	1 16	24 47	1 32	16 3	0 29	15 29	2 2	1 52	0 42	4 32	1 56	33 39	10 39	23 22	23 29	21 35		n.a.
T 13	15 26	18 31	3 9	11 36	2 9	22 59	1 18	24 42	1 31	16 7	0 29	15 28	2 2	1 53	0 42	4 31	1 57	33 38	10 39	23 21	23 29	21 34		n.a.
F 14	15 45	21 32	2 1	10 59	2 23	23 14	1 20	24 36	1 30	16 12	0 29	15 27	2 2	1 53	0 42	4 31	1 57	33 38	10 39	23 21	23 28	21 32		n.a.
S 15	16 4	23 8	0 45	10 26	2 34	23 28	1 22	24 30	1 29	16 16	0 29	15 27	2 3	1 54	0 42	4 30	1 57	33 38	10 38	23 21	23 28	21 31		n.a.
S 16	16 22	23 10	0n35	9 58	2 43	23 41	1 24	24 25	1 29	16 20	0 29	15 26	2 3	1 54	0 42	4 30	1 57	33 37	10 38	23 21	23 28	21 30		n.a.
M17	16 41	21 37	1 52	9 36	2 51	23 54	1 25	24 18	1 28	16 24	0 29	15 25	2 3	1 55	0 42	4 29	1 57	33 37	10 38	23 21	23 28	21 28		n.a.
T 18	16 59	18 40	3 1	9 19	2 55	24 6	1 27	24 12	1 27	16 28	0 29	15 24	2 3	1 55	0 42	4 28	1 57	33 37	10 38	23 21	23 28	21 27		n.a.
W19	17 17	14 39	3 59	9 8	2 58	24 17	1 29	24 5	1 26	16 32	0 28	15 24	2 4	1 56	0 42	4 28	1 57	33 36	10 38	23 21	23 27	21 25		n.a.
T 20	17 34	9 54	4 41	9 2	3 0	24 27	1 30	23 58	1 25	16 37	0 28	15 23	2 4	1 56	0 42	4 27	1 57	33 36	10 37	23 21	23 27	21 24		n.a.
F 21	17 51	4 43	5 6	9 0	2 59	24 37	1 32	23 51	1 24	16 41	0 28	15 22	2 4	1 57	0 42	4 27	1 57	33 36	10 37	23 21	23 27	21 23		n.a.
S 22	18 8	0n35	5 13	9 4	2 58	24 46	1 33	23 44	1 24	16 45	0 28	15 22	2 5	1 57	0 42	4 26	1 57	33 36	10 37	23 21	23 27	21 21		n.a.
S 23	18 24	5 47	5 4	9 12	2 55	24 54	1 34	23 36	1 23	16 49	0 28	15 21	2 5	1 58	0 42	4 26	1 57	33 35	10 37	23 21	23 26	21 20		n.a.
M24	18 40	10 39	4 39	9 23	2 51	25 2	1 36	23 29	1 22	16 53	0 28	15 21	2 5	1 58	0 42	4 25	1 57	33 35	10 37	23 20	23 26	21 18		n.a.
T 25	18 56	14 57	4 0	9 37	2 46	25 8	1 37	23 20	1 21	16 57	0 28	15 20	2 5	1 59	0 42	4 25	1 57	33 35	10 37	23 20	23 26	21 17		n.a.
W26	19 12	18 31	3 10	9 55	2 41	25 14	1 38	23 12	1 20	17 1	0 28	15 20	2 6	1 59	0 42	4 24	1 57	33 34	10 36	23 20	23 26	21 15		n.a.
T 27	19 27	21 10	2 11	10 14	2 35	25 20	1 39	23 4	1 19	17 5	0 28	15 19	2 6	1 59	0 42	4 24	1 57	33 34	10 36	23 19	23 25	21 14		n.a.
F 28	19 41	22 47	1 7	10 36	2 28	25 24	1 40	22 55	1 19	17 9	0 28	15 19	2 6	2 0	0 42	4 23	1 57	33 34	10 36	23 19	23 25	21 13		n.a.
S 29	19 56	23 19	0 1	11 0	2 21	25 27	1 41	22 46	1 18	17 13	0 28	15 19	2 6	2 0	0 42	4 23	1 57	33 33	10 36	23 19	23 25	21 11		n.a.
S 30	20s10	22n46	1s 4	11s26	2n14	25s30	1s42	22s37	1s17	17s17	0n27	15n18	2n 7	2s 0	0s42	4n23	1n58	33s33	10s36	23s19	23s25	21n10		n.a.

Julian Day Number = 1293289.5, Delta T = 07h57m11s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'17, Lahiri = -20°08'17 Julian Calendar 1 Nov. 1173 BCE == Greg. Calendar 21 Oct. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1173 BCE
geocentric

DECEMBER 1173 BCE (-1172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 56 44	29♏33'27	11♋59	6♏20	28♐32	26♑26	19♏ 6	25♌16	26°R36	23♍37	14♑33	18♐25	19♐26	12♋59	n.a.	M 1
T 2	4 0 40	0♐34'42	23°46	7°22	29°46	27°11	19°19	25°17	26♓35	23°38	14°34	18°27	19°23	13° 6	n.a.	T 2
W 3	4 4 37	1°35'57	5♌35	8°26	1♑ 0	27°55	19°33	25°19	26°34	23°39	14°36	18°29	19°20	13°12	n.a.	W 3
T 4	4 8 34	2°37'12	17°30	9°33	2°14	28°40	19°47	25°20	26°33	23°40	14°37	18°30	19°16	13°19	n.a.	T 4
F 5	4 12 30	3°38'27	29°36	10°42	3°28	29°24	20° 0	25°21	26°33	23°41	14°38	18°R31	19°13	13°26	n.a.	F 5
S 6	4 16 27	4°39'41	11♍56	11°54	4°42	0♒ 8	20°14	25°22	26°32	23°42	14°40	18°30	19°10	13°32	n.a.	S 6
S 7	4 20 23	5°40'55	24°36	13° 7	5°56	0°53	20°28	25°23	26°32	23°43	14°41	18°30	19° 7	13°39	n.a.	S 7
M 8	4 24 20	6°42'08	7♎40	14°22	7°10	1°37	20°41	25°24	26°31	23°44	14°43	18°28	19° 4	13°46	n.a.	M 8
T 9	4 28 16	7°43'21	21°10	15°39	8°24	2°22	20°55	25°25	26°31	23°45	14°44	18°27	19° 1	13°52	n.a.	T 9
W10	4 32 13	8°44'33	5♏ 6	16°57	9°38	3° 6	21° 9	25°25	26°31	23°46	14°45	18°26	18°57	13°59	n.a.	W10
T 11	4 36 10	9°45'45	19°27	18°16	10°52	3°50	21°22	25°26	26°30	23°47	14°47	18°25	18°54	14° 6	n.a.	T 11
F 12	4 40 6	10°46'57	4♐ 9	19°36	12° 6	4°35	21°36	25°26	26°30	23°48	14°48	18°24	18°51	14°12	n.a.	F 12
S 13	4 44 3	11°48'07	19° 5	20°58	13°20	5°19	21°49	25°26	26°30	23°49	14°50	18°D24	18°48	14°19	n.a.	S 13
S 14	4 47 59	12°49'17	4♑ 6	22°21	14°33	6° 3	22° 2	25°27	26°30	23°49	14°51	18°24	18°45	14°26	n.a.	S 14
M15	4 51 56	13°50'25	19° 5	23°44	15°47	6°48	22°16	25°R27	26°30	23°50	14°53	18°24	18°42	14°32	n.a.	M15
T 16	4 55 52	14°51'33	3♒53	25° 9	17° 1	7°32	22°29	25°27	26°D30	23°51	14°54	18°25	18°38	14°39	n.a.	T 16
W17	4 59 49	15°52'39	18°24	26°34	18°14	8°16	22°43	25°27	26°30	23°52	14°56	18°25	18°35	14°46	n.a.	W17
T 18	5 3 45	16°53'43	2♓35	28° 1	19°28	9° 0	22°56	25°26	26°30	23°52	14°57	18°25	18°32	14°52	n.a.	T 18
F 19	5 7 42	17°54'46	16°23	29°28	20°41	9°44	23° 9	25°26	26°30	23°53	14°59	18°25	18°29	14°59	n.a.	F 19
S 20	5 11 39	18°55'48	29°50	0♐55	21°55	10°29	23°22	25°25	26°30	23°53	15° 0	18°25	18°26	15° 6	n.a.	S 20
S 21	5 15 35	19°56'49	12♈57	2°24	23° 8	11°13	23°36	25°25	26°31	23°54	15° 2	18°25	18°22	15°12	n.a.	S 21
M22	5 19 32	20°57'47	25°45	3°53	24°22	11°57	23°49	25°24	26°31	23°54	15° 4	18°26	18°19	15°19	n.a.	M22
T 23	5 23 28	21°58'45	8♉19	5°24	25°35	12°41	24° 2	25°23	26°31	23°55	15° 5	18°26	18°16	15°26	n.a.	T 23
W24	5 27 25	22°59'41	20°39	6°54	26°48	13°25	24°15	25°23	26°32	23°55	15° 7	18°26	18°13	15°32	n.a.	W24
T 25	5 31 21	24° 0'36	2♊49	8°26	28° 1	14° 9	24°28	25°22	26°32	23°56	15° 8	18°27	18°10	15°39	n.a.	T 25
F 26	5 35 18	25° 1'29	14°51	9°58	29°15	14°53	24°41	25°20	26°33	23°56	15°10	18°R27	18° 7	15°46	n.a.	F 26
S 27	5 39 15	26° 2'21	26°47	11°31	0♒28	15°37	24°54	25°19	26°33	23°56	15°12	18°27	18° 3	15°52	n.a.	S 27
S 28	5 43 11	27° 3'11	8♋38	13° 5	1°41	16°20	25° 6	25°18	26°34	23°57	15°13	18°26	18° 0	15°59	n.a.	S 28
M29	5 47 8	28° 4'00	20°27	14°40	2°54	17° 4	25°19	25°17	26°35	23°57	15°15	18°25	17°57	16° 6	n.a.	M29
T 30	5 51 4	29° 4'48	2♌16	16°15	4° 6	17°48	25°32	25°15	26°35	23°57	15°17	18°24	17°54	16°12	n.a.	T 30
W31	5 55 1	0♑ 5'35	14♌ 8	17♐51	5♒19	18♒32	25♏45	25♌14	26♓36	23♍57	15♑18	18♐22	17♐51	16♋19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s23	21n11	2s 7	11s52	2n 6	25s32	1s43	22s27	1s16	17s21	0n27	15n18	2n 7	2s 1	0s41	4n22	1n58	33s33	10s36	23s19	23s24	21n 8			n.a.
T 2	20 36	18 41	3 4	12 20	1 58	25 34	1 44	22 18	1 15	17 25	0 27	15 18	2 7	2 1	0 41	4 22	1 58	33 33	10 36	23 19	23 24	21 7			n.a.
W 3	20 49	15 26	3 53	12 48	1 50	25 34	1 44	22 8	1 14	17 28	0 27	15 17	2 8	2 1	0 41	4 21	1 58	33 32	10 35	23 19	23 24	21 5			n.a.
T 4	21 2	11 32	4 32	13 18	1 42	25 34	1 45	21 58	1 14	17 32	0 27	15 17	2 8	2 1	0 41	4 21	1 58	33 32	10 35	23 20	23 24	21 4			n.a.
F 5	21 14	7 7	5 0	13 47	1 34	25 33	1 45	21 48	1 13	17 36	0 27	15 17	2 8	2 1	0 41	4 21	1 58	33 32	10 35	23 20	23 23	21 2			n.a.
S 6	21 25	2 21	5 15	14 18	1 26	25 31	1 46	21 37	1 12	17 40	0 27	15 17	2 8	2 2	0 41	4 20	1 58	33 31	10 35	23 20	23 23	21 1			n.a.
S 7	21 36	2s38	5 15	14 48	1 18	25 28	1 46	21 27	1 11	17 44	0 27	15 17	2 9	2 2	0 41	4 20	1 58	33 31	10 35	23 20	23 23	20 59			n.a.
M 8	21 47	7 40	5 0	15 19	1 9	25 24	1 47	21 16	1 10	17 47	0 27	15 17	2 9	2 2	0 41	4 20	1 58	33 31	10 35	23 19	23 22	20 58			n.a.
T 9	21 57	12 30	4 27	15 49	1 1	25 20	1 47	21 5	1 9	17 51	0 27	15 17	2 9	2 2	0 41	4 19	1 58	33 31	10 35	23 19	23 22	20 56			n.a.
W10	22 7	16 51	3 38	16 20	0 53	25 15	1 47	20 54	1 9	17 55	0 27	15 17	2 10	2 2	0 41	4 19	1 58	33 30	10 35	23 19	23 22	20 55			n.a.
T 11	22 17	20 21	2 34	16 50	0 45	25 9	1 47	20 42	1 8	17 58	0 26	15 17	2 10	2 2	0 41	4 19	1 58	33 30	10 34	23 19	23 22	20 53			n.a.
F 12	22 26	22 36	1 18	17 20	0 37	25 3	1 47	20 31	1 7	18 2	0 26	15 17	2 10	2 2	0 41	4 18	1 58	33 30	10 34	23 19	23 21	20 52			n.a.
S 13	22 34	23 19	0n 4	17 50	0 29	24 55	1 47	20 19	1 6	18 6	0 26	15 17	2 10	2 2	0 41	4 18	1 58	33 29	10 34	23 19	23 21	20 50			n.a.
S 14	22 43	22 20	1 26	18 19	0 21	24 47	1 47	20 7	1 5	18 9	0 26	15 18	2 11	2 2	0 41	4 18	1 58	33 29	10 34	23 19	23 21	20 49			n.a.
M15	22 50	19 46	2 43	18 48	0 13	24 39	1 46	19 55	1 4	18 13	0 26	15 18	2 11	2 2	0 41	4 18	1 59	33 29	10 34	23 19	23 21	20 47			n.a.
T 16	22 57	15 56	3 47	19 17	0 5	24 29	1 46	19 43	1 3	18 16	0 26	15 18	2 11	2 2	0 41	4 17	1 59	33 29	10 34	23 19	23 20	20 46			n.a.
W17	23 4	11 12	4 36	19 45	0s 2	24 19	1 46	19 30	1 3	18 20	0 26	15 18	2 11	2 2	0 41	4 17	1 59	33 28	10 34	23 19	23 20	20 44			n.a.
T 18	23 11	5 58	5 6	20 12	0 10	24 8	1 45	19 18	1 2	18 24	0 26	15 19	2 12	2 2	0 41	4 17	1 59	33 28	10 34	23 19	23 20	20 43			n.a.
F 19	23 16	0 35	5 18	20 39	0 17	23 56	1 45	19 5	1 1	18 27	0 26	15 19	2 12	2 2	0 41	4 17	1 59	33 28	10 34	23 19	23 19	20 41			n.a.
S 20	23 22	4n41	5 12	21 4	0 24	23 43	1 44	18 52	1 0	18 30	0 26	15 20	2 12	2 2	0 41	4 17	1 59	33 28	10 34	23 19	23 19	20 40			n.a.
S 21	23 27	9 37	4 49	21 29	0 31	23 30	1 43	18 39	0 59	18 34	0 26	15 20	2 13	2 2	0 41	4 17	1 59	33 27	10 34	23 19	23 19	20 38			n.a.
M22	23 31	14 2	4 13	21 54	0 38	23 16	1 42	18 25	0 58	18 37	0 26	15 21	2 13	2 2	0 41	4 16	1 59	33 27	10 34	23 19	23 19	20 37			n.a.
T 23	23 35	17 44	3 25	22 17	0 44	23 2	1 41	18 12	0 58	18 41	0 26	15 21	2 13	2 1	0 41	4 16	1 59	33 27	10 34	23 19	23 18	20 35			n.a.
W24	23 39	20 35	2 29	22 39	0 51	22 47	1 40	17 59	0 57	18 44	0 25	15 22	2 13	2 1	0 41	4 16	1 59	33 27	10 33	23 19	23 18	20 34			n.a.
T 25	23 42	22 28	1 26	23 0	0 57	22 31	1 39	17 45	0 56	18 47	0 25	15 22	2 14	2 1	0 41	4 16	1 59	33 26	10 33	23 19	23 18	20 32			n.a.
F 26	23 44	23 17	0 20	23 21	1 3	22 15	1 38	17 31	0 55	18 50	0 25	15 23	2 14	2 1	0 41	4 16	1 59	33 26	10 33	23 19	23 17	20 31			n.a.
S 27	23 46	23 1	0s46	23 40	1 8	21 57	1 37	17 17	0 54	18 54	0 25	15 24	2 14	2 0	0 40	4 16	1 59	33 26	10 33	23 19	23 17	20 29			n.a.
S 28	23 48	21 43	1 50	23 58	1 14	21 40	1 35	17 3	0 53	18 57	0 25	15 24	2 14	2 0	0 40	4 16	1 59	33 26	10 33	23 19	23 17	20 27			n.a.
M29	23 49	19 28	2 49	24 15	1 19	21 21	1 34	16 49	0 53	19 0	0 25	15 25	2 15	2 0	0 40	4 16	2 0	33 25	10 33	23 19	23 17	20 26			n.a.
T 30	23 50	16 24	3 40	24 30	1 24	21 3	1 33	16 34	0 52	19 3	0 25	15 26	2 15	2 0	0 40	4 16	2 0	33 25	10 33	23 19	23 16	20 24			n.a.
W31	23s50	12n41	4s22	24s45	1s29	20s43	1s31	16s20	0s51	19s 6	0n25	15n27	2n15	1s59	0s40	4n16	2n 0	33s25	10s33	23s19	23s16	20n23			n.a.

Julian Day Number = 1293319.5, Delta T = 07h57m10s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'13, Lahiri = -20°08'13 Julian Calendar 1 Dec. 1173 BCE == Greg. Calendar 20 Nov. 1173 BCE

The year -1172 astronomical counting style corresponds to year 1173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

JANUARY 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 57	1♉ 6'20	26♌ 5	19♐28	6♒32	19♒15	25♏57	25°R12	26♓37	23♍57	15♉20	18°R20	17♐48	16♋26	n.a.	T 1
F 2	6 2 54	2° 7'03	8♍11	21° 6	7°45	19°59	26°10	25♌10	26°38	23°58	15°22	18♐19	17°44	16°32	n.a.	F 2
S 3	6 6 50	3° 7'46	20°29	22°44	8°57	20°43	26°22	25° 8	26°39	23°58	15°23	18°18	17°41	16°39	n.a.	S 3
S 4	6 10 47	4° 8'27	3♎ 5	24°23	10°10	21°26	26°35	25° 6	26°40	23°58	15°25	18°D17	17°38	16°46	n.a.	S 4
M 5	6 14 44	5° 9'06	16° 1	26° 3	11°22	22°10	26°47	25° 4	26°41	23°R58	15°27	18°17	17°35	16°52	n.a.	M 5
T 6	6 18 40	6° 9'45	29°21	27°44	12°34	22°54	26°59	25° 2	26°42	23°58	15°28	18°18	17°32	16°59	n.a.	T 6
W 7	6 22 37	7°10'22	13♏ 8	29°26	13°47	23°37	27°11	25° 0	26°43	23°58	15°30	18°20	17°28	17° 6	n.a.	W 7
T 8	6 26 33	8°10'57	27°22	1♉ 9	14°59	24°21	27°24	24°57	26°44	23°58	15°32	18°21	17°25	17°12	n.a.	T 8
F 9	6 30 30	9°11'32	12♐ 0	2°53	16°11	25° 4	27°36	24°55	26°46	23°57	15°33	18°R22	17°22	17°19	n.a.	F 9
S 10	6 34 26	10°12'04	26°59	4°37	17°23	25°47	27°48	24°52	26°47	23°57	15°35	18°22	17°19	17°26	n.a.	S 10
S 11	6 38 23	11°12'35	12♉11	6°22	18°35	26°31	28° 0	24°50	26°48	23°57	15°37	18°21	17°16	17°32	n.a.	S 11
M12	6 42 19	12°13'04	27°26	8° 9	19°47	27°14	28°12	24°47	26°50	23°57	15°39	18°18	17°13	17°39	n.a.	M12
T 13	6 46 16	13°13'31	12♒34	9°56	20°59	27°57	28°23	24°44	26°51	23°57	15°40	18°15	17° 9	17°46	n.a.	T 13
W14	6 50 13	14°13'57	27°25	11°44	22°10	28°41	28°35	24°41	26°52	23°56	15°42	18°11	17° 6	17°52	n.a.	W14
T 15	6 54 9	15°14'19	11♓53	13°33	23°22	29°24	28°47	24°38	26°54	23°56	15°44	18° 8	17° 3	17°59	n.a.	T 15
F 16	6 58 6	16°14'40	25°54	15°23	24°34	0♓ 7	28°58	24°35	26°56	23°56	15°45	18° 5	17° 0	18° 6	n.a.	F 16
S 17	7 2 2	17°14'59	9♈28	17°14	25°45	0°50	29°10	24°32	26°57	23°55	15°47	18° 4	16°57	18°12	n.a.	S 17
S 18	7 5 59	18°15'15	22°35	19° 6	26°56	1°33	29°21	24°29	26°59	23°55	15°49	18°D 3	16°54	18°19	n.a.	S 18
M19	7 9 55	19°15'29	5♉18	20°59	28° 7	2°16	29°32	24°25	27° 1	23°55	15°51	18° 4	16°50	18°26	n.a.	M19
T 20	7 13 52	20°15'41	17°43	22°52	29°19	2°59	29°43	24°22	27° 2	23°54	15°52	18° 6	16°47	18°32	n.a.	T 20
W21	7 17 48	21°15'51	29°54	24°46	0♓30	3°42	29°55	24°19	27° 4	23°54	15°54	18° 8	16°44	18°39	n.a.	W21
T 22	7 21 45	22°15'59	11♊53	26°41	1°40	4°25	0♐ 6	24°15	27° 6	23°53	15°56	18° 9	16°41	18°46	n.a.	T 22
F 23	7 25 42	23°16'04	23°46	28°36	2°51	5° 8	0°17	24°12	27° 8	23°52	15°57	18°R 9	16°38	18°52	n.a.	F 23
S 24	7 29 38	24°16'07	5♋35	0♒31	4° 2	5°51	0°27	24° 8	27°10	23°52	15°59	18° 7	16°34	18°59	n.a.	S 24
S 25	7 33 35	25°16'09	17°24	2°27	5°12	6°34	0°38	24° 4	27°12	23°51	16° 1	18° 4	16°31	19° 6	n.a.	S 25
M26	7 37 31	26°16'08	29°14	4°23	6°23	7°17	0°49	24° 1	27°14	23°51	16° 3	17°59	16°28	19°12	n.a.	M26
T 27	7 41 28	27°16'05	11♌ 6	6°19	7°33	8° 0	0°59	23°57	27°16	23°50	16° 4	17°52	16°25	19°19	n.a.	T 27
W28	7 45 24	28°16'00	23° 4	8°14	8°43	8°42	1°10	23°53	27°18	23°49	16° 6	17°44	16°22	19°26	n.a.	W28
T 29	7 49 21	29°15'52	5♍ 8	10° 8	9°53	9°25	1°20	23°49	27°20	23°48	16° 8	17°36	16°19	19°32	n.a.	T 29
F 30	7 53 17	0♒15'43	17°21	12° 2	11° 3	10° 7	1°30	23°45	27°22	23°48	16° 9	17°29	16°15	19°39	n.a.	F 30
S 31	7 57 14	1♒15'32	29♍44	13♒53	12♓12	10♓50	1♐40	23♌41	27♓24	23♍47	16♉11	17♐23	16♐12	19♋46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s50	8n26	4 s53	24 s57	1 s33	20 s23	1 s29	16 s 5	0 s50	19 s 9	0n25	15n27	2n16	1 s59	0 s40	4n16	2n 0	33 s25	10 s33	23 s19	23 s16	20n21			n.a.
F 2	23 49	3 50	5 12	25 9	1 37	20 2	1 27	15 50	0 49	19 13	0 25	15 28	2 16	1 58	0 40	4 16	2 0	33 24	10 33	23 19	23 15	20 20			n.a.
S 3	23 48	1 s 1	5 16	25 19	1 41	19 41	1 26	15 35	0 49	19 16	0 25	15 29	2 16	1 58	0 40	4 16	2 0	33 24	10 33	23 18	23 15	20 18			n.a.
S 4	23 46	5 55	5 6	25 27	1 45	19 20	1 24	15 20	0 48	19 19	0 25	15 30	2 16	1 58	0 40	4 16	2 0	33 24	10 33	23 18	23 15	20 16			n.a.
M 5	23 44	10 42	4 40	25 34	1 48	18 58	1 22	15 5	0 47	19 22	0 25	15 31	2 17	1 57	0 40	4 16	2 0	33 24	10 33	23 18	23 15	20 15			n.a.
T 6	23 41	15 8	3 59	25 40	1 51	18 35	1 20	14 50	0 46	19 24	0 25	15 32	2 17	1 57	0 40	4 16	2 0	33 24	10 33	23 19	23 14	20 13			n.a.
W 7	23 38	18 56	3 3	25 43	1 53	18 12	1 17	14 35	0 45	19 27	0 25	15 33	2 17	1 56	0 40	4 16	2 0	33 23	10 33	23 19	23 14	20 12			n.a.
T 8	23 35	21 44	1 54	25 45	1 56	17 48	1 15	14 19	0 44	19 30	0 24	15 34	2 17	1 56	0 40	4 16	2 0	33 23	10 33	23 19	23 14	20 10			n.a.
F 9	23 31	23 11	0 35	25 45	1 57	17 24	1 13	14 4	0 44	19 33	0 24	15 35	2 18	1 55	0 40	4 16	2 0	33 23	10 33	23 19	23 13	20 8			n.a.
S 10	23 26	23 0	0n47	25 44	1 59	17 0	1 10	13 48	0 43	19 36	0 24	15 36	2 18	1 55	0 40	4 17	2 0	33 23	10 33	23 19	23 13	20 7			n.a.
S 11	23 21	21 9	2 8	25 40	2 0	16 35	1 8	13 32	0 42	19 39	0 24	15 37	2 18	1 54	0 40	4 17	2 0	33 23	10 33	23 19	23 13	20 5			n.a.
M12	23 16	17 46	3 19	25 35	2 0	16 9	1 5	13 17	0 41	19 41	0 24	15 38	2 18	1 53	0 40	4 17	2 1	33 22	10 33	23 19	23 12	20 3			n.a.
T 13	23 10	13 14	4 16	25 27	2 0	15 44	1 3	13 1	0 40	19 44	0 24	15 40	2 18	1 53	0 40	4 17	2 1	33 22	10 33	23 18	23 12	20 2			n.a.
W14	23 4	7 58	4 54	25 18	2 0	15 17	1 0	12 45	0 40	19 47	0 24	15 41	2 19	1 52	0 40	4 17	2 1	33 22	10 33	23 18	23 12	20 0			n.a.
T 15	22 57	2 25	5 12	25 6	1 59	14 51	0 57	12 29	0 39	19 50	0 24	15 42	2 19	1 51	0 40	4 17	2 1	33 22	10 33	23 18	23 11	19 59			n.a.
F 16	22 50	3n 6	5 11	24 53	1 58	14 24	0 54	12 12	0 38	19 52	0 24	15 43	2 19	1 51	0 40	4 18	2 1	33 22	10 33	23 17	23 11	19 57			n.a.
S 17	22 42	8 17	4 53	24 37	1 56	13 57	0 51	11 56	0 37	19 55	0 24	15 45	2 19	1 50	0 40	4 18	2 1	33 21	10 33	23 17	23 11	19 55			n.a.
S 18	22 34	12 55	4 19	24 19	1 53	13 29	0 48	11 40	0 36	19 57	0 24	15 46	2 20	1 49	0 40	4 18	2 1	33 21	10 34	23 17	23 11	19 54			n.a.
M19	22 25	16 51	3 34	23 59	1 50	13 2	0 45	11 23	0 36	20 0	0 24	15 47	2 20	1 49	0 40	4 18	2 1	33 21	10 34	23 17	23 10	19 52			n.a.
T 20	22 17	19 56	2 39	23 37	1 47	12 33	0 42	11 7	0 35	20 2	0 24	15 49	2 20	1 48	0 40	4 18	2 1	33 21	10 34	23 17	23 10	19 50			n.a.
W21	22 7	22 4	1 38	23 12	1 43	12 5	0 39	10 50	0 34	20 5	0 24	15 50	2 20	1 47	0 40	4 19	2 1	33 21	10 34	23 18	23 10	19 49			n.a.
T 22	21 58	23 9	0 34	22 46	1 38	11 36	0 36	10 34	0 33	20 7	0 24	15 51	2 20	1 46	0 39	4 19	2 1	33 21	10 34	23 18	23 9	19 47			n.a.
F 23	21 47	23 10	0 s31	22 17	1 32	11 7	0 32	10 17	0 33	20 10	0 24	15 53	2 21	1 46	0 39	4 19	2 1	33 20	10 34	23 18	23 9	19 45			n.a.
S 24	21 37	22 9	1 34	21 47	1 26	10 38	0 29	10 0	0 32	20 12	0 23	15 54	2 21	1 45	0 39	4 20	2 1	33 20	10 34	23 18	23 9	19 44			n.a.
S 25	21 26	20 9	2 33	21 14	1 20	10 9	0 25	9 44	0 31	20 14	0 23	15 56	2 21	1 44	0 39	4 20	2 1	33 20	10 34	23 17	23 8	19 42			n.a.
M26	21 15	17 18	3 25	20 39	1 12	9 39	0 22	9 27	0 30	20 17	0 23	15 57	2 21	1 43	0 39	4 20	2 1	33 20	10 34	23 17	23 8	19 40			n.a.
T 27	21 3	13 45	4 8	20 2	1 4	9 9	0 18	9 10	0 29	20 19	0 23	15 59	2 21	1 42	0 39	4 21	2 2	33 20	10 34	23 16	23 8	19 39			n.a.
W28	20 51	9 38	4 41	19 24	0 56	8 39	0 14	8 53	0 29	20 21	0 23	16 0	2 22	1 41	0 39	4 21	2 2	33 20	10 34	23 15	23 7	19 37			n.a.
T 29	20 38	5 6	5 2	18 44	0 46	8 9	0 11	8 36	0 28	20 23	0 23	16 2	2 22	1 41	0 39	4 21	2 2	33 20	10 34	23 15	23 7	19 35			n.a.
F 30	20 26	0 21	5 9	18 3	0 36	7 39	0 7	8 19	0 27	20 25	0 23	16 3	2 22	1 40	0 39	4 22	2 2	33 20	10 35	23 14	23 7	19 34			n.a.
S 31	20 s12	4 s30	5 s 2	17 s20	0 s25	7 s 8	0 s 3	8 s 2	0 s26	20 s28	0n23	16n 5	2n22	1 s39	0 s39	4n22	2n 2	33 s19	10 s35	23 s13	23 s 6	19n32			n.a.

Julian Day Number = 1293350.5, Delta T = 07h57m08s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'09, Lahiri = -20°08'09 Julian Calendar 1 Jan. 1172 BCE == Greg. Calendar 21 Dec. 1173 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

FEBRUARY 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 10	2♒15'19	12♎21	15♒43	13♓22	11♓33	1♐50	23°R37	27♓27	23°R46	16♑13	17°R19	16♐ 9	19♋52	n.a.	S 1
M 2	8 5 7	3°15'05	25°15	17°31	14°31	12°15	2° 0	23♌33	27°29	23♍45	16°14	17♐17	16° 6	19°59	n.a.	M 2
T 3	8 9 4	4°14'48	8♏28	19°16	15°40	12°58	2°10	23°28	27°31	23°44	16°16	17°D17	16° 3	20° 6	n.a.	T 3
W 4	8 13 0	5°14'30	22° 3	20°58	16°50	13°40	2°20	23°24	27°34	23°43	16°18	17°18	15°59	20°12	n.a.	W 4
T 5	8 16 57	6°14'09	6♐ 3	22°36	17°59	14°22	2°29	23°20	27°36	23°42	16°19	17°19	15°56	20°19	n.a.	T 5
F 6	8 20 53	7°13'47	20°27	24°10	19° 7	15° 5	2°39	23°15	27°38	23°41	16°21	17°R19	15°53	20°26	n.a.	F 6
S 7	8 24 50	8°13'23	5♑13	25°39	20°16	15°47	2°48	23°11	27°41	23°40	16°22	17°18	15°50	20°32	n.a.	S 7
S 8	8 28 46	9°12'58	20°17	27° 3	21°25	16°29	2°57	23° 7	27°43	23°39	16°24	17°14	15°47	20°39	n.a.	S 8
M 9	8 32 43	10°12'29	5♒29	28°22	22°33	17°12	3° 7	23° 2	27°46	23°38	16°26	17° 8	15°44	20°46	n.a.	M 9
T 10	8 36 39	11°11'59	20°40	29°34	23°41	17°54	3°16	22°58	27°49	23°37	16°27	17° 1	15°40	20°52	n.a.	T 10
W11	8 40 36	12°11'27	5♓40	0♓40	24°49	18°36	3°24	22°53	27°51	23°36	16°29	16°52	15°37	20°59	n.a.	W11
T 12	8 44 33	13°10'52	20°18	1°39	25°57	19°18	3°33	22°49	27°54	23°35	16°30	16°43	15°34	21° 6	n.a.	T 12
F 13	8 48 29	14°10'14	4♈30	2°32	27° 4	20° 0	3°42	22°44	27°57	23°34	16°32	16°36	15°31	21°12	n.a.	F 13
S 14	8 52 26	15° 9'34	18°13	3°17	28°12	20°42	3°50	22°40	27°59	23°33	16°33	16°31	15°28	21°19	n.a.	S 14
S 15	8 56 22	16° 8'52	1♉26	3°54	29°19	21°24	3°59	22°35	28° 2	23°31	16°35	16°27	15°25	21°26	n.a.	S 15
M16	9 0 19	17° 8'08	14°13	4°24	0♈26	22° 6	4° 7	22°31	28° 5	23°30	16°37	16°D26	15°21	21°32	n.a.	M16
T 17	9 4 15	18° 7'20	26°38	4°46	1°33	22°48	4°15	22°26	28° 8	23°29	16°38	16°26	15°18	21°39	n.a.	T 17
W18	9 8 12	19° 6'31	8♊46	5° 1	2°39	23°30	4°23	22°21	28°10	23°28	16°40	16°27	15°15	21°46	n.a.	W18
T 19	9 12 8	20° 5'39	20°42	5°R 8	3°46	24°12	4°31	22°17	28°13	23°26	16°41	16°R27	15°12	21°52	n.a.	T 19
F 20	9 16 5	21° 4'44	2♋31	5° 8	4°52	24°53	4°38	22°12	28°16	23°25	16°42	16°26	15° 9	21°59	n.a.	F 20
S 21	9 20 1	22° 3'48	14°19	5° 0	5°58	25°35	4°46	22° 7	28°19	23°24	16°44	16°22	15° 5	22° 6	n.a.	S 21
S 22	9 23 58	23° 2'49	26° 7	4°46	7° 4	26°17	4°53	22° 3	28°22	23°23	16°45	16°16	15° 2	22°12	n.a.	S 22
M23	9 27 55	24° 1'47	8♌ 0	4°25	8° 9	26°58	5° 1	21°58	28°25	23°21	16°47	16° 7	14°59	22°19	n.a.	M23
T 24	9 31 51	25° 0'43	20° 0	3°58	9°14	27°40	5° 8	21°54	28°28	23°20	16°48	15°56	14°56	22°26	n.a.	T 24
W25	9 35 48	25°59'37	2♍ 7	3°27	10°19	28°22	5°15	21°49	28°31	23°18	16°50	15°43	14°53	22°32	n.a.	W25
T 26	9 39 44	26°58'29	14°23	2°50	11°24	29° 3	5°21	21°44	28°34	23°17	16°51	15°30	14°50	22°39	n.a.	T 26
F 27	9 43 41	27°57'19	26°48	2°10	12°28	29°45	5°28	21°40	28°37	23°16	16°52	15°18	14°46	22°46	n.a.	F 27
S 28	9 47 37	28♒56'07	9♎24	1♓26	13♈32	0♈26	5♐35	21♌35	28♓40	23♍14	16♑54	15♐ 8	14♐43	22♋52	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s59	9s15	4s40	16s37	0s14	6s38	0n 1	7s45	0s26	20s30	0n23	16n 6	2n22	1s38	0s39	4n22	2n 2	33s19	10s35	23s13	23s 6	19n30			n.a.
M 2	19 45	13 42	4 4	15 52	0 2	6 7	0 5	7 27	0 25	20 32	0 23	16 8	2 22	1 37	0 39	4 23	2 2	33 19	10 35	23 13	23 6	19 29			n.a.
T 3	19 31	17 37	3 14	15 8	0n10	5 36	0 9	7 10	0 24	20 34	0 23	16 9	2 22	1 36	0 39	4 23	2 2	33 19	10 35	23 13	23 5	19 27			n.a.
W 4	19 16	20 42	2 12	14 23	0 23	5 5	0 13	6 53	0 23	20 36	0 23	16 11	2 23	1 35	0 39	4 24	2 2	33 19	10 35	23 13	23 5	19 25			n.a.
T 5	19 1	22 40	1 1	13 39	0 36	4 34	0 17	6 36	0 23	20 38	0 23	16 12	2 23	1 34	0 39	4 24	2 2	33 19	10 35	23 13	23 5	19 23			n.a.
F 6	18 46	23 12	0n17	12 55	0 49	4 3	0 21	6 18	0 22	20 40	0 23	16 14	2 23	1 33	0 39	4 25	2 2	33 19	10 35	23 13	23 4	19 22			n.a.
S 7	18 30	22 9	1 35	12 12	1 3	3 32	0 25	6 1	0 21	20 42	0 23	16 16	2 23	1 32	0 39	4 25	2 2	33 19	10 36	23 13	23 4	19 20			n.a.
S 8	18 15	19 31	2 48	11 30	1 17	3 1	0 30	5 44	0 20	20 44	0 23	16 17	2 23	1 31	0 39	4 25	2 2	33 19	10 36	23 13	23 4	19 18			n.a.
M 9	17 58	15 30	3 49	10 50	1 30	2 29	0 34	5 26	0 20	20 45	0 23	16 19	2 23	1 30	0 39	4 26	2 2	33 19	10 36	23 12	23 3	19 17			n.a.
T 10	17 42	10 30	4 34	10 11	1 44	1 58	0 38	5 9	0 19	20 47	0 22	16 20	2 23	1 29	0 39	4 26	2 2	33 19	10 36	23 11	23 3	19 15			n.a.
W11	17 25	4 57	5 0	9 35	1 57	1 27	0 42	4 52	0 18	20 49	0 22	16 22	2 24	1 28	0 39	4 27	2 2	33 19	10 36	23 10	23 3	19 13			n.a.
T 12	17 8	0n46	5 5	9 2	2 11	0 55	0 47	4 34	0 17	20 51	0 22	16 24	2 24	1 26	0 39	4 27	2 2	33 19	10 36	23 10	23 2	19 11			n.a.
F 13	16 51	6 15	4 51	8 31	2 23	0 24	0 51	4 17	0 17	20 52	0 22	16 25	2 24	1 25	0 39	4 28	2 2	33 19	10 37	23 9	23 2	19 10			n.a.
S 14	16 33	11 15	4 21	8 4	2 35	0n 7	0 56	3 59	0 16	20 54	0 22	16 27	2 24	1 24	0 39	4 28	2 3	33 19	10 37	23 8	23 2	19 8			n.a.
S 15	16 15	15 33	3 37	7 39	2 47	0 38	1 0	3 42	0 15	20 56	0 22	16 28	2 24	1 23	0 39	4 29	2 3	33 18	10 37	23 8	23 1	19 6			n.a.
M16	15 57	18 58	2 44	7 18	2 57	1 10	1 5	3 24	0 15	20 57	0 22	16 30	2 24	1 22	0 39	4 29	2 3	33 18	10 37	23 8	23 1	19 4			n.a.
T 17	15 39	21 24	1 44	7 1	3 7	1 41	1 9	3 7	0 14	20 59	0 22	16 32	2 24	1 21	0 39	4 30	2 3	33 18	10 37	23 8	23 0	19 3			n.a.
W18	15 20	22 48	0 41	6 48	3 16	2 12	1 14	2 49	0 13	21 0	0 22	16 33	2 24	1 20	0 39	4 31	2 3	33 18	10 37	23 8	23 0	19 1			n.a.
T 19	15 1	23 7	0s23	6 38	3 23	2 43	1 18	2 32	0 12	21 2	0 22	16 35	2 24	1 18	0 39	4 31	2 3	33 18	10 38	23 8	23 0	18 59			n.a.
F 20	14 42	22 24	1 25	6 33	3 29	3 13	1 23	2 14	0 12	21 3	0 22	16 36	2 24	1 17	0 39	4 32	2 3	33 18	10 38	23 8	22 59	18 57			n.a.
S 21	14 23	20 41	2 23	6 31	3 34	3 44	1 27	1 57	0 11	21 5	0 22	16 38	2 24	1 16	0 39	4 32	2 3	33 18	10 38	23 7	22 59	18 56			n.a.
S 22	14 4	18 5	3 15	6 33	3 38	4 15	1 32	1 40	0 10	21 6	0 22	16 40	2 24	1 15	0 39	4 33	2 3	33 18	10 38	23 7	22 59	18 54			n.a.
M23	13 44	14 44	3 58	6 39	3 39	4 45	1 36	1 22	0 10	21 8	0 22	16 41	2 24	1 14	0 39	4 33	2 3	33 18	10 38	23 6	22 58	18 52			n.a.
T 24	13 24	10 46	4 32	6 49	3 39	5 16	1 41	1 5	0 9	21 9	0 22	16 43	2 25	1 12	0 38	4 34	2 3	33 18	10 39	23 5	22 58	18 50			n.a.
W25	13 4	6 20	4 53	7 2	3 38	5 46	1 45	0 47	0 8	21 10	0 22	16 44	2 25	1 11	0 38	4 35	2 3	33 18	10 39	23 3	22 58	18 48			n.a.
T 26	12 43	1 37	5 1	7 18	3 35	6 16	1 50	0 30	0 8	21 12	0 22	16 46	2 25	1 10	0 38	4 35	2 3	33 18	10 39	23 2	22 57	18 47			n.a.
F 27	12 23	3s13	4 56	7 37	3 30	6 45	1 55	0 12	0 7	21 13	0 21	16 48	2 25	1 9	0 38	4 36	2 3	33 19	10 39	23 0	22 57	18 45			n.a.
S 28	12s 2	7s59	4s35	7s59	3n23	7n15	1n59	0n 5	0s 6	21s14	0n21	16n49	2n25	1s 7	0s38	4n36	2n 3	33s19	10s40	22s59	22s57	18n43			n.a.

Julian Day Number = 1293381.5, Delta T = 07h57m06s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'05, Lahiri = -20°08'04 Julian Calendar 1 Feb. 1172 BCE == Greg. Calendar 21 Jan. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

MARCH 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 34	29♒54'52	22♎12	0°R41	14♈36	1♈ 8	5♐41	21°R31	28♓43	23°R13	16♑55	15°R 0	14♐40	22♋59	n.a.	S 1
M 2	9 55 30	0♓53'36	5♏12	29♒55	15°40	1°49	5°47	21♌26	28°46	23♍11	16°56	14♐55	14°37	23° 6	n.a.	M 2
T 3	9 59 27	1°52'18	18°27	29° 8	16°43	2°30	5°53	21°22	28°50	23°10	16°58	14°53	14°34	23°12	n.a.	T 3
W 4	10 3 23	2°50'59	1♐58	28°22	17°46	3°11	5°59	21°17	28°53	23° 8	16°59	14°D52	14°31	23°19	n.a.	W 4
T 5	10 7 20	3°49'37	15°48	27°37	18°49	3°53	6° 5	21°13	28°56	23° 7	17° 0	14°R52	14°27	23°26	n.a.	T 5
F 6	10 11 17	4°48'14	29°58	26°55	19°51	4°34	6°11	21° 8	28°59	23° 5	17° 1	14°52	14°24	23°33	n.a.	F 6
S 7	10 15 13	5°46'49	14♑26	26°16	20°53	5°15	6°16	21° 4	29° 2	23° 4	17° 3	14°50	14°21	23°39	n.a.	S 7
S 8	10 19 10	6°45'22	29°10	25°40	21°55	5°56	6°21	20°59	29° 6	23° 2	17° 4	14°45	14°18	23°46	n.a.	S 8
M 9	10 23 6	7°43'54	14♒ 4	25° 8	22°56	6°37	6°26	20°55	29° 9	23° 1	17° 5	14°37	14°15	23°53	n.a.	M 9
T 10	10 27 3	8°42'23	29° 1	24°40	23°57	7°18	6°31	20°51	29°12	22°59	17° 6	14°27	14°11	23°59	n.a.	T 10
W11	10 30 59	9°40'50	13♓51	24°17	24°58	8° 0	6°36	20°47	29°15	22°58	17° 7	14°15	14° 8	24° 6	n.a.	W11
T 12	10 34 56	10°39'15	28°25	23°59	25°58	8°41	6°41	20°42	29°19	22°56	17° 9	14° 4	14° 5	24°13	n.a.	T 12
F 13	10 38 52	11°37'38	12♈36	23°46	26°58	9°21	6°45	20°38	29°22	22°54	17°10	13°54	14° 2	24°19	n.a.	F 13
S 14	10 42 49	12°36'00	26°21	23°38	27°57	10° 2	6°49	20°34	29°25	22°53	17°11	13°46	13°59	24°26	n.a.	S 14
S 15	10 46 46	13°34'18	9♉38	23°D35	28°56	10°43	6°53	20°30	29°29	22°51	17°12	13°40	13°56	24°33	n.a.	S 15
M16	10 50 42	14°32'35	22°28	23°37	29°55	11°24	6°57	20°26	29°32	22°50	17°13	13°37	13°52	24°39	n.a.	M16
T 17	10 54 39	15°30'50	4♊56	23°44	0♉53	12° 5	7° 1	20°22	29°35	22°48	17°14	13°36	13°49	24°46	n.a.	T 17
W18	10 58 35	16°29'02	17° 6	23°56	1°51	12°46	7° 5	20°18	29°39	22°46	17°15	13°36	13°46	24°53	n.a.	W18
T 19	11 2 32	17°27'12	29° 4	24°12	2°48	13°26	7° 8	20°14	29°42	22°45	17°16	13°36	13°43	24°59	n.a.	T 19
F 20	11 6 28	18°25'21	10♋54	24°34	3°45	14° 7	7°11	20°10	29°46	22°43	17°17	13°34	13°40	25° 6	n.a.	F 20
S 21	11 10 25	19°23'27	22°43	24°59	4°41	14°48	7°14	20° 7	29°49	22°41	17°18	13°31	13°37	25°13	n.a.	S 21
S 22	11 14 21	20°21'30	4♌34	25°29	5°37	15°28	7°17	20° 3	29°52	22°40	17°19	13°24	13°33	25°19	n.a.	S 22
M23	11 18 18	21°19'32	16°31	26° 3	6°32	16° 9	7°20	19°59	29°56	22°38	17°20	13°15	13°30	25°26	n.a.	M23
T 24	11 22 14	22°17'32	28°38	26°41	7°27	16°50	7°22	19°56	29°59	22°37	17°21	13° 4	13°27	25°33	n.a.	T 24
W25	11 26 11	23°15'30	10♍56	27°23	8°21	17°30	7°24	19°52	0♈ 3	22°35	17°22	12°51	13°24	25°39	n.a.	W25
T 26	11 30 8	24°13'26	23°26	28° 8	9°14	18°11	7°27	19°49	0° 6	22°33	17°22	12°38	13°21	25°46	n.a.	T 26
F 27	11 34 4	25°11'21	6♎ 8	28°57	10° 7	18°51	7°28	19°45	0°10	22°32	17°23	12°26	13°17	25°53	n.a.	F 27
S 28	11 38 1	26° 9'13	19° 3	29°49	10°59	19°31	7°30	19°42	0°13	22°30	17°24	12°15	13°14	25°59	n.a.	S 28
S 29	11 41 57	27° 7'05	2♏ 9	0♓45	11°50	20°12	7°32	19°39	0°16	22°28	17°25	12° 8	13°11	26° 6	n.a.	S 29
M30	11 45 54	28° 4'54	15°26	1°43	12°41	20°52	7°33	19°36	0°20	22°27	17°25	12° 2	13° 8	26°13	n.a.	M30
T 31	11 49 50	29♓ 2'43	28♏54	2♓45	13♉31	21♈32	7♐34	19♌33	0♈23	22♍25	17♑26	12♐ 0	13♐ 5	26♋19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s41	12s30	4s 1	8s23	3n15	7n45	2n 4	0n22	0s 6	21s15	0n21	16n51	2n25	1s 6	0s38	4n37	2n 3	33s19	10s40	22s58	22s56	18n41			n.a.
M 2	11 20	16 30	3 14	8 48	3 5	8 14	2 8	0 40	0 5	21 17	0 21	16 52	2 25	1 5	0 38	4 38	2 3	33 19	10 40	22 58	22 56	18 40			n.a.
T 3	10 59	19 46	2 15	9 15	2 54	8 43	2 13	0 57	0 4	21 18	0 21	16 54	2 25	1 4	0 38	4 38	2 3	33 19	10 40	22 58	22 55	18 38			n.a.
W 4	10 38	22 0	1 8	9 42	2 42	9 11	2 17	1 14	0 4	21 19	0 21	16 55	2 25	1 2	0 38	4 39	2 3	33 19	10 40	22 58	22 55	18 36			n.a.
T 5	10 16	22 59	0n 5	10 10	2 29	9 40	2 22	1 31	0 3	21 20	0 21	16 57	2 25	1 1	0 38	4 40	2 3	33 19	10 41	22 58	22 55	18 34			n.a.
F 6	9 54	22 31	1 19	10 38	2 14	10 8	2 26	1 49	0 2	21 21	0 21	16 58	2 25	1 0	0 38	4 40	2 3	33 19	10 41	22 58	22 54	18 32			n.a.
S 7	9 32	20 33	2 30	11 6	2 0	10 36	2 31	2 6	0 2	21 22	0 21	16 59	2 25	0 58	0 38	4 41	2 3	33 19	10 41	22 57	22 54	18 31			n.a.
S 8	9 11	17 13	3 31	11 33	1 44	11 4	2 35	2 23	0 1	21 23	0 21	17 1	2 25	0 57	0 38	4 41	2 3	33 19	10 41	22 57	22 54	18 29			n.a.
M 9	8 48	12 44	4 19	11 58	1 28	11 31	2 39	2 40	0 0	21 24	0 21	17 2	2 25	0 56	0 38	4 42	2 3	33 19	10 42	22 56	22 53	18 27			n.a.
T 10	8 26	7 29	4 50	12 23	1 13	11 58	2 44	2 57	0n 0	21 25	0 21	17 4	2 25	0 54	0 38	4 43	2 3	33 19	10 42	22 55	22 53	18 25			n.a.
W11	8 4	1 50	5 1	12 45	0 57	12 25	2 48	3 14	0 1	21 26	0 21	17 5	2 25	0 53	0 38	4 43	2 3	33 19	10 42	22 53	22 52	18 23			n.a.
T 12	7 42	3n48	4 51	13 6	0 41	12 52	2 52	3 31	0 2	21 27	0 21	17 6	2 25	0 52	0 38	4 44	2 3	33 19	10 42	22 52	22 52	18 21			n.a.
F 13	7 19	9 6	4 24	13 25	0 25	13 18	2 57	3 48	0 2	21 27	0 21	17 8	2 25	0 50	0 38	4 45	2 3	33 20	10 43	22 51	22 52	18 20			n.a.
S 14	6 56	13 46	3 42	13 43	0 10	13 43	3 1	4 5	0 3	21 28	0 21	17 9	2 25	0 49	0 38	4 45	2 3	33 20	10 43	22 50	22 51	18 18			n.a.
S 15	6 34	17 36	2 49	13 58	0s 5	14 9	3 5	4 22	0 4	21 29	0 20	17 10	2 24	0 48	0 38	4 46	2 3	33 20	10 43	22 49	22 51	18 16			n.a.
M16	6 11	20 27	1 49	14 10	0 19	14 34	3 9	4 39	0 4	21 30	0 20	17 12	2 24	0 46	0 38	4 47	2 4	33 20	10 44	22 49	22 50	18 14			n.a.
T 17	5 48	22 13	0 46	14 21	0 33	14 59	3 13	4 56	0 5	21 30	0 20	17 13	2 24	0 45	0 38	4 47	2 4	33 20	10 44	22 48	22 50	18 12			n.a.
W18	5 25	22 53	0s19	14 30	0 47	15 23	3 17	5 12	0 6	21 31	0 20	17 14	2 24	0 43	0 38	4 48	2 4	33 20	10 44	22 48	22 50	18 10			n.a.
T 19	5 2	22 29	1 21	14 36	0 59	15 47	3 21	5 29	0 6	21 32	0 20	17 15	2 24	0 42	0 38	4 49	2 4	33 20	10 44	22 48	22 49	18 9			n.a.
F 20	4 39	21 4	2 19	14 40	1 11	16 10	3 25	5 46	0 7	21 32	0 20	17 16	2 24	0 41	0 38	4 49	2 4	33 20	10 45	22 48	22 49	18 7			n.a.
S 21	4 16	18 45	3 11	14 42	1 22	16 33	3 28	6 2	0 7	21 33	0 20	17 18	2 24	0 39	0 38	4 50	2 4	33 21	10 45	22 48	22 49	18 5			n.a.
S 22	3 53	15 38	3 55	14 42	1 33	16 56	3 32	6 19	0 8	21 33	0 20	17 19	2 24	0 38	0 38	4 51	2 4	33 21	10 45	22 47	22 48	18 3			n.a.
M23	3 30	11 52	4 29	14 39	1 43	17 18	3 35	6 35	0 9	21 34	0 20	17 20	2 24	0 36	0 38	4 51	2 4	33 21	10 46	22 46	22 48	18 1			n.a.
T 24	3 6	7 36	4 51	14 35	1 52	17 40	3 39	6 52	0 9	21 34	0 20	17 21	2 24	0 35	0 38	4 52	2 4	33 21	10 46	22 44	22 47	17 59			n.a.
W25	2 43	2 58	5 0	14 28	2 1	18 1	3 42	7 8	0 10	21 35	0 20	17 22	2 24	0 34	0 38	4 53	2 4	33 21	10 46	22 43	22 47	17 57			n.a.
T 26	2 20	1s52	4 55	14 19	2 8	18 22	3 46	7 24	0 10	21 35	0 20	17 23	2 24	0 32	0 38	4 53	2 4	33 21	10 46	22 41	22 47	17 55			n.a.
F 27	1 57	6 41	4 36	14 8	2 15	18 42	3 49	7 40	0 11	21 36	0 20	17 24	2 24	0 31	0 38	4 54	2 4	33 22	10 47	22 39	22 46	17 54			n.a.
S 28	1 33	11 17	4 2	13 56	2 22	19 2	3 52	7 56	0 12	21 36	0 19	17 25	2 23	0 29	0 38	4 55	2 4	33 22	10 47	22 38	22 46	17 52			n.a.
S 29	1 10	15 27	3 14	13 41	2 28	19 21	3 55	8 12	0 12	21 36	0 19	17 26	2 23	0 28	0 38	4 55	2 4	33 22	10 47	22 37	22 45	17 50			n.a.
M30	0 46	18 53	2 16	13 24	2 32	19 40	3 58	8 28	0 13	21 37	0 19	17 27	2 23	0 27	0 38	4 56	2 4	33 22	10 48	22 36	22 45	17 48			n.a.
T 31	0s23	21s22	1s 9	13s 6	2s37	19n58	4n 0	8n44	0n13	21s37	0n19	17n28	2n23	0s25	0s38	4n57	2n 4	33s22	10s48	22s36	22s45	17n46			n.a.

Julian Day Number = 1293409.5, Delta T = 07h57m05s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°15'01, Lahiri = -20°08'01 Julian Calendar 1 March 1172 BCE == Greg. Calendar 18 Feb. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

APRIL 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 53 47	0♈ 0'30	12♐33	3♓49	14♉21	22♈13	7♐35	19°R30	0♈27	22°R24	17♑27	11°D59	13♐ 2	26♋26	n.a.	W 1
T 2	11 57 43	0°58'16	26°24	4°56	15° 9	22°53	7°36	19♌27	0°30	22♏22	17°28	12°R 0	12°58	26°33	n.a.	T 2
F 3	12 1 40	1°56'00	10♑27	6° 6	15°57	23°33	7°37	19°24	0°34	22°20	17°28	11♐59	12°55	26°40	n.a.	F 3
S 4	12 5 37	2°53'43	24°42	7°19	16°44	24°13	7°37	19°21	0°37	22°19	17°29	11°58	12°52	26°46	n.a.	S 4
S 5	12 9 33	3°51'25	9♒ 7	8°34	17°30	24°53	7°37	19°19	0°41	22°17	17°30	11°54	12°49	26°53	n.a.	S 5
M 6	12 13 30	4°49'06	23°38	9°52	18°16	25°33	7°R38	19°16	0°44	22°16	17°30	11°47	12°46	27° 0	n.a.	M 6
T 7	12 17 26	5°46'46	8♓ 9	11°12	19° 0	26°14	7°37	19°14	0°48	22°14	17°31	11°39	12°42	27° 6	n.a.	T 7
W 8	12 21 23	6°44'24	22°36	12°34	19°43	26°54	7°37	19°11	0°51	22°12	17°31	11°29	12°39	27°13	n.a.	W 8
T 9	12 25 19	7°42'00	6♈51	13°59	20°26	27°34	7°37	19° 9	0°54	22°11	17°32	11°19	12°36	27°20	n.a.	T 9
F 10	12 29 16	8°39'36	20°48	15°26	21° 7	28°14	7°36	19° 7	0°58	22° 9	17°32	11°10	12°33	27°26	n.a.	F 10
S 11	12 33 12	9°37'10	4♉23	16°56	21°48	28°54	7°35	19° 5	1° 1	22° 8	17°33	11° 3	12°30	27°33	n.a.	S 11
S 12	12 37 9	10°34'42	17°35	18°27	22°27	29°33	7°34	19° 3	1° 5	22° 6	17°33	10°58	12°27	27°40	n.a.	S 12
M13	12 41 5	11°32'14	0♊24	20° 2	23° 5	0♉13	7°33	19° 1	1° 8	22° 5	17°34	10°56	12°23	27°46	n.a.	M13
T 14	12 45 2	12°29'43	12°53	21°38	23°42	0°53	7°31	18°59	1°12	22° 3	17°34	10°D55	12°20	27°53	n.a.	T 14
W15	12 48 59	13°27'11	25° 5	23°16	24°18	1°33	7°29	18°57	1°15	22° 2	17°34	10°56	12°17	28° 0	n.a.	W15
T 16	12 52 55	14°24'38	7♋ 4	24°57	24°53	2°13	7°28	18°55	1°18	22° 0	17°35	10°57	12°14	28° 6	n.a.	T 16
F 17	12 56 52	15°22'04	18°57	26°40	25°26	2°53	7°26	18°54	1°22	21°59	17°35	10°R57	12°11	28°13	n.a.	F 17
S 18	13 0 48	16°19'27	0♌47	28°26	25°57	3°32	7°23	18°52	1°25	21°57	17°35	10°55	12° 8	28°20	n.a.	S 18
S 19	13 4 45	17°16'50	12°41	0♈13	26°28	4°12	7°21	18°51	1°28	21°56	17°35	10°52	12° 4	28°26	n.a.	S 19
M20	13 8 41	18°14'11	24°42	2° 3	26°57	4°52	7°19	18°50	1°32	21°54	17°36	10°47	12° 1	28°33	n.a.	M20
T 21	13 12 38	19°11'31	6♏55	3°55	27°24	5°31	7°16	18°49	1°35	21°53	17°36	10°40	11°58	28°40	n.a.	T 21
W22	13 16 34	20° 8'49	19°21	5°49	27°49	6°11	7°13	18°47	1°38	21°52	17°36	10°32	11°55	28°47	n.a.	W22
T 23	13 20 31	21° 6'06	2♎ 4	7°45	28°13	6°50	7°10	18°46	1°42	21°50	17°36	10°23	11°52	28°53	n.a.	T 23
F 24	13 24 28	22° 3'23	15° 3	9°43	28°36	7°30	7° 6	18°46	1°45	21°49	17°36	10°15	11°48	29° 0	n.a.	F 24
S 25	13 28 24	23° 0'38	28°17	11°44	28°56	8°10	7° 3	18°45	1°48	21°48	17°37	10° 8	11°45	29° 7	n.a.	S 25
S 26	13 32 21	23°57'53	11♏45	13°46	29°15	8°49	6°59	18°44	1°52	21°46	17°37	10° 3	11°42	29°13	n.a.	S 26
M27	13 36 17	24°55'06	25°26	15°50	29°32	9°29	6°56	18°43	1°55	21°45	17°37	10° 0	11°39	29°20	n.a.	M27
T 28	13 40 14	25°52'20	9♐16	17°56	29°46	10° 8	6°52	18°43	1°58	21°44	17°37	9°D59	11°36	29°27	n.a.	T 28
W29	13 44 10	26°49'32	23°14	20° 3	29°59	10°47	6°48	18°42	2° 1	21°42	17°R37	9°59	11°33	29°33	n.a.	W29
T 30	13 48 7	27♈46'44	7♑18	22♈11	0♊10	11♉27	6♐43	18♌42	2♈ 5	21♏41	17♑37	10♐ 1	11♐29	29♋40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n 0	22s37	0n 3	12s45	2s40	20n16	4n 3	9n 0	0n14	21s37	0n19	17n28	2n23	0s24	0s38	4n57	2n 4	33s23	10s48	22s36	22s44	17n44		n.a.
T 2	0 24	22 31	1 16	12 23	2 43	20 33	4 6	9 16	0 15	21 37	0 19	17 29	2 23	0 23	0 38	4 58	2 4	33 23	10 49	22 36	22 44	17 42		n.a.
F 3	0 47	21 0	2 25	11 59	2 46	20 50	4 8	9 32	0 15	21 38	0 19	17 30	2 23	0 21	0 38	4 58	2 4	33 23	10 49	22 36	22 43	17 40		n.a.
S 4	1 10	18 9	3 26	11 33	2 47	21 6	4 10	9 47	0 16	21 38	0 19	17 31	2 23	0 20	0 38	4 59	2 4	33 23	10 49	22 36	22 43	17 38		n.a.
S 5	1 33	14 10	4 15	11 5	2 48	21 21	4 12	10 3	0 16	21 38	0 19	17 31	2 23	0 18	0 38	5 0	2 4	33 23	10 50	22 35	22 42	17 37		n.a.
M 6	1 57	9 20	4 48	10 35	2 48	21 36	4 14	10 18	0 17	21 38	0 19	17 32	2 22	0 17	0 38	5 0	2 4	33 24	10 50	22 34	22 42	17 35		n.a.
T 7	2 20	3 59	5 2	10 4	2 48	21 51	4 16	10 33	0 17	21 38	0 19	17 33	2 22	0 16	0 38	5 1	2 4	33 24	10 50	22 33	22 42	17 33		n.a.
W 8	2 43	1n33	4 57	9 31	2 47	22 5	4 17	10 49	0 18	21 38	0 19	17 33	2 22	0 14	0 38	5 2	2 4	33 24	10 51	22 32	22 41	17 31		n.a.
T 9	3 6	6 56	4 34	8 56	2 45	22 18	4 19	11 4	0 19	21 38	0 18	17 34	2 22	0 13	0 38	5 2	2 4	33 24	10 51	22 30	22 41	17 29		n.a.
F 10	3 29	11 51	3 54	8 20	2 43	22 30	4 20	11 19	0 19	21 38	0 18	17 35	2 22	0 11	0 38	5 3	2 3	33 25	10 51	22 29	22 40	17 27		n.a.
S 11	3 52	16 2	3 2	7 42	2 40	22 42	4 21	11 34	0 20	21 38	0 18	17 35	2 22	0 10	0 38	5 3	2 3	33 25	10 51	22 28	22 40	17 25		n.a.
S 12	4 15	19 18	2 1	7 2	2 37	22 54	4 22	11 49	0 20	21 38	0 18	17 36	2 22	0 9	0 38	5 4	2 3	33 25	10 52	22 27	22 40	17 23		n.a.
M13	4 38	21 29	0 56	6 21	2 33	23 4	4 22	12 4	0 21	21 38	0 18	17 36	2 21	0 7	0 38	5 5	2 3	33 25	10 52	22 27	22 39	17 21		n.a.
T 14	5 1	22 33	0s11	5 38	2 29	23 14	4 23	12 18	0 21	21 38	0 18	17 37	2 21	0 6	0 38	5 5	2 3	33 26	10 52	22 27	22 39	17 19		n.a.
W15	5 24	22 29	1 15	4 54	2 23	23 24	4 23	12 33	0 22	21 37	0 18	17 37	2 21	0 4	0 38	5 6	2 3	33 26	10 53	22 27	22 38	17 17		n.a.
T 16	5 46	21 23	2 16	4 8	2 18	23 32	4 23	12 47	0 22	21 37	0 18	17 37	2 21	0 3	0 38	5 6	2 3	33 26	10 53	22 27	22 38	17 15		n.a.
F 17	6 9	19 21	3 9	3 21	2 12	23 40	4 23	13 2	0 23	21 37	0 18	17 38	2 21	0 2	0 38	5 7	2 3	33 26	10 53	22 27	22 37	17 14		n.a.
S 18	6 31	16 29	3 55	2 32	2 5	23 48	4 22	13 16	0 24	21 37	0 18	17 38	2 21	0 0	0 38	5 7	2 3	33 27	10 54	22 27	22 37	17 12		n.a.
S 19	6 54	12 57	4 31	1 42	1 57	23 54	4 21	13 30	0 24	21 36	0 18	17 38	2 20	0n 1	0 38	5 8	2 3	33 27	10 54	22 27	22 37	17 10		n.a.
M20	7 16	8 53	4 55	0 51	1 50	24 0	4 20	13 44	0 25	21 36	0 17	17 39	2 20	0 2	0 38	5 9	2 3	33 27	10 54	22 26	22 36	17 8		n.a.
T 21	7 38	4 23	5 6	0n 2	1 42	24 6	4 19	13 58	0 25	21 36	0 17	17 39	2 20	0 4	0 38	5 9	2 3	33 28	10 55	22 25	22 36	17 6		n.a.
W22	8 0	0s21	5 3	0 56	1 33	24 10	4 17	14 12	0 26	21 35	0 17	17 39	2 20	0 5	0 38	5 10	2 3	33 28	10 55	22 24	22 35	17 4		n.a.
T 23	8 22	5 11	4 45	1 51	1 24	24 14	4 15	14 26	0 26	21 35	0 17	17 39	2 20	0 6	0 38	5 10	2 3	33 28	10 55	22 22	22 35	17 2		n.a.
F 24	8 44	9 53	4 12	2 47	1 14	24 17	4 13	14 40	0 27	21 35	0 17	17 39	2 20	0 8	0 38	5 11	2 3	33 29	10 56	22 21	22 34	17 0		n.a.
S 25	9 5	14 14	3 26	3 43	1 5	24 19	4 10	14 53	0 27	21 34	0 17	17 39	2 19	0 9	0 38	5 11	2 3	33 29	10 56	22 20	22 34	16 58		n.a.
S 26	9 27	17 56	2 26	4 41	0 55	24 20	4 7	15 7	0 28	21 34	0 17	17 39	2 19	0 10	0 38	5 12	2 3	33 29	10 56	22 19	22 34	16 56		n.a.
M27	9 48	20 42	1 18	5 39	0 44	24 21	4 4	15 20	0 28	21 33	0 17	17 40	2 19	0 12	0 38	5 12	2 3	33 29	10 57	22 19	22 33	16 54		n.a.
T 28	10 9	22 16	0 4	6 38	0 34	24 20	4 0	15 33	0 29	21 32	0 17	17 40	2 19	0 13	0 38	5 13	2 3	33 30	10 57	22 19	22 33	16 52		n.a.
W29	10 30	22 28	1n11	7 36	0 23	24 19	3 56	15 46	0 29	21 32	0 16	17 39	2 19	0 14	0 38	5 13	2 3	33 30	10 57	22 19	22 32	16 50		n.a.
T 30	10n51	21s15	2n23	8n35	0s12	24n17	3n51	15n59	0n30	21s31	0n16	17n39	2n19	0n16	0s38	5n14	2n 3	33s30	10s58	22s19	22s32	16n48		n.a.

Julian Day Number = 1293440.5, Delta T = 07h57m03s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'57, Lahiri = -20°07'56 Julian Calendar 1 Apr. 1172 BCE == Greg. Calendar 21 March 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

MAY 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 52 4	28♈43'56	21♋26	24♈21	0♊19	12♉ 6	6°R39	18°R42	2♈ 8	21°R40	17°R37	10♐ 2	11♐26	29♋47	n.a.	F 1
S 2	13 56 0	29°41'07	5♒38	26°32	0°25	12°45	6♐34	18♌42	2°11	21♍39	17♋37	10°R 2	11°23	29°53	n.a.	S 2
S 3	13 59 57	0♉38'18	19°50	28°43	0°29	13°25	6°29	18°D42	2°14	21°38	17°37	10° 0	11°20	0♌ 0	n.a.	S 3
M 4	14 3 53	1°35'28	4♓ 2	0♉54	0°R31	14° 4	6°25	18°42	2°17	21°36	17°36	9°57	11°17	0° 7	n.a.	M 4
T 5	14 7 50	2°32'38	18° 9	3° 6	0°31	14°43	6°19	18°42	2°20	21°35	17°36	9°53	11°13	0°14	n.a.	T 5
W 6	14 11 46	3°29'47	2♈ 8	5°17	0°28	15°23	6°14	18°42	2°23	21°34	17°36	9°47	11°10	0°20	n.a.	W 6
T 7	14 15 43	4°26'56	15°56	7°28	0°23	16° 2	6° 9	18°43	2°26	21°33	17°36	9°42	11° 7	0°27	n.a.	T 7
F 8	14 19 39	5°24'05	29°30	9°39	0°16	16°41	6° 3	18°43	2°29	21°32	17°36	9°37	11° 4	0°34	n.a.	F 8
S 9	14 23 36	6°21'13	12♉46	11°48	0° 6	17°20	5°58	18°44	2°32	21°31	17°36	9°33	11° 1	0°40	n.a.	S 9
S 10	14 27 33	7°18'21	25°45	13°56	29♉54	17°59	5°52	18°45	2°35	21°30	17°35	9°31	10°58	0°47	n.a.	S 10
M11	14 31 29	8°15'29	8♊25	16° 3	29°40	18°38	5°46	18°45	2°38	21°29	17°35	9°D30	10°54	0°54	n.a.	M11
T 12	14 35 26	9°12'36	20°49	18° 8	29°23	19°18	5°40	18°46	2°41	21°28	17°35	9°30	10°51	1° 0	n.a.	T 12
W13	14 39 22	10° 9'42	2♋59	20°12	29° 4	19°57	5°34	18°47	2°44	21°27	17°34	9°32	10°48	1° 7	n.a.	W13
T 14	14 43 19	11° 6'48	14°58	22°14	28°42	20°36	5°28	18°48	2°47	21°26	17°34	9°33	10°45	1°14	n.a.	T 14
F 15	14 47 15	12° 3'53	26°51	24°14	28°19	21°15	5°21	18°49	2°50	21°25	17°34	9°35	10°42	1°20	n.a.	F 15
S 16	14 51 12	13° 0'58	8♌43	26°12	27°53	21°54	5°15	18°51	2°53	21°24	17°33	9°R36	10°39	1°27	n.a.	S 16
S 17	14 55 8	13°58'02	20°37	28° 8	27°25	22°33	5° 8	18°52	2°56	21°23	17°33	9°36	10°35	1°34	n.a.	S 17
M18	14 59 5	14°55'06	2♍40	0♊ 2	26°56	23°12	5° 1	18°54	2°58	21°23	17°32	9°34	10°32	1°41	n.a.	M18
T 19	15 3 2	15°52'09	14°55	1°54	26°25	23°51	4°54	18°55	3° 1	21°22	17°32	9°32	10°29	1°47	n.a.	T 19
W20	15 6 58	16°49'12	27°26	3°43	25°52	24°30	4°48	18°57	3° 4	21°21	17°31	9°29	10°26	1°54	n.a.	W20
T 21	15 10 55	17°46'15	10♎15	5°31	25°18	25° 8	4°41	18°59	3° 7	21°20	17°31	9°26	10°23	2° 1	n.a.	T 21
F 22	15 14 51	18°43'18	23°25	7°16	24°43	25°47	4°34	19° 0	3° 9	21°20	17°30	9°23	10°19	2° 7	n.a.	F 22
S 23	15 18 48	19°40'20	6♏56	9° 0	24° 7	26°26	4°26	19° 2	3°12	21°19	17°30	9°21	10°16	2°14	n.a.	S 23
S 24	15 22 44	20°37'23	20°45	10°41	23°30	27° 5	4°19	19° 4	3°14	21°18	17°29	9°19	10°13	2°21	n.a.	S 24
M25	15 26 41	21°34'25	4♐49	12°20	22°52	27°44	4°12	19° 7	3°17	21°18	17°29	9°D18	10°10	2°27	n.a.	M25
T 26	15 30 38	22°31'28	19° 6	13°57	22°15	28°23	4° 4	19° 9	3°19	21°17	17°28	9°18	10° 7	2°34	n.a.	T 26
W27	15 34 34	23°28'31	3♋30	15°31	21°37	29° 1	3°57	19°11	3°22	21°16	17°27	9°19	10° 4	2°41	n.a.	W27
T 28	15 38 31	24°25'35	17°56	17° 4	21° 0	29°40	3°50	19°14	3°24	21°16	17°27	9°20	10° 0	2°47	n.a.	T 28
F 29	15 42 27	25°22'39	2♒20	18°34	20°24	0♊19	3°42	19°16	3°27	21°15	17°26	9°21	9°57	2°54	n.a.	F 29
S 30	15 46 24	26°19'43	16°39	20° 2	19°48	0°58	3°34	19°19	3°29	21°15	17°25	9°22	9°54	3° 1	n.a.	S 30
S 31	15 50 20	27♉16'48	0♓50	21♊28	19♉13	1♊36	3♐27	19♌21	3♈32	21♍14	17♋25	9°R22	9♐51	3♌ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n12	18s42	3n26	9n34	0s 2	24n14	3n46	16n12	0n30	21s31	0n16	17n39	2n18	0n17	0s38	5n14	2n 3	33s31	10s58	22s19	22s31	16n46		n.a.
S 2	11 33	15 2	4 16	10 32	0n 9	24 10	3 41	16 25	0 31	21 30	0 16	17 39	2 18	0 18	0 38	5 15	2 3	33 31	10 58	22 19	22 31	16 44		n.a.
S 3	11 53	10 30	4 52	11 30	0 19	24 6	3 35	16 37	0 31	21 29	0 16	17 39	2 18	0 19	0 38	5 15	2 3	33 31	10 59	22 19	22 30	16 42		n.a.
M 4	12 13	5 24	5 9	12 26	0 30	24 0	3 29	16 50	0 32	21 28	0 16	17 39	2 18	0 21	0 38	5 15	2 3	33 32	10 59	22 19	22 30	16 40		n.a.
T 5	12 33	0 4	5 7	13 22	0 40	23 53	3 22	17 2	0 32	21 28	0 16	17 39	2 18	0 22	0 38	5 16	2 3	33 32	10 59	22 18	22 30	16 38		n.a.
W 6	12 53	5n15	4 47	14 16	0 49	23 46	3 15	17 14	0 33	21 27	0 16	17 38	2 17	0 23	0 38	5 16	2 3	33 32	11 0	22 17	22 29	16 36		n.a.
T 7	13 13	10 13	4 11	15 9	0 58	23 37	3 8	17 26	0 33	21 26	0 16	17 38	2 17	0 24	0 38	5 17	2 3	33 33	11 0	22 16	22 29	16 34		n.a.
F 8	13 32	14 36	3 21	16 0	1 7	23 28	2 59	17 38	0 34	21 25	0 15	17 38	2 17	0 25	0 38	5 17	2 3	33 33	11 0	22 15	22 28	16 32		n.a.
S 9	13 52	18 9	2 21	16 49	1 15	23 17	2 51	17 50	0 34	21 24	0 15	17 37	2 17	0 27	0 38	5 17	2 3	33 33	11 1	22 15	22 28	16 30		n.a.
S 10	14 11	20 43	1 15	17 36	1 23	23 6	2 42	18 2	0 35	21 23	0 15	17 37	2 17	0 28	0 38	5 18	2 3	33 34	11 1	22 14	22 27	16 28		n.a.
M11	14 29	22 10	0 6	18 21	1 30	22 53	2 32	18 13	0 35	21 23	0 15	17 36	2 17	0 29	0 38	5 18	2 2	33 34	11 1	22 14	22 27	16 26		n.a.
T 12	14 48	22 29	1s 2	19 3	1 36	22 40	2 22	18 24	0 36	21 22	0 15	17 36	2 16	0 30	0 38	5 18	2 2	33 35	11 2	22 14	22 26	16 24		n.a.
W13	15 6	21 43	2 5	19 43	1 42	22 25	2 12	18 36	0 36	21 21	0 15	17 36	2 16	0 31	0 38	5 19	2 2	33 35	11 2	22 15	22 26	16 22		n.a.
T 14	15 25	19 57	3 2	20 21	1 47	22 9	2 1	18 47	0 37	21 20	0 15	17 35	2 16	0 33	0 38	5 19	2 2	33 35	11 2	22 15	22 26	16 20		n.a.
F 15	15 42	17 21	3 51	20 56	1 52	21 53	1 49	18 58	0 37	21 19	0 14	17 34	2 16	0 34	0 38	5 19	2 2	33 36	11 2	22 15	22 25	16 18		n.a.
S 16	16 0	14 2	4 30	21 29	1 55	21 36	1 37	19 9	0 37	21 18	0 14	17 34	2 16	0 35	0 38	5 20	2 2	33 36	11 3	22 15	22 25	16 16		n.a.
S 17	16 17	10 10	4 57	21 59	1 58	21 17	1 25	19 19	0 38	21 16	0 14	17 33	2 15	0 36	0 38	5 20	2 2	33 36	11 3	22 15	22 24	16 14		n.a.
M18	16 35	5 51	5 12	22 27	2 1	20 58	1 13	19 30	0 38	21 15	0 14	17 33	2 15	0 37	0 38	5 20	2 2	33 37	11 3	22 15	22 24	16 12		n.a.
T 19	16 52	1 14	5 13	22 53	2 2	20 38	1 0	19 40	0 39	21 14	0 14	17 32	2 15	0 38	0 38	5 21	2 2	33 37	11 4	22 15	22 23	16 10		n.a.
W20	17 8	3s31	4 59	23 16	2 3	20 17	0 46	19 50	0 39	21 13	0 14	17 31	2 15	0 39	0 38	5 21	2 2	33 37	11 4	22 14	22 23	16 8		n.a.
T 21	17 25	8 15	4 30	23 36	2 4	19 56	0 33	20 0	0 40	21 12	0 14	17 31	2 15	0 40	0 38	5 21	2 2	33 38	11 4	22 14	22 22	16 6		n.a.
F 22	17 41	12 44	3 47	23 54	2 3	19 34	0 19	20 10	0 40	21 11	0 13	17 30	2 15	0 41	0 38	5 21	2 2	33 38	11 5	22 13	22 22	16 4		n.a.
S 23	17 56	16 42	2 49	24 10	2 2	19 12	0 5	20 20	0 41	21 10	0 13	17 29	2 14	0 42	0 38	5 22	2 2	33 39	11 5	22 13	22 21	16 2		n.a.
S 24	18 12	19 51	1 41	24 24	2 1	18 49	0s 9	20 30	0 41	21 8	0 13	17 28	2 14	0 43	0 38	5 22	2 2	33 39	11 5	22 13	22 21	16 0		n.a.
M25	18 27	21 51	0 25	24 36	1 58	18 26	0 23	20 39	0 42	21 7	0 13	17 27	2 14	0 44	0 38	5 22	2 2	33 39	11 5	22 13	22 20	15 58		n.a.
T 26	18 42	22 29	0n54	24 45	1 55	18 3	0 37	20 48	0 42	21 6	0 13	17 26	2 14	0 45	0 38	5 22	2 2	33 40	11 6	22 13	22 20	15 56		n.a.
W27	18 57	21 37	2 10	24 53	1 52	17 39	0 50	20 58	0 42	21 5	0 13	17 25	2 14	0 46	0 38	5 22	2 2	33 40	11 6	22 13	22 19	15 54		n.a.
T 28	19 11	19 21	3 18	24 59	1 48	17 16	1 4	21 7	0 43	21 3	0 13	17 25	2 13	0 47	0 38	5 22	2 2	33 40	11 6	22 13	22 19	15 52		n.a.
F 29	19 25	15 52	4 13	25 3	1 43	16 53	1 18	21 15	0 43	21 2	0 12	17 24	2 13	0 48	0 38	5 23	2 2	33 41	11 7	22 13	22 19	15 50		n.a.
S 30	19 39	11 28	4 52	25 5	1 38	16 31	1 31	21 24	0 44	21 1	0 12	17 23	2 13	0 49	0 38	5 23	2 1	33 41	11 7	22 13	22 18	15 48		n.a.
S 31	19n52	6s29	5n13	25n 5	1n32	16n 9	1s44	21n33	0n44	21s 0	0n12	17n22	2n13	0n50	0s38	5n23	2n 1	33s42	11s 7	22s13	22s18	15n46		n.a.

Julian Day Number = 1293470.5, Delta T = 07h57m02s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'53, Lahiri = -20°07'52 Julian Calendar 1 May 1172 BCE == Greg. Calendar 20 Apr. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

JUNE 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 54 17	28♉13'53	14♓50	22♊51	18°R39	2♊15	3°R19	19♌24	3♈34	21°R14	17°R24	9°R22	9♐48	3♌14	n.a.	M 1
T 2	15 58 13	29°10'59	28°39	24°12	18♉ 6	2°54	3♐12	19°27	3°36	21♍14	17♑23	9♐21	9°45	3°21	n.a.	T 2
W 3	16 2 10	0♊ 8'06	12♈15	25°31	17°35	3°32	3° 4	19°30	3°38	21°13	17°22	9°20	9°41	3°28	n.a.	W 3
T 4	16 6 7	1° 5'13	25°38	26°48	17° 6	4°11	2°56	19°33	3°41	21°13	17°22	9°19	9°38	3°34	n.a.	T 4
F 5	16 10 3	2° 2'21	8♉46	28° 2	16°39	4°50	2°48	19°36	3°43	21°13	17°21	9°18	9°35	3°41	n.a.	F 5
S 6	16 14 0	2°59'30	21°40	29°13	16°13	5°28	2°41	19°39	3°45	21°12	17°20	9°17	9°32	3°48	n.a.	S 6
S 7	16 17 56	3°56'39	4♊20	0♋22	15°50	6° 7	2°33	19°43	3°47	21°12	17°19	9°D17	9°29	3°54	n.a.	S 7
M 8	16 21 53	4°53'49	16°47	1°28	15°29	6°46	2°25	19°46	3°49	21°12	17°18	9°17	9°25	4° 1	n.a.	M 8
T 9	16 25 49	5°50'59	29° 2	2°32	15°10	7°24	2°18	19°49	3°51	21°12	17°17	9°17	9°22	4° 8	n.a.	T 9
W10	16 29 46	6°48'10	11♋ 6	3°33	14°53	8° 3	2°10	19°53	3°53	21°12	17°16	9°17	9°19	4°15	n.a.	W10
T 11	16 33 43	7°45'21	23° 3	4°30	14°39	8°41	2° 2	19°57	3°55	21°12	17°15	9°18	9°16	4°21	n.a.	T 11
F 12	16 37 39	8°42'33	4♌55	5°25	14°27	9°20	1°55	20° 0	3°57	21°12	17°14	9°18	9°13	4°28	n.a.	F 12
S 13	16 41 36	9°39'45	16°46	6°16	14°18	9°58	1°47	20° 4	3°59	21°12	17°13	9°R18	9°10	4°35	n.a.	S 13
S 14	16 45 32	10°36'58	28°40	7° 4	14°10	10°37	1°39	20° 8	4° 1	21°D12	17°12	9°18	9° 6	4°41	n.a.	S 14
M15	16 49 29	11°34'11	10♍42	7°49	14° 6	11°15	1°32	20°12	4° 2	21°12	17°11	9°D18	9° 3	4°48	n.a.	M15
T 16	16 53 25	12°31'25	22°55	8°30	14° 3	11°54	1°24	20°16	4° 4	21°12	17°10	9°18	9° 0	4°55	n.a.	T 16
W17	16 57 22	13°28'39	5♎25	9° 7	14°D 3	12°32	1°17	20°20	4° 6	21°12	17° 9	9°18	8°57	5° 1	n.a.	W17
T 18	17 1 18	14°25'54	18°15	9°40	14° 5	13°11	1°10	20°24	4° 8	21°12	17° 8	9°18	8°54	5° 8	n.a.	T 18
F 19	17 5 15	15°23'09	1♏28	10° 9	14° 9	13°49	1° 2	20°29	4° 9	21°12	17° 7	9°19	8°51	5°15	n.a.	F 19
S 20	17 9 12	16°20'26	15° 6	10°34	14°16	14°28	0°55	20°33	4°11	21°12	17° 6	9°19	8°47	5°22	n.a.	S 20
S 21	17 13 8	17°17'43	29° 7	10°55	14°25	15° 6	0°48	20°37	4°12	21°12	17° 5	9°20	8°44	5°28	n.a.	S 21
M22	17 17 5	18°15'01	13♐30	11°10	14°36	15°44	0°41	20°42	4°14	21°13	17° 4	9°R20	8°41	5°35	n.a.	M22
T 23	17 21 1	19°12'20	28°10	11°21	14°49	16°23	0°34	20°46	4°15	21°13	17° 3	9°20	8°38	5°42	n.a.	T 23
W24	17 24 58	20° 9'41	12♑59	11°27	15° 4	17° 1	0°27	20°51	4°16	21°13	17° 2	9°19	8°35	5°48	n.a.	W24
T 25	17 28 54	21° 7'02	27°51	11°R28	15°20	17°40	0°20	20°56	4°18	21°14	17° 1	9°17	8°31	5°55	n.a.	T 25
F 26	17 32 51	22° 4'25	12♒38	11°23	15°39	18°18	0°14	21° 1	4°19	21°14	17° 0	9°16	8°28	6° 2	n.a.	F 26
S 27	17 36 47	23° 1'49	27°13	11°14	16° 0	18°56	0° 7	21° 5	4°20	21°14	16°58	9°15	8°25	6° 8	n.a.	S 27
S 28	17 40 44	23°59'14	11♓32	10°59	16°22	19°35	0° 1	21°10	4°21	21°15	16°57	9°14	8°22	6°15	n.a.	S 28
M29	17 44 41	24°56'41	25°32	10°38	16°46	20°13	29♏54	21°15	4°23	21°15	16°56	9°D13	8°19	6°22	n.a.	M29
T 30	17 48 37	25♊54'10	9♈12	10♋13	17♉12	20♊51	29♏48	21♌20	4♈24	21♍16	16♑55	9♐14	8♐16	6♌29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 6	1s14	5n15	25n 4	1n26	15n47	1s57	21n41	0n45	20s58	0n12	17n20	2n13	0n51	0s39	5n23	2n 1	33s42	11s 7	22s13	22s17	15n44		n.a.
T 2	20 18	4n 1	4 59	25 1	1 19	15 26	2 10	21 49	0 45	20 57	0 12	17 19	2 13	0 52	0 39	5 23	2 1	33 42	11 8	22 13	22 17	15 42		n.a.
W 3	20 31	8 59	4 26	24 57	1 12	15 6	2 22	21 57	0 45	20 56	0 12	17 18	2 12	0 53	0 39	5 23	2 1	33 43	11 8	22 13	22 16	15 40		n.a.
T 4	20 43	13 27	3 39	24 51	1 4	14 46	2 33	22 5	0 46	20 54	0 11	17 17	2 12	0 54	0 39	5 23	2 1	33 43	11 8	22 13	22 16	15 38		n.a.
F 5	20 55	17 12	2 41	24 45	0 55	14 28	2 45	22 12	0 46	20 53	0 11	17 16	2 12	0 55	0 39	5 23	2 1	33 43	11 8	22 12	22 15	15 36		n.a.
S 6	21 6	20 1	1 36	24 36	0 47	14 10	2 55	22 20	0 47	20 51	0 11	17 15	2 12	0 56	0 39	5 23	2 1	33 44	11 9	22 12	22 15	15 34		n.a.
S 7	21 17	21 48	0 27	24 27	0 37	13 53	3 6	22 27	0 47	20 50	0 11	17 14	2 12	0 56	0 39	5 23	2 1	33 44	11 9	22 12	22 14	15 31		n.a.
M 8	21 28	22 29	0s42	24 17	0 28	13 38	3 15	22 34	0 47	20 49	0 11	17 12	2 12	0 57	0 39	5 23	2 1	33 45	11 9	22 12	22 14	15 29		n.a.
T 9	21 38	22 2	1 47	24 6	0 17	13 24	3 25	22 41	0 48	20 47	0 11	17 11	2 11	0 58	0 39	5 23	2 1	33 45	11 9	22 12	22 13	15 27		n.a.
W10	21 48	20 35	2 48	23 54	0 7	13 11	3 33	22 48	0 48	20 46	0 10	17 10	2 11	0 59	0 39	5 23	2 1	33 45	11 10	22 12	22 13	15 25		n.a.
T 11	21 58	18 13	3 40	23 41	0s 4	12 58	3 41	22 55	0 49	20 44	0 10	17 8	2 11	0 59	0 39	5 23	2 1	33 46	11 10	22 12	22 12	15 23		n.a.
F 12	22 7	15 7	4 22	23 28	0 16	12 48	3 49	23 1	0 49	20 43	0 10	17 7	2 11	1 0	0 39	5 23	2 1	33 46	11 10	22 12	22 12	15 21		n.a.
S 13	22 16	11 25	4 53	23 14	0 27	12 38	3 56	23 8	0 49	20 42	0 10	17 6	2 11	1 1	0 39	5 23	2 1	33 46	11 10	22 13	22 11	15 19		n.a.
S 14	22 24	7 16	5 12	22 59	0 39	12 29	4 3	23 14	0 50	20 40	0 10	17 4	2 11	1 2	0 39	5 23	2 1	33 47	11 11	22 12	22 11	15 17		n.a.
M15	22 32	2 48	5 17	22 44	0 52	12 22	4 9	23 20	0 50	20 39	0 10	17 3	2 10	1 2	0 39	5 23	2 0	33 47	11 11	22 12	22 10	15 15		n.a.
T 16	22 40	1s51	5 8	22 29	1 4	12 16	4 15	23 25	0 51	20 38	0 9	17 1	2 10	1 3	0 39	5 23	2 0	33 47	11 11	22 12	22 10	15 13		n.a.
W17	22 47	6 32	4 45	22 14	1 17	12 11	4 20	23 31	0 51	20 36	0 9	17 0	2 10	1 4	0 39	5 23	2 0	33 48	11 11	22 13	22 9	15 11		n.a.
T 18	22 54	11 4	4 7	21 58	1 30	12 7	4 25	23 36	0 51	20 35	0 9	16 58	2 10	1 4	0 39	5 23	2 0	33 48	11 12	22 13	22 9	15 9		n.a.
F 19	23 1	15 13	3 15	21 43	1 44	12 4	4 29	23 41	0 52	20 34	0 9	16 57	2 10	1 5	0 39	5 23	2 0	33 49	11 12	22 13	22 8	15 7		n.a.
S 20	23 7	18 42	2 10	21 27	1 57	12 3	4 33	23 46	0 52	20 32	0 9	16 55	2 10	1 6	0 39	5 23	2 0	33 49	11 12	22 13	22 8	15 4		n.a.
S 21	23 13	21 12	0 56	21 12	2 11	12 2	4 36	23 51	0 52	20 31	0 9	16 54	2 10	1 6	0 39	5 23	2 0	33 49	11 12	22 13	22 7	15 2		n.a.
M22	23 18	22 25	0n23	20 58	2 24	12 2	4 39	23 56	0 53	20 30	0 8	16 52	2 9	1 7	0 39	5 22	2 0	33 50	11 12	22 13	22 7	15 0		n.a.
T 23	23 23	22 7	1 42	20 43	2 38	12 4	4 42	24 0	0 53	20 28	0 8	16 50	2 9	1 7	0 39	5 22	2 0	33 50	11 13	22 13	22 6	14 58		n.a.
W24	23 28	20 16	2 56	20 29	2 51	12 6	4 44	24 5	0 54	20 27	0 8	16 49	2 9	1 8	0 39	5 22	2 0	33 50	11 13	22 13	22 6	14 56		n.a.
T 25	23 32	17 3	3 57	20 16	3 4	12 9	4 46	24 9	0 54	20 26	0 8	16 47	2 9	1 8	0 39	5 22	2 0	33 51	11 13	22 12	22 5	14 54		n.a.
F 26	23 35	12 46	4 43	20 4	3 17	12 13	4 47	24 13	0 54	20 24	0 8	16 45	2 9	1 9	0 39	5 22	2 0	33 51	11 13	22 12	22 5	14 52		n.a.
S 27	23 39	7 48	5 9	19 53	3 29	12 18	4 49	24 16	0 55	20 23	0 8	16 44	2 9	1 9	0 39	5 21	2 0	33 51	11 13	22 12	22 4	14 50		n.a.
S 28	23 42	2 30	5 16	19 42	3 41	12 23	4 50	24 20	0 55	20 22	0 7	16 42	2 9	1 10	0 39	5 21	2 0	33 52	11 13	22 12	22 4	14 48		n.a.
M29	23 44	2n50	5 4	19 33	3 52	12 29	4 50	24 23	0 55	20 21	0 7	16 40	2 8	1 10	0 39	5 21	2 0	33 52	11 14	22 12	22 3	14 46		n.a.
T 30	23n46	7n53	4n34	19n25	4s 2	12n36	4s51	24n26	0n56	20s20	0n 7	16n38	2n 8	1n11	0s39	5n21	2n 0	33s52	11s14	22s12	22s 3	14n43		n.a.

Julian Day Number = 1293501.5, Delta T = 07h57m00s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'49, Lahiri = -20°07'48 Julian Calendar 1 June 1172 BCE == Greg. Calendar 21 May 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

JULY 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 52 34	26♊51'40	22♈33	9°R43	17♉39	21♊30	29°R42	21♌25	4°♈25	21♍16	16°R54	9♐15	8♐12	6♌35	n.a.	W 1
T 2	17 56 30	27°49'11	5♉37	9♋ 8	18° 8	22° 8	29♏36	21°31	4°26	21°17	16♑52	9°16	8° 9	6°42	n.a.	T 2
F 3	18 0 27	28°46'45	18°25	8°29	18°39	22°46	29°30	21°36	4°27	21°18	16°51	9°17	8° 6	6°49	n.a.	F 3
S 4	18 4 23	29°44'19	0♊59	7°47	19°10	23°25	29°24	21°41	4°28	21°18	16°50	9°18	8° 3	6°55	n.a.	S 4
S 5	18 8 20	0♋41'56	13°21	7° 1	19°44	24° 3	29°19	21°47	4°28	21°19	16°49	9°R19	8° 0	7° 2	n.a.	S 5
M 6	18 12 16	1°39'33	25°34	6°13	20°18	24°41	29°13	21°52	4°29	21°20	16°47	9°18	7°57	7° 9	n.a.	M 6
T 7	18 16 13	2°37'13	7♋38	5°23	20°54	25°19	29° 8	21°58	4°30	21°20	16°46	9°16	7°53	7°15	n.a.	T 7
W 8	18 20 10	3°34'53	19°36	4°33	21°31	25°58	29° 3	22° 3	4°31	21°21	16°45	9°12	7°50	7°22	n.a.	W 8
T 9	18 24 6	4°32'36	1♌29	3°43	22° 9	26°36	28°58	22° 9	4°31	21°22	16°44	9° 8	7°47	7°29	n.a.	T 9
F 10	18 28 3	5°30'19	13°20	2°55	22°48	27°14	28°53	22°14	4°32	21°23	16°42	9° 4	7°44	7°36	n.a.	F 10
S 11	18 31 59	6°28'04	25°11	2° 8	23°28	27°52	28°48	22°20	4°33	21°23	16°41	9° 0	7°41	7°42	n.a.	S 11
S 12	18 35 56	7°25'50	7♍ 4	1°25	24°10	28°31	28°44	22°26	4°33	21°24	16°40	8°56	7°37	7°49	n.a.	S 12
M13	18 39 52	8°23'37	19° 5	0°46	24°52	29° 9	28°39	22°32	4°34	21°25	16°39	8°53	7°34	7°56	n.a.	M13
T 14	18 43 49	9°21'26	1♎16	0°12	25°35	29°47	28°35	22°38	4°34	21°26	16°37	8°51	7°31	8° 2	n.a.	T 14
W15	18 47 45	10°19'16	13°42	29♊44	26°20	0♋25	28°31	22°43	4°34	21°27	16°36	8°D51	7°28	8° 9	n.a.	W15
T 16	18 51 42	11°17'08	26°27	29°22	27° 5	1° 3	28°27	22°49	4°35	21°28	16°35	8°52	7°25	8°16	n.a.	T 16
F 17	18 55 39	12°15'01	9♏36	29° 7	27°51	1°42	28°23	22°55	4°35	21°29	16°33	8°53	7°22	8°23	n.a.	F 17
S 18	18 59 35	13°12'55	23°10	29°D 0	28°38	2°20	28°20	23° 2	4°35	21°30	16°32	8°55	7°18	8°29	n.a.	S 18
S 19	19 3 32	14°10'51	7♐13	29° 1	29°26	2°58	28°17	23° 8	4°35	21°31	16°31	8°R56	7°15	8°36	n.a.	S 19
M20	19 7 28	15° 8'49	21°42	29° 9	0♊14	3°36	28°13	23°14	4°35	21°33	16°30	8°55	7°12	8°43	n.a.	M20
T 21	19 11 25	16° 6'48	6♑33	29°26	1° 4	4°14	28°10	23°20	4°35	21°34	16°28	8°53	7° 9	8°49	n.a.	T 21
W22	19 15 21	17° 4'49	21°39	29°51	1°54	4°53	28° 8	23°26	4°R35	21°35	16°27	8°49	7° 6	8°56	n.a.	W22
T 23	19 19 18	18° 2'52	6♒52	0♋23	2°44	5°31	28° 5	23°33	4°35	21°36	16°26	8°44	7° 2	9° 3	n.a.	T 23
F 24	19 23 15	19° 0'57	22° 0	1° 4	3°36	6° 9	28° 2	23°39	4°35	21°37	16°24	8°38	6°59	9°10	n.a.	F 24
S 25	19 27 11	19°59'03	6♓55	1°53	4°28	6°47	28° 0	23°45	4°35	21°39	16°23	8°32	6°56	9°16	n.a.	S 25
S 26	19 31 8	20°57'12	21°29	2°49	5°21	7°25	27°58	23°52	4°35	21°40	16°22	8°28	6°53	9°23	n.a.	S 26
M27	19 35 4	21°55'23	5♈37	3°52	6°14	8° 3	27°56	23°58	4°35	21°41	16°20	8°25	6°50	9°30	n.a.	M27
T 28	19 39 1	22°53'36	19°19	5° 1	7° 8	8°42	27°55	24° 5	4°35	21°42	16°19	8°D23	6°47	9°36	n.a.	T 28
W29	19 42 57	23°51'51	2♉35	6°17	8° 3	9°20	27°53	24°11	4°34	21°44	16°18	8°24	6°43	9°43	n.a.	W29
T 30	19 46 54	24°50'09	15°29	7°39	8°58	9°58	27°52	24°18	4°34	21°45	16°17	8°25	6°40	9°50	n.a.	T 30
F 31	19 50 50	25♋48'29	28♉ 5	9♋ 6	9♊53	10♋36	27♏51	24♌25	4°♈33	21♍47	16♑15	8♐26	6♐37	9♌56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n48	12n28	3n50	19n18	4s11	12n44	4s51	24n29	0n56	20s18	0n 7	16n37	2n 8	1n11	0s39	5n20	1n59	33s53	11s14	22s12	22s 2	14n41			n.a.
T 2	23 49	16 22	2 55	19 12	4 19	12 52	4 50	24 32	0 56	20 17	0 7	16 35	2 8	1 11	0 39	5 20	1 59	33 53	11 14	22 12	22 2	14 39			n.a.
F 3	23 50	19 24	1 53	19 8	4 25	13 1	4 50	24 35	0 57	20 16	0 7	16 33	2 8	1 12	0 39	5 20	1 59	33 53	11 14	22 12	22 1	14 37			n.a.
S 4	23 50	21 26	0 46	19 6	4 31	13 10	4 49	24 37	0 57	20 15	0 6	16 31	2 8	1 12	0 39	5 19	1 59	33 53	11 14	22 13	22 1	14 35			n.a.
S 5	23 50	22 24	0s22	19 5	4 34	13 20	4 48	24 39	0 58	20 14	0 6	16 29	2 8	1 12	0 39	5 19	1 59	33 54	11 14	22 13	22 0	14 33			n.a.
M 6	23 49	22 17	1 28	19 5	4 36	13 30	4 47	24 41	0 58	20 13	0 6	16 27	2 8	1 13	0 39	5 19	1 59	33 54	11 15	22 12	22 0	14 31			n.a.
T 7	23 48	21 7	2 30	19 7	4 36	13 41	4 46	24 43	0 58	20 12	0 6	16 25	2 7	1 13	0 39	5 18	1 59	33 54	11 15	22 12	21 59	14 29			n.a.
W 8	23 47	19 1	3 24	19 11	4 34	13 52	4 44	24 45	0 59	20 11	0 6	16 23	2 7	1 13	0 39	5 18	1 59	33 55	11 15	22 12	21 59	14 26			n.a.
T 9	23 45	16 7	4 8	19 16	4 31	14 3	4 42	24 46	0 59	20 10	0 6	16 22	2 7	1 13	0 39	5 18	1 59	33 55	11 15	22 11	21 58	14 24			n.a.
F 10	23 43	12 35	4 42	19 23	4 25	14 15	4 41	24 47	0 59	20 9	0 5	16 20	2 7	1 14	0 40	5 17	1 59	33 55	11 15	22 10	21 57	14 22			n.a.
S 11	23 40	8 34	5 4	19 31	4 18	14 27	4 38	24 48	1 0	20 8	0 5	16 18	2 7	1 14	0 40	5 17	1 59	33 56	11 15	22 10	21 57	14 20			n.a.
S 12	23 37	4 14	5 13	19 41	4 9	14 40	4 36	24 49	1 0	20 7	0 5	16 16	2 7	1 14	0 40	5 17	1 59	33 56	11 15	22 9	21 56	14 18			n.a.
M13	23 34	0s19	5 8	19 52	3 58	14 52	4 34	24 50	1 0	20 7	0 5	16 13	2 7	1 14	0 40	5 16	1 59	33 56	11 15	22 9	21 56	14 16			n.a.
T 14	23 30	4 55	4 49	20 4	3 46	15 5	4 31	24 51	1 1	20 6	0 5	16 11	2 7	1 14	0 40	5 16	1 59	33 56	11 15	22 8	21 55	14 14			n.a.
W15	23 25	9 25	4 17	20 17	3 33	15 18	4 28	24 51	1 1	20 5	0 5	16 9	2 7	1 14	0 40	5 15	1 59	33 57	11 16	22 8	21 55	14 12			n.a.
T 16	23 21	13 39	3 31	20 32	3 18	15 31	4 25	24 51	1 1	20 4	0 4	16 7	2 7	1 15	0 40	5 15	1 59	33 57	11 16	22 8	21 54	14 9			n.a.
F 17	23 15	17 20	2 33	20 47	3 3	15 45	4 22	24 51	1 2	20 4	0 4	16 5	2 6	1 15	0 40	5 14	1 58	33 57	11 16	22 9	21 54	14 7			n.a.
S 18	23 10	20 14	1 25	21 3	2 46	15 58	4 19	24 51	1 2	20 3	0 4	16 3	2 6	1 15	0 40	5 14	1 58	33 57	11 16	22 9	21 53	14 5			n.a.
S 19	23 4	22 2	0 9	21 20	2 30	16 12	4 16	24 50	1 2	20 2	0 4	16 1	2 6	1 15	0 40	5 13	1 58	33 58	11 16	22 9	21 53	14 3			n.a.
M20	22 57	22 25	1n 9	21 37	2 13	16 25	4 13	24 49	1 2	20 2	0 4	15 59	2 6	1 15	0 40	5 13	1 58	33 58	11 16	22 9	21 52	14 1			n.a.
T 21	22 51	21 16	2 25	21 54	1 55	16 39	4 9	24 49	1 3	20 1	0 4	15 57	2 6	1 15	0 40	5 12	1 58	33 58	11 16	22 9	21 52	13 59			n.a.
W22	22 43	18 35	3 31	22 12	1 38	16 52	4 5	24 48	1 3	20 1	0 3	15 54	2 6	1 15	0 40	5 12	1 58	33 58	11 16	22 8	21 51	13 57			n.a.
T 23	22 36	14 37	4 23	22 29	1 21	17 6	4 2	24 46	1 3	20 0	0 3	15 52	2 6	1 15	0 40	5 11	1 58	33 58	11 16	22 7	21 51	13 54			n.a.
F 24	22 28	9 44	4 57	22 45	1 4	17 20	3 58	24 45	1 4	20 0	0 3	15 50	2 6	1 15	0 40	5 11	1 58	33 59	11 16	22 6	21 50	13 52			n.a.
S 25	22 19	4 20	5 10	23 1	0 48	17 33	3 54	24 43	1 4	20 0	0 3	15 48	2 6	1 15	0 40	5 10	1 58	33 59	11 16	22 5	21 50	13 50			n.a.
S 26	22 10	1n11	5 2	23 16	0 32	17 46	3 50	24 41	1 4	19 59	0 3	15 46	2 6	1 14	0 40	5 10	1 58	33 59	11 16	22 5	21 49	13 48			n.a.
M27	22 1	6 28	4 36	23 30	0 17	18 0	3 46	24 39	1 5	19 59	0 3	15 43	2 6	1 14	0 40	5 9	1 58	33 59	11 16	22 4	21 48	13 46			n.a.
T 28	21 51	11 17	3 54	23 42	0 2	18 13	3 42	24 37	1 5	19 59	0 2	15 41	2 6	1 14	0 40	5 8	1 58	33 59	11 16	22 4	21 48	13 44			n.a.
W29	21 41	15 24	3 2	23 53	0n12	18 26	3 37	24 35	1 5	19 59	0 2	15 39	2 6	1 14	0 40	5 8	1 58	34 0	11 16	22 4	21 47	13 41			n.a.
T 30	21 31	18 40	2 1	24 1	0 25	18 39	3 33	24 32	1 5	19 58	0 2	15 36	2 6	1 14	0 40	5 7	1 58	34 0	11 16	22 4	21 47	13 39			n.a.
F 31	21n20	20n58	0n56	24n 8	0n37	18n51	3s29	24n30	1n 6	19s58	0n 2	15n34	2n 6	1n14	0s40	5n 7	1n58	34s 0	11s16	22s 4	21s46	13n37			n.a.

Julian Day Number = 1293531.5, Delta T = 07h56m58s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'44, Lahiri = -20°07'44 Julian Calendar 1 July 1172 BCE == Greg. Calendar 20 June 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

AUGUST 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 47	26♋46'51	10♊25	10♋38	10♊50	11♋14	27°R50	24♌31	4°R33	21♍48	16°R14	8°R26	6♐34	10♌ 3	n.a.	S 1
S 2	19 58 43	27°45'15	22°35	12°14	11°46	11°52	27♏49	24°38	4♈32	21°50	16♑13	8♐25	6°31	10°10	n.a.	S 2
M 3	20 2 40	28°43'42	4♋36	13°53	12°44	12°31	27°48	24°45	4°32	21°51	16°11	8°22	6°28	10°17	n.a.	M 3
T 4	20 6 37	29°42'10	16°32	15°36	13°41	13° 9	27°48	24°52	4°31	21°53	16°10	8°16	6°24	10°23	n.a.	T 4
W 5	20 10 33	0♌40'41	28°24	17°21	14°39	13°47	27°D48	24°58	4°30	21°54	16° 9	8° 8	6°21	10°30	n.a.	W 5
T 6	20 14 30	1°39'13	10♌15	19° 9	15°38	14°25	27°48	25° 5	4°30	21°56	16° 8	7°59	6°18	10°37	n.a.	T 6
F 7	20 18 26	2°37'48	22° 7	20°58	16°37	15° 3	27°48	25°12	4°29	21°57	16° 6	7°48	6°15	10°43	n.a.	F 7
S 8	20 22 23	3°36'25	3♍59	22°48	17°36	15°41	27°49	25°19	4°28	21°59	16° 5	7°37	6°12	10°50	n.a.	S 8
S 9	20 26 19	4°35'03	15°56	24°40	18°36	16°19	27°49	25°26	4°27	22° 1	16° 4	7°28	6° 8	10°57	n.a.	S 9
M10	20 30 16	5°33'44	27°58	26°32	19°37	16°58	27°50	25°33	4°26	22° 2	16° 3	7°20	6° 5	11° 4	n.a.	M10
T 11	20 34 12	6°32'26	10♎10	28°24	20°37	17°36	27°51	25°40	4°25	22° 4	16° 2	7°14	6° 2	11°10	n.a.	T 11
W12	20 38 9	7°31'10	22°34	0♌17	21°38	18°14	27°52	25°47	4°24	22° 6	16° 0	7°10	5°59	11°17	n.a.	W12
T 13	20 42 5	8°29'56	5♏15	2° 9	22°40	18°52	27°54	25°54	4°23	22° 7	15°59	7°D 9	5°56	11°24	n.a.	T 13
F 14	20 46 2	9°28'44	18°16	4° 2	23°41	19°30	27°55	26° 1	4°22	22° 9	15°58	7° 9	5°53	11°30	n.a.	F 14
S 15	20 49 59	10°27'34	1♐42	5°53	24°43	20° 8	27°57	26° 8	4°21	22°11	15°57	7°R10	5°49	11°37	n.a.	S 15
S 16	20 53 55	11°26'26	15°36	7°45	25°46	20°46	27°59	26°15	4°20	22°13	15°56	7°10	5°46	11°44	n.a.	S 16
M17	20 57 52	12°25'20	29°57	9°35	26°48	21°24	28° 1	26°22	4°19	22°14	15°55	7° 8	5°43	11°51	n.a.	M17
T 18	21 1 48	13°24'15	14♑45	11°25	27°52	22° 3	28° 3	26°29	4°17	22°16	15°53	7° 4	5°40	11°57	n.a.	T 18
W19	21 5 45	14°23'13	29°52	13°15	28°55	22°41	28° 6	26°36	4°16	22°18	15°52	6°57	5°37	12° 4	n.a.	W19
T 20	21 9 41	15°22'13	15♒12	15° 3	29°59	23°19	28° 9	26°43	4°15	22°20	15°51	6°48	5°34	12°11	n.a.	T 20
F 21	21 13 38	16°21'14	0♓31	16°51	1♋ 3	23°57	28°11	26°51	4°13	22°22	15°50	6°37	5°30	12°17	n.a.	F 21
S 22	21 17 34	17°20'18	15°39	18°37	2° 7	24°35	28°15	26°58	4°12	22°24	15°49	6°27	5°27	12°24	n.a.	S 22
S 23	21 21 31	18°19'25	0♈26	20°23	3°11	25°13	28°18	27° 5	4°10	22°26	15°48	6°19	5°24	12°31	n.a.	S 23
M24	21 25 28	19°18'33	14°46	22° 8	4°16	25°51	28°21	27°12	4° 9	22°28	15°47	6°12	5°21	12°38	n.a.	M24
T 25	21 29 24	20°17'44	28°36	23°53	5°21	26°29	28°25	27°19	4° 7	22°30	15°46	6° 8	5°18	12°44	n.a.	T 25
W26	21 33 21	21°16'58	11♉56	25°36	6°27	27° 7	28°29	27°26	4° 6	22°32	15°45	6° 6	5°14	12°51	n.a.	W26
T 27	21 37 17	22°16'14	24°50	27°18	7°32	27°46	28°33	27°34	4° 4	22°34	15°44	6°D 6	5°11	12°58	n.a.	T 27
F 28	21 41 14	23°15'33	7♊22	29° 0	8°38	28°24	28°37	27°41	4° 2	22°36	15°43	6°R 6	5° 8	13° 4	n.a.	F 28
S 29	21 45 10	24°14'54	19°37	0♍41	9°44	29° 2	28°41	27°48	4° 1	22°38	15°42	6° 6	5° 5	13°11	n.a.	S 29
S 30	21 49 7	25°14'18	1♋40	2°21	10°51	29°40	28°46	27°55	3°59	22°40	15°41	6° 3	5° 2	13°18	n.a.	S 30
M31	21 53 3	26♌13'44	13♋36	4♍ 0	11♋57	0♌18	28♏50	28♌ 3	3♈57	22♍42	15♑40	5♐58	4♐59	13♌25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n 9	22n12	0s11	24n12	0n48	19n 4	3s24	24n27	1n 6	19s58	0n 2	15n32	2n 5	1n13	0s40	5n 6	1n58	34s 0	11s16	22s 4	21s46	13n35		n.a.	S 1
S 2	20 57	22 22	1 16	24 14	0 58	19 16	3 20	24 24	1 6	19 58	0 2	15 29	2 5	1 13	0 40	5 5	1 58	34 0	11 16	22 4	21 45	13 33		n.a.	S 2
M 3	20 45	21 29	2 16	24 13	1 8	19 28	3 15	24 20	1 7	19 58	0 1	15 27	2 5	1 13	0 40	5 5	1 58	34 1	11 16	22 4	21 45	13 31		n.a.	M 3
T 4	20 33	19 39	3 10	24 10	1 16	19 40	3 11	24 17	1 7	19 58	0 1	15 25	2 5	1 13	0 40	5 4	1 58	34 1	11 16	22 3	21 44	13 28		n.a.	T 4
W 5	20 20	16 59	3 55	24 4	1 23	19 51	3 6	24 13	1 7	19 58	0 1	15 22	2 5	1 12	0 40	5 3	1 57	34 1	11 16	22 2	21 43	13 26		n.a.	W 5
T 6	20 7	13 38	4 30	23 55	1 30	20 2	3 2	24 9	1 7	19 59	0 1	15 20	2 5	1 12	0 40	5 3	1 57	34 1	11 16	22 0	21 43	13 24		n.a.	T 6
F 7	19 54	9 45	4 53	23 44	1 35	20 13	2 57	24 5	1 8	19 59	0 1	15 18	2 5	1 12	0 40	5 2	1 57	34 1	11 16	21 58	21 42	13 22		n.a.	F 7
S 8	19 40	5 30	5 4	23 30	1 39	20 23	2 52	24 1	1 8	19 59	0 1	15 15	2 5	1 11	0 40	5 1	1 57	34 1	11 16	21 56	21 42	13 20		n.a.	S 8
S 9	19 26	1 1	5 1	23 14	1 43	20 33	2 47	23 57	1 8	19 59	0 1	15 13	2 5	1 11	0 40	5 1	1 57	34 1	11 16	21 55	21 41	13 17		n.a.	S 9
M10	19 11	3s32	4 45	22 55	1 46	20 43	2 43	23 52	1 9	20 0	0 0	15 10	2 5	1 11	0 40	5 0	1 57	34 1	11 16	21 53	21 41	13 15		n.a.	M10
T 11	18 57	8 0	4 16	22 35	1 48	20 52	2 38	23 48	1 9	20 0	0 0	15 8	2 5	1 10	0 40	4 59	1 57	34 2	11 16	21 52	21 40	13 13		n.a.	T 11
W12	18 42	12 14	3 35	22 12	1 49	21 1	2 33	23 43	1 9	20 0	0 0	15 6	2 5	1 10	0 40	4 59	1 57	34 2	11 16	21 52	21 40	13 11		n.a.	W12
T 13	18 26	16 1	2 42	21 47	1 50	21 10	2 28	23 38	1 9	20 1	0 0	15 3	2 5	1 9	0 40	4 58	1 57	34 2	11 16	21 52	21 39	13 9		n.a.	T 13
F 14	18 10	19 8	1 39	21 20	1 50	21 18	2 23	23 32	1 10	20 1	0s 0	15 1	2 5	1 9	0 40	4 57	1 57	34 2	11 16	21 52	21 38	13 7		n.a.	F 14
S 15	17 54	21 19	0 29	20 52	1 49	21 25	2 18	23 27	1 10	20 2	0 0	14 58	2 5	1 8	0 40	4 56	1 57	34 2	11 16	21 52	21 38	13 4		n.a.	S 15
S 16	17 38	22 18	0n45	20 22	1 48	21 33	2 13	23 21	1 10	20 3	0 0	14 56	2 5	1 8	0 41	4 56	1 57	34 2	11 16	21 52	21 37	13 2		n.a.	S 16
M17	17 21	21 52	1 58	19 51	1 46	21 39	2 8	23 15	1 10	20 3	0 1	14 53	2 5	1 7	0 41	4 55	1 57	34 2	11 15	21 52	21 37	13 0		n.a.	M17
T 18	17 4	19 56	3 6	19 18	1 44	21 45	2 3	23 9	1 11	20 4	0 1	14 51	2 5	1 7	0 41	4 54	1 57	34 2	11 15	21 51	21 36	12 58		n.a.	T 18
W19	16 47	16 34	4 2	18 44	1 41	21 51	1 59	23 3	1 11	20 5	0 1	14 48	2 5	1 6	0 41	4 53	1 57	34 2	11 15	21 50	21 36	12 56		n.a.	W19
T 20	16 29	12 4	4 41	18 9	1 38	21 56	1 54	22 57	1 11	20 5	0 1	14 46	2 5	1 6	0 41	4 52	1 57	34 2	11 15	21 48	21 35	12 53		n.a.	T 20
F 21	16 12	6 48	5 0	17 32	1 34	22 1	1 49	22 51	1 11	20 6	0 1	14 43	2 5	1 5	0 41	4 52	1 57	34 2	11 15	21 46	21 34	12 51		n.a.	F 21
S 22	15 54	1 11	4 58	16 55	1 30	22 5	1 44	22 44	1 12	20 7	0 1	14 41	2 5	1 4	0 41	4 51	1 57	34 2	11 15	21 45	21 34	12 49		n.a.	S 22
S 23	15 35	4n23	4 36	16 17	1 26	22 9	1 39	22 37	1 12	20 8	0 1	14 38	2 5	1 4	0 41	4 50	1 57	34 2	11 15	21 43	21 33	12 47		n.a.	S 23
M24	15 16	9 32	3 57	15 39	1 22	22 12	1 34	22 30	1 12	20 9	0 2	14 36	2 5	1 3	0 41	4 49	1 57	34 2	11 15	21 42	21 33	12 45		n.a.	M24
T 25	14 58	14 1	3 5	14 59	1 17	22 14	1 29	22 23	1 12	20 10	0 2	14 33	2 5	1 3	0 41	4 48	1 57	34 2	11 15	21 41	21 32	12 42		n.a.	T 25
W26	14 38	17 38	2 4	14 19	1 12	22 16	1 24	22 16	1 13	20 11	0 2	14 31	2 5	1 2	0 41	4 48	1 57	34 2	11 15	21 41	21 32	12 40		n.a.	W26
T 27	14 19	20 15	0 59	13 39	1 6	22 18	1 19	22 8	1 13	20 12	0 2	14 28	2 5	1 1	0 41	4 47	1 57	34 2	11 14	21 41	21 31	12 38		n.a.	T 27
F 28	13 59	21 47	0s 7	12 58	1 1	22 18	1 15	22 1	1 13	20 13	0 2	14 26	2 5	1 0	0 41	4 46	1 57	34 2	11 14	21 41	21 30	12 36		n.a.	F 28
S 29	13 39	22 14	1 11	12 16	0 55	22 19	1 10	21 53	1 13	20 14	0 2	14 23	2 5	1 0	0 41	4 45	1 57	34 2	11 14	21 41	21 30	12 34		n.a.	S 29
S 30	13 19	21 38	2 11	11 34	0 49	22 18	1 5	21 45	1 14	20 15	0 2	14 21	2 5	0 59	0 41	4 44	1 57	34 2	11 14	21 40	21 29	12 31		n.a.	S 30
M31	12n59	20n 4	3s 4	10n52	0n43	22n17	1s 0	21n37	1n14	20s16	0s 2	14n18	2n 5	0n58	0s41	4n43	1n57	34s 2	11s14	21s39	21s29	12n29		n.a.	M31

Julian Day Number = 1293562.5, Delta T = 07h56m57s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'40, Lahiri = -20°07'40 Julian Calendar 1 Aug. 1172 BCE == Greg. Calendar 21 July 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

SEPTEMBER 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 57 0	27♌13'12	25♋27	5♍39	13♋ 4	0♌56	28♏55	28♌10	3°R55	22♍44	15°R39	5°R50	4♐55	13♌31	n.a.	T 1
W 2	22 0 56	28°12'43	7♌17	7°16	14°11	1°34	29° 0	28°17	3♈53	22°46	15♑38	5♐39	4°52	13°38	n.a.	W 2
T 3	22 4 53	29°12'16	19° 8	8°53	15°19	2°13	29° 6	28°24	3°51	22°48	15°37	5°26	4°49	13°45	n.a.	T 3
F 4	22 8 50	0♍11'51	1♍ 3	10°30	16°26	2°51	29°11	28°32	3°49	22°50	15°36	5°11	4°46	13°51	n.a.	F 4
S 5	22 12 46	1°11'29	13° 1	12° 5	17°34	3°29	29°16	28°39	3°47	22°52	15°36	4°57	4°43	13°58	n.a.	S 5
S 6	22 16 43	2°11'08	25° 5	13°40	18°42	4° 7	29°22	28°46	3°45	22°54	15°35	4°43	4°40	14° 5	n.a.	S 6
M 7	22 20 39	3°10'49	7♎15	15°14	19°50	4°45	29°28	28°53	3°43	22°56	15°34	4°32	4°36	14°12	n.a.	M 7
T 8	22 24 36	4°10'33	19°34	16°48	20°58	5°23	29°34	29° 1	3°41	22°59	15°33	4°23	4°33	14°18	n.a.	T 8
W 9	22 28 32	5°10'18	2♏ 3	18°21	22° 7	6° 1	29°40	29° 8	3°39	23° 1	15°32	4°17	4°30	14°25	n.a.	W 9
T 10	22 32 29	6°10'06	14°46	19°53	23°15	6°40	29°47	29°15	3°37	23° 3	15°32	4°14	4°27	14°32	n.a.	T 10
F 11	22 36 25	7° 9'55	27°45	21°24	24°24	7°18	29°53	29°22	3°35	23° 5	15°31	4°14	4°24	14°38	n.a.	F 11
S 12	22 40 22	8° 9'46	11♐ 4	22°55	25°33	7°56	29°59	29°29	3°33	23° 7	15°30	4°14	4°20	14°45	n.a.	S 12
S 13	22 44 18	9° 9'39	24°47	24°26	26°42	8°34	0♐ 7	29°37	3°31	23° 9	15°30	4°13	4°17	14°52	n.a.	S 13
M14	22 48 15	10° 9'34	8♑55	25°55	27°52	9°12	0°14	29°44	3°28	23°12	15°29	4°11	4°14	14°59	n.a.	M14
T 15	22 52 12	11° 9'30	23°27	27°24	29° 1	9°50	0°21	29°51	3°26	23°14	15°28	4° 6	4°11	15° 5	n.a.	T 15
W16	22 56 8	12° 9'29	8♒20	28°53	0♌11	10°28	0°28	29°58	3°24	23°16	15°28	3°59	4° 8	15°12	n.a.	W16
T 17	23 0 5	13° 9'29	23°27	0♎20	1°21	11° 7	0°36	0♍ 5	3°22	23°18	15°27	3°49	4° 5	15°19	n.a.	T 17
F 18	23 4 1	14° 9'31	8♓39	1°47	2°31	11°45	0°43	0°12	3°19	23°21	15°26	3°38	4° 1	15°25	n.a.	F 18
S 19	23 7 58	15° 9'35	23°46	3°14	3°41	12°23	0°51	0°19	3°17	23°23	15°26	3°26	3°58	15°32	n.a.	S 19
S 20	23 11 54	16° 9'41	8♈35	4°39	4°51	13° 1	0°59	0°26	3°15	23°25	15°25	3°16	3°55	15°39	n.a.	S 20
M21	23 15 51	17° 9'49	23° 1	6° 4	6° 2	13°39	1° 7	0°33	3°12	23°27	15°25	3° 9	3°52	15°46	n.a.	M21
T 22	23 19 47	18° 9'59	6♉58	7°28	7°12	14°17	1°15	0°40	3°10	23°29	15°24	3° 4	3°49	15°52	n.a.	T 22
W23	23 23 44	19°10'12	20°26	8°51	8°23	14°56	1°23	0°47	3° 8	23°32	15°24	3° 1	3°45	15°59	n.a.	W23
T 24	23 27 41	20°10'27	3♊25	10°14	9°34	15°34	1°32	0°54	3° 5	23°34	15°24	3°D 1	3°42	16° 6	n.a.	T 24
F 25	23 31 37	21°10'44	16° 1	11°35	10°45	16°12	1°40	1° 1	3° 3	23°36	15°23	3°R 1	3°39	16°12	n.a.	F 25
S 26	23 35 34	22°11'03	28°18	12°56	11°56	16°50	1°49	1° 8	3° 0	23°38	15°23	3° 1	3°36	16°19	n.a.	S 26
S 27	23 39 30	23°11'25	10♋20	14°15	13° 7	17°28	1°58	1°15	2°58	23°41	15°22	2°59	3°33	16°26	n.a.	S 27
M28	23 43 27	24°11'48	22°15	15°33	14°19	18° 6	2° 7	1°22	2°55	23°43	15°22	2°56	3°30	16°33	n.a.	M28
T 29	23 47 23	25°12'14	4♌ 5	16°50	15°30	18°45	2°16	1°29	2°53	23°45	15°22	2°49	3°26	16°39	n.a.	T 29
W30	23 51 20	26♍12'41	15♌55	18♎ 5	16♌42	19♌23	2♐25	1♍36	2♈50	23♍47	15♑22	2♐40	3♐23	16♌46	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n38	17n39	3s49	10n10	0n37	22n16	0s55	21n29	1n14	20s17	0s 3	14n16	2n 5	0n58	0s41	4n43	1n57	34s 2	11s14	21s38	21s28	12n27		n.a.
W 2	12 17	14 30	4 24	9 27	0 30	22 13	0 51	21 21	1 14	20 19	0 3	14 13	2 5	0 57	0 41	4 42	1 57	34 2	11 14	21 36	21 28	12 25		n.a.
T 3	11 56	10 47	4 48	8 44	0 24	22 10	0 46	21 12	1 15	20 20	0 3	14 11	2 5	0 56	0 41	4 41	1 56	34 2	11 13	21 34	21 27	12 22		n.a.
F 4	11 35	6 38	4 59	8 1	0 17	22 7	0 42	21 3	1 15	20 21	0 3	14 8	2 5	0 55	0 41	4 40	1 56	34 2	11 13	21 31	21 26	12 20		n.a.
S 5	11 14	2 13	4 56	7 18	0 11	22 3	0 37	20 55	1 15	20 23	0 3	14 5	2 5	0 54	0 41	4 39	1 56	34 2	11 13	21 28	21 26	12 18		n.a.
S 6	10 52	2s18	4 41	6 35	0 4	21 58	0 32	20 46	1 15	20 24	0 3	14 3	2 5	0 54	0 41	4 38	1 56	34 2	11 13	21 26	21 25	12 16		n.a.
M 7	10 30	6 47	4 13	5 52	0s 3	21 53	0 28	20 36	1 15	20 25	0 3	14 0	2 6	0 53	0 41	4 37	1 56	34 2	11 13	21 24	21 25	12 14		n.a.
T 8	10 8	11 2	3 32	5 9	0 10	21 47	0 23	20 27	1 16	20 27	0 3	13 58	2 6	0 52	0 41	4 37	1 56	34 2	11 13	21 22	21 24	12 11		n.a.
W 9	9 46	14 54	2 41	4 26	0 16	21 40	0 19	20 18	1 16	20 28	0 4	13 55	2 6	0 51	0 41	4 36	1 56	34 2	11 12	21 21	21 23	12 9		n.a.
T 10	9 24	18 8	1 41	3 43	0 23	21 33	0 15	20 8	1 16	20 30	0 4	13 53	2 6	0 50	0 41	4 35	1 56	34 2	11 12	21 20	21 23	12 7		n.a.
F 11	9 1	20 32	0 34	3 0	0 30	21 25	0 10	19 59	1 16	20 31	0 4	13 50	2 6	0 49	0 41	4 34	1 56	34 2	11 12	21 20	21 22	12 5		n.a.
S 12	8 39	21 53	0n36	2 17	0 37	21 17	0 6	19 49	1 16	20 33	0 4	13 48	2 6	0 48	0 41	4 33	1 56	34 2	11 12	21 20	21 22	12 2		n.a.
S 13	8 16	21 57	1 46	1 35	0 44	21 8	0 2	19 39	1 17	20 34	0 4	13 45	2 6	0 48	0 41	4 32	1 56	34 2	11 12	21 20	21 21	12 0		n.a.
M14	7 53	20 40	2 52	0 52	0 51	20 58	0n 2	19 29	1 17	20 36	0 4	13 43	2 6	0 47	0 41	4 31	1 56	34 2	11 12	21 20	21 20	11 58		n.a.
T 15	7 30	18 0	3 49	0 10	0 58	20 48	0 6	19 19	1 17	20 38	0 4	13 40	2 6	0 46	0 41	4 30	1 56	34 1	11 11	21 19	21 20	11 56		n.a.
W16	7 7	14 7	4 31	0s32	1 4	20 37	0 10	19 8	1 17	20 39	0 4	13 38	2 6	0 45	0 41	4 29	1 56	34 1	11 11	21 17	21 19	11 54		n.a.
T 17	6 43	9 16	4 56	1 13	1 11	20 25	0 14	18 58	1 17	20 41	0 5	13 35	2 6	0 44	0 41	4 28	1 56	34 1	11 11	21 16	21 19	11 51		n.a.
F 18	6 20	3 50	4 59	1 54	1 18	20 13	0 18	18 47	1 18	20 43	0 5	13 33	2 6	0 43	0 41	4 28	1 56	34 1	11 11	21 13	21 18	11 49		n.a.
S 19	5 56	1n47	4 42	2 35	1 24	20 0	0 22	18 37	1 18	20 45	0 5	13 30	2 6	0 42	0 41	4 27	1 56	34 1	11 11	21 11	21 17	11 47		n.a.
S 20	5 33	7 13	4 6	3 16	1 31	19 47	0 26	18 26	1 18	20 46	0 5	13 28	2 6	0 41	0 41	4 26	1 56	34 1	11 10	21 9	21 17	11 45		n.a.
M21	5 9	12 6	3 15	3 56	1 37	19 33	0 29	18 15	1 18	20 48	0 5	13 25	2 7	0 40	0 41	4 25	1 56	34 1	11 10	21 8	21 16	11 42		n.a.
T 22	4 45	16 9	2 13	4 35	1 43	19 18	0 33	18 4	1 18	20 50	0 5	13 23	2 7	0 39	0 41	4 24	1 56	34 1	11 10	21 7	21 16	11 40		n.a.
W23	4 21	19 13	1 6	5 14	1 49	19 3	0 36	17 52	1 19	20 52	0 5	13 21	2 7	0 38	0 41	4 23	1 56	34 0	11 10	21 6	21 15	11 38		n.a.
T 24	3 57	21 9	0s 2	5 52	1 55	18 47	0 40	17 41	1 19	20 54	0 5	13 18	2 7	0 37	0 41	4 22	1 56	34 0	11 10	21 6	21 14	11 36		n.a.
F 25	3 33	21 57	1 9	6 30	2 1	18 31	0 43	17 30	1 19	20 55	0 5	13 16	2 7	0 36	0 41	4 21	1 56	34 0	11 9	21 6	21 14	11 33		n.a.
S 26	3 9	21 39	2 10	7 7	2 6	18 14	0 47	17 18	1 19	20 57	0 6	13 13	2 7	0 35	0 41	4 20	1 56	34 0	11 9	21 6	21 13	11 31		n.a.
S 27	2 45	20 21	3 4	7 43	2 11	17 57	0 50	17 6	1 19	20 59	0 6	13 11	2 7	0 34	0 41	4 19	1 56	34 0	11 9	21 6	21 13	11 29		n.a.
M28	2 20	18 11	3 50	8 18	2 16	17 39	0 53	16 55	1 19	21 1	0 6	13 8	2 7	0 33	0 41	4 19	1 56	34 0	11 9	21 5	21 12	11 27		n.a.
T 29	1 56	15 15	4 26	8 53	2 21	17 21	0 56	16 43	1 20	21 3	0 6	13 6	2 7	0 32	0 41	4 18	1 56	33 59	11 8	21 4	21 11	11 24		n.a.
W30	1n32	11n43	4s50	9s26	2s25	17n 2	0n59	16n31	1n20	21s 5	0s 6	13n 4	2n 8	0n31	0s41	4n17	1n56	33s59	11s 8	21s 2	21s11	11n22		n.a.

Julian Day Number = 1293593.5, Delta T = 07h56m55s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'36, Lahiri = -20°07'36 Julian Calendar 1 Sept. 1172 BCE == Greg. Calendar 21 Aug. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

OCTOBER 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 16	27♍13'11	27♌49	19♎19	17♌54	20♌ 1	2♐35	1♍43	2°R48	23♍50	15°R21	2°R29	3♐20	16♌53	n.a.	T 1
F 2	23 59 13	28°13'42	9♍48	20°31	19° 5	20°39	2°44	1°49	2♈45	23°52	15♑21	2♐16	3°17	16°59	n.a.	F 2
S 3	0 3 9	29°14'15	21°55	21°40	20°17	21°17	2°54	1°56	2°43	23°54	15°21	2° 4	3°14	17° 6	n.a.	S 3
S 4	0 7 6	0♎14'50	4♎10	22°48	21°30	21°55	3° 3	2° 3	2°40	23°56	15°21	1°52	3°11	17°13	n.a.	S 4
M 5	0 11 3	1°15'27	16°34	23°53	22°42	22°34	3°13	2° 9	2°38	23°59	15°21	1°42	3° 7	17°20	n.a.	M 5
T 6	0 14 59	2°16'05	29° 8	24°55	23°54	23°12	3°23	2°16	2°35	24° 1	15°20	1°35	3° 4	17°26	n.a.	T 6
W 7	0 18 56	3°16'45	11♏51	25°53	25° 6	23°50	3°33	2°23	2°33	24° 3	15°20	1°30	3° 1	17°33	n.a.	W 7
T 8	0 22 52	4°17'27	24°46	26°48	26°19	24°28	3°44	2°29	2°30	24° 5	15°20	1°28	2°58	17°40	n.a.	T 8
F 9	0 26 49	5°18'10	7♐54	27°39	27°31	25° 6	3°54	2°36	2°28	24° 8	15°20	1°D28	2°55	17°46	n.a.	F 9
S 10	0 30 45	6°18'54	21°17	28°25	28°44	25°45	4° 4	2°42	2°26	24°10	15°D20	1°29	2°51	17°53	n.a.	S 10
S 11	0 34 42	7°19'39	4♑57	29° 6	29°57	26°23	4°15	2°48	2°23	24°12	15°20	1°R30	2°48	18° 0	n.a.	S 11
M12	0 38 38	8°20'26	18°54	29°41	1♍10	27° 1	4°25	2°55	2°21	24°14	15°20	1°29	2°45	18° 7	n.a.	M12
T 13	0 42 35	9°21'13	3♒ 9	0♏ 9	2°23	27°39	4°36	3° 1	2°18	24°16	15°20	1°27	2°42	18°13	n.a.	T 13
W14	0 46 32	10°22'02	17°41	0°30	3°36	28°17	4°47	3° 7	2°16	24°19	15°20	1°22	2°39	18°20	n.a.	W14
T 15	0 50 28	11°22'52	2♓24	0°43	4°49	28°55	4°58	3°14	2°13	24°21	15°21	1°16	2°36	18°27	n.a.	T 15
F 16	0 54 25	12°23'43	17°13	0°R47	6° 2	29°33	5° 9	3°20	2°11	24°23	15°21	1° 8	2°32	18°34	n.a.	F 16
S 17	0 58 21	13°24'36	1♈59	0°41	7°15	0♍12	5°20	3°26	2° 8	24°25	15°21	1° 0	2°29	18°40	n.a.	S 17
S 18	1 2 18	14°25'29	16°35	0°25	8°28	0°50	5°31	3°32	2° 6	24°27	15°21	0°53	2°26	18°47	n.a.	S 18
M19	1 6 14	15°26'24	0♉52	29♎58	9°42	1°28	5°43	3°38	2° 3	24°29	15°21	0°47	2°23	18°54	n.a.	M19
T 20	1 10 11	16°27'20	14°47	29°20	10°55	2° 6	5°54	3°44	2° 1	24°31	15°22	0°44	2°20	19° 0	n.a.	T 20
W21	1 14 7	17°28'18	28°16	28°32	12° 9	2°44	6° 6	3°50	1°59	24°34	15°22	0°D43	2°16	19° 7	n.a.	W21
T 22	1 18 4	18°29'17	11♊19	27°33	13°22	3°22	6°17	3°56	1°56	24°36	15°22	0°43	2°13	19°14	n.a.	T 22
F 23	1 22 1	19°30'18	24° 0	26°25	14°36	4° 1	6°29	4° 2	1°54	24°38	15°22	0°45	2°10	19°21	n.a.	F 23
S 24	1 25 57	20°31'20	6♋21	25°11	15°50	4°39	6°41	4° 7	1°52	24°40	15°23	0°46	2° 7	19°27	n.a.	S 24
S 25	1 29 54	21°32'23	18°28	23°51	17° 3	5°17	6°52	4°13	1°49	24°42	15°23	0°R47	2° 4	19°34	n.a.	S 25
M26	1 33 50	22°33'28	0♌24	22°28	18°17	5°55	7° 4	4°19	1°47	24°44	15°24	0°47	2° 1	19°41	n.a.	M26
T 27	1 37 47	23°34'34	12°16	21° 6	19°31	6°33	7°16	4°24	1°45	24°46	15°24	0°45	1°57	19°47	n.a.	T 27
W28	1 41 43	24°35'41	24° 7	19°47	20°45	7°11	7°28	4°30	1°42	24°48	15°25	0°41	1°54	19°54	n.a.	W28
T 29	1 45 40	25°36'49	6♍ 3	18°33	21°59	7°49	7°41	4°35	1°40	24°50	15°25	0°36	1°51	20° 1	n.a.	T 29
F 30	1 49 36	26°37'58	18° 7	17°27	23°13	8°28	7°53	4°40	1°38	24°52	15°26	0°30	1°48	20° 8	n.a.	F 30
S 31	1 53 33	27♎39'09	0♎21	16♎31	24♍27	9♍ 6	8♐ 5	4♍46	1♈36	24♍54	15♑26	0♐24	1♐45	20♌14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n 7	7n43	5s 1	9s58	2s29	16n42	1n 2	16n19	1n20	21s 7	0s 6	13n 1	2n 8	0n30	0s41	4n16	1n56	33s59	11s 8	21s 0	21s10	11n20			n.a.
F 2	0 43	3 24	5 0	10 29	2 33	16 22	1 5	16 6	1 20	21 9	0 6	12 59	2 8	0 29	0 41	4 15	1 56	33 59	11 8	20 57	21 9	11 18			n.a.
S 3	0 18	1s 6	4 45	10 59	2 36	16 2	1 8	15 54	1 20	21 11	0 6	12 57	2 8	0 28	0 41	4 14	1 56	33 59	11 8	20 55	21 9	11 15			n.a.
S 4	0s 6	5 36	4 16	11 27	2 38	15 41	1 10	15 42	1 20	21 13	0 6	12 54	2 8	0 27	0 41	4 13	1 56	33 58	11 7	20 52	21 8	11 13			n.a.
M 5	0 30	9 55	3 36	11 54	2 40	15 19	1 13	15 29	1 21	21 15	0 7	12 52	2 8	0 26	0 41	4 12	1 56	33 58	11 7	20 50	21 8	11 11			n.a.
T 6	0 55	13 53	2 44	12 18	2 42	14 57	1 15	15 17	1 21	21 17	0 7	12 50	2 8	0 25	0 41	4 11	1 56	33 58	11 7	20 49	21 7	11 9			n.a.
W 7	1 19	17 16	1 43	12 41	2 43	14 35	1 18	15 4	1 21	21 19	0 7	12 47	2 8	0 24	0 41	4 10	1 56	33 58	11 7	20 48	21 6	11 6			n.a.
T 8	1 44	19 51	0 36	13 2	2 43	14 12	1 20	14 51	1 21	21 21	0 7	12 45	2 9	0 23	0 41	4 10	1 56	33 58	11 6	20 48	21 6	11 4			n.a.
F 9	2 8	21 25	0n34	13 20	2 43	13 49	1 22	14 38	1 21	21 23	0 7	12 43	2 9	0 22	0 41	4 9	1 56	33 57	11 6	20 48	21 5	11 2			n.a.
S 10	2 33	21 48	1 44	13 35	2 41	13 25	1 24	14 25	1 21	21 25	0 7	12 41	2 9	0 21	0 41	4 8	1 56	33 57	11 6	20 48	21 4	11 0			n.a.
S 11	2 57	20 55	2 50	13 48	2 39	13 1	1 27	14 12	1 21	21 28	0 7	12 38	2 9	0 20	0 41	4 7	1 56	33 57	11 6	20 48	21 4	10 57			n.a.
M12	3 22	18 44	3 46	13 57	2 35	12 37	1 28	13 59	1 22	21 30	0 7	12 36	2 9	0 19	0 41	4 6	1 56	33 57	11 6	20 48	21 3	10 55			n.a.
T 13	3 46	15 23	4 31	14 3	2 30	12 12	1 30	13 46	1 22	21 32	0 7	12 34	2 9	0 18	0 41	4 5	1 56	33 56	11 5	20 47	21 3	10 53			n.a.
W14	4 10	11 3	4 58	14 5	2 25	11 47	1 32	13 32	1 22	21 34	0 7	12 32	2 10	0 17	0 41	4 4	1 56	33 56	11 5	20 46	21 2	10 50			n.a.
T 15	4 34	6 1	5 7	14 3	2 17	11 21	1 34	13 19	1 22	21 36	0 8	12 30	2 10	0 16	0 41	4 4	1 56	33 56	11 5	20 45	21 1	10 48			n.a.
F 16	4 59	0 37	4 55	13 56	2 8	10 55	1 35	13 5	1 22	21 38	0 8	12 28	2 10	0 15	0 41	4 3	1 57	33 56	11 5	20 43	21 1	10 46			n.a.
S 17	5 23	4n49	4 24	13 44	1 58	10 29	1 37	12 52	1 22	21 40	0 8	12 26	2 10	0 14	0 41	4 2	1 57	33 55	11 4	20 42	21 0	10 44			n.a.
S 18	5 47	9 55	3 35	13 27	1 46	10 3	1 38	12 38	1 22	21 42	0 8	12 24	2 10	0 13	0 41	4 1	1 57	33 55	11 4	20 40	20 59	10 41			n.a.
M19	6 11	14 22	2 34	13 5	1 32	9 36	1 40	12 25	1 22	21 44	0 8	12 21	2 10	0 12	0 41	4 0	1 57	33 55	11 4	20 39	20 59	10 39			n.a.
T 20	6 34	17 53	1 25	12 37	1 17	9 9	1 41	12 11	1 22	21 47	0 8	12 19	2 11	0 11	0 41	3 59	1 57	33 55	11 4	20 38	20 58	10 37			n.a.
W21	6 58	20 19	0 13	12 4	1 0	8 41	1 42	11 57	1 23	21 49	0 8	12 17	2 11	0 11	0 41	3 58	1 57	33 54	11 3	20 38	20 57	10 35			n.a.
T 22	7 22	21 34	0s57	11 25	0 42	8 13	1 43	11 43	1 23	21 51	0 8	12 15	2 11	0 10	0 41	3 58	1 57	33 54	11 3	20 38	20 57	10 32			n.a.
F 23	7 45	21 39	2 3	10 42	0 22	7 46	1 44	11 29	1 23	21 53	0 8	12 13	2 11	0 9	0 41	3 57	1 57	33 54	11 3	20 39	20 56	10 30			n.a.
S 24	8 9	20 40	3 1	9 56	0 2	7 17	1 45	11 15	1 23	21 55	0 8	12 11	2 11	0 8	0 41	3 56	1 57	33 54	11 3	20 39	20 56	10 28			n.a.
S 25	8 32	18 44	3 50	9 7	0n19	6 49	1 46	11 1	1 23	21 57	0 9	12 9	2 11	0 7	0 41	3 55	1 57	33 53	11 2	20 39	20 55	10 26			n.a.
M26	8 55	16 2	4 29	8 17	0 39	6 20	1 47	10 46	1 23	21 59	0 9	12 8	2 12	0 6	0 41	3 54	1 57	33 53	11 2	20 39	20 54	10 23			n.a.
T 27	9 18	12 41	4 55	7 27	0 59	5 51	1 47	10 32	1 23	22 2	0 9	12 6	2 12	0 5	0 41	3 54	1 57	33 53	11 2	20 39	20 54	10 21			n.a.
W28	9 41	8 51	5 9	6 40	1 18	5 22	1 48	10 18	1 23	22 4	0 9	12 4	2 12	0 4	0 41	3 53	1 57	33 52	11 2	20 38	20 53	10 19			n.a.
T 29	10 4	4 39	5 10	5 55	1 35	4 53	1 48	10 3	1 23	22 6	0 9	12 2	2 12	0 3	0 41	3 52	1 57	33 52	11 2	20 37	20 52	10 16			n.a.
F 30	10 26	0 14	4 57	5 16	1 51	4 24	1 49	9 49	1 23	22 8	0 9	12 0	2 12	0 2	0 41	3 51	1 57	33 52	11 1	20 35	20 52	10 14			n.a.
S 31	10s49	4s15	4s30	4s41	2n 4	3n54	1n49	9n35	1n24	22s10	0s 9	11n58	2n13	0n 1	0s41	3n51	1n57	33s51	11s 1	20s34	20s51	10n12			n.a.

Julian Day Number = 1293623.5, Delta T = 07h56m53s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'32, Lahiri = -20°07'31 Julian Calendar 1 Oct. 1172 BCE == Greg. Calendar 20 Sept. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

NOVEMBER 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 30	28♎40'20	12♎47	15°R45	25♍41	9♍44	8♐18	4♍51	1°R34	24♍56	15♑27	0°R18	1♐42	20♌21	n.a.	S 1
M 2	2 1 26	29°41'32	25°27	15♎11	26°56	10°22	8°30	4°56	1♈31	24°58	15°27	0♐13	1°38	20°28	n.a.	M 2
T 3	2 5 23	0♏42'45	8♏20	14°48	28°10	11° 0	8°43	5° 1	1°29	25° 0	15°28	0° 9	1°35	20°34	n.a.	T 3
W 4	2 9 19	1°43'59	21°25	14°35	29°24	11°38	8°55	5° 6	1°27	25° 2	15°28	0° 8	1°32	20°41	n.a.	W 4
T 5	2 13 16	2°45'14	4♐43	14°D34	0♎38	12°16	9° 8	5°11	1°25	25° 4	15°29	0°D 8	1°29	20°48	n.a.	T 5
F 6	2 17 12	3°46'28	18°12	14°42	1°53	12°54	9°21	5°16	1°23	25° 5	15°30	0° 8	1°26	20°55	n.a.	F 6
S 7	2 21 9	4°47'44	1♑53	15° 0	3° 7	13°33	9°34	5°21	1°21	25° 7	15°31	0°10	1°22	21° 1	n.a.	S 7
S 8	2 25 5	5°48'59	15°43	15°25	4°22	14°11	9°47	5°26	1°19	25° 9	15°31	0°12	1°19	21° 8	n.a.	S 8
M 9	2 29 2	6°50'15	29°43	15°59	5°36	14°49	9°59	5°30	1°17	25°11	15°32	0°13	1°16	21°15	n.a.	M 9
T 10	2 32 59	7°51'31	13♒51	16°39	6°51	15°27	10°12	5°35	1°16	25°13	15°33	0°R13	1°13	21°22	n.a.	T 10
W11	2 36 55	8°52'47	28° 6	17°24	8° 5	16° 5	10°26	5°39	1°14	25°14	15°34	0°12	1°10	21°28	n.a.	W11
T 12	2 40 52	9°54'03	12♓25	18°15	9°20	16°43	10°39	5°44	1°12	25°16	15°34	0°10	1° 7	21°35	n.a.	T 12
F 13	2 44 48	10°55'20	26°44	19°11	10°34	17°21	10°52	5°48	1°10	25°18	15°35	0° 7	1° 3	21°42	n.a.	F 13
S 14	2 48 45	11°56'36	11♈ 0	20°11	11°49	17°59	11° 5	5°52	1° 8	25°20	15°36	0° 4	1° 0	21°48	n.a.	S 14
S 15	2 52 41	12°57'52	25° 8	21°14	13° 3	18°37	11°18	5°56	1° 7	25°21	15°37	0° 2	0°57	21°55	n.a.	S 15
M16	2 56 38	13°59'09	9♉ 3	22°21	14°18	19°15	11°32	6° 1	1° 5	25°23	15°38	0° 0	0°54	22° 2	n.a.	M16
T 17	3 0 35	15° 0'26	22°41	23°30	15°33	19°53	11°45	6° 5	1° 3	25°25	15°39	29♏59	0°51	22° 9	n.a.	T 17
W18	3 4 31	16° 1'43	6♊ 0	24°42	16°47	20°31	11°58	6° 8	1° 2	25°26	15°40	29°D59	0°48	22°15	n.a.	W18
T 19	3 8 28	17° 3'00	19° 0	25°55	18° 2	21° 9	12°12	6°12	1° 0	25°28	15°41	29°59	0°44	22°22	n.a.	T 19
F 20	3 12 24	18° 4'18	1♋41	27°11	19°17	21°47	12°25	6°16	0°59	25°29	15°42	0♐ 1	0°41	22°29	n.a.	F 20
S 21	3 16 21	19° 5'35	14° 4	28°29	20°31	22°25	12°39	6°20	0°57	25°31	15°43	0° 2	0°38	22°35	n.a.	S 21
S 22	3 20 17	20° 6'53	26°13	29°48	21°46	23° 3	12°53	6°23	0°56	25°32	15°44	0° 3	0°35	22°42	n.a.	S 22
M23	3 24 14	21° 8'11	8♌12	1♏ 8	23° 1	23°41	13° 6	6°27	0°55	25°34	15°45	0° 4	0°32	22°49	n.a.	M23
T 24	3 28 10	22° 9'30	20° 5	2°29	24°16	24°19	13°20	6°30	0°53	25°35	15°46	0°R 4	0°28	22°56	n.a.	T 24
W25	3 32 7	23°10'48	1♍58	3°52	25°31	24°57	13°34	6°33	0°52	25°37	15°47	0° 4	0°25	23° 2	n.a.	W25
T 26	3 36 4	24°12'06	13°54	5°15	26°45	25°35	13°47	6°37	0°51	25°38	15°49	0° 4	0°22	23° 9	n.a.	T 26
F 27	3 40 0	25°13'25	25°59	6°40	28° 0	26°13	14° 1	6°40	0°50	25°39	15°50	0° 3	0°19	23°16	n.a.	F 27
S 28	3 43 57	26°14'43	8♎16	8° 5	29°15	26°51	14°15	6°43	0°49	25°41	15°51	0° 3	0°16	23°23	n.a.	S 28
S 29	3 47 53	27°16'02	20°48	9°31	0♏30	27°29	14°29	6°46	0°47	25°42	15°52	0° 2	0°13	23°29	n.a.	S 29
M30	3 51 50	28♏17'20	3♏39	10♏58	1♏45	28♍ 7	14♐43	6♍49	0♈46	25♍43	15♑53	0♐ 2	0♐ 9	23♌36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s11	8s39	3s50	4s13	2n16	3n24	1n49	9n20	1n24	22s12	0s 9	11n57	2n13	0n 1	0s41	3n50	1n57	33s51	11s 1	20s33	20s50	10n10		n.a.
M 2	11 33	12 45	2 58	3 51	2 25	2 54	1 49	9 5	1 24	22 14	0 9	11 55	2 13	0s 0	0 41	3 49	1 57	33 51	11 1	20 32	20 50	10 7		n.a.
T 3	11 55	16 21	1 57	3 35	2 32	2 24	1 49	8 51	1 24	22 16	0 9	11 53	2 13	0 1	0 41	3 48	1 57	33 51	11 0	20 31	20 49	10 5		n.a.
W 4	12 16	19 11	0 48	3 26	2 37	1 54	1 49	8 36	1 24	22 18	0 10	11 52	2 14	0 2	0 41	3 48	1 57	33 50	11 0	20 31	20 48	10 3		n.a.
T 5	12 38	21 1	0n25	3 22	2 41	1 24	1 49	8 21	1 24	22 21	0 10	11 50	2 14	0 3	0 41	3 47	1 57	33 50	11 0	20 31	20 48	10 0		n.a.
F 6	12 59	21 41	1 38	3 23	2 43	0 54	1 49	8 7	1 24	22 23	0 10	11 48	2 14	0 3	0 41	3 46	1 57	33 50	11 0	20 31	20 47	9 58		n.a.
S 7	13 20	21 3	2 46	3 29	2 44	0 24	1 49	7 52	1 24	22 25	0 10	11 47	2 14	0 4	0 41	3 45	1 57	33 49	11 0	20 31	20 46	9 56		n.a.
S 8	13 41	19 10	3 45	3 40	2 43	0s 7	1 48	7 37	1 24	22 27	0 10	11 45	2 14	0 5	0 40	3 45	1 57	33 49	10 59	20 31	20 46	9 54		n.a.
M 9	14 1	16 7	4 32	3 55	2 41	0 37	1 48	7 22	1 24	22 29	0 10	11 44	2 15	0 6	0 40	3 44	1 57	33 49	10 59	20 32	20 45	9 51		n.a.
T 10	14 21	12 7	5 2	4 13	2 39	1 7	1 47	7 7	1 24	22 31	0 10	11 42	2 15	0 6	0 40	3 43	1 57	33 48	10 59	20 32	20 44	9 49		n.a.
W11	14 42	7 25	5 15	4 34	2 35	1 38	1 46	6 52	1 24	22 33	0 10	11 41	2 15	0 7	0 40	3 43	1 57	33 48	10 59	20 31	20 44	9 47		n.a.
T 12	15 1	2 17	5 8	4 57	2 31	2 8	1 46	6 37	1 24	22 35	0 10	11 39	2 15	0 8	0 40	3 42	1 57	33 48	10 58	20 31	20 43	9 44		n.a.
F 13	15 21	2n59	4 42	5 23	2 26	2 39	1 45	6 22	1 24	22 37	0 10	11 38	2 16	0 9	0 40	3 41	1 58	33 48	10 58	20 31	20 42	9 42		n.a.
S 14	15 40	8 4	3 58	5 51	2 20	3 9	1 44	6 7	1 24	22 39	0 11	11 36	2 16	0 9	0 40	3 41	1 58	33 47	10 58	20 30	20 42	9 40		n.a.
S 15	15 59	12 41	3 1	6 20	2 15	3 39	1 43	5 52	1 24	22 41	0 11	11 35	2 16	0 10	0 40	3 40	1 58	33 47	10 58	20 29	20 41	9 38		n.a.
M16	16 18	16 32	1 53	6 51	2 8	4 10	1 42	5 37	1 24	22 43	0 11	11 34	2 16	0 11	0 40	3 40	1 58	33 47	10 58	20 29	20 40	9 35		n.a.
T 17	16 36	19 24	0 40	7 23	2 2	4 40	1 41	5 21	1 24	22 45	0 11	11 32	2 17	0 11	0 40	3 39	1 58	33 46	10 57	20 29	20 40	9 33		n.a.
W18	16 54	21 7	0s33	7 56	1 55	5 10	1 40	5 6	1 24	22 47	0 11	11 31	2 17	0 12	0 40	3 38	1 58	33 46	10 57	20 29	20 39	9 31		n.a.
T 19	17 12	21 39	1 43	8 30	1 48	5 40	1 39	4 51	1 24	22 49	0 11	11 30	2 17	0 12	0 40	3 38	1 58	33 46	10 57	20 29	20 38	9 28		n.a.
F 20	17 30	21 3	2 47	9 4	1 41	6 10	1 38	4 36	1 24	22 50	0 11	11 29	2 17	0 13	0 40	3 37	1 58	33 45	10 57	20 29	20 38	9 26		n.a.
S 21	17 47	19 25	3 41	9 39	1 34	6 40	1 36	4 21	1 24	22 52	0 11	11 28	2 18	0 13	0 40	3 37	1 58	33 45	10 57	20 29	20 37	9 24		n.a.
S 22	18 4	16 56	4 24	10 14	1 26	7 9	1 35	4 5	1 24	22 54	0 11	11 27	2 18	0 14	0 40	3 36	1 58	33 45	10 57	20 30	20 36	9 21		n.a.
M23	18 20	13 47	4 54	10 50	1 19	7 39	1 33	3 50	1 24	22 56	0 11	11 25	2 18	0 15	0 40	3 36	1 58	33 44	10 56	20 30	20 36	9 19		n.a.
T 24	18 36	10 5	5 12	11 25	1 11	8 8	1 32	3 35	1 24	22 58	0 12	11 24	2 18	0 15	0 40	3 35	1 58	33 44	10 56	20 30	20 35	9 17		n.a.
W25	18 52	6 1	5 17	12 1	1 4	8 37	1 30	3 19	1 24	23 0	0 12	11 23	2 19	0 16	0 40	3 35	1 58	33 44	10 56	20 30	20 34	9 15		n.a.
T 26	19 8	1 42	5 8	12 36	0 56	9 6	1 29	3 4	1 24	23 2	0 12	11 22	2 19	0 16	0 40	3 34	1 58	33 43	10 56	20 30	20 34	9 12		n.a.
F 27	19 23	2s44	4 45	13 12	0 49	9 35	1 27	2 49	1 24	23 3	0 12	11 22	2 19	0 16	0 40	3 34	1 58	33 43	10 56	20 30	20 33	9 10		n.a.
S 28	19 38	7 8	4 9	13 47	0 41	10 4	1 25	2 33	1 24	23 5	0 12	11 21	2 19	0 17	0 40	3 33	1 58	33 43	10 55	20 30	20 32	9 8		n.a.
S 29	19 52	11 21	3 21	14 22	0 33	10 32	1 23	2 18	1 24	23 7	0 12	11 20	2 20	0 17	0 40	3 33	1 58	33 42	10 55	20 29	20 32	9 5		n.a.
M30	20s 6	15s 9	2s21	14s57	0n26	11s 0	1n21	2n 3	1n24	23s 9	0s12	11n19	2n20	0s18	0s40	3n32	1n59	33s42	10s55	20s29	20s31	9n 3		n.a.

Julian Day Number = 1293654.5, Delta T = 07h56m52s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'28, Lahiri = -20°07'27 Julian Calendar 1 Nov. 1172 BCE == Greg. Calendar 21 Oct. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1172 BCE
geocentric

DECEMBER 1172 BCE (-1171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 46	29♏18'38	16♏48	12♏25	3♏ 0	28♍44	14♐57	6♍51	0°R45	25♍45	15♉55	0°R 2	0♐ 6	23♌43	n.a.	T 1
W 2	3 59 43	0♐19'56	0♐16	13°53	4°14	29°22	15°11	6°54	0♈44	25°46	15°56	0♐ 2	0° 3	23°49	n.a.	W 2
T 3	4 3 40	1°21'13	14° 0	15°21	5°29	0♎ 0	15°25	6°57	0°44	25°47	15°57	0° 2	29♏59	23°56	n.a.	T 3
F 4	4 7 36	2°22'30	27°58	16°51	6°44	0°38	15°39	6°59	0°43	25°48	15°58	0° 2	29°57	24° 3	n.a.	F 4
S 5	4 11 33	3°23'46	12♉ 7	18°20	7°59	1°16	15°53	7° 1	0°42	25°49	16° 0	0° 1	29°54	24°10	n.a.	S 5
S 6	4 15 29	4°25'01	26°22	19°50	9°14	1°54	16° 7	7° 4	0°41	25°50	16° 1	0° 1	29°50	24°16	n.a.	S 6
M 7	4 19 26	5°26'15	10♒39	21°21	10°29	2°31	16°21	7° 6	0°40	25°51	16° 2	0° 0	29°47	24°23	n.a.	M 7
T 8	4 23 22	6°27'29	24°55	22°52	11°44	3° 9	16°35	7° 8	0°40	25°52	16° 4	29♏59	29°44	24°30	n.a.	T 8
W 9	4 27 19	7°28'41	9♓ 7	24°24	12°59	3°47	16°49	7°10	0°39	25°53	16° 5	29°D59	29°41	24°37	n.a.	W 9
T 10	4 31 15	8°29'52	23°12	25°56	14°14	4°25	17° 3	7°12	0°39	25°54	16° 7	0♐ 0	29°38	24°43	n.a.	T 10
F 11	4 35 12	9°31'03	7♈10	27°29	15°28	5° 2	17°17	7°13	0°38	25°55	16° 8	0° 1	29°34	24°50	n.a.	F 11
S 12	4 39 9	10°32'12	20°58	29° 3	16°43	5°40	17°32	7°15	0°38	25°56	16° 9	0° 2	29°31	24°57	n.a.	S 12
S 13	4 43 5	11°33'20	4♉36	0♐36	17°58	6°18	17°46	7°16	0°37	25°57	16°11	0° 3	29°28	25° 3	n.a.	S 13
M14	4 47 2	12°34'27	18° 2	2°11	19°13	6°55	18° 0	7°18	0°37	25°58	16°12	0° 3	29°25	25°10	n.a.	M14
T 15	4 50 58	13°35'33	1♊16	3°46	20°28	7°33	18°14	7°19	0°37	25°59	16°14	0°R 4	29°22	25°17	n.a.	T 15
W16	4 54 55	14°36'38	14°16	5°22	21°43	8°10	18°28	7°20	0°37	26° 0	16°15	0° 3	29°19	25°24	n.a.	W16
T 17	4 58 51	15°37'42	27° 2	6°58	22°58	8°48	18°43	7°22	0°36	26° 0	16°17	0° 2	29°15	25°30	n.a.	T 17
F 18	5 2 48	16°38'45	9♋34	8°34	24°13	9°26	18°57	7°23	0°36	26° 1	16°18	29♏59	29°12	25°37	n.a.	F 18
S 19	5 6 45	17°39'47	21°54	10°12	25°27	10° 3	19°11	7°23	0°36	26° 2	16°20	29°57	29° 9	25°44	n.a.	S 19
S 20	5 10 41	18°40'48	4♌ 2	11°50	26°42	10°41	19°25	7°24	0°D36	26° 2	16°21	29°54	29° 6	25°50	n.a.	S 20
M21	5 14 38	19°41'48	16° 1	13°29	27°57	11°18	19°39	7°25	0°36	26° 3	16°23	29°51	29° 3	25°57	n.a.	M21
T 22	5 18 34	20°42'47	27°55	15° 8	29°12	11°56	19°54	7°26	0°36	26° 4	16°24	29°48	28°59	26° 4	n.a.	T 22
W23	5 22 31	21°43'45	9♍47	16°48	0♐27	12°33	20° 8	7°26	0°36	26° 4	16°26	29°47	28°56	26°11	n.a.	W23
T 24	5 26 27	22°44'42	21°42	18°29	1°42	13°11	20°22	7°26	0°37	26° 5	16°28	29°D46	28°53	26°17	n.a.	T 24
F 25	5 30 24	23°45'39	3♎44	20°10	2°57	13°48	20°36	7°27	0°37	26° 5	16°29	29°47	28°50	26°24	n.a.	F 25
S 26	5 34 20	24°46'34	15°59	21°52	4°11	14°25	20°50	7°27	0°37	26° 5	16°31	29°48	28°47	26°31	n.a.	S 26
S 27	5 38 17	25°47'28	28°31	23°35	5°26	15° 3	21° 5	7°R27	0°37	26° 6	16°32	29°50	28°44	26°38	n.a.	S 27
M28	5 42 14	26°48'21	11♏24	25°19	6°41	15°40	21°19	7°27	0°38	26° 6	16°34	29°51	28°40	26°44	n.a.	M28
T 29	5 46 10	27°49'12	24°40	27° 3	7°56	16°17	21°33	7°27	0°38	26° 7	16°36	29°R52	28°37	26°51	n.a.	T 29
W30	5 50 7	28°50'03	8♐21	28°48	9°11	16°55	21°47	7°27	0°39	26° 7	16°37	29°52	28°34	26°58	n.a.	W30
T 31	5 54 3	29♐50'52	22♐25	0♉34	10♐26	17♎32	22♐ 1	7♍26	0♈39	26♍ 7	16♉39	29♏50	28♏31	27♌ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s20	18s17	1s13	15s31	0n19	11s28	1n20	1n47	1n24	23s10	0s12	11n18	2n20	0s18	0s40	3n32	1n59	33s42	10s55	20s29	20s30	9n 1			n.a.
W 2	20 33	20 31	0n 1	16 5	0 11	11 56	1 18	1 32	1 24	23 12	0 12	11 17	2 21	0 18	0 40	3 31	1 59	33 41	10 55	20 29	20 30	8 58			n.a.
T 3	20 46	21 35	1 17	16 39	0 4	12 23	1 16	1 17	1 24	23 14	0 12	11 17	2 21	0 19	0 40	3 31	1 59	33 41	10 55	20 29	20 29	8 56			n.a.
F 4	20 59	21 20	2 29	17 12	0s 3	12 50	1 14	1 1	1 24	23 15	0 13	11 16	2 21	0 19	0 40	3 30	1 59	33 41	10 55	20 29	20 28	8 54			n.a.
S 5	21 11	19 44	3 33	17 44	0 10	13 16	1 11	0 46	1 24	23 17	0 13	11 15	2 21	0 19	0 40	3 30	1 59	33 41	10 54	20 29	20 28	8 52			n.a.
S 6	21 22	16 54	4 24	18 16	0 17	13 43	1 9	0 31	1 24	23 18	0 13	11 15	2 22	0 20	0 40	3 30	1 59	33 40	10 54	20 29	20 27	8 49			n.a.
M 7	21 34	13 3	4 59	18 47	0 24	14 9	1 7	0 15	1 23	23 20	0 13	11 14	2 22	0 20	0 40	3 29	1 59	33 40	10 54	20 29	20 26	8 47			n.a.
T 8	21 45	8 29	5 16	19 17	0 30	14 34	1 5	0s 0	1 23	23 22	0 13	11 14	2 22	0 20	0 40	3 29	1 59	33 40	10 54	20 29	20 26	8 45			n.a.
W 9	21 55	3 27	5 13	19 47	0 37	15 0	1 3	0 15	1 23	23 23	0 13	11 13	2 23	0 20	0 39	3 29	1 59	33 39	10 54	20 29	20 25	8 42			n.a.
T 10	22 5	1n43	4 51	20 15	0 43	15 25	1 0	0 31	1 23	23 25	0 13	11 13	2 23	0 20	0 39	3 28	1 59	33 39	10 54	20 29	20 24	8 40			n.a.
F 11	22 15	6 45	4 13	20 43	0 49	15 49	0 58	0 46	1 23	23 26	0 13	11 12	2 23	0 21	0 39	3 28	1 59	33 39	10 54	20 29	20 23	8 38			n.a.
S 12	22 24	11 24	3 20	21 10	0 55	16 13	0 56	1 1	1 23	23 28	0 13	11 12	2 23	0 21	0 39	3 28	1 59	33 38	10 54	20 29	20 23	8 35			n.a.
S 13	22 32	15 24	2 16	21 37	1 1	16 37	0 53	1 17	1 23	23 29	0 14	11 12	2 24	0 21	0 39	3 27	1 59	33 38	10 53	20 30	20 22	8 33			n.a.
M14	22 41	18 32	1 6	22 2	1 7	17 0	0 51	1 32	1 23	23 30	0 14	11 12	2 24	0 21	0 39	3 27	1 59	33 38	10 53	20 30	20 21	8 31			n.a.
T 15	22 48	20 39	0s 7	22 26	1 12	17 23	0 49	1 47	1 22	23 32	0 14	11 11	2 24	0 21	0 39	3 27	1 59	33 37	10 53	20 30	20 21	8 29			n.a.
W16	22 56	21 36	1 18	22 49	1 17	17 45	0 46	2 2	1 22	23 33	0 14	11 11	2 25	0 21	0 39	3 26	2 0	33 37	10 53	20 30	20 20	8 26			n.a.
T 17	23 3	21 24	2 24	23 11	1 22	18 7	0 44	2 17	1 22	23 35	0 14	11 11	2 25	0 21	0 39	3 26	2 0	33 37	10 53	20 29	20 19	8 24			n.a.
F 18	23 9	20 8	3 21	23 31	1 27	18 28	0 41	2 33	1 22	23 36	0 14	11 11	2 25	0 21	0 39	3 26	2 0	33 37	10 53	20 29	20 19	8 22			n.a.
S 19	23 15	17 56	4 8	23 51	1 31	18 49	0 39	2 48	1 22	23 37	0 14	11 11	2 25	0 21	0 39	3 26	2 0	33 36	10 53	20 28	20 18	8 19			n.a.
S 20	23 20	14 58	4 44	24 9	1 36	19 9	0 36	3 3	1 22	23 38	0 14	11 11	2 26	0 21	0 39	3 26	2 0	33 36	10 53	20 28	20 17	8 17			n.a.
M21	23 25	11 26	5 6	24 26	1 39	19 29	0 34	3 18	1 21	23 40	0 14	11 11	2 26	0 21	0 39	3 25	2 0	33 36	10 53	20 27	20 16	8 15			n.a.
T 22	23 30	7 29	5 15	24 42	1 43	19 48	0 31	3 33	1 21	23 41	0 15	11 11	2 26	0 21	0 39	3 25	2 0	33 35	10 53	20 26	20 16	8 12			n.a.
W23	23 34	3 15	5 10	24 56	1 46	20 7	0 29	3 48	1 21	23 42	0 15	11 11	2 27	0 21	0 39	3 25	2 0	33 35	10 53	20 26	20 15	8 10			n.a.
T 24	23 38	1s 7	4 52	25 8	1 49	20 25	0 26	4 3	1 21	23 43	0 15	11 11	2 27	0 21	0 39	3 25	2 0	33 35	10 52	20 26	20 14	8 8			n.a.
F 25	23 41	5 30	4 21	25 19	1 52	20 42	0 23	4 18	1 21	23 44	0 15	11 11	2 27	0 21	0 39	3 25	2 0	33 35	10 52	20 26	20 14	8 5			n.a.
S 26	23 44	9 44	3 38	25 29	1 54	20 59	0 21	4 33	1 20	23 46	0 15	11 11	2 27	0 20	0 39	3 25	2 0	33 34	10 52	20 26	20 13	8 3			n.a.
S 27	23 46	13 40	2 44	25 37	1 56	21 16	0 18	4 47	1 20	23 47	0 15	11 12	2 28	0 20	0 39	3 25	2 0	33 34	10 52	20 27	20 12	8 1			n.a.
M28	23 48	17 4	1 40	25 43	1 58	21 31	0 16	5 2	1 20	23 48	0 15	11 12	2 28	0 20	0 39	3 25	2 0	33 34	10 52	20 27	20 11	7 58			n.a.
T 29	23 49	19 42	0 29	25 47	1 59	21 47	0 13	5 17	1 20	23 49	0 15	11 12	2 28	0 20	0 39	3 24	2 0	33 34	10 52	20 27	20 11	7 56			n.a.
W30	23 50	21 18	0n46	25 49	2 0	22 1	0 11	5 32	1 19	23 50	0 15	11 12	2 29	0 20	0 39	3 24	2 1	33 33	10 52	20 27	20 10	7 54			n.a.
T 31	23s50	21s37	2n 0	25s50	2s 0	22s15	0n 8	5s46	1n19	23s51	0s16	11n13	2n29	0s19	0s39	3n24	2n 1	33s33	10s52	20s27	20s 9	7n52			n.a.

Julian Day Number = 1293684.5, Delta T = 07h56m50s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'24, Lahiri = -20°07'23 Julian Calendar 1 Dec. 1172 BCE == Greg. Calendar 20 Nov. 1172 BCE

The year -1171 astronomical counting style corresponds to year 1172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

JANUARY 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 58 0	0♉51'40	6♉49	2♉21	11♐40	18♎ 9	22♐16	7°R26	0♈40	26♍ 7	16♉41	29°R47	28♏28	27♌11	n.a.	F 1
S 2	6 1 56	1°52'26	21°27	4° 8	12°55	18°46	22°30	7♍25	0°41	26° 8	16°42	29♏43	28°25	27°18	n.a.	S 2
S 3	6 5 53	2°53'11	6♒12	5°56	14°10	19°23	22°44	7°25	0°41	26° 8	16°44	29°38	28°21	27°25	n.a.	S 3
M 4	6 9 49	3°53'53	20°56	7°45	15°25	20° 0	22°58	7°24	0°42	26° 8	16°46	29°33	28°18	27°31	n.a.	M 4
T 5	6 13 46	4°54'34	5♓32	9°34	16°39	20°38	23°12	7°23	0°43	26° 8	16°47	29°28	28°15	27°38	n.a.	T 5
W 6	6 17 43	5°55'13	19°56	11°24	17°54	21°15	23°26	7°22	0°44	26° 8	16°49	29°26	28°12	27°45	n.a.	W 6
T 7	6 21 39	6°55'50	4♈ 3	13°14	19° 9	21°51	23°40	7°21	0°45	26°R 8	16°51	29°D25	28° 9	27°52	n.a.	T 7
F 8	6 25 36	7°56'25	17°52	15° 5	20°24	22°28	23°54	7°20	0°46	26° 8	16°52	29°25	28° 5	27°58	n.a.	F 8
S 9	6 29 32	8°56'57	1♉25	16°55	21°38	23° 5	24° 8	7°18	0°47	26° 8	16°54	29°26	28° 2	28° 5	n.a.	S 9
S 10	6 33 29	9°57'28	14°42	18°46	22°53	23°42	24°22	7°17	0°48	26° 8	16°56	29°28	27°59	28°12	n.a.	S 10
M11	6 37 25	10°57'57	27°45	20°37	24° 8	24°19	24°36	7°16	0°49	26° 8	16°57	29°R29	27°56	28°18	n.a.	M11
T 12	6 41 22	11°58'24	10♊35	22°28	25°22	24°56	24°50	7°14	0°50	26° 8	16°59	29°28	27°53	28°25	n.a.	T 12
W13	6 45 18	12°58'49	23°13	24°18	26°37	25°33	25° 4	7°12	0°51	26° 8	17° 1	29°25	27°50	28°32	n.a.	W13
T 14	6 49 15	13°59'12	5♋42	26° 7	27°52	26° 9	25°18	7°11	0°53	26° 7	17° 2	29°20	27°46	28°39	n.a.	T 14
F 15	6 53 12	14°59'33	18° 1	27°55	29° 6	26°46	25°32	7° 9	0°54	26° 7	17° 4	29°13	27°43	28°45	n.a.	F 15
S 16	6 57 8	15°59'53	0♌12	29°41	0♉21	27°23	25°46	7° 7	0°55	26° 7	17° 6	29° 5	27°40	28°52	n.a.	S 16
S 17	7 1 5	17° 0'10	12°15	1♒26	1°36	27°59	25°59	7° 5	0°57	26° 7	17° 8	28°55	27°37	28°59	n.a.	S 17
M18	7 5 1	18° 0'26	24°12	3° 8	2°50	28°36	26°13	7° 3	0°58	26° 6	17° 9	28°46	27°34	29° 6	n.a.	M18
T 19	7 8 58	19° 0'39	6♍ 4	4°47	4° 5	29°12	26°27	7° 0	1° 0	26° 6	17°11	28°37	27°31	29°12	n.a.	T 19
W20	7 12 54	20° 0'51	17°56	6°22	5°20	29°49	26°40	6°58	1° 1	26° 6	17°13	28°30	27°27	29°19	n.a.	W20
T 21	7 16 51	21° 1'02	29°50	7°54	6°34	0♏25	26°54	6°56	1° 3	26° 5	17°14	28°26	27°24	29°26	n.a.	T 21
F 22	7 20 47	22° 1'10	11♎50	9°21	7°49	1° 1	27° 8	6°53	1° 5	26° 5	17°16	28°23	27°21	29°32	n.a.	F 22
S 23	7 24 44	23° 1'17	24° 1	10°43	9° 3	1°38	27°21	6°51	1° 6	26° 4	17°18	28°D22	27°18	29°39	n.a.	S 23
S 24	7 28 41	24° 1'22	6♏28	11°59	10°18	2°14	27°35	6°48	1° 8	26° 4	17°19	28°23	27°15	29°46	n.a.	S 24
M25	7 32 37	25° 1'25	19°16	13° 8	11°33	2°50	27°48	6°45	1°10	26° 3	17°21	28°24	27°11	29°53	n.a.	M25
T 26	7 36 34	26° 1'27	2♐30	14°11	12°47	3°26	28° 2	6°42	1°12	26° 2	17°23	28°R24	27° 8	29°59	n.a.	T 26
W27	7 40 30	27° 1'27	16°11	15° 6	14° 2	4° 2	28°15	6°39	1°13	26° 2	17°25	28°23	27° 5	0♍ 6	n.a.	W27
T 28	7 44 27	28° 1'25	0♑21	15°53	15°16	4°38	28°28	6°36	1°15	26° 1	17°26	28°19	27° 2	0°13	n.a.	T 28
F 29	7 48 23	29° 1'21	14°57	16°33	16°31	5°14	28°42	6°33	1°17	26° 1	17°28	28°13	26°59	0°20	n.a.	F 29
S 30	7 52 20	0♒ 1'15	29°54	17° 3	17°45	5°50	28°55	6°30	1°19	26° 0	17°30	28° 4	26°56	0°26	n.a.	S 30
S 31	7 56 16	1♒ 1'06	15♒ 2	17♒25	19♑ 0	6♏26	29♐ 8	6♍27	1♈21	25♍59	17♉31	27♏54	26♏52	0♍33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	20s31	3n 8	25s49	2s 0	22s28	0n 5	6s 1	1n19	23s52	0s16	11n13	2n29	0s19	0s39	3n24	2n 1	33s33	10s52	20s26	20s 9	7n49		n.a.
S 2	23 49	18 3	4 5	25 45	1 59	22 40	0 3	6 16	1 19	23 53	0 16	11 14	2 29	0 19	0 39	3 24	2 1	33 32	10 52	20 25	20 8	7 47		n.a.
S 3	23 48	14 25	4 46	25 40	1 58	22 52	0 0	6 30	1 18	23 54	0 16	11 14	2 30	0 18	0 38	3 24	2 1	33 32	10 52	20 24	20 7	7 45		n.a.
M 4	23 46	9 54	5 8	25 32	1 56	23 3	0s 2	6 45	1 18	23 54	0 16	11 15	2 30	0 18	0 38	3 24	2 1	33 32	10 52	20 23	20 6	7 42		n.a.
T 5	23 44	4 50	5 10	25 23	1 54	23 14	0 5	6 59	1 18	23 55	0 16	11 15	2 30	0 18	0 38	3 24	2 1	33 32	10 52	20 22	20 6	7 40		n.a.
W 6	23 42	0n24	4 52	25 11	1 51	23 24	0 7	7 14	1 17	23 56	0 16	11 16	2 31	0 17	0 38	3 24	2 1	33 32	10 52	20 22	20 5	7 38		n.a.
T 7	23 39	5 33	4 16	24 57	1 48	23 33	0 10	7 28	1 17	23 57	0 16	11 17	2 31	0 17	0 38	3 24	2 1	33 31	10 52	20 21	20 4	7 35		n.a.
F 8	23 35	10 18	3 27	24 41	1 44	23 41	0 12	7 42	1 17	23 58	0 16	11 17	2 31	0 17	0 38	3 25	2 1	33 31	10 52	20 21	20 4	7 33		n.a.
S 9	23 31	14 27	2 27	24 23	1 39	23 49	0 15	7 56	1 16	23 59	0 17	11 18	2 31	0 16	0 38	3 25	2 1	33 31	10 52	20 22	20 3	7 31		n.a.
S 10	23 27	17 46	1 19	24 3	1 34	23 55	0 17	8 10	1 16	23 59	0 17	11 19	2 32	0 16	0 38	3 25	2 1	33 31	10 52	20 22	20 2	7 28		n.a.
M11	23 22	20 8	0 9	23 40	1 28	24 2	0 20	8 25	1 16	24 0	0 17	11 20	2 32	0 15	0 38	3 25	2 1	33 30	10 52	20 22	20 1	7 26		n.a.
T 12	23 17	21 25	1s 0	23 16	1 21	24 7	0 22	8 39	1 15	24 1	0 17	11 21	2 32	0 15	0 38	3 25	2 1	33 30	10 52	20 22	20 1	7 24		n.a.
W13	23 11	21 35	2 5	22 49	1 14	24 12	0 24	8 53	1 15	24 1	0 17	11 21	2 32	0 14	0 38	3 25	2 2	33 30	10 52	20 21	20 0	7 21		n.a.
T 14	23 5	20 40	3 3	22 21	1 6	24 16	0 27	9 6	1 14	24 2	0 17	11 22	2 33	0 14	0 38	3 25	2 2	33 30	10 52	20 20	19 59	7 19		n.a.
F 15	22 58	18 46	3 52	21 51	0 57	24 19	0 29	9 20	1 14	24 3	0 17	11 23	2 33	0 13	0 38	3 25	2 2	33 30	10 52	20 19	19 59	7 17		n.a.
S 16	22 51	16 4	4 29	21 19	0 47	24 21	0 31	9 34	1 14	24 3	0 17	11 24	2 33	0 12	0 38	3 26	2 2	33 29	10 52	20 17	19 58	7 14		n.a.
S 17	22 44	12 42	4 54	20 46	0 37	24 23	0 34	9 48	1 13	24 4	0 18	11 25	2 33	0 12	0 38	3 26	2 2	33 29	10 52	20 15	19 57	7 12		n.a.
M18	22 36	8 52	5 6	20 11	0 25	24 24	0 36	10 1	1 13	24 4	0 18	11 26	2 34	0 11	0 38	3 26	2 2	33 29	10 52	20 13	19 56	7 10		n.a.
T 19	22 28	4 44	5 4	19 36	0 13	24 24	0 38	10 15	1 12	24 5	0 18	11 27	2 34	0 11	0 38	3 26	2 2	33 29	10 52	20 11	19 56	7 8		n.a.
W20	22 19	0 25	4 49	19 0	0 1	24 24	0 40	10 28	1 12	24 5	0 18	11 29	2 34	0 10	0 38	3 26	2 2	33 29	10 52	20 9	19 55	7 5		n.a.
T 21	22 10	3s56	4 22	18 24	0n12	24 22	0 42	10 42	1 11	24 6	0 18	11 30	2 34	0 9	0 38	3 27	2 2	33 28	10 52	20 8	19 54	7 3		n.a.
F 22	22 0	8 10	3 43	17 47	0 26	24 20	0 44	10 55	1 11	24 6	0 18	11 31	2 35	0 8	0 38	3 27	2 2	33 28	10 53	20 8	19 53	7 1		n.a.
S 23	21 50	12 9	2 54	17 12	0 40	24 17	0 46	11 8	1 10	24 7	0 18	11 32	2 35	0 8	0 38	3 27	2 2	33 28	10 53	20 7	19 53	6 58		n.a.
S 24	21 39	15 42	1 55	16 36	0 55	24 14	0 48	11 21	1 10	24 7	0 18	11 33	2 35	0 7	0 38	3 27	2 2	33 28	10 53	20 8	19 52	6 56		n.a.
M25	21 29	18 37	0 49	16 2	1 10	24 9	0 50	11 35	1 9	24 7	0 19	11 35	2 35	0 6	0 38	3 28	2 2	33 28	10 53	20 8	19 51	6 54		n.a.
T 26	21 17	20 39	0n22	15 30	1 25	24 4	0 52	11 48	1 8	24 8	0 19	11 36	2 36	0 5	0 38	3 28	2 2	33 28	10 53	20 8	19 50	6 51		n.a.
W27	21 6	21 33	1 34	14 59	1 40	23 59	0 54	12 1	1 8	24 8	0 19	11 37	2 36	0 5	0 38	3 28	2 2	33 27	10 53	20 7	19 50	6 49		n.a.
T 28	20 54	21 8	2 42	14 30	1 55	23 52	0 56	12 13	1 7	24 8	0 19	11 38	2 36	0 4	0 38	3 29	2 3	33 27	10 53	20 7	19 49	6 47		n.a.
F 29	20 41	19 18	3 42	14 5	2 10	23 45	0 58	12 26	1 7	24 9	0 19	11 40	2 36	0 3	0 38	3 29	2 3	33 27	10 53	20 5	19 48	6 44		n.a.
S 30	20 29	16 9	4 28	13 41	2 24	23 37	0 59	12 39	1 6	24 9	0 19	11 41	2 37	0 2	0 37	3 29	2 3	33 27	10 53	20 3	19 47	6 42		n.a.
S 31	20s16	11s53	4n56	13s22	2n38	23s28	1s 1	12s51	1n 5	24s 9	0s19	11n43	2n37	0s 1	0s37	3n30	2n 3	33s27	10s53	20s 1	19s47	6n40		n.a.

Julian Day Number = 1293715.5, Delta T = 07h56m48s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'19, Lahiri = -20°07'19 Julian Calendar 1 Jan. 1171 BCE == Greg. Calendar 21 Dec. 1172 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

FEBRUARY 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 0 13	2♒ 0'56	0♓11	17♒38	20♑14	7♏ 2	29♐21	6°R24	1♈24	25°R58	17♑33	27°R45	26♏49	0♍40	n.a.	M 1
T 2	8 4 10	3° 0'43	15°11	17°R42	21°29	7°37	29°34	6♍20	1°26	25♍58	17°35	27♏36	26°46	0°46	n.a.	T 2
W 3	8 8 6	4° 0'28	29°54	17°37	22°43	8°13	29°47	6°17	1°28	25°57	17°36	27°30	26°43	0°53	n.a.	W 3
T 4	8 12 3	5° 0'10	14♈13	17°24	23°58	8°48	0♑ 0	6°13	1°30	25°56	17°38	27°26	26°40	1° 0	n.a.	T 4
F 5	8 15 59	5°59'50	28° 8	17° 3	25°12	9°24	0°13	6°10	1°32	25°55	17°39	27°24	26°37	1° 7	n.a.	F 5
S 6	8 19 56	6°59'28	11♉39	16°35	26°27	9°59	0°26	6° 6	1°35	25°54	17°41	27°D24	26°33	1°13	n.a.	S 6
S 7	8 23 52	7°59'03	24°48	16° 0	27°41	10°35	0°38	6° 2	1°37	25°53	17°43	27°R24	26°30	1°20	n.a.	S 7
M 8	8 27 49	8°58'35	7♊38	15°19	28°55	11°10	0°51	5°59	1°39	25°52	17°44	27°24	26°27	1°27	n.a.	M 8
T 9	8 31 45	9°58'06	20°13	14°33	0♒10	11°45	1° 4	5°55	1°42	25°51	17°46	27°21	26°24	1°33	n.a.	T 9
W10	8 35 42	10°57'34	2♋36	13°43	1°24	12°20	1°16	5°51	1°44	25°50	17°48	27°17	26°21	1°40	n.a.	W10
T 11	8 39 38	11°56'59	14°50	12°50	2°39	12°55	1°29	5°47	1°47	25°49	17°49	27° 9	26°17	1°47	n.a.	T 11
F 12	8 43 35	12°56'22	26°57	11°56	3°53	13°30	1°41	5°43	1°49	25°48	17°51	26°58	26°14	1°54	n.a.	F 12
S 13	8 47 32	13°55'43	8♌58	11° 2	5° 7	14° 5	1°54	5°39	1°52	25°47	17°52	26°46	26°11	2° 0	n.a.	S 13
S 14	8 51 28	14°55'02	20°55	10° 9	6°22	14°40	2° 6	5°35	1°54	25°46	17°54	26°32	26° 8	2° 7	n.a.	S 14
M15	8 55 25	15°54'18	2♍49	9°17	7°36	15°14	2°18	5°31	1°57	25°45	17°55	26°18	26° 5	2°14	n.a.	M15
T 16	8 59 21	16°53'32	14°41	8°28	8°50	15°49	2°30	5°27	1°59	25°44	17°57	26° 5	26° 2	2°21	n.a.	T 16
W17	9 3 18	17°52'44	26°33	7°42	10° 4	16°23	2°42	5°22	2° 2	25°42	17°58	25°54	25°58	2°27	n.a.	W17
T 18	9 7 14	18°51'55	8♎28	7° 1	11°19	16°58	2°54	5°18	2° 5	25°41	18° 0	25°45	25°55	2°34	n.a.	T 18
F 19	9 11 11	19°51'03	20°29	6°24	12°33	17°32	3° 6	5°14	2° 8	25°40	18° 1	25°40	25°52	2°41	n.a.	F 19
S 20	9 15 7	20°50'09	2♏39	5°53	13°47	18° 6	3°18	5° 9	2°10	25°39	18° 3	25°37	25°49	2°47	n.a.	S 20
S 21	9 19 4	21°49'13	15° 4	5°27	15° 2	18°40	3°30	5° 5	2°13	25°37	18° 4	25°36	25°46	2°54	n.a.	S 21
M22	9 23 0	22°48'16	27°47	5° 6	16°16	19°14	3°41	5° 1	2°16	25°36	18° 6	25°36	25°43	3° 1	n.a.	M22
T 23	9 26 57	23°47'16	10♐54	4°52	17°30	19°48	3°53	4°56	2°19	25°35	18° 7	25°36	25°39	3° 8	n.a.	T 23
W24	9 30 54	24°46'15	24°29	4°43	18°44	20°22	4° 4	4°52	2°22	25°34	18° 9	25°34	25°36	3°14	n.a.	W24
T 25	9 34 50	25°45'12	8♑33	4°D39	19°59	20°55	4°16	4°47	2°25	25°32	18°10	25°29	25°33	3°21	n.a.	T 25
F 26	9 38 47	26°44'07	23° 6	4°42	21°13	21°29	4°27	4°43	2°28	25°31	18°11	25°22	25°30	3°28	n.a.	F 26
S 27	9 42 43	27°43'00	8♒ 4	4°49	22°27	22° 2	4°38	4°38	2°30	25°29	18°13	25°13	25°27	3°35	n.a.	S 27
S 28	9 46 40	28♒41'51	23♒18	5♒ 2	23♒41	22♏36	4♑49	4♍34	2♈33	25♍28	18♑14	25♏ 2	25♏23	3♍41	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 2	6s52	5n 3	13s 5	2n51	23s19	1s 3	13s 4	1n 5	24s 9	0s20	11n44	2n37	0s 1	0s37	3n30	2n 3	33s27	10s53	19s59	19s46	6n37		n.a.
T 2	19 48	1 30	4 49	12 52	3 4	23 9	1 4	13 16	1 4	24 10	0 20	11 46	2 37	0n 0	0 37	3 30	2 3	33 27	10 54	19 57	19 45	6 35		n.a.
W 3	19 34	3n52	4 17	12 43	3 15	22 58	1 6	13 29	1 3	24 10	0 20	11 47	2 37	0 1	0 37	3 31	2 3	33 26	10 54	19 55	19 44	6 33		n.a.
T 4	19 20	8 53	3 28	12 37	3 25	22 46	1 7	13 41	1 3	24 10	0 20	11 49	2 38	0 2	0 37	3 31	2 3	33 26	10 54	19 54	19 44	6 30		n.a.
F 5	19 5	13 18	2 29	12 35	3 33	22 34	1 9	13 53	1 2	24 10	0 20	11 50	2 38	0 3	0 37	3 32	2 3	33 26	10 54	19 54	19 43	6 28		n.a.
S 6	18 50	16 53	1 23	12 37	3 40	22 21	1 10	14 5	1 1	24 10	0 20	11 52	2 38	0 4	0 37	3 32	2 3	33 26	10 54	19 54	19 42	6 26		n.a.
S 7	18 34	19 30	0 14	12 43	3 46	22 8	1 11	14 17	1 1	24 10	0 20	11 53	2 38	0 5	0 37	3 32	2 3	33 26	10 54	19 54	19 41	6 23		n.a.
M 8	18 18	21 3	0s54	12 52	3 49	21 54	1 13	14 29	1 0	24 10	0 21	11 55	2 38	0 6	0 37	3 33	2 3	33 26	10 54	19 54	19 41	6 21		n.a.
T 9	18 2	21 30	1 58	13 4	3 51	21 39	1 14	14 40	0 59	24 10	0 21	11 56	2 38	0 7	0 37	3 33	2 3	33 26	10 54	19 53	19 40	6 19		n.a.
W10	17 46	20 53	2 55	13 18	3 50	21 24	1 15	14 52	0 58	24 10	0 21	11 58	2 39	0 8	0 37	3 34	2 3	33 26	10 55	19 52	19 39	6 16		n.a.
T 11	17 29	19 18	3 43	13 36	3 48	21 8	1 16	15 4	0 57	24 10	0 21	12 0	2 39	0 9	0 37	3 34	2 3	33 26	10 55	19 51	19 38	6 14		n.a.
F 12	17 12	16 51	4 20	13 55	3 44	20 51	1 17	15 15	0 57	24 10	0 21	12 1	2 39	0 10	0 37	3 35	2 3	33 26	10 55	19 48	19 38	6 12		n.a.
S 13	16 55	13 43	4 46	14 16	3 38	20 34	1 18	15 26	0 56	24 10	0 21	12 3	2 39	0 11	0 37	3 35	2 3	33 26	10 55	19 45	19 37	6 10		n.a.
S 14	16 38	10 3	4 59	14 38	3 30	20 16	1 19	15 38	0 55	24 10	0 21	12 5	2 39	0 12	0 37	3 36	2 4	33 26	10 55	19 42	19 36	6 7		n.a.
M15	16 20	6 1	4 58	15 0	3 21	19 57	1 20	15 49	0 54	24 10	0 22	12 6	2 39	0 13	0 37	3 36	2 4	33 25	10 55	19 39	19 35	6 5		n.a.
T 16	16 2	1 46	4 45	15 23	3 10	19 38	1 21	16 0	0 53	24 10	0 22	12 8	2 39	0 14	0 37	3 37	2 4	33 25	10 56	19 35	19 35	6 3		n.a.
W17	15 43	2s33	4 19	15 47	2 58	19 19	1 21	16 11	0 52	24 10	0 22	12 10	2 40	0 16	0 37	3 37	2 4	33 25	10 56	19 33	19 34	6 0		n.a.
T 18	15 25	6 48	3 42	16 9	2 45	18 59	1 22	16 22	0 51	24 10	0 22	12 11	2 40	0 17	0 37	3 38	2 4	33 25	10 56	19 31	19 33	5 58		n.a.
F 19	15 6	10 48	2 54	16 32	2 32	18 38	1 23	16 32	0 50	24 10	0 22	12 13	2 40	0 18	0 37	3 38	2 4	33 25	10 56	19 29	19 32	5 56		n.a.
S 20	14 47	14 26	1 58	16 53	2 18	18 17	1 23	16 43	0 49	24 10	0 22	12 15	2 40	0 19	0 37	3 39	2 4	33 25	10 56	19 29	19 32	5 53		n.a.
S 21	14 28	17 30	0 55	17 14	2 3	17 55	1 24	16 54	0 48	24 10	0 23	12 17	2 40	0 20	0 37	3 39	2 4	33 25	10 57	19 29	19 31	5 51		n.a.
M22	14 8	19 48	0n12	17 33	1 48	17 33	1 24	17 4	0 47	24 10	0 23	12 18	2 40	0 21	0 37	3 40	2 4	33 25	10 57	19 29	19 30	5 49		n.a.
T 23	13 49	21 8	1 20	17 51	1 33	17 11	1 24	17 14	0 46	24 9	0 23	12 20	2 40	0 22	0 37	3 40	2 4	33 25	10 57	19 28	19 29	5 46		n.a.
W24	13 29	21 17	2 26	18 8	1 18	16 48	1 25	17 25	0 45	24 9	0 23	12 22	2 40	0 24	0 37	3 41	2 4	33 25	10 57	19 28	19 29	5 44		n.a.
T 25	13 9	20 8	3 26	18 23	1 4	16 24	1 25	17 35	0 44	24 9	0 23	12 24	2 41	0 25	0 37	3 42	2 4	33 25	10 57	19 27	19 28	5 42		n.a.
F 26	12 48	17 38	4 15	18 37	0 49	16 0	1 25	17 45	0 43	24 9	0 23	12 25	2 41	0 26	0 37	3 42	2 4	33 25	10 58	19 25	19 27	5 39		n.a.
S 27	12 28	13 56	4 47	18 49	0 35	15 36	1 25	17 55	0 41	24 9	0 24	12 27	2 41	0 27	0 37	3 43	2 4	33 25	10 58	19 23	19 26	5 37		n.a.
S 28	12s 7	9s15	5n 0	18s59	0n21	15s11	1s25	18s 4	0n40	24s 8	0s24	12n29	2n41	0n28	0s37	3n43	2n 4	33s25	10s58	19s20	19s25	5n35		n.a.

Julian Day Number = 1293746.5, Delta T = 07h56m47s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'15, Lahiri = -20°07'15 Julian Calendar 1 Feb. 1171 BCE == Greg. Calendar 21 Jan. 1171 BCE

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

MARCH 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 50 36	29♒40'39	8♓39	5♒19	24♒55	23♏ 9	5♑ 0	4°R29	2♈36	25°R27	18♑16	24°R51	25♏20	3♍48	n.a.	M 1
T 2	9 54 33	0♓39'25	23°53	5°42	26° 9	23°42	5°11	4♍25	2°40	25♍25	18°17	24♏41	25°17	3°55	n.a.	T 2
W 3	9 58 29	1°38'10	8♈51	6° 9	27°24	24°15	5°22	4°20	2°43	25°24	18°18	24°33	25°14	4° 1	n.a.	W 3
T 4	10 2 26	2°36'51	23°25	6°40	28°38	24°47	5°33	4°16	2°46	25°22	18°20	24°28	25°11	4° 8	n.a.	T 4
F 5	10 6 23	3°35'31	7♉32	7°16	29°52	25°20	5°43	4°11	2°49	25°21	18°21	24°25	25° 8	4°15	n.a.	F 5
S 6	10 10 19	4°34'08	21°10	7°55	1♓ 6	25°52	5°54	4° 7	2°52	25°19	18°22	24°D24	25° 4	4°22	n.a.	S 6
S 7	10 14 16	5°32'43	4♊21	8°38	2°20	26°25	6° 4	4° 2	2°55	25°18	18°23	24°R24	25° 1	4°28	n.a.	S 7
M 8	10 18 12	6°31'16	17°10	9°25	3°34	26°57	6°15	3°57	2°58	25°16	18°25	24°24	24°58	4°35	n.a.	M 8
T 9	10 22 9	7°29'46	29°40	10°15	4°48	27°29	6°25	3°53	3° 1	25°15	18°26	24°22	24°55	4°42	n.a.	T 9
W10	10 26 5	8°28'14	11♋56	11° 8	6° 2	28° 0	6°35	3°48	3° 5	25°13	18°27	24°18	24°52	4°48	n.a.	W10
T 11	10 30 2	9°26'39	24° 2	12° 4	7°16	28°32	6°45	3°44	3° 8	25°12	18°28	24°11	24°48	4°55	n.a.	T 11
F 12	10 33 58	10°25'03	6♌ 1	13° 3	8°30	29° 4	6°55	3°39	3°11	25°10	18°29	24° 1	24°45	5° 2	n.a.	F 12
S 13	10 37 55	11°23'24	17°56	14° 6	9°44	29°35	7° 5	3°35	3°14	25° 9	18°31	23°49	24°42	5° 9	n.a.	S 13
S 14	10 41 51	12°21'43	29°49	15°10	10°58	0♐ 6	7°14	3°30	3°18	25° 7	18°32	23°36	24°39	5°15	n.a.	S 14
M15	10 45 48	13°20'00	11♍42	16°18	12°12	0°37	7°24	3°26	3°21	25° 5	18°33	23°23	24°36	5°22	n.a.	M15
T 16	10 49 45	14°18'15	23°35	17°28	13°26	1° 8	7°33	3°21	3°24	25° 4	18°34	23°11	24°33	5°29	n.a.	T 16
W17	10 53 41	15°16'28	5♎31	18°40	14°40	1°38	7°43	3°17	3°28	25° 2	18°35	23° 1	24°29	5°36	n.a.	W17
T 18	10 57 38	16°14'39	17°31	19°54	15°54	2° 9	7°52	3°12	3°31	25° 1	18°36	22°53	24°26	5°42	n.a.	T 18
F 19	11 1 34	17°12'49	29°37	21°11	17° 8	2°39	8° 1	3° 8	3°34	24°59	18°37	22°48	24°23	5°49	n.a.	F 19
S 20	11 5 31	18°10'57	11♏53	22°30	18°22	3° 9	8°10	3° 4	3°38	24°57	18°38	22°46	24°20	5°56	n.a.	S 20
S 21	11 9 27	19° 9'03	24°21	23°52	19°36	3°39	8°18	2°59	3°41	24°56	18°39	22°D45	24°17	6° 2	n.a.	S 21
M22	11 13 24	20° 7'08	7♐ 6	25°15	20°50	4° 9	8°27	2°55	3°44	24°54	18°40	22°46	24°14	6° 9	n.a.	M22
T 23	11 17 20	21° 5'11	20°10	26°40	22° 4	4°38	8°36	2°51	3°48	24°53	18°41	22°R46	24°10	6°16	n.a.	T 23
W24	11 21 17	22° 3'13	3♑39	28° 8	23°18	5° 7	8°44	2°47	3°51	24°51	18°42	22°45	24° 7	6°23	n.a.	W24
T 25	11 25 13	23° 1'13	17°34	29°37	24°32	5°36	8°52	2°43	3°55	24°49	18°43	22°43	24° 4	6°29	n.a.	T 25
F 26	11 29 10	23°59'12	1♒56	1♓ 9	25°46	6° 5	9° 1	2°39	3°58	24°48	18°44	22°38	24° 1	6°36	n.a.	F 26
S 27	11 33 7	24°57'09	16°41	2°42	27° 0	6°33	9° 9	2°34	4° 1	24°46	18°44	22°32	23°58	6°43	n.a.	S 27
S 28	11 37 3	25°55'05	1♓45	4°18	28°13	7° 1	9°16	2°30	4° 5	24°44	18°45	22°24	23°54	6°49	n.a.	S 28
M29	11 41 0	26°52'59	16°58	5°55	29°27	7°29	9°24	2°26	4° 8	24°43	18°46	22°15	23°51	6°56	n.a.	M29
T 30	11 44 56	27°50'52	2♈11	7°34	0♈41	7°57	9°32	2°23	4°12	24°41	18°47	22° 8	23°48	7° 3	n.a.	T 30
W31	11 48 53	28♓48'42	17♈11	9♓15	1♈55	8♐24	9♑39	2♍19	4♈15	24♍40	18♑48	22♏ 2	23♏45	7♍10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s46	3s58	4n52	19s 8	0n 7	14s46	1s25	18s14	0n39	24s 8	0s24	12n31	2n41	0n30	0s37	3n44	2n 4	33s25	10s58	19s17	19s25	5n32			n.a.
T 2	11 25	1n32	4 23	19 15	0s 6	14 20	1 25	18 24	0 38	24 8	0 24	12 32	2 41	0 31	0 37	3 45	2 4	33 25	10 58	19 15	19 24	5 30			n.a.
W 3	11 4	6 52	3 36	19 21	0 19	13 54	1 25	18 33	0 37	24 8	0 24	12 34	2 41	0 32	0 37	3 45	2 4	33 25	10 59	19 13	19 23	5 28			n.a.
T 4	10 43	11 39	2 36	19 24	0 31	13 28	1 25	18 42	0 35	24 7	0 24	12 36	2 41	0 33	0 37	3 46	2 4	33 25	10 59	19 12	19 22	5 25			n.a.
F 5	10 21	15 38	1 28	19 26	0 42	13 1	1 24	18 52	0 34	24 7	0 25	12 38	2 41	0 35	0 37	3 46	2 4	33 25	10 59	19 11	19 22	5 23			n.a.
S 6	10 0	18 37	0 17	19 27	0 53	12 34	1 24	19 1	0 33	24 7	0 25	12 39	2 41	0 36	0 37	3 47	2 4	33 25	10 59	19 11	19 21	5 21			n.a.
S 7	9 38	20 30	0s52	19 26	1 4	12 7	1 24	19 10	0 31	24 6	0 25	12 41	2 41	0 37	0 37	3 48	2 4	33 26	11 0	19 11	19 20	5 19			n.a.
M 8	9 16	21 15	1 57	19 22	1 14	11 39	1 23	19 19	0 30	24 6	0 25	12 43	2 41	0 39	0 37	3 48	2 4	33 26	11 0	19 11	19 19	5 16			n.a.
T 9	8 54	20 55	2 55	19 18	1 23	11 11	1 23	19 28	0 28	24 6	0 25	12 45	2 41	0 40	0 36	3 49	2 4	33 26	11 0	19 10	19 18	5 14			n.a.
W10	8 32	19 35	3 43	19 11	1 32	10 43	1 22	19 36	0 27	24 5	0 25	12 46	2 41	0 41	0 36	3 50	2 4	33 26	11 0	19 9	19 18	5 12			n.a.
T 11	8 9	17 22	4 21	19 3	1 40	10 14	1 21	19 45	0 25	24 5	0 26	12 48	2 41	0 43	0 36	3 50	2 4	33 26	11 1	19 8	19 17	5 9			n.a.
F 12	7 47	14 27	4 47	18 53	1 48	9 45	1 21	19 53	0 24	24 5	0 26	12 50	2 41	0 44	0 36	3 51	2 5	33 26	11 1	19 5	19 16	5 7			n.a.
S 13	7 25	10 58	4 59	18 42	1 55	9 16	1 20	20 2	0 22	24 4	0 26	12 51	2 41	0 45	0 36	3 52	2 5	33 26	11 1	19 2	19 15	5 5			n.a.
S 14	7 2	7 3	4 59	18 29	2 1	8 47	1 19	20 10	0 21	24 4	0 26	12 53	2 41	0 47	0 36	3 52	2 5	33 26	11 1	18 59	19 15	5 2			n.a.
M15	6 39	2 54	4 46	18 14	2 7	8 18	1 18	20 18	0 19	24 4	0 26	12 55	2 41	0 48	0 36	3 53	2 5	33 26	11 2	18 56	19 14	5 0			n.a.
T 16	6 17	1s23	4 20	17 57	2 12	7 48	1 17	20 26	0 17	24 3	0 27	12 56	2 41	0 49	0 36	3 54	2 5	33 26	11 2	18 52	19 13	4 58			n.a.
W17	5 54	5 38	3 43	17 39	2 17	7 18	1 16	20 34	0 16	24 3	0 27	12 58	2 41	0 51	0 36	3 54	2 5	33 26	11 2	18 50	19 12	4 55			n.a.
T 18	5 31	9 41	2 56	17 19	2 21	6 48	1 15	20 42	0 14	24 3	0 27	12 59	2 41	0 52	0 36	3 55	2 5	33 27	11 3	18 48	19 11	4 53			n.a.
F 19	5 8	13 23	2 0	16 57	2 25	6 18	1 14	20 50	0 12	24 2	0 27	13 1	2 41	0 53	0 36	3 56	2 5	33 27	11 3	18 47	19 11	4 51			n.a.
S 20	4 45	16 34	0 58	16 33	2 28	5 47	1 13	20 58	0 11	24 2	0 27	13 3	2 41	0 55	0 36	3 56	2 5	33 27	11 3	18 46	19 10	4 48			n.a.
S 21	4 22	19 2	0n 9	16 8	2 30	5 17	1 12	21 5	0 9	24 2	0 28	13 4	2 41	0 56	0 36	3 57	2 5	33 27	11 3	18 46	19 9	4 46			n.a.
M22	3 59	20 36	1 16	15 42	2 32	4 46	1 10	21 13	0 7	24 1	0 28	13 6	2 41	0 57	0 36	3 58	2 5	33 27	11 4	18 46	19 8	4 44			n.a.
T 23	3 35	21 7	2 21	15 13	2 33	4 15	1 9	21 20	0 5	24 1	0 28	13 7	2 41	0 59	0 36	3 58	2 5	33 27	11 4	18 46	19 7	4 41			n.a.
W24	3 12	20 27	3 20	14 43	2 34	3 44	1 8	21 27	0 3	24 0	0 28	13 9	2 41	1 0	0 36	3 59	2 5	33 27	11 4	18 46	19 7	4 39			n.a.
T 25	2 49	18 32	4 10	14 11	2 34	3 13	1 6	21 34	0 1	24 0	0 28	13 10	2 41	1 2	0 36	3 59	2 5	33 27	11 5	18 45	19 6	4 37			n.a.
F 26	2 26	15 25	4 46	13 38	2 33	2 42	1 5	21 41	0s 1	24 0	0 29	13 12	2 41	1 3	0 36	4 0	2 5	33 28	11 5	18 44	19 5	4 35			n.a.
S 27	2 2	11 16	5 3	13 2	2 32	2 11	1 3	21 48	0 3	23 59	0 29	13 13	2 41	1 4	0 36	4 1	2 5	33 28	11 5	18 42	19 4	4 32			n.a.
S 28	1 39	6 21	5 1	12 26	2 31	1 39	1 2	21 55	0 5	23 59	0 29	13 14	2 41	1 6	0 36	4 1	2 5	33 28	11 6	18 40	19 3	4 30			n.a.
M29	1 16	0 59	4 37	11 47	2 28	1 8	1 0	22 2	0 7	23 59	0 29	13 16	2 40	1 7	0 36	4 2	2 5	33 28	11 6	18 38	19 3	4 28			n.a.
T 30	0 52	4n27	3 54	11 7	2 26	0 37	0 58	22 9	0 9	23 58	0 29	13 17	2 40	1 8	0 36	4 3	2 5	33 28	11 6	18 36	19 2	4 25			n.a.
W31	0s29	9n33	2n55	10s25	2s22	0s 5	0s57	22s15	0s12	23s58	0s30	13n18	2n40	1n10	0s36	4n 3	2n 5	33s29	11s 6	18s34	19s 1	4n23			n.a.

Julian Day Number = 1293774.5, Delta T = 07h56m45s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'11, Lahiri = -20°07'11 Julian Calendar 1 March 1171 BCE == Greg. Calendar 18 Feb. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

APRIL 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 49	29♓46'31	1♉51	10♓58	3♈ 9	8♐51	9♑47	2°R15	4♈19	24°R38	18♑48	21°R58	23♏42	7♍16	n.a.	T 1
F 2	11 56 46	0♈44'19	16° 5	12°43	4°23	9°18	9°54	2♍11	4°22	24♍36	18°49	21°D56	23°39	7°23	n.a.	F 2
S 3	12 0 42	1°42'04	29°51	14°30	5°36	9°45	10° 1	2° 7	4°25	24°35	18°50	21♏56	23°35	7°30	n.a.	S 3
S 4	12 4 39	2°39'48	13♊ 9	16°19	6°50	10°11	10° 8	2° 4	4°29	24°33	18°50	21°57	23°32	7°36	n.a.	S 4
M 5	12 8 36	3°37'30	26° 3	18°10	8° 4	10°37	10°14	2° 0	4°32	24°32	18°51	21°58	23°29	7°43	n.a.	M 5
T 6	12 12 32	4°35'11	8♋35	20° 3	9°18	11° 2	10°21	1°57	4°36	24°30	18°52	21°R58	23°26	7°50	n.a.	T 6
W 7	12 16 29	5°32'49	20°52	21°58	10°32	11°28	10°27	1°53	4°39	24°28	18°52	21°57	23°23	7°57	n.a.	W 7
T 8	12 20 25	6°30'26	2♌56	23°54	11°45	11°53	10°34	1°50	4°43	24°27	18°53	21°54	23°19	8° 3	n.a.	T 8
F 9	12 24 22	7°28'01	14°52	25°53	12°59	12°17	10°40	1°47	4°46	24°25	18°53	21°49	23°16	8°10	n.a.	F 9
S 10	12 28 18	8°25'34	26°45	27°53	14°13	12°41	10°46	1°44	4°50	24°24	18°54	21°42	23°13	8°17	n.a.	S 10
S 11	12 32 15	9°23'06	8♍37	29°55	15°26	13° 5	10°51	1°40	4°53	24°22	18°54	21°35	23°10	8°24	n.a.	S 11
M12	12 36 11	10°20'37	20°30	1♈58	16°40	13°29	10°57	1°37	4°57	24°20	18°55	21°27	23° 7	8°30	n.a.	M12
T 13	12 40 8	11°18'06	2♎27	4° 4	17°54	13°52	11° 2	1°34	5° 0	24°19	18°55	21°20	23° 4	8°37	n.a.	T 13
W14	12 44 5	12°15'33	14°30	6°10	19° 7	14°15	11° 8	1°31	5° 4	24°17	18°56	21°14	23° 0	8°44	n.a.	W14
T 15	12 48 1	13°13'00	26°40	8°19	20°21	14°37	11°13	1°29	5° 7	24°16	18°56	21° 9	22°57	8°50	n.a.	T 15
F 16	12 51 58	14°10'25	8♏58	10°28	21°35	14°59	11°18	1°26	5°10	24°14	18°57	21° 7	22°54	8°57	n.a.	F 16
S 17	12 55 54	15° 7'49	21°26	12°38	22°48	15°21	11°23	1°23	5°14	24°13	18°57	21°D 6	22°51	9° 4	n.a.	S 17
S 18	12 59 51	16° 5'13	4♐ 6	14°49	24° 2	15°42	11°27	1°21	5°17	24°11	18°57	21° 7	22°48	9°11	n.a.	S 18
M19	13 3 47	17° 2'35	17° 1	17° 0	25°16	16° 3	11°32	1°18	5°21	24°10	18°58	21° 8	22°45	9°17	n.a.	M19
T 20	13 7 44	17°59'57	0♑12	19°11	26°29	16°23	11°36	1°16	5°24	24° 8	18°58	21°10	22°41	9°24	n.a.	T 20
W21	13 11 40	18°57'18	13°42	21°23	27°43	16°43	11°40	1°13	5°27	24° 7	18°58	21°R11	22°38	9°31	n.a.	W21
T 22	13 15 37	19°54'38	27°32	23°34	28°57	17° 2	11°44	1°11	5°31	24° 6	18°58	21°11	22°35	9°37	n.a.	T 22
F 23	13 19 34	20°51'57	11♒43	25°44	0♉10	17°21	11°48	1° 9	5°34	24° 4	18°58	21° 9	22°32	9°44	n.a.	F 23
S 24	13 23 30	21°49'16	26°12	27°54	1°24	17°40	11°51	1° 7	5°38	24° 3	18°59	21° 7	22°29	9°51	n.a.	S 24
S 25	13 27 27	22°46'33	10♓56	0♉ 3	2°37	17°58	11°55	1° 5	5°41	24° 1	18°59	21° 3	22°25	9°58	n.a.	S 25
M26	13 31 23	23°43'50	25°49	2°10	3°51	18°15	11°58	1° 3	5°44	24° 0	18°59	20°59	22°22	10° 4	n.a.	M26
T 27	13 35 20	24°41'07	10♈43	4°16	5° 4	18°32	12° 1	1° 1	5°48	23°59	18°59	20°56	22°19	10°11	n.a.	T 27
W28	13 39 16	25°38'23	25°30	6°20	6°18	18°48	12° 4	0°59	5°51	23°57	18°59	20°53	22°16	10°18	n.a.	W28
T 29	13 43 13	26°35'37	10♉ 2	8°22	7°32	19° 4	12° 7	0°58	5°54	23°56	18°59	20°52	22°13	10°24	n.a.	T 29
F 30	13 47 9	27♈32'51	24♉13	10♉22	8♉45	19♐19	12♑ 9	0♍56	5♈57	23♍55	18♑59	20°D51	22♏10	10♍31	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 5	13n58	1n46	9s42	2s19	0n26	0s55	22s22	0s14	23s58	0s30	13n20	2n40	1n11	0s36	4n 4	2n 5	33s29	11s 7	18s33	19s 0	4n21		n.a.
F 2	0n18	17 25	0 31	8 57	2 14	0 57	0 53	22 28	0 16	23 57	0 30	13 21	2 40	1 13	0 36	4 5	2 5	33 29	11 7	18 33	18 59	4 18		n.a.
S 3	0 41	19 46	0s43	8 11	2 9	1 29	0 51	22 35	0 18	23 57	0 30	13 22	2 40	1 14	0 36	4 5	2 5	33 29	11 7	18 33	18 59	4 16		n.a.
S 4	1 5	20 54	1 52	7 23	2 4	2 0	0 49	22 41	0 21	23 57	0 30	13 24	2 40	1 15	0 36	4 6	2 5	33 29	11 8	18 33	18 58	4 14		n.a.
M 5	1 28	20 53	2 53	6 33	1 58	2 32	0 47	22 47	0 23	23 56	0 31	13 25	2 40	1 17	0 36	4 7	2 5	33 30	11 8	18 34	18 57	4 11		n.a.
T 6	1 51	19 49	3 45	5 42	1 51	3 3	0 45	22 53	0 26	23 56	0 31	13 26	2 40	1 18	0 36	4 7	2 5	33 30	11 8	18 34	18 56	4 9		n.a.
W 7	2 14	17 50	4 24	4 50	1 44	3 34	0 43	23 0	0 28	23 56	0 31	13 27	2 40	1 20	0 36	4 8	2 5	33 30	11 9	18 33	18 55	4 7		n.a.
T 8	2 37	15 6	4 52	3 56	1 36	4 5	0 41	23 6	0 31	23 56	0 31	13 28	2 39	1 21	0 36	4 9	2 5	33 30	11 9	18 32	18 55	4 5		n.a.
F 9	3 1	11 46	5 6	3 1	1 28	4 36	0 39	23 11	0 33	23 55	0 32	13 29	2 39	1 22	0 36	4 9	2 5	33 30	11 9	18 31	18 54	4 2		n.a.
S 10	3 24	8 0	5 7	2 4	1 20	5 7	0 37	23 17	0 36	23 55	0 32	13 30	2 39	1 24	0 36	4 10	2 5	33 31	11 10	18 29	18 53	4 0		n.a.
S 11	3 47	3 55	4 55	1 7	1 11	5 38	0 35	23 23	0 39	23 55	0 32	13 31	2 39	1 25	0 36	4 10	2 5	33 31	11 10	18 27	18 52	3 58		n.a.
M12	4 10	0s18	4 30	0 8	1 2	6 9	0 33	23 29	0 42	23 55	0 32	13 32	2 39	1 27	0 36	4 11	2 5	33 31	11 10	18 25	18 51	3 55		n.a.
T 13	4 33	4 33	3 53	0n51	0 52	6 40	0 31	23 34	0 44	23 54	0 32	13 33	2 39	1 28	0 36	4 12	2 5	33 31	11 11	18 23	18 51	3 53		n.a.
W14	4 55	8 39	3 6	1 51	0 42	7 10	0 29	23 40	0 47	23 54	0 33	13 34	2 39	1 29	0 36	4 12	2 5	33 32	11 11	18 22	18 50	3 51		n.a.
T 15	5 18	12 27	2 9	2 52	0 32	7 40	0 26	23 46	0 50	23 54	0 33	13 35	2 38	1 31	0 36	4 13	2 5	33 32	11 11	18 21	18 49	3 48		n.a.
F 16	5 41	15 45	1 6	3 53	0 22	8 11	0 24	23 51	0 53	23 54	0 33	13 36	2 38	1 32	0 36	4 13	2 5	33 32	11 12	18 20	18 48	3 46		n.a.
S 17	6 3	18 23	0n 2	4 54	0 11	8 41	0 22	23 57	0 56	23 53	0 33	13 37	2 38	1 34	0 36	4 14	2 5	33 33	11 12	18 20	18 47	3 44		n.a.
S 18	6 26	20 10	1 10	5 55	0 0	9 10	0 19	24 2	0 59	23 53	0 34	13 38	2 38	1 35	0 36	4 15	2 4	33 33	11 12	18 20	18 46	3 41		n.a.
M19	6 48	20 55	2 17	6 56	0n10	9 40	0 17	24 7	1 2	23 53	0 34	13 38	2 38	1 36	0 36	4 15	2 4	33 33	11 13	18 20	18 46	3 39		n.a.
T 20	7 10	20 33	3 17	7 57	0 21	10 9	0 15	24 13	1 6	23 53	0 34	13 39	2 38	1 38	0 36	4 16	2 4	33 33	11 13	18 21	18 45	3 37		n.a.
W21	7 33	19 0	4 9	8 57	0 31	10 38	0 12	24 18	1 9	23 53	0 34	13 40	2 37	1 39	0 36	4 16	2 4	33 34	11 13	18 21	18 44	3 35		n.a.
T 22	7 55	16 19	4 47	9 56	0 41	11 7	0 10	24 23	1 12	23 53	0 35	13 40	2 37	1 40	0 36	4 17	2 4	33 34	11 14	18 21	18 43	3 32		n.a.
F 23	8 16	12 37	5 9	10 54	0 51	11 36	0 8	24 28	1 16	23 53	0 35	13 41	2 37	1 42	0 36	4 17	2 4	33 34	11 14	18 21	18 42	3 30		n.a.
S 24	8 38	8 6	5 12	11 50	1 0	12 4	0 5	24 34	1 19	23 53	0 35	13 42	2 37	1 43	0 36	4 18	2 4	33 35	11 14	18 20	18 41	3 28		n.a.
S 25	9 0	3 3	4 54	12 45	1 9	12 32	0 3	24 39	1 22	23 53	0 35	13 42	2 37	1 44	0 36	4 18	2 4	33 35	11 15	18 19	18 41	3 25		n.a.
M26	9 22	2n14	4 17	13 38	1 18	13 0	0 0	24 44	1 26	23 52	0 36	13 43	2 36	1 46	0 36	4 19	2 4	33 35	11 15	18 18	18 40	3 23		n.a.
T 27	9 43	7 24	3 23	14 30	1 26	13 27	0n 2	24 49	1 30	23 52	0 36	13 43	2 36	1 47	0 36	4 20	2 4	33 35	11 15	18 17	18 39	3 21		n.a.
W28	10 4	12 6	2 15	15 19	1 34	13 55	0 4	24 54	1 33	23 52	0 36	13 44	2 36	1 49	0 36	4 20	2 4	33 36	11 16	18 16	18 38	3 18		n.a.
T 29	10 25	16 0	0 59	16 6	1 40	14 21	0 7	24 59	1 37	23 52	0 36	13 44	2 36	1 50	0 36	4 21	2 4	33 36	11 16	18 16	18 37	3 16		n.a.
F 30	10n46	18n50	0s18	16n51	1n47	14n48	0n 9	25s 4	1s41	23s52	0s37	13n44	2n36	1n51	0s36	4n21	2n 4	33s36	11s16	18s16	18s37	3n14		n.a.

Julian Day Number = 1293805.5, Delta T = 07h56m44s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'07, Lahiri = -20°07'07 Julian Calendar 1 Apr. 1171 BCE == Greg. Calendar 21 March 1171 BCE

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

MAY 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 6	28♈30'05	8♊ 0	12♉19	9♉59	19♐34	12♑11	0°R55	6♈ 1	23°R53	18°R59	20♏52	22♏ 6	10♍38	n.a.	S 1
S 2	13 55 3	29°27'17	21°22	14°15	11°12	19°48	12°13	0♍53	6° 4	23♍52	18♑59	20°53	22° 3	10°45	n.a.	S 2
M 3	13 58 59	0♉24'28	4♋20	16° 8	12°26	20° 1	12°15	0°52	6° 7	23°51	18°59	20°55	22° 0	10°51	n.a.	M 3
T 4	14 2 56	1°21'39	16°57	17°59	13°39	20°14	12°17	0°51	6°10	23°50	18°59	20°56	21°57	10°58	n.a.	T 4
W 5	14 6 52	2°18'48	29°16	19°48	14°53	20°26	12°19	0°50	6°14	23°48	18°59	20°R57	21°54	11° 5	n.a.	W 5
T 6	14 10 49	3°15'57	11♌22	21°34	16° 6	20°38	12°20	0°49	6°17	23°47	18°59	20°56	21°51	11°11	n.a.	T 6
F 7	14 14 45	4°13'05	23°19	23°18	17°20	20°49	12°21	0°48	6°20	23°46	18°59	20°56	21°47	11°18	n.a.	F 7
S 8	14 18 42	5°10'12	5♍12	24°59	18°33	20°59	12°22	0°47	6°23	23°45	18°59	20°54	21°44	11°25	n.a.	S 8
S 9	14 22 38	6° 7'18	17° 4	26°38	19°47	21° 9	12°23	0°46	6°26	23°44	18°58	20°52	21°41	11°32	n.a.	S 9
M10	14 26 35	7° 4'24	29° 0	28°14	21° 0	21°18	12°24	0°46	6°29	23°43	18°58	20°50	21°38	11°38	n.a.	M10
T 11	14 30 32	8° 1'29	11♎ 2	29°48	22°13	21°26	12°24	0°45	6°32	23°42	18°58	20°48	21°35	11°45	n.a.	T 11
W12	14 34 28	8°58'33	23°14	1♊19	23°27	21°34	12°24	0°45	6°36	23°41	18°58	20°47	21°31	11°52	n.a.	W12
T 13	14 38 25	9°55'37	5♏35	2°47	24°40	21°41	12°R24	0°45	6°39	23°40	18°57	20°46	21°28	11°58	n.a.	T 13
F 14	14 42 21	10°52'41	18° 9	4°13	25°54	21°47	12°24	0°45	6°42	23°39	18°57	20°D45	21°25	12° 5	n.a.	F 14
S 15	14 46 18	11°49'45	0♐56	5°37	27° 7	21°53	12°24	0°44	6°45	23°38	18°57	20°45	21°22	12°12	n.a.	S 15
S 16	14 50 14	12°46'48	13°56	6°57	28°21	21°57	12°23	0°D44	6°47	23°37	18°56	20°46	21°19	12°19	n.a.	S 16
M17	14 54 11	13°43'52	27°10	8°15	29°34	22° 2	12°23	0°45	6°50	23°36	18°56	20°46	21°16	12°25	n.a.	M17
T 18	14 58 7	14°40'55	10♑37	9°31	0♊47	22° 5	12°22	0°45	6°53	23°35	18°56	20°47	21°12	12°32	n.a.	T 18
W19	15 2 4	15°37'59	24°19	10°43	2° 1	22° 7	12°20	0°45	6°56	23°34	18°55	20°48	21° 9	12°39	n.a.	W19
T 20	15 6 1	16°35'02	8♒13	11°53	3°14	22° 9	12°19	0°45	6°59	23°33	18°55	20°48	21° 6	12°45	n.a.	T 20
F 21	15 9 57	17°32'06	22°20	13° 0	4°27	22°10	12°18	0°46	7° 2	23°32	18°54	20°R48	21° 3	12°52	n.a.	F 21
S 22	15 13 54	18°29'10	6♓37	14° 3	5°41	22°R11	12°16	0°46	7° 5	23°32	18°54	20°48	21° 0	12°59	n.a.	S 22
S 23	15 17 50	19°26'15	21° 1	15° 4	6°54	22°10	12°14	0°47	7° 7	23°31	18°53	20°48	20°56	13° 6	n.a.	S 23
M24	15 21 47	20°23'19	5♈30	16° 1	8° 7	22° 9	12°12	0°48	7°10	23°30	18°53	20°D47	20°53	13°12	n.a.	M24
T 25	15 25 43	21°20'24	19°58	16°56	9°21	22° 7	12°10	0°49	7°13	23°30	18°52	20°47	20°50	13°19	n.a.	T 25
W26	15 29 40	22°17'30	4♉20	17°47	10°34	22° 4	12° 7	0°50	7°16	23°29	18°52	20°48	20°47	13°26	n.a.	W26
T 27	15 33 37	23°14'35	18°32	18°34	11°47	22° 0	12° 5	0°51	7°18	23°28	18°51	20°R48	20°44	13°32	n.a.	T 27
F 28	15 37 33	24°11'41	2♊28	19°18	13° 1	21°56	12° 2	0°52	7°21	23°28	18°50	20°48	20°41	13°39	n.a.	F 28
S 29	15 41 30	25° 8'47	16° 5	19°58	14°14	21°51	11°59	0°53	7°24	23°27	18°50	20°47	20°37	13°46	n.a.	S 29
S 30	15 45 26	26° 5'53	29°23	20°34	15°27	21°45	11°56	0°55	7°26	23°27	18°49	20°47	20°34	13°53	n.a.	S 30
M31	15 49 23	27♉ 2'59	12♋20	21♊ 6	16♊41	21♐39	11♑52	0♍56	7♈29	23♍26	18♑48	20♏46	20♏31	13♍59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11n 7	20n28	1s33	17n34	1n52	15n14	0n12	25s 9	1s44	23s52	0s37	13n45	2n36	1n52	0s36	4n22	2n 4	33s37	11s17	18s16	18s36	3n12		n.a.	
S 2	11 28	20 53	2 40	18 14	1 57	15 40	0 14	25 14	1 48	23 53	0 37	13 45	2 35	1 54	0 36	4 22	2 4	33 37	11 17	18 16	18 35	3 9		n.a.	
M 3	11 48	20 9	3 37	18 52	2 1	16 5	0 17	25 19	1 52	23 53	0 37	13 45	2 35	1 55	0 36	4 22	2 4	33 37	11 17	18 17	18 34	3 7		n.a.	
T 4	12 8	18 25	4 22	19 28	2 5	16 30	0 19	25 24	1 56	23 53	0 38	13 46	2 35	1 56	0 36	4 23	2 4	33 38	11 18	18 17	18 33	3 5		n.a.	
W 5	12 28	15 52	4 53	20 1	2 8	16 54	0 21	25 29	2 0	23 53	0 38	13 46	2 35	1 58	0 36	4 23	2 4	33 38	11 18	18 17	18 32	3 2		n.a.	
T 6	12 48	12 40	5 11	20 32	2 10	17 18	0 24	25 34	2 4	23 53	0 38	13 46	2 34	1 59	0 36	4 24	2 4	33 38	11 18	18 17	18 32	3 0		n.a.	
F 7	13 8	9 1	5 15	21 1	2 11	17 42	0 26	25 39	2 9	23 53	0 38	13 46	2 34	2 0	0 36	4 24	2 4	33 39	11 19	18 17	18 31	2 58		n.a.	
S 8	13 28	5 2	5 6	21 27	2 12	18 5	0 29	25 44	2 13	23 53	0 39	13 46	2 34	2 1	0 36	4 25	2 4	33 39	11 19	18 16	18 30	2 56		n.a.	
S 9	13 47	0 51	4 43	21 51	2 12	18 28	0 31	25 49	2 17	23 53	0 39	13 46	2 34	2 3	0 36	4 25	2 4	33 39	11 19	18 16	18 29	2 53		n.a.	
M10	14 6	3s23	4 8	22 13	2 11	18 50	0 33	25 54	2 21	23 54	0 39	13 46	2 34	2 4	0 36	4 25	2 4	33 40	11 20	18 15	18 28	2 51		n.a.	
T 11	14 25	7 32	3 22	22 33	2 10	19 12	0 36	25 59	2 26	23 54	0 39	13 46	2 33	2 5	0 36	4 26	2 4	33 40	11 20	18 15	18 27	2 49		n.a.	
W12	14 43	11 26	2 27	22 50	2 8	19 33	0 38	26 3	2 30	23 54	0 40	13 46	2 33	2 6	0 36	4 26	2 4	33 41	11 20	18 14	18 26	2 46		n.a.	
T 13	15 2	14 54	1 23	23 6	2 5	19 54	0 40	26 8	2 35	23 54	0 40	13 46	2 33	2 8	0 36	4 27	2 4	33 41	11 21	18 14	18 26	2 44		n.a.	
F 14	15 20	17 45	0 14	23 19	2 1	20 14	0 42	26 13	2 39	23 55	0 40	13 46	2 33	2 9	0 36	4 27	2 4	33 41	11 21	18 14	18 25	2 42		n.a.	
S 15	15 38	19 46	0n56	23 31	1 57	20 34	0 45	26 18	2 44	23 55	0 40	13 46	2 33	2 10	0 36	4 27	2 3	33 42	11 21	18 14	18 24	2 40		n.a.	
S 16	15 56	20 47	2 5	23 40	1 52	20 53	0 47	26 23	2 48	23 55	0 41	13 45	2 32	2 11	0 36	4 28	2 3	33 42	11 21	18 14	18 23	2 37		n.a.	
M17	16 13	20 40	3 8	23 48	1 47	21 11	0 49	26 28	2 53	23 56	0 41	13 45	2 32	2 12	0 36	4 28	2 3	33 42	11 22	18 14	18 22	2 35		n.a.	
T 18	16 30	19 22	4 3	23 54	1 41	21 29	0 51	26 33	2 58	23 56	0 41	13 45	2 32	2 13	0 36	4 28	2 3	33 43	11 22	18 15	18 21	2 33		n.a.	
W19	16 47	16 57	4 44	23 58	1 34	21 47	0 53	26 38	3 3	23 56	0 42	13 45	2 32	2 15	0 36	4 29	2 3	33 43	11 22	18 15	18 21	2 30		n.a.	
T 20	17 4	13 32	5 9	24 1	1 27	22 3	0 56	26 43	3 7	23 57	0 42	13 44	2 31	2 16	0 36	4 29	2 3	33 43	11 23	18 15	18 20	2 28		n.a.	
F 21	17 21	9 18	5 17	24 2	1 19	22 19	0 58	26 48	3 12	23 57	0 42	13 44	2 31	2 17	0 36	4 29	2 3	33 44	11 23	18 15	18 19	2 26		n.a.	
S 22	17 37	4 31	5 5	24 1	1 10	22 35	1 0	26 52	3 17	23 57	0 42	13 44	2 31	2 18	0 36	4 29	2 3	33 44	11 23	18 15	18 18	2 24		n.a.	
S 23	17 53	0n34	4 34	23 59	1 1	22 50	1 2	26 57	3 22	23 58	0 43	13 43	2 31	2 19	0 36	4 30	2 3	33 45	11 24	18 15	18 17	2 21		n.a.	
M24	18 8	5 40	3 46	23 56	0 51	23 4	1 4	27 2	3 27	23 58	0 43	13 43	2 31	2 20	0 36	4 30	2 3	33 45	11 24	18 15	18 16	2 19		n.a.	
T 25	18 24	10 26	2 43	23 51	0 41	23 18	1 6	27 7	3 32	23 59	0 43	13 42	2 30	2 21	0 36	4 30	2 3	33 45	11 24	18 15	18 15	2 17		n.a.	
W26	18 39	14 35	1 30	23 45	0 30	23 31	1 7	27 11	3 36	23 59	0 43	13 41	2 30	2 22	0 36	4 30	2 3	33 46	11 25	18 15	18 15	2 14		n.a.	
T 27	18 53	17 49	0 13	23 38	0 18	23 43	1 9	27 16	3 41	24 0	0 44	13 41	2 30	2 23	0 36	4 30	2 3	33 46	11 25	18 15	18 14	2 12		n.a.	
F 28	19 8	19 57	1s 4	23 30	0 6	23 54	1 11	27 21	3 46	24 0	0 44	13 40	2 30	2 24	0 36	4 31	2 3	33 47	11 25	18 15	18 13	2 10		n.a.	
S 29	19 22	20 51	2 16	23 20	0s 6	24 5	1 13	27 25	3 51	24 1	0 44	13 40	2 29	2 25	0 36	4 31	2 3	33 47	11 25	18 15	18 12	2 8		n.a.	
S 30	19 36	20 32	3 18	23 10	0 19	24 15	1 14	27 30	3 56	24 1	0 44	13 39	2 29	2 26	0 36	4 31	2 3	33 47	11 26	18 15	18 11	2 5		n.a.	
M31	19n49	19n 8	4s 8	22n59	0s33	24n25	1n16	27s34	4s 1	24s 2	0s45	13n38	2n29	2n27	0s37	4n31	2n 3	33s48	11s26	18s14	18s10	2n 3		n.a.	

Julian Day Number = 1293835.5, Delta T = 07h56m42s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°14'03, Lahiri = -20°07'03 Julian Calendar 1 May 1171 BCE == Greg. Calendar 20 Apr. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

JUNE 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 19	28♉ 0'05	24♋57	21♊34	17♊54	21°R31	11°R49	0♍58	7♈31	23°R25	18°R48	20°R45	20♏28	14♍ 6	n.a.	T 1
W 2	15 57 16	28°57'11	7♌18	21°57	19° 7	21♐23	11♑45	0°59	7°34	23♍25	18♑47	20♏45	20°25	14°13	n.a.	W 2
T 3	16 1 12	29°54'18	19°25	22°16	20°20	21°15	11°41	1° 1	7°36	23°25	18°46	20°44	20°22	14°19	n.a.	T 3
F 4	16 5 9	0♊51'24	1♍23	22°31	21°34	21° 5	11°37	1° 3	7°38	23°24	18°45	20°D44	20°18	14°26	n.a.	F 4
S 5	16 9 6	1°48'31	13°17	22°41	22°47	20°55	11°33	1° 5	7°41	23°24	18°45	20°44	20°15	14°33	n.a.	S 5
S 6	16 13 2	2°45'38	25°10	22°46	24° 0	20°45	11°28	1° 7	7°43	23°24	18°44	20°45	20°12	14°40	n.a.	S 6
M 7	16 16 59	3°42'45	7♎ 8	22°R47	25°13	20°34	11°24	1° 9	7°45	23°23	18°43	20°46	20° 9	14°46	n.a.	M 7
T 8	16 20 55	4°39'52	19°14	22°42	26°26	20°22	11°19	1°11	7°48	23°23	18°42	20°47	20° 6	14°53	n.a.	T 8
W 9	16 24 52	5°37'00	1♏32	22°33	27°40	20°10	11°14	1°13	7°50	23°23	18°41	20°48	20° 2	15° 0	n.a.	W 9
T 10	16 28 48	6°34'08	14° 5	22°19	28°53	19°57	11° 9	1°16	7°52	23°22	18°40	20°49	19°59	15° 6	n.a.	T 10
F 11	16 32 45	7°31'17	26°55	22° 0	0♋ 6	19°44	11° 4	1°18	7°54	23°22	18°39	20°R49	19°56	15°13	n.a.	F 11
S 12	16 36 41	8°28'27	10♐ 2	21°37	1°19	19°30	10°59	1°21	7°56	23°22	18°38	20°48	19°53	15°20	n.a.	S 12
S 13	16 40 38	9°25'37	23°26	21°10	2°32	19°16	10°53	1°24	7°58	23°22	18°38	20°46	19°50	15°27	n.a.	S 13
M14	16 44 35	10°22'48	7♑ 5	20°38	3°45	19° 2	10°48	1°26	8° 0	23°22	18°37	20°44	19°47	15°33	n.a.	M14
T 15	16 48 31	11°20'00	20°57	20° 4	4°58	18°47	10°42	1°29	8° 2	23°22	18°36	20°41	19°43	15°40	n.a.	T 15
W16	16 52 28	12°17'13	5♒ 0	19°26	6°11	18°32	10°36	1°32	8° 4	23°D22	18°35	20°39	19°40	15°47	n.a.	W16
T 17	16 56 24	13°14'27	19° 9	18°46	7°24	18°16	10°30	1°35	8° 6	23°22	18°34	20°36	19°37	15°53	n.a.	T 17
F 18	17 0 21	14°11'42	3♓21	18° 4	8°37	18° 1	10°24	1°38	8° 8	23°22	18°33	20°35	19°34	16° 0	n.a.	F 18
S 19	17 4 17	15° 8'58	17°35	17°20	9°50	17°45	10°17	1°41	8°10	23°22	18°32	20°D35	19°31	16° 7	n.a.	S 19
S 20	17 8 14	16° 6'16	1♈47	16°37	11° 3	17°29	10°11	1°45	8°11	23°22	18°31	20°35	19°28	16°14	n.a.	S 20
M21	17 12 11	17° 3'34	15°56	15°54	12°16	17°13	10° 4	1°48	8°13	23°22	18°30	20°37	19°24	16°20	n.a.	M21
T 22	17 16 7	18° 0'54	29°58	15°12	13°29	16°57	9°58	1°51	8°15	23°22	18°28	20°38	19°21	16°27	n.a.	T 22
W23	17 20 4	18°58'16	13♉53	14°32	14°42	16°41	9°51	1°55	8°16	23°23	18°27	20°R39	19°18	16°34	n.a.	W23
T 24	17 24 0	19°55'38	27°39	13°55	15°55	16°25	9°44	1°59	8°18	23°23	18°26	20°39	19°15	16°40	n.a.	T 24
F 25	17 27 57	20°53'02	11♊12	13°21	17° 8	16° 9	9°37	2° 2	8°19	23°23	18°25	20°38	19°12	16°47	n.a.	F 25
S 26	17 31 53	21°50'27	24°32	12°51	18°21	15°53	9°30	2° 6	8°21	23°23	18°24	20°35	19° 8	16°54	n.a.	S 26
S 27	17 35 50	22°47'53	7♋37	12°26	19°34	15°38	9°23	2°10	8°22	23°24	18°23	20°30	19° 5	17° 0	n.a.	S 27
M28	17 39 46	23°45'20	20°25	12° 7	20°47	15°22	9°16	2°14	8°24	23°24	18°22	20°25	19° 2	17° 7	n.a.	M28
T 29	17 43 43	24°42'48	2♌58	11°53	22° 0	15° 7	9° 8	2°18	8°25	23°25	18°21	20°19	18°59	17°14	n.a.	T 29
W30	17 47 40	25♊40'18	15♌16	11♊45	23♋13	14♐53	9♑ 1	2♍22	8♈27	23♍25	18♑19	20♏14	18♏56	17♍21	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 2	16n49	4s45	22n47	0s46	24n34	1n18	27s39	4s 6	24s 3	0s45	13n37	2n29	2n28	0s37	4n31	2n 3	33s48	11s26	18s14	18s 9	2n 1		n.a.
W 2	20 15	13 47	5 8	22 35	1 0	24 42	1 19	27 43	4 11	24 3	0 45	13 37	2 29	2 29	0 37	4 31	2 3	33 48	11 27	18 14	18 9	1 58		n.a.
T 3	20 28	10 14	5 17	22 21	1 15	24 49	1 21	27 47	4 15	24 4	0 45	13 36	2 28	2 30	0 37	4 32	2 2	33 49	11 27	18 14	18 8	1 56		n.a.
F 4	20 40	6 19	5 11	22 8	1 30	24 55	1 22	27 51	4 20	24 4	0 46	13 35	2 28	2 31	0 37	4 32	2 2	33 49	11 27	18 14	18 7	1 54		n.a.
S 5	20 52	2 11	4 53	21 53	1 44	25 1	1 24	27 55	4 25	24 5	0 46	13 34	2 28	2 32	0 37	4 32	2 2	33 50	11 27	18 14	18 6	1 52		n.a.
S 6	21 3	2s 2	4 21	21 39	1 59	25 6	1 25	27 59	4 30	24 6	0 46	13 33	2 28	2 33	0 37	4 32	2 2	33 50	11 28	18 14	18 5	1 49		n.a.
M 7	21 14	6 13	3 39	21 24	2 14	25 11	1 26	28 3	4 34	24 6	0 46	13 32	2 27	2 34	0 37	4 32	2 2	33 50	11 28	18 14	18 4	1 47		n.a.
T 8	21 25	10 12	2 46	21 9	2 29	25 14	1 27	28 6	4 39	24 7	0 47	13 31	2 27	2 35	0 37	4 32	2 2	33 51	11 28	18 15	18 3	1 45		n.a.
W 9	21 36	13 50	1 45	20 54	2 44	25 17	1 28	28 10	4 43	24 8	0 47	13 30	2 27	2 36	0 37	4 32	2 2	33 51	11 28	18 15	18 3	1 43		n.a.
T 10	21 46	16 55	0 37	20 38	2 58	25 19	1 30	28 13	4 47	24 8	0 47	13 29	2 27	2 37	0 37	4 32	2 2	33 52	11 29	18 15	18 2	1 40		n.a.
F 11	21 55	19 15	0n34	20 23	3 12	25 21	1 31	28 16	4 52	24 9	0 47	13 28	2 27	2 37	0 37	4 32	2 2	33 52	11 29	18 15	18 1	1 38		n.a.
S 12	22 5	20 36	1 44	20 9	3 26	25 21	1 32	28 19	4 56	24 10	0 48	13 27	2 26	2 38	0 37	4 32	2 2	33 52	11 29	18 15	18 0	1 36		n.a.
S 13	22 14	20 50	2 50	19 54	3 38	25 21	1 32	28 22	5 0	24 10	0 48	13 26	2 26	2 39	0 37	4 32	2 2	33 53	11 29	18 14	17 59	1 34		n.a.
M14	22 22	19 51	3 48	19 40	3 50	25 20	1 33	28 25	5 4	24 11	0 48	13 24	2 26	2 40	0 37	4 32	2 2	33 53	11 30	18 14	17 58	1 31		n.a.
T 15	22 30	17 40	4 33	19 27	4 1	25 18	1 34	28 27	5 8	24 12	0 48	13 23	2 26	2 41	0 37	4 32	2 2	33 53	11 30	18 13	17 57	1 29		n.a.
W16	22 38	14 26	5 3	19 15	4 10	25 16	1 35	28 30	5 11	24 13	0 49	13 22	2 26	2 41	0 37	4 32	2 2	33 54	11 30	18 12	17 56	1 27		n.a.
T 17	22 46	10 21	5 14	19 3	4 18	25 12	1 35	28 32	5 15	24 13	0 49	13 21	2 25	2 42	0 37	4 32	2 2	33 54	11 30	18 12	17 56	1 24		n.a.
F 18	22 53	5 41	5 7	18 53	4 25	25 9	1 36	28 34	5 18	24 14	0 49	13 19	2 25	2 43	0 37	4 32	2 2	33 55	11 30	18 11	17 55	1 22		n.a.
S 19	22 59	0 42	4 40	18 44	4 31	25 4	1 36	28 36	5 22	24 15	0 49	13 18	2 25	2 43	0 37	4 32	2 1	33 55	11 31	18 11	17 54	1 20		n.a.
S 20	23 6	4n20	3 57	18 36	4 34	24 58	1 37	28 37	5 25	24 15	0 50	13 16	2 25	2 44	0 37	4 32	2 1	33 55	11 31	18 11	17 53	1 18		n.a.
M21	23 11	9 7	2 59	18 30	4 36	24 52	1 37	28 39	5 28	24 16	0 50	13 15	2 25	2 45	0 37	4 31	2 1	33 56	11 31	18 12	17 52	1 15		n.a.
T 22	23 17	13 22	1 51	18 25	4 36	24 45	1 37	28 40	5 31	24 17	0 50	13 14	2 24	2 45	0 37	4 31	2 1	33 56	11 31	18 12	17 51	1 13		n.a.
W23	23 22	16 51	0 37	18 22	4 35	24 37	1 38	28 41	5 34	24 18	0 50	13 12	2 24	2 46	0 37	4 31	2 1	33 56	11 32	18 12	17 50	1 11		n.a.
T 24	23 27	19 20	0s38	18 21	4 32	24 29	1 38	28 42	5 36	24 18	0 50	13 11	2 24	2 47	0 37	4 31	2 1	33 57	11 32	18 12	17 49	1 9		n.a.
F 25	23 31	20 40	1 50	18 22	4 27	24 20	1 38	28 42	5 39	24 19	0 51	13 9	2 24	2 47	0 37	4 31	2 1	33 57	11 32	18 12	17 49	1 6		n.a.
S 26	23 35	20 49	2 55	18 24	4 20	24 10	1 38	28 43	5 41	24 20	0 51	13 8	2 24	2 48	0 37	4 31	2 1	33 57	11 32	18 11	17 48	1 4		n.a.
S 27	23 38	19 48	3 49	18 29	4 13	23 59	1 38	28 43	5 43	24 21	0 51	13 6	2 23	2 48	0 37	4 31	2 1	33 58	11 32	18 10	17 47	1 2		n.a.
M28	23 41	17 48	4 30	18 36	4 3	23 48	1 38	28 43	5 45	24 21	0 51	13 4	2 23	2 49	0 37	4 30	2 1	33 58	11 32	18 9	17 46	1 0		n.a.
T 29	23 43	15 0	4 57	18 44	3 53	23 36	1 37	28 43	5 46	24 22	0 51	13 3	2 23	2 49	0 37	4 30	2 1	33 58	11 33	18 7	17 45	0 57		n.a.
W30	23n46	11n35	5s10	18n55	3s41	23n23	1n37	28s43	5s48	24s23	0s52	13n 1	2n23	2n50	0s37	4n30	2n 1	33s59	11s33	18s 6	17s44	0n55		n.a.

Julian Day Number = 1293866.5, Delta T = 07h56m40s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'59, Lahiri = -20°06'58 Julian Calendar 1 June 1171 BCE == Greg. Calendar 21 May 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

JULY 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 36	26♊37'48	27♌22	11°D43	24♋26	14°R38	8°R53	2♍26	8♈28	23♍25	18°R18	20°R 9	18♏53	17♍27	n.a.	T 1
F 2	17 55 33	27°35'19	9♍19	11♊48	25°39	14♐24	8♑46	2°30	8°29	23°26	18♑17	20♏ 6	18°49	17°34	n.a.	F 2
S 3	17 59 29	28°32'52	21°12	12° 0	26°51	14°11	8°38	2°35	8°30	23°26	18°16	20° 4	18°46	17°41	n.a.	S 3
S 4	18 3 26	29°30'25	3♎ 4	12°19	28° 4	13°58	8°31	2°39	8°31	23°27	18°15	20°D 4	18°43	17°47	n.a.	S 4
M 5	18 7 22	0♋27'59	15° 1	12°45	29°17	13°46	8°23	2°43	8°32	23°28	18°13	20° 5	18°40	17°54	n.a.	M 5
T 6	18 11 19	1°25'35	27° 8	13°18	0♌30	13°34	8°15	2°48	8°33	23°28	18°12	20° 6	18°37	18° 1	n.a.	T 6
W 7	18 15 15	2°23'12	9♏29	13°58	1°42	13°23	8° 7	2°53	8°34	23°29	18°11	20° 8	18°34	18° 8	n.a.	W 7
T 8	18 19 12	3°20'50	22° 9	14°44	2°55	13°12	8° 0	2°57	8°35	23°30	18°10	20°R 8	18°30	18°14	n.a.	T 8
F 9	18 23 9	4°18'30	5♐ 9	15°38	4° 8	13° 2	7°52	3° 2	8°36	23°30	18° 8	20° 7	18°27	18°21	n.a.	F 9
S 10	18 27 5	5°16'11	18°33	16°37	5°20	12°53	7°44	3° 7	8°37	23°31	18° 7	20° 4	18°24	18°28	n.a.	S 10
S 11	18 31 2	6°13'53	2♑19	17°43	6°33	12°44	7°36	3°12	8°38	23°32	18° 6	19°59	18°21	18°34	n.a.	S 11
M12	18 34 58	7°11'37	16°24	18°56	7°46	12°36	7°28	3°17	8°39	23°33	18° 5	19°52	18°18	18°41	n.a.	M12
T 13	18 38 55	8° 9'22	0♒45	20°14	8°58	12°29	7°20	3°22	8°39	23°33	18° 3	19°45	18°14	18°48	n.a.	T 13
W14	18 42 51	9° 7'09	15°14	21°37	10°11	12°23	7°13	3°27	8°40	23°34	18° 2	19°38	18°11	18°55	n.a.	W14
T 15	18 46 48	10° 4'58	29°46	23° 5	11°23	12°17	7° 5	3°32	8°41	23°35	18° 1	19°31	18° 8	19° 1	n.a.	T 15
F 16	18 50 44	11° 2'49	14♓15	24°39	12°36	12°12	6°57	3°37	8°41	23°36	18° 0	19°26	18° 5	19° 8	n.a.	F 16
S 17	18 54 41	12° 0'42	28°36	26°16	13°48	12° 8	6°49	3°42	8°42	23°37	17°58	19°24	18° 2	19°15	n.a.	S 17
S 18	18 58 38	12°58'37	12♈46	27°58	15° 1	12° 4	6°41	3°48	8°42	23°38	17°57	19°D23	17°59	19°21	n.a.	S 18
M19	19 2 34	13°56'33	26°43	29°42	16°13	12° 2	6°33	3°53	8°42	23°39	17°56	19°23	17°55	19°28	n.a.	M19
T 20	19 6 31	14°54'32	10♉29	1♋30	17°25	12° 0	6°26	3°58	8°43	23°40	17°54	19°24	17°52	19°35	n.a.	T 20
W21	19 10 27	15°52'33	24° 2	3°21	18°38	11°59	6°18	4° 4	8°43	23°41	17°53	19°R24	17°49	19°41	n.a.	W21
T 22	19 14 24	16°50'36	7♊23	5°13	19°50	11°D59	6°10	4° 9	8°43	23°42	17°52	19°23	17°46	19°48	n.a.	T 22
F 23	19 18 20	17°48'41	20°33	7° 7	21° 2	11°59	6° 3	4°15	8°43	23°43	17°51	19°19	17°43	19°55	n.a.	F 23
S 24	19 22 17	18°46'48	3♋32	9° 3	22°15	12° 0	5°55	4°21	8°44	23°45	17°49	19°12	17°40	20° 2	n.a.	S 24
S 25	19 26 13	19°44'57	16°18	10°59	23°27	12° 3	5°48	4°26	8°44	23°46	17°48	19° 4	17°36	20° 8	n.a.	S 25
M26	19 30 10	20°43'08	28°53	12°56	24°39	12° 6	5°41	4°32	8°R44	23°47	17°47	18°53	17°33	20°15	n.a.	M26
T 27	19 34 7	21°41'20	11♌16	14°53	25°51	12° 9	5°33	4°38	8°44	23°48	17°45	18°41	17°30	20°22	n.a.	T 27
W28	19 38 3	22°39'34	23°28	16°50	27° 3	12°14	5°26	4°44	8°44	23°50	17°44	18°30	17°27	20°28	n.a.	W28
T 29	19 42 0	23°37'50	5♍30	18°47	28°15	12°19	5°19	4°50	8°44	23°51	17°43	18°20	17°24	20°35	n.a.	T 29
F 30	19 45 56	24°36'08	17°24	20°44	29°28	12°26	5°12	4°56	8°43	23°52	17°41	18°12	17°20	20°42	n.a.	F 30
S 31	19 49 53	25♋34'28	29♍14	22♋40	0♍40	12♐33	5♑ 5	5♍ 2	8♈43	23♍54	17♑40	18♏ 6	17♏17	20♍48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	7n46	5s 8	19n 7	3s28	23n10	1n37	28s43	5s49	24s23	0s52	12n59	2n23	2n50	0s37	4n30	2n 1	33s59	11s33	18s 4	17s43	0n53			n.a.
F 2	23 49	3 40	4 54	19 21	3 15	22 56	1 36	28 42	5 50	24 24	0 52	12 58	2 22	2 51	0 37	4 29	2 1	33 59	11 33	18 3	17 42	0 51			n.a.
S 3	23 49	0s32	4 26	19 37	3 1	22 41	1 36	28 41	5 51	24 25	0 52	12 56	2 22	2 51	0 37	4 29	2 1	34 0	11 33	18 3	17 41	0 48			n.a.
S 4	23 50	4 43	3 48	19 54	2 46	22 26	1 35	28 41	5 52	24 26	0 52	12 54	2 22	2 52	0 37	4 29	2 0	34 0	11 33	18 3	17 41	0 46			n.a.
M 5	23 50	8 45	2 59	20 12	2 31	22 10	1 34	28 40	5 53	24 26	0 53	12 52	2 22	2 52	0 37	4 29	2 0	34 0	11 34	18 3	17 40	0 44			n.a.
T 6	23 49	12 30	2 2	20 32	2 15	21 54	1 33	28 39	5 54	24 27	0 53	12 50	2 22	2 53	0 37	4 28	2 0	34 1	11 34	18 4	17 39	0 42			n.a.
W 7	23 49	15 48	0 57	20 52	2 0	21 36	1 33	28 38	5 54	24 28	0 53	12 49	2 22	2 53	0 37	4 28	2 0	34 1	11 34	18 4	17 38	0 39			n.a.
T 8	23 47	18 26	0n11	21 13	1 44	21 19	1 32	28 36	5 54	24 28	0 53	12 47	2 21	2 53	0 37	4 28	2 0	34 1	11 34	18 4	17 37	0 37			n.a.
F 9	23 46	20 12	1 20	21 35	1 28	21 0	1 31	28 35	5 54	24 29	0 53	12 45	2 21	2 54	0 37	4 27	2 0	34 2	11 34	18 4	17 36	0 35			n.a.
S 10	23 44	20 53	2 27	21 57	1 13	20 41	1 29	28 34	5 54	24 29	0 53	12 43	2 21	2 54	0 37	4 27	2 0	34 2	11 34	18 3	17 35	0 33			n.a.
S 11	23 41	20 21	3 28	22 18	0 57	20 22	1 28	28 32	5 54	24 30	0 54	12 41	2 21	2 54	0 37	4 26	2 0	34 2	11 34	18 2	17 34	0 30			n.a.
M12	23 38	18 34	4 17	22 40	0 42	20 2	1 27	28 31	5 53	24 31	0 54	12 39	2 21	2 55	0 37	4 26	2 0	34 3	11 34	18 0	17 33	0 28			n.a.
T 13	23 35	15 36	4 50	23 0	0 28	19 41	1 26	28 30	5 53	24 31	0 54	12 37	2 21	2 55	0 37	4 26	2 0	34 3	11 34	17 58	17 33	0 26			n.a.
W14	23 31	11 40	5 6	23 20	0 14	19 20	1 24	28 28	5 52	24 32	0 54	12 35	2 20	2 55	0 38	4 25	2 0	34 3	11 35	17 56	17 32	0 24			n.a.
T 15	23 27	7 2	5 2	23 39	0 0	18 58	1 23	28 26	5 52	24 32	0 54	12 33	2 20	2 55	0 38	4 25	2 0	34 3	11 35	17 54	17 31	0 21			n.a.
F 16	23 22	2 1	4 39	23 56	0n13	18 36	1 21	28 25	5 51	24 33	0 54	12 31	2 20	2 55	0 38	4 24	2 0	34 4	11 35	17 53	17 30	0 19			n.a.
S 17	23 17	3n 4	3 58	24 12	0 25	18 13	1 20	28 23	5 50	24 34	0 54	12 29	2 20	2 56	0 38	4 24	2 0	34 4	11 35	17 52	17 29	0 17			n.a.
S 18	23 11	7 56	3 4	24 25	0 36	17 50	1 18	28 22	5 49	24 34	0 55	12 27	2 20	2 56	0 38	4 24	2 0	34 4	11 35	17 52	17 28	0 15			n.a.
M19	23 5	12 18	1 59	24 37	0 47	17 27	1 16	28 20	5 47	24 35	0 55	12 25	2 20	2 56	0 38	4 23	2 0	34 5	11 35	17 52	17 27	0 13			n.a.
T 20	22 59	15 58	0 48	24 46	0 57	17 3	1 14	28 19	5 46	24 35	0 55	12 22	2 20	2 56	0 38	4 23	1 59	34 5	11 35	17 52	17 26	0 10			n.a.
W21	22 52	18 41	0s25	24 53	1 5	16 38	1 12	28 17	5 45	24 36	0 55	12 20	2 19	2 56	0 38	4 22	1 59	34 5	11 35	17 52	17 25	0 8			n.a.
T 22	22 45	20 21	1 35	24 57	1 13	16 13	1 10	28 15	5 43	24 36	0 55	12 18	2 19	2 56	0 38	4 22	1 59	34 5	11 35	17 52	17 24	0 6			n.a.
F 23	22 37	20 51	2 38	24 59	1 21	15 48	1 8	28 14	5 41	24 37	0 55	12 16	2 19	2 56	0 38	4 21	1 59	34 6	11 35	17 51	17 24	0 4			n.a.
S 24	22 29	20 14	3 33	24 58	1 27	15 22	1 6	28 12	5 40	24 37	0 55	12 14	2 19	2 56	0 38	4 21	1 59	34 6	11 35	17 49	17 23	0 1			n.a.
S 25	22 21	18 35	4 16	24 54	1 32	14 56	1 4	28 11	5 38	24 37	0 55	12 11	2 19	2 56	0 38	4 20	1 59	34 6	11 35	17 46	17 22	0s 1			n.a.
M26	22 12	16 4	4 45	24 48	1 37	14 29	1 2	28 10	5 36	24 38	0 55	12 9	2 19	2 56	0 38	4 20	1 59	34 6	11 35	17 43	17 21	0 3			n.a.
T 27	22 3	12 52	5 0	24 39	1 41	14 2	0 59	28 8	5 34	24 38	0 55	12 7	2 19	2 56	0 38	4 19	1 59	34 6	11 35	17 40	17 20	0 5			n.a.
W28	21 54	9 10	5 2	24 28	1 43	13 35	0 57	28 7	5 32	24 39	0 56	12 4	2 19	2 56	0 38	4 18	1 59	34 7	11 35	17 37	17 19	0 7			n.a.
T 29	21 44	5 10	4 50	24 14	1 46	13 7	0 54	28 6	5 30	24 39	0 56	12 2	2 18	2 56	0 38	4 18	1 59	34 7	11 35	17 34	17 18	0 10			n.a.
F 30	21 33	1 0	4 25	23 58	1 47	12 39	0 52	28 4	5 28	24 39	0 56	12 0	2 18	2 56	0 38	4 17	1 59	34 7	11 35	17 32	17 17	0 12			n.a.
S 31	21n22	3s11	3s49	23n40	1n48	12n11	0n49	28s 3	5s26	24s40	0s56	11n57	2n18	2n56	0s38	4n17	1n59	34s 7	11s35	17s30	17s16	0s14			n.a.

Julian Day Number = 1293896.5, Delta T = 07h56m39s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'55, Lahiri = -20°06'54 Julian Calendar 1 July 1171 BCE == Greg. Calendar 20 June 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

AUGUST 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 49	26♋32'49	11♎ 4	24♋36	1♍52	12♐40	4°R58	5♍ 8	8°R43	23♍55	17°R39	18°R 3	17♏14	20♍55	n.a.	S 1
M 2	19 57 46	27°31'12	22°59	26°30	3° 3	12°49	4♑52	5°14	8♈43	23°56	17♑38	18°D 2	17°11	21° 2	n.a.	M 2
T 3	20 1 42	28°29'36	5♏ 3	28°24	4°15	12°58	4°45	5°20	8°42	23°58	17°36	18♏ 2	17° 8	21° 9	n.a.	T 3
W 4	20 5 39	29°28'03	17°22	0♌17	5°27	13° 8	4°38	5°27	8°42	23°59	17°35	18°R 2	17° 5	21°15	n.a.	W 4
T 5	20 9 36	0♌26'31	0♐ 2	2° 9	6°39	13°19	4°32	5°33	8°41	24° 1	17°34	18° 1	17° 1	21°22	n.a.	T 5
F 6	20 13 32	1°25'01	13° 6	4° 0	7°51	13°31	4°26	5°39	8°41	24° 2	17°33	17°59	16°58	21°29	n.a.	F 6
S 7	20 17 29	2°23'33	26°37	5°50	9° 3	13°43	4°20	5°45	8°40	24° 4	17°31	17°54	16°55	21°35	n.a.	S 7
S 8	20 21 25	3°22'07	10♑35	7°39	10°14	13°56	4°14	5°52	8°40	24° 5	17°30	17°47	16°52	21°42	n.a.	S 8
M 9	20 25 22	4°20'43	24°59	9°27	11°26	14° 9	4° 8	5°58	8°39	24° 7	17°29	17°37	16°49	21°49	n.a.	M 9
T 10	20 29 18	5°19'21	9♒42	11°14	12°37	14°23	4° 2	6° 5	8°38	24° 9	17°28	17°26	16°45	21°55	n.a.	T 10
W11	20 33 15	6°18'01	24°37	13° 0	13°49	14°38	3°57	6°11	8°37	24°10	17°26	17°15	16°42	22° 2	n.a.	W11
T 12	20 37 11	7°16'43	9♓35	14°45	15° 1	14°54	3°51	6°18	8°37	24°12	17°25	17° 5	16°39	22° 9	n.a.	T 12
F 13	20 41 8	8°15'27	24°26	16°28	16°12	15°10	3°46	6°24	8°36	24°13	17°24	16°58	16°36	22°16	n.a.	F 13
S 14	20 45 4	9°14'14	9♈ 3	18°11	17°23	15°27	3°41	6°31	8°35	24°15	17°23	16°53	16°33	22°22	n.a.	S 14
S 15	20 49 1	10°13'03	23°22	19°53	18°35	15°44	3°36	6°38	8°34	24°17	17°22	16°50	16°30	22°29	n.a.	S 15
M16	20 52 58	11°11'54	7♉21	21°33	19°46	16° 2	3°31	6°44	8°33	24°19	17°20	16°50	16°26	22°36	n.a.	M16
T 17	20 56 54	12°10'48	21° 1	23°13	20°57	16°20	3°27	6°51	8°32	24°20	17°19	16°50	16°23	22°42	n.a.	T 17
W18	21 0 51	13° 9'45	4♊22	24°52	22° 8	16°39	3°23	6°58	8°31	24°22	17°18	16°49	16°20	22°49	n.a.	W18
T 19	21 4 47	14° 8'44	17°27	26°30	23°20	16°59	3°18	7° 5	8°30	24°24	17°17	16°46	16°17	22°56	n.a.	T 19
F 20	21 8 44	15° 7'45	0♋18	28° 7	24°31	17°19	3°14	7°11	8°29	24°26	17°16	16°41	16°14	23° 2	n.a.	F 20
S 21	21 12 40	16° 6'49	12°58	29°43	25°42	17°40	3°10	7°18	8°27	24°28	17°15	16°33	16°11	23° 9	n.a.	S 21
S 22	21 16 37	17° 5'55	25°28	1♍18	26°53	18° 1	3° 7	7°25	8°26	24°30	17°14	16°22	16° 7	23°16	n.a.	S 22
M23	21 20 33	18° 5'04	7♌48	2°52	28° 4	18°23	3° 3	7°32	8°25	24°31	17°13	16° 9	16° 4	23°23	n.a.	M23
T 24	21 24 30	19° 4'14	19°59	4°26	29°15	18°45	3° 0	7°39	8°23	24°33	17°12	15°54	16° 1	23°29	n.a.	T 24
W25	21 28 27	20° 3'27	2♍ 2	5°58	0♎25	19° 8	2°57	7°46	8°22	24°35	17°10	15°40	15°58	23°36	n.a.	W25
T 26	21 32 23	21° 2'42	13°58	7°30	1°36	19°31	2°54	7°53	8°21	24°37	17° 9	15°27	15°55	23°43	n.a.	T 26
F 27	21 36 20	22° 1'59	25°50	9° 1	2°47	19°55	2°51	8° 0	8°19	24°39	17° 8	15°17	15°51	23°49	n.a.	F 27
S 28	21 40 16	23° 1'18	7♎38	10°31	3°57	20°19	2°48	8° 7	8°18	24°41	17° 7	15° 9	15°48	23°56	n.a.	S 28
S 29	21 44 13	24° 0'39	19°26	12° 0	5° 8	20°43	2°46	8°14	8°16	24°43	17° 6	15° 4	15°45	24° 3	n.a.	S 29
M30	21 48 9	25° 0'02	1♏19	13°28	6°18	21° 8	2°44	8°21	8°14	24°45	17° 5	15° 1	15°42	24° 9	n.a.	M30
T 31	21 52 6	25♌59'27	13♏20	14♍56	7♎29	21♐34	2♑42	8♍28	8♈13	24♍47	17♑ 4	15°D 1	15♏39	24♍16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n11	7s15	3s 3	23n20	1n48	11n42	0n46	28s 2	5s23	24s40	0s56	11n55	2n18	2n56	0s38	4n16	1n59	34s 7	11s35	17s29	17s15	0s16		n.a.	S 1
M 2	21 0	11 4	2 9	22 58	1 48	11 14	0 44	28 1	5 21	24 40	0 56	11 53	2 18	2 56	0 38	4 15	1 59	34 8	11 35	17 29	17 14	0 19		n.a.	M 2
T 3	20 48	14 29	1 8	22 34	1 47	10 44	0 41	28 0	5 19	24 41	0 56	11 50	2 18	2 55	0 38	4 15	1 59	34 8	11 35	17 29	17 14	0 21		n.a.	T 3
W 4	20 36	17 21	0 4	22 8	1 45	10 15	0 38	27 59	5 16	24 41	0 56	11 48	2 18	2 55	0 38	4 14	1 59	34 8	11 35	17 29	17 13	0 23		n.a.	W 4
T 5	20 23	19 28	1n 3	21 41	1 43	9 45	0 35	27 58	5 14	24 41	0 56	11 45	2 18	2 55	0 38	4 14	1 59	34 8	11 35	17 29	17 12	0 25		n.a.	T 5
F 6	20 10	20 37	2 9	21 12	1 41	9 15	0 32	27 57	5 12	24 41	0 56	11 43	2 18	2 55	0 38	4 13	1 59	34 8	11 35	17 28	17 11	0 27		n.a.	F 6
S 7	19 57	20 38	3 9	20 42	1 38	8 45	0 29	27 56	5 9	24 42	0 56	11 40	2 17	2 55	0 38	4 12	1 59	34 8	11 35	17 27	17 10	0 30		n.a.	S 7
S 8	19 43	19 24	4 1	20 10	1 34	8 15	0 26	27 55	5 7	24 42	0 56	11 38	2 17	2 54	0 38	4 12	1 58	34 9	11 35	17 25	17 9	0 32		n.a.	S 8
M 9	19 29	16 56	4 38	19 38	1 31	7 45	0 23	27 54	5 4	24 42	0 56	11 35	2 17	2 54	0 38	4 11	1 58	34 9	11 35	17 22	17 8	0 34		n.a.	M 9
T 10	19 15	13 19	4 58	19 4	1 26	7 14	0 20	27 53	5 2	24 42	0 56	11 33	2 17	2 54	0 38	4 10	1 58	34 9	11 35	17 19	17 7	0 36		n.a.	T 10
W11	19 0	8 51	4 58	18 30	1 22	6 43	0 16	27 53	4 59	24 43	0 56	11 30	2 17	2 53	0 38	4 9	1 58	34 9	11 35	17 16	17 6	0 38		n.a.	W11
T 12	18 45	3 49	4 38	17 54	1 17	6 12	0 13	27 52	4 56	24 43	0 56	11 28	2 17	2 53	0 38	4 9	1 58	34 9	11 35	17 13	17 5	0 41		n.a.	T 12
F 13	18 30	1n24	4 0	17 18	1 12	5 41	0 10	27 51	4 54	24 43	0 56	11 25	2 17	2 53	0 38	4 8	1 58	34 9	11 35	17 11	17 4	0 43		n.a.	F 13
S 14	18 14	6 29	3 5	16 41	1 7	5 9	0 6	27 51	4 51	24 43	0 56	11 23	2 17	2 52	0 38	4 7	1 58	34 9	11 35	17 9	17 3	0 45		n.a.	S 14
S 15	17 58	11 5	2 1	16 4	1 1	4 38	0 3	27 50	4 49	24 43	0 56	11 20	2 17	2 52	0 38	4 7	1 58	34 9	11 35	17 8	17 2	0 47		n.a.	S 15
M16	17 42	14 59	0 50	15 25	0 56	4 6	0s 1	27 49	4 46	24 43	0 56	11 18	2 17	2 51	0 38	4 6	1 58	34 10	11 35	17 8	17 2	0 49		n.a.	M16
T 17	17 25	17 57	0s22	14 47	0 50	3 35	0 4	27 49	4 43	24 44	0 56	11 15	2 17	2 51	0 38	4 5	1 58	34 10	11 35	17 8	17 1	0 52		n.a.	T 17
W18	17 8	19 52	1 31	14 8	0 43	3 3	0 8	27 48	4 41	24 44	0 56	11 12	2 17	2 51	0 38	4 4	1 58	34 10	11 35	17 8	17 0	0 54		n.a.	W18
T 19	16 51	20 40	2 34	13 28	0 37	2 31	0 11	27 47	4 38	24 44	0 56	11 10	2 17	2 50	0 38	4 4	1 58	34 10	11 35	17 7	16 59	0 56		n.a.	T 19
F 20	16 34	20 22	3 28	12 48	0 31	1 59	0 15	27 47	4 35	24 44	0 56	11 7	2 17	2 50	0 38	4 3	1 58	34 10	11 35	17 6	16 58	0 58		n.a.	F 20
S 21	16 16	19 2	4 11	12 8	0 24	1 27	0 19	27 46	4 33	24 44	0 56	11 5	2 16	2 49	0 38	4 2	1 58	34 10	11 34	17 3	16 57	1 0		n.a.	S 21
S 22	15 58	16 48	4 40	11 27	0 17	0 55	0 22	27 46	4 30	24 44	0 56	11 2	2 16	2 49	0 38	4 1	1 58	34 10	11 34	17 0	16 56	1 3		n.a.	S 22
M23	15 40	13 51	4 57	10 47	0 10	0 23	0 26	27 45	4 27	24 44	0 56	10 59	2 16	2 48	0 39	4 0	1 58	34 10	11 34	16 56	16 55	1 5		n.a.	M23
T 24	15 21	10 20	4 59	10 6	0 3	0s 9	0 30	27 44	4 24	24 44	0 56	10 57	2 16	2 47	0 39	4 0	1 58	34 10	11 34	16 52	16 54	1 7		n.a.	T 24
W25	15 2	6 27	4 48	9 25	0s 4	0 41	0 34	27 44	4 22	24 44	0 56	10 54	2 16	2 47	0 39	3 59	1 58	34 10	11 34	16 48	16 53	1 9		n.a.	W25
T 26	14 43	2 21	4 24	8 44	0 11	1 13	0 37	27 43	4 19	24 44	0 56	10 51	2 16	2 46	0 39	3 58	1 58	34 10	11 34	16 44	16 52	1 11		n.a.	T 26
F 27	14 24	1s48	3 49	8 3	0 18	1 45	0 41	27 42	4 16	24 44	0 56	10 49	2 16	2 46	0 39	3 57	1 58	34 10	11 34	16 41	16 51	1 14		n.a.	F 27
S 28	14 4	5 53	3 4	7 21	0 25	2 17	0 45	27 41	4 14	24 44	0 56	10 46	2 16	2 45	0 39	3 56	1 58	34 10	11 34	16 39	16 50	1 16		n.a.	S 28
S 29	13 44	9 45	2 11	6 40	0 33	2 49	0 49	27 41	4 11	24 44	0 56	10 43	2 16	2 44	0 39	3 56	1 58	34 10	11 34	16 37	16 49	1 18		n.a.	S 29
M30	13 24	13 15	1 12	5 59	0 40	3 21	0 53	27 40	4 8	24 44	0 56	10 40	2 16	2 44	0 39	3 55	1 58	34 10	11 33	16 36	16 49	1 20		n.a.	M30
T 31	13n 4	16s14	0s 9	5n19	0s47	3s53	0s57	27s39	4s 6	24s44	0s56	10n38	2n16	2n43	0s39	3n54	1n58	34s10	11s33	16s36	16s48	1s22		n.a.	T 31

Julian Day Number = 1293927.5, Delta T = 07h56m37s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'51, Lahiri = -20°06'50 Julian Calendar 1 Aug. 1171 BCE == Greg. Calendar 21 July 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

SEPTEMBER 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 56 2	26♌58'53	25♏36	16♍22	8♎39	22♐ 0	2°R40	8♍35	8°R11	24♍49	17°R 3	15°R 1	15♏36	24♍23	n.a.	W 1
T 2	21 59 59	27°58'22	8♐11	17°48	9°49	22°26	2♑38	8°42	8♈ 9	24°51	17♑ 3	15♏ 0	15°32	24°29	n.a.	T 2
F 3	22 3 55	28°57'53	21°11	19°13	11° 0	22°53	2°37	8°49	8° 8	24°53	17° 2	14°59	15°29	24°36	n.a.	F 3
S 4	22 7 52	29°57'26	4♑38	20°36	12°10	23°20	2°36	8°56	8° 6	24°55	17° 1	14°54	15°26	24°43	n.a.	S 4
S 5	22 11 49	0♍57'00	18°37	21°59	13°20	23°47	2°35	9° 3	8° 4	24°57	17° 0	14°48	15°23	24°50	n.a.	S 5
M 6	22 15 45	1°56'37	3♒ 4	23°21	14°30	24°15	2°34	9°10	8° 2	24°59	16°59	14°39	15°20	24°56	n.a.	M 6
T 7	22 19 42	2°56'15	17°56	24°42	15°39	24°43	2°33	9°17	8° 0	25° 2	16°58	14°28	15°17	25° 3	n.a.	T 7
W 8	22 23 38	3°55'55	3♓ 5	26° 1	16°49	25°12	2°33	9°25	7°58	25° 4	16°57	14°18	15°13	25°10	n.a.	W 8
T 9	22 27 35	4°55'38	18°21	27°20	17°59	25°41	2°D33	9°32	7°56	25° 6	16°57	14° 8	15°10	25°16	n.a.	T 9
F 10	22 31 31	5°55'23	3♈32	28°37	19° 8	26°10	2°33	9°39	7°54	25° 8	16°56	14° 1	15° 7	25°23	n.a.	F 10
S 11	22 35 28	6°55'10	18°29	29°52	20°18	26°39	2°33	9°46	7°52	25°10	16°55	13°56	15° 4	25°30	n.a.	S 11
S 12	22 39 24	7°54'59	3♉ 4	1♎ 7	21°27	27° 9	2°33	9°53	7°50	25°12	16°54	13°53	15° 1	25°36	n.a.	S 12
M13	22 43 21	8°54'51	17°15	2°19	22°37	27°39	2°34	10° 0	7°48	25°14	16°54	13°D53	14°57	25°43	n.a.	M13
T 14	22 47 17	9°54'45	1♊ 0	3°30	23°46	28° 9	2°35	10° 7	7°46	25°17	16°53	13°53	14°54	25°50	n.a.	T 14
W15	22 51 14	10°54'42	14°21	4°40	24°55	28°40	2°36	10°15	7°44	25°19	16°52	13°R54	14°51	25°56	n.a.	W15
T 16	22 55 11	11°54'41	27°22	5°47	26° 4	29°11	2°37	10°22	7°42	25°21	16°52	13°52	14°48	26° 3	n.a.	T 16
F 17	22 59 7	12°54'42	10♋ 4	6°52	27°13	29°42	2°39	10°29	7°40	25°23	16°51	13°49	14°45	26°10	n.a.	F 17
S 18	23 3 4	13°54'46	22°32	7°54	28°21	0♑14	2°40	10°36	7°37	25°25	16°50	13°43	14°42	26°17	n.a.	S 18
S 19	23 7 0	14°54'52	4♌48	8°54	29°30	0°45	2°42	10°43	7°35	25°28	16°50	13°35	14°38	26°23	n.a.	S 19
M20	23 10 57	15°55'00	16°56	9°50	0♏38	1°17	2°44	10°50	7°33	25°30	16°49	13°24	14°35	26°30	n.a.	M20
T 21	23 14 53	16°55'10	28°57	10°43	1°47	1°50	2°46	10°58	7°31	25°32	16°49	13°13	14°32	26°37	n.a.	T 21
W22	23 18 50	17°55'22	10♍53	11°33	2°55	2°22	2°49	11° 5	7°28	25°34	16°48	13° 2	14°29	26°43	n.a.	W22
T 23	23 22 46	18°55'36	22°45	12°18	4° 3	2°55	2°51	11°12	7°26	25°37	16°48	12°51	14°26	26°50	n.a.	T 23
F 24	23 26 43	19°55'52	4♎34	12°59	5°11	3°28	2°54	11°19	7°24	25°39	16°47	12°43	14°22	26°57	n.a.	F 24
S 25	23 30 39	20°56'10	16°23	13°34	6°19	4° 1	2°57	11°26	7°21	25°41	16°47	12°37	14°19	27° 3	n.a.	S 25
S 26	23 34 36	21°56'29	28°13	14° 4	7°27	4°34	3° 0	11°33	7°19	25°43	16°46	12°33	14°16	27°10	n.a.	S 26
M27	23 38 33	22°56'51	10♏ 8	14°27	8°34	5° 8	3° 4	11°40	7°17	25°45	16°46	12°D32	14°13	27°17	n.a.	M27
T 28	23 42 29	23°57'14	22°12	14°43	9°42	5°42	3° 7	11°47	7°14	25°48	16°46	12°32	14°10	27°23	n.a.	T 28
W29	23 46 26	24°57'39	4♐28	14°52	10°49	6°16	3°11	11°54	7°12	25°50	16°45	12°34	14° 7	27°30	n.a.	W29
T 30	23 50 22	25♍58'05	17♐ 0	14°R52	11♏56	6♑50	3♑15	12♍ 1	7♈ 9	25♍52	16♑45	12♏35	14♏ 3	27♍37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n43	18s34	0n56	4n38	0s54	4s25	1s 1	27s38	4s 3	24s44	0s56	10n35	2n16	2n42	0s39	3n53	1n58	34s10	11s33	16s36	16s47	1s24		n.a.
T 2	12 22	20 4	2 0	3 57	1 2	4 56	1 4	27 37	4 0	24 44	0 56	10 32	2 16	2 42	0 39	3 52	1 58	34 10	11 33	16 36	16 46	1 27		n.a.
F 3	12 1	20 33	2 59	3 17	1 9	5 28	1 8	27 36	3 58	24 44	0 56	10 30	2 16	2 41	0 39	3 51	1 58	34 10	11 33	16 36	16 45	1 29		n.a.
S 4	11 40	19 54	3 51	2 37	1 16	5 59	1 12	27 35	3 55	24 44	0 56	10 27	2 16	2 40	0 39	3 51	1 57	34 10	11 33	16 34	16 44	1 31		n.a.
S 5	11 19	18 2	4 31	1 58	1 23	6 31	1 16	27 33	3 53	24 44	0 56	10 24	2 16	2 40	0 39	3 50	1 57	34 10	11 33	16 32	16 43	1 33		n.a.
M 6	10 57	15 0	4 56	1 18	1 30	7 2	1 20	27 32	3 50	24 44	0 56	10 21	2 16	2 39	0 39	3 49	1 57	34 10	11 32	16 30	16 42	1 35		n.a.
T 7	10 36	10 56	5 1	0 39	1 37	7 33	1 24	27 31	3 47	24 44	0 56	10 19	2 16	2 38	0 39	3 48	1 57	34 10	11 32	16 27	16 41	1 38		n.a.
W 8	10 14	6 6	4 46	0 1	1 44	8 4	1 28	27 29	3 45	24 44	0 56	10 16	2 16	2 37	0 39	3 47	1 57	34 10	11 32	16 23	16 40	1 40		n.a.
T 9	9 52	0 51	4 10	0s37	1 51	8 34	1 32	27 28	3 42	24 44	0 56	10 13	2 16	2 36	0 39	3 46	1 57	34 10	11 32	16 21	16 39	1 42		n.a.
F 10	9 29	4n26	3 17	1 14	1 57	9 5	1 36	27 26	3 40	24 44	0 56	10 10	2 16	2 36	0 39	3 45	1 57	34 10	11 32	16 18	16 38	1 44		n.a.
S 11	9 7	9 22	2 11	1 50	2 4	9 35	1 39	27 24	3 37	24 44	0 56	10 8	2 16	2 35	0 39	3 44	1 57	34 10	11 32	16 17	16 37	1 46		n.a.
S 12	8 44	13 38	0 57	2 26	2 10	10 5	1 43	27 23	3 35	24 44	0 56	10 5	2 16	2 34	0 39	3 44	1 57	34 10	11 31	16 16	16 36	1 48		n.a.
M13	8 22	16 58	0s18	3 1	2 16	10 35	1 47	27 21	3 32	24 44	0 56	10 2	2 16	2 33	0 39	3 43	1 57	34 10	11 31	16 16	16 35	1 51		n.a.
T 14	7 59	19 14	1 30	3 35	2 22	11 5	1 51	27 19	3 30	24 44	0 56	9 59	2 16	2 32	0 39	3 42	1 57	34 9	11 31	16 16	16 34	1 53		n.a.
W15	7 36	20 20	2 35	4 8	2 28	11 34	1 54	27 17	3 27	24 44	0 56	9 57	2 16	2 31	0 39	3 41	1 57	34 9	11 31	16 16	16 33	1 55		n.a.
T 16	7 12	20 18	3 30	4 40	2 33	12 3	1 58	27 14	3 25	24 44	0 55	9 54	2 16	2 31	0 39	3 40	1 57	34 9	11 31	16 16	16 32	1 57		n.a.
F 17	6 49	19 14	4 14	5 10	2 38	12 32	2 2	27 12	3 22	24 44	0 55	9 51	2 16	2 30	0 39	3 39	1 57	34 9	11 30	16 15	16 32	1 59		n.a.
S 18	6 26	17 15	4 44	5 40	2 42	13 1	2 6	27 10	3 20	24 44	0 55	9 48	2 16	2 29	0 39	3 38	1 57	34 9	11 30	16 13	16 31	2 1		n.a.
S 19	6 2	14 31	5 1	6 7	2 46	13 29	2 9	27 7	3 17	24 44	0 55	9 46	2 16	2 28	0 39	3 37	1 57	34 9	11 30	16 10	16 30	2 3		n.a.
M20	5 39	11 11	5 4	6 33	2 50	13 57	2 13	27 4	3 15	24 43	0 55	9 43	2 16	2 27	0 39	3 36	1 57	34 9	11 30	16 7	16 29	2 6		n.a.
T 21	5 15	7 27	4 53	6 58	2 53	14 25	2 16	27 2	3 12	24 43	0 55	9 40	2 16	2 26	0 39	3 35	1 57	34 9	11 30	16 4	16 28	2 8		n.a.
W22	4 51	3 27	4 30	7 20	2 56	14 52	2 20	26 59	3 10	24 43	0 55	9 38	2 16	2 25	0 39	3 35	1 57	34 9	11 29	16 0	16 27	2 10		n.a.
T 23	4 27	0s39	3 55	7 39	2 58	15 19	2 23	26 56	3 8	24 43	0 55	9 35	2 17	2 24	0 39	3 34	1 57	34 8	11 29	15 57	16 26	2 12		n.a.
F 24	4 3	4 44	3 10	7 56	2 59	15 46	2 26	26 52	3 5	24 43	0 55	9 32	2 17	2 23	0 39	3 33	1 57	34 8	11 29	15 55	16 25	2 14		n.a.
S 25	3 39	8 38	2 16	8 11	2 59	16 12	2 30	26 49	3 3	24 43	0 55	9 29	2 17	2 22	0 39	3 32	1 57	34 8	11 29	15 53	16 24	2 16		n.a.
S 26	3 15	12 12	1 16	8 22	2 58	16 38	2 33	26 46	3 1	24 43	0 55	9 27	2 17	2 21	0 39	3 31	1 57	34 8	11 28	15 52	16 23	2 19		n.a.
M27	2 51	15 18	0 13	8 30	2 57	17 3	2 36	26 42	2 58	24 43	0 55	9 24	2 17	2 20	0 39	3 30	1 57	34 8	11 28	15 51	16 22	2 21		n.a.
T 28	2 26	17 47	0n52	8 34	2 54	17 28	2 39	26 38	2 56	24 42	0 55	9 21	2 17	2 19	0 39	3 29	1 57	34 8	11 28	15 51	16 21	2 23		n.a.
W29	2 2	19 29	1 56	8 33	2 50	17 53	2 42	26 34	2 54	24 42	0 55	9 19	2 17	2 18	0 39	3 28	1 57	34 7	11 28	15 52	16 20	2 25		n.a.
T 30	1n38	20s16	2n56	8s28	2s44	18s17	2s45	26s30	2s51	24s42	0s55	9n16	2n17	2n17	0s39	3n27	1n57	34s 7	11s28	15s52	16s19	2s27		n.a.

Julian Day Number = 1293958.5, Delta T = 07h56m36s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'46, Lahiri = -20°06'46 Julian Calendar 1 Sept. 1171 BCE == Greg. Calendar 21 Aug. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

OCTOBER 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 54 19	26♍58'33	29♐54	14°R44	13♏ 3	7♑24	3♑19	12♍ 8	7°R 7	25♍54	16°R45	12°R35	14♏ 0	27♍43	n.a.	F 1
S 2	23 58 15	27°59'02	13♑14	14♎26	14°10	7°59	3°23	12°15	7♈ 4	25°57	16♑44	12♏34	13°57	27°50	n.a.	S 2
S 3	0 2 12	28°59'33	27° 2	13°57	15°16	8°34	3°28	12°22	7° 2	25°59	16°44	12°31	13°54	27°57	n.a.	S 3
M 4	0 6 8	0♎ 0'05	11♒19	13°19	16°23	9° 9	3°33	12°29	6°59	26° 1	16°44	12°26	13°51	28° 4	n.a.	M 4
T 5	0 10 5	1° 0'39	26° 3	12°31	17°29	9°44	3°37	12°36	6°57	26° 3	16°44	12°20	13°48	28°10	n.a.	T 5
W 6	0 14 2	2° 1'14	11♓ 7	11°34	18°35	10°19	3°42	12°43	6°54	26° 6	16°44	12°14	13°44	28°17	n.a.	W 6
T 7	0 17 58	3° 1'51	26°23	10°28	19°41	10°54	3°48	12°50	6°52	26° 8	16°44	12° 8	13°41	28°24	n.a.	T 7
F 8	0 21 55	4° 2'29	11♈41	9°15	20°46	11°30	3°53	12°57	6°49	26°10	16°43	12° 3	13°38	28°30	n.a.	F 8
S 9	0 25 51	5° 3'09	26°50	7°57	21°51	12° 6	3°59	13° 4	6°47	26°12	16°43	12° 1	13°35	28°37	n.a.	S 9
S 10	0 29 48	6° 3'51	11♉39	6°37	22°56	12°42	4° 4	13°11	6°44	26°15	16°43	12°D 0	13°32	28°44	n.a.	S 10
M11	0 33 44	7° 4'34	26° 5	5°16	24° 1	13°18	4°10	13°17	6°42	26°17	16°43	12° 0	13°28	28°50	n.a.	M11
T 12	0 37 41	8° 5'19	10♊ 3	3°57	25° 6	13°54	4°16	13°24	6°39	26°19	16°D43	12° 2	13°25	28°57	n.a.	T 12
W13	0 41 37	9° 6'06	23°33	2°44	26°10	14°30	4°23	13°31	6°37	26°21	16°43	12° 3	13°22	29° 4	n.a.	W13
T 14	0 45 34	10° 6'55	6♋38	1°38	27°14	15° 6	4°29	13°37	6°34	26°24	16°43	12°R 4	13°19	29°10	n.a.	T 14
F 15	0 49 31	11° 7'46	19°21	0°42	28°18	15°43	4°36	13°44	6°32	26°26	16°43	12° 4	13°16	29°17	n.a.	F 15
S 16	0 53 27	12° 8'38	1♌46	29♍56	29°22	16°19	4°43	13°51	6°29	26°28	16°43	12° 2	13°13	29°24	n.a.	S 16
S 17	0 57 24	13° 9'32	13°57	29°21	0♐25	16°56	4°49	13°57	6°27	26°30	16°44	11°59	13° 9	29°30	n.a.	S 17
M18	1 1 20	14°10'27	25°58	28°59	1°28	17°33	4°57	14° 4	6°24	26°32	16°44	11°55	13° 6	29°37	n.a.	M18
T 19	1 5 17	15°11'23	7♍53	28°47	2°30	18°10	5° 4	14°10	6°22	26°34	16°44	11°50	13° 3	29°44	n.a.	T 19
W20	1 9 13	16°12'22	19°43	28°D47	3°33	18°47	5°11	14°17	6°20	26°37	16°44	11°45	13° 0	29°50	n.a.	W20
T 21	1 13 10	17°13'21	1♎33	28°58	4°35	19°24	5°19	14°23	6°17	26°39	16°44	11°41	12°57	29°57	n.a.	T 21
F 22	1 17 6	18°14'22	13°23	29°18	5°36	20° 2	5°26	14°30	6°15	26°41	16°45	11°37	12°53	0♎ 4	n.a.	F 22
S 23	1 21 3	19°15'24	25°16	29°46	6°37	20°39	5°34	14°36	6°12	26°43	16°45	11°35	12°50	0°10	n.a.	S 23
S 24	1 25 0	20°16'27	7♏14	0♎23	7°38	21°17	5°42	14°42	6°10	26°45	16°45	11°D34	12°47	0°17	n.a.	S 24
M25	1 28 56	21°17'31	19°18	1° 7	8°39	21°54	5°50	14°48	6° 7	26°47	16°46	11°34	12°44	0°24	n.a.	M25
T 26	1 32 53	22°18'36	1♐31	1°57	9°39	22°32	5°59	14°55	6° 5	26°49	16°46	11°35	12°41	0°31	n.a.	T 26
W27	1 36 49	23°19'42	13°55	2°53	10°39	23°10	6° 7	15° 1	6° 3	26°51	16°46	11°37	12°38	0°37	n.a.	W27
T 28	1 40 46	24°20'49	26°34	3°54	11°38	23°48	6°16	15° 7	6° 0	26°53	16°47	11°38	12°34	0°44	n.a.	T 28
F 29	1 44 42	25°21'57	9♑29	4°58	12°37	24°26	6°25	15°13	5°58	26°55	16°47	11°39	12°31	0°51	n.a.	F 29
S 30	1 48 39	26°23'05	22°45	6° 7	13°35	25° 4	6°33	15°19	5°56	26°57	16°48	11°R40	12°28	0°57	n.a.	S 30
S 31	1 52 35	27♎24'14	6♒24	7♎18	14♐33	25♑42	6♑42	15♍25	5♈53	26♍59	16♑48	11♏40	12♏25	1♎ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n13	20s 2	3n48	8s19	2s37	18s41	2s48	26s26	2s49	24s42	0s55	9n13	2n17	2n16	0s39	3n26	1n57	34s 7	11s27	15s52	16s18	2s29		n.a.
S 2	0 49	18 41	4 30	8 3	2 29	19 4	2 51	26 22	2 47	24 42	0 55	9 11	2 17	2 15	0 39	3 25	1 57	34 7	11 27	15 52	16 17	2 31		n.a.
S 3	0 24	16 13	4 59	7 43	2 19	19 27	2 54	26 17	2 45	24 42	0 54	9 8	2 17	2 14	0 39	3 25	1 57	34 7	11 27	15 51	16 16	2 33		n.a.
M 4	0s 0	12 42	5 10	7 17	2 6	19 49	2 57	26 13	2 42	24 41	0 54	9 5	2 17	2 13	0 39	3 24	1 57	34 6	11 27	15 49	16 15	2 36		n.a.
T 5	0 25	8 20	5 1	6 45	1 52	20 11	2 59	26 8	2 40	24 41	0 54	9 3	2 17	2 12	0 39	3 23	1 57	34 6	11 26	15 47	16 14	2 38		n.a.
W 6	0 49	3 20	4 32	6 8	1 37	20 33	3 2	26 3	2 38	24 41	0 54	9 0	2 17	2 11	0 39	3 22	1 57	34 6	11 26	15 45	16 13	2 40		n.a.
T 7	1 13	1n56	3 43	5 25	1 19	20 53	3 4	25 58	2 36	24 41	0 54	8 58	2 18	2 10	0 39	3 21	1 57	34 6	11 26	15 44	16 12	2 42		n.a.
F 8	1 38	7 6	2 38	4 39	1 1	21 14	3 7	25 53	2 34	24 41	0 54	8 55	2 18	2 9	0 39	3 20	1 57	34 6	11 26	15 42	16 11	2 44		n.a.
S 9	2 2	11 46	1 22	3 50	0 41	21 34	3 9	25 47	2 32	24 40	0 54	8 52	2 18	2 8	0 39	3 19	1 57	34 5	11 25	15 41	16 10	2 46		n.a.
S 10	2 27	15 36	0 2	2 58	0 20	21 53	3 11	25 42	2 30	24 40	0 54	8 50	2 18	2 7	0 39	3 18	1 57	34 5	11 25	15 41	16 9	2 48		n.a.
M11	2 51	18 21	1s16	2 7	0n 0	22 12	3 13	25 36	2 27	24 40	0 54	8 47	2 18	2 6	0 39	3 17	1 57	34 5	11 25	15 41	16 8	2 51		n.a.
T 12	3 16	19 54	2 27	1 17	0 21	22 30	3 15	25 30	2 25	24 40	0 54	8 45	2 18	2 5	0 39	3 17	1 57	34 5	11 25	15 42	16 7	2 53		n.a.
W13	3 40	20 13	3 28	0 29	0 41	22 47	3 17	25 24	2 23	24 39	0 54	8 42	2 18	2 4	0 39	3 16	1 57	34 4	11 25	15 42	16 7	2 55		n.a.
T 14	4 4	19 25	4 16	0n14	0 59	23 5	3 18	25 18	2 21	24 39	0 54	8 40	2 18	2 3	0 39	3 15	1 57	34 4	11 24	15 43	16 6	2 57		n.a.
F 15	4 28	17 38	4 49	0 53	1 16	23 21	3 20	25 12	2 19	24 39	0 54	8 37	2 18	2 2	0 39	3 14	1 57	34 4	11 24	15 42	16 5	2 59		n.a.
S 16	4 53	15 5	5 8	1 25	1 32	23 37	3 21	25 5	2 17	24 38	0 54	8 35	2 19	2 1	0 39	3 13	1 57	34 4	11 24	15 42	16 4	3 1		n.a.
S 17	5 17	11 55	5 13	1 52	1 45	23 52	3 23	24 58	2 15	24 38	0 54	8 32	2 19	2 0	0 39	3 12	1 57	34 3	11 24	15 41	16 3	3 3		n.a.
M18	5 41	8 18	5 4	2 11	1 57	24 7	3 24	24 52	2 13	24 38	0 54	8 30	2 19	2 0	0 39	3 11	1 57	34 3	11 23	15 40	16 2	3 5		n.a.
T 19	6 5	4 24	4 42	2 25	2 6	24 21	3 25	24 45	2 11	24 37	0 53	8 27	2 19	1 59	0 39	3 11	1 57	34 3	11 23	15 38	16 1	3 7		n.a.
W20	6 29	0 21	4 8	2 32	2 14	24 34	3 26	24 37	2 9	24 37	0 53	8 25	2 19	1 58	0 39	3 10	1 58	34 3	11 23	15 37	16 0	3 10		n.a.
T 21	6 52	3s43	3 23	2 33	2 20	24 47	3 26	24 30	2 7	24 37	0 53	8 23	2 19	1 57	0 39	3 9	1 58	34 2	11 23	15 35	15 59	3 12		n.a.
F 22	7 16	7 39	2 29	2 29	2 24	24 59	3 27	24 23	2 5	24 36	0 53	8 20	2 19	1 56	0 39	3 8	1 58	34 2	11 22	15 34	15 58	3 14		n.a.
S 23	7 39	11 18	1 29	2 20	2 27	25 11	3 28	24 15	2 3	24 36	0 53	8 18	2 20	1 55	0 39	3 7	1 58	34 2	11 22	15 33	15 57	3 16		n.a.
S 24	8 3	14 32	0 24	2 7	2 29	25 21	3 28	24 7	2 2	24 36	0 53	8 16	2 20	1 54	0 39	3 6	1 58	34 2	11 22	15 33	15 56	3 18		n.a.
M25	8 26	17 9	0n43	1 50	2 29	25 32	3 28	23 59	2 0	24 35	0 53	8 13	2 20	1 53	0 39	3 6	1 58	34 1	11 22	15 33	15 55	3 20		n.a.
T 26	8 49	19 2	1 48	1 29	2 29	25 41	3 28	23 51	1 58	24 35	0 53	8 11	2 20	1 52	0 39	3 5	1 58	34 1	11 21	15 33	15 54	3 22		n.a.
W27	9 12	20 2	2 50	1 5	2 27	25 50	3 28	23 43	1 56	24 34	0 53	8 9	2 20	1 51	0 39	3 4	1 58	34 1	11 21	15 34	15 53	3 24		n.a.
T 28	9 35	20 3	3 44	0 38	2 25	25 58	3 28	23 34	1 54	24 34	0 53	8 6	2 20	1 50	0 39	3 3	1 58	34 0	11 21	15 34	15 52	3 26		n.a.
F 29	9 58	19 1	4 29	0 9	2 22	26 6	3 27	23 26	1 52	24 33	0 53	8 4	2 20	1 49	0 39	3 2	1 58	34 0	11 21	15 35	15 51	3 28		n.a.
S 30	10 21	16 57	5 0	0s21	2 18	26 13	3 26	23 17	1 50	24 33	0 53	8 2	2 21	1 48	0 39	3 2	1 58	34 0	11 20	15 35	15 50	3 31		n.a.
S 31	10s43	13s53	5n16	0s54	2n14	26s19	3s25	23s 8	1s49	24s32	0s53	8n 0	2n21	1n47	0s39	3n 1	1n58	33s59	11s20	15s35	15s49	3s33		n.a.

Julian Day Number = 1293988.5, Delta T = 07h56m34s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'42, Lahiri = -20°06'42 Julian Calendar 1 Oct. 1171 BCE == Greg. Calendar 20 Sept. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

NOVEMBER 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 56 32	28♎25'23	20♒25	8♎32	15♐30	26♑20	6♑52	15♍31	5°R51	27♍ 1	16♑49	11°R39	12♏22	1♎11	n.a.	M 1
T 2	2 0 29	29°26'32	4♓50	9°49	16°27	26°58	7° 1	15°37	5♈49	27° 3	16°49	11♏38	12°19	1°17	n.a.	T 2
W 3	2 4 25	0♏27'42	19°34	11° 7	17°23	27°37	7°10	15°42	5°47	27° 5	16°50	11°36	12°15	1°24	n.a.	W 3
T 4	2 8 22	1°28'53	4♈32	12°28	18°19	28°15	7°20	15°48	5°44	27° 7	16°50	11°35	12°12	1°31	n.a.	T 4
F 5	2 12 18	2°30'04	19°37	13°49	19°14	28°54	7°29	15°54	5°42	27° 9	16°51	11°34	12° 9	1°37	n.a.	F 5
S 6	2 16 15	3°31'16	4♉39	15°13	20° 8	29°32	7°39	15°59	5°40	27°11	16°52	11°D34	12° 6	1°44	n.a.	S 6
S 7	2 20 11	4°32'29	19°29	16°37	21° 2	0♒11	7°49	16° 5	5°38	27°13	16°52	11°34	12° 3	1°51	n.a.	S 7
M 8	2 24 8	5°33'42	4♊ 1	18° 2	21°55	0°49	7°59	16°10	5°36	27°15	16°53	11°34	11°59	1°57	n.a.	M 8
T 9	2 28 4	6°34'56	18° 8	19°28	22°47	1°28	8° 9	16°16	5°34	27°17	16°54	11°34	11°56	2° 4	n.a.	T 9
W10	2 32 1	7°36'10	1♋49	20°55	23°39	2° 7	8°20	16°21	5°32	27°19	16°54	11°35	11°53	2°11	n.a.	W10
T 11	2 35 58	8°37'26	15° 4	22°23	24°30	2°46	8°30	16°26	5°30	27°20	16°55	11°35	11°50	2°17	n.a.	T 11
F 12	2 39 54	9°38'42	27°54	23°51	25°20	3°25	8°40	16°32	5°28	27°22	16°56	11°36	11°47	2°24	n.a.	F 12
S 13	2 43 51	10°39'58	10♌23	25°20	26° 9	4° 4	8°51	16°37	5°26	27°24	16°57	11°R36	11°44	2°31	n.a.	S 13
S 14	2 47 47	11°41'15	22°35	26°49	26°58	4°43	9° 2	16°42	5°24	27°26	16°58	11°D36	11°40	2°37	n.a.	S 14
M15	2 51 44	12°42'33	4♍34	28°19	27°45	5°22	9°13	16°47	5°22	27°27	16°59	11°36	11°37	2°44	n.a.	M15
T 16	2 55 40	13°43'51	16°27	29°49	28°32	6° 1	9°23	16°52	5°20	27°29	16°59	11°36	11°34	2°51	n.a.	T 16
W17	2 59 37	14°45'10	28°15	1♏19	29°18	6°40	9°34	16°57	5°19	27°31	17° 0	11°36	11°31	2°57	n.a.	W17
T 18	3 3 33	15°46'29	10♎ 4	2°50	0♑ 2	7°19	9°46	17° 1	5°17	27°32	17° 1	11°37	11°28	3° 4	n.a.	T 18
F 19	3 7 30	16°47'48	21°57	4°21	0°46	7°58	9°57	17° 6	5°15	27°34	17° 2	11°37	11°25	3°11	n.a.	F 19
S 20	3 11 27	17°49'07	3♏57	5°52	1°28	8°37	10° 8	17°11	5°13	27°36	17° 3	11°37	11°21	3°17	n.a.	S 20
S 21	3 15 23	18°50'27	16° 5	7°24	2°10	9°17	10°20	17°15	5°12	27°37	17° 4	11°R37	11°18	3°24	n.a.	S 21
M22	3 19 20	19°51'47	28°23	8°56	2°50	9°56	10°31	17°20	5°10	27°39	17° 5	11°37	11°15	3°31	n.a.	M22
T 23	3 23 16	20°53'06	10♐53	10°28	3°29	10°35	10°43	17°24	5° 9	27°40	17° 6	11°36	11°12	3°38	n.a.	T 23
W24	3 27 13	21°54'26	23°36	12° 1	4° 7	11°15	10°55	17°29	5° 7	27°42	17° 7	11°35	11° 9	3°44	n.a.	W24
T 25	3 31 9	22°55'45	6♑31	13°34	4°43	11°54	11° 6	17°33	5° 6	27°43	17° 8	11°33	11° 5	3°51	n.a.	T 25
F 26	3 35 6	23°57'04	19°41	15° 7	5°18	12°34	11°18	17°37	5° 4	27°45	17°10	11°32	11° 2	3°58	n.a.	F 26
S 27	3 39 3	24°58'22	3♒ 5	16°41	5°52	13°13	11°30	17°41	5° 3	27°46	17°11	11°30	10°59	4° 4	n.a.	S 27
S 28	3 42 59	25°59'40	16°43	18°15	6°24	13°53	11°42	17°45	5° 2	27°48	17°12	11°29	10°56	4°11	n.a.	S 28
M29	3 46 56	27° 0'57	0♓37	19°49	6°54	14°32	11°55	17°49	5° 0	27°49	17°13	11°D29	10°53	4°18	n.a.	M29
T 30	3 50 52	28♏ 2'14	14♓45	21♏24	7♑23	15♒12	12♑ 7	17♍53	4♈59	27♍50	17♑14	11♏30	10♏50	4♎24	n.a.	T 30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl		decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11 s 5		9 s58	5n13		1 s28	2n 9	26 s25	3 s24	22 s59	1 s47	24 s32	0 s53	7n58	2n21	1n46	0 s39	3n 0	1n58	33 s59	11 s20	15 s35	15 s48	3 s35			n.a.
T 2	11 27		5 23	4 52		2 3	2 4	26 30	3 23	22 49	1 45	24 31	0 53	7 56	2 21	1 45	0 39	2 59	1 58	33 59	11 20	15 34	15 47	3 37			n.a.
W 3	11 49		0 22	4 10		2 40	1 58	26 34	3 22	22 40	1 43	24 31	0 53	7 53	2 21	1 45	0 39	2 58	1 58	33 59	11 19	15 34	15 46	3 39			n.a.
T 4	12 11		4n45	3 11		3 17	1 53	26 38	3 20	22 30	1 42	24 30	0 53	7 51	2 21	1 44	0 39	2 58	1 58	33 58	11 19	15 33	15 45	3 41			n.a.
F 5	12 32		9 38	1 59		3 55	1 46	26 41	3 18	22 21	1 40	24 30	0 53	7 49	2 22	1 43	0 39	2 57	1 58	33 58	11 19	15 33	15 44	3 43			n.a.
S 6	12 54		13 53	0 38		4 33	1 40	26 43	3 16	22 11	1 38	24 29	0 53	7 47	2 22	1 42	0 39	2 56	1 58	33 58	11 19	15 33	15 43	3 45			n.a.
S 7	13 15		17 11	0 s44		5 12	1 34	26 45	3 14	22 1	1 36	24 28	0 53	7 45	2 22	1 41	0 38	2 55	1 58	33 57	11 19	15 33	15 42	3 47			n.a.
M 8	13 35		19 18	2 2		5 51	1 27	26 46	3 12	21 51	1 35	24 28	0 53	7 43	2 22	1 40	0 38	2 55	1 58	33 57	11 18	15 33	15 41	3 49			n.a.
T 9	13 56		20 9	3 10		6 30	1 20	26 47	3 9	21 40	1 33	24 27	0 52	7 41	2 22	1 40	0 38	2 54	1 58	33 57	11 18	15 33	15 40	3 51			n.a.
W10	14 16		19 45	4 5		7 10	1 13	26 46	3 6	21 30	1 31	24 26	0 52	7 39	2 23	1 39	0 38	2 53	1 58	33 56	11 18	15 33	15 39	3 54			n.a.
T 11	14 37		18 15	4 45		7 50	1 6	26 46	3 3	21 19	1 30	24 26	0 52	7 37	2 23	1 38	0 38	2 53	1 58	33 56	11 18	15 33	15 38	3 56			n.a.
F 12	14 56		15 53	5 9		8 29	0 59	26 44	2 59	21 8	1 28	24 25	0 52	7 35	2 23	1 37	0 38	2 52	1 58	33 56	11 17	15 34	15 37	3 58			n.a.
S 13	15 16		12 50	5 18		9 9	0 52	26 42	2 56	20 57	1 27	24 24	0 52	7 34	2 23	1 36	0 38	2 51	1 58	33 55	11 17	15 34	15 36	4 0			n.a.
S 14	15 35		9 18	5 12		9 48	0 45	26 40	2 52	20 46	1 25	24 23	0 52	7 32	2 23	1 36	0 38	2 51	1 58	33 55	11 17	15 34	15 35	4 2			n.a.
M15	15 54		5 27	4 53		10 27	0 38	26 36	2 48	20 35	1 23	24 23	0 52	7 30	2 24	1 35	0 38	2 50	1 58	33 55	11 17	15 34	15 34	4 4			n.a.
T 16	16 13		1 26	4 21		11 6	0 31	26 33	2 43	20 24	1 22	24 22	0 52	7 28	2 24	1 34	0 38	2 49	1 59	33 54	11 17	15 34	15 33	4 6			n.a.
W17	16 32		2 s38	3 39		11 45	0 24	26 28	2 39	20 12	1 20	24 21	0 52	7 27	2 24	1 34	0 38	2 49	1 59	33 54	11 16	15 34	15 32	4 8			n.a.
T 18	16 50		6 36	2 47		12 23	0 17	26 24	2 34	20 1	1 19	24 20	0 52	7 25	2 24	1 33	0 38	2 48	1 59	33 54	11 16	15 34	15 31	4 10			n.a.
F 19	17 8		10 21	1 47		13 1	0 10	26 18	2 28	19 49	1 17	24 19	0 52	7 23	2 25	1 32	0 38	2 47	1 59	33 53	11 16	15 34	15 30	4 12			n.a.
S 20	17 25		13 42	0 43		13 39	0 3	26 12	2 23	19 37	1 16	24 18	0 52	7 21	2 25	1 32	0 38	2 47	1 59	33 53	11 16	15 34	15 29	4 14			n.a.
S 21	17 43		16 32	0n25		14 16	0 s 4	26 6	2 17	19 25	1 14	24 17	0 52	7 20	2 25	1 31	0 38	2 46	1 59	33 53	11 16	15 34	15 28	4 16			n.a.
M22	18 0		18 38	1 32		14 53	0 11	25 59	2 11	19 13	1 13	24 16	0 52	7 18	2 25	1 30	0 38	2 46	1 59	33 52	11 15	15 34	15 27	4 18			n.a.
T 23	18 16		19 53	2 35		15 29	0 17	25 51	2 4	19 1	1 11	24 15	0 52	7 17	2 25	1 30	0 38	2 45	1 59	33 52	11 15	15 34	15 26	4 20			n.a.
W24	18 32		20 8	3 32		16 4	0 24	25 44	1 58	18 48	1 10	24 14	0 52	7 15	2 26	1 29	0 38	2 45	1 59	33 52	11 15	15 33	15 25	4 22			n.a.
T 25	18 48		19 21	4 20		16 39	0 30	25 35	1 51	18 36	1 8	24 13	0 52	7 14	2 26	1 29	0 38	2 44	1 59	33 51	11 15	15 33	15 24	4 24			n.a.
F 26	19 4		17 31	4 54		17 13	0 37	25 26	1 43	18 23	1 7	24 12	0 52	7 12	2 26	1 28	0 38	2 44	1 59	33 51	11 15	15 32	15 23	4 27			n.a.
S 27	19 19		14 43	5 13		17 47	0 43	25 17	1 35	18 10	1 5	24 11	0 52	7 11	2 26	1 28	0 38	2 43	1 59	33 51	11 14	15 32	15 22	4 29			n.a.
S 28	19 34		11 4	5 15		18 19	0 49	25 8	1 27	17 57	1 4	24 10	0 52	7 10	2 27	1 27	0 38	2 42	1 59	33 50	11 14	15 32	15 21	4 31			n.a.
M29	19 49		6 46	4 59		18 51	0 55	24 58	1 19	17 44	1 3	24 9	0 52	7 8	2 27	1 27	0 38	2 42	1 59	33 50	11 14	15 32	15 20	4 33			n.a.
T 30	20 s 3		2 s 2	4n25		19 s23	1 s 0	24 s47	1 s10	17 s31	1 s 1	24 s 8	0 s52	7n 7	2n27	1n26	0 s38	2n41	1n59	33 s50	11 s14	15 s32	15 s19	4 s35			n.a.

Julian Day Number = 1294019.5, Delta T = 07h56m32s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'38, Lahiri = -20°06'38 Julian Calendar 1 Nov. 1171 BCE == Greg. Calendar 21 Oct. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1171 BCE
geocentric

DECEMBER 1171 BCE (-1170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 54 49	29♏ 3'30	29♓ 6	22♏59	7♉50	15♒51	12♉19	17♍57	4°R58	27♍52	17♉15	11♏31	10♏46	4♎31	n.a.	W 1
T 2	3 58 45	0♐ 4'45	13♈38	24°35	8°15	16°31	12°32	18° 1	4♈57	27°53	17°17	11°32	10°43	4°38	n.a.	T 2
F 3	4 2 42	1° 5'59	28°15	26°11	8°39	17°10	12°44	18° 4	4°56	27°54	17°18	11°33	10°40	4°44	n.a.	F 3
S 4	4 6 38	2° 7'13	12♉54	27°47	9° 1	17°50	12°57	18° 8	4°55	27°55	17°19	11°R34	10°37	4°51	n.a.	S 4
S 5	4 10 35	3° 8'27	27°27	29°24	9°20	18°30	13° 9	18°11	4°54	27°57	17°20	11°33	10°34	4°58	n.a.	S 5
M 6	4 14 32	4° 9'39	11♊47	1♐ 1	9°38	19° 9	13°22	18°14	4°53	27°58	17°22	11°31	10°31	5° 4	n.a.	M 6
T 7	4 18 28	5°10'51	25°51	2°39	9°53	19°49	13°35	18°18	4°52	27°59	17°23	11°28	10°27	5°11	n.a.	T 7
W 8	4 22 25	6°12'03	9♋33	4°17	10° 7	20°29	13°48	18°21	4°51	28° 0	17°24	11°24	10°24	5°18	n.a.	W 8
T 9	4 26 21	7°13'14	22°52	5°56	10°18	21° 8	14° 0	18°24	4°50	28° 1	17°26	11°20	10°21	5°24	n.a.	T 9
F 10	4 30 18	8°14'25	5♌48	7°35	10°27	21°48	14°13	18°27	4°49	28° 2	17°27	11°17	10°18	5°31	n.a.	F 10
S 11	4 34 14	9°15'35	18°22	9°15	10°33	22°28	14°26	18°30	4°49	28° 3	17°28	11°14	10°15	5°38	n.a.	S 11
S 12	4 38 11	10°16'44	0♍38	10°55	10°37	23° 8	14°40	18°32	4°48	28° 4	17°30	11°12	10°11	5°44	n.a.	S 12
M13	4 42 8	11°17'53	12°39	12°36	10°R39	23°47	14°53	18°35	4°47	28° 5	17°31	11°D11	10° 8	5°51	n.a.	M13
T 14	4 46 4	12°19'02	24°32	14°18	10°38	24°27	15° 6	18°38	4°47	28° 6	17°33	11°12	10° 5	5°58	n.a.	T 14
W15	4 50 1	13°20'09	6♎21	16° 0	10°35	25° 7	15°19	18°40	4°46	28° 7	17°34	11°14	10° 2	6° 4	n.a.	W15
T 16	4 53 57	14°21'16	18°11	17°42	10°29	25°47	15°33	18°43	4°46	28° 8	17°36	11°15	9°59	6°11	n.a.	T 16
F 17	4 57 54	15°22'22	0♏ 6	19°25	10°21	26°26	15°46	18°45	4°45	28° 9	17°37	11°17	9°56	6°18	n.a.	F 17
S 18	5 1 50	16°23'28	12°11	21° 9	10°10	27° 6	15°59	18°47	4°45	28° 9	17°38	11°R18	9°52	6°24	n.a.	S 18
S 19	5 5 47	17°24'32	24°29	22°53	9°57	27°46	16°13	18°49	4°45	28°10	17°40	11°17	9°49	6°31	n.a.	S 19
M20	5 9 43	18°25'36	7♐ 2	24°37	9°41	28°26	16°27	18°51	4°44	28°11	17°41	11°14	9°46	6°38	n.a.	M20
T 21	5 13 40	19°26'38	19°52	26°22	9°23	29° 6	16°40	18°53	4°44	28°12	17°43	11° 9	9°43	6°44	n.a.	T 21
W22	5 17 37	20°27'40	2♉57	28° 8	9° 2	29°46	16°54	18°55	4°44	28°12	17°45	11° 3	9°40	6°51	n.a.	W22
T 23	5 21 33	21°28'40	16°18	29°53	8°39	0♓25	17° 8	18°57	4°44	28°13	17°46	10°56	9°36	6°58	n.a.	T 23
F 24	5 25 30	22°29'38	29°52	1♉39	8°14	1° 5	17°21	18°58	4°D44	28°14	17°48	10°49	9°33	7° 4	n.a.	F 24
S 25	5 29 26	23°30'36	13♒36	3°25	7°47	1°45	17°35	19° 0	4°44	28°14	17°49	10°42	9°30	7°11	n.a.	S 25
S 26	5 33 23	24°31'31	27°30	5°10	7°18	2°25	17°49	19° 1	4°44	28°15	17°51	10°37	9°27	7°18	n.a.	S 26
M27	5 37 19	25°32'25	11♓29	6°56	6°47	3° 5	18° 3	19° 2	4°44	28°15	17°52	10°34	9°24	7°24	n.a.	M27
T 28	5 41 16	26°33'18	25°33	8°41	6°14	3°45	18°17	19° 3	4°44	28°16	17°54	10°D33	9°21	7°31	n.a.	T 28
W29	5 45 12	27°34'08	9♈41	10°25	5°40	4°24	18°31	19° 5	4°45	28°16	17°56	10°34	9°17	7°38	n.a.	W29
T 30	5 49 9	28°34'57	23°51	12° 8	5° 5	5° 4	18°45	19° 6	4°45	28°16	17°57	10°35	9°14	7°44	n.a.	T 30
F 31	5 53 6	29♐35'44	8♉ 2	13♉50	4♉29	5♓44	18♉59	19♍ 6	4♈45	28♍17	17♉59	10°R36	9♏11	7♎51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s17	2n54	3n34	19s53	1s 6	24s37	1s 1	17s18	1s 0	24s 7	0s52	7n 6	2n27	1n26	0s38	2n41	1n59	33s49	11s14	15s32	15s18	4s37		n.a.	W 1
T 2	20 30	7 44	2 28	20 22	1 11	24 26	0 51	17 4	0 58	24 6	0 52	7 4	2 28	1 25	0 38	2 41	1 59	33 49	11 14	15 32	15 17	4 39		n.a.	T 2
F 3	20 43	12 10	1 13	20 51	1 16	24 14	0 42	16 51	0 57	24 4	0 52	7 3	2 28	1 25	0 38	2 40	1 59	33 49	11 13	15 33	15 16	4 41		n.a.	F 3
S 4	20 56	15 51	0s 7	21 19	1 21	24 3	0 31	16 37	0 56	24 3	0 52	7 2	2 28	1 24	0 38	2 40	2 0	33 48	11 13	15 33	15 15	4 43		n.a.	S 4
S 5	21 8	18 30	1 27	21 45	1 26	23 51	0 21	16 24	0 54	24 2	0 52	7 1	2 28	1 24	0 38	2 39	2 0	33 48	11 13	15 33	15 14	4 45		n.a.	S 5
M 6	21 19	19 57	2 39	22 11	1 31	23 38	0 10	16 10	0 53	24 1	0 52	7 0	2 29	1 24	0 38	2 39	2 0	33 48	11 13	15 32	15 13	4 47		n.a.	M 6
T 7	21 31	20 6	3 40	22 35	1 35	23 26	0n 1	15 56	0 52	23 59	0 52	6 59	2 29	1 23	0 38	2 38	2 0	33 47	11 13	15 31	15 12	4 49		n.a.	T 7
W 8	21 42	19 2	4 27	22 58	1 39	23 13	0 13	15 42	0 51	23 58	0 52	6 58	2 29	1 23	0 38	2 38	2 0	33 47	11 13	15 30	15 11	4 51		n.a.	W 8
T 9	21 52	16 57	4 58	23 20	1 43	23 0	0 25	15 28	0 49	23 57	0 52	6 57	2 29	1 23	0 38	2 38	2 0	33 47	11 13	15 29	15 10	4 53		n.a.	T 9
F 10	22 2	14 5	5 13	23 41	1 46	22 47	0 38	15 13	0 48	23 55	0 52	6 56	2 30	1 22	0 37	2 37	2 0	33 46	11 12	15 28	15 9	4 55		n.a.	F 10
S 11	22 12	10 38	5 12	24 0	1 49	22 34	0 50	14 59	0 47	23 54	0 52	6 55	2 30	1 22	0 37	2 37	2 0	33 46	11 12	15 27	15 8	4 57		n.a.	S 11
S 12	22 21	6 49	4 56	24 18	1 52	22 21	1 4	14 45	0 45	23 52	0 52	6 54	2 30	1 22	0 37	2 37	2 0	33 46	11 12	15 26	15 7	4 59		n.a.	S 12
M13	22 30	2 48	4 28	24 34	1 55	22 7	1 17	14 30	0 44	23 51	0 52	6 53	2 31	1 22	0 37	2 36	2 0	33 45	11 12	15 26	15 6	5 1		n.a.	M13
T 14	22 38	1s17	3 49	24 49	1 57	21 53	1 31	14 16	0 43	23 49	0 52	6 53	2 31	1 22	0 37	2 36	2 0	33 45	11 12	15 26	15 5	5 3		n.a.	T 14
W15	22 46	5 18	3 0	25 3	1 58	21 40	1 45	14 1	0 42	23 48	0 52	6 52	2 31	1 21	0 37	2 36	2 0	33 45	11 12	15 27	15 4	5 5		n.a.	W15
T 16	22 54	9 8	2 3	25 14	2 0	21 26	1 59	13 46	0 41	23 46	0 52	6 51	2 31	1 21	0 37	2 35	2 0	33 44	11 12	15 27	15 3	5 7		n.a.	T 16
F 17	23 1	12 38	1 1	25 25	2 1	21 12	2 14	13 31	0 39	23 45	0 52	6 50	2 32	1 21	0 37	2 35	2 0	33 44	11 12	15 28	15 2	5 9		n.a.	F 17
S 18	23 7	15 40	0n 5	25 33	2 1	20 58	2 28	13 16	0 38	23 43	0 52	6 50	2 32	1 21	0 37	2 35	2 0	33 44	11 11	15 28	15 1	5 11		n.a.	S 18
S 19	23 13	18 3	1 11	25 39	2 1	20 44	2 43	13 1	0 37	23 41	0 52	6 49	2 32	1 21	0 37	2 35	2 1	33 43	11 11	15 28	15 0	5 13		n.a.	S 19
M20	23 19	19 37	2 16	25 44	2 1	20 30	2 58	12 46	0 36	23 40	0 52	6 49	2 32	1 21	0 37	2 34	2 1	33 43	11 11	15 27	14 59	5 15		n.a.	M20
T 21	23 24	20 12	3 15	25 47	2 0	20 17	3 13	12 31	0 35	23 38	0 52	6 48	2 33	1 21	0 37	2 34	2 1	33 43	11 11	15 25	14 58	5 17		n.a.	T 21
W22	23 29	19 44	4 4	25 48	1 59	20 3	3 29	12 16	0 34	23 36	0 52	6 48	2 33	1 21	0 37	2 34	2 1	33 43	11 11	15 23	14 57	5 19		n.a.	W22
T 23	23 33	18 10	4 42	25 46	1 56	19 49	3 44	12 0	0 32	23 35	0 52	6 47	2 33	1 21	0 37	2 34	2 1	33 42	11 11	15 21	14 56	5 21		n.a.	T 23
F 24	23 37	15 34	5 4	25 43	1 54	19 36	3 59	11 45	0 31	23 33	0 52	6 47	2 34	1 21	0 37	2 34	2 1	33 42	11 11	15 19	14 55	5 23		n.a.	F 24
S 25	23 40	12 5	5 9	25 38	1 51	19 23	4 14	11 30	0 30	23 31	0 52	6 47	2 34	1 21	0 37	2 33	2 1	33 42	11 11	15 17	14 54	5 25		n.a.	S 25
S 26	23 43	7 55	4 56	25 30	1 47	19 9	4 29	11 14	0 29	23 29	0 52	6 46	2 34	1 21	0 37	2 33	2 1	33 41	11 11	15 15	14 53	5 27		n.a.	S 26
M27	23 45	3 17	4 26	25 21	1 42	18 57	4 43	10 58	0 28	23 27	0 52	6 46	2 34	1 21	0 37	2 33	2 1	33 41	11 11	15 14	14 52	5 29		n.a.	M27
T 28	23 47	1n33	3 39	25 9	1 37	18 44	4 57	10 43	0 27	23 25	0 52	6 46	2 35	1 21	0 37	2 33	2 1	33 41	11 11	15 14	14 51	5 31		n.a.	T 28
W29	23 49	6 20	2 39	24 55	1 31	18 32	5 11	10 27	0 26	23 23	0 52	6 46	2 35	1 21	0 37	2 33	2 1	33 40	11 11	15 14	14 50	5 33		n.a.	W29
T 30	23 49	10 47	1 29	24 40	1 24	18 20	5 24	10 11	0 25	23 22	0 52	6 46	2 35	1 21	0 37	2 33	2 1	33 40	11 11	15 14	14 48	5 35		n.a.	T 30
F 31	23s50	14n38	0n14	24s22	1s16	18s 9	5n37	9s55	0s24	23s20	0s52	6n45	2n36	1n22	0s37	2n33	2n 1	33s40	11s11	15s15	14s47	5s37		n.a.	F 31

Julian Day Number = 1294049.5, Delta T = 07h56m31s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'34, Lahiri = -20°06'34 Julian Calendar 1 Dec. 1171 BCE == Greg. Calendar 20 Nov. 1171 BCE

The year -1170 astronomical counting style corresponds to year 1171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

JANUARY 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 2	0♉36'30	22♉12	15♉30	3°R52	6♓24	19♉13	19♍ 7	4♈46	28♍17	18♉ 0	10°R35	9♏ 8	7♎58	n.a.	S 1
S 2	6 0 59	1°37'14	6♊17	17° 8	3♉14	7° 4	19°27	19° 8	4°46	28°17	18° 2	10♏33	9° 5	8° 4	n.a.	S 2
M 3	6 4 55	2°37'56	20°14	18°44	2°37	7°43	19°41	19° 8	4°47	28°18	18° 4	10°27	9° 2	8°11	n.a.	M 3
T 4	6 8 52	3°38'37	3♋59	20°16	1°59	8°23	19°55	19° 9	4°47	28°18	18° 5	10°20	8°58	8°18	n.a.	T 4
W 5	6 12 48	4°39'16	17°29	21°45	1°22	9° 3	20° 9	19° 9	4°48	28°18	18° 7	10°11	8°55	8°24	n.a.	W 5
T 6	6 16 45	5°39'53	0♌41	23° 9	0°45	9°43	20°23	19°10	4°48	28°18	18° 9	10° 0	8°52	8°31	n.a.	T 6
F 7	6 20 42	6°40'29	13°33	24°28	0°10	10°23	20°38	19°10	4°49	28°18	18°10	9°50	8°49	8°38	n.a.	F 7
S 8	6 24 38	7°41'03	26° 7	25°42	29♐35	11° 2	20°52	19°R10	4°50	28°18	18°12	9°42	8°46	8°44	n.a.	S 8
S 9	6 28 35	8°41'36	8♍24	26°49	29° 1	11°42	21° 6	19°10	4°51	28°18	18°14	9°35	8°42	8°51	n.a.	S 9
M10	6 32 31	9°42'07	20°27	27°49	28°30	12°22	21°20	19°10	4°51	28°R18	18°15	9°30	8°39	8°58	n.a.	M10
T 11	6 36 28	10°42'37	2♎20	28°41	27°59	13° 2	21°35	19° 9	4°52	28°18	18°17	9°28	8°36	9° 4	n.a.	T 11
W12	6 40 24	11°43'05	14° 9	29°25	27°31	13°41	21°49	19° 9	4°53	28°18	18°19	9°D28	8°33	9°11	n.a.	W12
T 13	6 44 21	12°43'32	25°59	29°59	27° 5	14°21	22° 3	19° 8	4°54	28°18	18°20	9°28	8°30	9°18	n.a.	T 13
F 14	6 48 17	13°43'57	7♏55	0♒25	26°41	15° 1	22°18	19° 8	4°55	28°18	18°22	9°R29	8°27	9°24	n.a.	F 14
S 15	6 52 14	14°44'21	20° 3	0°41	26°19	15°40	22°32	19° 7	4°56	28°18	18°24	9°28	8°23	9°31	n.a.	S 15
S 16	6 56 11	15°44'43	2♐26	0°R47	25°59	16°20	22°47	19° 6	4°58	28°18	18°25	9°26	8°20	9°38	n.a.	S 16
M17	7 0 7	16°45'03	15°10	0°42	25°42	17° 0	23° 1	19° 6	4°59	28°18	18°27	9°21	8°17	9°44	n.a.	M17
T 18	7 4 4	17°45'22	28°14	0°28	25°27	17°39	23°15	19° 5	5° 0	28°17	18°29	9°13	8°14	9°51	n.a.	T 18
W19	7 8 0	18°45'38	11♑40	0° 4	25°15	18°19	23°30	19° 4	5° 1	28°17	18°30	9° 3	8°11	9°58	n.a.	W19
T 20	7 11 57	19°45'53	25°26	29♑32	25° 5	18°59	23°44	19° 2	5° 3	28°17	18°32	8°51	8° 8	10° 4	n.a.	T 20
F 21	7 15 53	20°46'06	9♒28	28°52	24°58	19°38	23°59	19° 1	5° 4	28°16	18°34	8°40	8° 4	10°11	n.a.	F 21
S 22	7 19 50	21°46'17	23°40	28° 4	24°53	20°18	24°13	19° 0	5° 6	28°16	18°36	8°29	8° 1	10°18	n.a.	S 22
S 23	7 23 46	22°46'25	7♓58	27°11	24°50	20°58	24°27	18°58	5° 7	28°16	18°37	8°20	7°58	10°24	n.a.	S 23
M24	7 27 43	23°46'32	22°17	26°14	24°D50	21°37	24°42	18°57	5° 9	28°15	18°39	8°14	7°55	10°31	n.a.	M24
T 25	7 31 40	24°46'36	6♈32	25°14	24°53	22°17	24°56	18°55	5°10	28°15	18°41	8°11	7°52	10°38	n.a.	T 25
W26	7 35 36	25°46'37	20°41	24°12	24°57	22°56	25°11	18°53	5°12	28°14	18°42	8°D10	7°48	10°44	n.a.	W26
T 27	7 39 33	26°46'37	4♉44	23°10	25° 4	23°36	25°25	18°51	5°14	28°14	18°44	8°R10	7°45	10°51	n.a.	T 27
F 28	7 43 29	27°46'34	18°39	22°10	25°14	24°16	25°40	18°50	5°15	28°13	18°46	8°10	7°42	10°58	n.a.	F 28
S 29	7 47 26	28°46'28	2♊26	21°12	25°25	24°55	25°54	18°47	5°17	28°12	18°47	8° 8	7°39	11° 4	n.a.	S 29
S 30	7 51 22	29°46'21	16° 6	20°18	25°39	25°35	26° 9	18°45	5°19	28°12	18°49	8° 4	7°36	11°11	n.a.	S 30
M31	7 55 19	0♒46'11	29♊36	19♑29	25♐54	26♓14	26♑23	18♍43	5♈21	28♍11	18♉51	7♏56	7♏33	11♎18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s50	17n37	1s 2	24s 2	1s 8	17s57	5n49	9s40	0s23	23s18	0s52	6n45	2n36	1n22	0s37	2n33	2n 1	33s40	11s10	15s14	14s46	5s39		n.a.	S 1
S 2	23 49	19 31	2 14	23 41	0 58	17 47	6 1	9 24	0 22	23 16	0 52	6 45	2 36	1 22	0 37	2 33	2 2	33 39	11 10	15 14	14 45	5 41		n.a.	S 2
M 3	23 48	20 12	3 17	23 18	0 48	17 37	6 11	9 8	0 21	23 14	0 52	6 45	2 36	1 22	0 37	2 33	2 2	33 39	11 10	15 12	14 44	5 43		n.a.	M 3
T 4	23 47	19 40	4 7	22 53	0 37	17 27	6 22	8 52	0 20	23 11	0 52	6 45	2 37	1 22	0 37	2 33	2 2	33 39	11 10	15 10	14 43	5 45		n.a.	T 4
W 5	23 45	18 0	4 42	22 28	0 25	17 19	6 31	8 36	0 19	23 9	0 53	6 46	2 37	1 23	0 37	2 33	2 2	33 38	11 10	15 7	14 42	5 47		n.a.	W 5
T 6	23 42	15 26	5 1	22 1	0 13	17 10	6 39	8 19	0 18	23 7	0 53	6 46	2 37	1 23	0 36	2 33	2 2	33 38	11 10	15 3	14 41	5 49		n.a.	T 6
F 7	23 40	12 10	5 5	21 34	0n 1	17 3	6 47	8 3	0 17	23 5	0 53	6 46	2 38	1 23	0 36	2 33	2 2	33 38	11 10	15 0	14 40	5 51		n.a.	F 7
S 8	23 36	8 26	4 53	21 6	0 15	16 56	6 54	7 47	0 16	23 3	0 53	6 46	2 38	1 24	0 36	2 33	2 2	33 38	11 10	14 57	14 39	5 53		n.a.	S 8
S 9	23 32	4 25	4 28	20 39	0 30	16 50	7 0	7 31	0 15	23 1	0 53	6 46	2 38	1 24	0 36	2 33	2 2	33 37	11 10	14 55	14 38	5 55		n.a.	S 9
M10	23 28	0 18	3 51	20 12	0 45	16 44	7 5	7 14	0 14	22 59	0 53	6 47	2 38	1 24	0 36	2 33	2 2	33 37	11 10	14 54	14 37	5 57		n.a.	M10
T 11	23 23	3s46	3 5	19 46	1 1	16 39	7 10	6 58	0 13	22 56	0 53	6 47	2 39	1 25	0 36	2 33	2 2	33 37	11 10	14 53	14 36	5 59		n.a.	T 11
W12	23 18	7 41	2 11	19 20	1 18	16 35	7 13	6 42	0 12	22 54	0 53	6 48	2 39	1 25	0 36	2 33	2 2	33 37	11 10	14 53	14 35	6 1		n.a.	W12
T 13	23 13	11 18	1 12	18 57	1 34	16 32	7 16	6 25	0 11	22 52	0 53	6 48	2 39	1 26	0 36	2 33	2 2	33 36	11 10	14 53	14 34	6 3		n.a.	T 13
F 14	23 7	14 31	0 8	18 35	1 51	16 30	7 18	6 9	0 10	22 49	0 53	6 48	2 40	1 26	0 36	2 33	2 2	33 36	11 10	14 53	14 33	6 5		n.a.	F 14
S 15	23 0	17 9	0n56	18 16	2 7	16 28	7 19	5 53	0 9	22 47	0 53	6 49	2 40	1 27	0 36	2 33	2 2	33 36	11 10	14 53	14 32	6 7		n.a.	S 15
S 16	22 53	19 3	1 59	17 59	2 23	16 27	7 19	5 36	0 8	22 45	0 53	6 50	2 40	1 27	0 36	2 33	2 3	33 36	11 10	14 52	14 31	6 9		n.a.	S 16
M17	22 46	20 3	2 58	17 45	2 39	16 27	7 19	5 20	0 7	22 42	0 53	6 50	2 40	1 28	0 36	2 34	2 3	33 36	11 10	14 51	14 30	6 11		n.a.	M17
T 18	22 38	20 0	3 49	17 33	2 54	16 27	7 18	5 3	0 6	22 40	0 53	6 51	2 41	1 28	0 36	2 34	2 3	33 35	11 11	14 48	14 29	6 13		n.a.	T 18
W19	22 30	18 51	4 29	17 25	3 7	16 28	7 17	4 46	0 5	22 37	0 53	6 51	2 41	1 29	0 36	2 34	2 3	33 35	11 11	14 45	14 28	6 15		n.a.	W19
T 20	22 21	16 35	4 54	17 20	3 19	16 30	7 15	4 30	0 4	22 35	0 53	6 52	2 41	1 29	0 36	2 34	2 3	33 35	11 11	14 41	14 27	6 17		n.a.	T 20
F 21	22 12	13 20	5 2	17 18	3 30	16 32	7 12	4 13	0 4	22 33	0 53	6 53	2 41	1 30	0 36	2 34	2 3	33 35	11 11	14 37	14 26	6 18		n.a.	F 21
S 22	22 2	9 16	4 51	17 19	3 39	16 35	7 9	3 57	0 3	22 30	0 54	6 54	2 42	1 31	0 36	2 35	2 3	33 35	11 11	14 34	14 25	6 20		n.a.	S 22
S 23	21 52	4 40	4 23	17 22	3 46	16 39	7 6	3 40	0 2	22 27	0 54	6 55	2 42	1 31	0 36	2 35	2 3	33 34	11 11	14 31	14 24	6 22		n.a.	S 23
M24	21 42	0n13	3 38	17 28	3 51	16 43	7 2	3 23	0 1	22 25	0 54	6 55	2 42	1 32	0 36	2 35	2 3	33 34	11 11	14 29	14 23	6 24		n.a.	M24
T 25	21 31	5 4	2 39	17 37	3 54	16 47	6 57	3 7	0 0	22 22	0 54	6 56	2 42	1 32	0 36	2 35	2 3	33 34	11 11	14 28	14 22	6 26		n.a.	T 25
W26	21 20	9 37	1 31	17 47	3 54	16 52	6 52	2 50	0n 1	22 20	0 54	6 57	2 43	1 33	0 36	2 36	2 3	33 34	11 11	14 27	14 20	6 28		n.a.	W26
T 27	21 9	13 36	0 18	17 59	3 53	16 57	6 47	2 34	0 1	22 17	0 54	6 58	2 43	1 34	0 36	2 36	2 3	33 34	11 11	14 27	14 19	6 30		n.a.	T 27
F 28	20 57	16 46	0s55	18 12	3 49	17 3	6 42	2 17	0 2	22 15	0 54	6 59	2 43	1 35	0 36	2 36	2 3	33 33	11 11	14 27	14 18	6 32		n.a.	F 28
S 29	20 45	18 57	2 5	18 27	3 44	17 9	6 36	2 0	0 3	22 12	0 54	7 0	2 43	1 35	0 36	2 36	2 3	33 33	11 11	14 27	14 17	6 34		n.a.	S 29
S 30	20 32	20 0	3 6	18 42	3 37	17 16	6 30	1 44	0 4	22 9	0 54	7 1	2 44	1 36	0 36	2 37	2 3	33 33	11 11	14 25	14 16	6 36		n.a.	S 30
M31	20s19	19n53	3s56	18s58	3n28	17s22	6n24	1s27	0n 5	22s 6	0s54	7n 2	2n44	1n37	0s36	2n37	2n 4	33s33	11s11	14s23	14s15	6s38		n.a.	M31

Julian Day Number = 1294080.5, Delta T = 07h56m29s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'30, Lahiri = -20°06'29 Julian Calendar 1 Jan. 1170 BCE == Greg. Calendar 21 Dec. 1171 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

FEBRUARY 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 15	1♒45'58	12♋57	18°R45	26♐12	26♓54	26♑37	18°R41	5♈23	28°R10	18♑52	7°R46	7♏29	11♎24	n.a.	T 1
W 2	8 3 12	2°45'44	26° 5	18♑ 7	26°31	27°33	26°52	18♏38	5°25	28♏10	18°54	7♏34	7°26	11°31	n.a.	W 2
T 3	8 7 8	3°45'27	9♌ 0	17°35	26°53	28°13	27° 6	18°36	5°27	28° 9	18°56	7°20	7°23	11°38	n.a.	T 3
F 4	8 11 5	4°45'08	21°41	17° 9	27°16	28°52	27°21	18°33	5°29	28° 8	18°57	7° 7	7°20	11°44	n.a.	F 4
S 5	8 15 2	5°44'47	4♍ 7	16°50	27°41	29°31	27°35	18°31	5°31	28° 7	18°59	6°55	7°17	11°51	n.a.	S 5
S 6	8 18 58	6°44'25	16°19	16°38	28° 7	0♈11	27°49	18°28	5°33	28° 6	19° 1	6°45	7°14	11°58	n.a.	S 6
M 7	8 22 55	7°44'00	28°20	16°32	28°36	0°50	28° 4	18°25	5°35	28° 6	19° 2	6°37	7°10	12° 4	n.a.	M 7
T 8	8 26 51	8°43'33	10♎12	16°D31	29° 5	1°30	28°18	18°22	5°37	28° 5	19° 4	6°33	7° 7	12°11	n.a.	T 8
W 9	8 30 48	9°43'04	22° 0	16°37	29°37	2° 9	28°32	18°19	5°39	28° 4	19° 5	6°31	7° 4	12°18	n.a.	W 9
T 10	8 34 44	10°42'33	3♏49	16°48	0♑10	2°48	28°46	18°16	5°42	28° 3	19° 7	6°30	7° 1	12°24	n.a.	T 10
F 11	8 38 41	11°42'00	15°45	17° 5	0°44	3°28	29° 1	18°13	5°44	28° 2	19° 9	6°30	6°58	12°31	n.a.	F 11
S 12	8 42 37	12°41'26	27°52	17°27	1°19	4° 7	29°15	18°10	5°46	28° 1	19°10	6°30	6°54	12°38	n.a.	S 12
S 13	8 46 34	13°40'49	10♐16	17°54	1°56	4°46	29°29	18° 7	5°49	28° 0	19°12	6°27	6°51	12°44	n.a.	S 13
M14	8 50 31	14°40'11	23° 2	18°25	2°34	5°25	29°43	18° 4	5°51	27°59	19°13	6°23	6°48	12°51	n.a.	M14
T 15	8 54 27	15°39'31	6♑13	19° 0	3°13	6° 5	29°58	18° 0	5°54	27°58	19°15	6°15	6°45	12°58	n.a.	T 15
W16	8 58 24	16°38'48	19°50	19°40	3°53	6°44	0♒12	17°57	5°56	27°57	19°16	6° 5	6°42	13° 4	n.a.	W16
T 17	9 2 20	17°38'04	3♒52	20°23	4°35	7°23	0°26	17°53	5°59	27°55	19°18	5°54	6°39	13°11	n.a.	T 17
F 18	9 6 17	18°37'17	18°15	21°10	5°17	8° 2	0°40	17°50	6° 1	27°54	19°19	5°42	6°35	13°18	n.a.	F 18
S 19	9 10 13	19°36'29	2♓52	22° 0	6° 0	8°42	0°54	17°46	6° 4	27°53	19°21	5°31	6°32	13°24	n.a.	S 19
S 20	9 14 10	20°35'37	17°37	22°53	6°45	9°21	1° 8	17°42	6° 6	27°52	19°22	5°23	6°29	13°31	n.a.	S 20
M21	9 18 6	21°34'44	2♈20	23°50	7°30	10° 0	1°22	17°38	6° 9	27°51	19°24	5°16	6°26	13°37	n.a.	M21
T 22	9 22 3	22°33'48	16°56	24°49	8°16	10°39	1°36	17°35	6°12	27°49	19°25	5°13	6°23	13°44	n.a.	T 22
W23	9 25 59	23°32'50	1♉20	25°51	9° 3	11°18	1°50	17°31	6°15	27°48	19°27	5°D12	6°20	13°51	n.a.	W23
T 24	9 29 56	24°31'49	15°29	26°55	9°51	11°57	2° 4	17°27	6°17	27°47	19°28	5°12	6°16	13°57	n.a.	T 24
F 25	9 33 53	25°30'46	29°22	28° 2	10°39	12°36	2°18	17°23	6°20	27°46	19°30	5°R12	6°13	14° 4	n.a.	F 25
S 26	9 37 49	26°29'41	13♊ 0	29°12	11°28	13°15	2°31	17°19	6°23	27°44	19°31	5°11	6°10	14°11	n.a.	S 26
S 27	9 41 46	27°28'33	26°25	0♒23	12°18	13°54	2°45	17°15	6°26	27°43	19°33	5° 8	6° 7	14°17	n.a.	S 27
M28	9 45 42	28♒27'22	9♋36	1♒37	13♑ 9	14♈34	2♒59	17♏10	6♈29	27♏42	19♑34	5♏ 2	6♏ 4	14♎24	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 6	18n40	4s33	19s14	3n18	17s29	6n18	1s10	0n 5	22s 4	0s54	7n 4	2n44	1n38	0s36	2n37	2n 4	33s33	11s12	14s20	14s14	6s40		n.a.
W 2	19 52	16 28	4 54	19 30	3 7	17 36	6 11	0 54	0 6	22 1	0 54	7 5	2 44	1 39	0 35	2 38	2 4	33 33	11 12	14 16	14 13	6 42		n.a.
T 3	19 38	13 29	5 0	19 46	2 55	17 44	6 4	0 37	0 7	21 58	0 54	7 6	2 45	1 39	0 35	2 38	2 4	33 32	11 12	14 11	14 12	6 44		n.a.
F 4	19 23	9 56	4 51	20 1	2 43	17 51	5 57	0 20	0 8	21 55	0 55	7 7	2 45	1 40	0 35	2 38	2 4	33 32	11 12	14 7	14 11	6 46		n.a.
S 5	19 9	6 1	4 28	20 17	2 29	17 58	5 50	0 4	0 9	21 53	0 55	7 8	2 45	1 41	0 35	2 39	2 4	33 32	11 12	14 3	14 10	6 47		n.a.
S 6	18 54	1 55	3 52	20 32	2 16	18 6	5 43	0n13	0 9	21 50	0 55	7 10	2 45	1 42	0 35	2 39	2 4	33 32	11 12	13 59	14 9	6 49		n.a.
M 7	18 38	2s11	3 7	20 46	2 2	18 14	5 36	0 29	0 10	21 47	0 55	7 11	2 46	1 43	0 35	2 40	2 4	33 32	11 12	13 57	14 8	6 51		n.a.
T 8	18 22	6 10	2 15	21 0	1 49	18 21	5 29	0 46	0 11	21 44	0 55	7 12	2 46	1 44	0 35	2 40	2 4	33 32	11 12	13 55	14 7	6 53		n.a.
W 9	18 6	9 53	1 16	21 13	1 35	18 29	5 21	1 3	0 12	21 41	0 55	7 14	2 46	1 45	0 35	2 40	2 4	33 32	11 13	13 55	14 6	6 55		n.a.
T 10	17 50	13 13	0 14	21 25	1 21	18 36	5 14	1 19	0 12	21 38	0 55	7 15	2 46	1 46	0 35	2 41	2 4	33 32	11 13	13 54	14 5	6 57		n.a.
F 11	17 34	16 3	0n49	21 36	1 8	18 44	5 6	1 36	0 13	21 36	0 55	7 17	2 46	1 47	0 35	2 41	2 4	33 32	11 13	13 54	14 4	6 59		n.a.
S 12	17 17	18 13	1 51	21 46	0 55	18 51	4 59	1 52	0 14	21 33	0 55	7 18	2 47	1 48	0 35	2 42	2 4	33 31	11 13	13 54	14 3	7 1		n.a.
S 13	16 59	19 34	2 49	21 56	0 42	18 58	4 51	2 9	0 14	21 30	0 56	7 20	2 47	1 49	0 35	2 42	2 4	33 31	11 13	13 53	14 2	7 3		n.a.
M14	16 42	19 59	3 40	22 4	0 29	19 5	4 44	2 25	0 15	21 27	0 56	7 21	2 47	1 50	0 35	2 43	2 4	33 31	11 13	13 52	14 0	7 5		n.a.
T 15	16 24	19 20	4 21	22 11	0 17	19 12	4 36	2 42	0 16	21 24	0 56	7 23	2 47	1 51	0 35	2 43	2 4	33 31	11 13	13 49	13 59	7 7		n.a.
W16	16 6	17 34	4 49	22 17	0 5	19 18	4 28	2 58	0 16	21 21	0 56	7 24	2 47	1 52	0 35	2 44	2 4	33 31	11 14	13 46	13 58	7 8		n.a.
T 17	15 48	14 44	5 1	22 22	0s 7	19 25	4 21	3 14	0 17	21 18	0 56	7 26	2 48	1 53	0 35	2 44	2 5	33 31	11 14	13 42	13 57	7 10		n.a.
F 18	15 29	10 57	4 54	22 26	0 18	19 31	4 13	3 31	0 18	21 15	0 56	7 27	2 48	1 54	0 35	2 45	2 5	33 31	11 14	13 38	13 56	7 12		n.a.
S 19	15 11	6 27	4 28	22 28	0 28	19 36	4 5	3 47	0 18	21 12	0 56	7 29	2 48	1 55	0 35	2 45	2 5	33 31	11 14	13 35	13 55	7 14		n.a.
S 20	14 52	1 33	3 44	22 29	0 39	19 42	3 58	4 3	0 19	21 9	0 56	7 30	2 48	1 56	0 35	2 46	2 5	33 31	11 14	13 32	13 54	7 16		n.a.
M21	14 33	3n28	2 45	22 29	0 48	19 47	3 50	4 19	0 20	21 6	0 56	7 32	2 48	1 57	0 35	2 46	2 5	33 31	11 15	13 30	13 53	7 18		n.a.
T 22	14 13	8 13	1 35	22 28	0 58	19 52	3 43	4 36	0 20	21 3	0 57	7 34	2 48	1 58	0 35	2 47	2 5	33 31	11 15	13 28	13 52	7 20		n.a.
W23	13 53	12 27	0 21	22 25	1 7	19 56	3 35	4 52	0 21	21 0	0 57	7 35	2 49	1 59	0 35	2 47	2 5	33 31	11 15	13 28	13 51	7 22		n.a.
T 24	13 34	15 53	0s54	22 20	1 15	20 0	3 28	5 8	0 22	20 57	0 57	7 37	2 49	2 0	0 35	2 48	2 5	33 31	11 15	13 28	13 50	7 24		n.a.
F 25	13 14	18 19	2 5	22 15	1 23	20 4	3 20	5 24	0 22	20 54	0 57	7 39	2 49	2 1	0 35	2 49	2 5	33 31	11 15	13 28	13 49	7 25		n.a.
S 26	12 53	19 39	3 7	22 7	1 30	20 7	3 13	5 40	0 23	20 51	0 57	7 41	2 49	2 3	0 35	2 49	2 5	33 31	11 16	13 28	13 48	7 27		n.a.
S 27	12 33	19 50	3 57	21 59	1 37	20 10	3 6	5 56	0 24	20 48	0 57	7 42	2 49	2 4	0 35	2 50	2 5	33 31	11 16	13 27	13 47	7 29		n.a.
M28	12s12	18n55	4s34	21s49	1s44	20s13	2n58	6n12	0n24	20s45	0s57	7n44	2n49	2n 5	0s35	2n50	2n 5	33s31	11s16	13s25	13s46	7s31		n.a.

Julian Day Number = 1294111.5, Delta T = 07h56m27s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'26, Lahiri = -20°06'25 Julian Calendar 1 Feb. 1170 BCE == Greg. Calendar 21 Jan. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

MARCH 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 39	29♒26'10	22♋35	2♒53	14♉ 0	15♈13	3♒13	17°R 6	6♈32	27°R40	19♉35	4°R53	6♏ 0	14♎31	n.a.	T 1
W 2	9 53 35	0♓24'55	5♌22	4°11	14°52	15°52	3°26	17♍ 2	6°35	27♍39	19°37	4♏43	5°57	14°37	n.a.	W 2
T 3	9 57 32	1°23'37	17°57	5°30	15°45	16°31	3°40	16°58	6°38	27°37	19°38	4°32	5°54	14°44	n.a.	T 3
F 4	10 1 28	2°22'18	0♍22	6°52	16°38	17° 9	3°53	16°54	6°40	27°36	19°39	4°20	5°51	14°51	n.a.	F 4
S 5	10 5 25	3°20'56	12°35	8°16	17°32	17°48	4° 7	16°49	6°43	27°35	19°41	4°10	5°48	14°57	n.a.	S 5
S 6	10 9 21	4°19'32	24°39	9°41	18°26	18°27	4°20	16°45	6°47	27°33	19°42	4° 1	5°45	15° 4	n.a.	S 6
M 7	10 13 18	5°18'06	6♎35	11° 8	19°21	19° 6	4°34	16°41	6°50	27°32	19°43	3°55	5°41	15°11	n.a.	M 7
T 8	10 17 15	6°16'39	18°24	12°37	20°16	19°45	4°47	16°36	6°53	27°30	19°44	3°52	5°38	15°17	n.a.	T 8
W 9	10 21 11	7°15'09	0♏12	14° 8	21°12	20°24	5° 0	16°32	6°56	27°29	19°46	3°D50	5°35	15°24	n.a.	W 9
T 10	10 25 8	8°13'38	12° 0	15°40	22° 8	21° 3	5°14	16°27	6°59	27°27	19°47	3°50	5°32	15°31	n.a.	T 10
F 11	10 29 4	9°12'05	23°55	17°14	23° 5	21°42	5°27	16°23	7° 2	27°26	19°48	3°51	5°29	15°37	n.a.	F 11
S 12	10 33 1	10°10'30	6♐ 1	18°50	24° 2	22°21	5°40	16°18	7° 5	27°24	19°49	3°R52	5°25	15°44	n.a.	S 12
S 13	10 36 57	11° 8'53	18°24	20°28	25° 0	22°59	5°53	16°14	7° 8	27°23	19°50	3°52	5°22	15°51	n.a.	S 13
M14	10 40 54	12° 7'15	1♑ 8	22° 7	25°58	23°38	6° 6	16° 9	7°12	27°21	19°52	3°50	5°19	15°57	n.a.	M14
T 15	10 44 50	13° 5'35	14°17	23°48	26°57	24°17	6°19	16° 5	7°15	27°20	19°53	3°46	5°16	16° 4	n.a.	T 15
W16	10 48 47	14° 3'53	27°55	25°30	27°55	24°56	6°32	16° 0	7°18	27°18	19°54	3°41	5°13	16°11	n.a.	W16
T 17	10 52 43	15° 2'10	12♒ 0	27°14	28°55	25°34	6°45	15°56	7°21	27°16	19°55	3°34	5°10	16°17	n.a.	T 17
F 18	10 56 40	16° 0'25	26°31	29° 0	29°54	26°13	6°58	15°51	7°25	27°15	19°56	3°26	5° 6	16°24	n.a.	F 18
S 19	11 0 37	16°58'38	11♓21	0♓48	0♒54	26°52	7°10	15°47	7°28	27°13	19°57	3°19	5° 3	16°31	n.a.	S 19
S 20	11 4 33	17°56'49	26°23	2°37	1°54	27°31	7°23	15°42	7°31	27°12	19°58	3°13	5° 0	16°37	n.a.	S 20
M21	11 8 30	18°54'58	11♈27	4°28	2°55	28° 9	7°35	15°38	7°35	27°10	19°59	3°10	4°57	16°44	n.a.	M21
T 22	11 12 26	19°53'05	26°24	6°21	3°56	28°48	7°48	15°33	7°38	27° 8	20° 0	3°D 8	4°54	16°50	n.a.	T 22
W23	11 16 23	20°51'10	11♉ 7	8°15	4°57	29°27	8° 0	15°29	7°41	27° 7	20° 1	3° 8	4°51	16°57	n.a.	W23
T 24	11 20 19	21°49'14	25°32	10°12	5°58	0♉ 5	8°13	15°24	7°45	27° 5	20° 2	3° 9	4°47	17° 4	n.a.	T 24
F 25	11 24 16	22°47'15	9♊34	12° 9	7° 0	0°44	8°25	15°20	7°48	27° 4	20° 3	3°10	4°44	17°10	n.a.	F 25
S 26	11 28 12	23°45'14	23°15	14° 9	8° 2	1°22	8°37	15°16	7°51	27° 2	20° 4	3°R11	4°41	17°17	n.a.	S 26
S 27	11 32 9	24°43'11	6♋36	16°10	9° 4	2° 1	8°49	15°11	7°55	27° 0	20° 5	3°10	4°38	17°24	n.a.	S 27
M28	11 36 6	25°41'06	19°38	18°13	10° 7	2°40	9° 1	15° 7	7°58	26°59	20° 6	3° 8	4°35	17°30	n.a.	M28
T 29	11 40 2	26°38'59	2♌23	20°17	11°10	3°18	9°13	15° 2	8° 2	26°57	20° 6	3° 4	4°31	17°37	n.a.	T 29
W30	11 43 59	27°36'50	14°55	22°22	12°13	3°57	9°25	14°58	8° 5	26°55	20° 7	2°59	4°28	17°44	n.a.	W30
T 31	11 47 55	28♓34'39	27♌15	24♓29	13♒16	4♉35	9♒37	14♍54	8♈ 8	26♍54	20♑ 8	2♏53	4♏25	17♎50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s51	17n 2	4s56	21s37	1s50	20s15	2n51	6n28	0n25	20s41	0s58	7n46	2n49	2n 6	0s35	2n51	2n 5	33s31	11s16	13s22	13s44	7s33			n.a.
W 2	11 30	14 20	5 3	21 23	1 55	20 16	2 44	6 44	0 25	20 38	0 58	7 48	2 49	2 7	0 35	2 51	2 5	33 31	11 16	13 18	13 43	7 35			n.a.
T 3	11 9	11 1	4 55	21 9	2 0	20 18	2 37	7 0	0 26	20 35	0 58	7 49	2 50	2 9	0 35	2 52	2 5	33 31	11 17	13 14	13 42	7 37			n.a.
F 4	10 48	7 16	4 33	20 52	2 5	20 18	2 30	7 15	0 27	20 32	0 58	7 51	2 50	2 10	0 35	2 53	2 5	33 31	11 17	13 10	13 41	7 38			n.a.
S 5	10 27	3 17	3 59	20 34	2 9	20 18	2 22	7 31	0 27	20 29	0 58	7 53	2 50	2 11	0 35	2 53	2 5	33 31	11 17	13 7	13 40	7 40			n.a.
S 6	10 5	0s48	3 14	20 14	2 12	20 18	2 16	7 47	0 28	20 26	0 58	7 55	2 50	2 12	0 35	2 54	2 5	33 31	11 17	13 4	13 39	7 42			n.a.
M 7	9 43	4 48	2 21	19 53	2 15	20 17	2 9	8 2	0 28	20 23	0 58	7 57	2 50	2 13	0 35	2 54	2 5	33 31	11 18	13 2	13 38	7 44			n.a.
T 8	9 21	8 35	1 22	19 30	2 18	20 16	2 2	8 18	0 29	20 20	0 59	7 58	2 50	2 15	0 35	2 55	2 5	33 31	11 18	13 1	13 37	7 46			n.a.
W 9	8 59	12 2	0 20	19 5	2 20	20 14	1 55	8 33	0 29	20 17	0 59	8 0	2 50	2 16	0 35	2 56	2 5	33 31	11 18	13 0	13 36	7 48			n.a.
T 10	8 37	15 0	0n44	18 39	2 21	20 12	1 48	8 48	0 30	20 13	0 59	8 2	2 50	2 17	0 35	2 56	2 5	33 31	11 18	13 0	13 35	7 50			n.a.
F 11	8 15	17 21	1 46	18 10	2 22	20 9	1 42	9 4	0 31	20 10	0 59	8 4	2 50	2 19	0 35	2 57	2 5	33 31	11 19	13 1	13 34	7 51			n.a.
S 12	7 53	18 58	2 44	17 41	2 23	20 5	1 35	9 19	0 31	20 7	0 59	8 6	2 50	2 20	0 34	2 58	2 5	33 31	11 19	13 1	13 33	7 53			n.a.
S 13	7 30	19 43	3 37	17 9	2 23	20 2	1 29	9 34	0 32	20 4	0 59	8 8	2 50	2 21	0 34	2 58	2 5	33 31	11 19	13 1	13 32	7 55			n.a.
M14	7 8	19 30	4 20	16 36	2 22	19 57	1 22	9 49	0 32	20 1	1 0	8 9	2 50	2 22	0 34	2 59	2 5	33 31	11 19	13 0	13 31	7 57			n.a.
T 15	6 45	18 14	4 51	16 1	2 21	19 52	1 16	10 4	0 33	19 58	1 0	8 11	2 50	2 24	0 34	3 0	2 5	33 31	11 20	12 59	13 29	7 59			n.a.
W16	6 22	15 55	5 6	15 24	2 19	19 46	1 10	10 19	0 33	19 55	1 0	8 13	2 50	2 25	0 34	3 0	2 5	33 31	11 20	12 57	13 28	8 1			n.a.
T 17	5 59	12 36	5 5	14 46	2 17	19 40	1 4	10 34	0 34	19 51	1 0	8 15	2 51	2 26	0 34	3 1	2 6	33 31	11 20	12 54	13 27	8 3			n.a.
F 18	5 36	8 26	4 44	14 6	2 14	19 34	0 58	10 49	0 34	19 48	1 0	8 17	2 51	2 28	0 34	3 2	2 6	33 32	11 21	12 52	13 26	8 4			n.a.
S 19	5 13	3 41	4 3	13 24	2 11	19 27	0 52	11 4	0 35	19 45	1 0	8 18	2 51	2 29	0 34	3 2	2 6	33 32	11 21	12 49	13 25	8 6			n.a.
S 20	4 50	1n22	3 6	12 41	2 7	19 19	0 46	11 18	0 35	19 42	1 1	8 20	2 51	2 30	0 34	3 3	2 6	33 32	11 21	12 47	13 24	8 8			n.a.
M21	4 27	6 21	1 55	11 55	2 2	19 11	0 40	11 33	0 36	19 39	1 1	8 22	2 51	2 32	0 34	3 4	2 6	33 32	11 21	12 46	13 23	8 10			n.a.
T 22	4 4	10 55	0 36	11 9	1 58	19 2	0 35	11 47	0 36	19 36	1 1	8 24	2 51	2 33	0 34	3 4	2 6	33 32	11 22	12 46	13 22	8 12			n.a.
W23	3 41	14 44	0s43	10 20	1 52	18 52	0 29	12 2	0 37	19 33	1 1	8 26	2 51	2 34	0 34	3 5	2 6	33 32	11 22	12 46	13 21	8 13			n.a.
T 24	3 18	17 32	1 59	9 30	1 46	18 42	0 23	12 16	0 37	19 30	1 1	8 27	2 51	2 36	0 34	3 6	2 6	33 32	11 22	12 46	13 20	8 15			n.a.
F 25	2 54	19 12	3 5	8 38	1 39	18 32	0 18	12 30	0 38	19 27	1 2	8 29	2 51	2 37	0 34	3 6	2 6	33 32	11 23	12 46	13 19	8 17			n.a.
S 26	2 31	19 41	3 59	7 45	1 32	18 21	0 13	12 44	0 38	19 24	1 2	8 31	2 51	2 39	0 34	3 7	2 6	33 33	11 23	12 47	13 18	8 19			n.a.
S 27	2 8	19 2	4 39	6 51	1 25	18 10	0 8	12 58	0 39	19 21	1 2	8 33	2 50	2 40	0 34	3 8	2 6	33 33	11 23	12 46	13 16	8 21			n.a.
M28	1 45	17 23	5 3	5 55	1 17	17 58	0 2	13 12	0 39	19 18	1 2	8 34	2 50	2 41	0 34	3 8	2 6	33 33	11 23	12 46	13 15	8 23			n.a.
T 29	1 21	14 54	5 11	4 57	1 8	17 45	0s 3	13 26	0 40	19 14	1 2	8 36	2 50	2 43	0 34	3 9	2 6	33 33	11 24	12 44	13 14	8 24			n.a.
W30	0 58	11 46	5 5	3 59	0 59	17 32	0 7	13 40	0 40	19 11	1 2	8 38	2 50	2 44	0 34	3 9	2 6	33 33	11 24	12 42	13 13	8 26			n.a.
T 31	0s34	8n11	4s44	2s59	0s50	17s18	0s12	13n54	0n41	19s 8	1s 3	8n39	2n50	2n45	0s34	3n10	2n 6	33s33	11s24	12s40	13s12	8s28			n.a.

Julian Day Number = 1294139.5, Delta T = 07h56m26s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'22, Lahiri = -20°06'21 Julian Calendar 1 March 1170 BCE == Greg. Calendar 18 Feb. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

APRIL 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 51 52	29♓32'27	9♍25	26♓37	14♒19	5♉14	9♒49	14°R49	8♈12	26°R52	20♑ 9	2°R47	4♏22	17♎57	n.a.	F 1
S 2	11 55 48	0♈30'13	21°27	28°46	15°23	5°52	10° 0	14♍45	8°15	26♍51	20°10	2♏42	4°19	18° 4	n.a.	S 2
S 3	11 59 45	1°27'57	3♎22	0♈55	16°27	6°31	10°12	14°41	8°19	26°49	20°10	2°37	4°16	18°10	n.a.	S 3
M 4	12 3 41	2°25'39	15°12	3° 5	17°31	7° 9	10°23	14°37	8°22	26°47	20°11	2°35	4°12	18°17	n.a.	M 4
T 5	12 7 38	3°23'20	27° 0	5°16	18°35	7°48	10°35	14°32	8°26	26°46	20°12	2°D33	4° 9	18°24	n.a.	T 5
W 6	12 11 34	4°21'00	8♏48	7°26	19°40	8°26	10°46	14°28	8°29	26°44	20°12	2°33	4° 6	18°30	n.a.	W 6
T 7	12 15 31	5°18'39	20°39	9°37	20°44	9° 5	10°57	14°24	8°33	26°42	20°13	2°34	4° 3	18°37	n.a.	T 7
F 8	12 19 28	6°16'16	2♐36	11°47	21°49	9°43	11° 8	14°20	8°36	26°41	20°14	2°36	4° 0	18°44	n.a.	F 8
S 9	12 23 24	7°13'52	14°44	13°56	22°54	10°21	11°19	14°16	8°40	26°39	20°14	2°38	3°56	18°50	n.a.	S 9
S 10	12 27 21	8°11'27	27° 7	16° 4	24° 0	11° 0	11°30	14°12	8°43	26°38	20°15	2°39	3°53	18°57	n.a.	S 10
M11	12 31 17	9° 9'01	9♑49	18°10	25° 5	11°38	11°41	14° 8	8°46	26°36	20°15	2°R39	3°50	19° 3	n.a.	M11
T 12	12 35 14	10° 6'33	22°55	20°16	26°11	12°16	11°52	14° 5	8°50	26°35	20°16	2°39	3°47	19°10	n.a.	T 12
W13	12 39 10	11° 4'05	6♒26	22°19	27°16	12°55	12° 2	14° 1	8°53	26°33	20°16	2°37	3°44	19°17	n.a.	W13
T 14	12 43 7	12° 1'35	20°25	24°20	28°22	13°33	12°13	13°57	8°57	26°31	20°17	2°35	3°41	19°23	n.a.	T 14
F 15	12 47 3	12°59'05	4♓51	26°19	29°28	14°11	12°23	13°53	9° 0	26°30	20°17	2°32	3°37	19°30	n.a.	F 15
S 16	12 51 0	13°56'34	19°39	28°16	0♓34	14°50	12°33	13°50	9° 4	26°28	20°18	2°30	3°34	19°37	n.a.	S 16
S 17	12 54 57	14°54'01	4♈43	0♉10	1°41	15°28	12°43	13°46	9° 7	26°27	20°18	2°28	3°31	19°43	n.a.	S 17
M18	12 58 53	15°51'27	19°54	2° 2	2°47	16° 6	12°54	13°43	9°11	26°25	20°18	2°27	3°28	19°50	n.a.	M18
T 19	13 2 50	16°48'52	5♉ 4	3°51	3°54	16°45	13° 3	13°39	9°14	26°24	20°19	2°D27	3°25	19°57	n.a.	T 19
W20	13 6 46	17°46'16	20° 1	5°37	5° 1	17°23	13°13	13°36	9°18	26°22	20°19	2°27	3°22	20° 3	n.a.	W20
T 21	13 10 43	18°43'39	4♊41	7°21	6° 7	18° 1	13°23	13°33	9°21	26°21	20°19	2°28	3°18	20°10	n.a.	T 21
F 22	13 14 39	19°41'01	18°56	9° 1	7°14	18°40	13°33	13°29	9°25	26°19	20°20	2°29	3°15	20°17	n.a.	F 22
S 23	13 18 36	20°38'21	2♋47	10°39	8°22	19°18	13°42	13°26	9°28	26°18	20°20	2°30	3°12	20°23	n.a.	S 23
S 24	13 22 32	21°35'40	16°12	12°14	9°29	19°56	13°51	13°23	9°31	26°16	20°20	2°R30	3° 9	20°30	n.a.	S 24
M25	13 26 29	22°32'58	29°14	13°46	10°36	20°34	14° 1	13°20	9°35	26°15	20°20	2°30	3° 6	20°37	n.a.	M25
T 26	13 30 26	23°30'14	11♌55	15°15	11°44	21°12	14°10	13°17	9°38	26°14	20°20	2°30	3° 2	20°43	n.a.	T 26
W27	13 34 22	24°27'29	24°19	16°40	12°51	21°51	14°19	13°14	9°42	26°12	20°21	2°29	2°59	20°50	n.a.	W27
T 28	13 38 19	25°24'44	6♍30	18° 3	13°59	22°29	14°28	13°12	9°45	26°11	20°21	2°28	2°56	20°57	n.a.	T 28
F 29	13 42 15	26°21'57	18°31	19°23	15° 7	23° 7	14°36	13° 9	9°48	26° 9	20°21	2°27	2°53	21° 3	n.a.	F 29
S 30	13 46 12	27♈19'09	0♎24	20♉39	16♓14	23♉45	14♒45	13♍ 6	9♈52	26♍ 8	20♑21	2♏27	2♏50	21♎10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s11	4n18	4s10	1s59	0s40	17s 4	0s17	14n 7	0n41	19s 5	1s 3	8n41	2n50	2n47	0s34	3n11	2n 6	33s34	11s25	12s38	13s11	8s30		n.a.
S 2	0n12	0 18	3 26	0 58	0 30	16 50	0 22	14 21	0 42	19 2	1 3	8 43	2 50	2 48	0 34	3 11	2 6	33 34	11 25	12 36	13 10	8 32		n.a.
S 3	0 36	3s42	2 33	0n 4	0 20	16 35	0 26	14 34	0 42	18 59	1 3	8 44	2 50	2 50	0 34	3 12	2 6	33 34	11 25	12 35	13 9	8 33		n.a.
M 4	0 59	7 31	1 34	1 6	0 10	16 19	0 31	14 47	0 42	18 57	1 4	8 46	2 50	2 51	0 34	3 13	2 6	33 34	11 26	12 34	13 8	8 35		n.a.
T 5	1 22	11 3	0 30	2 8	0n 1	16 3	0 35	15 1	0 43	18 54	1 4	8 47	2 50	2 52	0 34	3 13	2 6	33 34	11 26	12 33	13 7	8 37		n.a.
W 6	1 45	14 8	0n34	3 11	0 11	15 47	0 39	15 14	0 43	18 51	1 4	8 49	2 50	2 54	0 34	3 14	2 6	33 35	11 26	12 33	13 6	8 39		n.a.
T 7	2 9	16 38	1 38	4 12	0 22	15 30	0 43	15 27	0 44	18 48	1 4	8 50	2 50	2 55	0 34	3 15	2 6	33 35	11 27	12 34	13 4	8 41		n.a.
F 8	2 32	18 26	2 38	5 14	0 33	15 12	0 47	15 39	0 44	18 45	1 4	8 52	2 50	2 57	0 34	3 15	2 6	33 35	11 27	12 34	13 3	8 42		n.a.
S 9	2 55	19 26	3 32	6 14	0 43	14 54	0 51	15 52	0 45	18 42	1 5	8 53	2 50	2 58	0 34	3 16	2 6	33 35	11 27	12 35	13 2	8 44		n.a.
S 10	3 18	19 31	4 17	7 14	0 53	14 36	0 55	16 5	0 45	18 39	1 5	8 55	2 49	2 59	0 34	3 17	2 6	33 35	11 28	12 35	13 1	8 46		n.a.
M11	3 41	18 37	4 51	8 13	1 3	14 17	0 58	16 17	0 45	18 36	1 5	8 56	2 49	3 1	0 34	3 17	2 6	33 36	11 28	12 36	13 0	8 48		n.a.
T 12	4 4	16 44	5 11	9 10	1 13	13 58	1 2	16 30	0 46	18 33	1 5	8 58	2 49	3 2	0 34	3 18	2 6	33 36	11 28	12 35	12 59	8 49		n.a.
W13	4 27	13 53	5 15	10 5	1 22	13 39	1 6	16 42	0 46	18 31	1 6	8 59	2 49	3 4	0 34	3 18	2 6	33 36	11 29	12 35	12 58	8 51		n.a.
T 14	4 50	10 10	5 1	10 59	1 30	13 19	1 9	16 54	0 47	18 28	1 6	9 0	2 49	3 5	0 34	3 19	2 6	33 36	11 29	12 34	12 57	8 53		n.a.
F 15	5 13	5 45	4 27	11 51	1 38	12 58	1 12	17 6	0 47	18 25	1 6	9 2	2 49	3 6	0 34	3 20	2 6	33 37	11 29	12 33	12 56	8 55		n.a.
S 16	5 35	0 52	3 35	12 40	1 46	12 37	1 15	17 18	0 47	18 22	1 6	9 3	2 49	3 8	0 34	3 20	2 6	33 37	11 30	12 32	12 55	8 57		n.a.
S 17	5 58	4n 9	2 28	13 28	1 53	12 16	1 18	17 30	0 48	18 20	1 6	9 4	2 49	3 9	0 34	3 21	2 5	33 37	11 30	12 32	12 54	8 58		n.a.
M18	6 20	8 58	1 9	14 14	1 59	11 55	1 21	17 42	0 48	18 17	1 7	9 5	2 48	3 10	0 34	3 22	2 5	33 37	11 30	12 31	12 52	9 0		n.a.
T 19	6 43	13 12	0s14	14 57	2 4	11 33	1 24	17 53	0 48	18 14	1 7	9 7	2 48	3 12	0 34	3 22	2 5	33 38	11 31	12 31	12 51	9 2		n.a.
W20	7 5	16 30	1 36	15 38	2 9	11 10	1 27	18 5	0 49	18 12	1 7	9 8	2 48	3 13	0 34	3 23	2 5	33 38	11 31	12 31	12 50	9 4		n.a.
T 21	7 27	18 39	2 49	16 17	2 13	10 48	1 30	18 16	0 49	18 9	1 7	9 9	2 48	3 15	0 34	3 23	2 5	33 38	11 31	12 32	12 49	9 5		n.a.
F 22	7 49	19 32	3 50	16 54	2 17	10 25	1 32	18 27	0 50	18 7	1 8	9 10	2 48	3 16	0 34	3 24	2 5	33 39	11 32	12 32	12 48	9 7		n.a.
S 23	8 11	19 12	4 36	17 28	2 19	10 2	1 34	18 38	0 50	18 4	1 8	9 11	2 48	3 17	0 34	3 24	2 5	33 39	11 32	12 32	12 47	9 9		n.a.
S 24	8 33	17 47	5 5	18 0	2 21	9 38	1 37	18 49	0 50	18 2	1 8	9 12	2 48	3 19	0 34	3 25	2 5	33 39	11 32	12 32	12 46	9 11		n.a.
M25	8 55	15 29	5 17	18 29	2 22	9 14	1 39	19 0	0 51	17 59	1 9	9 13	2 47	3 20	0 34	3 26	2 5	33 40	11 33	12 32	12 45	9 12		n.a.
T 26	9 16	12 29	5 13	18 57	2 23	8 50	1 41	19 11	0 51	17 57	1 9	9 14	2 47	3 21	0 34	3 26	2 5	33 40	11 33	12 32	12 44	9 14		n.a.
W27	9 38	9 0	4 55	19 22	2 22	8 25	1 43	19 21	0 51	17 54	1 9	9 15	2 47	3 23	0 34	3 27	2 5	33 40	11 33	12 32	12 43	9 16		n.a.
T 28	9 59	5 12	4 23	19 45	2 21	8 1	1 45	19 31	0 52	17 52	1 9	9 16	2 47	3 24	0 34	3 27	2 5	33 40	11 34	12 32	12 41	9 18		n.a.
F 29	10 20	1 14	3 41	20 5	2 19	7 36	1 47	19 42	0 52	17 50	1 10	9 17	2 47	3 25	0 34	3 28	2 5	33 41	11 34	12 31	12 40	9 19		n.a.
S 30	10n41	2s44	2s49	20n24	2n16	7s11	1s48	19n52	0n52	17s47	1s10	9n18	2n46	3n27	0s34	3n28	2n 5	33s41	11s34	12s31	12s39	9s21		n.a.

Julian Day Number = 1294170.5, Delta T = 07h56m24s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'18, Lahiri = -20°06'17 Julian Calendar 1 Apr. 1170 BCE == Greg. Calendar 21 March 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

MAY 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 8	28♈16'20	12♎14	21♉53	17♓22	24♉23	14♒53	13°R 4	9♈55	26°R 7	20♑21	2°R26	2♏47	21♎16	n.a.	S 1
M 2	13 54 5	29°13'30	24° 1	23° 3	18°31	25° 2	15° 2	13♍ 1	9°58	26♍ 5	20°R21	2♏26	2°43	21°23	n.a.	M 2
T 3	13 58 1	0♉10'40	5♏50	24°10	19°39	25°40	15°10	12°59	10° 2	26° 4	20°21	2°D26	2°40	21°30	n.a.	T 3
W 4	14 1 58	1° 7'49	17°42	25°13	20°47	26°18	15°18	12°57	10° 5	26° 3	20°21	2°26	2°37	21°36	n.a.	W 4
T 5	14 5 55	2° 4'58	29°39	26°13	21°55	26°56	15°26	12°55	10° 8	26° 2	20°21	2°R26	2°34	21°43	n.a.	T 5
F 6	14 9 51	3° 2'06	11♐44	27°10	23° 4	27°34	15°34	12°52	10°12	26° 0	20°21	2°26	2°31	21°50	n.a.	F 6
S 7	14 13 48	3°59'14	23°59	28° 2	24°13	28°12	15°42	12°50	10°15	25°59	20°21	2°26	2°27	21°56	n.a.	S 7
S 8	14 17 44	4°56'21	6♑28	28°52	25°21	28°50	15°49	12°48	10°18	25°58	20°21	2°26	2°24	22° 3	n.a.	S 8
M 9	14 21 41	5°53'28	19°13	29°37	26°30	29°28	15°56	12°47	10°21	25°57	20°20	2°25	2°21	22°10	n.a.	M 9
T 10	14 25 37	6°50'35	2♒17	0♊19	27°39	0♊ 7	16° 4	12°45	10°24	25°56	20°20	2°D25	2°18	22°16	n.a.	T 10
W11	14 29 34	7°47'42	15°44	0°56	28°48	0°45	16°11	12°43	10°28	25°55	20°20	2°25	2°15	22°23	n.a.	W11
T 12	14 33 30	8°44'48	29°33	1°30	29°57	1°23	16°18	12°42	10°31	25°53	20°20	2°26	2°12	22°30	n.a.	T 12
F 13	14 37 27	9°41'55	13♓47	1°59	1♈ 6	2° 1	16°24	12°40	10°34	25°52	20°20	2°26	2° 8	22°36	n.a.	F 13
S 14	14 41 24	10°39'01	28°21	2°24	2°15	2°39	16°31	12°39	10°37	25°51	20°19	2°27	2° 5	22°43	n.a.	S 14
S 15	14 45 20	11°36'08	13♈14	2°45	3°25	3°17	16°38	12°37	10°40	25°50	20°19	2°27	2° 2	22°50	n.a.	S 15
M16	14 49 17	12°33'14	28°17	3° 1	4°34	3°55	16°44	12°36	10°43	25°49	20°19	2°R28	1°59	22°56	n.a.	M16
T 17	14 53 13	13°30'20	13♉23	3°13	5°43	4°33	16°50	12°35	10°46	25°48	20°18	2°28	1°56	23° 3	n.a.	T 17
W18	14 57 10	14°27'26	28°23	3°20	6°53	5°11	16°56	12°34	10°49	25°47	20°18	2°27	1°53	23° 9	n.a.	W18
T 19	15 1 6	15°24'32	13♊ 9	3°R22	8° 3	5°49	17° 2	12°33	10°52	25°46	20°18	2°26	1°49	23°16	n.a.	T 19
F 20	15 5 3	16°21'37	27°33	3°20	9°12	6°27	17° 8	12°32	10°55	25°46	20°17	2°24	1°46	23°23	n.a.	F 20
S 21	15 9 0	17°18'43	11♋32	3°14	10°22	7° 5	17°13	12°32	10°58	25°45	20°17	2°22	1°43	23°29	n.a.	S 21
S 22	15 12 56	18°15'47	25° 5	3° 3	11°32	7°44	17°18	12°31	11° 1	25°44	20°16	2°21	1°40	23°36	n.a.	S 22
M23	15 16 53	19°12'52	8♌11	2°47	12°42	8°22	17°24	12°30	11° 4	25°43	20°16	2°20	1°37	23°43	n.a.	M23
T 24	15 20 49	20° 9'56	20°53	2°28	13°52	9° 0	17°29	12°30	11° 7	25°42	20°15	2°D19	1°33	23°49	n.a.	T 24
W25	15 24 46	21° 7'00	3♍16	2° 5	15° 2	9°38	17°34	12°30	11°10	25°42	20°15	2°20	1°30	23°56	n.a.	W25
T 26	15 28 42	22° 4'04	15°23	1°38	16°12	10°16	17°38	12°29	11°13	25°41	20°14	2°21	1°27	24° 3	n.a.	T 26
F 27	15 32 39	23° 1'08	27°20	1° 8	17°22	10°54	17°43	12°29	11°16	25°40	20°14	2°22	1°24	24° 9	n.a.	F 27
S 28	15 36 35	23°58'11	9♎10	0°35	18°32	11°32	17°47	12°D29	11°18	25°39	20°13	2°24	1°21	24°16	n.a.	S 28
S 29	15 40 32	24°55'15	20°57	0° 0	19°42	12°10	17°51	12°29	11°21	25°39	20°12	2°25	1°18	24°23	n.a.	S 29
M30	15 44 29	25°52'18	2♏45	29♉24	20°53	12°48	17°55	12°29	11°24	25°38	20°12	2°R26	1°14	24°29	n.a.	M30
T 31	15 48 25	26♉49'22	14♏38	28♉47	22♈ 3	13♊26	17♒59	12♍30	11♈26	25♍38	20♑11	2♏25	1♏11	24♎36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11n 2	6s35	1s50	20n40	2n13	6s45	1s50	20n 2	0n53	17s45	1s10	9n19	2n46	3n28	0s34	3n29	2n 5	33s41	11s35	12s31	12s38	9s23		n.a.	S 1
M 2	11 23	10 11	0 47	20 55	2 9	6 19	1 52	20 12	0 53	17 43	1 10	9 19	2 46	3 29	0 34	3 29	2 5	33 42	11 35	12 31	12 37	9 25		n.a.	M 2
T 3	11 43	13 23	0n19	21 7	2 4	5 53	1 53	20 21	0 53	17 40	1 11	9 20	2 46	3 31	0 34	3 30	2 5	33 42	11 35	12 31	12 36	9 26		n.a.	T 3
W 4	12 3	16 3	1 24	21 17	1 58	5 27	1 54	20 31	0 54	17 38	1 11	9 21	2 46	3 32	0 34	3 30	2 5	33 42	11 36	12 31	12 35	9 28		n.a.	W 4
T 5	12 24	18 2	2 26	21 25	1 51	5 1	1 55	20 40	0 54	17 36	1 11	9 22	2 45	3 33	0 34	3 31	2 5	33 43	11 36	12 31	12 34	9 30		n.a.	T 5
F 6	12 43	19 14	3 22	21 32	1 44	4 34	1 56	20 49	0 54	17 34	1 12	9 22	2 45	3 35	0 34	3 31	2 5	33 43	11 36	12 31	12 33	9 32		n.a.	F 6
S 7	13 3	19 33	4 9	21 36	1 36	4 8	1 57	20 58	0 55	17 32	1 12	9 23	2 45	3 36	0 34	3 31	2 5	33 43	11 37	12 31	12 31	9 33		n.a.	S 7
S 8	13 23	18 55	4 46	21 39	1 27	3 41	1 58	21 7	0 55	17 30	1 12	9 23	2 45	3 37	0 34	3 32	2 5	33 44	11 37	12 31	12 30	9 35		n.a.	S 8
M 9	13 42	17 19	5 9	21 40	1 17	3 14	1 59	21 16	0 55	17 28	1 12	9 24	2 45	3 39	0 34	3 32	2 5	33 44	11 37	12 31	12 29	9 37		n.a.	M 9
T 10	14 1	14 49	5 18	21 39	1 7	2 47	2 0	21 25	0 56	17 26	1 13	9 24	2 44	3 40	0 34	3 33	2 5	33 44	11 38	12 31	12 28	9 38		n.a.	T 10
W11	14 20	11 28	5 9	21 36	0 56	2 19	2 0	21 33	0 56	17 24	1 13	9 25	2 44	3 41	0 34	3 33	2 5	33 45	11 38	12 31	12 27	9 40		n.a.	W11
T 12	14 39	7 24	4 43	21 31	0 44	1 52	2 1	21 41	0 56	17 22	1 13	9 25	2 44	3 42	0 34	3 34	2 5	33 45	11 38	12 31	12 26	9 42		n.a.	T 12
F 13	14 57	2 49	3 59	21 25	0 32	1 24	2 1	21 50	0 56	17 21	1 14	9 26	2 44	3 44	0 34	3 34	2 5	33 46	11 39	12 31	12 25	9 44		n.a.	F 13
S 14	15 16	2n 3	2 58	21 17	0 19	0 57	2 2	21 58	0 57	17 19	1 14	9 26	2 43	3 45	0 34	3 34	2 5	33 46	11 39	12 31	12 24	9 45		n.a.	S 14
S 15	15 34	6 55	1 45	21 8	0 5	0 29	2 2	22 5	0 57	17 17	1 14	9 26	2 43	3 46	0 34	3 35	2 5	33 46	11 39	12 31	12 23	9 47		n.a.	S 15
M16	15 51	11 24	0 23	20 58	0s 9	0 1	2 2	22 13	0 57	17 16	1 14	9 26	2 43	3 47	0 34	3 35	2 4	33 47	11 40	12 32	12 21	9 49		n.a.	M16
T 17	16 9	15 9	1s 0	20 45	0 24	0n27	2 2	22 20	0 58	17 14	1 15	9 27	2 43	3 48	0 34	3 35	2 4	33 47	11 40	12 31	12 20	9 50		n.a.	T 17
W18	16 26	17 52	2 19	20 32	0 39	0 55	2 2	22 28	0 58	17 12	1 15	9 27	2 43	3 50	0 34	3 36	2 4	33 47	11 40	12 31	12 19	9 52		n.a.	W18
T 19	16 43	19 20	3 27	20 17	0 54	1 23	2 2	22 35	0 58	17 11	1 15	9 27	2 42	3 51	0 34	3 36	2 4	33 48	11 41	12 31	12 18	9 54		n.a.	T 19
F 20	17 0	19 28	4 20	20 1	1 10	1 51	2 1	22 42	0 58	17 9	1 16	9 27	2 42	3 52	0 34	3 36	2 4	33 48	11 41	12 30	12 17	9 55		n.a.	F 20
S 21	17 17	18 24	4 56	19 44	1 26	2 19	2 1	22 49	0 59	17 8	1 16	9 27	2 42	3 53	0 34	3 37	2 4	33 49	11 41	12 30	12 16	9 57		n.a.	S 21
S 22	17 33	16 19	5 14	19 26	1 42	2 47	2 1	22 56	0 59	17 7	1 16	9 27	2 42	3 54	0 34	3 37	2 4	33 49	11 41	12 29	12 15	9 59		n.a.	S 22
M23	17 49	13 27	5 15	19 8	1 58	3 15	2 0	23 2	0 59	17 5	1 17	9 27	2 41	3 56	0 34	3 37	2 4	33 49	11 42	12 29	12 14	10 0		n.a.	M23
T 24	18 5	10 2	5 0	18 48	2 14	3 43	2 0	23 8	0 59	17 4	1 17	9 27	2 41	3 57	0 34	3 38	2 4	33 50	11 42	12 29	12 12	10 2		n.a.	T 24
W25	18 20	6 15	4 32	18 28	2 30	4 11	1 59	23 15	1 0	17 3	1 17	9 27	2 41	3 58	0 34	3 38	2 4	33 50	11 42	12 29	12 11	10 4		n.a.	W25
T 26	18 35	2 18	3 52	18 8	2 45	4 39	1 58	23 20	1 0	17 2	1 18	9 27	2 41	3 59	0 34	3 38	2 4	33 50	11 43	12 29	12 10	10 6		n.a.	T 26
F 27	18 50	1s42	3 2	17 47	3 0	5 7	1 57	23 26	1 0	17 1	1 18	9 27	2 40	4 0	0 34	3 38	2 4	33 51	11 43	12 30	12 9	10 7		n.a.	F 27
S 28	19 4	5 36	2 5	17 27	3 14	5 35	1 57	23 32	1 0	17 0	1 18	9 27	2 40	4 1	0 34	3 39	2 4	33 51	11 43	12 30	12 8	10 9		n.a.	S 28
S 29	19 19	9 17	1 3	17 7	3 27	6 3	1 56	23 37	1 1	16 59	1 19	9 26	2 40	4 2	0 34	3 39	2 4	33 52	11 44	12 31	12 7	10 11		n.a.	S 29
M30	19 32	12 36	0n 2	16 47	3 39	6 31	1 54	23 43	1 1	16 58	1 19	9 26	2 40	4 3	0 34	3 39	2 4	33 52	11 44	12 31	12 6	10 12		n.a.	M30
T 31	19n46	15s26	1n 7	16n29	3s50	6n59	1s53	23n48	1n 1	16s57	1s19	9n26	2n39	4n 4	0s34	3n39	2n 4	33s52	11s44	12s31	12s 5	10s14		n.a.	T 31

Julian Day Number = 1294200.5, Delta T = 07h56m23s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'14, Lahiri = -20°06'13 Julian Calendar 1 May 1170 BCE == Greg. Calendar 20 Apr. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

JUNE 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 52 22	27♉46'26	26♏37	28°R 9	23♈14	14♊ 4	18♒ 3	12♍30	11♈29	25°R37	20°R10	2°R23	1♏ 8	24♎43	n.a.	W 1
T 2	15 56 18	28°43'31	8♐45	27♉31	24°24	14°42	18° 6	12°30	11°32	25♍36	20♑10	2♏20	1° 5	24°49	n.a.	T 2
F 3	16 0 15	29°40'36	21° 3	26°54	25°35	15°20	18° 9	12°31	11°34	25°36	20° 9	2°16	1° 2	24°56	n.a.	F 3
S 4	16 4 11	0♊37'41	3♑32	26°19	26°45	15°58	18°12	12°31	11°37	25°35	20° 8	2°12	0°59	25° 2	n.a.	S 4
S 5	16 8 8	1°34'47	16°14	25°46	27°56	16°36	18°15	12°32	11°39	25°35	20° 8	2° 7	0°55	25° 9	n.a.	S 5
M 6	16 12 4	2°31'53	29°10	25°16	29° 7	17°14	18°18	12°33	11°42	25°35	20° 7	2° 3	0°52	25°16	n.a.	M 6
T 7	16 16 1	3°29'01	12♒21	24°49	0♉18	17°52	18°20	12°34	11°44	25°34	20° 6	2° 0	0°49	25°22	n.a.	T 7
W 8	16 19 58	4°26'09	25°48	24°26	1°29	18°30	18°23	12°35	11°47	25°34	20° 5	1°59	0°46	25°29	n.a.	W 8
T 9	16 23 54	5°23'18	9♓32	24° 7	2°40	19° 8	18°25	12°36	11°49	25°34	20° 4	1°D59	0°43	25°36	n.a.	T 9
F 10	16 27 51	6°20'27	23°34	23°53	3°51	19°46	18°27	12°37	11°51	25°33	20° 3	1°59	0°39	25°42	n.a.	F 10
S 11	16 31 47	7°17'38	7♈53	23°44	5° 2	20°24	18°29	12°38	11°54	25°33	20° 3	2° 1	0°36	25°49	n.a.	S 11
S 12	16 35 44	8°14'49	22°26	23°D40	6°13	21° 2	18°30	12°40	11°56	25°33	20° 2	2° 2	0°33	25°56	n.a.	S 12
M13	16 39 40	9°12'02	7♉10	23°41	7°25	21°40	18°32	12°41	11°58	25°33	20° 1	2°R 2	0°30	26° 2	n.a.	M13
T 14	16 43 37	10° 9'15	22° 0	23°49	8°36	22°18	18°33	12°43	12° 0	25°32	20° 0	2° 1	0°27	26° 9	n.a.	T 14
W15	16 47 34	11° 6'30	6♊48	24° 1	9°47	22°57	18°34	12°45	12° 3	25°32	19°59	1°58	0°24	26°16	n.a.	W15
T 16	16 51 30	12° 3'45	21°26	24°20	10°59	23°35	18°35	12°46	12° 5	25°32	19°58	1°53	0°20	26°22	n.a.	T 16
F 17	16 55 27	13° 1'01	5♋48	24°45	12°10	24°13	18°35	12°48	12° 7	25°32	19°57	1°47	0°17	26°29	n.a.	F 17
S 18	16 59 23	13°58'18	19°48	25°15	13°22	24°51	18°35	12°50	12° 9	25°32	19°56	1°40	0°14	26°36	n.a.	S 18
S 19	17 3 20	14°55'35	3♌23	25°52	14°34	25°29	18°R36	12°52	12°11	25°D32	19°55	1°34	0°11	26°42	n.a.	S 19
M20	17 7 16	15°52'53	16°32	26°34	15°45	26° 7	18°36	12°54	12°13	25°32	19°54	1°29	0° 8	26°49	n.a.	M20
T 21	17 11 13	16°50'12	29°17	27°22	16°57	26°45	18°35	12°57	12°15	25°32	19°53	1°26	0° 5	26°55	n.a.	T 21
W22	17 15 9	17°47'31	11♍41	28°15	18° 9	27°23	18°35	12°59	12°17	25°32	19°52	1°24	0° 1	27° 2	n.a.	W22
T 23	17 19 6	18°44'51	23°48	29°15	19°21	28° 1	18°35	13° 1	12°18	25°32	19°51	1°D24	29♎58	27° 9	n.a.	T 23
F 24	17 23 3	19°42'12	5♎43	0♊19	20°32	28°39	18°34	13° 4	12°20	25°32	19°50	1°25	29°55	27°15	n.a.	F 24
S 25	17 26 59	20°39'34	17°33	1°30	21°44	29°17	18°33	13° 6	12°22	25°33	19°49	1°26	29°52	27°22	n.a.	S 25
S 26	17 30 56	21°36'56	29°20	2°45	22°56	29°56	18°32	13° 9	12°24	25°33	19°48	1°R27	29°49	27°29	n.a.	S 26
M27	17 34 52	22°34'20	11♏11	4° 6	24° 8	0♋34	18°30	13°12	12°25	25°33	19°47	1°26	29°45	27°35	n.a.	M27
T 28	17 38 49	23°31'44	23°10	5°31	25°21	1°12	18°29	13°15	12°27	25°33	19°45	1°24	29°42	27°42	n.a.	T 28
W29	17 42 45	24°29'10	5♐18	7° 1	26°33	1°50	18°27	13°18	12°28	25°34	19°44	1°19	29°39	27°49	n.a.	W29
T 30	17 46 42	25♊26'37	17♐39	8♊36	27♉45	2♋28	18♒25	13♍21	12♈30	25♍34	19♑43	1♏13	29♎36	27♎55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n59	17s37	2n 9	16n11	3s59	7n26	1s52	23n53	1n 1	16s56	1s20	9n25	2n39	4n 5	0s34	3n39	2n 4	33s53	11s44	12s30	12s 4	10s16		n.a.
T 2	20 12	19 3	3 7	15 55	4 8	7 54	1 51	23 57	1 2	16 55	1 20	9 25	2 39	4 6	0 34	3 39	2 4	33 53	11 45	12 29	12 2	10 17		n.a.
F 3	20 25	19 36	3 56	15 40	4 14	8 21	1 50	24 2	1 2	16 55	1 20	9 25	2 39	4 7	0 34	3 40	2 3	33 54	11 45	12 28	12 1	10 19		n.a.
S 4	20 37	19 12	4 35	15 26	4 20	8 48	1 48	24 6	1 2	16 54	1 21	9 24	2 38	4 8	0 34	3 40	2 3	33 54	11 45	12 26	12 0	10 21		n.a.
S 5	20 49	17 51	5 1	15 15	4 23	9 15	1 47	24 11	1 2	16 53	1 21	9 24	2 38	4 9	0 34	3 40	2 3	33 54	11 46	12 24	11 59	10 22		n.a.
M 6	21 0	15 34	5 13	15 6	4 26	9 42	1 45	24 15	1 3	16 53	1 21	9 23	2 38	4 10	0 34	3 40	2 3	33 55	11 46	12 23	11 58	10 24		n.a.
T 7	21 12	12 27	5 8	14 59	4 26	10 9	1 43	24 19	1 3	16 52	1 22	9 22	2 38	4 11	0 34	3 40	2 3	33 55	11 46	12 22	11 57	10 25		n.a.
W 8	21 23	8 38	4 47	14 54	4 25	10 36	1 42	24 22	1 3	16 52	1 22	9 22	2 37	4 12	0 34	3 40	2 3	33 56	11 46	12 21	11 56	10 27		n.a.
T 9	21 33	4 18	4 8	14 52	4 23	11 2	1 40	24 26	1 3	16 52	1 22	9 21	2 37	4 13	0 34	3 40	2 3	33 56	11 47	12 21	11 55	10 29		n.a.
F 10	21 43	0n23	3 15	14 52	4 19	11 28	1 38	24 29	1 3	16 51	1 23	9 20	2 37	4 14	0 34	3 40	2 3	33 56	11 47	12 22	11 53	10 30		n.a.
S 11	21 53	5 8	2 8	14 54	4 14	11 54	1 36	24 32	1 4	16 51	1 23	9 20	2 37	4 15	0 35	3 40	2 3	33 57	11 47	12 22	11 52	10 32		n.a.
S 12	22 2	9 41	0 52	15 0	4 8	12 20	1 35	24 35	1 4	16 51	1 23	9 19	2 36	4 16	0 35	3 40	2 3	33 57	11 47	12 22	11 51	10 34		n.a.
M13	22 12	13 41	0s28	15 7	4 0	12 45	1 33	24 38	1 4	16 51	1 24	9 18	2 36	4 17	0 35	3 40	2 3	33 58	11 48	12 23	11 50	10 35		n.a.
T 14	22 20	16 51	1 47	15 17	3 52	13 10	1 31	24 40	1 4	16 51	1 24	9 17	2 36	4 18	0 35	3 40	2 3	33 58	11 48	12 22	11 49	10 37		n.a.
W15	22 28	18 53	2 58	15 30	3 42	13 35	1 29	24 43	1 4	16 51	1 24	9 16	2 36	4 18	0 35	3 40	2 3	33 58	11 48	12 21	11 48	10 39		n.a.
T 16	22 36	19 37	3 56	15 44	3 32	14 0	1 26	24 45	1 5	16 51	1 25	9 15	2 35	4 19	0 35	3 40	2 3	33 59	11 48	12 19	11 47	10 40		n.a.
F 17	22 44	19 4	4 39	16 1	3 21	14 24	1 24	24 47	1 5	16 51	1 25	9 15	2 35	4 20	0 35	3 40	2 3	33 59	11 49	12 17	11 45	10 42		n.a.
S 18	22 51	17 21	5 3	16 20	3 9	14 48	1 22	24 49	1 5	16 51	1 25	9 14	2 35	4 21	0 35	3 40	2 3	33 59	11 49	12 15	11 44	10 43		n.a.
S 19	22 58	14 42	5 10	16 41	2 56	15 12	1 20	24 50	1 5	16 51	1 26	9 13	2 35	4 22	0 35	3 40	2 2	34 0	11 49	12 13	11 43	10 45		n.a.
M20	23 4	11 23	4 59	17 3	2 43	15 35	1 18	24 52	1 5	16 52	1 26	9 11	2 34	4 22	0 35	3 40	2 2	34 0	11 49	12 11	11 42	10 47		n.a.
T 21	23 10	7 38	4 34	17 28	2 30	15 58	1 15	24 53	1 5	16 52	1 26	9 10	2 34	4 23	0 35	3 40	2 2	34 1	11 49	12 10	11 41	10 48		n.a.
W22	23 16	3 39	3 57	17 53	2 16	16 21	1 13	24 54	1 6	16 53	1 27	9 9	2 34	4 24	0 35	3 40	2 2	34 1	11 50	12 9	11 40	10 50		n.a.
T 23	23 21	0s23	3 9	18 20	2 2	16 43	1 11	24 55	1 6	16 53	1 27	9 8	2 34	4 25	0 35	3 40	2 2	34 1	11 50	12 9	11 39	10 52		n.a.
F 24	23 25	4 22	2 15	18 47	1 48	17 5	1 8	24 55	1 6	16 54	1 27	9 7	2 33	4 25	0 35	3 40	2 2	34 2	11 50	12 9	11 38	10 53		n.a.
S 25	23 30	8 8	1 15	19 16	1 34	17 27	1 6	24 56	1 6	16 54	1 28	9 6	2 33	4 26	0 35	3 40	2 2	34 2	11 50	12 10	11 36	10 55		n.a.
S 26	23 34	11 36	0 11	19 45	1 20	17 48	1 3	24 56	1 6	16 55	1 28	9 4	2 33	4 27	0 35	3 39	2 2	34 2	11 50	12 10	11 35	10 56		n.a.
M27	23 37	14 36	0n52	20 14	1 6	18 8	1 1	24 56	1 6	16 56	1 28	9 3	2 33	4 27	0 35	3 39	2 2	34 3	11 51	12 10	11 34	10 58		n.a.
T 28	23 40	17 1	1 54	20 44	0 51	18 28	0 58	24 56	1 7	16 56	1 29	9 2	2 33	4 28	0 35	3 39	2 2	34 3	11 51	12 9	11 33	11 0		n.a.
W29	23 43	18 43	2 52	21 13	0 38	18 48	0 55	24 56	1 7	16 57	1 29	9 0	2 32	4 28	0 35	3 39	2 2	34 4	11 51	12 7	11 32	11 1		n.a.
T 30	23n45	19s34	3n42	21n42	0s24	19n 7	0s53	24n55	1n 7	16s58	1s29	8n59	2n32	4n29	0s35	3n39	2n 2	34s 4	11s51	12s 5	11s31	11s 3		n.a.

Julian Day Number = 1294231.5, Delta T = 07h56m21s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'09, Lahiri = -20°06'09 Julian Calendar 1 June 1170 BCE == Greg. Calendar 21 May 1170 BCE

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

JULY 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 50 38	26♊24'04	0♑13	10♊14	28♉57	3♋ 6	18°R23	13♍24	12♈31	25♍34	19°R42	1°R 4	29♎33	28♎ 2	n.a.	F 1
S 2	17 54 35	27°21'34	13° 1	11°57	0♊10	3°44	18♒20	13°27	12°33	25°35	19♑41	0♏54	29°30	28° 9	n.a.	S 2
S 3	17 58 32	28°19'04	26° 3	13°43	1°22	4°23	18°18	13°30	12°34	25°35	19°40	0°45	29°26	28°15	n.a.	S 3
M 4	18 2 28	29°16'36	9♒18	15°32	2°34	5° 1	18°15	13°34	12°36	25°36	19°38	0°36	29°23	28°22	n.a.	M 4
T 5	18 6 25	0♋14'10	22°45	17°25	3°47	5°39	18°12	13°37	12°37	25°36	19°37	0°29	29°20	28°28	n.a.	T 5
W 6	18 10 21	1°11'45	6♓22	19°19	4°59	6°17	18° 9	13°41	12°38	25°37	19°36	0°24	29°17	28°35	n.a.	W 6
T 7	18 14 18	2° 9'22	20°10	21°16	6°12	6°55	18° 6	13°44	12°39	25°37	19°35	0°21	29°14	28°42	n.a.	T 7
F 8	18 18 14	3° 7'00	4♈ 8	23°14	7°25	7°33	18° 2	13°48	12°41	25°38	19°34	0°D21	29°11	28°48	n.a.	F 8
S 9	18 22 11	4° 4'41	18°15	25°14	8°37	8°12	17°59	13°52	12°42	25°39	19°32	0°21	29° 7	28°55	n.a.	S 9
S 10	18 26 7	5° 2'23	2♉31	27°14	9°50	8°50	17°55	13°55	12°43	25°39	19°31	0°R21	29° 4	29° 2	n.a.	S 10
M11	18 30 4	6° 0'07	16°53	29°15	11° 3	9°28	17°51	13°59	12°44	25°40	19°30	0°20	29° 1	29° 8	n.a.	M11
T 12	18 34 1	6°57'53	1♊19	1♋17	12°16	10° 6	17°47	14° 3	12°45	25°41	19°29	0°17	28°58	29°15	n.a.	T 12
W13	18 37 57	7°55'40	15°44	3°18	13°29	10°45	17°42	14° 7	12°46	25°42	19°27	0°11	28°55	29°22	n.a.	W13
T 14	18 41 54	8°53'30	0♋ 3	5°19	14°42	11°23	17°38	14°12	12°47	25°42	19°26	0° 3	28°51	29°28	n.a.	T 14
F 15	18 45 50	9°51'21	14°10	7°20	15°55	12° 1	17°33	14°16	12°47	25°43	19°25	29♎53	28°48	29°35	n.a.	F 15
S 16	18 49 47	10°49'13	28° 0	9°20	17° 8	12°40	17°28	14°20	12°48	25°44	19°24	29°41	28°45	29°42	n.a.	S 16
S 17	18 53 43	11°47'08	11♌28	11°20	18°21	13°18	17°23	14°25	12°49	25°45	19°22	29°30	28°42	29°48	n.a.	S 17
M18	18 57 40	12°45'03	24°34	13°18	19°35	13°56	17°18	14°29	12°49	25°46	19°21	29°21	28°39	29°55	n.a.	M18
T 19	19 1 37	13°43'00	7♍18	15°16	20°48	14°35	17°13	14°34	12°50	25°47	19°20	29°14	28°36	0♏ 2	n.a.	T 19
W20	19 5 33	14°40'59	19°42	17°13	22° 1	15°13	17° 7	14°38	12°51	25°48	19°18	29° 9	28°32	0° 8	n.a.	W20
T 21	19 9 30	15°38'59	1♎49	19° 8	23°14	15°51	17° 1	14°43	12°51	25°49	19°17	29° 6	28°29	0°15	n.a.	T 21
F 22	19 13 26	16°37'01	13°45	21° 2	24°28	16°30	16°56	14°47	12°52	25°50	19°16	29°D 5	28°26	0°21	n.a.	F 22
S 23	19 17 23	17°35'04	25°34	22°55	25°41	17° 8	16°50	14°52	12°52	25°51	19°15	29°R 6	28°23	0°28	n.a.	S 23
S 24	19 21 19	18°33'09	7♏23	24°47	26°55	17°46	16°43	14°57	12°52	25°52	19°13	29° 5	28°20	0°35	n.a.	S 24
M25	19 25 16	19°31'15	19°16	26°38	28° 8	18°25	16°37	15° 2	12°53	25°53	19°12	29° 4	28°16	0°41	n.a.	M25
T 26	19 29 12	20°29'23	1♐18	28°27	29°22	19° 3	16°31	15° 7	12°53	25°54	19°11	29° 0	28°13	0°48	n.a.	T 26
W27	19 33 9	21°27'33	13°34	0♌16	0♋36	19°42	16°24	15°12	12°53	25°55	19° 9	28°54	28°10	0°55	n.a.	W27
T 28	19 37 5	22°25'44	26° 6	2° 3	1°49	20°20	16°18	15°17	12°53	25°57	19° 8	28°45	28° 7	1° 1	n.a.	T 28
F 29	19 41 2	23°23'58	8♑56	3°48	3° 3	20°59	16°11	15°22	12°54	25°58	19° 7	28°34	28° 4	1° 8	n.a.	F 29
S 30	19 44 59	24°22'13	22° 5	5°33	4°17	21°37	16° 4	15°28	12°54	25°59	19° 6	28°22	28° 1	1°15	n.a.	S 30
S 31	19 48 55	25♋20'30	5♒30	7♌16	5♋31	22♋15	15♒57	15♍33	12°R54	26♍ 0	19♑ 4	28♎ 9	27♎57	1♏21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	19s27	4n23	22n10	0s11	19n26	0s50	24n55	1n 7	16s59	1s30	8n58	2n32	4n30	0s35	3n39	2n 2	34s 4	11s51	12s 2	11s30	11s 4		n.a.
S 2	23 48	18 22	4 51	22 37	0n 1	19 44	0 48	24 54	1 7	17 0	1 30	8 56	2 32	4 30	0 35	3 38	2 2	34 5	11 52	11 59	11 28	11 6		n.a.
S 3	23 49	16 18	5 4	23 3	0 13	20 2	0 45	24 53	1 7	17 1	1 30	8 55	2 31	4 31	0 35	3 38	2 2	34 5	11 52	11 55	11 27	11 8		n.a.
M 4	23 50	13 23	5 2	23 27	0 25	20 20	0 42	24 51	1 7	17 3	1 31	8 53	2 31	4 31	0 35	3 38	2 1	34 5	11 52	11 52	11 26	11 9		n.a.
T 5	23 50	9 43	4 43	23 49	0 36	20 36	0 40	24 50	1 8	17 4	1 31	8 52	2 31	4 32	0 35	3 38	2 1	34 6	11 52	11 50	11 25	11 11		n.a.
W 6	23 50	5 30	4 7	24 9	0 46	20 52	0 37	24 48	1 8	17 5	1 31	8 50	2 31	4 32	0 35	3 37	2 1	34 6	11 52	11 48	11 24	11 12		n.a.
T 7	23 49	0 56	3 18	24 28	0 55	21 8	0 34	24 47	1 8	17 6	1 32	8 48	2 30	4 33	0 35	3 37	2 1	34 6	11 52	11 47	11 23	11 14		n.a.
F 8	23 48	3n44	2 15	24 43	1 4	21 23	0 31	24 45	1 8	17 8	1 32	8 47	2 30	4 33	0 35	3 37	2 1	34 7	11 52	11 47	11 22	11 15		n.a.
S 9	23 46	8 15	1 4	24 56	1 12	21 38	0 29	24 42	1 8	17 9	1 32	8 45	2 30	4 33	0 35	3 36	2 1	34 7	11 53	11 47	11 20	11 17		n.a.
S 10	23 44	12 22	0s12	25 7	1 19	21 52	0 26	24 40	1 8	17 11	1 33	8 43	2 30	4 34	0 35	3 36	2 1	34 7	11 53	11 47	11 19	11 19		n.a.
M11	23 42	15 46	1 27	25 15	1 25	22 5	0 23	24 37	1 8	17 12	1 33	8 42	2 30	4 34	0 35	3 36	2 1	34 8	11 53	11 47	11 18	11 20		n.a.
T 12	23 39	18 12	2 37	25 20	1 31	22 18	0 21	24 35	1 8	17 14	1 33	8 40	2 29	4 35	0 35	3 35	2 1	34 8	11 53	11 45	11 17	11 22		n.a.
W13	23 35	19 28	3 37	25 23	1 35	22 30	0 18	24 32	1 9	17 16	1 34	8 38	2 29	4 35	0 35	3 35	2 1	34 8	11 53	11 43	11 16	11 23		n.a.
T 14	23 32	19 27	4 23	25 22	1 39	22 41	0 15	24 28	1 9	17 17	1 34	8 36	2 29	4 35	0 35	3 35	2 1	34 9	11 53	11 40	11 15	11 25		n.a.
F 15	23 27	18 14	4 51	25 20	1 42	22 52	0 12	24 25	1 9	17 19	1 34	8 34	2 29	4 36	0 35	3 34	2 1	34 9	11 53	11 37	11 14	11 26		n.a.
S 16	23 23	15 58	5 2	25 14	1 45	23 2	0 10	24 22	1 9	17 21	1 35	8 32	2 29	4 36	0 35	3 34	2 1	34 9	11 53	11 33	11 12	11 28		n.a.
S 17	23 18	12 53	4 56	25 6	1 46	23 12	0 7	24 18	1 9	17 23	1 35	8 31	2 28	4 36	0 35	3 33	2 1	34 9	11 53	11 29	11 11	11 30		n.a.
M18	23 13	9 15	4 34	24 56	1 47	23 21	0 4	24 14	1 9	17 25	1 35	8 29	2 28	4 36	0 35	3 33	2 1	34 10	11 54	11 25	11 10	11 31		n.a.
T 19	23 7	5 17	3 59	24 44	1 48	23 29	0 2	24 10	1 9	17 27	1 35	8 27	2 28	4 37	0 35	3 33	2 1	34 10	11 54	11 23	11 9	11 33		n.a.
W20	23 0	1 11	3 13	24 29	1 48	23 36	0n 1	24 6	1 9	17 28	1 36	8 25	2 28	4 37	0 35	3 32	2 0	34 10	11 54	11 21	11 8	11 34		n.a.
T 21	22 54	2s52	2 20	24 12	1 47	23 43	0 4	24 1	1 9	17 30	1 36	8 23	2 28	4 37	0 35	3 32	2 0	34 11	11 54	11 20	11 7	11 36		n.a.
F 22	22 47	6 45	1 21	23 53	1 46	23 49	0 6	23 56	1 9	17 33	1 36	8 21	2 27	4 37	0 35	3 31	2 0	34 11	11 54	11 20	11 6	11 37		n.a.
S 23	22 39	10 20	0 19	23 33	1 44	23 55	0 9	23 52	1 9	17 35	1 36	8 19	2 27	4 37	0 35	3 31	2 0	34 11	11 54	11 20	11 4	11 39		n.a.
S 24	22 31	13 30	0n44	23 11	1 41	23 59	0 12	23 47	1 10	17 37	1 37	8 16	2 27	4 37	0 35	3 30	2 0	34 11	11 54	11 20	11 3	11 40		n.a.
M25	22 23	16 9	1 45	22 47	1 39	24 3	0 14	23 41	1 10	17 39	1 37	8 14	2 27	4 37	0 35	3 30	2 0	34 12	11 54	11 19	11 2	11 42		n.a.
T 26	22 14	18 7	2 42	22 22	1 35	24 7	0 17	23 36	1 10	17 41	1 37	8 12	2 27	4 38	0 36	3 29	2 0	34 12	11 54	11 18	11 1	11 43		n.a.
W27	22 5	19 17	3 32	21 55	1 32	24 9	0 19	23 31	1 10	17 43	1 37	8 10	2 27	4 38	0 36	3 29	2 0	34 12	11 54	11 16	11 0	11 45		n.a.
T 28	21 56	19 33	4 14	21 27	1 28	24 11	0 22	23 25	1 10	17 46	1 38	8 8	2 26	4 38	0 36	3 28	2 0	34 12	11 54	11 12	10 59	11 46		n.a.
F 29	21 46	18 49	4 43	20 58	1 23	24 12	0 24	23 19	1 10	17 48	1 38	8 6	2 26	4 38	0 36	3 28	2 0	34 13	11 54	11 8	10 57	11 48		n.a.
S 30	21 36	17 4	4 59	20 28	1 18	24 12	0 27	23 13	1 10	17 50	1 38	8 3	2 26	4 38	0 36	3 27	2 0	34 13	11 54	11 4	10 56	11 49		n.a.
S 31	21n25	14s23	4n58	19n56	1n13	24n12	0n29	23n 7	1n10	17s52	1s38	8n 1	2n26	4n38	0s36	3n26	2n 0	34s13	11s54	10s59	10s55	11s51		n.a.

Julian Day Number = 1294261.5, Delta T = 07h56m19s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'05, Lahiri = -20°06'05 Julian Calendar 1 July 1170 BCE == Greg. Calendar 20 June 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

AUGUST 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 52 52	26♋18'49	19♒ 9	8♌58	6♋45	22♋54	15°R50	15♍38	12°R54	26♍ 2	19°R 3	27°R58	27♎54	1♏28	n.a.	M 1
T 2	19 56 48	27°17'10	2♓59	10°39	7°58	23°33	15♒43	15°44	12♈53	26° 3	19♑ 2	27♎48	27°51	1°35	n.a.	T 2
W 3	20 0 45	28°15'33	16°57	12°19	9°12	24°11	15°36	15°49	12°53	26° 4	19° 0	27°42	27°48	1°41	n.a.	W 3
T 4	20 4 41	29°13'58	0♈59	13°58	10°27	24°50	15°28	15°55	12°53	26° 6	18°59	27°38	27°45	1°48	n.a.	T 4
F 5	20 8 38	0♌12'26	15° 4	15°35	11°41	25°28	15°21	16° 0	12°53	26° 7	18°58	27°36	27°42	1°55	n.a.	F 5
S 6	20 12 34	1°10'56	29°10	17°12	12°55	26° 7	15°13	16° 6	12°53	26° 9	18°57	27°36	27°38	2° 1	n.a.	S 6
S 7	20 16 31	2° 9'28	13♉17	18°47	14° 9	26°45	15° 6	16°12	12°52	26°10	18°55	27°36	27°35	2° 8	n.a.	S 7
M 8	20 20 28	3° 8'03	27°23	20°22	15°23	27°24	14°58	16°18	12°52	26°12	18°54	27°34	27°32	2°14	n.a.	M 8
T 9	20 24 24	4° 6'41	11♊27	21°55	16°37	28° 3	14°50	16°23	12°51	26°13	18°53	27°30	27°29	2°21	n.a.	T 9
W10	20 28 21	5° 5'20	25°27	23°27	17°52	28°41	14°43	16°29	12°51	26°15	18°52	27°24	27°26	2°28	n.a.	W10
T 11	20 32 17	6° 4'02	9♋20	24°58	19° 6	29°20	14°35	16°35	12°50	26°16	18°50	27°15	27°22	2°34	n.a.	T 11
F 12	20 36 14	7° 2'46	23° 3	26°28	20°20	29°59	14°27	16°41	12°50	26°18	18°49	27° 3	27°19	2°41	n.a.	F 12
S 13	20 40 10	8° 1'33	6♌33	27°57	21°35	0♌37	14°19	16°47	12°49	26°20	18°48	26°51	27°16	2°48	n.a.	S 13
S 14	20 44 7	9° 0'21	19°46	29°25	22°49	1°16	14°11	16°53	12°49	26°21	18°47	26°38	27°13	2°54	n.a.	S 14
M15	20 48 3	9°59'11	2♍41	0♍52	24° 4	1°55	14° 3	16°59	12°48	26°23	18°46	26°27	27°10	3° 1	n.a.	M15
T 16	20 52 0	10°58'04	15°17	2°18	25°18	2°34	13°55	17° 6	12°47	26°25	18°44	26°19	27° 7	3° 8	n.a.	T 16
W17	20 55 56	11°56'58	27°37	3°42	26°33	3°12	13°47	17°12	12°46	26°26	18°43	26°13	27° 3	3°14	n.a.	W17
T 18	20 59 53	12°55'55	9♎42	5° 6	27°47	3°51	13°39	17°18	12°45	26°28	18°42	26° 9	27° 0	3°21	n.a.	T 18
F 19	21 3 50	13°54'53	21°36	6°28	29° 2	4°30	13°31	17°24	12°44	26°30	18°41	26°D 8	26°57	3°28	n.a.	F 19
S 20	21 7 46	14°53'53	3♏25	7°49	0♌17	5° 9	13°23	17°31	12°43	26°32	18°40	26° 8	26°54	3°34	n.a.	S 20
S 21	21 11 43	15°52'55	15°13	9° 9	1°32	5°48	13°15	17°37	12°42	26°33	18°39	26°R 9	26°51	3°41	n.a.	S 21
M22	21 15 39	16°51'59	27° 6	10°27	2°46	6°27	13° 7	17°43	12°41	26°35	18°38	26° 8	26°48	3°47	n.a.	M22
T 23	21 19 36	17°51'06	9♐10	11°44	4° 1	7° 5	12°59	17°50	12°40	26°37	18°36	26° 6	26°44	3°54	n.a.	T 23
W24	21 23 32	18°50'14	21°29	13° 0	5°16	7°44	12°51	17°56	12°39	26°39	18°35	26° 1	26°41	4° 1	n.a.	W24
T 25	21 27 29	19°49'24	4♑ 7	14°14	6°31	8°23	12°43	18° 3	12°38	26°41	18°34	25°54	26°38	4° 7	n.a.	T 25
F 26	21 31 25	20°48'36	17° 7	15°27	7°46	9° 2	12°35	18° 9	12°37	26°43	18°33	25°45	26°35	4°14	n.a.	F 26
S 27	21 35 22	21°47'49	0♒29	16°37	9° 0	9°41	12°27	18°16	12°35	26°44	18°32	25°35	26°32	4°21	n.a.	S 27
S 28	21 39 19	22°47'06	14°14	17°46	10°15	10°20	12°19	18°22	12°34	26°46	18°31	25°24	26°28	4°27	n.a.	S 28
M29	21 43 15	23°46'24	28°16	18°53	11°30	10°59	12°12	18°29	12°33	26°48	18°30	25°14	26°25	4°34	n.a.	M29
T 30	21 47 12	24°45'44	12♓32	19°58	12°45	11°38	12° 4	18°36	12°31	26°50	18°29	25° 6	26°22	4°41	n.a.	T 30
W31	21 51 8	25♌45'06	26♓56	21♍ 1	14♌ 0	12♌17	11♒56	18♍43	12♈30	26♍52	18♑28	25♎ 1	26♎19	4♏47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n14	10s53	4n41	19n24	1n 8	24n11	0n32	23n 0	1n10	17s55	1s38	7n59	2n26	4n38	0s36	3n26	2n 0	34s13	11s54	10s55	10s54	11s53			n.a.
T 2	21 3	6 45	4 6	18 51	1 3	24 9	0 34	22 54	1 10	17 57	1 39	7 57	2 26	4 38	0 36	3 25	2 0	34 13	11 54	10 52	10 53	11 54			n.a.
W 3	20 51	2 13	3 17	18 17	0 57	24 7	0 36	22 47	1 10	18 0	1 39	7 54	2 25	4 37	0 36	3 25	2 0	34 14	11 54	10 49	10 52	11 56			n.a.
T 4	20 39	2n28	2 16	17 43	0 51	24 3	0 39	22 40	1 10	18 2	1 39	7 52	2 25	4 37	0 36	3 24	2 0	34 14	11 54	10 48	10 51	11 57			n.a.
F 5	20 26	7 2	1 6	17 8	0 44	23 59	0 41	22 33	1 10	18 4	1 39	7 50	2 25	4 37	0 36	3 23	2 0	34 14	11 54	10 47	10 49	11 59			n.a.
S 6	20 13	11 14	0s 8	16 32	0 38	23 54	0 43	22 25	1 10	18 7	1 39	7 47	2 25	4 37	0 36	3 23	2 0	34 14	11 54	10 47	10 48	12 0			n.a.
S 7	20 0	14 47	1 22	15 56	0 31	23 49	0 45	22 18	1 10	18 9	1 39	7 45	2 25	4 37	0 36	3 22	1 59	34 14	11 54	10 47	10 47	12 2			n.a.
M 8	19 47	17 27	2 31	15 19	0 24	23 43	0 47	22 10	1 10	18 12	1 40	7 42	2 25	4 37	0 36	3 21	1 59	34 14	11 54	10 47	10 46	12 3			n.a.
T 9	19 33	19 4	3 30	14 42	0 17	23 36	0 49	22 3	1 10	18 14	1 40	7 40	2 24	4 37	0 36	3 21	1 59	34 15	11 54	10 45	10 45	12 5			n.a.
W10	19 18	19 29	4 16	14 5	0 10	23 28	0 51	21 55	1 10	18 17	1 40	7 38	2 24	4 36	0 36	3 20	1 59	34 15	11 54	10 43	10 44	12 6			n.a.
T 11	19 4	18 44	4 47	13 27	0 3	23 19	0 53	21 46	1 11	18 19	1 40	7 35	2 24	4 36	0 36	3 19	1 59	34 15	11 54	10 39	10 42	12 8			n.a.
F 12	18 49	16 54	5 0	12 49	0s 5	23 10	0 55	21 38	1 11	18 22	1 40	7 33	2 24	4 36	0 36	3 19	1 59	34 15	11 54	10 35	10 41	12 9			n.a.
S 13	18 34	14 9	4 57	12 11	0 12	23 0	0 57	21 30	1 11	18 24	1 40	7 30	2 24	4 36	0 36	3 18	1 59	34 15	11 54	10 31	10 40	12 11			n.a.
S 14	18 18	10 45	4 37	11 33	0 20	22 50	0 59	21 21	1 11	18 27	1 40	7 28	2 24	4 35	0 36	3 17	1 59	34 15	11 54	10 26	10 39	12 12			n.a.
M15	18 2	6 54	4 4	10 55	0 28	22 39	1 1	21 12	1 11	18 29	1 41	7 25	2 24	4 35	0 36	3 17	1 59	34 15	11 54	10 22	10 38	12 13			n.a.
T 16	17 46	2 50	3 19	10 17	0 35	22 27	1 2	21 3	1 11	18 31	1 41	7 23	2 24	4 35	0 36	3 16	1 59	34 16	11 54	10 19	10 37	12 15			n.a.
W17	17 29	1s15	2 25	9 38	0 43	22 14	1 4	20 54	1 11	18 34	1 41	7 20	2 23	4 34	0 36	3 15	1 59	34 16	11 54	10 17	10 35	12 16			n.a.
T 18	17 12	5 13	1 26	9 0	0 51	22 1	1 6	20 45	1 11	18 36	1 41	7 17	2 23	4 34	0 36	3 14	1 59	34 16	11 54	10 16	10 34	12 18			n.a.
F 19	16 55	8 56	0 24	8 22	0 59	21 47	1 7	20 36	1 11	18 39	1 41	7 15	2 23	4 34	0 36	3 14	1 59	34 16	11 53	10 15	10 33	12 19			n.a.
S 20	16 38	12 15	0n39	7 45	1 7	21 32	1 9	20 26	1 11	18 41	1 41	7 12	2 23	4 33	0 36	3 13	1 59	34 16	11 53	10 15	10 32	12 21			n.a.
S 21	16 20	15 5	1 40	7 7	1 15	21 17	1 10	20 16	1 11	18 44	1 41	7 10	2 23	4 33	0 36	3 12	1 59	34 16	11 53	10 15	10 31	12 22			n.a.
M22	16 2	17 17	2 37	6 30	1 23	21 1	1 12	20 6	1 11	18 46	1 41	7 7	2 23	4 32	0 36	3 11	1 59	34 16	11 53	10 15	10 30	12 24			n.a.
T 23	15 44	18 45	3 28	5 53	1 30	20 45	1 13	19 56	1 11	18 48	1 41	7 4	2 23	4 32	0 36	3 11	1 59	34 16	11 53	10 14	10 28	12 25			n.a.
W24	15 25	19 23	4 11	5 17	1 38	20 28	1 14	19 46	1 11	18 51	1 41	7 2	2 23	4 31	0 36	3 10	1 59	34 16	11 53	10 13	10 27	12 27			n.a.
T 25	15 7	19 4	4 42	4 41	1 46	20 10	1 15	19 36	1 11	18 53	1 41	6 59	2 23	4 31	0 36	3 9	1 59	34 16	11 53	10 10	10 26	12 28			n.a.
F 26	14 48	17 45	5 0	4 5	1 53	19 52	1 16	19 26	1 11	18 55	1 41	6 56	2 23	4 30	0 36	3 8	1 59	34 16	11 53	10 7	10 25	12 30			n.a.
S 27	14 28	15 27	5 3	3 31	2 1	19 33	1 18	19 15	1 11	18 58	1 41	6 54	2 22	4 30	0 36	3 7	1 59	34 16	11 53	10 3	10 24	12 31			n.a.
S 28	14 9	12 14	4 48	2 57	2 8	19 13	1 19	19 4	1 11	19 0	1 41	6 51	2 22	4 29	0 36	3 7	1 59	34 16	11 52	9 59	10 23	12 32			n.a.
M29	13 49	8 17	4 15	2 24	2 16	18 53	1 20	18 53	1 11	19 2	1 41	6 48	2 22	4 29	0 36	3 6	1 59	34 16	11 52	9 55	10 21	12 34			n.a.
T 30	13 29	3 47	3 27	1 51	2 23	18 32	1 20	18 42	1 11	19 4	1 41	6 45	2 22	4 28	0 36	3 5	1 59	34 17	11 52	9 52	10 20	12 35			n.a.
W31	13n 9	0n58	2n24	1n20	2s29	18n11	1n21	18n31	1n11	19s 6	1s41	6n43	2n22	4n28	0s36	3n 4	1n58	34s17	11s52	9s50	10s19	12s37			n.a.

Julian Day Number = 1294292.5, Delta T = 07h56m18s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°13'01, Lahiri = -20°06'01 Julian Calendar 1 Aug. 1170 BCE == Greg. Calendar 21 July 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

SEPTEMBER 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 5	26♌44'31	11♈23	22♍ 1	15♌15	12♌56	11°R49	18♍49	12°R28	26♍54	18°R27	24°R58	26♎16	4♏54	n.a.	T 1
F 2	21 59 1	27°43'59	25°47	22°58	16°30	13°35	11♒41	18°56	12♈27	26°56	18♉26	24°D57	26°13	5° 1	n.a.	F 2
S 3	22 2 58	28°43'28	10♉ 5	23°52	17°46	14°14	11°34	19° 3	12°25	26°58	18°25	24♎58	26° 9	5° 7	n.a.	S 3
S 4	22 6 54	29°43'01	24°14	24°44	19° 1	14°53	11°27	19°10	12°23	27° 0	18°24	24°R59	26° 6	5°14	n.a.	S 4
M 5	22 10 51	0♍42'35	8♊15	25°31	20°16	15°33	11°20	19°16	12°22	27° 2	18°23	24°58	26° 3	5°21	n.a.	M 5
T 6	22 14 47	1°42'13	22° 6	26°15	21°31	16°12	11°13	19°23	12°20	27° 4	18°23	24°56	26° 0	5°27	n.a.	T 6
W 7	22 18 44	2°41'53	5♋46	26°54	22°46	16°51	11° 6	19°30	12°18	27° 7	18°22	24°52	25°57	5°34	n.a.	W 7
T 8	22 22 41	3°41'35	19°16	27°29	24° 2	17°30	10°59	19°37	12°17	27° 9	18°21	24°46	25°54	5°40	n.a.	T 8
F 9	22 26 37	4°41'19	2♌34	27°59	25°17	18° 9	10°52	19°44	12°15	27°11	18°20	24°38	25°50	5°47	n.a.	F 9
S 10	22 30 34	5°41'06	15°39	28°22	26°32	18°49	10°45	19°51	12°13	27°13	18°19	24°29	25°47	5°54	n.a.	S 10
S 11	22 34 30	6°40'55	28°31	28°40	27°47	19°28	10°39	19°58	12°11	27°15	18°18	24°20	25°44	6° 0	n.a.	S 11
M12	22 38 27	7°40'46	11♍ 9	28°51	29° 3	20° 7	10°33	20° 5	12° 9	27°17	18°18	24°12	25°41	6° 7	n.a.	M12
T 13	22 42 23	8°40'39	23°33	28°R55	0♍18	20°47	10°26	20°12	12° 7	27°19	18°17	24° 6	25°38	6°14	n.a.	T 13
W14	22 46 20	9°40'34	5♎44	28°51	1°33	21°26	10°20	20°19	12° 5	27°21	18°16	24° 2	25°34	6°20	n.a.	W14
T 15	22 50 16	10°40'31	17°44	28°39	2°49	22° 5	10°14	20°26	12° 3	27°24	18°15	24° 0	25°31	6°27	n.a.	T 15
F 16	22 54 13	11°40'30	29°36	28°18	4° 4	22°45	10° 9	20°33	12° 1	27°26	18°15	24°D 0	25°28	6°34	n.a.	F 16
S 17	22 58 9	12°40'31	11♏23	27°48	5°20	23°24	10° 3	20°40	11°59	27°28	18°14	24° 1	25°25	6°40	n.a.	S 17
S 18	23 2 6	13°40'34	23°11	27° 9	6°35	24° 4	9°58	20°47	11°57	27°30	18°14	24° 3	25°22	6°47	n.a.	S 18
M19	23 6 3	14°40'38	5♐ 2	26°21	7°50	24°43	9°52	20°54	11°55	27°32	18°13	24° 4	25°19	6°54	n.a.	M19
T 20	23 9 59	15°40'45	17° 4	25°24	9° 6	25°23	9°47	21° 1	11°53	27°35	18°12	24°R 5	25°15	7° 0	n.a.	T 20
W21	23 13 56	16°40'53	29°21	24°20	10°21	26° 2	9°42	21° 8	11°50	27°37	18°12	24° 4	25°12	7° 7	n.a.	W21
T 22	23 17 52	17°41'03	11♑57	23°10	11°37	26°42	9°37	21°15	11°48	27°39	18°11	24° 1	25° 9	7°14	n.a.	T 22
F 23	23 21 49	18°41'14	24°57	21°55	12°52	27°21	9°33	21°23	11°46	27°41	18°11	23°57	25° 6	7°20	n.a.	F 23
S 24	23 25 45	19°41'27	8♒23	20°37	14° 8	28° 1	9°28	21°30	11°44	27°43	18°10	23°52	25° 3	7°27	n.a.	S 24
S 25	23 29 42	20°41'42	22°15	19°20	15°23	28°40	9°24	21°37	11°41	27°46	18°10	23°47	24°59	7°33	n.a.	S 25
M26	23 33 38	21°41'59	6♓31	18° 4	16°39	29°20	9°20	21°44	11°39	27°48	18° 9	23°42	24°56	7°40	n.a.	M26
T 27	23 37 35	22°42'17	21° 7	16°53	17°54	29°59	9°16	21°51	11°37	27°50	18° 9	23°38	24°53	7°47	n.a.	T 27
W28	23 41 31	23°42'37	5♈54	15°49	19°10	0♍39	9°12	21°58	11°34	27°52	18° 8	23°35	24°50	7°53	n.a.	W28
T 29	23 45 28	24°42'59	20°47	14°54	20°25	1°19	9° 9	22° 5	11°32	27°55	18° 8	23°D34	24°47	8° 0	n.a.	T 29
F 30	23 49 25	25♍43'23	5♉37	14♍ 8	21♍41	1♍58	9♒ 6	22♍12	11♈30	27♍57	18♉ 8	23♎35	24♎44	8♏ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	12n48	5n41	1n12	0n50	2s36	17n50	1n22	18n20	1n10	19s 8	1s41	6n40	2n22	4n27	0s36	3n 3	1n58	34s17	11s52	9s49	10s18	12s38		n.a.	T 1
F 2	12 27	10 3	0s 4	0 21	2 42	17 27	1 23	18 8	1 10	19 11	1 41	6 37	2 22	4 26	0 36	3 3	1 58	34 17	11 52	9 49	10 17	12 40		n.a.	F 2
S 3	12 7	13 49	1 20	0s 6	2 48	17 5	1 23	17 57	1 10	19 13	1 41	6 34	2 22	4 26	0 36	3 2	1 58	34 17	11 52	9 49	10 16	12 41		n.a.	S 3
S 4	11 45	16 42	2 31	0 31	2 54	16 42	1 24	17 45	1 10	19 15	1 41	6 32	2 22	4 25	0 36	3 1	1 58	34 17	11 51	9 49	10 14	12 43		n.a.	S 4
M 5	11 24	18 34	3 31	0 55	2 59	16 18	1 24	17 33	1 10	19 17	1 41	6 29	2 22	4 24	0 36	3 0	1 58	34 16	11 51	9 49	10 13	12 44		n.a.	M 5
T 6	11 3	19 18	4 18	1 17	3 4	15 54	1 25	17 21	1 10	19 18	1 41	6 26	2 22	4 24	0 36	2 59	1 58	34 16	11 51	9 49	10 12	12 45		n.a.	T 6
W 7	10 41	18 52	4 50	1 37	3 8	15 29	1 25	17 9	1 10	19 20	1 41	6 23	2 22	4 23	0 36	2 58	1 58	34 16	11 51	9 47	10 11	12 47		n.a.	W 7
T 8	10 19	17 23	5 6	1 54	3 12	15 4	1 25	16 57	1 10	19 22	1 41	6 20	2 22	4 22	0 36	2 57	1 58	34 16	11 51	9 45	10 10	12 48		n.a.	T 8
F 9	9 57	14 58	5 4	2 9	3 14	14 39	1 26	16 45	1 10	19 24	1 40	6 18	2 22	4 22	0 36	2 57	1 58	34 16	11 51	9 42	10 9	12 50		n.a.	F 9
S 10	9 35	11 51	4 47	2 20	3 16	14 13	1 26	16 32	1 10	19 26	1 40	6 15	2 22	4 21	0 36	2 56	1 58	34 16	11 50	9 38	10 7	12 51		n.a.	S 10
S 11	9 12	8 12	4 15	2 29	3 18	13 47	1 26	16 20	1 10	19 27	1 40	6 12	2 21	4 20	0 36	2 55	1 58	34 16	11 50	9 35	10 6	12 52		n.a.	S 11
M12	8 50	4 15	3 31	2 33	3 18	13 20	1 26	16 7	1 10	19 29	1 40	6 9	2 21	4 19	0 36	2 54	1 58	34 16	11 50	9 32	10 5	12 54		n.a.	M12
T 13	8 27	0 12	2 37	2 34	3 17	12 53	1 26	15 54	1 10	19 31	1 40	6 6	2 21	4 18	0 36	2 53	1 58	34 16	11 50	9 30	10 4	12 55		n.a.	T 13
W14	8 4	3s48	1 38	2 30	3 14	12 26	1 26	15 41	1 10	19 32	1 40	6 3	2 21	4 18	0 36	2 52	1 58	34 16	11 50	9 28	10 3	12 57		n.a.	W14
T 15	7 41	7 36	0 34	2 22	3 11	11 58	1 26	15 28	1 10	19 34	1 40	6 1	2 21	4 17	0 37	2 51	1 58	34 16	11 50	9 28	10 2	12 58		n.a.	T 15
F 16	7 18	11 2	0n30	2 8	3 5	11 30	1 26	15 15	1 10	19 35	1 40	5 58	2 21	4 16	0 37	2 50	1 58	34 16	11 49	9 28	10 0	12 59		n.a.	F 16
S 17	6 55	14 1	1 33	1 50	2 58	11 2	1 25	15 2	1 10	19 37	1 39	5 55	2 21	4 15	0 37	2 49	1 58	34 16	11 49	9 28	9 59	13 1		n.a.	S 17
S 18	6 31	16 25	2 32	1 26	2 50	10 33	1 25	14 49	1 9	19 38	1 39	5 52	2 21	4 14	0 37	2 49	1 58	34 16	11 49	9 29	9 58	13 2		n.a.	S 18
M19	6 8	18 8	3 25	0 57	2 39	10 4	1 24	14 35	1 9	19 39	1 39	5 49	2 21	4 14	0 37	2 48	1 58	34 16	11 49	9 29	9 57	13 4		n.a.	M19
T 20	5 44	19 3	4 10	0 23	2 26	9 35	1 24	14 21	1 9	19 41	1 39	5 46	2 21	4 13	0 37	2 47	1 58	34 15	11 49	9 29	9 56	13 5		n.a.	T 20
W21	5 20	19 6	4 44	0n16	2 12	9 5	1 23	14 8	1 9	19 42	1 39	5 43	2 21	4 12	0 37	2 46	1 58	34 15	11 48	9 29	9 54	13 6		n.a.	W21
T 22	4 57	18 13	5 5	1 0	1 56	8 36	1 23	13 54	1 9	19 43	1 39	5 41	2 21	4 11	0 37	2 45	1 58	34 15	11 48	9 28	9 53	13 8		n.a.	T 22
F 23	4 33	16 22	5 12	1 46	1 38	8 6	1 22	13 40	1 9	19 44	1 38	5 38	2 21	4 10	0 37	2 44	1 58	34 15	11 48	9 27	9 52	13 9		n.a.	F 23
S 24	4 9	13 36	5 2	2 34	1 19	7 35	1 21	13 26	1 9	19 45	1 38	5 35	2 21	4 9	0 37	2 43	1 58	34 15	11 48	9 25	9 51	13 11		n.a.	S 24
S 25	3 45	9 59	4 35	3 24	0 59	7 5	1 21	13 12	1 9	19 46	1 38	5 32	2 21	4 8	0 37	2 42	1 58	34 15	11 47	9 23	9 50	13 12		n.a.	S 25
M26	3 21	5 43	3 50	4 13	0 38	6 35	1 20	12 58	1 9	19 47	1 38	5 29	2 21	4 7	0 37	2 41	1 58	34 15	11 47	9 21	9 49	13 13		n.a.	M26
T 27	2 56	1 0	2 49	5 0	0 17	6 4	1 19	12 44	1 9	19 48	1 38	5 26	2 21	4 6	0 37	2 40	1 58	34 14	11 47	9 19	9 47	13 15		n.a.	T 27
W28	2 32	3n50	1 36	5 44	0n 3	5 33	1 18	12 29	1 8	19 49	1 38	5 24	2 21	4 5	0 37	2 40	1 58	34 14	11 47	9 18	9 46	13 16		n.a.	W28
T 29	2 8	8 29	0 15	6 23	0 22	5 2	1 17	12 15	1 8	19 49	1 37	5 21	2 21	4 4	0 37	2 39	1 58	34 14	11 47	9 18	9 45	13 17		n.a.	T 29
F 30	1n44	12n35	1s 6	6n58	0n41	4n30	1n16	12n 0	1n 8	19s50	1s37	5n18	2n21	4n 4	0s37	2n38	1n58	34s14	11s46	9s18	9s44	13s19		n.a.	F 30

Julian Day Number = 1294323.5, Delta T = 07h56m16s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'57, Lahiri = -20°05'56 Julian Calendar 1 Sept. 1170 BCE == Greg. Calendar 21 Aug. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

OCTOBER 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 21	26♍43'49	20♉17	13°R34	22♍56	2♍38	9°R 3	22♍19	11°R27	27♍59	18°R 7	23♎36	24♎40	8♏13	n.a.	S 1
S 2	23 57 18	27°44'18	4♊43	13♍12	24°12	3°18	9♒ 0	22°26	11♈25	28° 1	18♑ 7	23°37	24°37	8°20	n.a.	S 2
M 3	0 1 14	28°44'48	18°51	13°D 1	25°28	3°58	8°57	22°33	11°22	28° 4	18° 7	23°38	24°34	8°27	n.a.	M 3
T 4	0 5 11	29°45'20	2♋42	13° 2	26°43	4°38	8°54	22°41	11°20	28° 6	18° 7	23°R39	24°31	8°33	n.a.	T 4
W 5	0 9 7	0♎45'55	16°14	13°13	27°59	5°17	8°52	22°48	11°18	28° 8	18° 6	23°38	24°28	8°40	n.a.	W 5
T 6	0 13 4	1°46'31	29°29	13°35	29°14	5°57	8°50	22°55	11°15	28°10	18° 6	23°36	24°25	8°47	n.a.	T 6
F 7	0 17 0	2°47'09	12♌28	14° 6	0♏30	6°37	8°48	23° 2	11°13	28°13	18° 6	23°33	24°21	8°53	n.a.	F 7
S 8	0 20 57	3°47'50	25°12	14°46	1°46	7°17	8°46	23° 9	11°10	28°15	18° 6	23°30	24°18	9° 0	n.a.	S 8
S 9	0 24 54	4°48'31	7♍44	15°33	3° 1	7°57	8°45	23°16	11° 8	28°17	18° 6	23°27	24°15	9° 7	n.a.	S 9
M10	0 28 50	5°49'15	20° 3	16°27	4°17	8°37	8°43	23°23	11° 5	28°19	18° 6	23°24	24°12	9°13	n.a.	M10
T 11	0 32 47	6°50'00	2♎13	17°27	5°32	9°17	8°42	23°30	11° 3	28°22	18° 5	23°22	24° 9	9°20	n.a.	T 11
W12	0 36 43	7°50'47	14°14	18°31	6°48	9°57	8°41	23°37	11° 0	28°24	18° 5	23°21	24° 5	9°27	n.a.	W12
T 13	0 40 40	8°51'35	26° 8	19°41	8° 4	10°37	8°41	23°44	10°58	28°26	18°D 5	23°D21	24° 2	9°33	n.a.	T 13
F 14	0 44 36	9°52'24	7♏57	20°54	9°19	11°17	8°40	23°51	10°55	28°28	18° 5	23°22	23°59	9°40	n.a.	F 14
S 15	0 48 33	10°53'15	19°43	22°10	10°35	11°57	8°40	23°57	10°53	28°31	18° 5	23°23	23°56	9°46	n.a.	S 15
S 16	0 52 29	11°54'07	1♐31	23°29	11°50	12°37	8°D40	24° 4	10°50	28°33	18° 5	23°24	23°53	9°53	n.a.	S 16
M17	0 56 26	12°55'01	13°23	24°51	13° 6	13°17	8°40	24°11	10°48	28°35	18° 6	23°25	23°50	10° 0	n.a.	M17
T 18	1 0 23	13°55'55	25°24	26°14	14°22	13°57	8°40	24°18	10°45	28°37	18° 6	23°26	23°46	10° 6	n.a.	T 18
W19	1 4 19	14°56'51	7♑38	27°39	15°37	14°38	8°41	24°25	10°43	28°39	18° 6	23°26	23°43	10°13	n.a.	W19
T 20	1 8 16	15°57'47	20° 9	29° 6	16°53	15°18	8°42	24°32	10°40	28°41	18° 6	23°R26	23°40	10°20	n.a.	T 20
F 21	1 12 12	16°58'45	3♒ 2	0♏34	18° 9	15°58	8°43	24°38	10°38	28°44	18° 6	23°26	23°37	10°26	n.a.	F 21
S 22	1 16 9	17°59'43	16°21	2° 2	19°24	16°38	8°44	24°45	10°35	28°46	18° 6	23°26	23°34	10°33	n.a.	S 22
S 23	1 20 5	19° 0'42	0♓ 7	3°32	20°40	17°18	8°45	24°52	10°33	28°48	18° 7	23°25	23°30	10°40	n.a.	S 23
M24	1 24 2	20° 1'43	14°21	5° 2	21°55	17°59	8°47	24°58	10°30	28°50	18° 7	23°25	23°27	10°46	n.a.	M24
T 25	1 27 58	21° 2'44	28°59	6°33	23°11	18°39	8°49	25° 5	10°28	28°52	18° 7	23°24	23°24	10°53	n.a.	T 25
W26	1 31 55	22° 3'46	13♈56	8° 4	24°26	19°19	8°51	25°12	10°25	28°54	18° 7	23°24	23°21	11° 0	n.a.	W26
T 27	1 35 52	23° 4'49	29° 5	9°36	25°42	20° 0	8°53	25°18	10°23	28°56	18° 8	23°24	23°18	11° 6	n.a.	T 27
F 28	1 39 48	24° 5'53	14♉16	11° 8	26°57	20°40	8°55	25°25	10°20	28°58	18° 8	23°24	23°15	11°13	n.a.	F 28
S 29	1 43 45	25° 6'58	29°20	12°40	28°13	21°20	8°58	25°31	10°18	29° 1	18° 9	23°24	23°11	11°20	n.a.	S 29
S 30	1 47 41	26° 8'04	14♊ 8	14°12	29°29	22° 1	9° 1	25°38	10°16	29° 3	18° 9	23°24	23° 8	11°26	n.a.	S 30
M31	1 51 38	27♎ 9'12	28♊34	15♎45	0♏44	22♍41	9♒ 4	25♍44	10♈13	29♍ 5	18♑ 9	23♎23	23♎ 5	11♏33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n19	15n50	2s22	7n27	0n57	3n59	1n15	11n45	1n 8	19s51	1s37	5n15	2n21	4n 3	0s37	2n37	1n58	34s14	11s46	9s18	9s43	13s20		n.a.
S 2	0 55	18 2	3 28	7 49	1 13	3 28	1 13	11 31	1 8	19 51	1 37	5 12	2 21	4 2	0 37	2 36	1 58	34 14	11 46	9 19	9 41	13 21		n.a.
M 3	0 30	19 3	4 19	8 6	1 26	2 56	1 12	11 16	1 8	19 52	1 37	5 9	2 21	4 1	0 37	2 35	1 58	34 13	11 46	9 19	9 40	13 23		n.a.
T 4	0 6	18 54	4 55	8 17	1 38	2 24	1 11	11 1	1 8	19 52	1 36	5 7	2 21	4 0	0 37	2 34	1 58	34 13	11 45	9 20	9 39	13 24		n.a.
W 5	0s19	17 39	5 13	8 22	1 48	1 52	1 9	10 46	1 7	19 53	1 36	5 4	2 21	3 59	0 37	2 33	1 58	34 13	11 45	9 19	9 38	13 26		n.a.
T 6	0 43	15 29	5 14	8 21	1 57	1 21	1 8	10 31	1 7	19 53	1 36	5 1	2 21	3 58	0 37	2 32	1 58	34 13	11 45	9 19	9 37	13 27		n.a.
F 7	1 8	12 34	4 58	8 15	2 3	0 49	1 7	10 16	1 7	19 53	1 36	4 58	2 22	3 57	0 37	2 31	1 58	34 13	11 45	9 18	9 36	13 28		n.a.
S 8	1 32	9 7	4 29	8 4	2 9	0 17	1 5	10 1	1 7	19 54	1 35	4 55	2 22	3 56	0 37	2 30	1 58	34 12	11 44	9 16	9 34	13 30		n.a.
S 9	1 56	5 19	3 46	7 49	2 13	0s15	1 3	9 45	1 7	19 54	1 35	4 53	2 22	3 55	0 37	2 30	1 58	34 12	11 44	9 15	9 33	13 31		n.a.
M10	2 21	1 20	2 54	7 30	2 15	0 47	1 2	9 30	1 7	19 54	1 35	4 50	2 22	3 54	0 37	2 29	1 58	34 12	11 44	9 14	9 32	13 32		n.a.
T 11	2 45	2s38	1 54	7 8	2 17	1 19	1 0	9 15	1 7	19 54	1 35	4 47	2 22	3 53	0 37	2 28	1 58	34 12	11 44	9 13	9 31	13 34		n.a.
W12	3 10	6 28	0 50	6 43	2 18	1 51	0 58	8 59	1 6	19 54	1 34	4 44	2 22	3 52	0 37	2 27	1 58	34 11	11 43	9 13	9 30	13 35		n.a.
T 13	3 34	10 1	0n15	6 15	2 17	2 23	0 57	8 43	1 6	19 54	1 34	4 42	2 22	3 51	0 37	2 26	1 58	34 11	11 43	9 13	9 28	13 36		n.a.
F 14	3 58	13 7	1 20	5 44	2 16	2 55	0 55	8 28	1 6	19 54	1 34	4 39	2 22	3 50	0 37	2 25	1 58	34 11	11 43	9 13	9 27	13 38		n.a.
S 15	4 23	15 41	2 21	5 12	2 14	3 27	0 53	8 12	1 6	19 54	1 34	4 36	2 22	3 49	0 37	2 24	1 58	34 11	11 43	9 13	9 26	13 39		n.a.
S 16	4 47	17 36	3 17	4 38	2 11	3 58	0 51	7 56	1 6	19 53	1 33	4 34	2 22	3 48	0 37	2 23	1 58	34 10	11 42	9 14	9 25	13 40		n.a.
M17	5 11	18 45	4 4	4 2	2 8	4 30	0 49	7 41	1 5	19 53	1 33	4 31	2 22	3 47	0 37	2 22	1 58	34 10	11 42	9 14	9 24	13 41		n.a.
T 18	5 35	19 4	4 41	3 25	2 4	5 2	0 47	7 25	1 5	19 53	1 33	4 28	2 22	3 46	0 37	2 22	1 58	34 10	11 42	9 15	9 22	13 43		n.a.
W19	5 59	18 31	5 6	2 47	2 0	5 33	0 45	7 9	1 5	19 52	1 33	4 25	2 22	3 45	0 37	2 21	1 58	34 10	11 42	9 15	9 21	13 44		n.a.
T 20	6 23	17 3	5 18	2 8	1 56	6 4	0 43	6 53	1 5	19 52	1 32	4 23	2 22	3 44	0 37	2 20	1 58	34 9	11 41	9 15	9 20	13 45		n.a.
F 21	6 47	14 43	5 14	1 28	1 51	6 36	0 41	6 37	1 5	19 52	1 32	4 20	2 22	3 43	0 37	2 19	1 58	34 9	11 41	9 15	9 19	13 47		n.a.
S 22	7 10	11 32	4 53	0 47	1 45	7 7	0 39	6 21	1 4	19 51	1 32	4 18	2 23	3 42	0 36	2 18	1 58	34 9	11 41	9 15	9 18	13 48		n.a.
S 23	7 34	7 38	4 15	0 6	1 40	7 37	0 37	6 4	1 4	19 50	1 32	4 15	2 23	3 41	0 36	2 17	1 58	34 8	11 41	9 14	9 16	13 49		n.a.
M24	7 57	3 11	3 21	0s36	1 34	8 8	0 35	5 48	1 4	19 50	1 31	4 12	2 23	3 40	0 36	2 16	1 58	34 8	11 40	9 14	9 15	13 51		n.a.
T 25	8 21	1n36	2 12	1 18	1 28	8 39	0 33	5 32	1 4	19 49	1 31	4 10	2 23	3 39	0 36	2 16	1 58	34 8	11 40	9 14	9 14	13 52		n.a.
W26	8 44	6 23	0 52	2 0	1 22	9 9	0 31	5 16	1 3	19 48	1 31	4 7	2 23	3 38	0 36	2 15	1 58	34 8	11 40	9 14	9 13	13 53		n.a.
T 27	9 7	10 50	0s32	2 42	1 16	9 39	0 28	4 59	1 3	19 47	1 31	4 5	2 23	3 37	0 36	2 14	1 58	34 7	11 40	9 14	9 12	13 54		n.a.
F 28	9 30	14 35	1 54	3 25	1 9	10 9	0 26	4 43	1 3	19 46	1 30	4 2	2 23	3 36	0 36	2 13	1 58	34 7	11 39	9 14	9 11	13 56		n.a.
S 29	9 52	17 18	3 7	4 7	1 3	10 39	0 24	4 27	1 3	19 45	1 30	4 0	2 23	3 35	0 36	2 12	1 58	34 7	11 39	9 14	9 9	13 57		n.a.
S 30	10 15	18 47	4 7	4 50	0 56	11 8	0 22	4 10	1 2	19 44	1 30	3 57	2 23	3 34	0 36	2 12	1 59	34 6	11 39	9 14	9 8	13 58		n.a.
M31	10s38	19n 0	4s49	5s32	0n49	11s37	0n19	3n54	1n 2	19s43	1s30	3n55	2n24	3n33	0s36	2n11	1n59	34s 6	11s39	9s14	9s 7	14s 0		n.a.

Julian Day Number = 1294353.5, Delta T = 07h56m15s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'53, Lahiri = -20°05'52 Julian Calendar 1 Oct. 1170 BCE == Greg. Calendar 20 Sept. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

NOVEMBER 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 34	28♎10'20	12♋36	17♎17	2♏ 0	23♍22	9♒ 7	25♍51	10°R11	29♍ 7	18♑10	23°R23	23♎ 2	11♏40	n.a.	T 1
W 2	1 59 31	29°11'30	26°13	18°50	3°15	24° 2	9°10	25°57	10♈ 8	29° 9	18°10	23°D23	22°59	11°46	n.a.	W 2
T 3	2 3 27	0♏12'41	9♌25	20°23	4°31	24°43	9°14	26° 3	10° 6	29°11	18°11	23♎23	22°56	11°53	n.a.	T 3
F 4	2 7 24	1°13'53	22°15	21°56	5°46	25°23	9°18	26° 9	10° 4	29°13	18°12	23°23	22°52	12° 0	n.a.	F 4
S 5	2 11 21	2°15'05	4♍48	23°30	7° 2	26° 4	9°22	26°16	10° 2	29°15	18°12	23°24	22°49	12° 6	n.a.	S 5
S 6	2 15 17	3°16'19	17° 5	25° 3	8°17	26°45	9°26	26°22	9°59	29°17	18°13	23°25	22°46	12°13	n.a.	S 6
M 7	2 19 14	4°17'33	29°11	26°36	9°33	27°25	9°30	26°28	9°57	29°19	18°13	23°26	22°43	12°19	n.a.	M 7
T 8	2 23 10	5°18'48	11♎ 9	28°10	10°48	28° 6	9°35	26°34	9°55	29°20	18°14	23°27	22°40	12°26	n.a.	T 8
W 9	2 27 7	6°20'04	23° 1	29°43	12° 4	28°47	9°40	26°40	9°53	29°22	18°15	23°R27	22°36	12°33	n.a.	W 9
T 10	2 31 3	7°21'20	4♏50	1♏17	13°19	29°27	9°44	26°46	9°51	29°24	18°15	23°27	22°33	12°39	n.a.	T 10
F 11	2 35 0	8°22'37	16°37	2°51	14°35	0♎ 8	9°50	26°52	9°48	29°26	18°16	23°26	22°30	12°46	n.a.	F 11
S 12	2 38 56	9°23'55	28°26	4°25	15°50	0°49	9°55	26°58	9°46	29°28	18°17	23°24	22°27	12°53	n.a.	S 12
S 13	2 42 53	10°25'12	10♐17	5°59	17° 6	1°30	10° 0	27° 4	9°44	29°30	18°18	23°21	22°24	12°59	n.a.	S 13
M14	2 46 50	11°26'30	22°14	7°33	18°21	2°10	10° 6	27° 9	9°42	29°32	18°18	23°18	22°21	13° 6	n.a.	M14
T 15	2 50 46	12°27'48	4♑19	9° 8	19°37	2°51	10°12	27°15	9°40	29°33	18°19	23°15	22°17	13°13	n.a.	T 15
W16	2 54 43	13°29'06	16°35	10°43	20°52	3°32	10°18	27°21	9°38	29°35	18°20	23°13	22°14	13°19	n.a.	W16
T 17	2 58 39	14°30'24	29° 4	12°18	22° 8	4°13	10°24	27°26	9°36	29°37	18°21	23°11	22°11	13°26	n.a.	T 17
F 18	3 2 36	15°31'42	11♒52	13°53	23°23	4°54	10°30	27°32	9°34	29°39	18°22	23°D10	22° 8	13°33	n.a.	F 18
S 19	3 6 32	16°33'00	25° 1	15°28	24°38	5°35	10°37	27°37	9°32	29°40	18°23	23°10	22° 5	13°39	n.a.	S 19
S 20	3 10 29	17°34'17	8♓34	17° 4	25°54	6°16	10°44	27°43	9°31	29°42	18°24	23°11	22° 1	13°46	n.a.	S 20
M21	3 14 25	18°35'34	22°34	18°40	27° 9	6°57	10°50	27°48	9°29	29°44	18°25	23°13	21°58	13°53	n.a.	M21
T 22	3 18 22	19°36'51	6♈59	20°16	28°24	7°37	10°57	27°53	9°27	29°45	18°26	23°14	21°55	13°59	n.a.	T 22
W23	3 22 19	20°38'08	21°47	21°52	29°40	8°18	11° 5	27°58	9°25	29°47	18°27	23°R15	21°52	14° 6	n.a.	W23
T 24	3 26 15	21°39'25	6♉53	23°29	0♐55	9° 0	11°12	28° 4	9°24	29°48	18°28	23°14	21°49	14°13	n.a.	T 24
F 25	3 30 12	22°40'41	22° 9	25° 6	2°10	9°41	11°19	28° 9	9°22	29°50	18°29	23°12	21°46	14°19	n.a.	F 25
S 26	3 34 8	23°41'57	7♊23	26°44	3°26	10°22	11°27	28°14	9°20	29°51	18°30	23° 9	21°42	14°26	n.a.	S 26
S 27	3 38 5	24°43'14	22°27	28°22	4°41	11° 3	11°35	28°19	9°19	29°53	18°31	23° 4	21°39	14°33	n.a.	S 27
M28	3 42 1	25°44'30	7♋10	29°59	5°56	11°44	11°43	28°23	9°17	29°54	18°32	22°59	21°36	14°39	n.a.	M28
T 29	3 45 58	26°45'46	21°28	1♐38	7°12	12°25	11°51	28°28	9°16	29°56	18°33	22°54	21°33	14°46	n.a.	T 29
W30	3 49 55	27♏47'02	5♌16	3♐17	8♐27	13♎ 6	11♒59	28♍33	9♈14	29♍57	18♑34	22♎51	21♎30	14♏53	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 0	18n 2	5s13	6s15	0n43	12s 6	0n17	3n37	1n 2	19s42	1s29	3n52	2n24	3n32	0s36	2n10	1n59	34s 6	11s38	9s14	9s 6	14s 1		n.a.
W 2	11 22	16 3	5 18	6 57	0 36	12 34	0 15	3 21	1 2	19 41	1 29	3 50	2 24	3 31	0 36	2 9	1 59	34 5	11 38	9 14	9 5	14 2		n.a.
T 3	11 44	13 17	5 6	7 39	0 29	13 2	0 12	3 4	1 1	19 40	1 29	3 47	2 24	3 31	0 36	2 8	1 59	34 5	11 38	9 14	9 3	14 3		n.a.
F 4	12 6	9 56	4 39	8 20	0 22	13 30	0 10	2 48	1 1	19 39	1 29	3 45	2 24	3 30	0 36	2 8	1 59	34 5	11 38	9 14	9 2	14 5		n.a.
S 5	12 27	6 12	3 59	9 2	0 16	13 58	0 8	2 31	1 1	19 37	1 28	3 42	2 24	3 29	0 36	2 7	1 59	34 4	11 37	9 14	9 1	14 6		n.a.
S 6	12 48	2 17	3 9	9 43	0 9	14 25	0 5	2 14	1 1	19 36	1 28	3 40	2 24	3 28	0 36	2 6	1 59	34 4	11 37	9 15	9 0	14 7		n.a.
M 7	13 10	1s40	2 11	10 23	0 2	14 52	0 3	1 58	1 0	19 35	1 28	3 38	2 24	3 27	0 36	2 5	1 59	34 4	11 37	9 15	8 59	14 8		n.a.
T 8	13 30	5 31	1 8	11 4	0s 4	15 18	0 0	1 41	1 0	19 33	1 28	3 35	2 25	3 26	0 36	2 5	1 59	34 4	11 37	9 15	8 57	14 10		n.a.
W 9	13 51	9 8	0 2	11 44	0 11	15 44	0s 2	1 24	1 0	19 32	1 27	3 33	2 25	3 25	0 36	2 4	1 59	34 3	11 37	9 15	8 56	14 11		n.a.
T 10	14 11	12 22	1n 3	12 23	0 18	16 10	0 4	1 7	0 59	19 30	1 27	3 31	2 25	3 24	0 36	2 3	1 59	34 3	11 36	9 15	8 55	14 12		n.a.
F 11	14 32	15 5	2 5	13 2	0 24	16 35	0 7	0 51	0 59	19 28	1 27	3 29	2 25	3 24	0 36	2 2	1 59	34 3	11 36	9 15	8 54	14 13		n.a.
S 12	14 52	17 11	3 2	13 41	0 30	17 0	0 9	0 34	0 59	19 27	1 27	3 26	2 25	3 23	0 36	2 2	1 59	34 2	11 36	9 14	8 53	14 15		n.a.
S 13	15 11	18 33	3 51	14 18	0 37	17 24	0 11	0 17	0 58	19 25	1 26	3 24	2 25	3 22	0 36	2 1	1 59	34 2	11 36	9 13	8 51	14 16		n.a.
M14	15 31	19 6	4 31	14 56	0 43	17 48	0 14	0 0	0 58	19 23	1 26	3 22	2 26	3 21	0 36	2 0	1 59	34 1	11 35	9 12	8 50	14 17		n.a.
T 15	15 50	18 47	4 59	15 32	0 49	18 11	0 16	0s16	0 58	19 21	1 26	3 20	2 26	3 20	0 36	2 0	1 59	34 1	11 35	9 11	8 49	14 18		n.a.
W16	16 9	17 36	5 14	16 9	0 55	18 34	0 19	0 33	0 57	19 19	1 26	3 18	2 26	3 20	0 36	1 59	1 59	34 1	11 35	9 10	8 48	14 20		n.a.
T 17	16 27	15 34	5 14	16 44	1 0	18 56	0 21	0 50	0 57	19 17	1 26	3 16	2 26	3 19	0 36	1 58	1 59	34 0	11 35	9 9	8 47	14 21		n.a.
F 18	16 45	12 43	4 59	17 19	1 6	19 18	0 23	1 7	0 57	19 15	1 25	3 14	2 26	3 18	0 36	1 58	1 59	34 0	11 35	9 9	8 45	14 22		n.a.
S 19	17 3	9 11	4 28	17 52	1 11	19 39	0 26	1 24	0 56	19 13	1 25	3 12	2 26	3 17	0 36	1 57	1 59	34 0	11 34	9 9	8 44	14 23		n.a.
S 20	17 21	5 4	3 42	18 26	1 16	20 0	0 28	1 40	0 56	19 11	1 25	3 10	2 27	3 17	0 36	1 57	1 59	33 59	11 34	9 9	8 43	14 25		n.a.
M21	17 38	0 32	2 41	18 58	1 22	20 20	0 30	1 57	0 56	19 9	1 25	3 8	2 27	3 16	0 36	1 56	1 59	33 59	11 34	9 10	8 42	14 26		n.a.
T 22	17 55	4n10	1 28	19 29	1 26	20 39	0 32	2 14	0 55	19 7	1 24	3 6	2 27	3 15	0 36	1 55	1 59	33 59	11 34	9 10	8 40	14 27		n.a.
W23	18 12	8 45	0 8	20 0	1 31	20 58	0 35	2 31	0 55	19 5	1 24	3 4	2 27	3 15	0 36	1 55	2 0	33 58	11 33	9 11	8 39	14 28		n.a.
T 24	18 29	12 52	1s14	20 29	1 35	21 17	0 37	2 47	0 54	19 3	1 24	3 2	2 27	3 14	0 36	1 54	2 0	33 58	11 33	9 10	8 38	14 29		n.a.
F 25	18 45	16 9	2 32	20 58	1 40	21 34	0 39	3 4	0 54	19 0	1 24	3 0	2 28	3 13	0 36	1 54	2 0	33 58	11 33	9 10	8 37	14 31		n.a.
S 26	19 0	18 18	3 39	21 25	1 43	21 52	0 41	3 21	0 54	18 58	1 23	2 58	2 28	3 13	0 36	1 53	2 0	33 57	11 33	9 8	8 36	14 32		n.a.
S 27	19 16	19 8	4 30	21 51	1 47	22 8	0 43	3 38	0 53	18 55	1 23	2 56	2 28	3 12	0 36	1 52	2 0	33 57	11 33	9 7	8 34	14 33		n.a.
M28	19 31	18 37	5 1	22 17	1 50	22 24	0 46	3 54	0 53	18 53	1 23	2 54	2 28	3 12	0 36	1 52	2 0	33 57	11 33	9 5	8 33	14 34		n.a.
T 29	19 45	16 57	5 13	22 41	1 53	22 39	0 48	4 11	0 52	18 50	1 23	2 53	2 28	3 11	0 36	1 51	2 0	33 56	11 32	9 3	8 32	14 35		n.a.
W30	19s59	14n20	5s 5	23s 3	1s56	22s53	0s50	4s28	0n52	18s48	1s23	2n51	2n29	3n11	0s36	1n51	2n 0	33s56	11s32	9s 2	8s31	14s37		n.a.

Julian Day Number = 1294384.5, Delta T = 07h56m13s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'49, Lahiri = -20°05'48 Julian Calendar 1 Nov. 1170 BCE == Greg. Calendar 21 Oct. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1170 BCE
geocentric

DECEMBER 1170 BCE (-1169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 51	28♏48'18	18♌35	4♐56	9♐42	13♎47	12♒ 7	28♍38	9°R13	29♍59	18♉35	22°R49	21♎27	14♏59	n.a.	T 1
F 2	3 57 48	29°49'33	1♍28	6°36	10°57	14°29	12°16	28°42	9♈12	29°59	18°37	22°D48	21°23	15° 6	n.a.	F 2
S 3	4 1 44	0♐50'49	13°58	8°16	12°13	15°10	12°25	28°47	9°10	0♎ 1	18°38	22♎49	21°20	15°13	n.a.	S 3
S 4	4 5 41	1°52'04	26°10	9°56	13°28	15°51	12°33	28°51	9° 9	0° 3	18°39	22°50	21°17	15°19	n.a.	S 4
M 5	4 9 37	2°53'19	8♎10	11°36	14°43	16°32	12°42	28°56	9° 8	0° 4	18°40	22°52	21°14	15°26	n.a.	M 5
T 6	4 13 34	3°54'34	20° 1	13°17	15°58	17°14	12°51	29° 0	9° 7	0° 5	18°41	22°R53	21°11	15°33	n.a.	T 6
W 7	4 17 30	4°55'49	1♏48	14°57	17°13	17°55	13° 1	29° 4	9° 6	0° 6	18°43	22°53	21° 7	15°39	n.a.	W 7
T 8	4 21 27	5°57'03	13°35	16°38	18°29	18°36	13°10	29° 8	9° 4	0° 7	18°44	22°50	21° 4	15°46	n.a.	T 8
F 9	4 25 24	6°58'16	25°23	18°18	19°44	19°18	13°20	29°12	9° 3	0° 9	18°45	22°46	21° 1	15°52	n.a.	F 9
S 10	4 29 20	7°59'29	7♐17	19°59	20°59	19°59	13°29	29°16	9° 2	0°10	18°47	22°39	20°58	15°59	n.a.	S 10
S 11	4 33 17	9° 0'41	19°16	21°39	22°14	20°41	13°39	29°20	9° 2	0°11	18°48	22°30	20°55	16° 6	n.a.	S 11
M12	4 37 13	10° 1'52	1♑23	23°19	23°29	21°22	13°49	29°24	9° 1	0°12	18°49	22°21	20°52	16°12	n.a.	M12
T 13	4 41 10	11° 3'02	13°39	24°58	24°44	22° 3	13°59	29°27	9° 0	0°13	18°51	22°11	20°48	16°19	n.a.	T 13
W14	4 45 6	12° 4'12	26° 4	26°36	25°59	22°45	14° 9	29°31	8°59	0°14	18°52	22° 2	20°45	16°26	n.a.	W14
T 15	4 49 3	13° 5'20	8♒42	28°13	27°15	23°26	14°19	29°34	8°58	0°15	18°54	21°55	20°42	16°32	n.a.	T 15
F 16	4 53 0	14° 6'27	21°33	29°48	28°30	24° 8	14°29	29°38	8°58	0°16	18°55	21°50	20°39	16°39	n.a.	F 16
S 17	4 56 56	15° 7'33	4♓39	1♑21	29°45	24°50	14°40	29°41	8°57	0°17	18°56	21°48	20°36	16°46	n.a.	S 17
S 18	5 0 53	16° 8'37	18° 4	2°52	1♑ 0	25°31	14°50	29°44	8°56	0°18	18°58	21°D47	20°33	16°52	n.a.	S 18
M19	5 4 49	17° 9'40	1♈50	4°21	2°15	26°13	15° 1	29°48	8°56	0°18	18°59	21°48	20°29	16°59	n.a.	M19
T 20	5 8 46	18°10'42	15°57	5°46	3°30	26°54	15°12	29°51	8°55	0°19	19° 1	21°R49	20°26	17° 6	n.a.	T 20
W21	5 12 42	19°11'42	0♉25	7° 6	4°45	27°36	15°23	29°54	8°55	0°20	19° 2	21°48	20°23	17°12	n.a.	W21
T 22	5 16 39	20°12'41	15°13	8°23	6° 0	28°17	15°34	29°57	8°55	0°21	19° 4	21°46	20°20	17°19	n.a.	T 22
F 23	5 20 35	21°13'39	0♊13	9°33	7°14	28°59	15°45	29°59	8°54	0°21	19° 5	21°42	20°17	17°26	n.a.	F 23
S 24	5 24 32	22°14'35	15°18	10°38	8°29	29°41	15°56	0♎ 2	8°54	0°22	19° 7	21°34	20°13	17°32	n.a.	S 24
S 25	5 28 29	23°15'30	0♋19	11°36	9°44	0♏23	16° 7	0° 5	8°54	0°23	19° 8	21°25	20°10	17°39	n.a.	S 25
M26	5 32 25	24°16'24	15° 5	12°26	10°59	1° 4	16°19	0° 7	8°54	0°23	19°10	21°15	20° 7	17°46	n.a.	M26
T 27	5 36 22	25°17'16	29°29	13° 7	12°14	1°46	16°30	0°10	8°54	0°24	19°12	21° 5	20° 4	17°52	n.a.	T 27
W28	5 40 18	26°18'08	13♌26	13°39	13°29	2°28	16°42	0°12	8°54	0°24	19°13	20°56	20° 1	17°59	n.a.	W28
T 29	5 44 15	27°18'58	26°53	14° 1	14°43	3°10	16°54	0°14	8°D54	0°25	19°15	20°50	19°58	18° 6	n.a.	T 29
F 30	5 48 11	28°19'47	9♍52	14°12	15°58	3°51	17° 5	0°16	8°54	0°25	19°16	20°46	19°54	18°12	n.a.	F 30
S 31	5 52 8	29♐20'35	22♍27	14°R13	17♑13	4♏33	17♒17	0♎18	8♈54	0♎26	19♑18	20♎44	19♎51	18♏19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s13	11n 2	4s42	23s25	1s58	23s 7	0s52	4s44	0n51	18s45	1s22	2n49	2n29	3n10	0s36	1n50	2n 0	33s56	11s32	9s 1	8s30	14s38			n.a.
F 2	20 27	7 20	4 5	23 44	2 0	23 20	0 54	5 1	0 51	18 43	1 22	2 48	2 29	3 9	0 36	1 50	2 0	33 55	11 32	9 1	8 28	14 39			n.a.
S 3	20 40	3 24	3 16	24 3	2 2	23 33	0 56	5 17	0 51	18 40	1 22	2 46	2 29	3 9	0 36	1 49	2 0	33 55	11 32	9 1	8 27	14 40			n.a.
S 4	20 52	0s36	2 21	24 20	2 3	23 44	0 58	5 34	0 50	18 37	1 22	2 44	2 29	3 8	0 36	1 49	2 0	33 54	11 31	9 1	8 26	14 41			n.a.
M 5	21 5	4 30	1 19	24 35	2 4	23 55	0 59	5 51	0 50	18 34	1 22	2 43	2 30	3 8	0 35	1 48	2 0	33 54	11 31	9 2	8 25	14 43			n.a.
T 6	21 17	8 11	0 16	24 49	2 4	24 6	1 1	6 7	0 49	18 32	1 21	2 41	2 30	3 8	0 35	1 48	2 0	33 54	11 31	9 2	8 24	14 44			n.a.
W 7	21 28	11 32	0n48	25 1	2 4	24 15	1 3	6 23	0 49	18 29	1 21	2 40	2 30	3 7	0 35	1 48	2 0	33 53	11 31	9 2	8 22	14 45			n.a.
T 8	21 39	14 25	1 50	25 11	2 3	24 24	1 5	6 40	0 48	18 26	1 21	2 38	2 30	3 7	0 35	1 47	2 0	33 53	11 31	9 1	8 21	14 46			n.a.
F 9	21 50	16 43	2 47	25 20	2 2	24 32	1 7	6 56	0 48	18 23	1 21	2 37	2 31	3 6	0 35	1 47	2 1	33 53	11 31	9 0	8 20	14 47			n.a.
S 10	22 0	18 19	3 37	25 27	2 0	24 39	1 8	7 13	0 47	18 20	1 21	2 36	2 31	3 6	0 35	1 46	2 1	33 52	11 31	8 57	8 19	14 48			n.a.
S 11	22 10	19 7	4 18	25 31	1 58	24 46	1 10	7 29	0 47	18 17	1 20	2 34	2 31	3 6	0 35	1 46	2 1	33 52	11 30	8 54	8 18	14 50			n.a.
M12	22 19	19 2	4 47	25 34	1 55	24 52	1 12	7 45	0 46	18 14	1 20	2 33	2 31	3 5	0 35	1 46	2 1	33 52	11 30	8 50	8 16	14 51			n.a.
T 13	22 28	18 5	5 4	25 35	1 51	24 56	1 13	8 1	0 46	18 11	1 20	2 32	2 31	3 5	0 35	1 45	2 1	33 51	11 30	8 47	8 15	14 52			n.a.
W14	22 36	16 16	5 6	25 33	1 46	25 1	1 15	8 17	0 45	18 8	1 20	2 31	2 32	3 5	0 35	1 45	2 1	33 51	11 30	8 43	8 14	14 53			n.a.
T 15	22 44	13 39	4 54	25 30	1 41	25 4	1 16	8 33	0 45	18 4	1 20	2 29	2 32	3 5	0 35	1 45	2 1	33 51	11 30	8 41	8 13	14 54			n.a.
F 16	22 52	10 20	4 27	25 24	1 35	25 7	1 17	8 50	0 44	18 1	1 20	2 28	2 32	3 4	0 35	1 44	2 1	33 50	11 30	8 39	8 11	14 55			n.a.
S 17	22 59	6 28	3 46	25 17	1 28	25 9	1 19	9 5	0 44	17 58	1 19	2 27	2 32	3 4	0 35	1 44	2 1	33 50	11 30	8 38	8 10	14 56			n.a.
S 18	23 6	2 10	2 51	25 8	1 20	25 10	1 20	9 21	0 43	17 54	1 19	2 26	2 33	3 4	0 35	1 44	2 1	33 50	11 29	8 37	8 9	14 58			n.a.
M19	23 12	2n21	1 45	24 56	1 11	25 10	1 21	9 37	0 43	17 51	1 19	2 25	2 33	3 4	0 35	1 43	2 1	33 49	11 29	8 38	8 8	14 59			n.a.
T 20	23 18	6 51	0 31	24 43	1 1	25 9	1 22	9 53	0 42	17 48	1 19	2 24	2 33	3 4	0 35	1 43	2 1	33 49	11 29	8 38	8 7	15 0			n.a.
W21	23 23	11 5	0s46	24 28	0 50	25 8	1 23	10 9	0 41	17 44	1 19	2 23	2 33	3 3	0 35	1 43	2 1	33 49	11 29	8 38	8 5	15 1			n.a.
T 22	23 28	14 43	2 2	24 12	0 38	25 6	1 24	10 24	0 41	17 41	1 19	2 22	2 34	3 3	0 35	1 43	2 1	33 48	11 29	8 37	8 4	15 2			n.a.
F 23	23 32	17 26	3 10	23 54	0 26	25 3	1 25	10 40	0 40	17 37	1 18	2 21	2 34	3 3	0 35	1 42	2 1	33 48	11 29	8 35	8 3	15 3			n.a.
S 24	23 36	18 56	4 6	23 36	0 12	24 59	1 26	10 55	0 40	17 34	1 18	2 20	2 34	3 3	0 35	1 42	2 2	33 48	11 29	8 33	8 2	15 4			n.a.
S 25	23 39	19 6	4 44	23 16	0n 3	24 55	1 27	11 11	0 39	17 30	1 18	2 19	2 34	3 3	0 35	1 42	2 2	33 47	11 29	8 29	8 1	15 6			n.a.
M26	23 42	17 57	5 2	22 56	0 18	24 50	1 28	11 26	0 38	17 27	1 18	2 19	2 35	3 3	0 35	1 42	2 2	33 47	11 29	8 25	7 59	15 7			n.a.
T 27	23 45	15 42	5 1	22 36	0 34	24 44	1 29	11 41	0 38	17 23	1 18	2 18	2 35	3 3	0 35	1 42	2 2	33 47	11 29	8 21	7 58	15 8			n.a.
W28	23 47	12 35	4 41	22 16	0 51	24 37	1 29	11 57	0 37	17 19	1 18	2 17	2 35	3 3	0 35	1 42	2 2	33 46	11 29	8 18	7 57	15 9			n.a.
T 29	23 48	8 54	4 6	21 56	1 9	24 30	1 30	12 12	0 37	17 15	1 18	2 17	2 36	3 3	0 35	1 41	2 2	33 46	11 29	8 16	7 56	15 10			n.a.
F 30	23 49	4 55	3 20	21 37	1 27	24 21	1 31	12 27	0 36	17 12	1 17	2 16	2 36	3 3	0 35	1 41	2 2	33 46	11 28	8 14	7 54	15 11			n.a.
S 31	23s50	0n50	2s25	21s19	1n45	24s12	1s31	12s42	0n35	17s 8	1s17	2n15	2n36	3n 3	0s35	1n41	2n 2	33s45	11s28	8s13	7s53	15s12			n.a.

Julian Day Number = 1294414.5, Delta T = 07h56m11s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'44, Lahiri = -20°05'44 Julian Calendar 1 Dec. 1170 BCE == Greg. Calendar 20 Nov. 1170 BCE

The year -1169 astronomical counting style corresponds to year 1170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

JANUARY 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 4	0♉21'21	4♎41	14°R 3	18♉28	5♏15	17♒29	0♎20	8♈54	0♎26	19♉19	20°D44	19♎48	18♏26	n.a.	S 1
M 2	6 0 1	1°22'07	16°41	13♉42	19°42	5°57	17°41	0°22	8°54	0°27	19°21	20°R44	19°45	18°32	n.a.	M 2
T 3	6 3 58	2°22'51	28°31	13°11	20°57	6°39	17°53	0°24	8°54	0°27	19°23	20♎44	19°42	18°39	n.a.	T 3
W 4	6 7 54	3°23'33	10♏18	12°30	22°12	7°21	18° 6	0°25	8°55	0°27	19°24	20°42	19°39	18°46	n.a.	W 4
T 5	6 11 51	4°24'15	22° 5	11°40	23°26	8° 3	18°18	0°27	8°55	0°28	19°26	20°38	19°35	18°52	n.a.	T 5
F 6	6 15 47	5°24'55	3♐57	10°43	24°41	8°45	18°30	0°28	8°55	0°28	19°28	20°31	19°32	18°59	n.a.	F 6
S 7	6 19 44	6°25'34	15°56	9°41	25°56	9°27	18°43	0°30	8°56	0°28	19°29	20°21	19°29	19° 6	n.a.	S 7
S 8	6 23 40	7°26'11	28° 6	8°34	27°10	10° 9	18°55	0°31	8°56	0°28	19°31	20° 8	19°26	19°12	n.a.	S 8
M 9	6 27 37	8°26'46	10♉26	7°26	28°25	10°50	19° 8	0°32	8°57	0°28	19°33	19°55	19°23	19°19	n.a.	M 9
T 10	6 31 34	9°27'20	22°58	6°17	29°39	11°33	19°20	0°33	8°58	0°28	19°34	19°41	19°19	19°26	n.a.	T 10
W11	6 35 30	10°27'52	5♒41	5°10	0♒54	12°15	19°33	0°34	8°58	0°28	19°36	19°27	19°16	19°32	n.a.	W11
T 12	6 39 27	11°28'21	18°35	4° 6	2° 8	12°57	19°46	0°35	8°59	0°R28	19°38	19°17	19°13	19°39	n.a.	T 12
F 13	6 43 23	12°28'49	1♓40	3° 6	3°23	13°39	19°59	0°36	9° 0	0°28	19°39	19° 8	19°10	19°46	n.a.	F 13
S 14	6 47 20	13°29'15	14°57	2°12	4°37	14°21	20°12	0°36	9° 1	0°28	19°41	19° 3	19° 7	19°52	n.a.	S 14
S 15	6 51 16	14°29'39	28°26	1°24	5°51	15° 3	20°25	0°37	9° 2	0°28	19°43	19° 1	19° 4	19°59	n.a.	S 15
M16	6 55 13	15°30'01	12♈ 9	0°42	7° 6	15°45	20°38	0°37	9° 3	0°28	19°44	19° 0	19° 0	20° 6	n.a.	M16
T 17	6 59 9	16°30'20	26° 5	0° 8	8°20	16°27	20°51	0°38	9° 3	0°28	19°46	19° 0	18°57	20°12	n.a.	T 17
W18	7 3 6	17°30'37	10♉17	29♐42	9°34	17° 9	21° 4	0°38	9° 5	0°28	19°48	18°59	18°54	20°19	n.a.	W18
T 19	7 7 2	18°30'52	24°42	29°22	10°49	17°51	21°17	0°38	9° 6	0°28	19°49	18°56	18°51	20°26	n.a.	T 19
F 20	7 10 59	19°31'05	9♊17	29°10	12° 3	18°33	21°31	0°R38	9° 7	0°27	19°51	18°51	18°48	20°32	n.a.	F 20
S 21	7 14 56	20°31'16	23°59	29°D 5	13°17	19°15	21°44	0°38	9° 8	0°27	19°53	18°42	18°45	20°39	n.a.	S 21
S 22	7 18 52	21°31'25	8♋38	29° 7	14°31	19°58	21°57	0°38	9° 9	0°27	19°54	18°31	18°41	20°46	n.a.	S 22
M23	7 22 49	22°31'32	23° 9	29°14	15°45	20°40	22°11	0°37	9°11	0°27	19°56	18°19	18°38	20°52	n.a.	M23
T 24	7 26 45	23°31'36	7♌23	29°28	16°59	21°22	22°24	0°37	9°12	0°26	19°58	18° 7	18°35	20°59	n.a.	T 24
W25	7 30 42	24°31'39	21°15	29°48	18°13	22° 4	22°38	0°36	9°13	0°26	19°59	17°56	18°32	21° 6	n.a.	W25
T 26	7 34 38	25°31'39	4♍42	0♉12	19°27	22°46	22°52	0°36	9°15	0°25	20° 1	17°48	18°29	21°12	n.a.	T 26
F 27	7 38 35	26°31'38	17°44	0°42	20°41	23°29	23° 5	0°35	9°16	0°25	20° 3	17°42	18°25	21°19	n.a.	F 27
S 28	7 42 31	27°31'35	0♎22	1°16	21°55	24°11	23°19	0°34	9°18	0°24	20° 4	17°39	18°22	21°26	n.a.	S 28
S 29	7 46 28	28°31'30	12°40	1°54	23° 9	24°53	23°33	0°34	9°19	0°24	20° 6	17°D38	18°19	21°32	n.a.	S 29
M30	7 50 25	29°31'24	24°42	2°37	24°23	25°36	23°46	0°33	9°21	0°23	20° 8	17°R38	18°16	21°39	n.a.	M30
T 31	7 54 21	0♒31'15	6♏35	3♉23	25♒36	26♏18	24♒ 0	0♎31	9♈23	0♎23	20♉ 9	17♎38	18♎13	21♏46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s50	3s11	1s25	21s 3	2n 3	24s 3	1s32	12s57	0n35	17s 4	1s17	2n15	2n36	3n 3	0s35	1n41	2n 2	33s45	11s28	8s13	7s52	15s13			n.a.
M 2	23 49	7 0	0 22	20 48	2 20	23 52	1 32	13 11	0 34	17 0	1 17	2 14	2 37	3 3	0 34	1 41	2 2	33 45	11 28	8 14	7 51	15 14			n.a.
T 3	23 49	10 29	0n41	20 34	2 37	23 41	1 32	13 26	0 33	16 56	1 17	2 14	2 37	3 4	0 34	1 41	2 2	33 45	11 28	8 13	7 50	15 16			n.a.
W 4	23 47	13 32	1 42	20 22	2 52	23 29	1 32	13 41	0 33	16 52	1 17	2 13	2 37	3 4	0 34	1 41	2 2	33 44	11 28	8 13	7 48	15 17			n.a.
T 5	23 45	16 2	2 38	20 13	3 7	23 17	1 32	13 55	0 32	16 48	1 17	2 13	2 37	3 4	0 34	1 41	2 2	33 44	11 28	8 11	7 47	15 18			n.a.
F 6	23 43	17 53	3 28	20 5	3 19	23 3	1 33	14 9	0 31	16 44	1 16	2 13	2 38	3 4	0 34	1 41	2 2	33 44	11 28	8 8	7 46	15 19			n.a.
S 7	23 40	18 57	4 9	19 59	3 30	22 49	1 33	14 24	0 30	16 40	1 16	2 12	2 38	3 4	0 34	1 41	2 3	33 43	11 28	8 5	7 45	15 20			n.a.
S 8	23 37	19 10	4 39	19 55	3 38	22 35	1 33	14 38	0 30	16 36	1 16	2 12	2 38	3 5	0 34	1 41	2 3	33 43	11 28	8 0	7 43	15 21			n.a.
M 9	23 33	18 29	4 56	19 53	3 45	22 19	1 32	14 52	0 29	16 32	1 16	2 12	2 38	3 5	0 34	1 41	2 3	33 43	11 28	7 55	7 42	15 22			n.a.
T 10	23 29	16 55	5 0	19 52	3 49	22 3	1 32	15 6	0 28	16 28	1 16	2 12	2 39	3 5	0 34	1 41	2 3	33 43	11 28	7 49	7 41	15 23			n.a.
W11	23 25	14 30	4 49	19 54	3 50	21 47	1 32	15 20	0 27	16 24	1 16	2 12	2 39	3 5	0 34	1 41	2 3	33 42	11 28	7 44	7 40	15 24			n.a.
T 12	23 20	11 21	4 23	19 56	3 50	21 30	1 32	15 33	0 27	16 19	1 16	2 12	2 39	3 6	0 34	1 41	2 3	33 42	11 28	7 40	7 39	15 25			n.a.
F 13	23 14	7 36	3 42	20 1	3 47	21 12	1 31	15 47	0 26	16 15	1 16	2 12	2 40	3 6	0 34	1 41	2 3	33 42	11 28	7 37	7 37	15 26			n.a.
S 14	23 8	3 25	2 50	20 6	3 43	20 53	1 31	16 0	0 25	16 11	1 16	2 12	2 40	3 6	0 34	1 41	2 3	33 41	11 28	7 35	7 36	15 27			n.a.
S 15	23 2	1n 0	1 47	20 13	3 36	20 34	1 30	16 14	0 24	16 7	1 15	2 12	2 40	3 7	0 34	1 41	2 3	33 41	11 28	7 34	7 35	15 29			n.a.
M16	22 55	5 26	0 36	20 21	3 29	20 15	1 30	16 27	0 24	16 2	1 15	2 12	2 40	3 7	0 34	1 41	2 3	33 41	11 28	7 34	7 34	15 30			n.a.
T 17	22 48	9 39	0s37	20 30	3 20	19 54	1 29	16 40	0 23	15 58	1 15	2 12	2 41	3 8	0 34	1 41	2 3	33 41	11 28	7 34	7 32	15 31			n.a.
W18	22 40	13 24	1 50	20 40	3 10	19 34	1 28	16 53	0 22	15 54	1 15	2 12	2 41	3 8	0 34	1 41	2 3	33 40	11 28	7 33	7 31	15 32			n.a.
T 19	22 32	16 24	2 57	20 50	2 59	19 12	1 27	17 6	0 21	15 49	1 15	2 12	2 41	3 9	0 34	1 42	2 3	33 40	11 28	7 32	7 30	15 33			n.a.
F 20	22 23	18 23	3 52	21 2	2 48	18 50	1 26	17 18	0 20	15 45	1 15	2 12	2 41	3 9	0 34	1 42	2 3	33 40	11 28	7 30	7 29	15 34			n.a.
S 21	22 14	19 8	4 33	21 13	2 36	18 28	1 25	17 31	0 19	15 40	1 15	2 13	2 42	3 10	0 34	1 42	2 4	33 40	11 28	7 27	7 28	15 35			n.a.
S 22	22 5	18 37	4 56	21 26	2 24	18 5	1 24	17 43	0 19	15 36	1 15	2 13	2 42	3 10	0 34	1 42	2 4	33 40	11 28	7 22	7 26	15 36			n.a.
M23	21 55	16 53	4 59	21 38	2 12	17 42	1 23	17 56	0 18	15 31	1 15	2 13	2 42	3 11	0 34	1 42	2 4	33 39	11 28	7 18	7 25	15 37			n.a.
T 24	21 45	14 9	4 44	21 50	1 59	17 18	1 22	18 8	0 17	15 27	1 15	2 14	2 43	3 11	0 34	1 43	2 4	33 39	11 28	7 13	7 24	15 38			n.a.
W25	21 34	10 41	4 12	22 3	1 47	16 54	1 21	18 20	0 16	15 22	1 15	2 14	2 43	3 12	0 34	1 43	2 4	33 39	11 29	7 9	7 23	15 39			n.a.
T 26	21 23	6 45	3 26	22 15	1 35	16 29	1 20	18 31	0 15	15 17	1 14	2 15	2 43	3 12	0 34	1 43	2 4	33 39	11 29	7 6	7 21	15 40			n.a.
F 27	21 12	2 36	2 31	22 27	1 22	16 4	1 18	18 43	0 14	15 13	1 14	2 15	2 43	3 13	0 34	1 43	2 4	33 39	11 29	7 4	7 20	15 41			n.a.
S 28	21 0	1s31	1 30	22 39	1 10	15 38	1 17	18 55	0 13	15 8	1 14	2 16	2 44	3 14	0 34	1 44	2 4	33 38	11 29	7 2	7 19	15 42			n.a.
S 29	20 48	5 29	0 26	22 51	0 58	15 12	1 15	19 6	0 12	15 3	1 14	2 16	2 44	3 14	0 34	1 44	2 4	33 38	11 29	7 2	7 18	15 43			n.a.
M30	20 35	9 9	0n37	23 1	0 47	14 46	1 14	19 17	0 11	14 59	1 14	2 17	2 44	3 15	0 33	1 44	2 4	33 38	11 29	7 2	7 17	15 44			n.a.
T 31	20s22	12s23	1n39	23s12	0n35	14s19	1s12	19s28	0n11	14s54	1s14	2n18	2n44	3n16	0s33	1n44	2n 4	33s38	11s29	7s 2	7s15	15s45			n.a.

Julian Day Number = 1294445.5, Delta T = 07h56m10s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'40, Lahiri = -20°05'40 Julian Calendar 1 Jan. 1169 BCE == Greg. Calendar 21 Dec. 1170 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

FEBRUARY 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 58 18	1♒31'05	18♏23	4♉13	26♒50	27♏ 0	24♒14	0°R30	9♈24	0°R22	20♉11	17°R37	18♎10	21♏52	n.a.	W 1
T 2	8 2 14	2°30'53	0♐13	5° 5	28° 4	27°42	24°28	0♎29	9°26	0♎21	20°13	17♎34	18° 6	21°59	n.a.	T 2
F 3	8 6 11	3°30'39	12° 8	6° 1	29°17	28°25	24°42	0°28	9°28	0°21	20°14	17°28	18° 3	22° 6	n.a.	F 3
S 4	8 10 7	4°30'23	24°13	7° 0	0♓31	29° 7	24°56	0°26	9°30	0°20	20°16	17°19	18° 0	22°12	n.a.	S 4
S 5	8 14 4	5°30'05	6♉31	8° 1	1°45	29°50	25°10	0°25	9°32	0°19	20°18	17° 8	17°57	22°19	n.a.	S 5
M 6	8 18 0	6°29'45	19° 4	9° 5	2°58	0♐32	25°24	0°23	9°34	0°19	20°19	16°56	17°54	22°26	n.a.	M 6
T 7	8 21 57	7°29'23	1♒52	10°12	4°12	1°14	25°38	0°21	9°36	0°18	20°21	16°44	17°51	22°32	n.a.	T 7
W 8	8 25 54	8°28'59	14°55	11°20	5°25	1°57	25°52	0°19	9°38	0°17	20°23	16°32	17°47	22°39	n.a.	W 8
T 9	8 29 50	9°28'32	28°11	12°31	6°38	2°39	26° 6	0°17	9°40	0°16	20°24	16°22	17°44	22°46	n.a.	T 9
F 10	8 33 47	10°28'04	11♓39	13°44	7°52	3°21	26°20	0°15	9°42	0°15	20°26	16°15	17°41	22°52	n.a.	F 10
S 11	8 37 43	11°27'33	25°17	14°58	9° 5	4° 4	26°34	0°13	9°44	0°14	20°27	16°10	17°38	22°59	n.a.	S 11
S 12	8 41 40	12°26'59	9♈ 3	16°15	10°18	4°46	26°49	0°11	9°46	0°13	20°29	16° 9	17°35	23° 6	n.a.	S 12
M13	8 45 36	13°26'23	22°57	17°33	11°31	5°28	27° 3	0° 9	9°48	0°12	20°31	16°D 9	17°31	23°12	n.a.	M13
T 14	8 49 33	14°25'45	6♉57	18°53	12°45	6°11	27°17	0° 6	9°51	0°11	20°32	16° 9	17°28	23°19	n.a.	T 14
W15	8 53 29	15°25'04	21° 3	20°15	13°58	6°53	27°31	0° 4	9°53	0°10	20°34	16°R 9	17°25	23°26	n.a.	W15
T 16	8 57 26	16°24'21	5♊15	21°38	15°11	7°36	27°45	0° 1	9°55	0° 9	20°35	16° 8	17°22	23°32	n.a.	T 16
F 17	9 1 22	17°23'35	19°29	23° 3	16°24	8°18	28° 0	29♍59	9°58	0° 8	20°37	16° 4	17°19	23°39	n.a.	F 17
S 18	9 5 19	18°22'47	3♋44	24°30	17°37	9° 0	28°14	29°56	10° 0	0° 7	20°38	15°58	17°16	23°46	n.a.	S 18
S 19	9 9 16	19°21'56	17°56	25°58	18°49	9°43	28°28	29°53	10° 2	0° 6	20°40	15°50	17°12	23°53	n.a.	S 19
M20	9 13 12	20°21'03	2♌ 0	27°28	20° 2	10°25	28°43	29°50	10° 5	0° 5	20°41	15°41	17° 9	23°59	n.a.	M20
T 21	9 17 9	21°20'08	15°51	28°59	21°15	11° 7	28°57	29°47	10° 7	0° 4	20°43	15°31	17° 6	24° 6	n.a.	T 21
W22	9 21 5	22°19'11	29°25	0♒31	22°27	11°50	29°11	29°44	10°10	0° 3	20°44	15°23	17° 3	24°13	n.a.	W22
T 23	9 25 2	23°18'11	12♍39	2° 5	23°40	12°32	29°26	29°41	10°13	0° 1	20°46	15°17	17° 0	24°19	n.a.	T 23
F 24	9 28 58	24°17'09	25°34	3°41	24°53	13°15	29°40	29°38	10°15	0° 0	20°47	15°13	16°56	24°26	n.a.	F 24
S 25	9 32 55	25°16'05	8♎ 9	5°18	26° 5	13°57	29°54	29°35	10°18	29♍59	20°49	15°11	16°53	24°33	n.a.	S 25
S 26	9 36 51	26°15'00	20°26	6°56	27°17	14°39	0♓ 9	29°32	10°21	29°58	20°50	15°D11	16°50	24°39	n.a.	S 26
M27	9 40 48	27°13'52	2♏30	8°36	28°30	15°22	0°23	29°28	10°23	29°56	20°51	15°12	16°47	24°46	n.a.	M27
T 28	9 44 44	28°12'42	14°25	10°18	29°42	16° 4	0°38	29°25	10°26	29°55	20°53	15°13	16°44	24°53	n.a.	T 28
W29	9 48 41	29♒11'31	26♏15	12♒ 1	0♈54	16♐46	0♓52	29♍21	10♈29	29♍54	20♉54	15°R14	16♎41	24♏59	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 9	15s 6	2n36	23s21	0n24	13s52	1s10	19s39	0n10	14s49	1s14	2n18	2n45	3n16	0s33	1n45	2n 4	33s38	11s29	7s 1	7s14	15s46		n.a.
T 2	19 55	17 11	3 26	23 30	0 13	13 25	1 9	19 50	0 9	14 45	1 14	2 19	2 45	3 17	0 33	1 45	2 4	33 37	11 29	7 0	7 13	15 47		n.a.
F 3	19 41	18 32	4 7	23 39	0 3	12 57	1 7	20 0	0 8	14 40	1 14	2 20	2 45	3 18	0 33	1 45	2 4	33 37	11 29	6 58	7 12	15 48		n.a.
S 4	19 27	19 4	4 38	23 46	0s 7	12 29	1 5	20 11	0 7	14 35	1 14	2 21	2 45	3 19	0 33	1 46	2 4	33 37	11 29	6 55	7 10	15 49		n.a.
S 5	19 12	18 44	4 57	23 52	0 17	12 0	1 3	20 21	0 6	14 30	1 14	2 22	2 46	3 20	0 33	1 46	2 4	33 37	11 30	6 50	7 9	15 50		n.a.
M 6	18 57	17 28	5 2	23 57	0 27	11 31	1 1	20 31	0 5	14 25	1 14	2 22	2 46	3 20	0 33	1 46	2 5	33 37	11 30	6 46	7 8	15 51		n.a.
T 7	18 42	15 20	4 52	24 1	0 36	11 2	0 59	20 41	0 4	14 20	1 14	2 23	2 46	3 21	0 33	1 47	2 5	33 37	11 30	6 41	7 7	15 52		n.a.
W 8	18 26	12 23	4 26	24 5	0 44	10 33	0 57	20 51	0 3	14 15	1 14	2 24	2 46	3 22	0 33	1 47	2 5	33 36	11 30	6 36	7 5	15 53		n.a.
T 9	18 10	8 46	3 46	24 6	0 53	10 4	0 54	21 0	0 2	14 11	1 14	2 25	2 47	3 23	0 33	1 48	2 5	33 36	11 30	6 32	7 4	15 54		n.a.
F 10	17 54	4 39	2 53	24 7	1 1	9 34	0 52	21 10	0 1	14 6	1 14	2 26	2 47	3 24	0 33	1 48	2 5	33 36	11 30	6 29	7 3	15 55		n.a.
S 11	17 38	0 15	1 49	24 7	1 8	9 4	0 50	21 19	0s 1	14 1	1 14	2 27	2 47	3 25	0 33	1 48	2 5	33 36	11 30	6 28	7 2	15 56		n.a.
S 12	17 21	4n13	0 38	24 5	1 16	8 34	0 48	21 28	0 2	13 56	1 14	2 29	2 47	3 26	0 33	1 49	2 5	33 36	11 30	6 27	7 1	15 57		n.a.
M13	17 4	8 30	0s36	24 1	1 23	8 3	0 45	21 37	0 3	13 51	1 14	2 30	2 47	3 26	0 33	1 49	2 5	33 36	11 31	6 27	6 59	15 58		n.a.
T 14	16 46	12 21	1 49	23 57	1 29	7 32	0 43	21 45	0 4	13 46	1 14	2 31	2 48	3 27	0 33	1 50	2 5	33 36	11 31	6 27	6 58	15 59		n.a.
W15	16 29	15 30	2 55	23 51	1 35	7 2	0 40	21 54	0 5	13 41	1 13	2 32	2 48	3 28	0 33	1 50	2 5	33 36	11 31	6 27	6 57	16 0		n.a.
T 16	16 11	17 44	3 51	23 43	1 41	6 31	0 38	22 2	0 6	13 36	1 13	2 33	2 48	3 29	0 33	1 51	2 5	33 36	11 31	6 27	6 56	16 1		n.a.
F 17	15 52	18 52	4 33	23 34	1 46	6 0	0 35	22 10	0 7	13 31	1 13	2 34	2 48	3 30	0 33	1 51	2 5	33 35	11 31	6 25	6 54	16 2		n.a.
S 18	15 34	18 48	4 58	23 23	1 51	5 28	0 32	22 18	0 8	13 26	1 13	2 36	2 49	3 31	0 33	1 52	2 5	33 35	11 31	6 23	6 53	16 3		n.a.
S 19	15 15	17 34	5 5	23 11	1 55	4 57	0 30	22 25	0 9	13 20	1 13	2 37	2 49	3 32	0 33	1 52	2 5	33 35	11 32	6 20	6 52	16 4		n.a.
M20	14 56	15 17	4 53	22 57	1 59	4 25	0 27	22 33	0 11	13 15	1 13	2 38	2 49	3 33	0 33	1 53	2 5	33 35	11 32	6 16	6 51	16 5		n.a.
T 21	14 37	12 9	4 24	22 42	2 3	3 54	0 24	22 40	0 12	13 10	1 13	2 40	2 49	3 34	0 33	1 53	2 5	33 35	11 32	6 12	6 49	16 6		n.a.
W22	14 18	8 26	3 40	22 25	2 6	3 22	0 21	22 47	0 13	13 5	1 13	2 41	2 49	3 35	0 33	1 54	2 5	33 35	11 32	6 9	6 48	16 7		n.a.
T 23	13 58	4 22	2 46	22 6	2 8	2 50	0 19	22 54	0 14	13 0	1 13	2 43	2 49	3 36	0 33	1 54	2 5	33 35	11 32	6 7	6 47	16 8		n.a.
F 24	13 39	0 13	1 44	21 45	2 10	2 18	0 16	23 1	0 15	12 55	1 13	2 44	2 50	3 37	0 33	1 55	2 6	33 35	11 33	6 5	6 46	16 9		n.a.
S 25	13 19	3s52	0 38	21 23	2 12	1 47	0 13	23 7	0 16	12 50	1 13	2 46	2 50	3 39	0 33	1 55	2 6	33 35	11 33	6 4	6 44	16 10		n.a.
S 26	12 58	7 40	0n28	20 59	2 13	1 15	0 10	23 14	0 18	12 45	1 13	2 47	2 50	3 40	0 33	1 56	2 6	33 35	11 33	6 4	6 43	16 11		n.a.
M27	12 38	11 6	1 32	20 33	2 14	0 43	0 7	23 20	0 19	12 39	1 13	2 49	2 50	3 41	0 33	1 56	2 6	33 35	11 33	6 5	6 42	16 12		n.a.
T 28	12 17	14 1	2 31	20 6	2 14	0 11	0 4	23 25	0 20	12 34	1 13	2 50	2 50	3 42	0 33	1 57	2 6	33 35	11 33	6 5	6 41	16 13		n.a.
W29	11s57	16s20	3n24	19s37	2s14	0n21	0s 1	23s31	0s21	12s29	1s13	2n52	2n51	3n43	0s33	1n58	2n 6	33s35	11s34	6s 6	6s40	16s14		n.a.

Julian Day Number = 1294476.5, Delta T = 07h56m08s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'36, Lahiri = -20°05'36 Julian Calendar 1 Feb. 1169 BCE == Greg. Calendar 21 Jan. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

MARCH 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 38	0♓10'18	8♐ 6	13♒45	2♈ 6	17♐29	1♓ 6	29°R18	10♈32	29°R52	20♑56	15°R13	16♎37	25♏ 6	n.a.	T 1
F 2	9 56 34	1° 9'03	20° 3	15°31	3°19	18°11	1°21	29♏14	10°34	29♏51	20°57	15♎11	16°34	25°13	n.a.	F 2
S 3	10 0 31	2° 7'46	2♑11	17°18	4°31	18°54	1°35	29°10	10°37	29°50	20°58	15° 8	16°31	25°19	n.a.	S 3
S 4	10 4 27	3° 6'27	14°34	19° 7	5°43	19°36	1°50	29° 7	10°40	29°48	21° 0	15° 2	16°28	25°26	n.a.	S 4
M 5	10 8 24	4° 5'06	27°14	20°58	6°54	20°18	2° 4	29° 3	10°43	29°47	21° 1	14°56	16°25	25°33	n.a.	M 5
T 6	10 12 20	5° 3'44	10♒14	22°50	8° 6	21° 1	2°18	28°59	10°46	29°45	21° 2	14°49	16°22	25°39	n.a.	T 6
W 7	10 16 17	6° 2'19	23°33	24°43	9°18	21°43	2°33	28°55	10°49	29°44	21° 4	14°42	16°18	25°46	n.a.	W 7
T 8	10 20 13	7° 0'52	7♓ 9	26°38	10°30	22°25	2°47	28°51	10°52	29°42	21° 5	14°37	16°15	25°53	n.a.	T 8
F 9	10 24 10	7°59'24	21° 2	28°35	11°41	23° 7	3° 1	28°47	10°55	29°41	21° 6	14°33	16°12	25°59	n.a.	F 9
S 10	10 28 6	8°57'53	5♈ 5	0♓33	12°53	23°50	3°16	28°43	10°58	29°39	21° 7	14°31	16° 9	26° 6	n.a.	S 10
S 11	10 32 3	9°56'20	19°17	2°32	14° 4	24°32	3°30	28°39	11° 1	29°38	21° 8	14°D31	16° 6	26°13	n.a.	S 11
M12	10 36 0	10°54'45	3♉33	4°33	15°16	25°14	3°44	28°35	11° 4	29°36	21°10	14°32	16° 2	26°19	n.a.	M12
T 13	10 39 56	11°53'07	17°50	6°35	16°27	25°56	3°59	28°31	11° 8	29°35	21°11	14°33	15°59	26°26	n.a.	T 13
W14	10 43 53	12°51'28	2♊ 4	8°39	17°38	26°38	4°13	28°26	11°11	29°33	21°12	14°34	15°56	26°33	n.a.	W14
T 15	10 47 49	13°49'46	16°15	10°44	18°49	27°20	4°27	28°22	11°14	29°32	21°13	14°R35	15°53	26°39	n.a.	T 15
F 16	10 51 46	14°48'02	0♋19	12°49	20° 0	28° 3	4°42	28°18	11°17	29°30	21°14	14°34	15°50	26°46	n.a.	F 16
S 17	10 55 42	15°46'16	14°16	14°56	21°11	28°45	4°56	28°14	11°20	29°29	21°15	14°32	15°47	26°53	n.a.	S 17
S 18	10 59 39	16°44'27	28° 4	17° 4	22°22	29°27	5°10	28° 9	11°23	29°27	21°16	14°28	15°43	26°59	n.a.	S 18
M19	11 3 35	17°42'36	11♌40	19°12	23°33	0♑ 9	5°24	28° 5	11°27	29°26	21°17	14°24	15°40	27° 6	n.a.	M19
T 20	11 7 32	18°40'44	25° 4	21°21	24°43	0°51	5°39	28° 1	11°30	29°24	21°18	14°20	15°37	27°13	n.a.	T 20
W21	11 11 29	19°38'49	8♍14	23°29	25°54	1°33	5°53	27°56	11°33	29°22	21°20	14°17	15°34	27°19	n.a.	W21
T 22	11 15 25	20°36'52	21° 8	25°38	27° 5	2°15	6° 7	27°52	11°37	29°21	21°21	14°14	15°31	27°26	n.a.	T 22
F 23	11 19 22	21°34'54	3♎48	27°46	28°15	2°57	6°21	27°47	11°40	29°19	21°21	14°13	15°27	27°33	n.a.	F 23
S 24	11 23 18	22°32'54	16°12	29°54	29°25	3°39	6°35	27°43	11°43	29°18	21°22	14°D12	15°24	27°40	n.a.	S 24
S 25	11 27 15	23°30'52	28°24	2♈ 0	0♉35	4°20	6°49	27°39	11°47	29°16	21°23	14°13	15°21	27°46	n.a.	S 25
M26	11 31 11	24°28'48	10♏26	4° 5	1°46	5° 2	7° 3	27°34	11°50	29°14	21°24	14°14	15°18	27°53	n.a.	M26
T 27	11 35 8	25°26'44	22°20	6° 9	2°56	5°44	7°17	27°30	11°53	29°13	21°25	14°16	15°15	28° 0	n.a.	T 27
W28	11 39 4	26°24'37	4♐11	8°11	4° 5	6°26	7°31	27°25	11°57	29°11	21°26	14°17	15°12	28° 6	n.a.	W28
T 29	11 43 1	27°22'29	16° 3	10°10	5°15	7° 8	7°45	27°21	12° 0	29°10	21°27	14°18	15° 8	28°13	n.a.	T 29
F 30	11 46 57	28°20'20	28° 0	12° 8	6°25	7°49	7°59	27°16	12° 3	29° 8	21°28	14°R19	15° 5	28°20	n.a.	F 30
S 31	11 50 54	29♓18'10	10♑ 8	14♈ 2	7♉35	8♑31	8♓13	27♏12	12♈ 7	29♏ 6	21♑29	14♎18	15♎ 2	28♏26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	11s36	17s57	4n 7	19s 5	2s13	0n53	0n 2	23s36	0s23	12s24	1s13	2n53	2n51	3n44	0s33	1n58	2n 6	33s35	11s34	6s 5	6s38	16s14					n.a.
F 2	11 15	18 47	4 41	18 32	2 12	1 25	0 5	23 42	0 24	12 19	1 13	2 55	2 51	3 45	0 33	1 59	2 6	33 35	11 34	6 5	6 37	16 15					n.a.
S 3	10 53	18 47	5 2	17 58	2 10	1 57	0 8	23 47	0 25	12 13	1 13	2 56	2 51	3 46	0 33	1 59	2 6	33 35	11 34	6 3	6 36	16 16					n.a.
S 4	10 32	17 54	5 10	17 21	2 8	2 29	0 12	23 51	0 27	12 8	1 13	2 58	2 51	3 48	0 33	2 0	2 6	33 35	11 34	6 1	6 35	16 17					n.a.
M 5	10 10	16 7	5 3	16 43	2 5	3 1	0 15	23 56	0 28	12 3	1 13	3 0	2 51	3 49	0 32	2 1	2 6	33 35	11 35	5 58	6 33	16 18					n.a.
T 6	9 49	13 29	4 40	16 2	2 1	3 32	0 18	24 0	0 29	11 58	1 13	3 1	2 51	3 50	0 32	2 1	2 6	33 35	11 35	5 56	6 32	16 19					n.a.
W 7	9 27	10 5	4 2	15 20	1 57	4 4	0 21	24 4	0 30	11 53	1 13	3 3	2 52	3 51	0 32	2 2	2 6	33 35	11 35	5 53	6 31	16 20					n.a.
T 8	9 5	6 6	3 9	14 36	1 53	4 36	0 24	24 8	0 32	11 47	1 13	3 5	2 52	3 52	0 32	2 2	2 6	33 35	11 35	5 51	6 30	16 21					n.a.
F 9	8 43	1 43	2 5	13 51	1 48	5 7	0 28	24 12	0 33	11 42	1 13	3 7	2 52	3 54	0 32	2 3	2 6	33 35	11 36	5 50	6 28	16 22					n.a.
S 10	8 20	2n50	0 51	13 3	1 42	5 38	0 31	24 16	0 35	11 37	1 14	3 8	2 52	3 55	0 32	2 4	2 6	33 35	11 36	5 49	6 27	16 23					n.a.
S 11	7 58	7 16	0s26	12 14	1 36	6 9	0 34	24 19	0 36	11 31	1 14	3 10	2 52	3 56	0 32	2 4	2 6	33 35	11 36	5 49	6 26	16 24					n.a.
M12	7 36	11 18	1 42	11 23	1 30	6 41	0 37	24 22	0 37	11 26	1 14	3 12	2 52	3 57	0 32	2 5	2 6	33 35	11 36	5 49	6 25	16 25					n.a.
T 13	7 13	14 40	2 52	10 31	1 22	7 11	0 40	24 25	0 39	11 21	1 14	3 14	2 52	3 59	0 32	2 6	2 6	33 35	11 37	5 50	6 23	16 25					n.a.
W14	6 50	17 8	3 51	9 37	1 15	7 42	0 44	24 27	0 40	11 16	1 14	3 15	2 52	4 0	0 32	2 6	2 6	33 35	11 37	5 50	6 22	16 26					n.a.
T 15	6 28	18 32	4 36	8 41	1 6	8 13	0 47	24 30	0 42	11 10	1 14	3 17	2 52	4 1	0 32	2 7	2 6	33 35	11 37	5 50	6 21	16 27					n.a.
F 16	6 5	18 46	5 4	7 44	0 58	8 43	0 50	24 32	0 43	11 5	1 14	3 19	2 52	4 2	0 32	2 7	2 6	33 35	11 38	5 50	6 20	16 28					n.a.
S 17	5 42	17 52	5 13	6 46	0 49	9 13	0 53	24 34	0 44	11 0	1 14	3 21	2 53	4 4	0 32	2 8	2 6	33 35	11 38	5 49	6 18	16 29					n.a.
S 18	5 19	15 55	5 4	5 47	0 39	9 43	0 57	24 36	0 46	10 55	1 14	3 23	2 53	4 5	0 32	2 9	2 6	33 35	11 38	5 48	6 17	16 30					n.a.
M19	4 56	13 6	4 39	4 47	0 29	10 13	1 0	24 37	0 47	10 49	1 14	3 24	2 53	4 6	0 32	2 9	2 6	33 36	11 38	5 46	6 16	16 31					n.a.
T 20	4 33	9 39	3 58	3 47	0 19	10 42	1 3	24 39	0 49	10 44	1 14	3 26	2 53	4 8	0 32	2 10	2 6	33 36	11 39	5 45	6 15	16 32					n.a.
W21	4 10	5 46	3 5	2 45	0 8	11 12	1 6	24 40	0 50	10 39	1 14	3 28	2 53	4 9	0 32	2 11	2 6	33 36	11 39	5 43	6 13	16 33					n.a.
T 22	3 47	1 41	2 4	1 44	0n 2	11 40	1 9	24 41	0 52	10 34	1 14	3 30	2 53	4 10	0 32	2 11	2 6	33 36	11 39	5 42	6 12	16 33					n.a.
F 23	3 23	2s24	0 57	0 42	0 13	12 9	1 13	24 41	0 53	10 28	1 14	3 32	2 53	4 12	0 32	2 12	2 6	33 36	11 40	5 42	6 11	16 34					n.a.
S 24	3 0	6 18	0n11	0n19	0 24	12 38	1 16	24 42	0 55	10 23	1 14	3 33	2 53	4 13	0 32	2 13	2 6	33 36	11 40	5 41	6 10	16 35					n.a.
S 25	2 37	9 53	1 18	1 20	0 35	13 6	1 19	24 42	0 56	10 18	1 14	3 35	2 53	4 14	0 32	2 13	2 6	33 36	11 40	5 42	6 8	16 36					n.a.
M26	2 14	12 59	2 20	2 21	0 46	13 33	1 22	24 42	0 58	10 13	1 14	3 37	2 53	4 16	0 32	2 14	2 6	33 36	11 40	5 42	6 7	16 37					n.a.
T 27	1 50	15 30	3 15	3 20	0 56	14 1	1 25	24 42	1 0	10 7	1 14	3 39	2 53	4 17	0 32	2 15	2 6	33 37	11 41	5 43	6 6	16 38					n.a.
W28	1 27	17 22	4 2	4 19	1 7	14 28	1 28	24 41	1 1	10 2	1 14	3 41	2 53	4 18	0 32	2 15	2 6	33 37	11 41	5 43	6 5	16 39					n.a.
T 29	1 4	18 28	4 39	5 16	1 17	14 55	1 31	24 41	1 3	9 57	1 14	3 43	2 53	4 20	0 32	2 16	2 6	33 37	11 41	5 44	6 3	16 39					n.a.
F 30	0 40	18 45	5 4	6 11	1 26	15 21	1 34	24 40	1 4	9 52	1 15	3 44	2 53	4 21	0 32	2 17	2 6	33 37	11 42	5 44	6 2	16 40					n.a.
S 31	0s17	18s12	5n16	7n 5	1n36	15n47	1n37	24s39	1s 6	9s46	1s15	3n46	2n53	4n22	0s32	2n17	2n 6	33s37	11s42	5s44	6s 1	16s41					n.a.

Julian Day Number = 1294505.5, Delta T = 07h56m06s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'32, Lahiri = -20°05'32 Julian Calendar 1 March 1169 BCE == Greg. Calendar 19 Feb. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

APRIL 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 51	0♈15'58	22♉31	15♈54	8♉44	9♉13	8♓27	27°R 7	12♈10	29°R 5	21♉29	14°R17	14♎59	28♏33	n.a.	S 1
M 2	11 58 47	1°13'45	5♒13	17°43	9°53	9°54	8°40	27♍ 3	12°14	29♍ 3	21°30	14♎16	14°56	28°40	n.a.	M 2
T 3	12 2 44	2°11'30	18°16	19°29	11° 3	10°36	8°54	26°58	12°17	29° 1	21°31	14°14	14°53	28°46	n.a.	T 3
W 4	12 6 40	3° 9'14	1♓42	21°12	12°12	11°17	9° 8	26°54	12°21	29° 0	21°32	14°13	14°49	28°53	n.a.	W 4
T 5	12 10 37	4° 6'57	15°31	22°51	13°21	11°58	9°22	26°50	12°24	28°58	21°32	14°12	14°46	29° 0	n.a.	T 5
F 6	12 14 33	5° 4'38	29°41	24°27	14°30	12°40	9°35	26°45	12°27	28°57	21°33	14°11	14°43	29° 6	n.a.	F 6
S 7	12 18 30	6° 2'18	14♈ 8	26° 0	15°39	13°21	9°49	26°41	12°31	28°55	21°33	14°D11	14°40	29°13	n.a.	S 7
S 8	12 22 26	6°59'56	28°46	27°29	16°47	14° 2	10° 2	26°36	12°34	28°53	21°34	14°11	14°37	29°20	n.a.	S 8
M 9	12 26 23	7°57'33	13♉28	28°55	17°56	14°43	10°16	26°32	12°38	28°52	21°35	14°11	14°33	29°26	n.a.	M 9
T 10	12 30 20	8°55'08	28° 8	0♉16	19° 4	15°25	10°29	26°28	12°41	28°50	21°35	14°12	14°30	29°33	n.a.	T 10
W11	12 34 16	9°52'42	12♊41	1°35	20°13	16° 6	10°43	26°23	12°45	28°48	21°36	14°12	14°27	29°40	n.a.	W11
T 12	12 38 13	10°50'14	27° 2	2°49	21°21	16°47	10°56	26°19	12°48	28°47	21°36	14°12	14°24	29°46	n.a.	T 12
F 13	12 42 9	11°47'45	11♋ 8	4° 0	22°29	17°27	11°10	26°15	12°52	28°45	21°37	14°R13	14°21	29°53	n.a.	F 13
S 14	12 46 6	12°45'14	24°58	5° 7	23°37	18° 8	11°23	26°11	12°55	28°44	21°37	14°13	14°18	29°59	n.a.	S 14
S 15	12 50 2	13°42'41	8♌31	6°10	24°45	18°49	11°36	26° 7	12°59	28°42	21°38	14°D12	14°14	0♐ 7	n.a.	S 15
M16	12 53 59	14°40'07	21°47	7° 9	25°52	19°30	11°49	26° 2	13° 2	28°41	21°38	14°12	14°11	0°13	n.a.	M16
T 17	12 57 55	15°37'32	4♍49	8° 4	27° 0	20°10	12° 2	25°58	13° 6	28°39	21°39	14°13	14° 8	0°20	n.a.	T 17
W18	13 1 52	16°34'55	17°36	8°55	28° 7	20°51	12°15	25°54	13° 9	28°38	21°39	14°13	14° 5	0°27	n.a.	W18
T 19	13 5 48	17°32'17	0♎10	9°42	29°14	21°31	12°28	25°50	13°13	28°36	21°39	14°13	14° 2	0°33	n.a.	T 19
F 20	13 9 45	18°29'37	12°32	10°25	0♊21	22°12	12°41	25°46	13°16	28°35	21°40	14°R13	13°59	0°40	n.a.	F 20
S 21	13 13 42	19°26'57	24°44	11° 3	1°28	22°52	12°54	25°42	13°20	28°33	21°40	14°13	13°55	0°47	n.a.	S 21
S 22	13 17 38	20°24'15	6♏47	11°37	2°35	23°32	13° 7	25°39	13°23	28°32	21°40	14°13	13°52	0°53	n.a.	S 22
M23	13 21 35	21°21'33	18°44	12° 7	3°41	24°12	13°20	25°35	13°27	28°30	21°41	14°12	13°49	1° 0	n.a.	M23
T 24	13 25 31	22°18'50	0♐36	12°32	4°48	24°52	13°32	25°31	13°30	28°29	21°41	14°11	13°46	1° 7	n.a.	T 24
W25	13 29 28	23°16'06	12°26	12°52	5°54	25°32	13°45	25°27	13°33	28°27	21°41	14°10	13°43	1°13	n.a.	W25
T 26	13 33 24	24°13'22	24°19	13° 8	7° 0	26°12	13°58	25°24	13°37	28°26	21°41	14° 8	13°39	1°20	n.a.	T 26
F 27	13 37 21	25°10'36	6♑16	13°19	8° 5	26°52	14°10	25°20	13°40	28°24	21°41	14° 7	13°36	1°27	n.a.	F 27
S 28	13 41 18	26° 7'51	18°23	13°26	9°11	27°31	14°23	25°17	13°44	28°23	21°41	14° 7	13°33	1°33	n.a.	S 28
S 29	13 45 14	27° 5'04	0♒44	13°R28	10°16	28°11	14°35	25°13	13°47	28°21	21°42	14°D 7	13°30	1°40	n.a.	S 29
M30	13 49 11	28♈ 2'17	13♒23	13♉26	11♊22	28♉50	14♓47	25♍10	13♈51	28♍20	21♉42	14♎ 7	13♎27	1♐47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 6	16s46	5n13	7n57	1n44	16n13	1n40	24s38	1s 7	9s41	1s15	3n48	2n53	4n24	0s32	2n18	2n 6	33s37	11s42	5s43	6s 0	16s42		n.a.
M 2	0 30	14 30	4 56	8 48	1 53	16 38	1 43	24 36	1 9	9 36	1 15	3 50	2 53	4 25	0 32	2 19	2 6	33 38	11 43	5 43	5 58	16 43		n.a.
T 3	0 53	11 27	4 23	9 36	2 0	17 3	1 46	24 35	1 11	9 31	1 15	3 51	2 53	4 27	0 32	2 19	2 6	33 38	11 43	5 42	5 57	16 44		n.a.
W 4	1 16	7 43	3 34	10 22	2 7	17 28	1 48	24 33	1 12	9 26	1 15	3 53	2 53	4 28	0 32	2 20	2 6	33 38	11 43	5 42	5 56	16 45		n.a.
T 5	1 40	3 28	2 32	11 5	2 14	17 52	1 51	24 31	1 14	9 21	1 15	3 55	2 53	4 29	0 32	2 21	2 6	33 38	11 44	5 41	5 55	16 45		n.a.
F 6	2 3	1n 5	1 20	11 47	2 19	18 15	1 54	24 28	1 16	9 15	1 15	3 57	2 53	4 31	0 32	2 21	2 6	33 38	11 44	5 41	5 53	16 46		n.a.
S 7	2 26	5 40	0 0	12 26	2 24	18 39	1 56	24 26	1 17	9 10	1 15	3 58	2 53	4 32	0 32	2 22	2 6	33 39	11 44	5 41	5 52	16 47		n.a.
S 8	2 49	9 58	1s20	13 3	2 28	19 1	1 59	24 23	1 19	9 5	1 15	4 0	2 53	4 33	0 32	2 23	2 6	33 39	11 45	5 41	5 51	16 48		n.a.
M 9	3 12	13 40	2 36	13 37	2 31	19 24	2 1	24 20	1 21	9 0	1 15	4 2	2 53	4 35	0 32	2 23	2 6	33 39	11 45	5 41	5 50	16 49		n.a.
T 10	3 35	16 29	3 41	14 9	2 34	19 45	2 4	24 17	1 22	8 55	1 15	4 4	2 53	4 36	0 32	2 24	2 6	33 39	11 45	5 41	5 48	16 49		n.a.
W11	3 58	18 13	4 31	14 38	2 36	20 7	2 6	24 14	1 24	8 50	1 16	4 5	2 52	4 38	0 32	2 24	2 6	33 39	11 46	5 41	5 47	16 50		n.a.
T 12	4 21	18 45	5 3	15 6	2 36	20 28	2 9	24 11	1 26	8 45	1 16	4 7	2 52	4 39	0 32	2 25	2 6	33 40	11 46	5 41	5 46	16 51		n.a.
F 13	4 44	18 5	5 17	15 30	2 36	20 48	2 11	24 7	1 28	8 40	1 16	4 9	2 52	4 40	0 32	2 26	2 6	33 40	11 46	5 42	5 45	16 52		n.a.
S 14	5 7	16 22	5 12	15 52	2 35	21 8	2 13	24 3	1 29	8 35	1 16	4 10	2 52	4 42	0 32	2 26	2 6	33 40	11 47	5 41	5 43	16 53		n.a.
S 15	5 30	13 46	4 49	16 12	2 34	21 27	2 15	23 59	1 31	8 30	1 16	4 12	2 52	4 43	0 32	2 27	2 6	33 40	11 47	5 41	5 42	16 54		n.a.
M16	5 52	10 30	4 12	16 30	2 31	21 46	2 17	23 55	1 33	8 25	1 16	4 13	2 52	4 44	0 32	2 28	2 6	33 41	11 47	5 41	5 41	16 54		n.a.
T 17	6 15	6 47	3 22	16 45	2 27	22 4	2 19	23 51	1 35	8 20	1 16	4 15	2 52	4 46	0 32	2 28	2 6	33 41	11 48	5 42	5 40	16 55		n.a.
W18	6 37	2 48	2 23	16 57	2 23	22 21	2 21	23 46	1 37	8 15	1 16	4 16	2 52	4 47	0 32	2 29	2 6	33 41	11 48	5 42	5 38	16 56		n.a.
T 19	7 0	1s15	1 17	17 8	2 18	22 38	2 23	23 42	1 38	8 10	1 16	4 18	2 52	4 49	0 32	2 29	2 6	33 41	11 48	5 42	5 37	16 57		n.a.
F 20	7 22	5 10	0 9	17 16	2 11	22 55	2 25	23 37	1 40	8 5	1 17	4 19	2 52	4 50	0 32	2 30	2 6	33 42	11 49	5 42	5 36	16 58		n.a.
S 21	7 44	8 50	0n58	17 21	2 4	23 11	2 26	23 32	1 42	8 0	1 17	4 21	2 51	4 51	0 32	2 31	2 6	33 42	11 49	5 42	5 35	16 58		n.a.
S 22	8 6	12 5	2 2	17 24	1 56	23 26	2 28	23 27	1 44	7 55	1 17	4 22	2 51	4 53	0 32	2 31	2 6	33 42	11 49	5 42	5 33	16 59		n.a.
M23	8 28	14 48	3 0	17 25	1 47	23 41	2 29	23 21	1 46	7 50	1 17	4 24	2 51	4 54	0 32	2 32	2 6	33 43	11 50	5 41	5 32	17 0		n.a.
T 24	8 49	16 52	3 50	17 23	1 37	23 55	2 31	23 16	1 47	7 45	1 17	4 25	2 51	4 55	0 32	2 32	2 6	33 43	11 50	5 41	5 31	17 1		n.a.
W25	9 11	18 12	4 30	17 19	1 26	24 8	2 32	23 10	1 49	7 41	1 17	4 27	2 51	4 57	0 32	2 33	2 6	33 43	11 50	5 40	5 30	17 1		n.a.
T 26	9 33	18 45	4 58	17 13	1 14	24 21	2 33	23 4	1 51	7 36	1 17	4 28	2 51	4 58	0 32	2 33	2 6	33 43	11 51	5 40	5 28	17 2		n.a.
F 27	9 54	18 27	5 14	17 4	1 2	24 33	2 34	22 59	1 53	7 31	1 18	4 29	2 51	5 0	0 32	2 34	2 6	33 44	11 51	5 40	5 27	17 3		n.a.
S 28	10 15	17 20	5 16	16 54	0 48	24 45	2 35	22 52	1 55	7 26	1 18	4 30	2 50	5 1	0 32	2 34	2 6	33 44	11 51	5 39	5 26	17 4		n.a.
S 29	10 36	15 23	5 4	16 41	0 34	24 56	2 36	22 46	1 57	7 22	1 18	4 32	2 50	5 2	0 32	2 35	2 6	33 44	11 52	5 39	5 25	17 4		n.a.
M30	10n57	12s40	4n36	16n26	0n19	25n 6	2n37	22s40	1s59	7s17	1s18	4n33	2n50	5n 4	0s32	2n36	2n 6	33s45	11s52	5s39	5s23	17s 5		n.a.

Julian Day Number = 1294536.5, Delta T = 07h56m05s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'28, Lahiri = -20°05'27 Julian Calendar 1 Apr. 1169 BCE == Greg. Calendar 21 March 1169 BCE

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

MAY 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 7	28♈59'30	26♒23	13°R19	12♊27	29♉30	14♓59	25°R 6	13♈54	28°R19	21♉42	14♎ 8	13♎24	1♐54	n.a.	T 1
W 2	13 57 4	29°56'42	9♓48	13♉ 8	13°32	0♒ 9	15°12	25♍ 3	13°57	28♍17	21°42	14° 9	13°20	2° 0	n.a.	W 2
T 3	14 1 0	0♉53'53	23°39	12°53	14°36	0°48	15°24	25° 0	14° 1	28°16	21°R42	14°10	13°17	2° 7	n.a.	T 3
F 4	14 4 57	1°51'05	7♈56	12°34	15°41	1°27	15°36	24°57	14° 4	28°15	21°42	14°R11	13°14	2°14	n.a.	F 4
S 5	14 8 53	2°48'15	22°35	12°12	16°45	2° 6	15°48	24°54	14° 7	28°14	21°42	14°11	13°11	2°20	n.a.	S 5
S 6	14 12 50	3°45'26	7♉30	11°46	17°49	2°44	15°59	24°51	14°11	28°12	21°42	14°10	13° 8	2°27	n.a.	S 6
M 7	14 16 47	4°42'35	22°33	11°18	18°52	3°23	16°11	24°48	14°14	28°11	21°42	14° 8	13° 4	2°34	n.a.	M 7
T 8	14 20 43	5°39'44	7♊37	10°48	19°56	4° 1	16°23	24°45	14°17	28°10	21°41	14° 6	13° 1	2°40	n.a.	T 8
W 9	14 24 40	6°36'53	22°30	10°15	20°59	4°40	16°34	24°42	14°21	28° 9	21°41	14° 3	12°58	2°47	n.a.	W 9
T 10	14 28 36	7°34'01	7♋ 8	9°42	22° 2	5°18	16°46	24°39	14°24	28° 7	21°41	14° 0	12°55	2°54	n.a.	T 10
F 11	14 32 33	8°31'08	21°24	9° 8	23° 5	5°56	16°57	24°37	14°27	28° 6	21°41	13°58	12°52	3° 0	n.a.	F 11
S 12	14 36 29	9°28'14	5♌16	8°33	24° 7	6°33	17° 9	24°34	14°30	28° 5	21°41	13°D57	12°49	3° 7	n.a.	S 12
S 13	14 40 26	10°25'20	18°44	8° 0	25° 9	7°11	17°20	24°32	14°34	28° 4	21°41	13°58	12°45	3°14	n.a.	S 13
M14	14 44 22	11°22'25	1♍51	7°27	26°11	7°48	17°31	24°29	14°37	28° 3	21°40	13°59	12°42	3°21	n.a.	M14
T 15	14 48 19	12°19'30	14°38	6°56	27°13	8°26	17°42	24°27	14°40	28° 2	21°40	14° 0	12°39	3°27	n.a.	T 15
W16	14 52 16	13°16'34	27°10	6°27	28°14	9° 3	17°53	24°25	14°43	28° 1	21°40	14° 2	12°36	3°34	n.a.	W16
T 17	14 56 12	14°13'37	9♎28	6° 1	29°15	9°40	18° 4	24°23	14°46	28° 0	21°39	14°R 3	12°33	3°41	n.a.	T 17
F 18	15 0 9	15°10'40	21°36	5°38	0♋16	10°17	18°14	24°21	14°50	27°59	21°39	14° 2	12°30	3°47	n.a.	F 18
S 19	15 4 5	16° 7'43	3♏37	5°18	1°16	10°53	18°25	24°19	14°53	27°58	21°39	14° 1	12°26	3°54	n.a.	S 19
S 20	15 8 2	17° 4'46	15°32	5° 3	2°16	11°30	18°36	24°17	14°56	27°57	21°38	13°58	12°23	4° 1	n.a.	S 20
M21	15 11 58	18° 1'49	27°25	4°51	3°16	12° 6	18°46	24°15	14°59	27°56	21°38	13°53	12°20	4° 7	n.a.	M21
T 22	15 15 55	18°58'52	9♐16	4°44	4°15	12°42	18°56	24°14	15° 2	27°55	21°37	13°47	12°17	4°14	n.a.	T 22
W23	15 19 51	19°55'55	21° 7	4°D42	5°14	13°18	19° 7	24°12	15° 5	27°54	21°37	13°41	12°14	4°21	n.a.	W23
T 24	15 23 48	20°52'58	3♑ 1	4°44	6°12	13°54	19°17	24°10	15° 8	27°53	21°36	13°34	12°10	4°27	n.a.	T 24
F 25	15 27 45	21°50'02	15° 1	4°51	7°10	14°29	19°27	24° 9	15°11	27°53	21°36	13°29	12° 7	4°34	n.a.	F 25
S 26	15 31 41	22°47'06	27° 9	5° 4	8° 8	15° 4	19°37	24° 8	15°14	27°52	21°35	13°24	12° 4	4°41	n.a.	S 26
S 27	15 35 38	23°44'10	9♒29	5°21	9° 5	15°39	19°46	24° 6	15°17	27°51	21°35	13°22	12° 1	4°48	n.a.	S 27
M28	15 39 34	24°41'14	22° 5	5°43	10° 2	16°14	19°56	24° 5	15°19	27°50	21°34	13°D20	11°58	4°54	n.a.	M28
T 29	15 43 31	25°38'19	5♓ 0	6°10	10°58	16°49	20° 6	24° 4	15°22	27°50	21°34	13°21	11°55	5° 1	n.a.	T 29
W30	15 47 27	26°35'24	18°19	6°43	11°54	17°23	20°15	24° 3	15°25	27°49	21°33	13°22	11°51	5° 8	n.a.	W30
T 31	15 51 24	27♉32'30	2♈ 4	7♉20	12♋49	17♒57	20♓25	24♍ 2	15♈28	27♍48	21♉32	13♎23	11♎48	5♐14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n18	9s15	3n55	16n 9	0n 4	25n16	2n38	22s33	2s 1	7s12	1s18	4n34	2n50	5n 5	0s32	2n36	2n 6	33s45	11s52	5s40	5s22	17s 6			n.a.
W 2	11 38	5 16	2 59	15 51	0s12	25 25	2 38	22 27	2 3	7 8	1 18	4 35	2 50	5 6	0 32	2 37	2 6	33 45	11 53	5 40	5 21	17 7			n.a.
T 3	11 58	0 52	1 51	15 31	0 28	25 33	2 38	22 20	2 5	7 3	1 18	4 36	2 50	5 8	0 32	2 37	2 6	33 46	11 53	5 41	5 20	17 7			n.a.
F 4	12 19	3n43	0 35	15 9	0 45	25 41	2 39	22 13	2 7	6 58	1 19	4 38	2 49	5 9	0 32	2 38	2 6	33 46	11 53	5 41	5 18	17 8			n.a.
S 5	12 39	8 13	0s46	14 46	1 2	25 48	2 39	22 6	2 8	6 54	1 19	4 39	2 49	5 10	0 32	2 38	2 6	33 46	11 54	5 41	5 17	17 9			n.a.
S 6	12 58	12 16	2 5	14 22	1 18	25 54	2 39	21 59	2 10	6 49	1 19	4 40	2 49	5 12	0 32	2 39	2 6	33 47	11 54	5 41	5 16	17 10			n.a.
M 7	13 18	15 33	3 16	13 58	1 35	26 0	2 39	21 52	2 12	6 45	1 19	4 41	2 49	5 13	0 32	2 39	2 6	33 47	11 54	5 40	5 15	17 10			n.a.
T 8	13 37	17 46	4 13	13 32	1 52	26 5	2 39	21 44	2 14	6 40	1 19	4 42	2 49	5 14	0 32	2 39	2 6	33 47	11 55	5 39	5 13	17 11			n.a.
W 9	13 57	18 45	4 53	13 7	2 8	26 9	2 39	21 37	2 16	6 36	1 19	4 43	2 49	5 15	0 32	2 40	2 6	33 48	11 55	5 38	5 12	17 12			n.a.
T 10	14 16	18 26	5 12	12 42	2 23	26 13	2 38	21 29	2 18	6 32	1 20	4 43	2 48	5 17	0 32	2 40	2 6	33 48	11 55	5 37	5 11	17 13			n.a.
F 11	14 34	16 58	5 12	12 17	2 38	26 16	2 38	21 22	2 20	6 27	1 20	4 44	2 48	5 18	0 32	2 41	2 6	33 49	11 56	5 36	5 10	17 13			n.a.
S 12	14 53	14 31	4 53	11 52	2 52	26 19	2 37	21 14	2 22	6 23	1 20	4 45	2 48	5 19	0 32	2 41	2 5	33 49	11 56	5 36	5 8	17 14			n.a.
S 13	15 11	11 21	4 19	11 29	3 5	26 21	2 36	21 6	2 24	6 19	1 20	4 46	2 48	5 21	0 32	2 42	2 5	33 49	11 56	5 36	5 7	17 15			n.a.
M14	15 29	7 42	3 31	11 7	3 17	26 22	2 35	20 58	2 27	6 14	1 20	4 47	2 47	5 22	0 32	2 42	2 5	33 50	11 57	5 36	5 6	17 16			n.a.
T 15	15 47	3 46	2 34	10 47	3 28	26 22	2 34	20 50	2 29	6 10	1 20	4 47	2 47	5 23	0 32	2 42	2 5	33 50	11 57	5 37	5 5	17 16			n.a.
W16	16 5	0s15	1 31	10 28	3 38	26 22	2 33	20 42	2 31	6 6	1 21	4 48	2 47	5 24	0 32	2 43	2 5	33 50	11 57	5 37	5 3	17 17			n.a.
T 17	16 22	4 12	0 25	10 12	3 46	26 21	2 32	20 34	2 33	6 2	1 21	4 49	2 47	5 25	0 32	2 43	2 5	33 51	11 58	5 38	5 2	17 18			n.a.
F 18	16 39	7 55	0n41	9 58	3 53	26 20	2 30	20 26	2 35	5 58	1 21	4 49	2 47	5 27	0 32	2 43	2 5	33 51	11 58	5 38	5 1	17 18			n.a.
S 19	16 56	11 17	1 45	9 46	3 58	26 18	2 28	20 18	2 37	5 54	1 21	4 50	2 46	5 28	0 32	2 44	2 5	33 51	11 58	5 37	5 0	17 19			n.a.
S 20	17 13	14 9	2 44	9 37	4 2	26 15	2 26	20 9	2 39	5 50	1 21	4 50	2 46	5 29	0 32	2 44	2 5	33 52	11 59	5 36	4 58	17 20			n.a.
M21	17 29	16 25	3 35	9 30	4 5	26 12	2 24	20 1	2 41	5 46	1 22	4 51	2 46	5 30	0 32	2 44	2 5	33 52	11 59	5 34	4 57	17 20			n.a.
T 22	17 45	17 59	4 16	9 26	4 7	26 8	2 22	19 52	2 43	5 42	1 22	4 51	2 46	5 32	0 32	2 45	2 5	33 53	11 59	5 32	4 56	17 21			n.a.
W23	18 1	18 45	4 47	9 25	4 7	26 3	2 20	19 44	2 45	5 38	1 22	4 52	2 45	5 33	0 32	2 45	2 5	33 53	12 0	5 29	4 55	17 22			n.a.
T 24	18 16	18 43	5 5	9 27	4 6	25 58	2 18	19 35	2 47	5 34	1 22	4 52	2 45	5 34	0 32	2 45	2 5	33 53	12 0	5 26	4 53	17 23			n.a.
F 25	18 31	17 50	5 10	9 32	4 4	25 53	2 15	19 27	2 49	5 30	1 22	4 53	2 45	5 35	0 32	2 46	2 5	33 54	12 0	5 24	4 52	17 23			n.a.
S 26	18 46	16 8	5 2	9 39	4 1	25 46	2 12	19 18	2 52	5 26	1 23	4 53	2 45	5 36	0 32	2 46	2 5	33 54	12 1	5 23	4 51	17 24			n.a.
S 27	19 1	13 41	4 39	9 49	3 56	25 40	2 9	19 10	2 54	5 23	1 23	4 53	2 44	5 37	0 32	2 46	2 5	33 55	12 1	5 21	4 49	17 25			n.a.
M28	19 15	10 33	4 2	10 1	3 51	25 32	2 6	19 1	2 56	5 19	1 23	4 53	2 44	5 38	0 32	2 46	2 5	33 55	12 1	5 21	4 48	17 25			n.a.
T 29	19 29	6 51	3 13	10 16	3 45	25 24	2 3	18 52	2 58	5 15	1 23	4 54	2 44	5 39	0 32	2 47	2 5	33 55	12 1	5 21	4 47	17 26			n.a.
W30	19 43	2 41	2 12	10 34	3 37	25 16	1 59	18 44	3 0	5 12	1 23	4 54	2 44	5 41	0 32	2 47	2 5	33 56	12 2	5 22	4 46	17 27			n.a.
T 31	19n56	1n46	1n 1	10n53	3s29	25n 7	1n55	18s35	3s 2	5s 8	1s24	4n54	2n43	5n42	0s32	2n47	2n 4	33s56	12s 2	5s22	4s44	17s27			n.a.

Julian Day Number = 1294566.5, Delta T = 07h56m03s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'24, Lahiri = -20°05'23 Julian Calendar 1 May 1169 BCE == Greg. Calendar 20 Apr. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

JUNE 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 55 21	28♉29'37	16♈16	8♉ 2	13♋44	18♒31	20♓34	24°R 2	15♈31	27°R48	21°R32	13°R24	11♎45	5♐21	n.a.	F 1
S 2	15 59 17	29°26'44	0♉54	8°49	14°39	19° 5	20°43	24♍ 1	15°33	27♍47	21♑31	13♎22	11°42	5°28	n.a.	S 2
S 3	16 3 14	0♊23'52	15°52	9°41	15°33	19°38	20°52	24° 0	15°36	27°47	21°30	13°19	11°39	5°34	n.a.	S 3
M 4	16 7 10	1°21'00	1♊ 5	10°38	16°26	20°11	21° 1	24° 0	15°39	27°46	21°30	13°14	11°35	5°41	n.a.	M 4
T 5	16 11 7	2°18'09	16°21	11°39	17°19	20°44	21° 9	24° 0	15°42	27°46	21°29	13° 7	11°32	5°48	n.a.	T 5
W 6	16 15 3	3°15'18	1♋30	12°45	18°11	21°16	21°18	23°59	15°44	27°45	21°28	13° 0	11°29	5°55	n.a.	W 6
T 7	16 19 0	4°12'27	16°22	13°55	19° 2	21°48	21°26	23°59	15°47	27°45	21°27	12°53	11°26	6° 1	n.a.	T 7
F 8	16 22 56	5° 9'37	0♌50	15°10	19°53	22°20	21°35	23°D59	15°49	27°44	21°27	12°47	11°23	6° 8	n.a.	F 8
S 9	16 26 53	6° 6'47	14°50	16°30	20°43	22°52	21°43	23°59	15°52	27°44	21°26	12°43	11°20	6°15	n.a.	S 9
S 10	16 30 50	7° 3'57	28°22	17°54	21°33	23°23	21°51	23°59	15°54	27°44	21°25	12°41	11°16	6°21	n.a.	S 10
M11	16 34 46	8° 1'08	11♍27	19°22	22°22	23°54	21°59	23°59	15°57	27°43	21°24	12°D41	11°13	6°28	n.a.	M11
T 12	16 38 43	8°58'19	24° 9	20°54	23°10	24°24	22° 7	24° 0	15°59	27°43	21°23	12°42	11°10	6°35	n.a.	T 12
W13	16 42 39	9°55'30	6♎33	22°30	23°57	24°55	22°14	24° 0	16° 1	27°43	21°22	12°R42	11° 7	6°41	n.a.	W13
T 14	16 46 36	10°52'42	18°42	24°10	24°44	25°24	22°22	24° 1	16° 4	27°43	21°21	12°42	11° 4	6°48	n.a.	T 14
F 15	16 50 32	11°49'55	0♏42	25°53	25°29	25°54	22°29	24° 1	16° 6	27°42	21°20	12°41	11° 1	6°55	n.a.	F 15
S 16	16 54 29	12°47'08	12°36	27°40	26°14	26°23	22°36	24° 2	16° 8	27°42	21°20	12°37	10°57	7° 2	n.a.	S 16
S 17	16 58 25	13°44'22	24°27	29°30	26°58	26°52	22°43	24° 3	16°11	27°42	21°19	12°30	10°54	7° 8	n.a.	S 17
M18	17 2 22	14°41'37	6♐17	1♊23	27°41	27°20	22°50	24° 3	16°13	27°42	21°18	12°21	10°51	7°15	n.a.	M18
T 19	17 6 19	15°38'52	18°10	3°19	28°23	27°48	22°57	24° 4	16°15	27°42	21°17	12°11	10°48	7°22	n.a.	T 19
W20	17 10 15	16°36'09	0♑ 5	5°17	29° 4	28°16	23° 3	24° 6	16°17	27°D42	21°16	11°59	10°45	7°28	n.a.	W20
T 21	17 14 12	17°33'27	12° 5	7°17	29°44	28°43	23°10	24° 7	16°19	27°42	21°15	11°47	10°41	7°35	n.a.	T 21
F 22	17 18 8	18°30'45	24°11	9°19	0♌22	29°10	23°16	24° 8	16°21	27°42	21°14	11°36	10°38	7°42	n.a.	F 22
S 23	17 22 5	19°28'05	6♒25	11°22	1° 0	29°37	23°22	24° 9	16°23	27°42	21°12	11°27	10°35	7°48	n.a.	S 23
S 24	17 26 1	20°25'26	18°49	13°25	1°37	0♓ 3	23°28	24°11	16°25	27°42	21°11	11°21	10°32	7°55	n.a.	S 24
M25	17 29 58	21°22'48	1♓26	15°30	2°12	0°28	23°34	24°12	16°27	27°42	21°10	11°17	10°29	8° 2	n.a.	M25
T 26	17 33 55	22°20'12	14°20	17°35	2°46	0°53	23°40	24°14	16°29	27°43	21° 9	11°15	10°26	8° 9	n.a.	T 26
W27	17 37 51	23°17'37	27°34	19°40	3°19	1°18	23°45	24°16	16°31	27°43	21° 8	11°D15	10°22	8°15	n.a.	W27
T 28	17 41 48	24°15'04	11♈10	21°45	3°50	1°42	23°50	24°17	16°32	27°43	21° 7	11°R15	10°19	8°22	n.a.	T 28
F 29	17 45 44	25°12'32	25°12	23°49	4°20	2° 6	23°56	24°19	16°34	27°43	21° 6	11°15	10°16	8°29	n.a.	F 29
S 30	17 49 41	26♊10'02	9♉39	25♊53	4♌48	2♓29	24♓ 1	24♍21	16♈36	27♍44	21♑ 5	11♎12	10♎13	8♐35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 9	6n16	0s16	11n15	3s21	24n57	1n52	18s26	3s 5	5s 5	1s24	4n54	2n43	5n43	0s32	2n47	2n 4	33s57	12s 2	5s22	4s43	17s28		n.a.
S 2	20 22	10 31	1 33	11 39	3 11	24 47	1 47	18 18	3 7	5 1	1 24	4 54	2 43	5 44	0 32	2 47	2 4	33 57	12 3	5 22	4 42	17 29		n.a.
S 3	20 34	14 13	2 46	12 5	3 1	24 37	1 43	18 9	3 9	4 58	1 24	4 54	2 43	5 45	0 32	2 48	2 4	33 57	12 3	5 20	4 41	17 29		n.a.
M 4	20 46	16 59	3 48	12 33	2 51	24 26	1 39	18 0	3 11	4 55	1 25	4 54	2 42	5 46	0 32	2 48	2 4	33 58	12 3	5 18	4 39	17 30		n.a.
T 5	20 58	18 34	4 35	13 3	2 39	24 15	1 34	17 52	3 13	4 51	1 25	4 54	2 42	5 47	0 32	2 48	2 4	33 58	12 3	5 16	4 38	17 31		n.a.
W 6	21 9	18 48	5 1	13 34	2 28	24 3	1 29	17 43	3 16	4 48	1 25	4 54	2 42	5 48	0 32	2 48	2 4	33 59	12 4	5 13	4 37	17 31		n.a.
T 7	21 20	17 44	5 7	14 7	2 16	23 51	1 24	17 35	3 18	4 45	1 25	4 53	2 42	5 49	0 32	2 48	2 4	33 59	12 4	5 10	4 36	17 32		n.a.
F 8	21 31	15 33	4 52	14 41	2 4	23 38	1 19	17 26	3 20	4 42	1 26	4 53	2 41	5 50	0 32	2 48	2 4	33 59	12 4	5 8	4 34	17 33		n.a.
S 9	21 41	12 30	4 21	15 16	1 51	23 25	1 14	17 18	3 22	4 39	1 26	4 53	2 41	5 51	0 32	2 48	2 4	34 0	12 5	5 6	4 33	17 33		n.a.
S 10	21 51	8 53	3 35	15 52	1 38	23 11	1 8	17 9	3 24	4 36	1 26	4 53	2 41	5 52	0 32	2 48	2 4	34 0	12 5	5 5	4 32	17 34		n.a.
M11	22 0	4 56	2 40	16 29	1 25	22 58	1 2	17 1	3 27	4 33	1 26	4 52	2 41	5 53	0 32	2 48	2 4	34 1	12 5	5 5	4 31	17 34		n.a.
T 12	22 9	0 52	1 38	17 6	1 12	22 43	0 56	16 53	3 29	4 30	1 26	4 52	2 40	5 54	0 32	2 48	2 4	34 1	12 5	5 6	4 29	17 35		n.a.
W13	22 18	3s 9	0 33	17 44	1 0	22 29	0 50	16 44	3 31	4 27	1 27	4 52	2 40	5 55	0 32	2 49	2 4	34 1	12 6	5 6	4 28	17 36		n.a.
T 14	22 27	6 57	0n32	18 22	0 47	22 14	0 43	16 36	3 33	4 24	1 27	4 51	2 40	5 56	0 32	2 49	2 4	34 2	12 6	5 6	4 27	17 36		n.a.
F 15	22 35	10 26	1 35	19 0	0 34	21 59	0 36	16 28	3 36	4 22	1 27	4 51	2 39	5 56	0 32	2 49	2 4	34 2	12 6	5 5	4 26	17 37		n.a.
S 16	22 42	13 27	2 33	19 37	0 21	21 44	0 29	16 20	3 38	4 19	1 27	4 50	2 39	5 57	0 32	2 49	2 3	34 3	12 6	5 4	4 24	17 38		n.a.
S 17	22 49	15 54	3 24	20 14	0 9	21 28	0 22	16 12	3 40	4 16	1 28	4 50	2 39	5 58	0 32	2 49	2 3	34 3	12 7	5 1	4 23	17 38		n.a.
M18	22 56	17 41	4 6	20 49	0n 3	21 12	0 15	16 4	3 42	4 14	1 28	4 49	2 39	5 59	0 32	2 49	2 3	34 3	12 7	4 58	4 22	17 39		n.a.
T 19	23 3	18 42	4 37	21 24	0 14	20 56	0 7	15 56	3 45	4 11	1 28	4 48	2 38	6 0	0 32	2 48	2 3	34 4	12 7	4 53	4 20	17 39		n.a.
W20	23 9	18 54	4 56	21 57	0 25	20 40	0s 1	15 48	3 47	4 9	1 29	4 48	2 38	6 1	0 32	2 48	2 3	34 4	12 7	4 49	4 19	17 40		n.a.
T 21	23 14	18 15	5 3	22 28	0 36	20 24	0 9	15 41	3 49	4 7	1 29	4 47	2 38	6 1	0 32	2 48	2 3	34 5	12 7	4 44	4 18	17 41		n.a.
F 22	23 20	16 47	4 55	22 57	0 46	20 7	0 17	15 33	3 52	4 4	1 29	4 46	2 38	6 2	0 32	2 48	2 3	34 5	12 8	4 40	4 17	17 41		n.a.
S 23	23 24	14 33	4 35	23 25	0 55	19 50	0 26	15 26	3 54	4 2	1 29	4 45	2 37	6 3	0 32	2 48	2 3	34 5	12 8	4 36	4 15	17 42		n.a.
S 24	23 29	11 37	4 1	23 50	1 3	19 33	0 35	15 19	3 56	4 0	1 30	4 45	2 37	6 4	0 32	2 48	2 3	34 6	12 8	4 34	4 14	17 42		n.a.
M25	23 33	8 7	3 15	24 12	1 11	19 17	0 44	15 12	3 58	3 58	1 30	4 44	2 37	6 4	0 32	2 48	2 3	34 6	12 8	4 32	4 13	17 43		n.a.
T 26	23 36	4 9	2 18	24 32	1 18	19 0	0 54	15 5	4 1	3 56	1 30	4 43	2 37	6 5	0 32	2 48	2 3	34 7	12 8	4 31	4 12	17 44		n.a.
W27	23 39	0n 7	1 12	24 49	1 24	18 43	1 3	14 58	4 3	3 54	1 30	4 42	2 36	6 6	0 32	2 48	2 3	34 7	12 9	4 31	4 10	17 44		n.a.
T 28	23 42	4 30	0 0	25 4	1 30	18 26	1 13	14 51	4 5	3 52	1 31	4 41	2 36	6 6	0 32	2 48	2 3	34 7	12 9	4 31	4 9	17 45		n.a.
F 29	23 45	8 46	1s13	25 16	1 35	18 9	1 23	14 44	4 8	3 50	1 31	4 40	2 36	6 7	0 32	2 47	2 3	34 8	12 9	4 31	4 8	17 45		n.a.
S 30	23n46	12n39	2s24	25n25	1n39	17n52	1s34	14s38	4s10	3s49	1s31	4n39	2n35	6n 8	0s32	2n47	2n 3	34s 8	12s 9	4s30	4s 7	17s46		n.a.

Julian Day Number = 1294597.5, Delta T = 07h56m02s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'20, Lahiri = -20°05'19 Julian Calendar 1 June 1169 BCE == Greg. Calendar 21 May 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

JULY 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 37	27♊ 7'33	24♉28	27♊56	5♌15	2♓52	24♓ 5	24♍23	16♈38	27♍44	21°R 4	11°R 7	10♎10	8♐42	n.a.	S 1
M 2	17 57 34	28° 5'06	9♊33	29°58	5°41	3°14	24°10	24°26	16°39	27°44	21♑ 2	11♎ 0	10° 7	8°49	n.a.	M 2
T 3	18 1 30	29° 2'40	24°47	1♋59	6° 4	3°35	24°14	24°28	16°41	27°45	21° 1	10°50	10° 3	8°55	n.a.	T 3
W 4	18 5 27	0♋ 0'15	9♋57	3°59	6°27	3°56	24°19	24°30	16°42	27°45	21° 0	10°39	10° 0	9° 2	n.a.	W 4
T 5	18 9 24	0°57'52	24°54	5°58	6°47	4°16	24°23	24°33	16°44	27°46	20°59	10°29	9°57	9° 9	n.a.	T 5
F 6	18 13 20	1°55'30	9♌29	7°55	7° 5	4°36	24°27	24°35	16°45	27°46	20°58	10°20	9°54	9°16	n.a.	F 6
S 7	18 17 17	2°53'10	23°35	9°51	7°22	4°55	24°30	24°38	16°47	27°47	20°57	10°13	9°51	9°22	n.a.	S 7
S 8	18 21 13	3°50'50	7♍13	11°46	7°37	5°14	24°34	24°41	16°48	27°47	20°55	10° 9	9°47	9°29	n.a.	S 8
M 9	18 25 10	4°48'32	20°21	13°39	7°50	5°32	24°37	24°43	16°49	27°48	20°54	10° 7	9°44	9°36	n.a.	M 9
T 10	18 29 6	5°46'15	3♎ 5	15°31	8° 0	5°49	24°41	24°46	16°50	27°48	20°53	10° 6	9°41	9°42	n.a.	T 10
W11	18 33 3	6°43'59	15°27	17°21	8° 9	6° 6	24°44	24°49	16°52	27°49	20°52	10° 6	9°38	9°49	n.a.	W11
T 12	18 36 59	7°41'44	27°35	19°10	8°15	6°22	24°46	24°52	16°53	27°50	20°50	10° 6	9°35	9°56	n.a.	T 12
F 13	18 40 56	8°39'31	9♏32	20°58	8°19	6°38	24°49	24°56	16°54	27°50	20°49	10° 3	9°32	10° 3	n.a.	F 13
S 14	18 44 53	9°37'19	21°23	22°44	8°R21	6°52	24°51	24°59	16°55	27°51	20°48	9°58	9°28	10° 9	n.a.	S 14
S 15	18 48 49	10°35'09	3♐13	24°29	8°21	7° 7	24°54	25° 2	16°56	27°52	20°47	9°50	9°25	10°16	n.a.	S 15
M16	18 52 46	11°33'00	15° 5	26°12	8°18	7°20	24°56	25° 5	16°57	27°53	20°45	9°40	9°22	10°23	n.a.	M16
T 17	18 56 42	12°30'53	27° 1	27°54	8°13	7°33	24°57	25° 9	16°58	27°54	20°44	9°28	9°19	10°29	n.a.	T 17
W18	19 0 39	13°28'48	9♑ 3	29°35	8° 5	7°44	24°59	25°13	16°59	27°55	20°43	9°14	9°16	10°36	n.a.	W18
T 19	19 4 35	14°26'44	21°12	1♌14	7°55	7°56	25° 1	25°16	16°59	27°55	20°42	9° 0	9°13	10°43	n.a.	T 19
F 20	19 8 32	15°24'42	3♒29	2°52	7°43	8° 6	25° 2	25°20	17° 0	27°56	20°40	8°48	9° 9	10°49	n.a.	F 20
S 21	19 12 28	16°22'41	15°55	4°29	7°28	8°16	25° 3	25°24	17° 1	27°57	20°39	8°37	9° 6	10°56	n.a.	S 21
S 22	19 16 25	17°20'43	28°31	6° 5	7°11	8°25	25° 4	25°28	17° 1	27°58	20°38	8°29	9° 3	11° 3	n.a.	S 22
M23	19 20 22	18°18'46	11♓18	7°39	6°52	8°33	25° 4	25°32	17° 2	27°59	20°36	8°24	9° 0	11°10	n.a.	M23
T 24	19 24 18	19°16'52	24°18	9°12	6°31	8°40	25° 5	25°36	17° 3	28° 0	20°35	8°22	8°57	11°16	n.a.	T 24
W25	19 28 15	20°15'00	7♈34	10°44	6° 7	8°47	25° 5	25°40	17° 3	28° 1	20°34	8°D21	8°53	11°23	n.a.	W25
T 26	19 32 11	21°13'10	21° 7	12°14	5°42	8°52	25°R 5	25°44	17° 4	28° 3	20°33	8°R21	8°50	11°30	n.a.	T 26
F 27	19 36 8	22°11'22	5♉ 0	13°43	5°14	8°57	25° 5	25°48	17° 4	28° 4	20°31	8°21	8°47	11°36	n.a.	F 27
S 28	19 40 4	23° 9'36	19°14	15°11	4°45	9° 1	25° 5	25°52	17° 4	28° 5	20°30	8°19	8°44	11°43	n.a.	S 28
S 29	19 44 1	24° 7'53	3♊46	16°37	4°14	9° 4	25° 4	25°57	17° 5	28° 6	20°29	8°14	8°41	11°50	n.a.	S 29
M30	19 47 57	25° 6'12	18°33	18° 2	3°42	9° 6	25° 4	26° 1	17° 5	28° 7	20°27	8° 7	8°38	11°57	n.a.	M30
T 31	19 51 54	26♋ 4'33	3♋29	19♌26	3♌ 8	9♓ 7	25♓ 3	26♍ 6	17♈ 5	28♍ 9	20♑26	7♎58	8♎34	12♐ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	15n50	3s28	25n31	1n42	17n35	1s44	14s32	4s12	3s47	1s32	4n38	2n35	6n 8	0s32	2n47	2n 2	34s 8	12s 9	4s28	4s 5	17s47			n.a.
M 2	23 49	18 0	4 17	25 35	1 45	17 18	1 55	14 26	4 14	3 45	1 32	4 37	2 35	6 9	0 33	2 47	2 2	34 9	12 10	4 25	4 4	17 47			n.a.
T 3	23 50	18 54	4 49	25 36	1 47	17 1	2 7	14 20	4 17	3 44	1 32	4 36	2 35	6 10	0 33	2 47	2 2	34 9	12 10	4 21	4 3	17 48			n.a.
W 4	23 50	18 27	5 1	25 34	1 48	16 45	2 18	14 14	4 19	3 42	1 32	4 34	2 34	6 10	0 33	2 46	2 2	34 10	12 10	4 17	4 1	17 48			n.a.
T 5	23 50	16 43	4 52	25 30	1 49	16 28	2 30	14 9	4 21	3 41	1 33	4 33	2 34	6 11	0 33	2 46	2 2	34 10	12 10	4 13	4 0	17 49			n.a.
F 6	23 49	13 56	4 23	25 24	1 49	16 12	2 41	14 3	4 24	3 40	1 33	4 32	2 34	6 11	0 33	2 46	2 2	34 10	12 10	4 9	3 59	17 49			n.a.
S 7	23 48	10 25	3 40	25 15	1 48	15 56	2 54	13 58	4 26	3 38	1 33	4 31	2 34	6 12	0 33	2 46	2 2	34 11	12 10	4 7	3 58	17 50			n.a.
S 8	23 46	6 28	2 45	25 5	1 47	15 40	3 6	13 53	4 28	3 37	1 34	4 29	2 33	6 12	0 33	2 45	2 2	34 11	12 10	4 5	3 56	17 50			n.a.
M 9	23 45	2 19	1 43	24 52	1 45	15 25	3 18	13 48	4 30	3 36	1 34	4 28	2 33	6 13	0 33	2 45	2 2	34 11	12 11	4 4	3 55	17 51			n.a.
T 10	23 42	1s49	0 37	24 37	1 43	15 10	3 31	13 44	4 33	3 35	1 34	4 27	2 33	6 13	0 33	2 45	2 2	34 12	12 11	4 4	3 54	17 52			n.a.
W11	23 39	5 45	0n28	24 21	1 40	14 55	3 44	13 40	4 35	3 34	1 34	4 25	2 33	6 14	0 33	2 44	2 2	34 12	12 11	4 4	3 53	17 52			n.a.
T 12	23 36	9 22	1 31	24 2	1 37	14 41	3 57	13 36	4 37	3 33	1 35	4 24	2 32	6 14	0 33	2 44	2 2	34 12	12 11	4 4	3 51	17 53			n.a.
F 13	23 33	12 33	2 29	23 43	1 34	14 27	4 10	13 32	4 39	3 32	1 35	4 22	2 32	6 14	0 33	2 44	2 2	34 13	12 11	4 3	3 50	17 53			n.a.
S 14	23 29	15 12	3 20	23 21	1 30	14 14	4 23	13 28	4 41	3 32	1 35	4 21	2 32	6 15	0 33	2 43	2 2	34 13	12 11	4 1	3 49	17 54			n.a.
S 15	23 24	17 11	4 2	22 59	1 25	14 1	4 37	13 25	4 43	3 31	1 36	4 19	2 32	6 15	0 33	2 43	2 2	34 13	12 11	3 58	3 48	17 54			n.a.
M16	23 19	18 27	4 33	22 35	1 21	13 49	4 50	13 22	4 46	3 31	1 36	4 17	2 31	6 16	0 33	2 43	2 2	34 14	12 11	3 53	3 46	17 55			n.a.
T 17	23 14	18 55	4 53	22 9	1 16	13 37	5 4	13 19	4 48	3 30	1 36	4 16	2 31	6 16	0 33	2 42	2 1	34 14	12 11	3 48	3 45	17 55			n.a.
W18	23 8	18 32	5 0	21 43	1 10	13 26	5 17	13 16	4 50	3 30	1 36	4 14	2 31	6 16	0 33	2 42	2 1	34 14	12 12	3 43	3 44	17 56			n.a.
T 19	23 2	17 18	4 53	21 15	1 4	13 16	5 30	13 14	4 52	3 29	1 37	4 13	2 31	6 17	0 33	2 41	2 1	34 14	12 12	3 38	3 42	17 56			n.a.
F 20	22 55	15 16	4 33	20 47	0 58	13 6	5 44	13 12	4 54	3 29	1 37	4 11	2 31	6 17	0 33	2 41	2 1	34 15	12 12	3 33	3 41	17 57			n.a.
S 21	22 48	12 31	4 0	20 18	0 52	12 57	5 57	13 10	4 56	3 29	1 37	4 9	2 30	6 17	0 33	2 40	2 1	34 15	12 12	3 28	3 40	17 57			n.a.
S 22	22 41	9 9	3 14	19 48	0 46	12 49	6 10	13 8	4 58	3 29	1 38	4 7	2 30	6 17	0 33	2 40	2 1	34 15	12 12	3 25	3 39	17 58			n.a.
M23	22 33	5 19	2 18	19 17	0 39	12 41	6 22	13 7	5 0	3 29	1 38	4 5	2 30	6 17	0 33	2 39	2 1	34 16	12 12	3 23	3 37	17 58			n.a.
T 24	22 25	1 10	1 14	18 45	0 32	12 35	6 35	13 6	5 2	3 29	1 38	4 4	2 30	6 18	0 33	2 39	2 1	34 16	12 12	3 22	3 36	17 59			n.a.
W25	22 17	3n 7	0 4	18 13	0 25	12 29	6 47	13 5	5 3	3 29	1 38	4 2	2 29	6 18	0 33	2 39	2 1	34 16	12 12	3 22	3 35	17 59			n.a.
T 26	22 8	7 20	1s 7	17 41	0 17	12 24	6 59	13 4	5 5	3 29	1 39	4 0	2 29	6 18	0 33	2 38	2 1	34 16	12 12	3 22	3 34	18 0			n.a.
F 27	21 58	11 16	2 16	17 8	0 10	12 19	7 10	13 4	5 7	3 30	1 39	3 58	2 29	6 18	0 33	2 38	2 1	34 17	12 12	3 22	3 32	18 0			n.a.
S 28	21 48	14 38	3 19	16 35	0 2	12 16	7 20	13 4	5 9	3 30	1 39	3 56	2 29	6 18	0 33	2 37	2 1	34 17	12 12	3 21	3 31	18 1			n.a.
S 29	21 38	17 10	4 9	16 1	0s 6	12 13	7 30	13 5	5 10	3 31	1 40	3 54	2 29	6 18	0 33	2 36	2 1	34 17	12 12	3 19	3 30	18 1			n.a.
M30	21 28	18 36	4 45	15 27	0 14	12 11	7 40	13 5	5 12	3 31	1 40	3 52	2 28	6 18	0 33	2 36	2 1	34 17	12 12	3 16	3 28	18 2			n.a.
T 31	21n17	18n46	5s 1	14n53	0s22	12n10	7s49	13s 6	5s14	3s32	1s40	3n50	2n28	6n19	0s33	2n35	2n 1	34s18	12s12	3s13	3s27	18s 2			n.a.

Julian Day Number = 1294627.5, Delta T = 07h56m00s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'16, Lahiri = -20°05'15 Julian Calendar 1 July 1169 BCE == Greg. Calendar 20 June 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

AUGUST 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 55 51	27♋ 2'56	18♋25	20♌48	2°R34	9°R 8	25°R 2	26♍11	17♈ 5	28♍10	20°R25	7°R47	8♎31	12♐10	n.a.	W 1
T 2	19 59 47	28° 1'21	3♌11	22° 9	1♌58	9♓ 7	25♓ 0	26°15	17° 5	28°11	20♑24	7♎37	8°28	12°17	n.a.	T 2
F 3	20 3 44	28°59'48	17°41	23°29	1°22	9° 6	24°59	26°20	17°R 5	28°12	20°22	7°28	8°25	12°23	n.a.	F 3
S 4	20 7 40	29°58'17	1♍46	24°46	0°46	9° 4	24°57	26°25	17° 5	28°14	20°21	7°21	8°22	12°30	n.a.	S 4
S 5	20 11 37	0♌56'48	15°24	26° 3	0° 9	9° 1	24°55	26°30	17° 5	28°15	20°20	7°17	8°19	12°37	n.a.	S 5
M 6	20 15 33	1°55'20	28°36	27°18	29♋32	8°57	24°53	26°35	17° 5	28°17	20°19	7°15	8°15	12°44	n.a.	M 6
T 7	20 19 30	2°53'55	11♎22	28°31	28°56	8°52	24°50	26°40	17° 5	28°18	20°17	7°D14	8°12	12°50	n.a.	T 7
W 8	20 23 26	3°52'31	23°48	29°42	28°20	8°46	24°48	26°45	17° 5	28°20	20°16	7°15	8° 9	12°57	n.a.	W 8
T 9	20 27 23	4°51'09	5♏57	0♍51	27°45	8°40	24°45	26°50	17° 5	28°21	20°15	7°R15	8° 6	13° 4	n.a.	T 9
F 10	20 31 19	5°49'49	17°55	1°58	27°11	8°32	24°42	26°55	17° 4	28°23	20°14	7°14	8° 3	13°10	n.a.	F 10
S 11	20 35 16	6°48'31	29°47	3° 4	26°38	8°24	24°39	27° 0	17° 4	28°24	20°12	7°12	7°59	13°17	n.a.	S 11
S 12	20 39 13	7°47'14	11♐38	4° 7	26° 7	8°15	24°36	27° 6	17° 3	28°26	20°11	7° 6	7°56	13°24	n.a.	S 12
M13	20 43 9	8°46'00	23°32	5° 7	25°37	8° 5	24°32	27°11	17° 3	28°27	20°10	6°59	7°53	13°30	n.a.	M13
T 14	20 47 6	9°44'47	5♑32	6° 5	25° 9	7°54	24°29	27°17	17° 2	28°29	20° 9	6°50	7°50	13°37	n.a.	T 14
W15	20 51 2	10°43'37	17°42	7° 0	24°42	7°42	24°25	27°22	17° 2	28°30	20° 7	6°39	7°47	13°44	n.a.	W15
T 16	20 54 59	11°42'29	0♒ 2	7°53	24°18	7°30	24°21	27°28	17° 1	28°32	20° 6	6°29	7°44	13°51	n.a.	T 16
F 17	20 58 55	12°41'22	12°33	8°42	23°56	7°17	24°17	27°33	17° 1	28°34	20° 5	6°19	7°40	13°57	n.a.	F 17
S 18	21 2 52	13°40'18	25°16	9°27	23°36	7° 3	24°12	27°39	17° 0	28°36	20° 4	6°11	7°37	14° 4	n.a.	S 18
S 19	21 6 48	14°39'16	8♓10	10° 9	23°19	6°49	24° 8	27°45	16°59	28°37	20° 3	6° 6	7°34	14°11	n.a.	S 19
M20	21 10 45	15°38'16	21°16	10°47	23° 3	6°34	24° 3	27°50	16°58	28°39	20° 2	6° 2	7°31	14°17	n.a.	M20
T 21	21 14 41	16°37'19	4♈33	11°20	22°51	6°18	23°58	27°56	16°57	28°41	20° 1	6°D 1	7°28	14°24	n.a.	T 21
W22	21 18 38	17°36'24	18° 2	11°48	22°40	6° 2	23°53	28° 2	16°57	28°43	19°59	6° 2	7°24	14°31	n.a.	W22
T 23	21 22 35	18°35'31	1♉43	12°12	22°32	5°45	23°48	28° 8	16°56	28°44	19°58	6° 3	7°21	14°38	n.a.	T 23
F 24	21 26 31	19°34'41	15°36	12°29	22°27	5°28	23°42	28°14	16°55	28°46	19°57	6°R 4	7°18	14°44	n.a.	F 24
S 25	21 30 28	20°33'54	29°42	12°41	22°24	5°10	23°37	28°20	16°54	28°48	19°56	6° 4	7°15	14°51	n.a.	S 25
S 26	21 34 24	21°33'09	13♊59	12°R46	22°D23	4°52	23°31	28°26	16°53	28°50	19°55	6° 2	7°12	14°58	n.a.	S 26
M27	21 38 21	22°32'26	28°25	12°44	22°25	4°33	23°25	28°32	16°51	28°52	19°54	5°58	7° 9	15° 4	n.a.	M27
T 28	21 42 17	23°31'47	12♋55	12°35	22°29	4°14	23°19	28°38	16°50	28°54	19°53	5°52	7° 5	15°11	n.a.	T 28
W29	21 46 14	24°31'09	27°25	12°18	22°35	3°55	23°13	28°45	16°49	28°56	19°52	5°46	7° 2	15°18	n.a.	W29
T 30	21 50 10	25°30'34	11♌48	11°53	22°44	3°35	23° 6	28°51	16°48	28°58	19°51	5°39	6°59	15°25	n.a.	T 30
F 31	21 54 7	26♌30'01	25♌58	11♍21	22♋55	3♓15	23♓ 0	28♍57	16♈46	28♍59	19♑50	5♎33	6♎56	15♐31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n 5	17n38	4s57	14n19	0s31	12n10	7s57	13s 7	5s15	3s32	1s40	3n48	2n28	6n19	0s33	2n35	2n 1	34s18	12s12	3s 8	3s26	18s 3			n.a.
T 2	20 54	15 20	4 33	13 44	0 39	12 11	8 4	13 9	5 16	3 33	1 41	3 46	2 28	6 19	0 33	2 34	2 0	34 18	12 12	3 4	3 25	18 3			n.a.
F 3	20 42	12 7	3 51	13 10	0 48	12 13	8 10	13 11	5 18	3 34	1 41	3 44	2 28	6 19	0 33	2 34	2 0	34 18	12 12	3 1	3 23	18 4			n.a.
S 4	20 29	8 16	2 57	12 36	0 56	12 15	8 16	13 13	5 19	3 35	1 41	3 42	2 27	6 19	0 33	2 33	2 0	34 18	12 12	2 58	3 22	18 4			n.a.
S 5	20 16	4 6	1 54	12 2	1 5	12 18	8 20	13 15	5 20	3 36	1 42	3 40	2 27	6 18	0 33	2 32	2 0	34 19	12 12	2 56	3 21	18 5			n.a.
M 6	20 3	0s 8	0 46	11 28	1 13	12 22	8 24	13 17	5 21	3 37	1 42	3 37	2 27	6 18	0 33	2 32	2 0	34 19	12 12	2 55	3 20	18 5			n.a.
T 7	19 50	4 14	0n22	10 54	1 22	12 26	8 27	13 20	5 22	3 38	1 42	3 35	2 27	6 18	0 33	2 31	2 0	34 19	12 12	2 55	3 18	18 6			n.a.
W 8	19 36	8 2	1 27	10 21	1 31	12 31	8 29	13 23	5 23	3 40	1 42	3 33	2 27	6 18	0 33	2 31	2 0	34 19	12 12	2 55	3 17	18 6			n.a.
T 9	19 22	11 25	2 27	9 48	1 40	12 37	8 30	13 26	5 24	3 41	1 43	3 31	2 26	6 18	0 33	2 30	2 0	34 19	12 12	2 55	3 16	18 7			n.a.
F 10	19 7	14 16	3 19	9 16	1 48	12 43	8 30	13 30	5 25	3 42	1 43	3 28	2 26	6 18	0 33	2 29	2 0	34 20	12 12	2 55	3 14	18 7			n.a.
S 11	18 52	16 29	4 3	8 44	1 57	12 50	8 29	13 34	5 25	3 44	1 43	3 26	2 26	6 18	0 33	2 29	2 0	34 20	12 12	2 54	3 13	18 8			n.a.
S 12	18 37	18 0	4 36	8 13	2 5	12 58	8 28	13 38	5 26	3 45	1 43	3 24	2 26	6 18	0 33	2 28	2 0	34 20	12 12	2 52	3 12	18 8			n.a.
M13	18 22	18 44	4 56	7 43	2 14	13 5	8 25	13 42	5 26	3 47	1 44	3 21	2 26	6 17	0 33	2 27	2 0	34 20	12 12	2 49	3 11	18 8			n.a.
T 14	18 6	18 38	5 5	7 14	2 22	13 13	8 22	13 46	5 26	3 49	1 44	3 19	2 25	6 17	0 33	2 26	2 0	34 20	12 12	2 45	3 9	18 9			n.a.
W15	17 50	17 42	4 59	6 46	2 30	13 22	8 18	13 51	5 26	3 51	1 44	3 17	2 25	6 17	0 33	2 26	2 0	34 20	12 12	2 41	3 8	18 9			n.a.
T 16	17 33	15 55	4 40	6 19	2 38	13 31	8 13	13 55	5 26	3 52	1 44	3 14	2 25	6 17	0 33	2 25	2 0	34 20	12 12	2 37	3 7	18 10			n.a.
F 17	17 17	13 22	4 7	5 53	2 46	13 40	8 8	14 0	5 26	3 54	1 45	3 12	2 25	6 16	0 33	2 24	2 0	34 21	12 12	2 33	3 6	18 10			n.a.
S 18	17 0	10 10	3 21	5 29	2 53	13 49	8 2	14 5	5 26	3 56	1 45	3 9	2 25	6 16	0 34	2 24	2 0	34 21	12 12	2 30	3 4	18 11			n.a.
S 19	16 42	6 25	2 24	5 6	3 1	13 58	7 55	14 10	5 26	3 58	1 45	3 7	2 25	6 16	0 34	2 23	2 0	34 21	12 12	2 28	3 3	18 11			n.a.
M20	16 25	2 19	1 19	4 46	3 7	14 8	7 48	14 16	5 25	4 0	1 45	3 5	2 24	6 16	0 34	2 22	2 0	34 21	12 11	2 26	3 2	18 11			n.a.
T 21	16 7	1n58	0 8	4 27	3 14	14 18	7 40	14 21	5 24	4 3	1 45	3 2	2 24	6 15	0 34	2 21	2 0	34 21	12 11	2 26	3 0	18 12			n.a.
W22	15 48	6 12	1s 4	4 11	3 20	14 27	7 32	14 26	5 24	4 5	1 46	3 0	2 24	6 15	0 34	2 21	2 0	34 21	12 11	2 26	2 59	18 12			n.a.
T 23	15 30	10 10	2 14	3 57	3 25	14 37	7 24	14 32	5 23	4 7	1 46	2 57	2 24	6 14	0 34	2 20	1 59	34 21	12 11	2 26	2 58	18 13			n.a.
F 24	15 11	13 38	3 17	3 46	3 29	14 46	7 15	14 37	5 21	4 9	1 46	2 54	2 24	6 14	0 34	2 19	1 59	34 21	12 11	2 27	2 57	18 13			n.a.
S 25	14 52	16 22	4 9	3 38	3 33	14 56	7 6	14 43	5 20	4 12	1 46	2 52	2 24	6 14	0 34	2 18	1 59	34 21	12 11	2 27	2 55	18 14			n.a.
S 26	14 33	18 6	4 47	3 33	3 36	15 5	6 57	14 49	5 19	4 14	1 46	2 49	2 24	6 13	0 34	2 18	1 59	34 21	12 11	2 26	2 54	18 14			n.a.
M27	14 14	18 43	5 6	3 32	3 38	15 14	6 47	14 54	5 17	4 17	1 47	2 47	2 23	6 13	0 34	2 17	1 59	34 21	12 11	2 24	2 53	18 14			n.a.
T 28	13 54	18 6	5 7	3 35	3 38	15 24	6 37	15 0	5 16	4 20	1 47	2 44	2 23	6 12	0 34	2 16	1 59	34 21	12 11	2 22	2 52	18 15			n.a.
W29	13 34	16 19	4 47	3 42	3 38	15 32	6 27	15 5	5 14	4 22	1 47	2 41	2 23	6 12	0 34	2 15	1 59	34 21	12 10	2 19	2 50	18 15			n.a.
T 30	13 14	13 32	4 10	3 54	3 36	15 41	6 17	15 11	5 12	4 25	1 47	2 39	2 23	6 11	0 34	2 14	1 59	34 21	12 10	2 17	2 49	18 16			n.a.
F 31	12n53	9n58	3s18	4n10	3s32	15n49	6s 7	15s16	5s 9	4s28	1s47	2n36	2n23	6n11	0s34	2n13	1n59	34s21	12s10	2s15	2s48	18s16			n.a.

Julian Day Number = 1294658.5, Delta T = 07h55m58s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'11, Lahiri = -20°05'11 Julian Calendar 1 Aug. 1169 BCE == Greg. Calendar 21 July 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

SEPTEMBER 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 4	27♌29'30	9♍50	10°R40	23♋ 8	2°R55	22°R53	29♍ 3	16°R45	29♍ 1	19°R49	5°R29	6♎53	15♐38	n.a.	S 1
S 2	22 2 0	28°29'01	23°20	9♍51	23°23	2♓35	22♓47	29°10	16♈44	29° 3	19♑48	5♎27	6°50	15°45	n.a.	S 2
M 3	22 5 57	29°28'34	6♎28	8°55	23°40	2°15	22°40	29°16	16°42	29° 5	19°47	5°D26	6°46	15°51	n.a.	M 3
T 4	22 9 53	0♍28'09	19°15	7°53	23°59	1°55	22°33	29°23	16°41	29° 7	19°46	5°27	6°43	15°58	n.a.	T 4
W 5	22 13 50	1°27'47	1♏41	6°45	24°19	1°35	22°26	29°29	16°39	29° 9	19°45	5°28	6°40	16° 5	n.a.	W 5
T 6	22 17 46	2°27'26	13°53	5°34	24°42	1°15	22°18	29°36	16°38	29°12	19°44	5°30	6°37	16°12	n.a.	T 6
F 7	22 21 43	3°27'07	25°52	4°21	25° 7	0°56	22°11	29°42	16°36	29°14	19°43	5°31	6°34	16°18	n.a.	F 7
S 8	22 25 39	4°26'50	7♐46	3° 8	25°33	0°36	22° 4	29°49	16°34	29°16	19°43	5°R31	6°30	16°25	n.a.	S 8
S 9	22 29 36	5°26'35	19°38	1°57	26° 0	0°17	21°56	29°55	16°33	29°18	19°42	5°30	6°27	16°32	n.a.	S 9
M10	22 33 32	6°26'22	1♑34	0°51	26°30	29♒58	21°49	0♏ 2	16°31	29°20	19°41	5°28	6°24	16°38	n.a.	M10
T 11	22 37 29	7°26'10	13°37	29♏50	27° 1	29°40	21°41	0° 9	16°29	29°22	19°40	5°24	6°21	16°45	n.a.	T 11
W12	22 41 26	8°26'01	25°51	28°58	27°33	29°22	21°33	0°15	16°27	29°24	19°39	5°20	6°18	16°52	n.a.	W12
T 13	22 45 22	9°25'53	8♒19	28°15	28° 7	29° 4	21°26	0°22	16°25	29°26	19°39	5°16	6°15	16°59	n.a.	T 13
F 14	22 49 19	10°25'48	21° 3	27°43	28°42	28°47	21°18	0°29	16°24	29°28	19°38	5°11	6°11	17° 5	n.a.	F 14
S 15	22 53 15	11°25'44	4♓ 3	27°22	29°19	28°30	21°10	0°36	16°22	29°31	19°37	5° 8	6° 8	17°12	n.a.	S 15
S 16	22 57 12	12°25'42	17°18	27°D12	29°57	28°14	21° 2	0°42	16°20	29°33	19°37	5° 6	6° 5	17°19	n.a.	S 16
M17	23 1 8	13°25'43	0♈49	27°14	0♌36	27°59	20°54	0°49	16°18	29°35	19°36	5°D 5	6° 2	17°25	n.a.	M17
T 18	23 5 5	14°25'45	14°31	27°26	1°17	27°44	20°46	0°56	16°16	29°37	19°35	5° 5	5°59	17°32	n.a.	T 18
W19	23 9 1	15°25'50	28°24	27°49	1°58	27°30	20°38	1° 3	16°14	29°39	19°35	5° 6	5°56	17°39	n.a.	W19
T 20	23 12 58	16°25'57	12♉25	28°22	2°41	27°16	20°29	1°10	16°12	29°41	19°34	5° 8	5°52	17°46	n.a.	T 20
F 21	23 16 54	17°26'06	26°32	29° 3	3°25	27° 3	20°21	1°17	16°10	29°44	19°33	5° 9	5°49	17°52	n.a.	F 21
S 22	23 20 51	18°26'18	10♊42	29°53	4° 9	26°51	20°13	1°24	16° 7	29°46	19°33	5°10	5°46	17°59	n.a.	S 22
S 23	23 24 48	19°26'32	24°54	0♍50	4°55	26°40	20° 5	1°31	16° 5	29°48	19°32	5°R10	5°43	18° 6	n.a.	S 23
M24	23 28 44	20°26'48	9♋ 5	1°53	5°42	26°29	19°57	1°38	16° 3	29°50	19°32	5° 9	5°40	18°12	n.a.	M24
T 25	23 32 41	21°27'06	23°12	3° 2	6°30	26°19	19°49	1°44	16° 1	29°53	19°31	5° 8	5°36	18°19	n.a.	T 25
W26	23 36 37	22°27'27	7♌15	4°15	7°18	26°10	19°41	1°51	15°59	29°55	19°31	5° 6	5°33	18°26	n.a.	W26
T 27	23 40 34	23°27'49	21° 8	5°32	8° 8	26° 1	19°32	1°58	15°56	29°57	19°30	5° 4	5°30	18°33	n.a.	T 27
F 28	23 44 30	24°28'14	4♍50	6°53	8°58	25°54	19°24	2° 5	15°54	29°59	19°30	5° 3	5°27	18°39	n.a.	F 28
S 29	23 48 27	25°28'40	18°19	8°17	9°49	25°47	19°16	2°12	15°52	0♏ 1	19°30	5° 2	5°24	18°46	n.a.	S 29
S 30	23 52 23	26♍29'08	1♎31	9♍44	10♌41	25♒41	19♓ 8	2♏19	15♈49	0♏ 4	19♑29	5°D 2	5♎21	18♐53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n32	5n56	2s15	4n31	3s26	15n57	5s56	15s21	5s 7	4s30	1s47	2n34	2n23	6n10	0s34	2n13	1n59	34s22	12s10	2s13	2s46	18s16		n.a.
S 2	12 12	1 41	1 5	4 56	3 19	16 5	5 46	15 27	5 5	4 33	1 48	2 31	2 23	6 10	0 34	2 12	1 59	34 22	12 10	2 12	2 45	18 17		n.a.
M 3	11 51	2s31	0n 6	5 26	3 10	16 13	5 35	15 32	5 2	4 36	1 48	2 28	2 23	6 9	0 34	2 11	1 59	34 22	12 10	2 12	2 44	18 17		n.a.
T 4	11 29	6 30	1 15	6 0	2 58	16 20	5 25	15 36	4 59	4 39	1 48	2 25	2 22	6 8	0 34	2 10	1 59	34 22	12 10	2 12	2 43	18 17		n.a.
W 5	11 8	10 6	2 19	6 38	2 45	16 27	5 15	15 41	4 57	4 42	1 48	2 23	2 22	6 8	0 34	2 9	1 59	34 22	12 9	2 12	2 41	18 18		n.a.
T 6	10 46	13 10	3 15	7 18	2 29	16 33	5 4	15 46	4 54	4 45	1 48	2 20	2 22	6 7	0 34	2 8	1 59	34 21	12 9	2 13	2 40	18 18		n.a.
F 7	10 24	15 38	4 1	8 1	2 13	16 39	4 54	15 50	4 50	4 48	1 48	2 17	2 22	6 7	0 34	2 8	1 59	34 21	12 9	2 14	2 39	18 19		n.a.
S 8	10 2	17 24	4 37	8 45	1 54	16 44	4 43	15 54	4 47	4 51	1 48	2 15	2 22	6 6	0 34	2 7	1 59	34 21	12 9	2 14	2 37	18 19		n.a.
S 9	9 40	18 25	5 1	9 29	1 35	16 50	4 33	15 58	4 44	4 54	1 48	2 12	2 22	6 5	0 34	2 6	1 59	34 21	12 9	2 13	2 36	18 19		n.a.
M10	9 18	18 37	5 12	10 12	1 15	16 54	4 23	16 2	4 40	4 57	1 48	2 9	2 22	6 4	0 34	2 5	1 59	34 21	12 9	2 12	2 35	18 20		n.a.
T 11	8 55	17 59	5 10	10 52	0 54	16 58	4 12	16 5	4 37	5 0	1 48	2 6	2 22	6 4	0 34	2 4	1 59	34 21	12 8	2 11	2 34	18 20		n.a.
W12	8 32	16 31	4 53	11 30	0 34	17 2	4 2	16 8	4 33	5 4	1 48	2 3	2 22	6 3	0 34	2 3	1 59	34 21	12 8	2 9	2 32	18 20		n.a.
T 13	8 10	14 15	4 23	12 3	0 14	17 5	3 52	16 11	4 30	5 7	1 49	2 1	2 22	6 2	0 34	2 2	1 59	34 21	12 8	2 7	2 31	18 21		n.a.
F 14	7 47	11 16	3 39	12 32	0n 5	17 8	3 42	16 14	4 26	5 10	1 49	1 58	2 22	6 2	0 34	2 1	1 59	34 21	12 8	2 6	2 30	18 21		n.a.
S 15	7 24	7 40	2 43	12 57	0 23	17 10	3 32	16 16	4 22	5 13	1 49	1 55	2 21	6 1	0 34	2 1	1 59	34 21	12 8	2 4	2 29	18 21		n.a.
S 16	7 0	3 37	1 36	13 16	0 40	17 12	3 22	16 18	4 18	5 16	1 49	1 52	2 21	6 0	0 34	2 0	1 59	34 21	12 7	2 3	2 27	18 22		n.a.
M17	6 37	0n41	0 24	13 29	0 55	17 13	3 13	16 20	4 14	5 20	1 49	1 49	2 21	5 59	0 34	1 59	1 59	34 21	12 7	2 3	2 26	18 22		n.a.
T 18	6 14	5 1	0s52	13 38	1 9	17 13	3 3	16 21	4 10	5 23	1 49	1 47	2 21	5 59	0 34	1 58	1 59	34 21	12 7	2 3	2 25	18 23		n.a.
W19	5 50	9 8	2 5	13 41	1 21	17 13	2 54	16 23	4 6	5 26	1 49	1 44	2 21	5 58	0 34	1 57	1 59	34 21	12 7	2 4	2 23	18 23		n.a.
T 20	5 26	12 47	3 12	13 40	1 31	17 13	2 44	16 23	4 2	5 29	1 49	1 41	2 21	5 57	0 34	1 56	1 59	34 21	12 7	2 4	2 22	18 23		n.a.
F 21	5 3	15 42	4 7	13 33	1 40	17 12	2 35	16 24	3 58	5 32	1 49	1 38	2 21	5 56	0 34	1 55	1 59	34 20	12 6	2 5	2 21	18 23		n.a.
S 22	4 39	17 40	4 48	13 23	1 48	17 10	2 26	16 24	3 53	5 36	1 49	1 35	2 21	5 55	0 34	1 54	1 59	34 20	12 6	2 5	2 20	18 24		n.a.
S 23	4 15	18 33	5 11	13 8	1 54	17 8	2 17	16 25	3 49	5 39	1 49	1 32	2 21	5 54	0 34	1 53	1 59	34 20	12 6	2 5	2 18	18 24		n.a.
M24	3 51	18 16	5 15	12 50	1 59	17 5	2 8	16 24	3 45	5 42	1 49	1 30	2 21	5 54	0 34	1 52	1 59	34 20	12 6	2 5	2 17	18 24		n.a.
T 25	3 27	16 52	5 1	12 28	2 3	17 2	2 0	16 24	3 41	5 45	1 49	1 27	2 21	5 53	0 34	1 52	1 59	34 20	12 5	2 4	2 16	18 25		n.a.
W26	3 2	14 27	4 28	12 3	2 6	16 57	1 51	16 23	3 36	5 49	1 48	1 24	2 21	5 52	0 34	1 51	1 59	34 20	12 5	2 4	2 14	18 25		n.a.
T 27	2 38	11 13	3 40	11 36	2 7	16 53	1 43	16 22	3 32	5 52	1 48	1 21	2 21	5 51	0 34	1 50	1 59	34 20	12 5	2 3	2 13	18 25		n.a.
F 28	2 14	7 25	2 40	11 6	2 8	16 48	1 34	16 21	3 28	5 55	1 48	1 18	2 21	5 50	0 34	1 49	1 59	34 19	12 5	2 2	2 12	18 26		n.a.
S 29	1 50	3 18	1 31	10 34	2 8	16 42	1 26	16 19	3 23	5 58	1 48	1 15	2 21	5 49	0 34	1 48	1 59	34 19	12 5	2 2	2 11	18 26		n.a.
S 30	1n25	0s55	0s19	10n 0	2n 7	16n35	1s18	16s17	3s19	6s 1	1s48	1n12	2n21	5n48	0s34	1n47	1n59	34s19	12s 4	2s 2	2s 9	18s26		n.a.

Julian Day Number = 1294689.5, Delta T = 07h55m57s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'07, Lahiri = -20°05'07 Julian Calendar 1 Sept. 1169 BCE == Greg. Calendar 21 Aug. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

OCTOBER 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 56 20	27♍29'38	14♎27	11♍12	11♌33	25°R36	19°R 0	2♎27	15°R47	0♎ 6	19°R29	5♎ 2	5♎17	19♐ 0	n.a.	M 1
T 2	0 0 16	28°30'10	27° 6	12°42	12°26	25♒31	18♓52	2°34	15♈45	0° 8	19♑29	5° 2	5°14	19° 6	n.a.	T 2
W 3	0 4 13	29°30'43	9♏30	14°14	13°20	25°28	18°44	2°41	15°42	0°10	19°28	5° 3	5°11	19°13	n.a.	W 3
T 4	0 8 10	0♎31'18	21°41	15°46	14°15	25°25	18°36	2°48	15°40	0°13	19°28	5° 4	5° 8	19°20	n.a.	T 4
F 5	0 12 6	1°31'55	3♐41	17°20	15°10	25°23	18°29	2°55	15°38	0°15	19°28	5° 4	5° 5	19°26	n.a.	F 5
S 6	0 16 3	2°32'33	15°35	18°54	16° 6	25°22	18°21	3° 2	15°35	0°17	19°27	5° 4	5° 1	19°33	n.a.	S 6
S 7	0 19 59	3°33'12	27°27	20°29	17° 2	25°D22	18°13	3° 9	15°33	0°19	19°27	5° 4	4°58	19°40	n.a.	S 7
M 8	0 23 56	4°33'53	9♑21	22° 4	18° 0	25°23	18° 6	3°16	15°30	0°22	19°27	5° 4	4°55	19°47	n.a.	M 8
T 9	0 27 52	5°34'35	21°23	23°39	18°57	25°24	17°58	3°23	15°28	0°24	19°27	5° 4	4°52	19°53	n.a.	T 9
W10	0 31 49	6°35'18	3♒37	25°15	19°55	25°26	17°51	3°30	15°25	0°26	19°27	5° 4	4°49	20° 0	n.a.	W10
T 11	0 35 45	7°36'03	16° 7	26°50	20°54	25°29	17°44	3°37	15°23	0°28	19°27	5° 5	4°46	20° 7	n.a.	T 11
F 12	0 39 42	8°36'48	28°56	28°26	21°53	25°33	17°37	3°44	15°20	0°31	19°27	5° 5	4°42	20°13	n.a.	F 12
S 13	0 43 39	9°37'35	12♓ 6	0♎ 2	22°52	25°37	17°30	3°51	15°18	0°33	19°27	5° 5	4°39	20°20	n.a.	S 13
S 14	0 47 35	10°38'24	25°38	1°37	23°53	25°43	17°23	3°58	15°15	0°35	19°D27	5° 6	4°36	20°27	n.a.	S 14
M15	0 51 32	11°39'13	9♈30	3°13	24°53	25°49	17°16	4° 5	15°13	0°37	19°27	5°R 6	4°33	20°34	n.a.	M15
T 16	0 55 28	12°40'04	23°40	4°48	25°54	25°55	17° 9	4°12	15°10	0°40	19°27	5° 6	4°30	20°40	n.a.	T 16
W17	0 59 25	13°40'57	8♉ 3	6°24	26°56	26° 2	17° 3	4°19	15° 8	0°42	19°27	5° 5	4°27	20°47	n.a.	W17
T 18	1 3 21	14°41'51	22°33	7°59	27°57	26°11	16°56	4°26	15° 5	0°44	19°27	5° 4	4°23	20°54	n.a.	T 18
F 19	1 7 18	15°42'46	7♊ 5	9°34	29° 0	26°19	16°50	4°33	15° 3	0°46	19°27	5° 2	4°20	21° 0	n.a.	F 19
S 20	1 11 14	16°43'44	21°34	11° 9	0♍ 2	26°29	16°44	4°40	15° 0	0°48	19°27	5° 1	4°17	21° 7	n.a.	S 20
S 21	1 15 11	17°44'42	5♋54	12°44	1° 5	26°39	16°38	4°47	14°58	0°51	19°27	5° 0	4°14	21°14	n.a.	S 21
M22	1 19 8	18°45'42	20° 3	14°19	2° 9	26°49	16°32	4°54	14°55	0°53	19°27	5°D 0	4°11	21°21	n.a.	M22
T 23	1 23 4	19°46'44	3♌59	15°54	3°12	27° 1	16°27	5° 1	14°53	0°55	19°28	5° 1	4° 7	21°27	n.a.	T 23
W24	1 27 1	20°47'47	17°41	17°29	4°16	27°13	16°21	5° 8	14°50	0°57	19°28	5° 2	4° 4	21°34	n.a.	W24
T 25	1 30 57	21°48'51	1♍10	19° 3	5°21	27°25	16°16	5°15	14°48	0°59	19°28	5° 3	4° 1	21°41	n.a.	T 25
F 26	1 34 54	22°49'56	14°25	20°38	6°26	27°38	16°11	5°21	14°45	1° 1	19°29	5° 4	3°58	21°47	n.a.	F 26
S 27	1 38 50	23°51'03	27°27	22°12	7°31	27°52	16° 6	5°28	14°43	1° 3	19°29	5° 5	3°55	21°54	n.a.	S 27
S 28	1 42 47	24°52'11	10♎17	23°47	8°36	28° 6	16° 1	5°35	14°40	1° 6	19°29	5°R 5	3°52	22° 1	n.a.	S 28
M29	1 46 43	25°53'19	22°55	25°21	9°42	28°21	15°56	5°42	14°38	1° 8	19°30	5° 4	3°48	22° 8	n.a.	M29
T 30	1 50 40	26°54'29	5♏21	26°55	10°47	28°37	15°52	5°49	14°35	1°10	19°30	5° 2	3°45	22°14	n.a.	T 30
W31	1 54 37	27♎55'39	17♏37	28♎30	11♍54	28♒52	15♓48	5♎55	14♈33	1♎12	19♑30	4♎59	3♎42	22♐21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n 1	4s59	0n52	9n24	2n 5	16n28	1s10	16s15	3s15	6s 4	1s48	1n10	2n21	5n47	0s34	1n46	1n59	34s19	12s 4	2s 2	2s 8	18s27		n.a.
T 2	0 36	8 45	1 59	8 47	2 3	16 21	1 3	16 12	3 11	6 7	1 48	1 7	2 21	5 46	0 34	1 45	1 59	34 19	12 4	2 2	2 7	18 27		n.a.
W 3	0 12	12 3	3 0	8 9	2 0	16 13	0 55	16 10	3 7	6 10	1 48	1 4	2 21	5 45	0 34	1 44	1 59	34 18	12 4	2 2	2 6	18 27		n.a.
T 4	0s13	14 46	3 51	7 30	1 57	16 4	0 48	16 7	3 2	6 13	1 48	1 1	2 21	5 44	0 34	1 43	1 59	34 18	12 3	2 3	2 4	18 27		n.a.
F 5	0 37	16 48	4 31	6 49	1 53	15 54	0 40	16 3	2 58	6 16	1 48	0 58	2 21	5 44	0 34	1 42	1 59	34 18	12 3	2 3	2 3	18 28		n.a.
S 6	1 2	18 5	4 59	6 8	1 49	15 44	0 33	16 0	2 54	6 19	1 47	0 55	2 21	5 43	0 34	1 42	1 59	34 18	12 3	2 3	2 2	18 28		n.a.
S 7	1 26	18 34	5 15	5 26	1 45	15 34	0 26	15 56	2 50	6 22	1 47	0 52	2 21	5 42	0 34	1 41	1 59	34 18	12 3	2 3	2 0	18 28		n.a.
M 8	1 51	18 14	5 17	4 43	1 40	15 23	0 19	15 52	2 46	6 25	1 47	0 50	2 21	5 41	0 34	1 40	1 59	34 17	12 2	2 3	1 59	18 29		n.a.
T 9	2 15	17 5	5 5	4 0	1 35	15 11	0 13	15 48	2 42	6 28	1 47	0 47	2 21	5 40	0 34	1 39	1 59	34 17	12 2	2 3	1 58	18 29		n.a.
W10	2 39	15 8	4 39	3 17	1 29	14 59	0 6	15 43	2 38	6 31	1 47	0 44	2 21	5 39	0 34	1 38	1 59	34 17	12 2	2 3	1 57	18 29		n.a.
T 11	3 4	12 27	4 0	2 33	1 24	14 46	0n 0	15 39	2 34	6 33	1 47	0 41	2 21	5 38	0 34	1 37	1 59	34 17	12 2	2 3	1 55	18 29		n.a.
F 12	3 28	9 7	3 8	1 49	1 18	14 33	0 6	15 34	2 30	6 36	1 46	0 38	2 21	5 37	0 34	1 36	1 59	34 17	12 1	2 3	1 54	18 30		n.a.
S 13	3 52	5 13	2 4	1 5	1 12	14 19	0 13	15 29	2 26	6 39	1 46	0 35	2 21	5 36	0 34	1 35	1 59	34 16	12 1	2 3	1 53	18 30		n.a.
S 14	4 17	0 58	0 52	0 21	1 6	14 4	0 19	15 23	2 23	6 41	1 46	0 33	2 21	5 35	0 34	1 34	1 59	34 16	12 1	2 3	1 51	18 30		n.a.
M15	4 41	3n27	0s24	0s23	1 0	13 49	0 24	15 18	2 19	6 44	1 46	0 30	2 21	5 34	0 34	1 34	1 59	34 16	12 1	2 3	1 50	18 30		n.a.
T 16	5 5	7 46	1 41	1 7	0 54	13 34	0 30	15 12	2 15	6 46	1 46	0 27	2 21	5 33	0 34	1 33	1 59	34 15	12 0	2 3	1 49	18 31		n.a.
W17	5 29	11 42	2 53	1 52	0 47	13 18	0 36	15 6	2 12	6 49	1 45	0 24	2 21	5 32	0 34	1 32	1 59	34 15	12 0	2 3	1 48	18 31		n.a.
T 18	5 53	14 57	3 54	2 36	0 41	13 1	0 41	15 0	2 8	6 51	1 45	0 21	2 21	5 31	0 34	1 31	1 59	34 15	12 0	2 3	1 46	18 31		n.a.
F 19	6 17	17 15	4 40	3 20	0 34	12 44	0 46	14 54	2 5	6 53	1 45	0 19	2 21	5 30	0 34	1 30	1 59	34 15	11 59	2 2	1 45	18 31		n.a.
S 20	6 41	18 26	5 8	4 4	0 28	12 26	0 51	14 47	2 1	6 55	1 45	0 16	2 21	5 29	0 34	1 29	1 59	34 14	11 59	2 2	1 44	18 32		n.a.
S 21	7 4	18 26	5 16	4 47	0 21	12 8	0 56	14 40	1 58	6 57	1 44	0 13	2 21	5 28	0 34	1 28	1 59	34 14	11 59	2 1	1 42	18 32		n.a.
M22	7 28	17 16	5 6	5 31	0 14	11 50	1 1	14 34	1 54	6 59	1 44	0 10	2 21	5 27	0 34	1 27	1 59	34 14	11 59	2 1	1 41	18 32		n.a.
T 23	7 51	15 5	4 37	6 14	0 8	11 31	1 6	14 26	1 51	7 1	1 44	0 8	2 21	5 26	0 34	1 27	1 59	34 14	11 58	2 1	1 40	18 32		n.a.
W24	8 15	12 5	3 53	6 57	0 1	11 11	1 10	14 19	1 48	7 3	1 44	0 5	2 21	5 25	0 34	1 26	1 59	34 13	11 58	2 2	1 39	18 33		n.a.
T 25	8 38	8 29	2 57	7 40	0s 5	10 51	1 15	14 12	1 44	7 5	1 43	0 2	2 21	5 24	0 34	1 25	1 59	34 13	11 58	2 2	1 37	18 33		n.a.
F 26	9 1	4 31	1 52	8 22	0 12	10 31	1 19	14 4	1 41	7 7	1 43	0s 1	2 21	5 23	0 34	1 24	1 59	34 13	11 58	2 3	1 36	18 33		n.a.
S 27	9 24	0 23	0 42	9 4	0 18	10 10	1 23	13 56	1 38	7 9	1 43	0 3	2 21	5 22	0 34	1 23	1 59	34 12	11 57	2 3	1 35	18 33		n.a.
S 28	9 47	3s42	0n29	9 45	0 25	9 49	1 27	13 49	1 35	7 10	1 42	0 6	2 21	5 21	0 34	1 22	1 59	34 12	11 57	2 3	1 34	18 34		n.a.
M29	10 10	7 34	1 37	10 26	0 31	9 27	1 31	13 40	1 32	7 12	1 42	0 9	2 21	5 20	0 34	1 22	1 59	34 12	11 57	2 3	1 32	18 34		n.a.
T 30	10 32	11 2	2 39	11 7	0 37	9 5	1 34	13 32	1 29	7 13	1 42	0 11	2 21	5 19	0 34	1 21	1 59	34 11	11 57	2 2	1 31	18 34		n.a.
W31	10s54	13s58	3n33	11s47	0s43	8n43	1n38	13s24	1s26	7s15	1s42	0s14	2n21	5n18	0s34	1n20	1n59	34s11	11s56	2s 1	1s30	18s34		n.a.

Julian Day Number = 1294719.5, Delta T = 07h55m55s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°12'03, Lahiri = -20°05'03 Julian Calendar 1 Oct. 1169 BCE == Greg. Calendar 20 Sept. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

NOVEMBER 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 33	28♎56'51	29♏43	0♏ 4	13♍ 0	29♒ 9	15°R44	6♎ 2	14°R30	1♎14	19♑31	4°R55	3♎39	22♐28	n.a.	T 1
F 2	2 2 30	29°58'03	11♐42	1°39	14° 7	29°26	15♓40	6° 9	14♈28	1°16	19°31	4♎50	3°36	22°35	n.a.	F 2
S 3	2 6 26	0♏59'15	23°35	3°13	15°14	29°43	15°36	6°15	14°26	1°18	19°32	4°46	3°32	22°41	n.a.	S 3
S 4	2 10 23	2° 0'28	5♑26	4°48	16°21	0♓ 1	15°33	6°22	14°23	1°20	19°32	4°42	3°29	22°48	n.a.	S 4
M 5	2 14 19	3° 1'42	17°18	6°22	17°28	0°20	15°29	6°28	14°21	1°22	19°33	4°39	3°26	22°55	n.a.	M 5
T 6	2 18 16	4° 2'56	29°17	7°57	18°36	0°39	15°26	6°35	14°18	1°24	19°34	4°D38	3°23	23° 1	n.a.	T 6
W 7	2 22 12	5° 4'10	11♒27	9°32	19°43	0°58	15°23	6°41	14°16	1°26	19°34	4°38	3°20	23° 8	n.a.	W 7
T 8	2 26 9	6° 5'24	23°52	11° 7	20°51	1°18	15°21	6°48	14°14	1°28	19°35	4°39	3°17	23°15	n.a.	T 8
F 9	2 30 6	7° 6'39	6♓37	12°42	21°59	1°38	15°18	6°54	14°12	1°30	19°35	4°41	3°13	23°22	n.a.	F 9
S 10	2 34 2	8° 7'54	19°47	14°17	23° 8	1°59	15°16	7° 1	14° 9	1°32	19°36	4°43	3°10	23°28	n.a.	S 10
S 11	2 37 59	9° 9'09	3♈22	15°53	24°16	2°20	15°14	7° 7	14° 7	1°34	19°37	4°R44	3° 7	23°35	n.a.	S 11
M12	2 41 55	10°10'24	17°25	17°28	25°25	2°41	15°12	7°13	14° 5	1°35	19°38	4°43	3° 4	23°42	n.a.	M12
T 13	2 45 52	11°11'39	1♉52	19° 4	26°34	3° 3	15°10	7°20	14° 3	1°37	19°38	4°40	3° 1	23°48	n.a.	T 13
W14	2 49 48	12°12'55	16°39	20°40	27°43	3°26	15° 9	7°26	14° 1	1°39	19°39	4°36	2°58	23°55	n.a.	W14
T 15	2 53 45	13°14'11	1♊37	22°16	28°52	3°48	15° 8	7°32	13°58	1°41	19°40	4°31	2°54	24° 2	n.a.	T 15
F 16	2 57 42	14°15'27	16°38	23°52	0♎ 2	4°11	15° 6	7°38	13°56	1°43	19°41	4°24	2°51	24° 9	n.a.	F 16
S 17	3 1 38	15°16'44	1♋33	25°28	1°12	4°34	15° 6	7°44	13°54	1°44	19°42	4°18	2°48	24°15	n.a.	S 17
S 18	3 5 35	16°18'02	16°13	27° 4	2°21	4°58	15° 5	7°50	13°52	1°46	19°42	4°13	2°45	24°22	n.a.	S 18
M19	3 9 31	17°19'19	0♌34	28°40	3°31	5°22	15° 5	7°56	13°50	1°48	19°43	4°10	2°42	24°29	n.a.	M19
T 20	3 13 28	18°20'37	14°33	0♐16	4°41	5°46	15° 4	8° 2	13°48	1°50	19°44	4°D 9	2°38	24°36	n.a.	T 20
W21	3 17 24	19°21'55	28° 9	1°52	5°51	6°11	15°D 4	8° 8	13°46	1°51	19°45	4° 9	2°35	24°42	n.a.	W21
T 22	3 21 21	20°23'14	11♍25	3°27	7° 2	6°36	15° 5	8°14	13°45	1°53	19°46	4°10	2°32	24°49	n.a.	T 22
F 23	3 25 17	21°24'33	24°23	5° 3	8°12	7° 1	15° 5	8°20	13°43	1°55	19°47	4°11	2°29	24°56	n.a.	F 23
S 24	3 29 14	22°25'51	7♎ 5	6°38	9°23	7°26	15° 6	8°26	13°41	1°56	19°48	4°R12	2°26	25° 2	n.a.	S 24
S 25	3 33 11	23°27'10	19°36	8°12	10°33	7°52	15° 6	8°31	13°39	1°58	19°49	4°10	2°23	25° 9	n.a.	S 25
M26	3 37 7	24°28'29	1♏56	9°46	11°44	8°18	15° 8	8°37	13°37	1°59	19°50	4° 7	2°19	25°16	n.a.	M26
T 27	3 41 4	25°29'48	14° 8	11°19	12°55	8°45	15° 9	8°42	13°36	2° 1	19°51	4° 0	2°16	25°23	n.a.	T 27
W28	3 45 0	26°31'06	26°13	12°50	14° 6	9°11	15°10	8°48	13°34	2° 2	19°52	3°52	2°13	25°29	n.a.	W28
T 29	3 48 57	27°32'25	8♐13	14°20	15°17	9°38	15°12	8°53	13°32	2° 4	19°53	3°41	2°10	25°36	n.a.	T 29
F 30	3 52 53	28♏33'43	20♐ 8	15♐48	16♎29	10♓ 5	15♓14	8♎59	13♈31	2♎ 5	19♑55	3♎30	2♎ 7	25♐43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s17	16s15	4n17	12s27	0s49	8n20	1n41	13s15	1s23	7s16	1s41	0s16	2n21	5n17	0s34	1n19	1n59	34s11	11s56	1s59	1s28	18s34		n.a.
F 2	11 39	17 48	4 48	13 6	0 55	7 57	1 44	13 7	1 20	7 17	1 41	0 19	2 22	5 16	0 34	1 18	1 59	34 10	11 56	1 57	1 27	18 35		n.a.
S 3	12 0	18 33	5 7	13 44	1 1	7 34	1 47	12 58	1 18	7 19	1 41	0 22	2 22	5 16	0 34	1 18	1 59	34 10	11 56	1 55	1 26	18 35		n.a.
S 4	12 22	18 30	5 13	14 22	1 7	7 10	1 50	12 49	1 15	7 20	1 40	0 24	2 22	5 15	0 34	1 17	1 59	34 10	11 55	1 54	1 25	18 35		n.a.
M 5	12 43	17 38	5 6	15 0	1 12	6 46	1 53	12 40	1 12	7 21	1 40	0 27	2 22	5 14	0 34	1 16	1 59	34 9	11 55	1 53	1 23	18 35		n.a.
T 6	13 4	15 59	4 45	15 36	1 17	6 21	1 56	12 30	1 10	7 22	1 40	0 29	2 22	5 13	0 34	1 15	1 59	34 9	11 55	1 52	1 22	18 35		n.a.
W 7	13 25	13 37	4 11	16 12	1 23	5 57	1 58	12 21	1 7	7 22	1 39	0 32	2 22	5 12	0 34	1 15	1 59	34 9	11 55	1 52	1 21	18 36		n.a.
T 8	13 46	10 34	3 25	16 48	1 28	5 32	2 1	12 11	1 4	7 23	1 39	0 34	2 22	5 11	0 34	1 14	1 59	34 8	11 54	1 53	1 19	18 36		n.a.
F 9	14 7	6 57	2 28	17 22	1 32	5 6	2 3	12 2	1 2	7 24	1 39	0 37	2 22	5 10	0 34	1 13	1 59	34 8	11 54	1 53	1 18	18 36		n.a.
S 10	14 27	2 53	1 21	17 56	1 37	4 41	2 5	11 52	1 0	7 24	1 38	0 39	2 22	5 9	0 34	1 12	1 59	34 8	11 54	1 54	1 17	18 36		n.a.
S 11	14 47	1n28	0 7	18 28	1 41	4 15	2 7	11 42	0 57	7 25	1 38	0 42	2 22	5 8	0 34	1 12	2 0	34 7	11 54	1 54	1 16	18 36		n.a.
M12	15 6	5 53	1s 9	19 0	1 45	3 49	2 9	11 32	0 55	7 25	1 38	0 44	2 22	5 8	0 34	1 11	2 0	34 7	11 53	1 54	1 14	18 36		n.a.
T 13	15 26	10 6	2 22	19 31	1 49	3 23	2 11	11 22	0 52	7 26	1 37	0 47	2 23	5 7	0 34	1 10	2 0	34 7	11 53	1 53	1 13	18 37		n.a.
W14	15 45	13 46	3 28	20 1	1 53	2 56	2 12	11 11	0 50	7 26	1 37	0 49	2 23	5 6	0 34	1 9	2 0	34 6	11 53	1 51	1 12	18 37		n.a.
T 15	16 4	16 34	4 21	20 30	1 56	2 30	2 14	11 1	0 48	7 26	1 37	0 51	2 23	5 5	0 34	1 9	2 0	34 6	11 53	1 49	1 10	18 37		n.a.
F 16	16 23	18 15	4 55	20 58	1 59	2 3	2 15	10 51	0 46	7 26	1 36	0 54	2 23	5 4	0 34	1 8	2 0	34 6	11 53	1 47	1 9	18 37		n.a.
S 17	16 41	18 40	5 9	21 24	2 2	1 36	2 16	10 40	0 44	7 26	1 36	0 56	2 23	5 4	0 34	1 7	2 0	34 5	11 52	1 44	1 8	18 37		n.a.
S 18	16 59	17 49	5 3	21 50	2 4	1 9	2 17	10 29	0 41	7 26	1 36	0 58	2 23	5 3	0 34	1 7	2 0	34 5	11 52	1 42	1 7	18 37		n.a.
M19	17 17	15 50	4 38	22 14	2 6	0 41	2 18	10 18	0 39	7 26	1 35	1 1	2 23	5 2	0 33	1 6	2 0	34 5	11 52	1 41	1 5	18 38		n.a.
T 20	17 34	12 58	3 56	22 37	2 7	0 14	2 19	10 7	0 37	7 26	1 35	1 3	2 23	5 1	0 33	1 5	2 0	34 4	11 52	1 40	1 4	18 38		n.a.
W21	17 51	9 28	3 2	22 58	2 8	0s14	2 20	9 56	0 35	7 25	1 35	1 5	2 24	5 0	0 33	1 5	2 0	34 4	11 51	1 41	1 3	18 38		n.a.
T 22	18 8	5 33	2 0	23 18	2 9	0 41	2 20	9 45	0 33	7 25	1 34	1 7	2 24	5 0	0 33	1 4	2 0	34 3	11 51	1 41	1 1	18 38		n.a.
F 23	18 25	1 28	0 53	23 36	2 9	1 9	2 21	9 34	0 31	7 25	1 34	1 9	2 24	4 59	0 33	1 4	2 0	34 3	11 51	1 42	1 0	18 38		n.a.
S 24	18 41	2s37	0n16	23 53	2 8	1 37	2 21	9 22	0 29	7 24	1 34	1 12	2 24	4 58	0 33	1 3	2 0	34 3	11 51	1 42	0 59	18 38		n.a.
S 25	18 56	6 32	1 22	24 7	2 7	2 5	2 22	9 11	0 28	7 23	1 33	1 14	2 24	4 58	0 33	1 2	2 0	34 2	11 51	1 41	0 58	18 38		n.a.
M26	19 12	10 6	2 24	24 21	2 5	2 33	2 22	8 59	0 26	7 23	1 33	1 16	2 24	4 57	0 33	1 2	2 0	34 2	11 50	1 40	0 56	18 38		n.a.
T 27	19 27	13 12	3 18	24 32	2 3	3 1	2 22	8 47	0 24	7 22	1 33	1 18	2 24	4 56	0 33	1 1	2 0	34 2	11 50	1 37	0 55	18 39		n.a.
W28	19 42	15 42	4 2	24 41	2 0	3 29	2 22	8 36	0 22	7 21	1 32	1 20	2 25	4 56	0 33	1 1	2 0	34 1	11 50	1 34	0 54	18 39		n.a.
T 29	19 56	17 30	4 35	24 49	1 56	3 57	2 21	8 24	0 20	7 20	1 32	1 22	2 25	4 55	0 33	1 0	2 0	34 1	11 50	1 29	0 52	18 39		n.a.
F 30	20s10	18s32	4n56	24s55	1s52	4s25	2n21	8s12	0s19	7s19	1s31	1s24	2n25	4n55	0s33	1n 0	2n 0	34s 0	11s50	1s25	0s51	18s39		n.a.

Julian Day Number = 1294750.5, Delta T = 07h55m53s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'59, Lahiri = -20°04'58 Julian Calendar 1 Nov. 1169 BCE == Greg. Calendar 21 Oct. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1169 BCE
geocentric

DECEMBER 1169 BCE (-1168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 50	29♏35'00	2♉ 0	17♐15	17♎40	10♓33	15♓16	9♎ 4	13°R29	2♎ 7	19♉56	3°R18	2♎ 4	25♐50	n.a.	S 1
S 2	4 0 47	0♐36'17	13°51	18°38	18°51	11° 0	15°18	9° 9	13♈28	2° 8	19°57	3♎ 8	2° 0	25°56	n.a.	S 2
M 3	4 4 43	1°37'33	25°43	19°59	20° 3	11°28	15°21	9°14	13°26	2° 9	19°58	3° 0	1°57	26° 3	n.a.	M 3
T 4	4 8 40	2°38'49	7♒40	21°15	21°14	11°56	15°23	9°20	13°25	2°11	19°59	2°54	1°54	26°10	n.a.	T 4
W 5	4 12 36	3°40'04	19°46	22°28	22°26	12°25	15°26	9°25	13°23	2°12	20° 1	2°51	1°51	26°16	n.a.	W 5
T 6	4 16 33	4°41'17	2♓ 6	23°35	23°38	12°53	15°29	9°30	13°22	2°13	20° 2	2°D49	1°48	26°23	n.a.	T 6
F 7	4 20 29	5°42'30	14°44	24°37	24°49	13°22	15°32	9°35	13°21	2°15	20° 3	2°50	1°44	26°30	n.a.	F 7
S 8	4 24 26	6°43'42	27°46	25°32	26° 1	13°51	15°36	9°39	13°20	2°16	20° 4	2°R50	1°41	26°37	n.a.	S 8
S 9	4 28 22	7°44'53	11♈14	26°19	27°13	14°20	15°40	9°44	13°18	2°17	20° 6	2°50	1°38	26°43	n.a.	S 9
M10	4 32 19	8°46'03	25°12	26°58	28°25	14°49	15°43	9°49	13°17	2°18	20° 7	2°48	1°35	26°50	n.a.	M10
T 11	4 36 16	9°47'12	9♉40	27°28	29°37	15°19	15°47	9°54	13°16	2°19	20° 8	2°44	1°32	26°57	n.a.	T 11
W12	4 40 12	10°48'20	24°33	27°48	0♏49	15°48	15°52	9°58	13°15	2°20	20°10	2°36	1°29	27° 3	n.a.	W12
T 13	4 44 9	11°49'27	9♊45	27°R58	2° 1	16°18	15°56	10° 3	13°14	2°21	20°11	2°27	1°25	27°10	n.a.	T 13
F 14	4 48 5	12°50'33	25° 5	27°56	3°14	16°48	16° 1	10° 7	13°13	2°22	20°12	2°16	1°22	27°17	n.a.	F 14
S 15	4 52 2	13°51'39	10♋22	27°42	4°26	17°18	16° 6	10°11	13°12	2°23	20°14	2° 5	1°19	27°24	n.a.	S 15
S 16	4 55 58	14°52'43	25°24	27°17	5°38	17°49	16°10	10°16	13°11	2°24	20°15	1°56	1°16	27°30	n.a.	S 16
M17	4 59 55	15°53'47	10♌ 3	26°41	6°51	18°19	16°16	10°20	13°11	2°25	20°17	1°49	1°13	27°37	n.a.	M17
T 18	5 3 51	16°54'50	24°15	25°54	8° 3	18°50	16°21	10°24	13°10	2°26	20°18	1°45	1°10	27°44	n.a.	T 18
W19	5 7 48	17°55'52	7♍58	24°58	9°16	19°21	16°26	10°28	13° 9	2°27	20°19	1°43	1° 6	27°51	n.a.	W19
T 20	5 11 45	18°56'53	21°15	23°54	10°28	19°52	16°32	10°32	13° 9	2°28	20°21	1°D43	1° 3	27°57	n.a.	T 20
F 21	5 15 41	19°57'54	4♎ 8	22°45	11°41	20°23	16°38	10°36	13° 8	2°29	20°22	1°R43	1° 0	28° 4	n.a.	F 21
S 22	5 19 38	20°58'53	16°43	21°32	12°54	20°54	16°44	10°40	13° 7	2°30	20°24	1°42	0°57	28°11	n.a.	S 22
S 23	5 23 34	21°59'52	29° 2	20°17	14° 6	21°26	16°50	10°43	13° 7	2°30	20°25	1°39	0°54	28°17	n.a.	S 23
M24	5 27 31	23° 0'50	11♏11	19° 3	15°19	21°57	16°56	10°47	13° 6	2°31	20°27	1°34	0°50	28°24	n.a.	M24
T 25	5 31 27	24° 1'46	23°13	17°52	16°32	22°29	17° 3	10°50	13° 6	2°32	20°28	1°25	0°47	28°31	n.a.	T 25
W26	5 35 24	25° 2'41	5♐ 9	16°45	17°45	23° 1	17°10	10°54	13° 6	2°32	20°30	1°13	0°44	28°38	n.a.	W26
T 27	5 39 21	26° 3'36	17° 3	15°44	18°58	23°33	17°16	10°57	13° 5	2°33	20°31	0°59	0°41	28°44	n.a.	T 27
F 28	5 43 17	27° 4'28	28°55	14°50	20°10	24° 5	17°23	11° 0	13° 5	2°34	20°33	0°44	0°38	28°51	n.a.	F 28
S 29	5 47 14	28° 5'20	10♑47	14° 3	21°23	24°37	17°31	11° 4	13° 5	2°34	20°35	0°29	0°35	28°58	n.a.	S 29
S 30	5 51 10	29° 6'10	22°40	13°25	22°36	25° 9	17°38	11° 7	13° 5	2°35	20°36	0°15	0°31	29° 5	n.a.	S 30
M31	5 55 7	0♑ 6'58	4♒36	12♐55	23♏49	25♓42	17♓45	11♎10	13♈ 5	2♎35	20♑38	0♎ 3	0♎28	29♐11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s23	18s45	5n 4	24s58	1s46	4s53	2n21	8s 0	0s17	7s18	1s31	1s26	2n25	4n54	0s33	0n59	2n 1	34s 0	11s49	1s20	0s50	18s39		n.a.
S 2	20 37	18 8	4 59	24 59	1 40	5 21	2 20	7 48	0 15	7 17	1 31	1 28	2 25	4 53	0 33	0 59	2 1	34 0	11 49	1 16	0 49	18 39		n.a.
M 3	20 49	16 45	4 41	24 59	1 32	5 49	2 20	7 35	0 14	7 15	1 30	1 30	2 25	4 53	0 33	0 58	2 1	33 59	11 49	1 13	0 47	18 39		n.a.
T 4	21 2	14 37	4 11	24 56	1 24	6 16	2 19	7 23	0 12	7 14	1 30	1 32	2 26	4 52	0 33	0 58	2 1	33 59	11 49	1 10	0 46	18 39		n.a.
W 5	21 14	11 50	3 29	24 51	1 15	6 44	2 18	7 11	0 11	7 12	1 30	1 34	2 26	4 52	0 33	0 57	2 1	33 59	11 49	1 9	0 45	18 40		n.a.
T 6	21 25	8 28	2 36	24 44	1 4	7 12	2 17	6 58	0 9	7 11	1 29	1 35	2 26	4 51	0 33	0 57	2 1	33 58	11 49	1 8	0 43	18 40		n.a.
F 7	21 37	4 39	1 35	24 36	0 53	7 39	2 16	6 45	0 7	7 9	1 29	1 37	2 26	4 51	0 33	0 56	2 1	33 58	11 48	1 9	0 42	18 40		n.a.
S 8	21 47	0 30	0 27	24 25	0 40	8 7	2 15	6 33	0 6	7 8	1 29	1 39	2 26	4 50	0 33	0 56	2 1	33 58	11 48	1 9	0 41	18 40		n.a.
S 9	21 58	3n50	0s45	24 13	0 26	8 34	2 14	6 20	0 5	7 6	1 28	1 41	2 27	4 50	0 33	0 55	2 1	33 57	11 48	1 9	0 40	18 40		n.a.
M10	22 7	8 7	1 56	23 59	0 11	9 1	2 13	6 7	0 3	7 4	1 28	1 42	2 27	4 49	0 33	0 55	2 1	33 57	11 48	1 8	0 38	18 40		n.a.
T 11	22 17	12 4	3 2	23 43	0n 5	9 28	2 11	5 54	0 2	7 2	1 28	1 44	2 27	4 49	0 33	0 55	2 1	33 56	11 48	1 6	0 37	18 40		n.a.
W12	22 26	15 22	3 58	23 27	0 22	9 55	2 10	5 41	0 0	7 0	1 27	1 46	2 27	4 49	0 33	0 54	2 1	33 56	11 48	1 3	0 36	18 40		n.a.
T 13	22 34	17 41	4 39	23 9	0 40	10 22	2 8	5 28	0n 1	6 58	1 27	1 47	2 27	4 48	0 33	0 54	2 1	33 56	11 48	0 59	0 34	18 40		n.a.
F 14	22 43	18 45	4 59	22 51	0 58	10 48	2 7	5 15	0 2	6 56	1 27	1 49	2 28	4 48	0 33	0 53	2 1	33 55	11 47	0 55	0 33	18 40		n.a.
S 15	22 50	18 27	4 59	22 31	1 17	11 15	2 5	5 2	0 4	6 54	1 26	1 50	2 28	4 48	0 33	0 53	2 1	33 55	11 47	0 51	0 32	18 40		n.a.
S 16	22 57	16 52	4 37	22 12	1 36	11 41	2 3	4 49	0 5	6 52	1 26	1 52	2 28	4 47	0 33	0 53	2 1	33 55	11 47	0 47	0 31	18 40		n.a.
M17	23 4	14 12	3 58	21 52	1 55	12 7	2 2	4 36	0 6	6 49	1 26	1 53	2 28	4 47	0 33	0 52	2 2	33 54	11 47	0 44	0 29	18 40		n.a.
T 18	23 11	10 45	3 5	21 33	2 13	12 32	2 0	4 22	0 8	6 47	1 25	1 55	2 28	4 47	0 33	0 52	2 2	33 54	11 47	0 42	0 28	18 41		n.a.
W19	23 16	6 50	2 2	21 13	2 31	12 57	1 58	4 9	0 9	6 44	1 25	1 56	2 29	4 47	0 33	0 52	2 2	33 54	11 47	0 42	0 27	18 41		n.a.
T 20	23 22	2 41	0 55	20 55	2 47	13 22	1 56	3 55	0 10	6 42	1 25	1 58	2 29	4 46	0 33	0 52	2 2	33 53	11 47	0 42	0 26	18 41		n.a.
F 21	23 27	1s29	0n13	20 37	3 1	13 47	1 54	3 42	0 11	6 39	1 24	1 59	2 29	4 46	0 33	0 51	2 2	33 53	11 47	0 42	0 24	18 41		n.a.
S 22	23 31	5 28	1 19	20 20	3 13	14 12	1 52	3 28	0 12	6 37	1 24	2 0	2 29	4 46	0 32	0 51	2 2	33 53	11 46	0 41	0 23	18 41		n.a.
S 23	23 35	9 9	2 19	20 5	3 24	14 36	1 49	3 15	0 13	6 34	1 24	2 2	2 29	4 46	0 32	0 51	2 2	33 52	11 46	0 40	0 22	18 41		n.a.
M24	23 39	12 23	3 12	19 52	3 31	14 59	1 47	3 1	0 15	6 31	1 24	2 3	2 30	4 46	0 32	0 51	2 2	33 52	11 46	0 38	0 20	18 41		n.a.
T 25	23 42	15 4	3 56	19 40	3 37	15 23	1 45	2 47	0 16	6 28	1 23	2 4	2 30	4 46	0 32	0 50	2 2	33 51	11 46	0 34	0 19	18 41		n.a.
W26	23 44	17 5	4 29	19 31	3 40	15 46	1 42	2 34	0 17	6 25	1 23	2 5	2 30	4 45	0 32	0 50	2 2	33 51	11 46	0 30	0 18	18 41		n.a.
T 27	23 46	18 22	4 51	19 24	3 40	16 9	1 40	2 20	0 18	6 22	1 23	2 6	2 30	4 45	0 32	0 50	2 2	33 51	11 46	0 24	0 17	18 41		n.a.
F 28	23 48	18 51	4 59	19 20	3 39	16 31	1 37	2 6	0 19	6 19	1 22	2 7	2 30	4 45	0 32	0 50	2 2	33 50	11 46	0 18	0 15	18 41		n.a.
S 29	23 49	18 30	4 54	19 18	3 36	16 53	1 35	1 52	0 20	6 16	1 22	2 8	2 31	4 45	0 32	0 50	2 2	33 50	11 46	0 12	0 14	18 41		n.a.
S 30	23 50	17 20	4 37	19 18	3 31	17 14	1 32	1 38	0 21	6 13	1 22	2 9	2 31	4 45	0 32	0 50	2 2	33 50	11 46	0 6	0 13	18 41		n.a.
M31	23s50	15s25	4n 7	19s20	3n25	17s35	1n30	1s24	0n22	6s10	1s21	2s10	2n31	4n45	0s32	0n49	2n 3	33s49	11s46	0s 1	0s11	18s41		n.a.

Julian Day Number = 1294780.5, Delta T = 07h55m52s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'55, Lahiri = -20°04'54 Julian Calendar 1 Dec. 1169 BCE == Greg. Calendar 20 Nov. 1169 BCE

The year -1168 astronomical counting style corresponds to year 1169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

JANUARY 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 3	1♉ 7'44	16♒37	12°R34	25♏ 2	26♓14	17♓53	11♎13	13°D 5	2♎36	20♉39	29°R54	0♎25	29♐18	n.a.	T 1
W 2	6 3 0	2° 8'29	28°46	12♐20	26°15	26°47	18° 1	11°15	13♈ 5	2°36	20°41	29♍49	0°22	29°25	n.a.	W 2
T 3	6 6 56	3° 9'12	11♓ 6	12°D14	27°28	27°19	18° 9	11°18	13° 5	2°36	20°43	29°46	0°19	29°31	n.a.	T 3
F 4	6 10 53	4° 9'53	23°41	12°16	28°41	27°52	18°17	11°21	13° 5	2°37	20°44	29°45	0°15	29°38	n.a.	F 4
S 5	6 14 50	5°10'33	6♈36	12°24	29°54	28°25	18°25	11°23	13° 5	2°37	20°46	29°45	0°12	29°45	n.a.	S 5
S 6	6 18 46	6°11'10	19°55	12°39	1♐ 7	28°58	18°33	11°26	13° 5	2°37	20°47	29°44	0° 9	29°52	n.a.	S 6
M 7	6 22 43	7°11'45	3♉42	13° 0	2°21	29°31	18°42	11°28	13° 6	2°38	20°49	29°42	0° 6	29°58	n.a.	M 7
T 8	6 26 39	8°12'19	17°57	13°26	3°34	0♈ 5	18°50	11°30	13° 6	2°38	20°51	29°38	0° 3	0♉ 5	n.a.	T 8
W 9	6 30 36	9°12'51	2♊40	13°58	4°47	0°38	18°59	11°32	13° 7	2°38	20°52	29°30	29♍59	0°12	n.a.	W 9
T 10	6 34 32	10°13'20	17°45	14°34	6° 0	1°11	19° 8	11°34	13° 7	2°38	20°54	29°21	29°56	0°19	n.a.	T 10
F 11	6 38 29	11°13'48	3♋ 4	15°15	7°13	1°45	19°17	11°36	13° 8	2°38	20°56	29°10	29°53	0°25	n.a.	F 11
S 12	6 42 25	12°14'14	18°25	16° 0	8°26	2°18	19°26	11°38	13° 8	2°38	20°57	28°59	29°50	0°32	n.a.	S 12
S 13	6 46 22	13°14'38	3♌37	16°48	9°39	2°52	19°36	11°40	13° 9	2°38	20°59	28°49	29°47	0°39	n.a.	S 13
M14	6 50 19	14°15'01	18°28	17°40	10°53	3°26	19°45	11°42	13° 9	2°R38	21° 1	28°41	29°44	0°45	n.a.	M14
T 15	6 54 15	15°15'21	2♍53	18°35	12° 6	4° 0	19°54	11°43	13°10	2°38	21° 2	28°36	29°41	0°52	n.a.	T 15
W16	6 58 12	16°15'40	16°48	19°33	13°19	4°33	20° 4	11°45	13°11	2°38	21° 4	28°34	29°37	0°59	n.a.	W16
T 17	7 2 8	17°15'58	0♎14	20°34	14°32	5° 7	20°14	11°46	13°12	2°38	21° 6	28°D33	29°34	1° 6	n.a.	T 17
F 18	7 6 5	18°16'13	13°13	21°37	15°46	5°41	20°24	11°47	13°13	2°38	21° 7	28°R34	29°31	1°12	n.a.	F 18
S 19	7 10 1	19°16'27	25°49	22°42	16°59	6°15	20°34	11°49	13°13	2°38	21° 9	28°34	29°28	1°19	n.a.	S 19
S 20	7 13 58	20°16'40	8♏ 8	23°50	18°12	6°49	20°44	11°50	13°14	2°38	21°11	28°32	29°25	1°26	n.a.	S 20
M21	7 17 54	21°16'51	20°13	25° 0	19°26	7°24	20°54	11°51	13°15	2°38	21°12	28°28	29°21	1°33	n.a.	M21
T 22	7 21 51	22°17'00	2♐10	26°12	20°39	7°58	21° 4	11°52	13°17	2°37	21°14	28°22	29°18	1°39	n.a.	T 22
W23	7 25 48	23°17'07	14° 3	27°25	21°52	8°32	21°15	11°52	13°18	2°37	21°16	28°12	29°15	1°46	n.a.	W23
T 24	7 29 44	24°17'12	25°54	28°41	23° 6	9° 7	21°25	11°53	13°19	2°37	21°17	28° 1	29°12	1°53	n.a.	T 24
F 25	7 33 41	25°17'16	7♑45	29°58	24°19	9°41	21°36	11°54	13°20	2°36	21°19	27°49	29° 9	1°59	n.a.	F 25
S 26	7 37 37	26°17'17	19°40	1♑17	25°32	10°16	21°47	11°54	13°21	2°36	21°21	27°36	29° 6	2° 6	n.a.	S 26
S 27	7 41 34	27°17'17	1♒38	2°37	26°46	10°50	21°58	11°54	13°23	2°36	21°22	27°25	29° 2	2°13	n.a.	S 27
M28	7 45 30	28°17'14	13°42	3°59	27°59	11°25	22° 9	11°55	13°24	2°35	21°24	27°15	28°59	2°20	n.a.	M28
T 29	7 49 27	29°17'09	25°52	5°22	29°12	12° 0	22°20	11°55	13°25	2°35	21°26	27° 8	28°56	2°26	n.a.	T 29
W30	7 53 23	0♒17'02	8♓11	6°46	0♑26	12°34	22°31	11°R55	13°27	2°34	21°27	27° 4	28°53	2°33	n.a.	W30
T 31	7 57 20	1♒16'53	20♓40	8♑12	1♑39	13♈ 9	22♓42	11♎55	13♈28	2♎34	21♑29	27♍ 2	28♍50	2♑40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s50	12s50	3n27	19s25	3n17	17s56	1n27	1s10	0n23	6s 6	1s21	2s11	2n31	4n45	0s32	0n49	2n 3	33s49	11s46	0n 2	0s10	18s41			n.a.
W 2	23 49	9 40	2 36	19 31	3 9	18 16	1 24	0 56	0 24	6 3	1 21	2 12	2 32	4 45	0 32	0 49	2 3	33 49	11 46	0 5	0 9	18 41			n.a.
T 3	23 48	6 2	1 37	19 40	3 0	18 36	1 22	0 42	0 25	6 0	1 21	2 13	2 32	4 45	0 32	0 49	2 3	33 49	11 46	0 6	0 8	18 41			n.a.
F 4	23 46	2 4	0 32	19 50	2 50	18 55	1 19	0 28	0 26	5 56	1 20	2 14	2 32	4 45	0 32	0 49	2 3	33 48	11 45	0 6	0 6	18 41			n.a.
S 5	23 44	2n 7	0s36	20 1	2 39	19 13	1 16	0 14	0 27	5 53	1 20	2 15	2 32	4 46	0 32	0 49	2 3	33 48	11 45	0 6	0 5	18 41			n.a.
S 6	23 41	6 18	1 45	20 13	2 29	19 32	1 13	0n 0	0 28	5 49	1 20	2 15	2 33	4 46	0 32	0 49	2 3	33 48	11 45	0 6	0 4	18 41			n.a.
M 7	23 38	10 18	2 49	20 27	2 18	19 49	1 10	0 15	0 29	5 45	1 19	2 16	2 33	4 46	0 32	0 49	2 3	33 47	11 45	0 7	0 2	18 41			n.a.
T 8	23 34	13 51	3 45	20 41	2 7	20 6	1 7	0 29	0 29	5 42	1 19	2 17	2 33	4 46	0 32	0 49	2 3	33 47	11 45	0 9	0 1	18 41			n.a.
W 9	23 30	16 39	4 29	20 56	1 56	20 23	1 4	0 43	0 30	5 38	1 19	2 17	2 33	4 46	0 32	0 49	2 3	33 47	11 45	0 12	0n 0	18 41			n.a.
T 10	23 26	18 22	4 55	21 11	1 45	20 39	1 2	0 57	0 31	5 34	1 19	2 18	2 34	4 46	0 32	0 49	2 3	33 46	11 45	0 16	0 1	18 41			n.a.
F 11	23 21	18 48	5 0	21 27	1 34	20 55	0 59	1 12	0 32	5 30	1 18	2 19	2 34	4 47	0 32	0 49	2 3	33 46	11 45	0 20	0 3	18 41			n.a.
S 12	23 15	17 51	4 44	21 42	1 23	21 9	0 56	1 26	0 33	5 26	1 18	2 19	2 34	4 47	0 32	0 49	2 3	33 46	11 45	0 25	0 4	18 41			n.a.
S 13	23 10	15 39	4 8	21 58	1 12	21 24	0 53	1 40	0 34	5 22	1 18	2 20	2 34	4 47	0 32	0 49	2 3	33 46	11 45	0 29	0 5	18 41			n.a.
M14	23 3	12 27	3 15	22 14	1 1	21 37	0 50	1 55	0 34	5 18	1 18	2 20	2 35	4 47	0 32	0 49	2 4	33 45	11 45	0 32	0 7	18 41			n.a.
T 15	22 57	8 34	2 12	22 29	0 51	21 50	0 47	2 9	0 35	5 14	1 17	2 20	2 35	4 48	0 32	0 49	2 4	33 45	11 45	0 34	0 8	18 41			n.a.
W16	22 49	4 21	1 2	22 44	0 41	22 3	0 44	2 23	0 36	5 10	1 17	2 21	2 35	4 48	0 32	0 49	2 4	33 45	11 45	0 35	0 9	18 41			n.a.
T 17	22 42	0 2	0n 9	22 59	0 30	22 15	0 41	2 38	0 37	5 6	1 17	2 21	2 35	4 48	0 32	0 49	2 4	33 44	11 45	0 35	0 10	18 41			n.a.
F 18	22 34	4s 7	1 17	23 13	0 21	22 26	0 38	2 52	0 37	5 2	1 17	2 21	2 36	4 49	0 32	0 49	2 4	33 44	11 45	0 35	0 12	18 41			n.a.
S 19	22 25	7 58	2 19	23 27	0 11	22 37	0 35	3 6	0 38	4 58	1 16	2 22	2 36	4 49	0 32	0 50	2 4	33 44	11 45	0 35	0 13	18 41			n.a.
S 20	22 16	11 24	3 14	23 40	0 2	22 46	0 32	3 21	0 39	4 54	1 16	2 22	2 36	4 50	0 31	0 50	2 4	33 44	11 45	0 36	0 14	18 41			n.a.
M21	22 7	14 16	3 58	23 52	0s 8	22 56	0 29	3 35	0 40	4 49	1 16	2 22	2 36	4 50	0 31	0 50	2 4	33 43	11 45	0 37	0 16	18 41			n.a.
T 22	21 57	16 30	4 32	24 3	0 16	23 4	0 26	3 50	0 40	4 45	1 16	2 22	2 37	4 51	0 31	0 50	2 4	33 43	11 46	0 40	0 17	18 41			n.a.
W23	21 47	18 0	4 54	24 13	0 25	23 12	0 22	4 4	0 41	4 41	1 15	2 22	2 37	4 51	0 31	0 50	2 4	33 43	11 46	0 43	0 18	18 41			n.a.
T 24	21 37	18 44	5 2	24 23	0 33	23 19	0 19	4 18	0 42	4 36	1 15	2 22	2 37	4 52	0 31	0 50	2 4	33 43	11 46	0 48	0 19	18 41			n.a.
F 25	21 26	18 38	4 58	24 31	0 41	23 26	0 16	4 33	0 42	4 32	1 15	2 22	2 37	4 52	0 31	0 51	2 4	33 42	11 46	0 53	0 21	18 41			n.a.
S 26	21 14	17 44	4 41	24 38	0 49	23 32	0 14	4 47	0 43	4 27	1 15	2 22	2 37	4 53	0 31	0 51	2 4	33 42	11 46	0 58	0 22	18 41			n.a.
S 27	21 3	16 2	4 11	24 45	0 56	23 37	0 11	5 1	0 44	4 22	1 14	2 22	2 38	4 53	0 31	0 51	2 4	33 42	11 46	1 3	0 23	18 41			n.a.
M28	20 50	13 38	3 30	24 50	1 3	23 41	0 8	5 16	0 44	4 18	1 14	2 22	2 38	4 54	0 31	0 51	2 4	33 42	11 46	1 7	0 25	18 40			n.a.
T 29	20 38	10 37	2 39	24 53	1 10	23 45	0 5	5 30	0 45	4 13	1 14	2 22	2 38	4 54	0 31	0 52	2 5	33 42	11 46	1 9	0 26	18 40			n.a.
W30	20 25	7 6	1 39	24 56	1 17	23 48	0 2	5 45	0 45	4 9	1 14	2 22	2 38	4 55	0 31	0 52	2 5	33 41	11 46	1 11	0 27	18 40			n.a.
T 31	20s12	3s14	0n34	24s57	1s23	23s50	0s 1	5n59	0n46	4s 4	1s14	2s21	2n39	4n56	0s31	0n52	2n 5	33s41	11s46	1n12	0n28	18s40			n.a.

Julian Day Number = 1294811.5, Delta T = 07h55m50s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'51, Lahiri = -20°04'50 Julian Calendar 1 Jan. 1168 BCE == Greg. Calendar 21 Dec. 1169 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

FEBRUARY 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 1 16	2♒16'41	3♈22	9♉39	2♉53	13♈44	22♓53	11°R55	13♈30	2°R33	21♉31	27°D 2	28♍47	2♉46	n.a.	F 1
S 2	8 5 13	3°16'27	16°20	11° 8	4° 6	14°19	23° 5	11♎54	13°32	2♎32	21°32	27♍ 3	28°43	2°53	n.a.	S 2
S 3	8 9 10	4°16'11	29°37	12°38	5°19	14°54	23°16	11°54	13°33	2°32	21°34	27°R 4	28°40	3° 0	n.a.	S 3
M 4	8 13 6	5°15'52	13♉17	14° 9	6°33	15°29	23°28	11°54	13°35	2°31	21°36	27° 3	28°37	3° 7	n.a.	M 4
T 5	8 17 3	6°15'31	27°20	15°41	7°46	16° 4	23°40	11°53	13°37	2°30	21°37	27° 1	28°34	3°13	n.a.	T 5
W 6	8 20 59	7°15'07	11♊45	17°15	8°59	16°39	23°51	11°53	13°38	2°30	21°39	26°57	28°31	3°20	n.a.	W 6
T 7	8 24 56	8°14'41	26°31	18°50	10°13	17°14	24° 3	11°52	13°40	2°29	21°40	26°51	28°27	3°27	n.a.	T 7
F 8	8 28 52	9°14'12	11♋31	20°26	11°26	17°49	24°15	11°51	13°42	2°28	21°42	26°44	28°24	3°34	n.a.	F 8
S 9	8 32 49	10°13'42	26°37	22° 4	12°40	18°24	24°27	11°50	13°44	2°27	21°44	26°37	28°21	3°40	n.a.	S 9
S 10	8 36 45	11°13'08	11♌38	23°42	13°53	19° 0	24°39	11°49	13°46	2°26	21°45	26°30	28°18	3°47	n.a.	S 10
M11	8 40 42	12°12'33	26°25	25°22	15° 6	19°35	24°51	11°48	13°48	2°26	21°47	26°25	28°15	3°54	n.a.	M11
T 12	8 44 39	13°11'56	10♍52	27° 4	16°20	20°10	25° 4	11°47	13°50	2°25	21°48	26°22	28°12	4° 0	n.a.	T 12
W13	8 48 35	14°11'16	24°52	28°46	17°33	20°46	25°16	11°45	13°52	2°24	21°50	26°D21	28° 8	4° 7	n.a.	W13
T 14	8 52 32	15°10'34	8♎25	0♒30	18°47	21°21	25°28	11°44	13°54	2°23	21°52	26°22	28° 5	4°14	n.a.	T 14
F 15	8 56 28	16° 9'51	21°31	2°15	20° 0	21°56	25°41	11°43	13°57	2°22	21°53	26°23	28° 2	4°21	n.a.	F 15
S 16	9 0 25	17° 9'05	4♏14	4° 2	21°13	22°32	25°53	11°41	13°59	2°21	21°55	26°25	27°59	4°27	n.a.	S 16
S 17	9 4 21	18° 8'18	16°37	5°49	22°27	23° 7	26° 6	11°39	14° 1	2°20	21°56	26°R26	27°56	4°34	n.a.	S 17
M18	9 8 18	19° 7'29	28°45	7°39	23°40	23°43	26°19	11°37	14° 3	2°19	21°58	26°25	27°53	4°41	n.a.	M18
T 19	9 12 14	20° 6'38	10♐43	9°29	24°54	24°18	26°31	11°36	14° 6	2°18	21°59	26°23	27°49	4°48	n.a.	T 19
W20	9 16 11	21° 5'45	22°36	11°21	26° 7	24°54	26°44	11°34	14° 8	2°17	22° 1	26°19	27°46	4°54	n.a.	W20
T 21	9 20 7	22° 4'50	4♑27	13°14	27°20	25°30	26°57	11°32	14°10	2°15	22° 2	26°14	27°43	5° 1	n.a.	T 21
F 22	9 24 4	23° 3'53	16°20	15° 9	28°34	26° 5	27°10	11°29	14°13	2°14	22° 4	26° 8	27°40	5° 8	n.a.	F 22
S 23	9 28 1	24° 2'54	28°18	17° 5	29°47	26°41	27°23	11°27	14°15	2°13	22° 5	26° 2	27°37	5°14	n.a.	S 23
S 24	9 31 57	25° 1'53	10♒23	19° 2	1♒ 1	27°17	27°36	11°25	14°18	2°12	22° 7	25°57	27°33	5°21	n.a.	S 24
M25	9 35 54	26° 0'50	22°37	21° 1	2°14	27°52	27°49	11°23	14°20	2°11	22° 8	25°52	27°30	5°28	n.a.	M25
T 26	9 39 50	26°59'44	5♓ 1	23° 0	3°28	28°28	28° 2	11°20	14°23	2° 9	22°10	25°49	27°27	5°35	n.a.	T 26
W27	9 43 47	27°58'37	17°36	25° 1	4°41	29° 4	28°15	11°18	14°26	2° 8	22°11	25°48	27°24	5°41	n.a.	W27
T 28	9 47 43	28♒57'27	0♈23	27♒ 4	5♒54	29♈40	28♓28	11♎15	14♈28	2♎ 7	22♉12	25°D47	27♍21	5♉48	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s58	0n50	0s34	24s57	1s28	23s52	0s 4	6n13	0n47	3s59	1s13	2s21	2n39	4n56	0s31	0n52	2n 5	33s41	11s46	1n12	0n30	18s40		n.a.
S 2	19 45	4 58	1 42	24 55	1 34	23 53	0 7	6 27	0 47	3 54	1 13	2 21	2 39	4 57	0 31	0 53	2 5	33 41	11 46	1 12	0 31	18 40		n.a.
S 3	19 30	8 56	2 46	24 52	1 39	23 53	0 10	6 42	0 48	3 50	1 13	2 20	2 39	4 58	0 31	0 53	2 5	33 41	11 46	1 11	0 32	18 40		n.a.
M 4	19 16	12 33	3 42	24 47	1 44	23 52	0 13	6 56	0 48	3 45	1 13	2 20	2 40	4 58	0 31	0 53	2 5	33 40	11 47	1 11	0 34	18 40		n.a.
T 5	19 1	15 33	4 27	24 41	1 48	23 51	0 15	7 10	0 49	3 40	1 12	2 20	2 40	4 59	0 31	0 54	2 5	33 40	11 47	1 12	0 35	18 40		n.a.
W 6	18 46	17 40	4 57	24 33	1 52	23 49	0 18	7 24	0 49	3 35	1 12	2 19	2 40	5 0	0 31	0 54	2 5	33 40	11 47	1 14	0 36	18 40		n.a.
T 7	18 30	18 40	5 7	24 23	1 55	23 47	0 21	7 39	0 50	3 30	1 12	2 19	2 40	5 0	0 31	0 54	2 5	33 40	11 47	1 16	0 37	18 40		n.a.
F 8	18 14	18 23	4 57	24 12	1 58	23 43	0 23	7 53	0 51	3 25	1 12	2 18	2 41	5 1	0 31	0 55	2 5	33 40	11 47	1 19	0 39	18 40		n.a.
S 9	17 58	16 49	4 27	23 59	2 1	23 39	0 26	8 7	0 51	3 20	1 12	2 17	2 41	5 2	0 31	0 55	2 5	33 40	11 47	1 22	0 40	18 39		n.a.
S 10	17 42	14 6	3 38	23 44	2 3	23 34	0 29	8 21	0 52	3 15	1 12	2 17	2 41	5 3	0 31	0 56	2 5	33 39	11 47	1 25	0 41	18 39		n.a.
M11	17 25	10 30	2 35	23 28	2 5	23 29	0 31	8 35	0 52	3 10	1 11	2 16	2 41	5 4	0 31	0 56	2 5	33 39	11 47	1 27	0 43	18 39		n.a.
T 12	17 8	6 20	1 23	23 9	2 6	23 22	0 34	8 49	0 53	3 5	1 11	2 16	2 42	5 4	0 31	0 56	2 5	33 39	11 48	1 28	0 44	18 39		n.a.
W13	16 50	1 57	0 8	22 49	2 7	23 15	0 36	9 3	0 53	3 0	1 11	2 15	2 42	5 5	0 31	0 57	2 5	33 39	11 48	1 28	0 45	18 39		n.a.
T 14	16 33	2s24	1n 5	22 27	2 8	23 8	0 39	9 17	0 54	2 54	1 11	2 14	2 42	5 6	0 31	0 57	2 6	33 39	11 48	1 28	0 46	18 39		n.a.
F 15	16 15	6 29	2 12	22 3	2 8	22 59	0 41	9 31	0 54	2 49	1 11	2 13	2 42	5 7	0 31	0 58	2 6	33 39	11 48	1 27	0 48	18 39		n.a.
S 16	15 57	10 9	3 11	21 38	2 7	22 50	0 43	9 45	0 54	2 44	1 10	2 12	2 42	5 8	0 31	0 58	2 6	33 39	11 48	1 27	0 49	18 39		n.a.
S 17	15 39	13 15	3 59	21 10	2 7	22 41	0 46	9 59	0 55	2 39	1 10	2 12	2 43	5 9	0 31	0 59	2 6	33 39	11 48	1 27	0 50	18 39		n.a.
M18	15 20	15 44	4 36	20 40	2 5	22 30	0 48	10 12	0 55	2 34	1 10	2 11	2 43	5 10	0 31	0 59	2 6	33 38	11 48	1 27	0 51	18 38		n.a.
T 19	15 1	17 29	5 0	20 9	2 3	22 19	0 50	10 26	0 56	2 28	1 10	2 10	2 43	5 11	0 31	1 0	2 6	33 38	11 49	1 28	0 53	18 38		n.a.
W20	14 42	18 27	5 10	19 35	2 1	22 8	0 52	10 40	0 56	2 23	1 10	2 9	2 43	5 12	0 30	1 0	2 6	33 38	11 49	1 29	0 54	18 38		n.a.
T 21	14 23	18 38	5 8	19 0	1 58	21 55	0 54	10 53	0 57	2 18	1 10	2 8	2 44	5 13	0 30	1 0	2 6	33 38	11 49	1 31	0 55	18 38		n.a.
F 22	14 3	17 59	4 52	18 22	1 54	21 42	0 56	11 7	0 57	2 12	1 9	2 7	2 44	5 14	0 30	1 1	2 6	33 38	11 49	1 34	0 57	18 38		n.a.
S 23	13 43	16 32	4 24	17 43	1 50	21 29	0 58	11 21	0 57	2 7	1 9	2 6	2 44	5 15	0 30	1 2	2 6	33 38	11 49	1 36	0 58	18 38		n.a.
S 24	13 23	14 21	3 43	17 1	1 45	21 14	1 0	11 34	0 58	2 2	1 9	2 5	2 44	5 16	0 30	1 2	2 6	33 38	11 50	1 38	0 59	18 38		n.a.
M25	13 3	11 30	2 52	16 18	1 40	21 0	1 2	11 48	0 58	1 56	1 9	2 3	2 44	5 17	0 30	1 3	2 6	33 38	11 50	1 40	1 0	18 37		n.a.
T 26	12 43	8 6	1 51	15 33	1 34	20 44	1 4	12 1	0 59	1 51	1 9	2 2	2 45	5 18	0 30	1 3	2 6	33 38	11 50	1 41	1 2	18 37		n.a.
W27	12 22	4 17	0 45	14 46	1 28	20 28	1 6	12 14	0 59	1 45	1 9	2 1	2 45	5 19	0 30	1 4	2 6	33 38	11 50	1 42	1 3	18 37		n.a.
T 28	12s 2	0s14	0s25	13s57	1s21	20s11	1s 7	12n28	0n59	1s40	1s 9	2s 0	2n45	5n20	0s30	1n 4	2n 6	33s38	11s50	1n42	1n 4	18s37		n.a.

Julian Day Number = 1294842.5, Delta T = 07h55m49s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'46, Lahiri = -20°04'46 Julian Calendar 1 Feb. 1168 BCE == Greg. Calendar 21 Jan. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

MARCH 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 51 40	29♒56'15	13♈22	29♒ 7	7♒ 8	0♉16	28♓41	11°R12	14♈31	2°R 6	22♑14	25♍48	27♍18	5♑55	n.a.	F 1
S 2	9 55 36	0♓55'00	26°34	1♓11	8°21	0°52	28°55	11♎ 9	14°34	2♎ 4	22°15	25°50	27°14	6° 1	n.a.	S 2
S 3	9 59 33	1°53'44	10♉ 2	3°16	9°35	1°27	29° 8	11° 7	14°36	2° 3	22°16	25°51	27°11	6° 8	n.a.	S 3
M 4	10 3 29	2°52'25	23°45	5°21	10°48	2° 3	29°21	11° 4	14°39	2° 2	22°18	25°52	27° 8	6°15	n.a.	M 4
T 5	10 7 26	3°51'03	7♊44	7°27	12° 2	2°39	29°35	11° 1	14°42	2° 0	22°19	25°R52	27° 5	6°22	n.a.	T 5
W 6	10 11 23	4°49'39	21°57	9°33	13°15	3°15	29°48	10°58	14°45	1°59	22°20	25°52	27° 2	6°28	n.a.	W 6
T 7	10 15 19	5°48'13	6♋24	11°39	14°28	3°51	0♈ 2	10°54	14°48	1°57	22°22	25°50	26°58	6°35	n.a.	T 7
F 8	10 19 16	6°46'45	20°59	13°45	15°42	4°27	0°15	10°51	14°51	1°56	22°23	25°48	26°55	6°42	n.a.	F 8
S 9	10 23 12	7°45'14	5♌38	15°50	16°55	5° 3	0°29	10°48	14°54	1°55	22°24	25°45	26°52	6°49	n.a.	S 9
S 10	10 27 9	8°43'41	20°14	17°54	18° 9	5°39	0°42	10°44	14°56	1°53	22°26	25°43	26°49	6°55	n.a.	S 10
M11	10 31 5	9°42'06	4♍42	19°57	19°22	6°15	0°56	10°41	14°59	1°52	22°27	25°42	26°46	7° 2	n.a.	M11
T 12	10 35 2	10°40'28	18°54	21°58	20°35	6°52	1°10	10°38	15° 2	1°50	22°28	25°D41	26°43	7° 9	n.a.	T 12
W13	10 38 58	11°38'49	2♎46	23°57	21°49	7°28	1°23	10°34	15° 5	1°49	22°29	25°41	26°39	7°15	n.a.	W13
T 14	10 42 55	12°37'08	16°16	25°54	23° 2	8° 4	1°37	10°30	15° 9	1°47	22°30	25°42	26°36	7°22	n.a.	T 14
F 15	10 46 51	13°35'25	29°24	27°48	24°16	8°40	1°51	10°27	15°12	1°46	22°31	25°42	26°33	7°29	n.a.	F 15
S 16	10 50 48	14°33'40	12♏10	29°40	25°29	9°16	2° 5	10°23	15°15	1°44	22°33	25°44	26°30	7°36	n.a.	S 16
S 17	10 54 45	15°31'54	24°37	1♈28	26°42	9°52	2°19	10°19	15°18	1°43	22°34	25°44	26°27	7°42	n.a.	S 17
M18	10 58 41	16°30'06	6♐49	3°14	27°56	10°29	2°32	10°15	15°21	1°41	22°35	25°45	26°24	7°49	n.a.	M18
T 19	11 2 38	17°28'17	18°50	4°55	29° 9	11° 5	2°46	10°12	15°24	1°39	22°36	25°R45	26°20	7°56	n.a.	T 19
W20	11 6 34	18°26'25	0♑44	6°33	0♓23	11°41	3° 0	10° 8	15°27	1°38	22°37	25°45	26°17	8° 2	n.a.	W20
T 21	11 10 31	19°24'33	12°37	8° 7	1°36	12°17	3°14	10° 4	15°31	1°36	22°38	25°44	26°14	8° 9	n.a.	T 21
F 22	11 14 27	20°22'38	24°32	9°37	2°49	12°54	3°28	10° 0	15°34	1°35	22°39	25°44	26°11	8°16	n.a.	F 22
S 23	11 18 24	21°20'42	6♒33	11° 3	4° 3	13°30	3°42	9°56	15°37	1°33	22°40	25°43	26° 8	8°23	n.a.	S 23
S 24	11 22 20	22°18'45	18°44	12°24	5°16	14° 6	3°56	9°52	15°40	1°32	22°41	25°43	26° 4	8°29	n.a.	S 24
M25	11 26 17	23°16'46	1♓ 8	13°42	6°30	14°43	4°10	9°47	15°44	1°30	22°42	25°42	26° 1	8°36	n.a.	M25
T 26	11 30 14	24°14'45	13°46	14°54	7°43	15°19	4°24	9°43	15°47	1°28	22°43	25°42	25°58	8°43	n.a.	T 26
W27	11 34 10	25°12'42	26°39	16° 3	8°57	15°55	4°38	9°39	15°50	1°27	22°44	25°42	25°55	8°50	n.a.	W27
T 28	11 38 7	26°10'38	9♈47	17° 6	10°10	16°32	4°52	9°35	15°53	1°25	22°45	25°42	25°52	8°56	n.a.	T 28
F 29	11 42 3	27° 8'32	23°11	18° 5	11°23	17° 8	5° 6	9°31	15°57	1°23	22°46	25°42	25°49	9° 3	n.a.	F 29
S 30	11 46 0	28° 6'24	6♉47	19° 0	12°37	17°44	5°20	9°26	16° 0	1°22	22°46	25°42	25°45	9°10	n.a.	S 30
S 31	11 49 56	29♓ 4'14	20♉36	19♈49	13♓50	18♉21	5♈34	9♎22	16♈ 4	1♎20	22♑47	25♍42	25♍42	9♑16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s41	3n54	1s35	13s 7	1s13	19s54	1s 9	12n41	1n 0	1s34	1s 8	1s59	2n45	5n21	0s30	1n 5	2n 6	33s38	11s51	1n42	1n 6	18s37		n.a.
S 2	11 20	7 55	2 41	12 15	1 5	19 36	1 11	12 54	1 0	1 29	1 8	1 57	2 45	5 22	0 30	1 5	2 6	33 38	11 51	1 41	1 7	18 37		n.a.
S 3	10 58	11 35	3 40	11 21	0 57	19 18	1 12	13 7	1 1	1 23	1 8	1 56	2 45	5 23	0 30	1 6	2 6	33 38	11 51	1 40	1 8	18 37		n.a.
M 4	10 37	14 42	4 27	10 26	0 48	18 59	1 14	13 20	1 1	1 18	1 8	1 55	2 46	5 24	0 30	1 7	2 6	33 38	11 51	1 40	1 9	18 36		n.a.
T 5	10 15	17 2	4 59	9 30	0 38	18 40	1 15	13 33	1 1	1 12	1 8	1 53	2 46	5 25	0 30	1 7	2 6	33 38	11 52	1 40	1 11	18 36		n.a.
W 6	9 54	18 21	5 14	8 33	0 28	18 20	1 16	13 46	1 2	1 7	1 8	1 52	2 46	5 26	0 30	1 8	2 6	33 38	11 52	1 40	1 12	18 36		n.a.
T 7	9 32	18 31	5 10	7 35	0 18	18 0	1 18	13 59	1 2	1 1	1 8	1 51	2 46	5 28	0 30	1 8	2 6	33 38	11 52	1 41	1 13	18 36		n.a.
F 8	9 10	17 28	4 45	6 36	0 7	17 39	1 19	14 11	1 2	0 56	1 7	1 49	2 46	5 29	0 30	1 9	2 7	33 38	11 52	1 42	1 15	18 36		n.a.
S 9	8 48	15 16	4 2	5 37	0n 4	17 17	1 20	14 24	1 3	0 50	1 7	1 48	2 46	5 30	0 30	1 10	2 7	33 38	11 53	1 43	1 16	18 35		n.a.
S 10	8 26	12 5	3 3	4 38	0 15	16 55	1 21	14 36	1 3	0 44	1 7	1 46	2 47	5 31	0 30	1 10	2 7	33 38	11 53	1 44	1 17	18 35		n.a.
M11	8 3	8 11	1 53	3 39	0 26	16 33	1 22	14 49	1 3	0 39	1 7	1 45	2 47	5 32	0 30	1 11	2 7	33 38	11 53	1 44	1 18	18 35		n.a.
T 12	7 41	3 53	0 37	2 40	0 37	16 10	1 23	15 1	1 3	0 33	1 7	1 43	2 47	5 34	0 30	1 11	2 7	33 38	11 53	1 45	1 20	18 35		n.a.
W13	7 19	0s31	0n39	1 42	0 49	15 47	1 24	15 14	1 4	0 27	1 7	1 42	2 47	5 35	0 30	1 12	2 7	33 38	11 54	1 45	1 21	18 35		n.a.
T 14	6 56	4 47	1 52	0 44	1 0	15 24	1 25	15 26	1 4	0 22	1 7	1 40	2 47	5 36	0 30	1 13	2 7	33 38	11 54	1 44	1 22	18 34		n.a.
F 15	6 33	8 42	2 56	0n12	1 11	15 0	1 26	15 38	1 4	0 16	1 7	1 39	2 47	5 37	0 30	1 13	2 7	33 38	11 54	1 44	1 24	18 34		n.a.
S 16	6 10	12 6	3 50	1 7	1 22	14 35	1 26	15 50	1 5	0 11	1 7	1 37	2 47	5 38	0 30	1 14	2 7	33 38	11 54	1 44	1 25	18 34		n.a.
S 17	5 48	14 51	4 31	2 0	1 32	14 10	1 27	16 2	1 5	0 5	1 6	1 35	2 47	5 40	0 30	1 15	2 7	33 38	11 55	1 43	1 26	18 34		n.a.
M18	5 25	16 53	5 0	2 52	1 43	13 45	1 27	16 14	1 5	0n 1	1 6	1 34	2 48	5 41	0 30	1 15	2 7	33 38	11 55	1 43	1 27	18 34		n.a.
T 19	5 2	18 8	5 14	3 42	1 52	13 20	1 28	16 26	1 5	0 7	1 6	1 32	2 48	5 42	0 30	1 16	2 7	33 38	11 55	1 43	1 29	18 33		n.a.
W20	4 39	18 34	5 16	4 30	2 1	12 54	1 28	16 38	1 6	0 12	1 6	1 31	2 48	5 43	0 30	1 16	2 7	33 38	11 55	1 43	1 30	18 33		n.a.
T 21	4 16	18 11	5 3	5 15	2 10	12 27	1 29	16 49	1 6	0 18	1 6	1 29	2 48	5 45	0 30	1 17	2 7	33 38	11 56	1 43	1 31	18 33		n.a.
F 22	3 52	17 1	4 38	5 58	2 18	12 1	1 29	17 1	1 6	0 24	1 6	1 27	2 48	5 46	0 30	1 18	2 7	33 38	11 56	1 43	1 33	18 33		n.a.
S 23	3 29	15 4	4 0	6 39	2 25	11 34	1 29	17 12	1 6	0 29	1 6	1 26	2 48	5 47	0 30	1 18	2 7	33 39	11 56	1 44	1 34	18 33		n.a.
S 24	3 6	12 26	3 11	7 18	2 31	11 7	1 29	17 23	1 7	0 35	1 6	1 24	2 48	5 49	0 30	1 19	2 7	33 39	11 57	1 44	1 35	18 32		n.a.
M25	2 43	9 12	2 12	7 54	2 37	10 39	1 29	17 35	1 7	0 41	1 6	1 22	2 48	5 50	0 30	1 20	2 7	33 39	11 57	1 44	1 36	18 32		n.a.
T 26	2 19	5 29	1 6	8 27	2 42	10 11	1 29	17 46	1 7	0 46	1 6	1 20	2 48	5 51	0 30	1 20	2 7	33 39	11 57	1 44	1 38	18 32		n.a.
W27	1 56	1 26	0s 5	8 58	2 46	9 43	1 29	17 57	1 7	0 52	1 6	1 19	2 48	5 52	0 30	1 21	2 7	33 39	11 58	1 44	1 39	18 32		n.a.
T 28	1 33	2n45	1 17	9 25	2 49	9 15	1 29	18 8	1 8	0 58	1 5	1 17	2 48	5 54	0 30	1 22	2 7	33 39	11 58	1 44	1 40	18 31		n.a.
F 29	1 9	6 53	2 27	9 50	2 52	8 47	1 29	18 19	1 8	1 4	1 5	1 15	2 48	5 55	0 30	1 22	2 7	33 39	11 58	1 44	1 42	18 31		n.a.
S 30	0 46	10 43	3 29	10 13	2 53	8 18	1 29	18 29	1 8	1 9	1 5	1 13	2 48	5 56	0 30	1 23	2 7	33 39	11 58	1 44	1 43	18 31		n.a.
S 31	0s23	14n 1	4s20	10n32	2n53	7s49	1s29	18n40	1n 8	1n15	1s 5	1s12	2n49	5n58	0s30	1n24	2n 7	33s40	11s59	1n44	1n44	18s31		n.a.

Julian Day Number = 1294870.5, Delta T = 07h55m47s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'43, Lahiri = -20°04'42 Julian Calendar 1 March 1168 BCE == Greg. Calendar 18 Feb. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

APRIL 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 53 53	0♈ 2'03	4♊34	20♈34	15♓ 4	18♉57	5♈48	9°R18	16♈ 7	1°R19	22♑48	25°R41	25♍39	9♑23	n.a.	M 1
T 2	11 57 49	0°59'49	18°40	21°14	16°17	19°34	6° 2	9♎13	16°10	1♎17	22°49	25♍41	25°36	9°30	n.a.	T 2
W 3	12 1 46	1°57'34	2♋52	21°49	17°30	20°10	6°16	9° 9	16°14	1°15	22°50	25°D41	25°33	9°37	n.a.	W 3
T 4	12 5 42	2°55'17	17° 7	22°19	18°44	20°47	6°30	9° 4	16°17	1°14	22°50	25°41	25°30	9°43	n.a.	T 4
F 5	12 9 39	3°52'59	1♌23	22°44	19°57	21°23	6°44	9° 0	16°21	1°12	22°51	25°42	25°26	9°50	n.a.	F 5
S 6	12 13 36	4°50'38	15°37	23° 4	21°11	22° 0	6°59	8°56	16°24	1°10	22°52	25°42	25°23	9°57	n.a.	S 6
S 7	12 17 32	5°48'16	29°45	23°19	22°24	22°37	7°13	8°51	16°27	1° 9	22°53	25°43	25°20	10° 3	n.a.	S 7
M 8	12 21 29	6°45'51	13♍44	23°29	23°38	23°13	7°27	8°47	16°31	1° 7	22°53	25°44	25°17	10°10	n.a.	M 8
T 9	12 25 25	7°43'26	27°32	23°34	24°51	23°50	7°41	8°42	16°34	1° 6	22°54	25°R44	25°14	10°17	n.a.	T 9
W10	12 29 22	8°40'59	11♎ 5	23°R34	26° 4	24°26	7°55	8°38	16°38	1° 4	22°54	25°43	25°10	10°24	n.a.	W10
T 11	12 33 18	9°38'30	24°22	23°29	27°18	25° 3	8° 9	8°33	16°41	1° 2	22°55	25°42	25° 7	10°30	n.a.	T 11
F 12	12 37 15	10°36'01	7♏22	23°20	28°31	25°39	8°23	8°29	16°45	1° 1	22°56	25°41	25° 4	10°37	n.a.	F 12
S 13	12 41 11	11°33'30	20° 4	23° 7	29°45	26°16	8°37	8°25	16°48	0°59	22°56	25°38	25° 1	10°44	n.a.	S 13
S 14	12 45 8	12°30'58	2♐30	22°49	0♈58	26°53	8°51	8°20	16°52	0°58	22°57	25°36	24°58	10°50	n.a.	S 14
M15	12 49 5	13°28'25	14°43	22°28	2°11	27°29	9° 5	8°16	16°55	0°56	22°57	25°34	24°55	10°57	n.a.	M15
T 16	12 53 1	14°25'52	26°45	22° 4	3°25	28° 6	9°19	8°11	16°59	0°54	22°58	25°32	24°51	11° 4	n.a.	T 16
W17	12 56 58	15°23'17	8♑40	21°37	4°38	28°43	9°33	8° 7	17° 2	0°53	22°58	25°31	24°48	11°11	n.a.	W17
T 18	13 0 54	16°20'41	20°33	21° 7	5°52	29°19	9°47	8° 3	17° 6	0°51	22°58	25°D31	24°45	11°17	n.a.	T 18
F 19	13 4 51	17°18'05	2♒28	20°35	7° 5	29°56	10° 1	7°58	17° 9	0°50	22°59	25°32	24°42	11°24	n.a.	F 19
S 20	13 8 47	18°15'27	14°31	20° 2	8°19	0♊33	10°15	7°54	17°13	0°48	22°59	25°33	24°39	11°31	n.a.	S 20
S 21	13 12 44	19°12'49	26°45	19°29	9°32	1°10	10°29	7°50	17°16	0°47	23° 0	25°35	24°35	11°37	n.a.	S 21
M22	13 16 40	20°10'10	9♓15	18°55	10°46	1°46	10°43	7°45	17°20	0°45	23° 0	25°36	24°32	11°44	n.a.	M22
T 23	13 20 37	21° 7'30	22° 3	18°21	11°59	2°23	10°57	7°41	17°23	0°44	23° 0	25°R37	24°29	11°51	n.a.	T 23
W24	13 24 34	22° 4'49	5♈11	17°49	13°13	3° 0	11°11	7°37	17°27	0°42	23° 0	25°37	24°26	11°58	n.a.	W24
T 25	13 28 30	23° 2'08	18°40	17°18	14°26	3°37	11°25	7°33	17°30	0°41	23° 1	25°35	24°23	12° 4	n.a.	T 25
F 26	13 32 27	23°59'25	2♉28	16°49	15°40	4°14	11°39	7°28	17°34	0°39	23° 1	25°32	24°20	12°11	n.a.	F 26
S 27	13 36 23	24°56'42	16°32	16°23	16°53	4°51	11°53	7°24	17°37	0°38	23° 1	25°29	24°16	12°18	n.a.	S 27
S 28	13 40 20	25°53'57	0♊48	15°59	18° 7	5°27	12° 7	7°20	17°41	0°36	23° 1	25°24	24°13	12°24	n.a.	S 28
M29	13 44 16	26°51'12	15°10	15°39	19°20	6° 4	12°21	7°16	17°44	0°35	23° 1	25°20	24°10	12°31	n.a.	M29
T 30	13 48 13	27♈48'26	29♊34	15♈22	20♈34	6♊41	12♈35	7♎12	17♈47	0♎34	23♑ 1	25♍16	24♍ 7	12♑38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 1	16n33	4s56	10n49	2n52	7s20	1s28	18n50	1n 8	1n21	1s 5	1s10	2n49	5n59	0s30	1n24	2n 7	33s40	11s59	1n44	1n45	18s30		n.a.
T 2	0 24	18 7	5 15	11 3	2 51	6 50	1 28	19 1	1 9	1 27	1 5	1 8	2 49	6 0	0 30	1 25	2 7	33 40	11 59	1 45	1 47	18 30		n.a.
W 3	0 47	18 34	5 14	11 13	2 48	6 21	1 27	19 11	1 9	1 32	1 5	1 6	2 49	6 2	0 30	1 26	2 7	33 40	12 0	1 45	1 48	18 30		n.a.
T 4	1 11	17 50	4 55	11 21	2 44	5 51	1 27	19 21	1 9	1 38	1 5	1 5	2 49	6 3	0 30	1 26	2 7	33 40	12 0	1 45	1 49	18 30		n.a.
F 5	1 34	15 59	4 18	11 26	2 39	5 21	1 26	19 31	1 9	1 44	1 5	1 3	2 49	6 4	0 30	1 27	2 7	33 40	12 0	1 44	1 50	18 29		n.a.
S 6	1 57	13 10	3 24	11 28	2 33	4 51	1 25	19 41	1 9	1 49	1 5	1 1	2 49	6 6	0 30	1 28	2 7	33 41	12 1	1 44	1 52	18 29		n.a.
S 7	2 20	9 35	2 19	11 27	2 26	4 21	1 25	19 51	1 10	1 55	1 5	0 59	2 49	6 7	0 30	1 28	2 7	33 41	12 1	1 44	1 53	18 29		n.a.
M 8	2 44	5 29	1 6	11 23	2 18	3 51	1 24	20 0	1 10	2 1	1 5	0 58	2 49	6 8	0 30	1 29	2 7	33 41	12 1	1 43	1 54	18 29		n.a.
T 9	3 7	1 9	0n10	11 16	2 8	3 21	1 23	20 10	1 10	2 7	1 5	0 56	2 49	6 10	0 30	1 30	2 7	33 41	12 2	1 43	1 56	18 28		n.a.
W10	3 30	3s10	1 24	11 7	1 58	2 50	1 22	20 19	1 10	2 12	1 5	0 54	2 49	6 11	0 30	1 30	2 7	33 41	12 2	1 44	1 57	18 28		n.a.
T 11	3 53	7 15	2 32	10 54	1 46	2 20	1 21	20 28	1 10	2 18	1 4	0 52	2 49	6 13	0 30	1 31	2 7	33 42	12 2	1 44	1 58	18 28		n.a.
F 12	4 16	10 53	3 30	10 39	1 34	1 49	1 20	20 38	1 10	2 24	1 4	0 51	2 49	6 14	0 30	1 32	2 7	33 42	12 3	1 45	1 59	18 27		n.a.
S 13	4 39	13 56	4 17	10 22	1 20	1 18	1 19	20 47	1 11	2 29	1 4	0 49	2 49	6 15	0 30	1 32	2 7	33 42	12 3	1 46	2 1	18 27		n.a.
S 14	5 1	16 16	4 50	10 2	1 6	0 48	1 18	20 55	1 11	2 35	1 4	0 47	2 49	6 17	0 30	1 33	2 7	33 42	12 3	1 47	2 2	18 27		n.a.
M15	5 24	17 49	5 10	9 40	0 51	0 17	1 16	21 4	1 11	2 41	1 4	0 45	2 48	6 18	0 29	1 33	2 7	33 43	12 4	1 47	2 3	18 27		n.a.
T 16	5 47	18 32	5 15	9 16	0 35	0n14	1 15	21 13	1 11	2 46	1 4	0 44	2 48	6 19	0 29	1 34	2 7	33 43	12 4	1 48	2 5	18 26		n.a.
W17	6 9	18 26	5 7	8 51	0 19	0 45	1 14	21 21	1 11	2 52	1 4	0 42	2 48	6 21	0 29	1 35	2 7	33 43	12 4	1 48	2 6	18 26		n.a.
T 18	6 32	17 31	4 46	8 24	0 2	1 16	1 13	21 30	1 11	2 58	1 4	0 40	2 48	6 22	0 29	1 35	2 7	33 43	12 5	1 49	2 7	18 26		n.a.
F 19	6 54	15 50	4 12	7 56	0s15	1 46	1 11	21 38	1 11	3 3	1 4	0 39	2 48	6 23	0 29	1 36	2 7	33 44	12 5	1 48	2 8	18 25		n.a.
S 20	7 16	13 27	3 27	7 28	0 32	2 17	1 10	21 46	1 12	3 9	1 4	0 37	2 48	6 25	0 29	1 37	2 7	33 44	12 5	1 48	2 10	18 25		n.a.
S 21	7 38	10 25	2 32	6 59	0 49	2 48	1 8	21 54	1 12	3 14	1 4	0 35	2 48	6 26	0 29	1 37	2 7	33 44	12 6	1 47	2 11	18 25		n.a.
M22	8 0	6 52	1 29	6 31	1 6	3 19	1 7	22 2	1 12	3 20	1 4	0 34	2 48	6 28	0 29	1 38	2 7	33 44	12 6	1 46	2 12	18 24		n.a.
T 23	8 22	2 54	0 20	6 3	1 22	3 49	1 5	22 9	1 12	3 26	1 4	0 32	2 48	6 29	0 29	1 38	2 7	33 45	12 6	1 46	2 14	18 24		n.a.
W24	8 44	1n18	0s52	5 35	1 38	4 20	1 3	22 17	1 12	3 31	1 4	0 30	2 48	6 30	0 29	1 39	2 7	33 45	12 7	1 46	2 15	18 24		n.a.
T 25	9 6	5 32	2 3	5 9	1 54	4 50	1 2	22 24	1 12	3 37	1 4	0 29	2 48	6 32	0 29	1 39	2 7	33 45	12 7	1 47	2 16	18 23		n.a.
F 26	9 27	9 35	3 8	4 45	2 8	5 21	1 0	22 31	1 12	3 42	1 4	0 27	2 48	6 33	0 29	1 40	2 7	33 46	12 7	1 48	2 17	18 23		n.a.
S 27	9 49	13 10	4 3	4 22	2 22	5 51	0 58	22 38	1 12	3 48	1 4	0 26	2 48	6 34	0 29	1 41	2 7	33 46	12 8	1 50	2 19	18 23		n.a.
S 28	10 10	16 1	4 44	4 1	2 35	6 21	0 56	22 45	1 12	3 53	1 4	0 24	2 47	6 36	0 29	1 41	2 7	33 46	12 8	1 51	2 20	18 22		n.a.
M29	10 31	17 54	5 7	3 42	2 47	6 51	0 54	22 52	1 13	3 59	1 4	0 23	2 47	6 37	0 29	1 42	2 7	33 46	12 8	1 53	2 21	18 22		n.a.
T 30	10n52	18n39	5s11	3n26	2s58	7n21	0s52	22n58	1n13	4n 4	1s 4	0s21	2n47	6n38	0s29	1n42	2n 7	33s47	12s 9	1n54	2n22	18s22		n.a.

Julian Day Number = 1294901.5, Delta T = 07h55m45s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'38, Lahiri = -20°04'38 Julian Calendar 1 Apr. 1168 BCE == Greg. Calendar 21 March 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

MAY 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 52 9	28♈45'39	13♋55	15°R10	21♈47	7♊18	12♈48	7°R 8	17♈51	0°R32	23♑ 2	25°R14	24♍ 4	12♑45	n.a.	W 1
T 2	13 56 6	29°42'50	28°10	15♈ 1	23° 1	7°55	13° 2	7♎ 4	17°54	0♎31	23° 2	25°D13	24° 1	12°51	n.a.	T 2
F 3	14 0 3	0♉40'01	12♌16	14°D57	24°14	8°32	13°16	7° 0	17°58	0°29	23° 2	25♍14	23°57	12°58	n.a.	F 3
S 4	14 3 59	1°37'11	26°12	14°57	25°28	9° 9	13°30	6°57	18° 1	0°28	23°R 2	25°15	23°54	13° 5	n.a.	S 4
S 5	14 7 56	2°34'19	9♍57	15° 2	26°41	9°46	13°43	6°53	18° 5	0°27	23° 2	25°16	23°51	13°12	n.a.	S 5
M 6	14 11 52	3°31'27	23°31	15°11	27°55	10°23	13°57	6°49	18° 8	0°25	23° 2	25°R17	23°48	13°18	n.a.	M 6
T 7	14 15 49	4°28'34	6♎53	15°25	29° 8	11° 0	14°10	6°45	18°11	0°24	23° 2	25°17	23°45	13°25	n.a.	T 7
W 8	14 19 45	5°25'41	20° 3	15°43	0♉22	11°37	14°24	6°42	18°15	0°23	23° 2	25°14	23°41	13°32	n.a.	W 8
T 9	14 23 42	6°22'46	3♏ 1	16° 6	1°35	12°14	14°38	6°38	18°18	0°22	23° 1	25°10	23°38	13°38	n.a.	T 9
F 10	14 27 38	7°19'52	15°46	16°34	2°49	12°51	14°51	6°35	18°22	0°20	23° 1	25° 4	23°35	13°45	n.a.	F 10
S 11	14 31 35	8°16'57	28°18	17° 5	4° 3	13°28	15° 4	6°31	18°25	0°19	23° 1	24°57	23°32	13°52	n.a.	S 11
S 12	14 35 32	9°14'02	10♐38	17°42	5°16	14° 5	15°18	6°28	18°28	0°18	23° 1	24°49	23°29	13°59	n.a.	S 12
M13	14 39 28	10°11'07	22°46	18°22	6°30	14°42	15°31	6°24	18°32	0°17	23° 1	24°41	23°26	14° 5	n.a.	M13
T 14	14 43 25	11° 8'11	4♑46	19° 7	7°43	15°19	15°45	6°21	18°35	0°16	23° 1	24°35	23°22	14°12	n.a.	T 14
W15	14 47 21	12° 5'16	16°40	19°56	8°57	15°56	15°58	6°18	18°38	0°15	23° 0	24°30	23°19	14°19	n.a.	W15
T 16	14 51 18	13° 2'20	28°32	20°49	10°11	16°33	16°11	6°15	18°41	0°13	23° 0	24°27	23°16	14°25	n.a.	T 16
F 17	14 55 14	13°59'24	10♒26	21°46	11°24	17°11	16°24	6°12	18°45	0°12	23° 0	24°D25	23°13	14°32	n.a.	F 17
S 18	14 59 11	14°56'29	22°27	22°47	12°38	17°48	16°38	6° 9	18°48	0°11	23° 0	24°26	23°10	14°39	n.a.	S 18
S 19	15 3 8	15°53'33	4♓41	23°52	13°51	18°25	16°51	6° 6	18°51	0°10	22°59	24°27	23° 6	14°46	n.a.	S 19
M20	15 7 4	16°50'38	17°12	25° 0	15° 5	19° 2	17° 4	6° 3	18°54	0° 9	22°59	24°28	23° 3	14°52	n.a.	M20
T 21	15 11 1	17°47'43	0♈ 4	26°13	16°19	19°39	17°17	6° 0	18°57	0° 8	22°58	24°R28	23° 0	14°59	n.a.	T 21
W22	15 14 57	18°44'48	13°20	27°29	17°32	20°17	17°30	5°58	19° 1	0° 7	22°58	24°26	22°57	15° 6	n.a.	W22
T 23	15 18 54	19°41'53	27° 2	28°49	18°46	20°54	17°43	5°55	19° 4	0° 6	22°58	24°22	22°54	15°12	n.a.	T 23
F 24	15 22 50	20°38'59	11♉ 9	0♉13	20° 0	21°31	17°56	5°53	19° 7	0° 6	22°57	24°16	22°51	15°19	n.a.	F 24
S 25	15 26 47	21°36'04	25°36	1°40	21°14	22° 8	18° 8	5°50	19°10	0° 5	22°57	24° 8	22°47	15°26	n.a.	S 25
S 26	15 30 43	22°33'10	10♊18	3°11	22°27	22°46	18°21	5°48	19°13	0° 4	22°56	24° 0	22°44	15°33	n.a.	S 26
M27	15 34 40	23°30'15	25° 7	4°45	23°41	23°23	18°34	5°46	19°16	0° 3	22°56	23°51	22°41	15°39	n.a.	M27
T 28	15 38 37	24°27'21	9♋54	6°23	24°55	24° 1	18°47	5°43	19°19	0° 2	22°55	23°44	22°38	15°46	n.a.	T 28
W29	15 42 33	25°24'27	24°32	8° 4	26° 9	24°38	18°59	5°41	19°22	0° 2	22°55	23°38	22°35	15°53	n.a.	W29
T 30	15 46 30	26°21'32	8♌56	9°49	27°22	25°15	19°12	5°39	19°25	0° 1	22°54	23°35	22°32	15°59	n.a.	T 30
F 31	15 50 26	27♉18'38	23♌ 3	11♉36	28♉36	25♊53	19♈24	5♎37	19♈28	0♎ 0	22♑53	23°D34	22♍28	16♑ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n13	18n11	4s56	3n12	3s 7	7n51	0s51	23n 5	1n13	4n10	1s 4	0s20	2n47	6n40	0s29	1n43	2n 7	33s47	12s 9	1n55	2n24	18s21		n.a.
T 2	11 33	16 35	4 22	3 1	3 16	8 20	0 49	23 11	1 13	4 15	1 4	0 18	2 47	6 41	0 29	1 43	2 7	33 47	12 10	1 56	2 25	18 21		n.a.
F 3	11 54	14 0	3 33	2 52	3 23	8 50	0 47	23 17	1 13	4 21	1 4	0 17	2 47	6 42	0 29	1 44	2 6	33 48	12 10	1 56	2 26	18 21		n.a.
S 4	12 14	10 37	2 32	2 47	3 29	9 19	0 44	23 23	1 13	4 26	1 4	0 15	2 47	6 44	0 29	1 44	2 6	33 48	12 10	1 55	2 28	18 20		n.a.
S 5	12 34	6 41	1 23	2 44	3 34	9 48	0 42	23 29	1 13	4 31	1 4	0 14	2 47	6 45	0 29	1 45	2 6	33 48	12 11	1 54	2 29	18 20		n.a.
M 6	12 54	2 28	0 10	2 44	3 38	10 17	0 40	23 35	1 13	4 37	1 4	0 13	2 46	6 46	0 29	1 45	2 6	33 49	12 11	1 54	2 30	18 20		n.a.
T 7	13 13	1s49	1n 3	2 47	3 41	10 45	0 38	23 40	1 13	4 42	1 4	0 11	2 46	6 48	0 29	1 46	2 6	33 49	12 11	1 54	2 31	18 19		n.a.
W 8	13 33	5 57	2 10	2 52	3 43	11 13	0 36	23 45	1 13	4 47	1 4	0 10	2 46	6 49	0 29	1 46	2 6	33 49	12 12	1 55	2 33	18 19		n.a.
T 9	13 52	9 45	3 10	3 1	3 43	11 41	0 34	23 50	1 13	4 53	1 4	0 9	2 46	6 50	0 29	1 47	2 6	33 50	12 12	1 57	2 34	18 18		n.a.
F 10	14 11	13 1	3 59	3 11	3 43	12 9	0 32	23 55	1 13	4 58	1 4	0 7	2 46	6 52	0 29	1 47	2 6	33 50	12 12	1 59	2 35	18 18		n.a.
S 11	14 30	15 38	4 36	3 25	3 41	12 37	0 29	24 0	1 13	5 3	1 4	0 6	2 46	6 53	0 29	1 48	2 6	33 51	12 13	2 2	2 37	18 18		n.a.
S 12	14 48	17 29	4 59	3 41	3 39	13 4	0 27	24 5	1 13	5 9	1 4	0 5	2 45	6 54	0 29	1 48	2 6	33 51	12 13	2 6	2 38	18 17		n.a.
M13	15 7	18 30	5 8	3 59	3 36	13 31	0 25	24 9	1 14	5 14	1 4	0 4	2 45	6 55	0 29	1 49	2 6	33 51	12 13	2 9	2 39	18 17		n.a.
T 14	15 25	18 42	5 3	4 20	3 32	13 57	0 23	24 14	1 14	5 19	1 4	0 3	2 45	6 57	0 29	1 49	2 6	33 52	12 14	2 11	2 40	18 17		n.a.
W15	15 43	18 3	4 45	4 43	3 27	14 24	0 20	24 18	1 14	5 24	1 4	0 2	2 45	6 58	0 29	1 49	2 6	33 52	12 14	2 13	2 42	18 16		n.a.
T 16	16 0	16 37	4 16	5 9	3 22	14 49	0 18	24 22	1 14	5 29	1 4	0 0	2 45	6 59	0 29	1 50	2 6	33 52	12 14	2 15	2 43	18 16		n.a.
F 17	16 18	14 28	3 34	5 36	3 16	15 15	0 16	24 25	1 14	5 34	1 4	0n 1	2 44	7 0	0 29	1 50	2 6	33 53	12 15	2 15	2 44	18 15		n.a.
S 18	16 35	11 41	2 44	6 5	3 9	15 40	0 13	24 29	1 14	5 40	1 4	0 2	2 44	7 2	0 29	1 51	2 6	33 53	12 15	2 15	2 45	18 15		n.a.
S 19	16 52	8 20	1 44	6 37	3 1	16 5	0 11	24 32	1 14	5 45	1 4	0 3	2 44	7 3	0 29	1 51	2 6	33 54	12 15	2 15	2 47	18 15		n.a.
M20	17 9	4 32	0 39	7 10	2 53	16 29	0 9	24 36	1 14	5 50	1 4	0 3	2 44	7 4	0 29	1 51	2 6	33 54	12 16	2 14	2 48	18 14		n.a.
T 21	17 25	0 26	0s30	7 44	2 44	16 53	0 6	24 39	1 14	5 55	1 4	0 4	2 44	7 5	0 29	1 52	2 6	33 54	12 16	2 14	2 49	18 14		n.a.
W22	17 41	3n49	1 40	8 21	2 35	17 17	0 4	24 42	1 14	6 0	1 4	0 5	2 43	7 7	0 29	1 52	2 6	33 55	12 16	2 15	2 51	18 13		n.a.
T 23	17 57	8 1	2 45	8 59	2 25	17 40	0 2	24 44	1 14	6 5	1 4	0 6	2 43	7 8	0 29	1 52	2 6	33 55	12 17	2 16	2 52	18 13		n.a.
F 24	18 12	11 53	3 43	9 38	2 15	18 2	0n 1	24 47	1 14	6 10	1 4	0 7	2 43	7 9	0 29	1 53	2 6	33 56	12 17	2 19	2 53	18 13		n.a.
S 25	18 28	15 8	4 28	10 19	2 4	18 25	0 3	24 49	1 14	6 15	1 4	0 8	2 43	7 10	0 29	1 53	2 5	33 56	12 17	2 22	2 54	18 12		n.a.
S 26	18 43	17 29	4 56	11 0	1 53	18 46	0 5	24 52	1 14	6 20	1 4	0 8	2 43	7 11	0 29	1 53	2 5	33 56	12 18	2 25	2 56	18 12		n.a.
M27	18 57	18 40	5 4	11 43	1 42	19 8	0 8	24 54	1 14	6 24	1 4	0 9	2 42	7 12	0 29	1 53	2 5	33 57	12 18	2 29	2 57	18 11		n.a.
T 28	19 12	18 36	4 53	12 27	1 30	19 28	0 10	24 55	1 14	6 29	1 4	0 10	2 42	7 14	0 29	1 54	2 5	33 57	12 18	2 32	2 58	18 11		n.a.
W29	19 26	17 16	4 22	13 11	1 19	19 48	0 13	24 57	1 14	6 34	1 4	0 10	2 42	7 15	0 29	1 54	2 5	33 58	12 18	2 34	2 59	18 10		n.a.
T 30	19 39	14 52	3 35	13 56	1 7	20 8	0 15	24 58	1 14	6 39	1 4	0 11	2 42	7 16	0 29	1 54	2 5	33 58	12 19	2 35	3 1	18 10		n.a.
F 31	19n53	11n37	2s35	14n42	0s55	20n27	0n17	25n 0	1n14	6n44	1s 4	0n12	2n41	7n17	0s29	1n54	2n 5	33s58	12s19	2n36	3n 2	18s10		n.a.

Julian Day Number = 1294931.5, Delta T = 07h55m44s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'34, Lahiri = -20°04'34 Julian Calendar 1 May 1168 BCE == Greg. Calendar 20 Apr. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

JUNE 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 23	28♉15'43	6♍53	13♉27	29♉50	26♊30	19♈37	5°R35	19♈31	29°R59	22°R53	23♍34	22♍25	16♑13	n.a.	S 1
S 2	15 58 19	29°12'49	20°24	15°20	1♊ 4	27° 8	19°49	5♎34	19°34	29♍59	22♑52	23°R34	22°22	16°19	n.a.	S 2
M 3	16 2 16	0♊ 9'54	3♎41	17°16	2°17	27°45	20° 1	5°32	19°37	29°58	22°51	23°34	22°19	16°26	n.a.	M 3
T 4	16 6 12	1° 7'00	16°43	19°14	3°31	28°23	20°13	5°30	19°39	29°58	22°51	23°32	22°16	16°33	n.a.	T 4
W 5	16 10 9	2° 4'06	29°33	21°15	4°45	29° 0	20°25	5°29	19°42	29°57	22°50	23°27	22°12	16°40	n.a.	W 5
T 6	16 14 6	3° 1'12	12♏12	23°17	5°59	29°38	20°38	5°27	19°45	29°56	22°49	23°20	22° 9	16°46	n.a.	T 6
F 7	16 18 2	3°58'19	24°40	25°21	7°13	0♋15	20°50	5°26	19°48	29°56	22°49	23°10	22° 6	16°53	n.a.	F 7
S 8	16 21 59	4°55'26	6♐59	27°27	8°27	0°53	21° 1	5°25	19°50	29°55	22°48	22°58	22° 3	17° 0	n.a.	S 8
S 9	16 25 55	5°52'34	19°10	29°34	9°40	1°30	21°13	5°24	19°53	29°55	22°47	22°45	22° 0	17° 6	n.a.	S 9
M10	16 29 52	6°49'43	1♑12	1♊41	10°54	2° 8	21°25	5°23	19°56	29°55	22°46	22°33	21°57	17°13	n.a.	M10
T 11	16 33 48	7°46'52	13° 8	3°49	12° 8	2°45	21°37	5°22	19°58	29°54	22°45	22°22	21°53	17°20	n.a.	T 11
W12	16 37 45	8°44'02	24°59	5°57	13°22	3°23	21°48	5°21	20° 1	29°54	22°45	22°13	21°50	17°27	n.a.	W12
T 13	16 41 42	9°41'13	6♒49	8° 4	14°36	4° 1	22° 0	5°20	20° 3	29°54	22°44	22° 6	21°47	17°33	n.a.	T 13
F 14	16 45 38	10°38'25	18°42	10°12	15°50	4°38	22°11	5°19	20° 6	29°53	22°43	22° 2	21°44	17°40	n.a.	F 14
S 15	16 49 35	11°35'38	0♓41	12°19	17° 4	5°16	22°23	5°19	20° 8	29°53	22°42	22° 0	21°41	17°47	n.a.	S 15
S 16	16 53 31	12°32'52	12°52	14°25	18°18	5°54	22°34	5°18	20°11	29°53	22°41	22°D 0	21°38	17°53	n.a.	S 16
M17	16 57 28	13°30'07	25°21	16°30	19°32	6°32	22°45	5°18	20°13	29°53	22°40	22°R 0	21°34	18° 0	n.a.	M17
T 18	17 1 24	14°27'23	8♈11	18°34	20°46	7° 9	22°56	5°18	20°16	29°52	22°39	21°59	21°31	18° 7	n.a.	T 18
W19	17 5 21	15°24'40	21°27	20°36	22° 0	7°47	23° 7	5°18	20°18	29°52	22°38	21°57	21°28	18°14	n.a.	W19
T 20	17 9 17	16°21'58	5♉13	22°38	23°14	8°25	23°18	5°17	20°20	29°52	22°37	21°52	21°25	18°20	n.a.	T 20
F 21	17 13 14	17°19'18	19°27	24°38	24°28	9° 3	23°29	5°D17	20°23	29°52	22°36	21°44	21°22	18°27	n.a.	F 21
S 22	17 17 11	18°16'39	4♊ 6	26°36	25°42	9°41	23°40	5°18	20°25	29°52	22°35	21°35	21°18	18°34	n.a.	S 22
S 23	17 21 7	19°14'01	19° 5	28°33	26°56	10°19	23°50	5°18	20°27	29°D52	22°34	21°24	21°15	18°40	n.a.	S 23
M24	17 25 4	20°11'24	4♋14	0♋29	28°10	10°57	24° 1	5°18	20°29	29°52	22°33	21°13	21°12	18°47	n.a.	M24
T 25	17 29 0	21° 8'48	19°22	2°23	29°24	11°35	24°11	5°18	20°31	29°52	22°32	21° 4	21° 9	18°54	n.a.	T 25
W26	17 32 57	22° 6'13	4♌19	4°15	0♋38	12°13	24°22	5°19	20°33	29°52	22°31	20°56	21° 6	19° 1	n.a.	W26
T 27	17 36 53	23° 3'39	18°58	6° 6	1°52	12°51	24°32	5°19	20°35	29°52	22°30	20°51	21° 3	19° 7	n.a.	T 27
F 28	17 40 50	24° 1'06	3♍15	7°55	3° 6	13°29	24°42	5°20	20°37	29°53	22°29	20°49	20°59	19°14	n.a.	F 28
S 29	17 44 46	24°58'34	17° 8	9°42	4°20	14° 7	24°52	5°21	20°39	29°53	22°28	20°49	20°56	19°21	n.a.	S 29
S 30	17 48 43	25♊56'02	0♎37	11♋28	5♋34	14♋45	25♈ 2	5♎22	20♈41	29♍53	22♑27	20♍48	20♍53	19♑27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 6	7n46	1s28	15n27	0s43	20n46	0n20	25n 1	1n14	6n48	1s 4	0n12	2n41	7n18	0s30	1n55	2n 5	33s59	12s19	2n36	3n 3	18s 9		n.a.
S 2	20 19	3 36	0 17	16 13	0 31	21 4	0 22	25 2	1 14	6 53	1 4	0 13	2 41	7 19	0 30	1 55	2 5	33 59	12 20	2 36	3 5	18 9		n.a.
M 3	20 31	0s40	0n54	16 58	0 19	21 21	0 24	25 2	1 14	6 58	1 4	0 13	2 41	7 20	0 30	1 55	2 5	34 0	12 20	2 36	3 6	18 8		n.a.
T 4	20 43	4 50	2 0	17 42	0 7	21 38	0 26	25 3	1 14	7 2	1 4	0 13	2 40	7 21	0 30	1 55	2 5	34 0	12 20	2 37	3 7	18 8		n.a.
W 5	20 55	8 43	2 59	18 26	0n 4	21 54	0 29	25 3	1 14	7 7	1 4	0 14	2 40	7 22	0 30	1 55	2 5	34 0	12 21	2 39	3 8	18 7		n.a.
T 6	21 6	12 8	3 48	19 8	0 15	22 10	0 31	25 4	1 14	7 11	1 4	0 14	2 40	7 24	0 30	1 56	2 5	34 1	12 21	2 41	3 10	18 7		n.a.
F 7	21 17	14 58	4 25	19 50	0 26	22 25	0 33	25 4	1 14	7 16	1 4	0 15	2 40	7 25	0 30	1 56	2 5	34 1	12 21	2 45	3 11	18 6		n.a.
S 8	21 28	17 4	4 50	20 30	0 36	22 39	0 35	25 3	1 14	7 20	1 5	0 15	2 39	7 26	0 30	1 56	2 5	34 2	12 21	2 50	3 12	18 6		n.a.
S 9	21 38	18 23	5 0	21 8	0 46	22 53	0 37	25 3	1 14	7 25	1 5	0 15	2 39	7 27	0 30	1 56	2 5	34 2	12 22	2 55	3 14	18 6		n.a.
M10	21 48	18 52	4 58	21 44	0 55	23 6	0 40	25 2	1 14	7 29	1 5	0 15	2 39	7 28	0 30	1 56	2 5	34 2	12 22	3 0	3 15	18 5		n.a.
T 11	21 58	18 30	4 42	22 17	1 3	23 18	0 42	25 2	1 14	7 34	1 5	0 15	2 39	7 29	0 30	1 56	2 4	34 3	12 22	3 5	3 16	18 5		n.a.
W12	22 7	17 19	4 14	22 49	1 11	23 30	0 44	25 1	1 14	7 38	1 5	0 15	2 38	7 30	0 30	1 56	2 4	34 3	12 22	3 8	3 17	18 4		n.a.
T 13	22 16	15 24	3 35	23 18	1 18	23 41	0 46	25 0	1 13	7 42	1 5	0 15	2 38	7 31	0 30	1 56	2 4	34 4	12 23	3 11	3 19	18 4		n.a.
F 14	22 24	12 50	2 47	23 44	1 24	23 51	0 48	24 58	1 13	7 47	1 5	0 15	2 38	7 31	0 30	1 56	2 4	34 4	12 23	3 13	3 20	18 3		n.a.
S 15	22 33	9 41	1 50	24 8	1 30	24 1	0 50	24 57	1 13	7 51	1 5	0 15	2 37	7 32	0 30	1 56	2 4	34 5	12 23	3 13	3 21	18 3		n.a.
S 16	22 40	6 6	0 48	24 29	1 35	24 10	0 52	24 55	1 13	7 55	1 5	0 15	2 37	7 33	0 30	1 57	2 4	34 5	12 23	3 13	3 22	18 2		n.a.
M17	22 48	2 9	0s18	24 47	1 40	24 18	0 54	24 53	1 13	7 59	1 5	0 15	2 37	7 34	0 30	1 57	2 4	34 5	12 24	3 13	3 24	18 2		n.a.
T 18	22 54	2n 0	1 25	25 2	1 43	24 25	0 55	24 51	1 13	8 3	1 5	0 15	2 37	7 35	0 30	1 57	2 4	34 6	12 24	3 14	3 25	18 1		n.a.
W19	23 1	6 12	2 29	25 15	1 46	24 32	0 57	24 49	1 13	8 7	1 5	0 15	2 36	7 36	0 30	1 57	2 4	34 6	12 24	3 15	3 26	18 1		n.a.
T 20	23 7	10 13	3 27	25 25	1 48	24 38	0 59	24 46	1 13	8 11	1 5	0 15	2 36	7 37	0 30	1 57	2 4	34 7	12 24	3 17	3 28	18 0		n.a.
F 21	23 13	13 48	4 15	25 33	1 50	24 44	1 1	24 44	1 13	8 15	1 5	0 15	2 36	7 38	0 30	1 56	2 4	34 7	12 25	3 20	3 29	18 0		n.a.
S 22	23 18	16 37	4 47	25 38	1 51	24 48	1 3	24 41	1 13	8 19	1 5	0 14	2 36	7 39	0 30	1 56	2 4	34 7	12 25	3 23	3 30	17 59		n.a.
S 23	23 23	18 23	5 0	25 40	1 51	24 52	1 4	24 38	1 13	8 23	1 5	0 14	2 35	7 39	0 30	1 56	2 4	34 8	12 25	3 28	3 31	17 59		n.a.
M24	23 28	18 53	4 53	25 40	1 51	24 55	1 6	24 35	1 13	8 27	1 6	0 14	2 35	7 40	0 30	1 56	2 4	34 8	12 25	3 32	3 33	17 58		n.a.
T 25	23 32	18 2	4 25	25 38	1 50	24 57	1 7	24 31	1 13	8 31	1 6	0 13	2 35	7 41	0 30	1 56	2 4	34 9	12 25	3 36	3 34	17 58		n.a.
W26	23 35	15 57	3 39	25 34	1 48	24 59	1 9	24 28	1 13	8 35	1 6	0 13	2 35	7 42	0 30	1 56	2 4	34 9	12 26	3 39	3 35	17 57		n.a.
T 27	23 39	12 51	2 40	25 27	1 46	24 59	1 10	24 24	1 13	8 38	1 6	0 12	2 34	7 43	0 30	1 56	2 3	34 9	12 26	3 41	3 36	17 57		n.a.
F 28	23 42	9 4	1 31	25 19	1 44	24 59	1 12	24 20	1 12	8 42	1 6	0 12	2 34	7 43	0 30	1 56	2 3	34 10	12 26	3 42	3 38	17 56		n.a.
S 29	23 44	4 52	0 19	25 8	1 41	24 59	1 13	24 16	1 12	8 46	1 6	0 11	2 34	7 44	0 30	1 56	2 3	34 10	12 26	3 42	3 39	17 56		n.a.
S 30	23n46	0n32	0n52	24n56	1n37	24n57	1n14	24n12	1n12	8n49	1s 6	0n11	2n33	7n45	0s30	1n56	2n 3	34s11	12s26	3n42	3n40	17s55		n.a.

Julian Day Number = 1294962.5, Delta T = 07h55m42s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'30, Lahiri = -20°04'30 Julian Calendar 1 June 1168 BCE == Greg. Calendar 21 May 1168 BCE

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

JULY 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 52 40	26♊53'31	13♎46	13♋13	6♋48	15♋23	25♈12	5♎23	20♈43	29♍53	22°R26	20°R48	20♍50	19♑34	n.a.	M 1
T 2	17 56 36	27°51'02	26°37	14°56	8° 2	16° 1	25°22	5°24	20°45	29°53	22♑24	20♍45	20°47	19°41	n.a.	T 2
W 3	18 0 33	28°48'34	9♏13	16°37	9°16	16°39	25°31	5°25	20°47	29°54	22°23	20°40	20°44	19°47	n.a.	W 3
T 4	18 4 29	29°46'06	21°38	18°17	10°30	17°17	25°41	5°26	20°48	29°54	22°22	20°32	20°40	19°54	n.a.	T 4
F 5	18 8 26	0♋43'40	3♐53	19°55	11°44	17°55	25°50	5°28	20°50	29°55	22°21	20°22	20°37	20° 1	n.a.	F 5
S 6	18 12 22	1°41'16	16° 0	21°32	12°59	18°34	25°59	5°29	20°52	29°55	22°20	20°10	20°34	20° 8	n.a.	S 6
S 7	18 16 19	2°38'52	28° 1	23° 7	14°13	19°12	26° 8	5°30	20°53	29°55	22°19	19°56	20°31	20°14	n.a.	S 7
M 8	18 20 15	3°36'30	9♑58	24°41	15°27	19°50	26°17	5°32	20°55	29°56	22°17	19°43	20°28	20°21	n.a.	M 8
T 9	18 24 12	4°34'10	21°50	26°13	16°41	20°28	26°26	5°34	20°56	29°56	22°16	19°31	20°24	20°28	n.a.	T 9
W10	18 28 9	5°31'51	3♒40	27°44	17°55	21° 7	26°35	5°36	20°58	29°57	22°15	19°21	20°21	20°34	n.a.	W10
T 11	18 32 5	6°29'34	15°31	29°13	19° 9	21°45	26°44	5°37	20°59	29°58	22°14	19°14	20°18	20°41	n.a.	T 11
F 12	18 36 2	7°27'18	27°24	0♌40	20°23	22°23	26°52	5°39	21° 1	29°58	22°13	19° 9	20°15	20°48	n.a.	F 12
S 13	18 39 58	8°25'05	9♓24	2° 6	21°38	23° 2	27° 1	5°42	21° 2	29°59	22°11	19° 7	20°12	20°55	n.a.	S 13
S 14	18 43 55	9°22'53	21°35	3°31	22°52	23°40	27° 9	5°44	21° 3	29°59	22°10	19°D 7	20° 9	21° 1	n.a.	S 14
M15	18 47 51	10°20'43	4♈ 1	4°54	24° 6	24°19	27°17	5°46	21° 4	0♎ 0	22° 9	19° 7	20° 5	21° 8	n.a.	M15
T 16	18 51 48	11°18'35	16°48	6°15	25°20	24°57	27°25	5°48	21° 6	0° 1	22° 8	19°R 7	20° 2	21°15	n.a.	T 16
W17	18 55 44	12°16'28	29°59	7°35	26°34	25°36	27°33	5°51	21° 7	0° 2	22° 6	19° 6	19°59	21°21	n.a.	W17
T 18	18 59 41	13°14'24	13♉40	8°52	27°48	26°14	27°41	5°53	21° 8	0° 2	22° 5	19° 3	19°56	21°28	n.a.	T 18
F 19	19 3 38	14°12'22	27°50	10° 8	29° 3	26°53	27°48	5°56	21° 9	0° 3	22° 4	18°57	19°53	21°35	n.a.	F 19
S 20	19 7 34	15°10'22	12♊27	11°23	0♌17	27°31	27°56	5°59	21°10	0° 4	22° 3	18°49	19°49	21°41	n.a.	S 20
S 21	19 11 31	16° 8'24	27°28	12°35	1°31	28°10	28° 3	6° 1	21°11	0° 5	22° 1	18°40	19°46	21°48	n.a.	S 21
M22	19 15 27	17° 6'28	12♋42	13°45	2°45	28°49	28°10	6° 4	21°12	0° 6	22° 0	18°31	19°43	21°55	n.a.	M22
T 23	19 19 24	18° 4'33	28° 0	14°53	4° 0	29°27	28°17	6° 7	21°12	0° 7	21°59	18°23	19°40	22° 2	n.a.	T 23
W24	19 23 20	19° 2'41	13♌10	15°59	5°14	0♌ 6	28°24	6°10	21°13	0° 8	21°57	18°16	19°37	22° 8	n.a.	W24
T 25	19 27 17	20° 0'50	28° 3	17° 3	6°28	0°45	28°30	6°13	21°14	0° 9	21°56	18°12	19°34	22°15	n.a.	T 25
F 26	19 31 13	20°59'00	12♍32	18° 4	7°42	1°24	28°37	6°17	21°15	0°10	21°55	18°D11	19°30	22°22	n.a.	F 26
S 27	19 35 10	21°57'13	26°35	19° 3	8°56	2° 3	28°43	6°20	21°15	0°11	21°54	18°11	19°27	22°28	n.a.	S 27
S 28	19 39 7	22°55'26	10♎10	19°59	10°11	2°41	28°50	6°23	21°16	0°12	21°52	18°12	19°24	22°35	n.a.	S 28
M29	19 43 3	23°53'42	23°20	20°52	11°25	3°20	28°56	6°27	21°16	0°13	21°51	18°R12	19°21	22°42	n.a.	M29
T 30	19 47 0	24°51'59	6♏ 9	21°43	12°39	3°59	29° 2	6°30	21°17	0°14	21°50	18°12	19°18	22°48	n.a.	T 30
W31	19 50 56	25♋50'18	18♏40	22♌29	13♌53	4♌38	29♈ 7	6♎34	21♈17	0♎15	21♑48	18♍ 9	19♍15	22♑55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	3s42	1n58	24n42	1n33	24n55	1n16	24n 7	1n12	8n53	1s 6	0n10	2n33	7n45	0s30	1n55	2n 3	34s11	12s27	3n42	3n41	17s55			n.a.
T 2	23 49	7 41	2 57	24 27	1 29	24 52	1 17	24 3	1 12	8 56	1 6	0 9	2 33	7 46	0 30	1 55	2 3	34 11	12 27	3 43	3 43	17 54			n.a.
W 3	23 50	11 14	3 46	24 10	1 24	24 48	1 18	23 58	1 12	9 0	1 6	0 9	2 33	7 47	0 30	1 55	2 3	34 12	12 27	3 45	3 44	17 54			n.a.
T 4	23 50	14 14	4 24	23 52	1 19	24 43	1 19	23 53	1 12	9 3	1 6	0 8	2 32	7 47	0 30	1 55	2 3	34 12	12 27	3 48	3 45	17 53			n.a.
F 5	23 50	16 33	4 48	23 32	1 13	24 38	1 20	23 48	1 12	9 7	1 7	0 7	2 32	7 48	0 30	1 55	2 3	34 12	12 27	3 53	3 47	17 52			n.a.
S 6	23 49	18 7	5 0	23 11	1 7	24 32	1 21	23 42	1 12	9 10	1 7	0 6	2 32	7 49	0 30	1 54	2 3	34 13	12 27	3 58	3 48	17 52			n.a.
S 7	23 48	18 51	4 58	22 49	1 1	24 25	1 22	23 37	1 12	9 13	1 7	0 5	2 32	7 49	0 30	1 54	2 3	34 13	12 28	4 3	3 49	17 51			n.a.
M 8	23 47	18 46	4 42	22 26	0 55	24 17	1 23	23 31	1 11	9 16	1 7	0 4	2 31	7 50	0 30	1 54	2 3	34 14	12 28	4 8	3 50	17 51			n.a.
T 9	23 45	17 50	4 15	22 2	0 48	24 9	1 24	23 25	1 11	9 20	1 7	0 4	2 31	7 50	0 30	1 54	2 3	34 14	12 28	4 13	3 52	17 50			n.a.
W10	23 43	16 9	3 36	21 37	0 40	24 0	1 24	23 19	1 11	9 23	1 7	0 3	2 31	7 51	0 30	1 53	2 3	34 14	12 28	4 17	3 53	17 50			n.a.
T 11	23 40	13 46	2 48	21 11	0 33	23 50	1 25	23 13	1 11	9 26	1 7	0 2	2 30	7 51	0 30	1 53	2 2	34 15	12 28	4 20	3 54	17 49			n.a.
F 12	23 37	10 49	1 53	20 45	0 25	23 40	1 26	23 6	1 11	9 29	1 7	0 1	2 30	7 52	0 30	1 53	2 2	34 15	12 28	4 22	3 55	17 49			n.a.
S 13	23 33	7 23	0 51	20 18	0 17	23 29	1 26	23 0	1 11	9 32	1 7	0s 1	2 30	7 52	0 30	1 52	2 2	34 15	12 28	4 22	3 57	17 48			n.a.
S 14	23 30	3 36	0s13	19 50	0 9	23 17	1 27	22 53	1 11	9 35	1 7	0 2	2 30	7 53	0 30	1 52	2 2	34 16	12 29	4 23	3 58	17 47			n.a.
M15	23 25	0n25	1 19	19 22	0 1	23 4	1 27	22 46	1 11	9 37	1 8	0 3	2 29	7 53	0 30	1 52	2 2	34 16	12 29	4 22	3 59	17 47			n.a.
T 16	23 20	4 32	2 22	18 54	0s 8	22 51	1 27	22 39	1 10	9 40	1 8	0 4	2 29	7 54	0 30	1 51	2 2	34 16	12 29	4 22	4 1	17 46			n.a.
W17	23 15	8 33	3 20	18 25	0 17	22 37	1 28	22 31	1 10	9 43	1 8	0 5	2 29	7 54	0 30	1 51	2 2	34 17	12 29	4 23	4 2	17 46			n.a.
T 18	23 10	12 15	4 8	17 56	0 25	22 22	1 28	22 24	1 10	9 46	1 8	0 6	2 29	7 55	0 30	1 51	2 2	34 17	12 29	4 24	4 3	17 45			n.a.
F 19	23 4	15 24	4 44	17 26	0 35	22 7	1 28	22 16	1 10	9 48	1 8	0 8	2 28	7 55	0 30	1 50	2 2	34 17	12 29	4 27	4 4	17 45			n.a.
S 20	22 57	17 40	5 2	16 57	0 44	21 51	1 28	22 8	1 10	9 51	1 8	0 9	2 28	7 55	0 30	1 50	2 2	34 18	12 29	4 30	4 6	17 44			n.a.
S 21	22 50	18 48	5 0	16 27	0 53	21 35	1 28	22 0	1 10	9 53	1 8	0 10	2 28	7 56	0 30	1 49	2 2	34 18	12 29	4 33	4 7	17 43			n.a.
M22	22 43	18 36	4 38	15 58	1 3	21 18	1 28	21 52	1 10	9 56	1 8	0 12	2 28	7 56	0 30	1 49	2 2	34 18	12 29	4 37	4 8	17 43			n.a.
T 23	22 35	17 4	3 55	15 29	1 12	21 0	1 28	21 44	1 9	9 58	1 9	0 13	2 27	7 56	0 30	1 49	2 2	34 18	12 29	4 40	4 9	17 42			n.a.
W24	22 27	14 20	2 56	15 0	1 22	20 41	1 28	21 35	1 9	10 1	1 9	0 15	2 27	7 57	0 30	1 48	2 2	34 19	12 29	4 43	4 11	17 42			n.a.
T 25	22 19	10 42	1 46	14 31	1 32	20 22	1 28	21 26	1 9	10 3	1 9	0 16	2 27	7 57	0 30	1 48	2 2	34 19	12 29	4 44	4 12	17 41			n.a.
F 26	22 10	6 30	0 30	14 3	1 41	20 3	1 27	21 18	1 9	10 5	1 9	0 18	2 27	7 57	0 30	1 47	2 2	34 19	12 30	4 45	4 13	17 40			n.a.
S 27	22 0	2 4	0n45	13 36	1 51	19 43	1 27	21 9	1 9	10 7	1 9	0 19	2 26	7 57	0 30	1 47	2 1	34 20	12 30	4 45	4 14	17 40			n.a.
S 28	21 51	2s20	1 55	13 9	2 1	19 22	1 26	20 59	1 9	10 10	1 9	0 21	2 26	7 57	0 30	1 46	2 1	34 20	12 30	4 44	4 16	17 39			n.a.
M29	21 41	6 28	2 57	12 43	2 11	19 1	1 26	20 50	1 8	10 12	1 9	0 22	2 26	7 58	0 30	1 46	2 1	34 20	12 30	4 44	4 17	17 39			n.a.
T 30	21 30	10 12	3 48	12 17	2 20	18 39	1 25	20 41	1 8	10 14	1 9	0 24	2 26	7 58	0 30	1 45	2 1	34 20	12 30	4 45	4 18	17 38			n.a.
W31	21n19	13s23	4n28	11n53	2s30	18n17	1n25	20n31	1n 8	10n16	1s10	0s26	2n25	7n58	0s30	1n45	2n 1	34s21	12s30	4n46	4n20	17s37			n.a.

Julian Day Number = 1294992.5, Delta T = 07h55m41s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'26, Lahiri = -20°04'26 Julian Calendar 1 July 1168 BCE == Greg. Calendar 20 June 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

AUGUST 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 53	26♋48'38	0♐57	23♌13	15♌ 8	5♌17	29♈13	6♎38	21♈18	0♎17	21°R47	18°R 4	19♍11	23♑ 2	n.a.	T 1
F 2	19 58 49	27°47'01	13° 4	23°52	16°22	5°56	29°18	6°42	21°18	0°18	21♑46	17♍57	19° 8	23° 9	n.a.	F 2
S 3	20 2 46	28°45'25	25° 4	24°28	17°36	6°35	29°23	6°45	21°18	0°19	21°45	17°49	19° 5	23°15	n.a.	S 3
S 4	20 6 42	29°43'51	6♑59	24°59	18°50	7°14	29°29	6°49	21°18	0°21	21°43	17°40	19° 2	23°22	n.a.	S 4
M 5	20 10 39	0♌42'19	18°51	25°26	20° 4	7°53	29°33	6°53	21°19	0°22	21°42	17°31	18°59	23°29	n.a.	M 5
T 6	20 14 36	1°40'49	0♒42	25°47	21°19	8°32	29°38	6°58	21°19	0°23	21°41	17°22	18°55	23°35	n.a.	T 6
W 7	20 18 32	2°39'21	12°34	26° 4	22°33	9°12	29°43	7° 2	21°19	0°25	21°40	17°16	18°52	23°42	n.a.	W 7
T 8	20 22 29	3°37'55	24°28	26°14	23°47	9°51	29°47	7° 6	21°R19	0°26	21°38	17°11	18°49	23°49	n.a.	T 8
F 9	20 26 25	4°36'31	6♓28	26°R19	25° 1	10°30	29°51	7°10	21°19	0°27	21°37	17° 9	18°46	23°55	n.a.	F 9
S 10	20 30 22	5°35'10	18°34	26°18	26°15	11° 9	29°55	7°15	21°19	0°29	21°36	17°D 8	18°43	24° 2	n.a.	S 10
S 11	20 34 18	6°33'51	0♈50	26°10	27°29	11°49	29°59	7°19	21°19	0°30	21°35	17° 9	18°40	24° 9	n.a.	S 11
M12	20 38 15	7°32'34	13°20	25°55	28°44	12°28	0♉ 3	7°24	21°18	0°32	21°33	17°10	18°36	24°16	n.a.	M12
T 13	20 42 11	8°31'19	26° 8	25°33	29°58	13° 7	0° 6	7°28	21°18	0°33	21°32	17°12	18°33	24°22	n.a.	T 13
W14	20 46 8	9°30'07	9♉17	25° 3	1♍12	13°47	0°10	7°33	21°18	0°35	21°31	17°R12	18°30	24°29	n.a.	W14
T 15	20 50 4	10°28'57	22°50	24°27	2°26	14°26	0°13	7°38	21°18	0°36	21°30	17°12	18°27	24°36	n.a.	T 15
F 16	20 54 1	11°27'50	6♊49	23°44	3°40	15° 6	0°16	7°42	21°17	0°38	21°28	17° 9	18°24	24°42	n.a.	F 16
S 17	20 57 58	12°26'46	21°14	22°55	4°54	15°45	0°18	7°47	21°17	0°40	21°27	17° 6	18°21	24°49	n.a.	S 17
S 18	21 1 54	13°25'43	6♋ 1	21°59	6° 9	16°25	0°21	7°52	21°16	0°41	21°26	17° 1	18°17	24°56	n.a.	S 18
M19	21 5 51	14°24'44	21° 4	20°59	7°23	17° 4	0°23	7°57	21°16	0°43	21°25	16°56	18°14	25° 2	n.a.	M19
T 20	21 9 47	15°23'46	6♌15	19°55	8°37	17°44	0°25	8° 2	21°15	0°45	21°24	16°52	18°11	25° 9	n.a.	T 20
W21	21 13 44	16°22'51	21°23	18°48	9°51	18°24	0°27	8° 8	21°15	0°46	21°23	16°49	18° 8	25°16	n.a.	W21
T 22	21 17 40	17°21'57	6♍20	17°40	11° 5	19° 3	0°29	8°13	21°14	0°48	21°22	16°47	18° 5	25°23	n.a.	T 22
F 23	21 21 37	18°21'06	20°56	16°33	12°19	19°43	0°31	8°18	21°13	0°50	21°20	16°D47	18° 1	25°29	n.a.	F 23
S 24	21 25 33	19°20'17	5♎ 7	15°29	13°33	20°23	0°32	8°23	21°12	0°52	21°19	16°47	17°58	25°36	n.a.	S 24
S 25	21 29 30	20°19'30	18°51	14°29	14°47	21° 2	0°33	8°29	21°12	0°53	21°18	16°49	17°55	25°43	n.a.	S 25
M26	21 33 26	21°18'44	2♏ 9	13°35	16° 2	21°42	0°34	8°34	21°11	0°55	21°17	16°50	17°52	25°49	n.a.	M26
T 27	21 37 23	22°18'01	15° 2	12°48	17°16	22°22	0°35	8°40	21°10	0°57	21°16	16°51	17°49	25°56	n.a.	T 27
W28	21 41 20	23°17'19	27°35	12°10	18°30	23° 2	0°36	8°45	21° 9	0°59	21°15	16°R52	17°46	26° 3	n.a.	W28
T 29	21 45 16	24°16'40	9♐51	11°42	19°44	23°42	0°36	8°51	21° 8	1° 1	21°14	16°51	17°42	26° 9	n.a.	T 29
F 30	21 49 13	25°16'02	21°55	11°24	20°58	24°22	0°R36	8°56	21° 7	1° 3	21°13	16°49	17°39	26°16	n.a.	F 30
S 31	21 53 9	26♌15'27	3♑51	11°D17	22♍12	25♌ 2	0♉36	9♎ 2	21♈ 5	1♎ 5	21♑12	16♍46	17♍36	26♑23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n 8	15s54	4n53	11n30	2s39	17n54	1n24	20n21	1n 8	10n17	1s10	0s28	2n25	7n58	0s30	1n44	2n 1	34s21	12s30	4n47	4n21	17s37			n.a.
F 2	20 57	17 41	5 6	11 8	2 49	17 30	1 23	20 11	1 8	10 19	1 10	0 29	2 25	7 58	0 30	1 44	2 1	34 21	12 30	4 50	4 22	17 36			n.a.
S 3	20 45	18 40	5 4	10 48	2 58	17 7	1 22	20 1	1 7	10 21	1 10	0 31	2 25	7 58	0 30	1 43	2 1	34 21	12 30	4 54	4 23	17 35			n.a.
S 4	20 32	18 49	4 50	10 29	3 7	16 42	1 21	19 51	1 7	10 23	1 10	0 33	2 24	7 58	0 31	1 42	2 1	34 22	12 30	4 57	4 25	17 35			n.a.
M 5	20 20	18 9	4 23	10 12	3 15	16 18	1 20	19 40	1 7	10 24	1 10	0 35	2 24	7 58	0 31	1 42	2 1	34 22	12 30	5 1	4 26	17 34			n.a.
T 6	20 7	16 41	3 44	9 57	3 23	15 53	1 19	19 30	1 7	10 26	1 10	0 36	2 24	7 58	0 31	1 41	2 1	34 22	12 30	5 4	4 27	17 34			n.a.
W 7	19 53	14 30	2 56	9 44	3 30	15 27	1 18	19 19	1 7	10 27	1 10	0 38	2 24	7 58	0 31	1 41	2 1	34 22	12 30	5 7	4 28	17 33			n.a.
T 8	19 39	11 42	2 0	9 34	3 37	15 1	1 17	19 8	1 6	10 29	1 11	0 40	2 24	7 58	0 31	1 40	2 1	34 22	12 30	5 8	4 30	17 32			n.a.
F 9	19 25	8 24	0 58	9 27	3 44	14 35	1 16	18 57	1 6	10 30	1 11	0 42	2 23	7 58	0 31	1 39	2 1	34 23	12 30	5 9	4 31	17 32			n.a.
S 10	19 11	4 43	0s 8	9 22	3 49	14 8	1 14	18 46	1 6	10 31	1 11	0 44	2 23	7 58	0 31	1 39	2 1	34 23	12 30	5 10	4 32	17 31			n.a.
S 11	18 56	0 47	1 14	9 21	3 53	13 41	1 13	18 35	1 6	10 33	1 11	0 46	2 23	7 58	0 31	1 38	2 1	34 23	12 30	5 9	4 33	17 30			n.a.
M12	18 41	3n14	2 18	9 23	3 57	13 13	1 11	18 23	1 6	10 34	1 11	0 48	2 23	7 58	0 31	1 37	2 1	34 23	12 30	5 9	4 35	17 30			n.a.
T 13	18 26	7 12	3 16	9 28	3 59	12 45	1 10	18 12	1 5	10 35	1 11	0 50	2 22	7 58	0 31	1 37	2 1	34 23	12 30	5 8	4 36	17 29			n.a.
W14	18 10	10 56	4 6	9 38	3 59	12 17	1 8	18 0	1 5	10 36	1 11	0 52	2 22	7 58	0 31	1 36	2 0	34 23	12 29	5 8	4 37	17 28			n.a.
T 15	17 54	14 12	4 44	9 50	3 59	11 49	1 7	17 48	1 5	10 37	1 12	0 54	2 22	7 58	0 31	1 35	2 0	34 24	12 29	5 8	4 38	17 28			n.a.
F 16	17 37	16 46	5 7	10 7	3 56	11 20	1 5	17 36	1 5	10 38	1 12	0 56	2 22	7 58	0 31	1 35	2 0	34 24	12 29	5 9	4 40	17 27			n.a.
S 17	17 21	18 22	5 11	10 28	3 52	10 51	1 3	17 24	1 4	10 39	1 12	0 59	2 22	7 57	0 31	1 34	2 0	34 24	12 29	5 11	4 41	17 26			n.a.
S 18	17 4	18 47	4 55	10 52	3 45	10 21	1 1	17 12	1 4	10 40	1 12	1 1	2 21	7 57	0 31	1 33	2 0	34 24	12 29	5 12	4 42	17 26			n.a.
M19	16 46	17 53	4 19	11 19	3 37	9 51	0 59	16 59	1 4	10 40	1 12	1 3	2 21	7 57	0 31	1 33	2 0	34 24	12 29	5 14	4 44	17 25			n.a.
T 20	16 29	15 44	3 24	11 49	3 26	9 22	0 58	16 47	1 4	10 41	1 12	1 5	2 21	7 57	0 31	1 32	2 0	34 24	12 29	5 16	4 45	17 24			n.a.
W21	16 11	12 29	2 15	12 22	3 14	8 51	0 56	16 34	1 3	10 41	1 12	1 7	2 21	7 57	0 31	1 31	2 0	34 24	12 29	5 17	4 46	17 24			n.a.
T 22	15 53	8 27	0 57	12 57	3 0	8 21	0 54	16 21	1 3	10 42	1 12	1 10	2 21	7 56	0 31	1 30	2 0	34 25	12 29	5 18	4 47	17 23			n.a.
F 23	15 35	4 0	0n23	13 32	2 44	7 50	0 51	16 8	1 3	10 42	1 13	1 12	2 20	7 56	0 31	1 30	2 0	34 25	12 29	5 18	4 49	17 22			n.a.
S 24	15 16	0s33	1 39	14 8	2 26	7 19	0 49	15 55	1 3	10 43	1 13	1 14	2 20	7 56	0 31	1 29	2 0	34 25	12 29	5 18	4 50	17 22			n.a.
S 25	14 57	4 56	2 47	14 43	2 8	6 48	0 47	15 42	1 2	10 43	1 13	1 17	2 20	7 55	0 31	1 28	2 0	34 25	12 29	5 17	4 51	17 21			n.a.
M26	14 38	8 55	3 44	15 18	1 48	6 17	0 45	15 29	1 2	10 43	1 13	1 19	2 20	7 55	0 31	1 27	2 0	34 25	12 28	5 17	4 52	17 20			n.a.
T 27	14 18	12 21	4 28	15 50	1 28	5 46	0 43	15 15	1 2	10 43	1 13	1 21	2 20	7 55	0 31	1 27	2 0	34 25	12 28	5 16	4 54	17 20			n.a.
W28	13 59	15 7	4 57	16 20	1 8	5 14	0 40	15 2	1 2	10 43	1 13	1 24	2 20	7 54	0 31	1 26	2 0	34 25	12 28	5 16	4 55	17 19			n.a.
T 29	13 39	17 8	5 13	16 47	0 49	4 43	0 38	14 48	1 1	10 43	1 13	1 26	2 19	7 54	0 31	1 25	2 0	34 25	12 28	5 17	4 56	17 18			n.a.
F 30	13 19	18 22	5 14	17 10	0 29	4 11	0 36	14 34	1 1	10 43	1 13	1 28	2 19	7 53	0 31	1 24	2 0	34 25	12 28	5 17	4 57	17 17			n.a.
S 31	12n58	18s45	5n 1	17n30	0s11	3n39	0n33	14n21	1n 1	10n43	1s14	1s31	2n19	7n53	0s31	1n23	2n 0	34s25	12s28	5n18	4n59	17s17			n.a.

Julian Day Number = 1295023.5, Delta T = 07h55m39s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'22, Lahiri = -20°04'21 Julian Calendar 1 Aug. 1168 BCE == Greg. Calendar 21 July 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

SEPTEMBER 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 6	27♌14'53	15♉43	11♌20	23♍26	25♌42	0°R36	9♎ 8	21°R 4	1♎ 7	21°R11	16°R43	17♍33	26♉30	n.a.	S 1
M 2	22 1 2	28°14'22	27°34	11°34	24°40	26°22	0♉35	9°14	21♈ 3	1° 9	21♉10	16♍40	17°30	26°36	n.a.	M 2
T 3	22 4 59	29°13'52	9♒26	11°59	25°54	27° 2	0°35	9°20	21° 2	1°11	21° 9	16°37	17°27	26°43	n.a.	T 3
W 4	22 8 55	0♍13'24	21°23	12°33	27° 8	27°42	0°34	9°26	21° 1	1°13	21° 8	16°35	17°23	26°50	n.a.	W 4
T 5	22 12 52	1°12'59	3♓25	13°16	28°22	28°23	0°33	9°31	20°59	1°15	21° 7	16°33	17°20	26°56	n.a.	T 5
F 6	22 16 49	2°12'36	15°35	14° 7	29°36	29° 3	0°32	9°38	20°58	1°17	21° 6	16°D33	17°17	27° 3	n.a.	F 6
S 7	22 20 45	3°12'15	27°55	15° 6	0♎49	29°43	0°30	9°44	20°56	1°19	21° 5	16°33	17°14	27°10	n.a.	S 7
S 8	22 24 42	4°11'56	10♈25	16°12	2° 3	0♍23	0°29	9°50	20°55	1°21	21° 4	16°34	17°11	27°16	n.a.	S 8
M 9	22 28 38	5°11'39	23° 8	17°23	3°17	1° 4	0°27	9°56	20°53	1°23	21° 3	16°35	17° 7	27°23	n.a.	M 9
T 10	22 32 35	6°11'25	6♉ 6	18°40	4°31	1°44	0°25	10° 2	20°52	1°25	21° 3	16°36	17° 4	27°30	n.a.	T 10
W11	22 36 31	7°11'14	19°20	20° 1	5°45	2°24	0°22	10° 8	20°50	1°27	21° 2	16°37	17° 1	27°36	n.a.	W11
T 12	22 40 28	8°11'04	2♊52	21°26	6°59	3° 5	0°20	10°14	20°49	1°29	21° 1	16°R37	16°58	27°43	n.a.	T 12
F 13	22 44 24	9°10'57	16°43	22°55	8°13	3°45	0°17	10°21	20°47	1°31	21° 0	16°37	16°55	27°50	n.a.	F 13
S 14	22 48 21	10°10'53	0♋53	24°26	9°26	4°26	0°15	10°27	20°45	1°33	20°59	16°37	16°52	27°56	n.a.	S 14
S 15	22 52 17	11°10'51	15°20	25°59	10°40	5° 6	0°12	10°34	20°43	1°35	20°59	16°36	16°48	28° 3	n.a.	S 15
M16	22 56 14	12°10'51	0♌ 1	27°34	11°54	5°47	0° 8	10°40	20°42	1°37	20°58	16°36	16°45	28°10	n.a.	M16
T 17	23 0 11	13°10'54	14°49	29°10	13° 8	6°28	0° 5	10°46	20°40	1°40	20°57	16°35	16°42	28°17	n.a.	T 17
W18	23 4 7	14°10'59	29°39	0♍48	14°22	7° 8	0° 1	10°53	20°38	1°42	20°57	16°35	16°39	28°23	n.a.	W18
T 19	23 8 4	15°11'05	14♍23	2°26	15°35	7°49	29♈58	10°59	20°36	1°44	20°56	16°D35	16°36	28°30	n.a.	T 19
F 20	23 12 0	16°11'14	28°53	4° 6	16°49	8°30	29°54	11° 6	20°34	1°46	20°55	16°R35	16°32	28°37	n.a.	F 20
S 21	23 15 57	17°11'25	13♎ 4	5°45	18° 3	9°11	29°49	11°13	20°32	1°48	20°55	16°35	16°29	28°43	n.a.	S 21
S 22	23 19 53	18°11'37	26°52	7°25	19°16	9°52	29°45	11°19	20°30	1°50	20°54	16°35	16°26	28°50	n.a.	S 22
M23	23 23 50	19°11'52	10♏15	9° 5	20°30	10°33	29°40	11°26	20°28	1°53	20°54	16°35	16°23	28°57	n.a.	M23
T 24	23 27 46	20°12'08	23°14	10°45	21°44	11°13	29°36	11°33	20°26	1°55	20°53	16°34	16°20	29° 3	n.a.	T 24
W25	23 31 43	21°12'26	5♐51	12°24	22°57	11°54	29°31	11°39	20°24	1°57	20°52	16°34	16°17	29°10	n.a.	W25
T 26	23 35 39	22°12'45	18°10	14° 4	24°11	12°35	29°26	11°46	20°22	1°59	20°52	16°D34	16°13	29°17	n.a.	T 26
F 27	23 39 36	23°13'06	0♑15	15°44	25°25	13°16	29°21	11°53	20°20	2° 2	20°51	16°34	16°10	29°23	n.a.	F 27
S 28	23 43 33	24°13'29	12°11	17°23	26°38	13°58	29°15	12° 0	20°18	2° 4	20°51	16°34	16° 7	29°30	n.a.	S 28
S 29	23 47 29	25°13'53	24° 1	19° 2	27°52	14°39	29°10	12° 6	20°15	2° 6	20°51	16°35	16° 4	29°37	n.a.	S 29
M30	23 51 26	26♍14'19	5♒52	20♍41	29♎ 5	15♍20	29♈ 4	12♎13	20♈13	2♎ 8	20♉50	16♍36	16♍ 1	29♉44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n38	18s19	4n36	17n46	0n 7	3n 7	0n31	14n 7	1n 1	10n43	1s14	1s33	2n19	7n53	0s31	1n23	2n 0	34s25	12s28	5n20	5n 0	17s16		n.a.
M 2	12 17	17 5	3 59	17 58	0 23	2 35	0 28	13 52	1 0	10 43	1 14	1 36	2 19	7 52	0 31	1 22	2 0	34 25	12 27	5 21	5 1	17 15		n.a.
T 3	11 56	15 7	3 11	18 6	0 38	2 3	0 25	13 38	1 0	10 43	1 14	1 38	2 19	7 52	0 31	1 21	2 0	34 25	12 27	5 22	5 2	17 15		n.a.
W 4	11 35	12 29	2 15	18 9	0 52	1 30	0 23	13 24	1 0	10 42	1 14	1 41	2 18	7 51	0 31	1 20	2 0	34 25	12 27	5 23	5 4	17 14		n.a.
T 5	11 13	9 18	1 12	18 8	1 5	0 58	0 20	13 9	0 59	10 42	1 14	1 43	2 18	7 51	0 31	1 19	2 0	34 25	12 27	5 23	5 5	17 13		n.a.
F 6	10 51	5 41	0 5	18 4	1 16	0 26	0 17	12 55	0 59	10 41	1 14	1 46	2 18	7 50	0 31	1 18	2 0	34 25	12 27	5 24	5 6	17 12		n.a.
S 7	10 30	1 48	1s 3	17 56	1 25	0s 6	0 15	12 40	0 59	10 40	1 14	1 48	2 18	7 49	0 31	1 18	2 0	34 25	12 27	5 23	5 7	17 12		n.a.
S 8	10 8	2n13	2 9	17 44	1 34	0 39	0 12	12 26	0 59	10 40	1 15	1 51	2 18	7 49	0 31	1 17	1 59	34 25	12 27	5 23	5 9	17 11		n.a.
M 9	9 46	6 13	3 9	17 28	1 41	1 11	0 9	12 11	0 58	10 39	1 15	1 53	2 18	7 48	0 31	1 16	1 59	34 25	12 26	5 23	5 10	17 10		n.a.
T 10	9 23	9 58	4 2	17 10	1 47	1 44	0 6	11 56	0 58	10 38	1 15	1 56	2 18	7 48	0 31	1 15	1 59	34 25	12 26	5 22	5 11	17 9		n.a.
W11	9 1	13 19	4 42	16 48	1 52	2 16	0 4	11 41	0 58	10 37	1 15	1 59	2 17	7 47	0 31	1 14	1 59	34 25	12 26	5 22	5 12	17 9		n.a.
T 12	8 38	16 2	5 8	16 24	1 55	2 48	0 1	11 26	0 57	10 36	1 15	2 1	2 17	7 46	0 31	1 13	1 59	34 25	12 26	5 22	5 14	17 8		n.a.
F 13	8 15	17 53	5 17	15 57	1 58	3 20	0s 2	11 10	0 57	10 35	1 15	2 4	2 17	7 46	0 31	1 12	1 59	34 25	12 26	5 22	5 15	17 7		n.a.
S 14	7 52	18 42	5 8	15 28	2 0	3 53	0 5	10 55	0 57	10 34	1 15	2 7	2 17	7 45	0 31	1 12	1 59	34 25	12 25	5 22	5 16	17 6		n.a.
S 15	7 29	18 19	4 39	14 57	2 1	4 25	0 8	10 40	0 56	10 33	1 15	2 9	2 17	7 44	0 31	1 11	1 59	34 25	12 25	5 22	5 17	17 6		n.a.
M16	7 6	16 43	3 51	14 24	2 1	4 57	0 11	10 24	0 56	10 32	1 15	2 12	2 17	7 44	0 31	1 10	1 59	34 25	12 25	5 22	5 19	17 5		n.a.
T 17	6 43	13 59	2 48	13 49	2 0	5 29	0 14	10 9	0 56	10 31	1 15	2 15	2 17	7 43	0 31	1 9	1 59	34 25	12 25	5 23	5 20	17 4		n.a.
W18	6 19	10 20	1 33	13 13	1 59	6 0	0 17	9 53	0 55	10 29	1 16	2 17	2 17	7 42	0 31	1 8	1 59	34 25	12 25	5 23	5 21	17 3		n.a.
T 19	5 56	6 3	0 12	12 35	1 57	6 32	0 20	9 37	0 55	10 28	1 16	2 20	2 16	7 42	0 31	1 7	1 59	34 25	12 24	5 23	5 23	17 3		n.a.
F 20	5 32	1 29	1n 8	11 56	1 55	7 4	0 22	9 21	0 55	10 26	1 16	2 23	2 16	7 41	0 31	1 6	1 59	34 24	12 24	5 23	5 24	17 2		n.a.
S 21	5 8	3s 4	2 22	11 17	1 52	7 35	0 25	9 6	0 54	10 25	1 16	2 25	2 16	7 40	0 31	1 5	1 59	34 24	12 24	5 23	5 25	17 1		n.a.
S 22	4 45	7 20	3 26	10 36	1 48	8 6	0 28	8 50	0 54	10 23	1 16	2 28	2 16	7 39	0 31	1 4	1 59	34 24	12 24	5 23	5 26	17 0		n.a.
M23	4 21	11 5	4 16	9 54	1 44	8 37	0 31	8 34	0 54	10 21	1 16	2 31	2 16	7 39	0 31	1 4	1 59	34 24	12 24	5 23	5 28	17 0		n.a.
T 24	3 57	14 11	4 52	9 12	1 40	9 8	0 34	8 17	0 53	10 20	1 16	2 33	2 16	7 38	0 31	1 3	1 59	34 24	12 23	5 23	5 29	16 59		n.a.
W25	3 32	16 31	5 12	8 29	1 36	9 39	0 37	8 1	0 53	10 18	1 16	2 36	2 16	7 37	0 31	1 2	1 59	34 24	12 23	5 23	5 30	16 58		n.a.
T 26	3 8	18 1	5 17	7 46	1 31	10 9	0 40	7 45	0 52	10 16	1 16	2 39	2 16	7 36	0 31	1 1	1 59	34 24	12 23	5 23	5 31	16 57		n.a.
F 27	2 44	18 41	5 9	7 2	1 26	10 39	0 43	7 29	0 52	10 14	1 16	2 42	2 16	7 35	0 31	1 0	1 59	34 24	12 23	5 23	5 33	16 56		n.a.
S 28	2 20	18 30	4 47	6 18	1 21	11 9	0 46	7 12	0 52	10 12	1 16	2 44	2 16	7 34	0 31	0 59	1 59	34 23	12 22	5 23	5 34	16 56		n.a.
S 29	1 56	17 31	4 12	5 34	1 15	11 39	0 49	6 56	0 51	10 10	1 16	2 47	2 15	7 34	0 31	0 58	1 59	34 23	12 22	5 23	5 35	16 55		n.a.
M30	1n31	15s46	3n27	4n49	1n10	12s 8	0s52	6n39	0n51	10n 8	1s16	2s50	2n15	7n33	0s31	0n57	1n59	34s23	12s22	5n22	5n36	16s54		n.a.

Julian Day Number = 1295054.5, Delta T = 07h55m37s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'18, Lahiri = -20°04'17 Julian Calendar 1 Sept. 1168 BCE == Greg. Calendar 21 Aug. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

OCTOBER 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 22	27♍14'46	17♒47	22♍19	0♏19	16♍ 1	28°R58	12♎20	20°R11	2♎10	20°R50	16♍37	15♍58	29♉50	n.a.	T 1
W 2	23 59 19	28°15'15	29°48	23°57	1°32	16°42	28♈52	12°27	20♈ 9	2°13	20♉49	16°38	15°54	29°57	n.a.	W 2
T 3	0 3 15	29°15'46	12♓ 0	25°35	2°45	17°24	28°46	12°34	20° 6	2°15	20°49	16°R39	15°51	0♒ 4	n.a.	T 3
F 4	0 7 12	0♎16'18	24°24	27°12	3°59	18° 5	28°40	12°41	20° 4	2°17	20°49	16°38	15°48	0°10	n.a.	F 4
S 5	0 11 8	1°16'52	7♈ 1	28°49	5°12	18°46	28°33	12°48	20° 2	2°19	20°49	16°38	15°45	0°17	n.a.	S 5
S 6	0 15 5	2°17'28	19°52	0♎26	6°26	19°28	28°27	12°54	19°59	2°22	20°48	16°36	15°42	0°24	n.a.	S 6
M 7	0 19 2	3°18'05	2♉58	2° 2	7°39	20° 9	28°20	13° 1	19°57	2°24	20°48	16°34	15°38	0°30	n.a.	M 7
T 8	0 22 58	4°18'44	16°16	3°39	8°52	20°51	28°13	13° 8	19°54	2°26	20°48	16°31	15°35	0°37	n.a.	T 8
W 9	0 26 55	5°19'25	29°47	5°14	10° 5	21°32	28° 6	13°15	19°52	2°28	20°48	16°29	15°32	0°44	n.a.	W 9
T 10	0 30 51	6°20'08	13♊30	6°50	11°19	22°14	27°59	13°22	19°50	2°31	20°47	16°26	15°29	0°50	n.a.	T 10
F 11	0 34 48	7°20'53	27°24	8°25	12°32	22°55	27°52	13°29	19°47	2°33	20°47	16°25	15°26	0°57	n.a.	F 11
S 12	0 38 44	8°21'39	11♋27	10° 0	13°45	23°37	27°45	13°36	19°45	2°35	20°47	16°D25	15°23	1° 4	n.a.	S 12
S 13	0 42 41	9°22'28	25°38	11°35	14°58	24°19	27°37	13°43	19°42	2°37	20°47	16°26	15°19	1°10	n.a.	S 13
M14	0 46 37	10°23'18	9♌56	13°10	16°11	25° 0	27°30	13°50	19°40	2°40	20°47	16°27	15°16	1°17	n.a.	M14
T 15	0 50 34	11°24'09	24°17	14°44	17°24	25°42	27°22	13°57	19°37	2°42	20°47	16°28	15°13	1°24	n.a.	T 15
W16	0 54 31	12°25'03	8♍39	16°19	18°37	26°24	27°15	14° 4	19°35	2°44	20°D47	16°29	15°10	1°30	n.a.	W16
T 17	0 58 27	13°25'58	22°57	17°53	19°50	27° 6	27° 7	14°11	19°32	2°46	20°47	16°R30	15° 7	1°37	n.a.	T 17
F 18	1 2 24	14°26'54	7♎ 6	19°27	21° 3	27°48	26°59	14°18	19°30	2°49	20°47	16°28	15° 3	1°44	n.a.	F 18
S 19	1 6 20	15°27'51	21° 3	21° 0	22°16	28°30	26°51	14°25	19°27	2°51	20°47	16°25	15° 0	1°50	n.a.	S 19
S 20	1 10 17	16°28'50	4♏42	22°34	23°29	29°12	26°43	14°32	19°25	2°53	20°47	16°21	14°57	1°57	n.a.	S 20
M21	1 14 13	17°29'50	18° 2	24° 7	24°42	29°54	26°35	14°39	19°22	2°55	20°47	16°16	14°54	2° 4	n.a.	M21
T 22	1 18 10	18°30'52	1♐ 2	25°41	25°55	0♎36	26°27	14°46	19°20	2°57	20°48	16°10	14°51	2°11	n.a.	T 22
W23	1 22 6	19°31'54	13°41	27°14	27° 7	1°18	26°19	14°53	19°17	3° 0	20°48	16° 5	14°48	2°17	n.a.	W23
T 24	1 26 3	20°32'57	26° 2	28°48	28°20	2° 0	26°11	15° 0	19°15	3° 2	20°48	16° 1	14°44	2°24	n.a.	T 24
F 25	1 29 59	21°34'01	8♑ 9	0♏21	29°33	2°42	26° 3	15° 7	19°12	3° 4	20°48	15°58	14°41	2°31	n.a.	F 25
S 26	1 33 56	22°35'05	20° 5	1°54	0♐45	3°24	25°55	15°14	19°10	3° 6	20°48	15°D57	14°38	2°37	n.a.	S 26
S 27	1 37 53	23°36'11	1♒55	3°27	1°58	4° 7	25°46	15°21	19° 7	3° 8	20°49	15°57	14°35	2°44	n.a.	S 27
M28	1 41 49	24°37'17	13°45	5° 0	3°10	4°49	25°38	15°28	19° 4	3°10	20°49	15°59	14°32	2°51	n.a.	M28
T 29	1 45 46	25°38'23	25°40	6°33	4°23	5°31	25°30	15°35	19° 2	3°13	20°49	16° 1	14°29	2°57	n.a.	T 29
W30	1 49 42	26°39'31	7♓45	8° 5	5°35	6°14	25°22	15°42	18°59	3°15	20°50	16° 2	14°25	3° 4	n.a.	W30
T 31	1 53 39	27♎40'39	20♓ 3	9♏38	6♐48	6♎56	25♈14	15♎49	18♈57	3♎17	20♉50	16°R 2	14♍22	3♒11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n 7	13s19	2n33	4n 4	1n 4	12s37	0s55	6n23	0n51	10n 6	1s16	2s53	2n15	7n32	0s31	0n56	1n59	34s23	12s22	5n22	5n38	16s53			n.a.
W 2	0 42	10 17	1 32	3 19	0 58	13 6	0 58	6 6	0 50	10 4	1 16	2 56	2 15	7 31	0 31	0 55	1 59	34 23	12 21	5 22	5 39	16 52			n.a.
T 3	0 18	6 47	0 26	2 34	0 52	13 35	1 1	5 49	0 50	10 1	1 16	2 58	2 15	7 30	0 31	0 54	1 59	34 23	12 21	5 21	5 40	16 52			n.a.
F 4	0s 7	2 55	0s43	1 49	0 46	14 3	1 4	5 33	0 49	9 59	1 16	3 1	2 15	7 29	0 31	0 54	1 59	34 22	12 21	5 21	5 41	16 51			n.a.
S 5	0 31	1n 9	1 50	1 4	0 39	14 31	1 6	5 16	0 49	9 57	1 16	3 4	2 15	7 28	0 31	0 53	1 59	34 22	12 21	5 22	5 43	16 50			n.a.
S 6	0 56	5 13	2 54	0 20	0 33	14 58	1 9	4 59	0 49	9 54	1 16	3 7	2 15	7 27	0 31	0 52	1 59	34 22	12 20	5 22	5 44	16 49			n.a.
M 7	1 20	9 7	3 49	0s25	0 26	15 25	1 12	4 42	0 48	9 52	1 16	3 9	2 15	7 26	0 31	0 51	1 59	34 22	12 20	5 23	5 45	16 48			n.a.
T 8	1 44	12 37	4 33	1 10	0 20	15 52	1 15	4 25	0 48	9 50	1 16	3 12	2 15	7 26	0 31	0 50	1 59	34 21	12 20	5 24	5 46	16 48			n.a.
W 9	2 9	15 31	5 2	1 55	0 14	16 18	1 17	4 8	0 47	9 47	1 16	3 15	2 15	7 25	0 31	0 49	1 59	34 21	12 20	5 25	5 48	16 47			n.a.
T 10	2 33	17 35	5 15	2 39	0 7	16 44	1 20	3 51	0 47	9 45	1 16	3 18	2 15	7 24	0 31	0 48	1 59	34 21	12 19	5 26	5 49	16 46			n.a.
F 11	2 58	18 39	5 10	3 23	0 0	17 10	1 23	3 34	0 47	9 42	1 16	3 21	2 15	7 23	0 31	0 47	1 59	34 21	12 19	5 27	5 50	16 45			n.a.
S 12	3 22	18 35	4 46	4 7	0s 6	17 35	1 25	3 17	0 46	9 39	1 16	3 23	2 15	7 22	0 31	0 46	1 59	34 21	12 19	5 27	5 51	16 44			n.a.
S 13	3 46	17 21	4 5	4 51	0 13	17 59	1 28	3 0	0 46	9 37	1 16	3 26	2 15	7 21	0 31	0 45	1 59	34 20	12 19	5 26	5 53	16 43			n.a.
M14	4 11	15 2	3 8	5 34	0 19	18 24	1 30	2 42	0 45	9 34	1 16	3 29	2 15	7 20	0 31	0 45	1 59	34 20	12 18	5 26	5 54	16 43			n.a.
T 15	4 35	11 46	1 59	6 17	0 25	18 47	1 33	2 25	0 45	9 31	1 16	3 32	2 15	7 19	0 31	0 44	1 59	34 20	12 18	5 25	5 55	16 42			n.a.
W16	4 59	7 48	0 43	7 0	0 32	19 10	1 35	2 8	0 44	9 29	1 16	3 35	2 15	7 18	0 31	0 43	1 59	34 20	12 18	5 25	5 56	16 41			n.a.
T 17	5 23	3 23	0n35	7 43	0 38	19 33	1 38	1 51	0 44	9 26	1 16	3 37	2 15	7 17	0 31	0 42	1 59	34 19	12 18	5 25	5 58	16 40			n.a.
F 18	5 47	1s10	1 51	8 25	0 44	19 55	1 40	1 33	0 43	9 23	1 16	3 40	2 15	7 16	0 31	0 41	1 59	34 19	12 17	5 25	5 59	16 39			n.a.
S 19	6 11	5 36	2 58	9 6	0 50	20 17	1 42	1 16	0 43	9 20	1 16	3 43	2 15	7 15	0 31	0 40	1 59	34 19	12 17	5 27	6 0	16 38			n.a.
S 20	6 35	9 38	3 54	9 47	0 56	20 38	1 45	0 58	0 43	9 17	1 16	3 46	2 14	7 14	0 31	0 39	1 59	34 18	12 17	5 28	6 1	16 38			n.a.
M21	6 59	13 5	4 35	10 28	1 2	20 59	1 47	0 41	0 42	9 14	1 16	3 48	2 14	7 13	0 31	0 38	1 59	34 18	12 16	5 30	6 3	16 37			n.a.
T 22	7 22	15 47	5 1	11 8	1 8	21 19	1 49	0 24	0 42	9 12	1 16	3 51	2 14	7 12	0 31	0 37	1 59	34 18	12 16	5 33	6 4	16 36			n.a.
W23	7 46	17 39	5 12	11 48	1 14	21 38	1 51	0 6	0 41	9 9	1 16	3 54	2 14	7 11	0 31	0 37	1 59	34 18	12 16	5 35	6 5	16 35			n.a.
T 24	8 9	18 39	5 7	12 27	1 19	21 57	1 53	0s11	0 41	9 6	1 16	3 57	2 14	7 10	0 31	0 36	1 59	34 17	12 16	5 36	6 6	16 34			n.a.
F 25	8 32	18 46	4 49	13 6	1 25	22 15	1 55	0 29	0 40	9 3	1 16	3 59	2 14	7 9	0 31	0 35	1 59	34 17	12 15	5 37	6 8	16 33			n.a.
S 26	8 56	18 2	4 19	13 44	1 30	22 33	1 57	0 46	0 40	9 0	1 15	4 2	2 14	7 8	0 31	0 34	1 59	34 17	12 15	5 38	6 9	16 32			n.a.
S 27	9 19	16 32	3 37	14 21	1 35	22 50	1 59	1 4	0 39	8 57	1 15	4 5	2 14	7 7	0 31	0 33	1 59	34 16	12 15	5 38	6 10	16 31			n.a.
M28	9 41	14 19	2 47	14 58	1 40	23 6	2 0	1 21	0 39	8 54	1 15	4 8	2 14	7 6	0 31	0 32	1 59	34 16	12 15	5 37	6 11	16 31			n.a.
T 29	10 4	11 28	1 49	15 34	1 44	23 22	2 2	1 39	0 38	8 51	1 15	4 10	2 14	7 6	0 31	0 32	1 59	34 16	12 14	5 36	6 12	16 30			n.a.
W30	10 27	8 6	0 45	16 9	1 49	23 37	2 4	1 56	0 38	8 48	1 15	4 13	2 14	7 5	0 31	0 31	1 59	34 15	12 14	5 36	6 14	16 29			n.a.
T 31	10s49	4s20	0s22	16s43	1s53	23s51	2s 5	2s14	0n37	8n45	1s15	4s16	2n15	7n 4	0s31	0n30	1n59	34s15	12s14	5n36	6n15	16s28			n.a.

Julian Day Number = 1295084.5, Delta T = 07h55m36s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'13, Lahiri = -20°04'13 Julian Calendar 1 Oct. 1168 BCE == Greg. Calendar 20 Sept. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

NOVEMBER 1168 BCE (-1167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 57 35	28♎41'48	2♈38	11♏11	8♐ 0	7♎38	25°R 6	15♎56	18°R54	3♎19	20♑51	16°R 1	14♍19	3♒17	n.a.	F 1
S 2	2 1 32	29°42'57	15°32	12°43	9°12	8°21	24♈57	16° 3	18♈52	3°21	20°51	15♍57	14°16	3°24	n.a.	S 2
S 3	2 5 28	0♏44'07	28°45	14°15	10°24	9° 3	24°49	16°10	18°50	3°23	20°51	15°52	14°13	3°31	n.a.	S 3
M 4	2 9 25	1°45'18	12♉16	15°47	11°36	9°46	24°41	16°17	18°47	3°25	20°52	15°44	14° 9	3°37	n.a.	M 4
T 5	2 13 22	2°46'29	26° 2	17°18	12°48	10°29	24°33	16°24	18°45	3°27	20°52	15°36	14° 6	3°44	n.a.	T 5
W 6	2 17 18	3°47'42	10♊ 1	18°49	14° 0	11°11	24°25	16°30	18°42	3°29	20°53	15°28	14° 3	3°51	n.a.	W 6
T 7	2 21 15	4°48'55	24° 7	20°20	15°12	11°54	24°17	16°37	18°40	3°31	20°54	15°21	14° 0	3°57	n.a.	T 7
F 8	2 25 11	5°50'09	8♋17	21°50	16°24	12°37	24° 9	16°44	18°37	3°33	20°54	15°15	13°57	4° 4	n.a.	F 8
S 9	2 29 8	6°51'24	22°27	23°19	17°36	13°19	24° 2	16°51	18°35	3°35	20°55	15°12	13°54	4°11	n.a.	S 9
S 10	2 33 4	7°52'39	6♌36	24°48	18°47	14° 2	23°54	16°57	18°33	3°37	20°55	15°D11	13°50	4°17	n.a.	S 10
M11	2 37 1	8°53'56	20°41	26°15	19°59	14°45	23°46	17° 4	18°30	3°39	20°56	15°12	13°47	4°24	n.a.	M11
T 12	2 40 58	9°55'13	4♍42	27°42	21°10	15°28	23°39	17°11	18°28	3°41	20°57	15°13	13°44	4°31	n.a.	T 12
W13	2 44 54	10°56'30	18°38	29° 6	22°22	16°11	23°31	17°17	18°26	3°43	20°57	15°R13	13°41	4°37	n.a.	W13
T 14	2 48 51	11°57'49	2♎27	0♐29	23°33	16°54	23°24	17°24	18°23	3°45	20°58	15°11	13°38	4°44	n.a.	T 14
F 15	2 52 47	12°59'07	16° 9	1°50	24°44	17°37	23°16	17°31	18°21	3°46	20°59	15° 7	13°34	4°51	n.a.	F 15
S 16	2 56 44	14° 0'26	29°41	3° 8	25°55	18°20	23° 9	17°37	18°19	3°48	21° 0	15° 1	13°31	4°58	n.a.	S 16
S 17	3 0 40	15° 1'45	13♏ 1	4°24	27° 6	19° 3	23° 2	17°44	18°17	3°50	21° 1	14°52	13°28	5° 4	n.a.	S 17
M18	3 4 37	16° 3'05	26° 8	5°36	28°17	19°46	22°55	17°50	18°15	3°52	21° 1	14°40	13°25	5°11	n.a.	M18
T 19	3 8 33	17° 4'25	8♐58	6°44	29°28	20°29	22°48	17°57	18°13	3°54	21° 2	14°29	13°22	5°18	n.a.	T 19
W20	3 12 30	18° 5'44	21°32	7°47	0♑39	21°13	22°41	18° 3	18°10	3°55	21° 3	14°17	13°19	5°24	n.a.	W20
T 21	3 16 27	19° 7'04	3♑51	8°45	1°50	21°56	22°35	18° 9	18° 8	3°57	21° 4	14° 7	13°15	5°31	n.a.	T 21
F 22	3 20 23	20° 8'23	15°56	9°37	3° 0	22°39	22°28	18°16	18° 6	3°59	21° 5	13°59	13°12	5°38	n.a.	F 22
S 23	3 24 20	21° 9'42	27°52	10°21	4°11	23°23	22°22	18°22	18° 4	4° 1	21° 6	13°53	13° 9	5°44	n.a.	S 23
S 24	3 28 16	22°11'01	9♒41	10°58	5°21	24° 6	22°16	18°28	18° 2	4° 2	21° 7	13°50	13° 6	5°51	n.a.	S 24
M25	3 32 13	23°12'19	21°30	11°26	6°31	24°49	22°10	18°34	18° 0	4° 4	21° 8	13°D50	13° 3	5°58	n.a.	M25
T 26	3 36 9	24°13'37	3♓23	11°45	7°41	25°33	22° 4	18°41	17°58	4° 5	21° 9	13°50	13° 0	6° 4	n.a.	T 26
W27	3 40 6	25°14'54	15°26	11°R52	8°51	26°16	21°58	18°47	17°57	4° 7	21°10	13°R50	12°56	6°11	n.a.	W27
T 28	3 44 3	26°16'11	27°45	11°49	10° 1	27° 0	21°53	18°53	17°55	4° 9	21°11	13°49	12°53	6°18	n.a.	T 28
F 29	3 47 59	27°17'27	10♈24	11°34	11°11	27°43	21°47	18°59	17°53	4°10	21°12	13°46	12°50	6°24	n.a.	F 29
S 30	3 51 56	28♏18'43	23♈26	11♐ 7	12♑20	28♎27	21♈42	19♎ 5	17♈51	4♎12	21♑13	13♍41	12♍47	6♒31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s11	0s18	1s29	17s16	1s57	24s 5	2s 7	2s31	0n37	8n43	1s15	4s18	2n15	7n 3	0s31	0n29	2n 0	34s15	12s14	5n36	6n16	16s27		n.a.
S 2	11 33	3n52	2 33	17 49	2 0	24 18	2 8	2 49	0 36	8 40	1 15	4 21	2 15	7 2	0 31	0 28	2 0	34 14	12 13	5 38	6 17	16 26		n.a.
S 3	11 55	7 56	3 30	18 20	2 4	24 30	2 9	3 6	0 36	8 37	1 14	4 24	2 15	7 1	0 31	0 27	2 0	34 14	12 13	5 40	6 19	16 25		n.a.
M 4	12 17	11 42	4 17	18 51	2 6	24 42	2 10	3 24	0 35	8 34	1 14	4 26	2 15	7 0	0 31	0 27	2 0	34 14	12 13	5 43	6 20	16 24		n.a.
T 5	12 38	14 53	4 50	19 20	2 9	24 53	2 11	3 41	0 35	8 31	1 14	4 29	2 15	6 59	0 31	0 26	2 0	34 13	12 13	5 46	6 21	16 23		n.a.
W 6	12 59	17 16	5 6	19 48	2 11	25 3	2 13	3 58	0 34	8 28	1 14	4 31	2 15	6 58	0 31	0 25	2 0	34 13	12 12	5 49	6 22	16 23		n.a.
T 7	13 20	18 38	5 4	20 15	2 13	25 12	2 13	4 16	0 34	8 26	1 14	4 34	2 15	6 57	0 31	0 24	2 0	34 13	12 12	5 52	6 24	16 22		n.a.
F 8	13 41	18 52	4 43	20 41	2 14	25 21	2 14	4 33	0 33	8 23	1 14	4 37	2 15	6 56	0 31	0 24	2 0	34 12	12 12	5 54	6 25	16 21		n.a.
S 9	14 2	17 54	4 5	21 5	2 15	25 29	2 15	4 51	0 32	8 20	1 13	4 39	2 15	6 55	0 31	0 23	2 0	34 12	12 12	5 55	6 26	16 20		n.a.
S 10	14 22	15 50	3 12	21 28	2 15	25 36	2 16	5 8	0 32	8 17	1 13	4 42	2 15	6 54	0 31	0 22	2 0	34 12	12 11	5 56	6 27	16 19		n.a.
M11	14 42	12 49	2 8	21 49	2 15	25 43	2 16	5 25	0 31	8 15	1 13	4 44	2 15	6 54	0 31	0 21	2 0	34 11	12 11	5 56	6 29	16 18		n.a.
T 12	15 2	9 4	0 56	22 9	2 14	25 48	2 17	5 43	0 31	8 12	1 13	4 47	2 15	6 53	0 31	0 21	2 0	34 11	12 11	5 55	6 30	16 17		n.a.
W13	15 21	4 51	0n18	22 26	2 13	25 53	2 17	6 0	0 30	8 9	1 13	4 49	2 15	6 52	0 31	0 20	2 0	34 11	12 11	5 55	6 31	16 16		n.a.
T 14	15 40	0 24	1 31	22 42	2 10	25 57	2 17	6 17	0 30	8 7	1 12	4 52	2 15	6 51	0 31	0 19	2 0	34 10	12 10	5 56	6 32	16 15		n.a.
F 15	15 59	4s 2	2 38	22 57	2 7	26 1	2 18	6 35	0 29	8 4	1 12	4 54	2 15	6 50	0 31	0 18	2 0	34 10	12 10	5 57	6 34	16 14		n.a.
S 16	16 18	8 12	3 34	23 9	2 3	26 4	2 18	6 52	0 29	8 2	1 12	4 57	2 15	6 49	0 31	0 18	2 0	34 10	12 10	6 0	6 35	16 13		n.a.
S 17	16 37	11 54	4 18	23 19	1 59	26 5	2 18	7 9	0 28	7 59	1 12	4 59	2 15	6 48	0 31	0 17	2 0	34 9	12 10	6 3	6 36	16 12		n.a.
M18	16 55	14 56	4 48	23 26	1 53	26 7	2 17	7 26	0 27	7 57	1 11	5 2	2 15	6 48	0 31	0 16	2 0	34 9	12 9	6 8	6 37	16 11		n.a.
T 19	17 12	17 11	5 2	23 32	1 46	26 7	2 17	7 43	0 27	7 55	1 11	5 4	2 15	6 47	0 31	0 16	2 0	34 8	12 9	6 13	6 39	16 10		n.a.
W20	17 30	18 33	5 1	23 35	1 39	26 7	2 17	8 0	0 26	7 52	1 11	5 7	2 16	6 46	0 31	0 15	2 0	34 8	12 9	6 17	6 40	16 10		n.a.
T 21	17 47	19 1	4 46	23 36	1 30	26 5	2 16	8 17	0 26	7 50	1 11	5 9	2 16	6 45	0 31	0 14	2 0	34 8	12 9	6 21	6 41	16 9		n.a.
F 22	18 4	18 36	4 18	23 34	1 20	26 4	2 16	8 34	0 25	7 48	1 11	5 11	2 16	6 44	0 31	0 14	2 0	34 7	12 8	6 24	6 42	16 8		n.a.
S 23	18 21	17 21	3 39	23 29	1 8	26 1	2 15	8 51	0 24	7 46	1 10	5 14	2 16	6 44	0 31	0 13	2 0	34 7	12 8	6 26	6 44	16 7		n.a.
S 24	18 37	15 22	2 51	23 22	0 56	25 58	2 14	9 8	0 24	7 43	1 10	5 16	2 16	6 43	0 31	0 12	2 0	34 7	12 8	6 27	6 45	16 6		n.a.
M25	18 53	12 44	1 56	23 12	0 42	25 53	2 13	9 24	0 23	7 41	1 10	5 18	2 16	6 42	0 31	0 12	2 1	34 6	12 8	6 28	6 46	16 5		n.a.
T 26	19 8	9 34	0 55	23 0	0 26	25 48	2 12	9 41	0 23	7 39	1 10	5 20	2 16	6 41	0 31	0 11	2 1	34 6	12 8	6 28	6 47	16 4		n.a.
W27	19 23	5 58	0s 9	22 45	0 10	25 43	2 11	9 58	0 22	7 38	1 9	5 23	2 16	6 41	0 31	0 11	2 1	34 5	12 7	6 28	6 48	16 3		n.a.
T 28	19 38	2 2	1 13	22 27	0n 8	25 36	2 10	10 14	0 21	7 36	1 9	5 25	2 16	6 40	0 31	0 10	2 1	34 5	12 7	6 28	6 50	16 2		n.a.
F 29	19 52	2n 6	2 16	22 6	0 26	25 29	2 9	10 31	0 21	7 34	1 9	5 27	2 16	6 39	0 31	0 9	2 1	34 5	12 7	6 29	6 51	16 1		n.a.
S 30	20s 7	6n15	3s14	21s44	0n45	25s22	2s 7	10s47	0n20	7n32	1s 8	5s29	2n16	6n39	0s31	0n 9	2n 1	34s 4	12s 7	6n31	6n52	16s 0		n.a.

Julian Day Number = 1295115.5, Delta T = 07h55m34s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'09, Lahiri = -20°04'09 Julian Calendar 1 Nov. 1168 BCE == Greg. Calendar 21 Oct. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1168 BCE
geocentric

DECEMBER 1168 BCE (-1167) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 52	29♏19'58	6♉53	10°R28	13♑30	29♎10	21°R37	19♎11	17°R49	4♎13	21♑14	13°R32	12♍44	6♒38	n.a.	S 1
M 2	3 59 49	0♐21'12	20°44	9♐38	14°39	29°54	21♈32	19°17	17♈48	4°15	21°15	13♍22	12°40	6°44	n.a.	M 2
T 3	4 3 45	1°22'26	4♊56	8°39	15°48	0♏38	21°27	19°22	17°46	4°16	21°16	13° 9	12°37	6°51	n.a.	T 3
W 4	4 7 42	2°23'40	19°24	7°31	16°57	1°21	21°23	19°28	17°44	4°17	21°18	12°57	12°34	6°58	n.a.	W 4
T 5	4 11 38	3°24'53	3♋59	6°17	18° 6	2° 5	21°18	19°34	17°43	4°19	21°19	12°46	12°31	7° 4	n.a.	T 5
F 6	4 15 35	4°26'06	18°36	4°59	19°14	2°49	21°14	19°40	17°41	4°20	21°20	12°38	12°28	7°11	n.a.	F 6
S 7	4 19 32	5°27'19	3♌ 7	3°40	20°22	3°33	21°10	19°45	17°40	4°21	21°21	12°32	12°25	7°18	n.a.	S 7
S 8	4 23 28	6°28'31	17°27	2°22	21°31	4°17	21° 6	19°51	17°38	4°23	21°22	12°29	12°21	7°24	n.a.	S 8
M 9	4 27 25	7°29'42	1♍36	1° 8	22°39	5° 1	21° 3	19°56	17°37	4°24	21°24	12°28	12°18	7°31	n.a.	M 9
T 10	4 31 21	8°30'54	15°30	29♏59	23°46	5°45	20°59	20° 2	17°36	4°25	21°25	12°28	12°15	7°38	n.a.	T 10
W11	4 35 18	9°32'04	29°12	28°57	24°54	6°29	20°56	20° 7	17°34	4°26	21°26	12°27	12°12	7°44	n.a.	W11
T 12	4 39 14	10°33'14	12♎42	28° 3	26° 1	7°13	20°53	20°12	17°33	4°28	21°28	12°25	12° 9	7°51	n.a.	T 12
F 13	4 43 11	11°34'24	26° 1	27°18	27° 9	7°57	20°50	20°18	17°32	4°29	21°29	12°20	12° 6	7°58	n.a.	F 13
S 14	4 47 7	12°35'33	9♏ 9	26°42	28°16	8°41	20°48	20°23	17°31	4°30	21°30	12°11	12° 2	8° 4	n.a.	S 14
S 15	4 51 4	13°36'41	22° 6	26°15	29°22	9°25	20°45	20°28	17°30	4°31	21°32	12° 0	11°59	8°11	n.a.	S 15
M16	4 55 1	14°37'48	4♐52	25°58	0♒29	10° 9	20°43	20°33	17°29	4°32	21°33	11°47	11°56	8°18	n.a.	M16
T 17	4 58 57	15°38'55	17°26	25°49	1°35	10°53	20°41	20°38	17°28	4°33	21°34	11°32	11°53	8°24	n.a.	T 17
W18	5 2 54	16°40'00	29°48	25°D49	2°41	11°37	20°39	20°43	17°27	4°34	21°36	11°18	11°50	8°31	n.a.	W18
T 19	5 6 50	17°41'05	12♑ 0	25°56	3°47	12°22	20°38	20°48	17°26	4°35	21°37	11° 5	11°46	8°38	n.a.	T 19
F 20	5 10 47	18°42'08	24° 0	26°11	4°53	13° 6	20°36	20°52	17°25	4°36	21°39	10°54	11°43	8°44	n.a.	F 20
S 21	5 14 43	19°43'09	5♒53	26°32	5°58	13°50	20°35	20°57	17°24	4°37	21°40	10°47	11°40	8°51	n.a.	S 21
S 22	5 18 40	20°44'10	17°41	27° 0	7° 3	14°35	20°34	21° 2	17°23	4°38	21°42	10°42	11°37	8°58	n.a.	S 22
M23	5 22 37	21°45'09	29°28	27°32	8° 7	15°19	20°33	21° 6	17°23	4°39	21°43	10°40	11°34	9° 4	n.a.	M23
T 24	5 26 33	22°46'06	11♓19	28°10	9°12	16° 3	20°32	21°11	17°22	4°39	21°45	10°D40	11°31	9°11	n.a.	T 24
W25	5 30 30	23°47'02	23°19	28°53	10°16	16°48	20°32	21°15	17°21	4°40	21°46	10°R40	11°27	9°18	n.a.	W25
T 26	5 34 26	24°47'56	5♈35	29°39	11°20	17°32	20°D32	21°20	17°21	4°41	21°48	10°39	11°24	9°24	n.a.	T 26
F 27	5 38 23	25°48'49	18°11	0♐29	12°23	18°17	20°32	21°24	17°20	4°42	21°49	10°37	11°21	9°31	n.a.	F 27
S 28	5 42 19	26°49'39	1♉12	1°23	13°26	19° 1	20°32	21°28	17°20	4°42	21°51	10°33	11°18	9°38	n.a.	S 28
S 29	5 46 16	27°50'29	14°41	2°20	14°29	19°46	20°33	21°32	17°19	4°43	21°52	10°26	11°15	9°44	n.a.	S 29
M30	5 50 12	28°51'17	28°39	3°20	15°31	20°30	20°33	21°36	17°19	4°43	21°54	10°16	11°12	9°51	n.a.	M30
T 31	5 54 9	29♐52'03	13♊ 3	4♐23	16♒33	21♏15	20♈34	21♎40	17♈19	4♎44	21♑55	10♍ 6	11♍ 8	9♒58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s20	10n14	4s 2	21s19	1n 5	25s13	2s 6	11s 3	0n19	7n31	1s 8	5s32	2n17	6n38	0s31	0n 8	2n 1	34s 4	12s 7	6n34	6n53	15s59			n.a.
M 2	20 33	13 46	4 38	20 52	1 25	25 4	2 4	11 20	0 19	7 29	1 8	5 34	2 17	6 37	0 31	0 8	2 1	34 3	12 6	6 39	6 55	15 58			n.a.
T 3	20 46	16 35	4 58	20 23	1 44	24 54	2 2	11 36	0 18	7 27	1 8	5 36	2 17	6 37	0 30	0 7	2 1	34 3	12 6	6 43	6 56	15 57			n.a.
W 4	20 59	18 26	4 59	19 54	2 3	24 43	2 0	11 52	0 17	7 26	1 7	5 38	2 17	6 36	0 30	0 7	2 1	34 3	12 6	6 48	6 57	15 56			n.a.
T 5	21 11	19 6	4 41	19 24	2 21	24 32	1 58	12 8	0 17	7 25	1 7	5 40	2 17	6 36	0 30	0 6	2 1	34 2	12 6	6 52	6 58	15 55			n.a.
F 6	21 23	18 29	4 4	18 55	2 37	24 20	1 56	12 24	0 16	7 23	1 7	5 42	2 17	6 35	0 30	0 6	2 1	34 2	12 6	6 56	7 0	15 54			n.a.
S 7	21 34	16 40	3 12	18 26	2 51	24 8	1 53	12 40	0 15	7 22	1 6	5 44	2 17	6 35	0 30	0 5	2 1	34 2	12 5	6 58	7 1	15 53			n.a.
S 8	21 45	13 49	2 8	18 0	3 2	23 54	1 51	12 55	0 15	7 21	1 6	5 46	2 17	6 34	0 30	0 5	2 1	34 1	12 5	6 59	7 2	15 52			n.a.
M 9	21 55	10 12	0 57	17 36	3 12	23 41	1 48	13 11	0 14	7 20	1 6	5 48	2 18	6 34	0 30	0 4	2 1	34 1	12 5	6 59	7 3	15 51			n.a.
T 10	22 5	6 3	0n16	17 15	3 19	23 26	1 46	13 26	0 13	7 19	1 6	5 50	2 18	6 33	0 30	0 4	2 1	34 0	12 5	6 59	7 5	15 50			n.a.
W11	22 15	1 39	1 27	16 57	3 23	23 11	1 43	13 42	0 13	7 18	1 5	5 52	2 18	6 33	0 30	0 4	2 1	34 0	12 5	7 0	7 6	15 49			n.a.
T 12	22 24	2s46	2 32	16 43	3 26	22 55	1 40	13 57	0 12	7 17	1 5	5 54	2 18	6 32	0 30	0 3	2 1	34 0	12 5	7 1	7 7	15 48			n.a.
F 13	22 32	6 59	3 28	16 32	3 26	22 39	1 37	14 12	0 11	7 16	1 5	5 56	2 18	6 32	0 30	0 3	2 2	33 59	12 4	7 3	7 8	15 47			n.a.
S 14	22 41	10 48	4 12	16 26	3 24	22 22	1 34	14 27	0 11	7 15	1 4	5 57	2 18	6 31	0 30	0 2	2 2	33 59	12 4	7 6	7 9	15 46			n.a.
S 15	22 48	14 3	4 42	16 22	3 21	22 5	1 30	14 42	0 10	7 15	1 4	5 59	2 18	6 31	0 30	0 2	2 2	33 58	12 4	7 10	7 11	15 45			n.a.
M16	22 56	16 35	4 58	16 23	3 17	21 47	1 27	14 57	0 9	7 14	1 4	6 1	2 19	6 30	0 30	0 2	2 2	33 58	12 4	7 15	7 12	15 44			n.a.
T 17	23 3	18 17	4 58	16 26	3 11	21 29	1 23	15 12	0 9	7 14	1 3	6 3	2 19	6 30	0 30	0 1	2 2	33 58	12 4	7 21	7 13	15 43			n.a.
W18	23 9	19 5	4 45	16 33	3 4	21 10	1 19	15 27	0 8	7 13	1 3	6 5	2 19	6 30	0 30	0 1	2 2	33 57	12 4	7 27	7 14	15 42			n.a.
T 19	23 15	19 0	4 18	16 42	2 57	20 51	1 16	15 41	0 7	7 13	1 3	6 6	2 19	6 29	0 30	0 1	2 2	33 57	12 4	7 32	7 16	15 41			n.a.
F 20	23 20	18 3	3 40	16 53	2 49	20 31	1 12	15 56	0 6	7 13	1 3	6 8	2 19	6 29	0 30	0 0	2 2	33 57	12 4	7 36	7 17	15 40			n.a.
S 21	23 25	16 19	2 53	17 6	2 40	20 11	1 7	16 10	0 6	7 12	1 2	6 10	2 19	6 29	0 30	0s 0	2 2	33 56	12 3	7 39	7 18	15 39			n.a.
S 22	23 30	13 54	1 59	17 21	2 31	19 50	1 3	16 24	0 5	7 12	1 2	6 11	2 20	6 29	0 30	0 0	2 2	33 56	12 3	7 40	7 19	15 38			n.a.
M23	23 34	10 56	0 59	17 38	2 22	19 29	0 59	16 38	0 4	7 12	1 2	6 13	2 20	6 28	0 30	0 1	2 2	33 55	12 3	7 41	7 20	15 37			n.a.
T 24	23 38	7 29	0s 3	17 56	2 12	19 7	0 54	16 52	0 3	7 12	1 1	6 14	2 20	6 28	0 30	0 1	2 2	33 55	12 3	7 41	7 22	15 36			n.a.
W25	23 41	3 43	1 7	18 15	2 2	18 45	0 50	17 5	0 3	7 12	1 1	6 16	2 20	6 28	0 30	0 1	2 2	33 55	12 3	7 41	7 23	15 35			n.a.
T 26	23 44	0n18	2 8	18 34	1 53	18 23	0 45	17 19	0 2	7 13	1 1	6 17	2 20	6 28	0 30	0 1	2 2	33 54	12 3	7 41	7 24	15 34			n.a.
F 27	23 46	4 24	3 5	18 55	1 43	18 0	0 40	17 32	0 1	7 13	1 0	6 19	2 20	6 27	0 30	0 2	2 3	33 54	12 3	7 42	7 25	15 33			n.a.
S 28	23 48	8 25	3 55	19 16	1 33	17 37	0 35	17 45	0 0	7 13	1 0	6 20	2 21	6 27	0 30	0 2	2 3	33 54	12 3	7 44	7 27	15 31			n.a.
S 29	23 49	12 10	4 33	19 37	1 23	17 14	0 30	17 58	0s 0	7 14	1 0	6 22	2 21	6 27	0 30	0 2	2 3	33 53	12 3	7 47	7 28	15 30			n.a.
M30	23 50	15 22	4 56	19 58	1 13	16 50	0 25	18 11	0 1	7 14	0 59	6 23	2 21	6 27	0 30	0 2	2 3	33 53	12 3	7 50	7 29	15 29			n.a.
T 31	23s50	17n45	5s 2	20s19	1n 4	16s26	0s19	18s24	0s 2	7n15	0s59	6s24	2n21	6n27	0s30	0s 2	2n 3	33s53	12s 2	7n54	7n30	15s28			n.a.

Julian Day Number = 1295145.5, Delta T = 07h55m32s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'05, Lahiri = -20°04'05 Julian Calendar 1 Dec. 1168 BCE == Greg. Calendar 20 Nov. 1168 BCE

The year -1167 astronomical counting style corresponds to year 1168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

JANUARY 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 58 6	0♉52'47	27♊49	5♐28	17♒35	22♏ 0	20♈35	21♎44	17°R18	4♎45	21♉57	9°R54	11♍ 5	10♒ 4	n.a.	W 1
T 2	6 2 2	1°53'30	12♋47	6°35	18°36	22°44	20°36	21°48	17♈18	4°45	21°58	9♍44	11° 2	10°11	n.a.	T 2
F 3	6 5 59	2°54'12	27°49	7°44	19°36	23°29	20°38	21°51	17°18	4°45	22° 0	9°36	10°59	10°18	n.a.	F 3
S 4	6 9 55	3°54'52	12♌45	8°55	20°37	24°14	20°39	21°55	17°18	4°46	22° 2	9°31	10°56	10°24	n.a.	S 4
S 5	6 13 52	4°55'31	27°28	10° 8	21°36	24°59	20°41	21°59	17°D18	4°46	22° 3	9°28	10°52	10°31	n.a.	S 5
M 6	6 17 48	5°56'08	11♍52	11°23	22°36	25°43	20°43	22° 2	17°18	4°47	22° 5	9°D28	10°49	10°38	n.a.	M 6
T 7	6 21 45	6°56'44	25°56	12°40	23°35	26°28	20°45	22° 5	17°18	4°47	22° 6	9°28	10°46	10°44	n.a.	T 7
W 8	6 25 41	7°57'18	9♎39	13°57	24°33	27°13	20°48	22° 9	17°18	4°47	22° 8	9°R29	10°43	10°51	n.a.	W 8
T 9	6 29 38	8°57'51	23° 3	15°17	25°31	27°58	20°50	22°12	17°18	4°48	22°10	9°28	10°40	10°58	n.a.	T 9
F 10	6 33 35	9°58'23	6♏10	16°37	26°28	28°43	20°53	22°15	17°18	4°48	22°11	9°25	10°37	11° 4	n.a.	F 10
S 11	6 37 31	10°58'53	19° 1	17°59	27°25	29°28	20°56	22°18	17°19	4°48	22°13	9°19	10°33	11°11	n.a.	S 11
S 12	6 41 28	11°59'22	1♐40	19°22	28°21	0♐13	20°59	22°21	17°19	4°48	22°15	9°11	10°30	11°18	n.a.	S 12
M13	6 45 24	12°59'49	14° 8	20°47	29°17	0°58	21° 3	22°24	17°19	4°48	22°16	9° 1	10°27	11°24	n.a.	M13
T 14	6 49 21	14° 0'14	26°26	22°12	0♓12	1°43	21° 6	22°26	17°20	4°48	22°18	8°50	10°24	11°31	n.a.	T 14
W15	6 53 17	15° 0'38	8♉35	23°39	1° 6	2°28	21°10	22°29	17°20	4°48	22°19	8°39	10°21	11°38	n.a.	W15
T 16	6 57 14	16° 0'59	20°36	25° 6	2° 0	3°13	21°14	22°32	17°21	4°R48	22°21	8°29	10°18	11°44	n.a.	T 16
F 17	7 1 10	17° 1'19	2♒30	26°35	2°53	3°58	21°18	22°34	17°21	4°48	22°23	8°22	10°14	11°51	n.a.	F 17
S 18	7 5 7	18° 1'37	14°19	28° 5	3°45	4°43	21°22	22°36	17°22	4°48	22°24	8°16	10°11	11°58	n.a.	S 18
S 19	7 9 4	19° 1'52	26° 6	29°36	4°37	5°28	21°27	22°39	17°23	4°48	22°26	8°13	10° 8	12° 4	n.a.	S 19
M20	7 13 0	20° 2'06	7♓53	1♉ 8	5°28	6°13	21°31	22°41	17°24	4°48	22°28	8°D12	10° 5	12°11	n.a.	M20
T 21	7 16 57	21° 2'17	19°45	2°41	6°18	6°58	21°36	22°43	17°24	4°48	22°29	8°13	10° 2	12°18	n.a.	T 21
W22	7 20 53	22° 2'26	1♈45	4°16	7° 7	7°44	21°41	22°45	17°25	4°48	22°31	8°14	9°58	12°24	n.a.	W22
T 23	7 24 50	23° 2'33	13°59	5°51	7°55	8°29	21°46	22°47	17°26	4°48	22°33	8°15	9°55	12°31	n.a.	T 23
F 24	7 28 46	24° 2'38	26°31	7°27	8°43	9°14	21°52	22°49	17°27	4°47	22°34	8°R16	9°52	12°38	n.a.	F 24
S 25	7 32 43	25° 2'40	9♉27	9° 4	9°29	9°59	21°57	22°50	17°28	4°47	22°36	8°15	9°49	12°44	n.a.	S 25
S 26	7 36 39	26° 2'40	22°49	10°43	10°15	10°44	22° 3	22°52	17°29	4°47	22°38	8°12	9°46	12°51	n.a.	S 26
M27	7 40 36	27° 2'38	6♊41	12°22	10°59	11°30	22° 9	22°53	17°30	4°46	22°39	8° 7	9°43	12°58	n.a.	M27
T 28	7 44 33	28° 2'33	21° 2	14° 3	11°43	12°15	22°15	22°55	17°31	4°46	22°41	8° 1	9°39	13° 4	n.a.	T 28
W29	7 48 29	29° 2'27	5♋48	15°45	12°25	13° 0	22°21	22°56	17°33	4°46	22°43	7°55	9°36	13°11	n.a.	W29
T 30	7 52 26	0♒ 2'18	20°52	17°27	13° 7	13°46	22°27	22°57	17°34	4°45	22°44	7°49	9°33	13°18	n.a.	T 30
F 31	7 56 22	1♒ 2'06	6♌ 6	19♉11	13♓47	14♐31	22♈34	22♎58	17♈35	4♎45	22♉46	7♍45	9♍30	13♒24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s50	19n 1	4s48	20s40	0n54	16s 2	0s14	18s36	0s 3	7n16	0s59	6s25	2n21	6n27	0s30	0s 2	2n 3	33s52	12s 2	7n59	7n32	15s27		n.a.
T 2	23 49	18 59	4 14	21 2	0 45	15 37	0 8	18 49	0 4	7 16	0 59	6 27	2 21	6 27	0 30	0 3	2 3	33 52	12 2	8 3	7 33	15 26		n.a.
F 3	23 48	17 38	3 23	21 22	0 36	15 13	0 2	19 1	0 4	7 17	0 58	6 28	2 22	6 27	0 30	0 3	2 3	33 52	12 2	8 6	7 34	15 25		n.a.
S 4	23 46	15 4	2 17	21 43	0 27	14 48	0n 4	19 13	0 5	7 18	0 58	6 29	2 22	6 27	0 29	0 3	2 3	33 51	12 2	8 8	7 35	15 24		n.a.
S 5	23 44	11 33	1 4	22 3	0 18	14 23	0 10	19 25	0 6	7 19	0 58	6 30	2 22	6 27	0 29	0 3	2 3	33 51	12 2	8 9	7 36	15 23		n.a.
M 6	23 42	7 25	0n13	22 22	0 9	13 57	0 16	19 37	0 7	7 20	0 57	6 31	2 22	6 27	0 29	0 3	2 3	33 51	12 2	8 9	7 38	15 22		n.a.
T 7	23 39	2 58	1 27	22 41	0 0	13 32	0 22	19 48	0 7	7 21	0 57	6 32	2 22	6 27	0 29	0 3	2 3	33 50	12 2	8 9	7 39	15 21		n.a.
W 8	23 35	1s32	2 34	22 59	0s 8	13 6	0 29	20 0	0 8	7 22	0 57	6 34	2 23	6 27	0 29	0 3	2 3	33 50	12 2	8 9	7 40	15 20		n.a.
T 9	23 31	5 50	3 31	23 16	0 16	12 40	0 35	20 11	0 9	7 24	0 56	6 35	2 23	6 27	0 29	0 3	2 3	33 50	12 2	8 9	7 41	15 19		n.a.
F 10	23 27	9 47	4 16	23 33	0 24	12 14	0 42	20 22	0 10	7 25	0 56	6 36	2 23	6 27	0 29	0 3	2 3	33 49	12 2	8 10	7 43	15 17		n.a.
S 11	23 22	13 10	4 46	23 48	0 32	11 48	0 49	20 32	0 11	7 26	0 56	6 36	2 23	6 27	0 29	0 3	2 4	33 49	12 2	8 12	7 44	15 16		n.a.
S 12	23 17	15 54	5 2	24 3	0 39	11 22	0 56	20 43	0 12	7 28	0 56	6 37	2 23	6 28	0 29	0 3	2 4	33 49	12 2	8 15	7 45	15 15		n.a.
M13	23 11	17 51	5 4	24 16	0 46	10 56	1 3	20 53	0 12	7 29	0 55	6 38	2 24	6 28	0 29	0 3	2 4	33 48	12 2	8 19	7 46	15 14		n.a.
T 14	23 5	18 56	4 51	24 29	0 53	10 30	1 10	21 3	0 13	7 31	0 55	6 39	2 24	6 28	0 29	0 3	2 4	33 48	12 2	8 23	7 47	15 13		n.a.
W15	22 58	19 8	4 25	24 40	1 0	10 4	1 17	21 13	0 14	7 33	0 55	6 40	2 24	6 28	0 29	0 3	2 4	33 48	12 2	8 27	7 49	15 12		n.a.
T 16	22 51	18 29	3 47	24 50	1 6	9 37	1 25	21 23	0 15	7 34	0 54	6 41	2 24	6 28	0 29	0 3	2 4	33 47	12 2	8 31	7 50	15 11		n.a.
F 17	22 44	17 0	3 0	24 59	1 12	9 11	1 32	21 33	0 16	7 36	0 54	6 41	2 24	6 29	0 29	0 3	2 4	33 47	12 2	8 34	7 51	15 10		n.a.
S 18	22 36	14 48	2 5	25 7	1 18	8 45	1 40	21 42	0 17	7 38	0 54	6 42	2 25	6 29	0 29	0 3	2 4	33 47	12 2	8 36	7 52	15 9		n.a.
S 19	22 27	12 0	1 5	25 13	1 23	8 19	1 48	21 51	0 17	7 40	0 54	6 43	2 25	6 29	0 29	0 3	2 4	33 47	12 2	8 37	7 54	15 8		n.a.
M20	22 18	8 43	0 2	25 18	1 29	7 52	1 55	22 0	0 18	7 42	0 53	6 43	2 25	6 30	0 29	0 3	2 4	33 46	12 2	8 38	7 55	15 6		n.a.
T 21	22 9	5 4	1s 2	25 22	1 34	7 26	2 3	22 9	0 19	7 44	0 53	6 44	2 25	6 30	0 29	0 3	2 4	33 46	12 2	8 38	7 56	15 5		n.a.
W22	22 0	1 11	2 4	25 24	1 38	7 1	2 12	22 17	0 20	7 46	0 53	6 45	2 25	6 30	0 29	0 2	2 4	33 46	12 2	8 37	7 57	15 4		n.a.
T 23	21 50	2n49	3 2	25 24	1 42	6 35	2 20	22 25	0 21	7 49	0 52	6 45	2 26	6 31	0 29	0 2	2 4	33 46	12 2	8 37	7 58	15 3		n.a.
F 24	21 39	6 48	3 52	25 23	1 46	6 9	2 28	22 33	0 22	7 51	0 52	6 45	2 26	6 31	0 29	0 2	2 4	33 45	12 2	8 36	8 0	15 2		n.a.
S 25	21 28	10 34	4 32	25 20	1 50	5 44	2 36	22 41	0 23	7 53	0 52	6 46	2 26	6 31	0 29	0 2	2 5	33 45	12 2	8 37	8 1	15 1		n.a.
S 26	21 17	13 57	4 59	25 16	1 53	5 18	2 45	22 48	0 23	7 56	0 52	6 46	2 26	6 32	0 29	0 2	2 5	33 45	12 2	8 38	8 2	15 0		n.a.
M27	21 6	16 41	5 10	25 10	1 56	4 53	2 54	22 56	0 24	7 58	0 51	6 47	2 27	6 32	0 29	0 2	2 5	33 45	12 2	8 40	8 3	14 59		n.a.
T 28	20 54	18 29	5 3	25 2	1 58	4 29	3 2	23 3	0 25	8 1	0 51	6 47	2 27	6 33	0 29	0 1	2 5	33 44	12 2	8 42	8 4	14 57		n.a.
W29	20 41	19 8	4 35	24 52	2 0	4 4	3 11	23 10	0 26	8 3	0 51	6 47	2 27	6 33	0 29	0 1	2 5	33 44	12 2	8 44	8 6	14 56		n.a.
T 30	20 28	18 26	3 48	24 41	2 2	3 40	3 20	23 16	0 27	8 6	0 51	6 48	2 27	6 34	0 29	0 1	2 5	33 44	12 3	8 46	8 7	14 55		n.a.
F 31	20s15	16n25	2s44	24s27	2s 3	3s16	3n29	23s23	0s28	8n 9	0s50	6s48	2n27	6n34	0s29	0s 1	2n 5	33s44	12s 3	8n48	8n 8	14s54		n.a.

Julian Day Number = 1295176.5, Delta T = 07h55m31s
Ecliptic obliquity = 23°49'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°11'01, Lahiri = -20°04'01 Julian Calendar 1 Jan. 1167 BCE == Greg. Calendar 21 Dec. 1168 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

FEBRUARY 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 19	2♒ 1'53	21♌19	20♉57	14♓26	15♐16	22♈40	22♎59	17♈37	4°R44	22♉48	7°R42	9♍27	13♒31	n.a.	S 1
S 2	8 4 15	3° 1'38	6♍21	22°43	15° 3	16° 2	22°47	23° 0	17°38	4♎44	22°49	7°D41	9°24	13°38	n.a.	S 2
M 3	8 8 12	4° 1'20	21° 5	24°30	15°40	16°47	22°54	23° 1	17°39	4°43	22°51	7♍42	9°20	13°44	n.a.	M 3
T 4	8 12 8	5° 1'01	5♎25	26°19	16°15	17°32	23° 1	23° 2	17°41	4°43	22°53	7°43	9°17	13°51	n.a.	T 4
W 5	8 16 5	6° 0'40	19°20	28° 9	16°48	18°18	23° 8	23° 2	17°42	4°42	22°54	7°45	9°14	13°58	n.a.	W 5
T 6	8 20 2	7° 0'16	2♏50	29°59	17°20	19° 3	23°16	23° 3	17°44	4°41	22°56	7°R46	9°11	14° 4	n.a.	T 6
F 7	8 23 58	7°59'52	15°57	1♒52	17°51	19°49	23°23	23° 3	17°46	4°41	22°57	7°45	9° 8	14°11	n.a.	F 7
S 8	8 27 55	8°59'25	28°44	3°45	18°20	20°34	23°31	23° 4	17°47	4°40	22°59	7°44	9° 4	14°18	n.a.	S 8
S 9	8 31 51	9°58'56	11♐14	5°40	18°47	21°20	23°39	23° 4	17°49	4°39	23° 1	7°41	9° 1	14°24	n.a.	S 9
M10	8 35 48	10°58'26	23°31	7°36	19°13	22° 5	23°47	23° 4	17°51	4°38	23° 2	7°37	8°58	14°31	n.a.	M10
T 11	8 39 44	11°57'53	5♑37	9°33	19°37	22°51	23°55	23°R 4	17°53	4°38	23° 4	7°33	8°55	14°38	n.a.	T 11
W12	8 43 41	12°57'19	17°35	11°30	19°59	23°36	24° 3	23° 4	17°55	4°37	23° 6	7°28	8°52	14°44	n.a.	W12
T 13	8 47 37	13°56'42	29°28	13°29	20°20	24°22	24°11	23° 4	17°56	4°36	23° 7	7°24	8°49	14°51	n.a.	T 13
F 14	8 51 34	14°56'03	11♒17	15°29	20°38	25° 7	24°20	23° 4	17°58	4°35	23° 9	7°21	8°45	14°58	n.a.	F 14
S 15	8 55 30	15°55'22	23° 4	17°30	20°55	25°53	24°28	23° 3	18° 0	4°34	23°10	7°19	8°42	15° 4	n.a.	S 15
S 16	8 59 27	16°54'39	4♓53	19°32	21° 9	26°38	24°37	23° 3	18° 2	4°33	23°12	7°D19	8°39	15°11	n.a.	S 16
M17	9 3 24	17°53'53	16°44	21°34	21°21	27°24	24°46	23° 2	18° 4	4°32	23°13	7°19	8°36	15°18	n.a.	M17
T 18	9 7 20	18°53'05	28°41	23°36	21°31	28° 9	24°55	23° 1	18° 7	4°31	23°15	7°20	8°33	15°24	n.a.	T 18
W19	9 11 17	19°52'15	10♈46	25°39	21°39	28°55	25° 4	23° 1	18° 9	4°30	23°16	7°21	8°29	15°31	n.a.	W19
T 20	9 15 13	20°51'22	23° 4	27°41	21°45	29°40	25°13	23° 0	18°11	4°29	23°18	7°23	8°26	15°38	n.a.	T 20
F 21	9 19 10	21°50'27	5♉38	29°43	21°48	0♑26	25°23	22°59	18°13	4°28	23°19	7°24	8°23	15°44	n.a.	F 21
S 22	9 23 6	22°49'30	18°31	1♓45	21°R48	1°11	25°32	22°58	18°15	4°27	23°21	7°R25	8°20	15°51	n.a.	S 22
S 23	9 27 3	23°48'30	1♊47	3°46	21°47	1°57	25°42	22°57	18°18	4°26	23°22	7°24	8°17	15°57	n.a.	S 23
M24	9 30 59	24°47'28	15°29	5°45	21°43	2°42	25°51	22°55	18°20	4°25	23°24	7°24	8°14	16° 4	n.a.	M24
T 25	9 34 56	25°46'23	29°38	7°43	21°36	3°28	26° 1	22°54	18°23	4°24	23°25	7°23	8°10	16°11	n.a.	T 25
W26	9 38 52	26°45'16	14♋11	9°39	21°27	4°13	26°11	22°53	18°25	4°22	23°27	7°21	8° 7	16°17	n.a.	W26
T 27	9 42 49	27°44'06	29° 4	11°32	21°15	4°59	26°21	22°51	18°27	4°21	23°28	7°20	8° 4	16°24	n.a.	T 27
F 28	9 46 46	28♒42'54	14♌12	13♓23	21♓ 1	5♑44	26♈31	22♎49	18♈30	4♎20	23♉30	7♍19	8♍ 1	16♒31	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 2	13n14	1s28	24s12	2s 3	2s53	3n38	23s29	0s29	8n11	0s50	6s48	2n28	6n35	0s29	0s 0	2n 5	33s43	12s 3	8n49	8n 9	14s53		n.a.
S 2	19 48	9 13	0 7	23 55	2 4	2 30	3 47	23 34	0 30	8 14	0 50	6 48	2 28	6 35	0 29	0 0	2 5	33 43	12 3	8 49	8 11	14 52		n.a.
M 3	19 34	4 42	1n13	23 36	2 4	2 7	3 56	23 40	0 30	8 17	0 50	6 48	2 28	6 36	0 29	0n 0	2 5	33 43	12 3	8 49	8 12	14 50		n.a.
T 4	19 19	0 3	2 26	23 15	2 3	1 45	4 6	23 45	0 31	8 20	0 49	6 48	2 28	6 37	0 28	0 1	2 5	33 43	12 3	8 49	8 13	14 49		n.a.
W 5	19 5	4s29	3 28	22 51	2 2	1 23	4 15	23 50	0 32	8 23	0 49	6 48	2 28	6 37	0 28	0 1	2 5	33 43	12 3	8 48	8 14	14 48		n.a.
T 6	18 49	8 38	4 17	22 26	2 0	1 2	4 24	23 55	0 33	8 26	0 49	6 48	2 29	6 38	0 28	0 1	2 5	33 42	12 3	8 48	8 15	14 47		n.a.
F 7	18 34	12 14	4 51	21 59	1 58	0 41	4 34	24 0	0 34	8 29	0 49	6 48	2 29	6 39	0 28	0 1	2 5	33 42	12 3	8 48	8 17	14 46		n.a.
S 8	18 18	15 10	5 10	21 29	1 55	0 21	4 43	24 4	0 35	8 32	0 48	6 48	2 29	6 39	0 28	0 2	2 5	33 42	12 3	8 48	8 18	14 45		n.a.
S 9	18 2	17 20	5 13	20 58	1 52	0 2	4 53	24 8	0 36	8 35	0 48	6 48	2 29	6 40	0 28	0 2	2 6	33 42	12 4	8 50	8 19	14 43		n.a.
M10	17 46	18 39	5 2	20 24	1 48	0n17	5 2	24 12	0 37	8 38	0 48	6 48	2 30	6 41	0 28	0 3	2 6	33 42	12 4	8 51	8 20	14 42		n.a.
T 11	17 29	19 6	4 37	19 49	1 44	0 35	5 12	24 16	0 38	8 41	0 48	6 48	2 30	6 41	0 28	0 3	2 6	33 41	12 4	8 53	8 21	14 41		n.a.
W12	17 12	18 41	4 1	19 11	1 39	0 53	5 21	24 19	0 38	8 45	0 47	6 47	2 30	6 42	0 28	0 3	2 6	33 41	12 4	8 54	8 23	14 40		n.a.
T 13	16 55	17 26	3 14	18 32	1 33	1 10	5 31	24 22	0 39	8 48	0 47	6 47	2 30	6 43	0 28	0 4	2 6	33 41	12 4	8 56	8 24	14 39		n.a.
F 14	16 37	15 27	2 19	17 50	1 27	1 26	5 40	24 25	0 40	8 51	0 47	6 47	2 30	6 44	0 28	0 4	2 6	33 41	12 4	8 57	8 25	14 38		n.a.
S 15	16 19	12 49	1 18	17 7	1 20	1 41	5 49	24 27	0 41	8 55	0 47	6 47	2 31	6 45	0 28	0 5	2 6	33 41	12 4	8 58	8 26	14 36		n.a.
S 16	16 1	9 40	0 13	16 21	1 13	1 55	5 59	24 29	0 42	8 58	0 46	6 46	2 31	6 45	0 28	0 5	2 6	33 41	12 5	8 58	8 28	14 35		n.a.
M17	15 43	6 7	0s52	15 34	1 5	2 8	6 8	24 31	0 43	9 2	0 46	6 46	2 31	6 46	0 28	0 5	2 6	33 41	12 5	8 58	8 29	14 34		n.a.
T 18	15 24	2 18	1 56	14 46	0 56	2 20	6 17	24 33	0 44	9 5	0 46	6 45	2 31	6 47	0 28	0 6	2 6	33 40	12 5	8 57	8 30	14 33		n.a.
W19	15 6	1n39	2 55	13 55	0 47	2 32	6 25	24 34	0 45	9 9	0 46	6 45	2 31	6 48	0 28	0 6	2 6	33 40	12 5	8 57	8 31	14 32		n.a.
T 20	14 47	5 36	3 47	13 4	0 38	2 42	6 34	24 36	0 46	9 13	0 45	6 44	2 32	6 49	0 28	0 7	2 6	33 40	12 5	8 56	8 32	14 30		n.a.
F 21	14 27	9 23	4 30	12 11	0 28	2 51	6 43	24 37	0 47	9 16	0 45	6 44	2 32	6 50	0 28	0 7	2 6	33 40	12 5	8 56	8 34	14 29		n.a.
S 22	14 8	12 49	5 0	11 17	0 17	2 58	6 51	24 37	0 48	9 20	0 45	6 43	2 32	6 51	0 28	0 8	2 6	33 40	12 6	8 56	8 35	14 28		n.a.
S 23	13 48	15 42	5 16	10 23	0 6	3 5	6 59	24 38	0 49	9 24	0 45	6 43	2 32	6 51	0 28	0 8	2 6	33 40	12 6	8 56	8 36	14 27		n.a.
M24	13 28	17 49	5 14	9 28	0n 5	3 10	7 6	24 38	0 49	9 27	0 45	6 42	2 32	6 52	0 28	0 9	2 6	33 40	12 6	8 56	8 37	14 26		n.a.
T 25	13 8	18 56	4 54	8 33	0 17	3 15	7 14	24 37	0 50	9 31	0 44	6 41	2 33	6 53	0 28	0 9	2 6	33 40	12 6	8 56	8 38	14 24		n.a.
W26	12 48	18 51	4 14	7 38	0 29	3 17	7 21	24 37	0 51	9 35	0 44	6 41	2 33	6 54	0 28	0 10	2 6	33 40	12 6	8 57	8 40	14 23		n.a.
T 27	12 27	17 28	3 17	6 44	0 41	3 19	7 27	24 36	0 52	9 39	0 44	6 40	2 33	6 55	0 28	0 10	2 6	33 40	12 7	8 57	8 41	14 22		n.a.
F 28	12s 7	14n51	2s 5	5s50	0n53	3n18	7n33	24s35	0s53	9n43	0s44	6s39	2n33	6n56	0s28	0n11	2n 7	33s40	12s 7	8n58	8n42	14s21		n.a.

Julian Day Number = 1295207.5, Delta T = 07h55m29s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'57, Lahiri = -20°03'56 Julian Calendar 1 Feb. 1167 BCE == Greg. Calendar 21 Jan. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

MARCH 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 42	29♒41'40	29♌24	15♓10	20°R45	6♑30	26♈41	22°R48	18♈33	4°R19	23♑31	7°R19	7♍58	16♒37	n.a.	S 1
S 2	9 54 39	0♓40'24	14♍31	16°54	20♓26	7°16	26°52	22♎46	18°35	4♎17	23°32	7°D19	7°55	16°44	n.a.	S 2
M 3	9 58 35	1°39'05	29°25	18°35	20° 4	8° 1	27° 2	22°44	18°38	4°16	23°34	7♍19	7°51	16°51	n.a.	M 3
T 4	10 2 32	2°37'45	13♎58	20°11	19°40	8°47	27°12	22°42	18°40	4°15	23°35	7°20	7°48	16°57	n.a.	T 4
W 5	10 6 28	3°36'23	28° 6	21°43	19°15	9°32	27°23	22°40	18°43	4°14	23°36	7°20	7°45	17° 4	n.a.	W 5
T 6	10 10 25	4°34'58	11♏47	23°10	18°47	10°18	27°34	22°38	18°46	4°12	23°38	7°20	7°42	17°11	n.a.	T 6
F 7	10 14 21	5°33'33	25° 1	24°32	18°17	11° 3	27°44	22°36	18°48	4°11	23°39	7°20	7°39	17°17	n.a.	F 7
S 8	10 18 18	6°32'05	7♐51	25°50	17°46	11°49	27°55	22°33	18°51	4° 9	23°40	7°R21	7°35	17°24	n.a.	S 8
S 9	10 22 14	7°30'36	20°21	27° 2	17°12	12°34	28° 6	22°31	18°54	4° 8	23°42	7°D21	7°32	17°31	n.a.	S 9
M10	10 26 11	8°29'05	2♑34	28° 9	16°38	13°20	28°17	22°28	18°57	4° 7	23°43	7°21	7°29	17°37	n.a.	M10
T 11	10 30 8	9°27'32	14°35	29°10	16° 2	14° 5	28°28	22°26	19° 0	4° 5	23°44	7°21	7°26	17°44	n.a.	T 11
W12	10 34 4	10°25'57	26°28	0♈ 6	15°26	14°51	28°40	22°23	19° 3	4° 4	23°45	7°21	7°23	17°51	n.a.	W12
T 13	10 38 1	11°24'21	8♒16	0°56	14°48	15°36	28°51	22°21	19° 6	4° 2	23°47	7°21	7°20	17°57	n.a.	T 13
F 14	10 41 57	12°22'42	20° 3	1°41	14°11	16°21	29° 2	22°18	19° 8	4° 1	23°48	7°22	7°16	18° 4	n.a.	F 14
S 15	10 45 54	13°21'02	1♓52	2°20	13°33	17° 7	29°14	22°15	19°11	3°59	23°49	7°R22	7°13	18°11	n.a.	S 15
S 16	10 49 50	14°19'20	13°45	2°52	12°54	17°52	29°25	22°12	19°14	3°58	23°50	7°22	7°10	18°17	n.a.	S 16
M17	10 53 47	15°17'36	25°44	3°20	12°17	18°38	29°37	22° 9	19°17	3°56	23°51	7°22	7° 7	18°24	n.a.	M17
T 18	10 57 43	16°15'50	7♈51	3°41	11°39	19°23	29°49	22° 6	19°20	3°55	23°52	7°21	7° 4	18°31	n.a.	T 18
W19	11 1 40	17°14'02	20° 9	3°56	11° 3	20° 8	0♉ 0	22° 3	19°24	3°53	23°54	7°20	7° 1	18°37	n.a.	W19
T 20	11 5 36	18°12'12	2♉38	4° 6	10°27	20°54	0°12	21°59	19°27	3°52	23°55	7°18	6°57	18°44	n.a.	T 20
F 21	11 9 33	19°10'20	15°22	4°R10	9°52	21°39	0°24	21°56	19°30	3°50	23°56	7°17	6°54	18°50	n.a.	F 21
S 22	11 13 30	20° 8'26	28°21	4° 9	9°19	22°24	0°36	21°53	19°33	3°49	23°57	7°15	6°51	18°57	n.a.	S 22
S 23	11 17 26	21° 6'29	11♊39	4° 2	8°48	23° 9	0°48	21°49	19°36	3°47	23°58	7°15	6°48	19° 4	n.a.	S 23
M24	11 21 23	22° 4'31	25°16	3°50	8°18	23°55	1° 0	21°46	19°39	3°45	23°59	7°D15	6°45	19°10	n.a.	M24
T 25	11 25 19	23° 2'31	9♋12	3°34	7°50	24°40	1°12	21°42	19°42	3°44	24° 0	7°15	6°41	19°17	n.a.	T 25
W26	11 29 16	24° 0'29	23°29	3°13	7°24	25°25	1°24	21°39	19°46	3°42	24° 1	7°16	6°38	19°24	n.a.	W26
T 27	11 33 12	24°58'24	8♌ 3	2°48	7° 0	26°10	1°37	21°35	19°49	3°41	24° 2	7°17	6°35	19°30	n.a.	T 27
F 28	11 37 9	25°56'18	22°52	2°19	6°38	26°55	1°49	21°31	19°52	3°39	24° 3	7°18	6°32	19°37	n.a.	F 28
S 29	11 41 5	26°54'10	7♍47	1°48	6°19	27°40	2° 1	21°28	19°55	3°38	24° 3	7°R19	6°29	19°44	n.a.	S 29
S 30	11 45 2	27°52'00	22°43	1°14	6° 2	28°25	2°14	21°24	19°59	3°36	24° 4	7°18	6°26	19°50	n.a.	S 30
M31	11 48 59	28♓49'48	7♎32	0♈39	5♓47	29♑10	2♉26	21♎20	20♈ 2	3♎34	24♑ 5	7♍17	6♍22	19♒57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s46	11n11	0s44	4s57	1n 5	3n17	7n39	24s34	0s54	9n47	0s44	6s38	2n33	6n57	0s28	0n11	2n 7	33s39	12s 7	8n58	8n43	14s19		n.a.
S 2	11 25	6 48	0n40	4 5	1 17	3 14	7 43	24 33	0 55	9 51	0 43	6 37	2 34	6 58	0 28	0 12	2 7	33 39	12 7	8 58	8 44	14 18		n.a.
M 3	11 4	2 4	2 0	3 14	1 28	3 9	7 48	24 31	0 56	9 55	0 43	6 37	2 34	6 59	0 28	0 13	2 7	33 39	12 7	8 58	8 46	14 17		n.a.
T 4	10 42	2s41	3 10	2 25	1 40	3 3	7 51	24 29	0 57	9 59	0 43	6 36	2 34	7 0	0 28	0 13	2 7	33 39	12 8	8 58	8 47	14 16		n.a.
W 5	10 21	7 8	4 7	1 39	1 51	2 56	7 54	24 26	0 58	10 3	0 43	6 35	2 34	7 1	0 28	0 14	2 7	33 39	12 8	8 57	8 48	14 14		n.a.
T 6	9 59	11 4	4 47	0 54	2 2	2 47	7 57	24 24	0 59	10 7	0 43	6 34	2 34	7 3	0 28	0 14	2 7	33 39	12 8	8 57	8 49	14 13		n.a.
F 7	9 37	14 18	5 11	0 11	2 12	2 37	7 58	24 21	0 59	10 11	0 42	6 33	2 34	7 4	0 28	0 15	2 7	33 39	12 8	8 57	8 50	14 12		n.a.
S 8	9 15	16 45	5 18	0n29	2 22	2 25	7 59	24 18	1 0	10 15	0 42	6 32	2 35	7 5	0 28	0 15	2 7	33 39	12 9	8 57	8 52	14 11		n.a.
S 9	8 53	18 19	5 10	1 6	2 31	2 12	7 59	24 15	1 1	10 19	0 42	6 31	2 35	7 6	0 28	0 16	2 7	33 39	12 9	8 57	8 53	14 9		n.a.
M10	8 31	19 1	4 48	1 40	2 39	1 57	7 58	24 11	1 2	10 23	0 42	6 30	2 35	7 7	0 28	0 17	2 7	33 39	12 9	8 57	8 54	14 8		n.a.
T 11	8 9	18 49	4 13	2 12	2 46	1 42	7 56	24 7	1 3	10 28	0 42	6 28	2 35	7 8	0 28	0 17	2 7	33 39	12 9	8 57	8 55	14 7		n.a.
W12	7 47	17 48	3 28	2 41	2 53	1 25	7 53	24 3	1 4	10 32	0 41	6 27	2 35	7 9	0 28	0 18	2 7	33 39	12 10	8 57	8 56	14 6		n.a.
T 13	7 24	16 0	2 35	3 6	2 59	1 7	7 49	23 59	1 5	10 36	0 41	6 26	2 35	7 10	0 27	0 18	2 7	33 39	12 10	8 57	8 58	14 4		n.a.
F 14	7 2	13 32	1 35	3 29	3 4	0 48	7 45	23 54	1 6	10 40	0 41	6 25	2 36	7 11	0 27	0 19	2 7	33 39	12 10	8 57	8 59	14 3		n.a.
S 15	6 39	10 31	0 31	3 48	3 7	0 29	7 39	23 49	1 7	10 45	0 41	6 24	2 36	7 13	0 27	0 20	2 7	33 39	12 10	8 57	9 0	14 2		n.a.
S 16	6 16	7 2	0s35	4 4	3 10	0 8	7 33	23 44	1 8	10 49	0 41	6 23	2 36	7 14	0 27	0 20	2 7	33 39	12 11	8 57	9 1	14 1		n.a.
M17	5 53	3 15	1 40	4 16	3 12	0s13	7 26	23 39	1 9	10 53	0 40	6 21	2 36	7 15	0 27	0 21	2 7	33 39	12 11	8 57	9 2	13 59		n.a.
T 18	5 30	0n42	2 41	4 25	3 12	0 34	7 18	23 33	1 9	10 58	0 40	6 20	2 36	7 16	0 27	0 22	2 7	33 39	12 11	8 57	9 4	13 58		n.a.
W19	5 7	4 40	3 36	4 30	3 11	0 56	7 9	23 27	1 10	11 2	0 40	6 19	2 36	7 17	0 27	0 22	2 7	33 40	12 11	8 58	9 5	13 57		n.a.
T 20	4 44	8 30	4 21	4 32	3 9	1 18	7 0	23 21	1 11	11 6	0 40	6 17	2 36	7 19	0 27	0 23	2 7	33 40	12 12	8 58	9 6	13 56		n.a.
F 21	4 21	12 1	4 54	4 31	3 6	1 40	6 50	23 15	1 12	11 11	0 40	6 16	2 36	7 20	0 27	0 23	2 7	33 40	12 12	8 59	9 7	13 54		n.a.
S 22	3 58	15 2	5 13	4 26	3 1	2 3	6 40	23 8	1 13	11 15	0 40	6 15	2 37	7 21	0 27	0 24	2 7	33 40	12 12	8 59	9 8	13 53		n.a.
S 23	3 35	17 20	5 16	4 18	2 55	2 25	6 28	23 1	1 14	11 20	0 39	6 13	2 37	7 22	0 27	0 25	2 7	33 40	12 13	8 59	9 10	13 52		n.a.
M24	3 12	18 43	5 1	4 6	2 47	2 47	6 17	22 54	1 15	11 24	0 39	6 12	2 37	7 23	0 27	0 25	2 7	33 40	12 13	9 0	9 11	13 50		n.a.
T 25	2 48	19 2	4 29	3 52	2 39	3 8	6 5	22 47	1 16	11 28	0 39	6 10	2 37	7 25	0 27	0 26	2 7	33 40	12 13	8 59	9 12	13 49		n.a.
W26	2 25	18 9	3 40	3 34	2 29	3 29	5 52	22 39	1 17	11 33	0 39	6 9	2 37	7 26	0 27	0 27	2 7	33 40	12 13	8 59	9 13	13 48		n.a.
T 27	2 2	16 3	2 35	3 14	2 18	3 50	5 40	22 32	1 17	11 37	0 39	6 7	2 37	7 27	0 27	0 27	2 7	33 40	12 14	8 59	9 14	13 46		n.a.
F 28	1 38	12 53	1 19	2 51	2 5	4 10	5 27	22 24	1 18	11 42	0 39	6 6	2 37	7 28	0 27	0 28	2 7	33 40	12 14	8 58	9 16	13 45		n.a.
S 29	1 15	8 50	0n 3	2 26	1 52	4 29	5 14	22 16	1 19	11 46	0 38	6 4	2 37	7 30	0 27	0 29	2 7	33 40	12 14	8 58	9 17	13 44		n.a.
S 30	0 52	4 13	1 24	2 0	1 38	4 48	5 0	22 7	1 20	11 51	0 38	6 3	2 37	7 31	0 27	0 29	2 7	33 41	12 15	8 58	9 18	13 43		n.a.
M31	0s28	0s36	2n39	1n31	1n23	5s 6	4n47	21s59	1s21	11n55	0s38	6s 1	2n37	7n32	0s27	0n30	2n 7	33s41	12s15	8n59	9n19	13s41		n.a.

Julian Day Number = 1295235.5, Delta T = 07h55m28s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'53, Lahiri = -20°03'52 Julian Calendar 1 March 1167 BCE == Greg. Calendar 18 Feb. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

APRIL 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 55	29♓47'34	22♎ 5	0°R 3	5°R35	29♏55	2♉39	21°R16	20♈ 5	3°R33	24♏ 6	7°R14	6♍19	20♒ 4	n.a.	T 1
W 2	11 56 52	0♈45'20	6♏17	29♓26	5♓25	0♒40	2°52	21♎12	20° 9	3♎31	24° 7	7♍11	6°16	20°10	n.a.	W 2
T 3	12 0 48	1°43'03	20° 3	28°49	5°18	1°25	3° 4	21° 8	20°12	3°29	24° 8	7° 7	6°13	20°17	n.a.	T 3
F 4	12 4 45	2°40'46	3♐24	28°13	5°13	2°10	3°17	21° 4	20°15	3°28	24° 8	7° 4	6°10	20°24	n.a.	F 4
S 5	12 8 41	3°38'27	16°19	27°38	5°11	2°55	3°30	21° 0	20°19	3°26	24° 9	7° 2	6° 6	20°30	n.a.	S 5
S 6	12 12 38	4°36'08	28°52	27° 6	5°D11	3°40	3°43	20°56	20°22	3°25	24°10	7° 1	6° 3	20°37	n.a.	S 6
M 7	12 16 34	5°33'46	11♑ 7	26°36	5°13	4°25	3°55	20°52	20°26	3°23	24°11	7°D 1	6° 0	20°44	n.a.	M 7
T 8	12 20 31	6°31'24	23° 7	26° 9	5°18	5°10	4° 8	20°48	20°29	3°21	24°11	7° 2	5°57	20°50	n.a.	T 8
W 9	12 24 28	7°29'01	4♒59	25°46	5°25	5°54	4°21	20°43	20°33	3°20	24°12	7° 4	5°54	20°57	n.a.	W 9
T 10	12 28 24	8°26'36	16°46	25°26	5°34	6°39	4°34	20°39	20°36	3°18	24°13	7° 5	5°51	21° 4	n.a.	T 10
F 11	12 32 21	9°24'10	28°34	25°10	5°45	7°24	4°47	20°35	20°39	3°16	24°13	7° 7	5°47	21°10	n.a.	F 11
S 12	12 36 17	10°21'43	10♓26	24°59	5°58	8° 8	5° 0	20°31	20°43	3°15	24°14	7°R 7	5°44	21°17	n.a.	S 12
S 13	12 40 14	11°19'15	22°26	24°51	6°13	8°53	5°13	20°26	20°46	3°13	24°14	7° 6	5°41	21°23	n.a.	S 13
M14	12 44 10	12°16'46	4♈36	24°D49	6°31	9°37	5°27	20°22	20°50	3°12	24°15	7° 3	5°38	21°30	n.a.	M14
T 15	12 48 7	13°14'15	16°57	24°50	6°50	10°22	5°40	20°18	20°53	3°10	24°15	6°58	5°35	21°37	n.a.	T 15
W16	12 52 3	14°11'44	29°32	24°57	7°11	11° 6	5°53	20°13	20°57	3° 8	24°16	6°53	5°32	21°43	n.a.	W16
T 17	12 56 0	15° 9'11	12♉20	25° 7	7°33	11°51	6° 6	20° 9	21° 0	3° 7	24°16	6°46	5°28	21°50	n.a.	T 17
F 18	12 59 56	16° 6'36	25°22	25°23	7°57	12°35	6°19	20° 4	21° 4	3° 5	24°17	6°40	5°25	21°57	n.a.	F 18
S 19	13 3 53	17° 4'01	8♊37	25°42	8°23	13°19	6°33	20° 0	21° 7	3° 4	24°17	6°34	5°22	22° 3	n.a.	S 19
S 20	13 7 50	18° 1'24	22° 5	26° 6	8°51	14° 3	6°46	19°56	21°11	3° 2	24°18	6°30	5°19	22°10	n.a.	S 20
M21	13 11 46	18°58'46	5♋46	26°35	9°20	14°48	6°59	19°51	21°14	3° 1	24°18	6°27	5°16	22°17	n.a.	M21
T 22	13 15 43	19°56'06	19°40	27° 7	9°50	15°32	7°13	19°47	21°18	2°59	24°18	6°D27	5°12	22°23	n.a.	T 22
W23	13 19 39	20°53'26	3♌46	27°44	10°22	16°16	7°26	19°42	21°21	2°57	24°19	6°27	5° 9	22°30	n.a.	W23
T 24	13 23 36	21°50'43	18° 3	28°24	10°55	17° 0	7°40	19°38	21°25	2°56	24°19	6°28	5° 6	22°37	n.a.	T 24
F 25	13 27 32	22°48'00	2♍29	29° 9	11°30	17°44	7°53	19°34	21°28	2°54	24°19	6°R29	5° 3	22°43	n.a.	F 25
S 26	13 31 29	23°45'15	17° 1	29°57	12° 5	18°27	8° 7	19°29	21°32	2°53	24°20	6°29	5° 0	22°50	n.a.	S 26
S 27	13 35 25	24°42'30	1♎34	0♈49	12°42	19°11	8°20	19°25	21°35	2°51	24°20	6°27	4°57	22°57	n.a.	S 27
M28	13 39 22	25°39'43	16° 4	1°44	13°20	19°55	8°34	19°20	21°39	2°50	24°20	6°22	4°53	23° 3	n.a.	M28
T 29	13 43 19	26°36'55	0♏23	2°43	13°59	20°39	8°47	19°16	21°42	2°49	24°20	6°16	4°50	23°10	n.a.	T 29
W30	13 47 15	27♈34'07	14♏25	3♈45	14♓40	21♒22	9♉ 1	19♎12	21♈46	2♎47	24♏20	6♍ 8	4♍47	23♒16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 5	5s18	3n43	1n 2	1n 7	5s23	4n34	21s50	1s22	12n 0	0s38	6s 0	2n38	7n34	0s27	0n31	2n 7	33s41	12s15	9n 0	9n20	13s40		n.a.
W 2	0n18	9 35	4 30	0 32	0 51	5 39	4 20	21 41	1 23	12 4	0 38	5 58	2 38	7 35	0 27	0 31	2 7	33 41	12 16	9 1	9 22	13 39		n.a.
T 3	0 42	13 13	5 1	0 2	0 34	5 54	4 7	21 32	1 23	12 9	0 38	5 57	2 38	7 36	0 27	0 32	2 7	33 41	12 16	9 2	9 23	13 37		n.a.
F 4	1 5	16 2	5 14	0s28	0 17	6 8	3 53	21 22	1 24	12 13	0 38	5 55	2 38	7 37	0 27	0 33	2 7	33 41	12 16	9 3	9 24	13 36		n.a.
S 5	1 28	17 58	5 11	0 57	0 0	6 21	3 40	21 12	1 25	12 18	0 37	5 54	2 38	7 39	0 27	0 33	2 7	33 42	12 17	9 4	9 25	13 35		n.a.
S 6	1 51	18 57	4 52	1 25	0s17	6 34	3 27	21 3	1 26	12 22	0 37	5 52	2 38	7 40	0 27	0 34	2 7	33 42	12 17	9 5	9 26	13 33		n.a.
M 7	2 15	19 2	4 21	1 53	0 33	6 45	3 14	20 53	1 27	12 27	0 37	5 50	2 38	7 41	0 27	0 35	2 7	33 42	12 17	9 5	9 27	13 32		n.a.
T 8	2 38	18 13	3 39	2 18	0 49	6 55	3 1	20 42	1 28	12 32	0 37	5 49	2 38	7 43	0 27	0 35	2 7	33 42	12 18	9 4	9 29	13 31		n.a.
W 9	3 1	16 38	2 47	2 42	1 5	7 4	2 48	20 32	1 29	12 36	0 37	5 47	2 38	7 44	0 27	0 36	2 7	33 42	12 18	9 4	9 30	13 29		n.a.
T 10	3 24	14 20	1 49	3 4	1 20	7 12	2 36	20 21	1 29	12 41	0 37	5 45	2 38	7 45	0 27	0 37	2 7	33 42	12 18	9 3	9 31	13 28		n.a.
F 11	3 47	11 26	0 47	3 23	1 34	7 20	2 24	20 10	1 30	12 45	0 37	5 44	2 38	7 47	0 27	0 37	2 7	33 43	12 19	9 3	9 32	13 27		n.a.
S 12	4 10	8 3	0s18	3 40	1 48	7 26	2 12	20 0	1 31	12 50	0 36	5 42	2 38	7 48	0 27	0 38	2 7	33 43	12 19	9 2	9 33	13 25		n.a.
S 13	4 33	4 19	1 23	3 55	2 0	7 31	2 0	19 48	1 32	12 54	0 36	5 41	2 38	7 49	0 27	0 39	2 7	33 43	12 19	9 3	9 35	13 24		n.a.
M14	4 56	0 21	2 25	4 7	2 12	7 35	1 49	19 37	1 33	12 59	0 36	5 39	2 38	7 51	0 27	0 39	2 7	33 43	12 20	9 4	9 36	13 23		n.a.
T 15	5 19	3n41	3 20	4 16	2 23	7 39	1 37	19 26	1 33	13 4	0 36	5 37	2 38	7 52	0 27	0 40	2 7	33 44	12 20	9 6	9 37	13 21		n.a.
W16	5 41	7 38	4 7	4 22	2 33	7 41	1 26	19 14	1 34	13 8	0 36	5 36	2 38	7 53	0 27	0 40	2 7	33 44	12 20	9 8	9 38	13 20		n.a.
T 17	6 4	11 18	4 43	4 26	2 42	7 42	1 16	19 2	1 35	13 13	0 36	5 34	2 38	7 55	0 27	0 41	2 7	33 44	12 21	9 10	9 39	13 19		n.a.
F 18	6 26	14 30	5 4	4 27	2 50	7 43	1 5	18 50	1 36	13 17	0 36	5 32	2 38	7 56	0 27	0 42	2 7	33 44	12 21	9 13	9 41	13 17		n.a.
S 19	6 49	17 0	5 10	4 25	2 56	7 42	0 55	18 38	1 37	13 22	0 35	5 31	2 38	7 57	0 27	0 42	2 7	33 45	12 21	9 15	9 42	13 16		n.a.
S 20	7 11	18 37	4 59	4 21	3 2	7 41	0 45	18 26	1 37	13 26	0 35	5 29	2 38	7 59	0 27	0 43	2 7	33 45	12 22	9 16	9 43	13 14		n.a.
M21	7 33	19 12	4 31	4 14	3 8	7 39	0 36	18 13	1 38	13 31	0 35	5 27	2 38	8 0	0 27	0 44	2 7	33 45	12 22	9 17	9 44	13 13		n.a.
T 22	7 55	18 38	3 46	4 5	3 12	7 36	0 26	18 1	1 39	13 36	0 35	5 26	2 38	8 1	0 27	0 44	2 7	33 45	12 22	9 18	9 45	13 12		n.a.
W23	8 17	16 55	2 48	3 53	3 15	7 32	0 17	17 48	1 40	13 40	0 35	5 24	2 38	8 3	0 27	0 45	2 7	33 46	12 23	9 17	9 46	13 10		n.a.
T 24	8 39	14 7	1 38	3 39	3 17	7 28	0 8	17 35	1 40	13 45	0 35	5 22	2 38	8 4	0 27	0 45	2 7	33 46	12 23	9 17	9 48	13 9		n.a.
F 25	9 0	10 25	0 22	3 22	3 19	7 22	0s 0	17 22	1 41	13 49	0 35	5 21	2 38	8 5	0 27	0 46	2 7	33 46	12 23	9 17	9 49	13 8		n.a.
S 26	9 22	6 5	0n57	3 4	3 19	7 16	0 8	17 9	1 42	13 54	0 35	5 19	2 38	8 7	0 27	0 46	2 7	33 46	12 24	9 17	9 50	13 6		n.a.
S 27	9 43	1 22	2 11	2 42	3 19	7 9	0 17	16 56	1 43	13 58	0 34	5 17	2 38	8 8	0 27	0 47	2 7	33 47	12 24	9 18	9 51	13 5		n.a.
M28	10 5	3s24	3 17	2 19	3 18	7 2	0 24	16 43	1 43	14 3	0 34	5 16	2 38	8 9	0 27	0 48	2 7	33 47	12 24	9 19	9 52	13 3		n.a.
T 29	10 26	7 54	4 9	1 54	3 16	6 53	0 32	16 29	1 44	14 7	0 34	5 14	2 38	8 11	0 27	0 48	2 7	33 47	12 25	9 22	9 54	13 2		n.a.
W30	10n47	11s53	4n45	1s26	3s14	6s44	0s39	16s15	1s45	14n12	0s34	5s13	2n38	8n12	0s27	0n49	2n 7	33s48	12s25	9n25	9n55	13s 1		n.a.

Julian Day Number = 1295266.5, Delta T = 07h55m26s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'49, Lahiri = -20°03'48 Julian Calendar 1 Apr. 1167 BCE == Greg. Calendar 21 March 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

MAY 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 12	28♈31'18	28♏ 8	4♈51	15♓21	22♒ 6	9♉14	19°R 7	21♈49	2°R46	24♑21	6°R 0	4♍44	23♒23	n.a.	T 1
F 2	13 55 8	29°28'29	11♐27	5°59	16° 3	22°49	9°28	19♎ 3	21°53	2♎44	24°21	5♍52	4°41	23°30	n.a.	F 2
S 3	13 59 5	0♉25'39	24°23	7°12	16°46	23°33	9°41	18°59	21°56	2°43	24°21	5°45	4°37	23°36	n.a.	S 3
S 4	14 3 1	1°22'49	6♑57	8°27	17°31	24°16	9°55	18°55	22° 0	2°41	24°21	5°40	4°34	23°43	n.a.	S 4
M 5	14 6 58	2°19'58	19°13	9°45	18°16	24°59	10° 9	18°50	22° 3	2°40	24°21	5°37	4°31	23°50	n.a.	M 5
T 6	14 10 55	3°17'07	1♒14	11° 7	19° 2	25°43	10°22	18°46	22° 7	2°39	24°R21	5°D36	4°28	23°56	n.a.	T 6
W 7	14 14 51	4°14'15	13° 6	12°31	19°48	26°26	10°36	18°42	22°10	2°37	24°21	5°36	4°25	24° 3	n.a.	W 7
T 8	14 18 48	5°11'24	24°55	13°59	20°36	27° 9	10°50	18°38	22°14	2°36	24°21	5°37	4°22	24°10	n.a.	T 8
F 9	14 22 44	6° 8'32	6♓44	15°29	21°24	27°52	11° 3	18°34	22°17	2°35	24°21	5°R37	4°18	24°16	n.a.	F 9
S 10	14 26 41	7° 5'40	18°40	17° 3	22°13	28°35	11°17	18°30	22°20	2°34	24°21	5°36	4°15	24°23	n.a.	S 10
S 11	14 30 37	8° 2'47	0♈46	18°39	23° 3	29°18	11°31	18°26	22°24	2°32	24°21	5°34	4°12	24°30	n.a.	S 11
M12	14 34 34	8°59'55	13° 7	20°19	23°53	0♓ 0	11°44	18°22	22°27	2°31	24°20	5°28	4° 9	24°36	n.a.	M12
T 13	14 38 30	9°57'02	25°43	22° 1	24°44	0°43	11°58	18°18	22°31	2°30	24°20	5°20	4° 6	24°43	n.a.	T 13
W14	14 42 27	10°54'09	8♉36	23°46	25°36	1°26	12°12	18°14	22°34	2°29	24°20	5°11	4° 3	24°50	n.a.	W14
T 15	14 46 24	11°51'15	21°46	25°34	26°28	2° 8	12°25	18°10	22°37	2°27	24°20	5° 0	3°59	24°56	n.a.	T 15
F 16	14 50 20	12°48'22	5♊11	27°24	27°21	2°51	12°39	18° 6	22°41	2°26	24°20	4°49	3°56	25° 3	n.a.	F 16
S 17	14 54 17	13°45'28	18°48	29°17	28°14	3°33	12°53	18° 2	22°44	2°25	24°19	4°39	3°53	25° 9	n.a.	S 17
S 18	14 58 13	14°42'33	2♋36	1♉13	29° 8	4°15	13° 6	17°59	22°47	2°24	24°19	4°31	3°50	25°16	n.a.	S 18
M19	15 2 10	15°39'39	16°32	3°11	0♈ 3	4°57	13°20	17°55	22°51	2°23	24°19	4°26	3°47	25°23	n.a.	M19
T 20	15 6 6	16°36'44	0♌33	5°12	0°58	5°39	13°34	17°51	22°54	2°22	24°19	4°23	3°43	25°29	n.a.	T 20
W21	15 10 3	17°33'48	14°39	7°14	1°53	6°21	13°47	17°48	22°57	2°21	24°18	4°D22	3°40	25°36	n.a.	W21
T 22	15 13 59	18°30'53	28°47	9°18	2°49	7° 3	14° 1	17°44	23° 0	2°20	24°18	4°R22	3°37	25°43	n.a.	T 22
F 23	15 17 56	19°27'56	12♍57	11°24	3°45	7°45	14°15	17°41	23° 4	2°19	24°17	4°22	3°34	25°49	n.a.	F 23
S 24	15 21 53	20°25'00	27° 8	13°31	4°42	8°27	14°28	17°37	23° 7	2°18	24°17	4°21	3°31	25°56	n.a.	S 24
S 25	15 25 49	21°22'03	11♎17	15°40	5°39	9° 8	14°42	17°34	23°10	2°17	24°17	4°17	3°28	26° 3	n.a.	S 25
M26	15 29 46	22°19'06	25°21	17°49	6°37	9°49	14°55	17°31	23°13	2°16	24°16	4°10	3°24	26° 9	n.a.	M26
T 27	15 33 42	23°16'10	9♏16	19°59	7°35	10°31	15° 9	17°28	23°16	2°15	24°16	4° 1	3°21	26°16	n.a.	T 27
W28	15 37 39	24°13'13	23° 0	22° 8	8°33	11°12	15°23	17°25	23°20	2°14	24°15	3°50	3°18	26°23	n.a.	W28
T 29	15 41 35	25°10'17	6♐27	24°18	9°32	11°53	15°36	17°22	23°23	2°13	24°15	3°38	3°15	26°29	n.a.	T 29
F 30	15 45 32	26° 7'20	19°36	26°28	10°31	12°34	15°50	17°19	23°26	2°13	24°14	3°26	3°12	26°36	n.a.	F 30
S 31	15 49 29	27♉ 4'25	2♑25	28♉37	11♈31	13♓15	16♉ 3	17♎16	23♈29	2♎12	24♑14	3♍16	3♍ 9	26♒43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n 7	15s 8	5n 4	0s57	3s11	6s34	0s46	16s 2	1s45	14n16	0s34	5s11	2n37	8n13	0s27	0n49	2n 7	33s48	12s25	9n28	9n56	12s59			n.a.
F 2	11 28	17 29	5 5	0 26	3 7	6 24	0 53	15 48	1 46	14 21	0 34	5 9	2 37	8 15	0 27	0 50	2 7	33 48	12 26	9 31	9 57	12 58			n.a.
S 3	11 48	18 52	4 51	0n 7	3 2	6 13	1 0	15 34	1 47	14 25	0 34	5 8	2 37	8 16	0 27	0 50	2 7	33 49	12 26	9 33	9 58	12 56			n.a.
S 4	12 9	19 16	4 23	0 42	2 57	6 1	1 6	15 20	1 47	14 30	0 34	5 6	2 37	8 17	0 27	0 51	2 7	33 49	12 26	9 35	9 59	12 55			n.a.
M 5	12 29	18 45	3 43	1 19	2 51	5 49	1 12	15 6	1 48	14 34	0 34	5 5	2 37	8 19	0 27	0 51	2 7	33 49	12 27	9 36	10 1	12 54			n.a.
T 6	12 49	17 23	2 54	1 57	2 44	5 36	1 18	14 52	1 49	14 39	0 33	5 3	2 37	8 20	0 27	0 52	2 7	33 50	12 27	9 37	10 2	12 52			n.a.
W 7	13 8	15 17	1 58	2 37	2 37	5 23	1 24	14 37	1 49	14 43	0 33	5 2	2 37	8 21	0 27	0 52	2 7	33 50	12 27	9 36	10 3	12 51			n.a.
T 8	13 28	12 32	0 57	3 18	2 30	5 9	1 29	14 23	1 50	14 47	0 33	5 0	2 37	8 23	0 27	0 53	2 7	33 50	12 28	9 36	10 4	12 49			n.a.
F 9	13 47	9 16	0s 6	4 1	2 22	4 54	1 34	14 8	1 51	14 52	0 33	4 59	2 37	8 24	0 27	0 53	2 7	33 51	12 28	9 36	10 5	12 48			n.a.
S 10	14 6	5 37	1 9	4 46	2 13	4 39	1 39	13 54	1 51	14 56	0 33	4 57	2 37	8 25	0 27	0 54	2 7	33 51	12 29	9 36	10 7	12 47			n.a.
S 11	14 25	1 40	2 10	5 31	2 4	4 24	1 44	13 39	1 52	15 1	0 33	4 56	2 36	8 27	0 27	0 54	2 7	33 51	12 29	9 37	10 8	12 45			n.a.
M12	14 44	2n24	3 6	6 18	1 54	4 8	1 49	13 24	1 53	15 5	0 33	4 55	2 36	8 28	0 27	0 55	2 7	33 52	12 29	9 39	10 9	12 44			n.a.
T 13	15 2	6 28	3 54	7 6	1 44	3 51	1 53	13 10	1 53	15 9	0 33	4 53	2 36	8 29	0 27	0 55	2 7	33 52	12 30	9 42	10 10	12 42			n.a.
W14	15 20	10 19	4 31	7 55	1 34	3 34	1 57	12 55	1 54	15 14	0 33	4 52	2 36	8 30	0 27	0 56	2 7	33 52	12 30	9 46	10 11	12 41			n.a.
T 15	15 38	13 45	4 55	8 45	1 24	3 17	2 1	12 40	1 54	15 18	0 33	4 50	2 36	8 32	0 27	0 56	2 6	33 53	12 30	9 50	10 12	12 39			n.a.
F 16	15 56	16 33	5 3	9 35	1 13	2 59	2 5	12 25	1 55	15 22	0 32	4 49	2 36	8 33	0 27	0 57	2 6	33 53	12 31	9 54	10 14	12 38			n.a.
S 17	16 14	18 28	4 54	10 26	1 2	2 41	2 9	12 10	1 56	15 27	0 32	4 48	2 36	8 34	0 27	0 57	2 6	33 54	12 31	9 58	10 15	12 37			n.a.
S 18	16 31	19 21	4 28	11 18	0 51	2 22	2 12	11 54	1 56	15 31	0 32	4 46	2 35	8 35	0 27	0 57	2 6	33 54	12 31	10 1	10 16	12 35			n.a.
M19	16 48	19 4	3 45	12 10	0 39	2 3	2 16	11 39	1 57	15 35	0 32	4 45	2 35	8 37	0 27	0 58	2 6	33 54	12 32	10 3	10 17	12 34			n.a.
T 20	17 4	17 36	2 49	13 1	0 28	1 44	2 19	11 24	1 57	15 39	0 32	4 44	2 35	8 38	0 27	0 58	2 6	33 55	12 32	10 4	10 18	12 32			n.a.
W21	17 21	15 4	1 43	13 53	0 17	1 24	2 22	11 9	1 58	15 44	0 32	4 43	2 35	8 39	0 27	0 59	2 6	33 55	12 32	10 4	10 19	12 31			n.a.
T 22	17 37	11 38	0 30	14 44	0 6	1 4	2 24	10 54	1 58	15 48	0 32	4 42	2 35	8 40	0 27	0 59	2 6	33 56	12 33	10 4	10 21	12 29			n.a.
F 23	17 53	7 30	0n45	15 35	0n 5	0 43	2 27	10 38	1 59	15 52	0 32	4 40	2 35	8 42	0 27	0 59	2 6	33 56	12 33	10 4	10 22	12 28			n.a.
S 24	18 9	2 57	1 58	16 24	0 16	0 23	2 29	10 23	2 0	15 56	0 32	4 39	2 34	8 43	0 27	1 0	2 6	33 56	12 33	10 4	10 23	12 27			n.a.
S 25	18 24	1s45	3 2	17 13	0 26	0 2	2 32	10 7	2 0	16 0	0 32	4 38	2 34	8 44	0 27	1 0	2 6	33 57	12 34	10 6	10 24	12 25			n.a.
M26	18 39	6 19	3 55	18 0	0 36	0n19	2 34	9 52	2 1	16 5	0 31	4 37	2 34	8 45	0 27	1 0	2 6	33 57	12 34	10 8	10 25	12 24			n.a.
T 27	18 54	10 30	4 34	18 46	0 46	0 41	2 36	9 36	2 1	16 9	0 31	4 36	2 34	8 46	0 27	1 1	2 6	33 58	12 34	10 12	10 26	12 22			n.a.
W28	19 8	14 3	4 56	19 29	0 55	1 3	2 37	9 21	2 2	16 13	0 31	4 35	2 34	8 48	0 27	1 1	2 6	33 58	12 35	10 16	10 28	12 21			n.a.
T 29	19 22	16 48	5 1	20 11	1 4	1 25	2 39	9 5	2 2	16 17	0 31	4 34	2 33	8 49	0 27	1 1	2 6	33 58	12 35	10 20	10 29	12 19			n.a.
F 30	19 36	18 36	4 49	20 50	1 11	1 47	2 40	8 50	2 2	16 21	0 31	4 33	2 33	8 50	0 27	1 1	2 6	33 59	12 35	10 25	10 30	12 18			n.a.
S 31	19n49	19s25	4n24	21n28	1n19	2n 9	2s42	8s34	2s 3	16n25	0s31	4s32	2n33	8n51	0s27	1n 2	2n 6	33s59	12s35	10n28	10n31	12s16			n.a.

Julian Day Number = 1295296.5, Delta T = 07h55m24s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'45, Lahiri = -20°03'44 Julian Calendar 1 May 1167 BCE == Greg. Calendar 20 Apr. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

JUNE 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 25	28♉ 1'29	14♑55	0♊46	12♈31	13♓56	16♉17	17°R13	23♈32	2°R11	24°R13	3°R 8	3♍ 5	26♒49	n.a.	S 1
M 2	15 57 22	28°58'35	27° 9	2°53	13°31	14°37	16°30	17♎10	23°35	2♎10	24♑12	3♍ 2	3° 2	26°56	n.a.	M 2
T 3	16 1 18	29°55'40	9♒ 9	4°59	14°32	15°17	16°44	17° 8	23°38	2°10	24°12	2°59	2°59	27° 2	n.a.	T 3
W 4	16 5 15	0♊52'47	21° 1	7° 4	15°32	15°58	16°57	17° 5	23°41	2° 9	24°11	2°58	2°56	27° 9	n.a.	W 4
T 5	16 9 11	1°49'54	2♓50	9° 8	16°34	16°38	17°11	17° 3	23°44	2° 8	24°10	2°58	2°53	27°16	n.a.	T 5
F 6	16 13 8	2°47'02	14°40	11°10	17°35	17°18	17°24	17° 0	23°47	2° 8	24°10	2°58	2°49	27°22	n.a.	F 6
S 7	16 17 4	3°44'10	26°38	13°11	18°37	17°58	17°37	16°58	23°50	2° 7	24° 9	2°56	2°46	27°29	n.a.	S 7
S 8	16 21 1	4°41'19	8♈49	15°10	19°39	18°38	17°51	16°55	23°52	2° 7	24° 8	2°53	2°43	27°36	n.a.	S 8
M 9	16 24 58	5°38'30	21°16	17° 7	20°41	19°18	18° 4	16°53	23°55	2° 6	24° 7	2°47	2°40	27°42	n.a.	M 9
T 10	16 28 54	6°35'40	4♉ 2	19° 2	21°44	19°58	18°17	16°51	23°58	2° 6	24° 7	2°39	2°37	27°49	n.a.	T 10
W11	16 32 51	7°32'52	17°11	20°56	22°47	20°37	18°31	16°49	24° 1	2° 5	24° 6	2°29	2°34	27°56	n.a.	W11
T 12	16 36 47	8°30'05	0♊40	22°48	23°50	21°17	18°44	16°47	24° 4	2° 5	24° 5	2°17	2°30	28° 2	n.a.	T 12
F 13	16 40 44	9°27'18	14°28	24°38	24°53	21°56	18°57	16°45	24° 6	2° 4	24° 4	2° 5	2°27	28° 9	n.a.	F 13
S 14	16 44 40	10°24'32	28°31	26°27	25°57	22°35	19°10	16°44	24° 9	2° 4	24° 3	1°54	2°24	28°16	n.a.	S 14
S 15	16 48 37	11°21'47	12♋44	28°13	27° 1	23°14	19°23	16°42	24°12	2° 4	24° 3	1°45	2°21	28°22	n.a.	S 15
M16	16 52 33	12°19'02	27° 2	29°58	28° 5	23°53	19°37	16°40	24°14	2° 3	24° 2	1°39	2°18	28°29	n.a.	M16
T 17	16 56 30	13°16'18	11♌20	1♋42	29° 9	24°32	19°50	16°39	24°17	2° 3	24° 1	1°36	2°14	28°36	n.a.	T 17
W18	17 0 27	14°13'34	25°36	3°23	0♉13	25°10	20° 3	16°38	24°19	2° 3	24° 0	1°35	2°11	28°42	n.a.	W18
T 19	17 4 23	15°10'51	9♍47	5° 3	1°18	25°49	20°16	16°36	24°22	2° 3	23°59	1°35	2° 8	28°49	n.a.	T 19
F 20	17 8 20	16° 8'09	23°51	6°40	2°23	26°27	20°29	16°35	24°24	2° 3	23°58	1°35	2° 5	28°55	n.a.	F 20
S 21	17 12 16	17° 5'27	7♎48	8°17	3°28	27° 5	20°42	16°34	24°27	2° 2	23°57	1°33	2° 2	29° 2	n.a.	S 21
S 22	17 16 13	18° 2'46	21°38	9°51	4°33	27°43	20°54	16°33	24°29	2° 2	23°56	1°30	1°59	29° 9	n.a.	S 22
M23	17 20 9	19° 0'06	5♏19	11°24	5°39	28°21	21° 7	16°32	24°32	2° 2	23°55	1°24	1°55	29°15	n.a.	M23
T 24	17 24 6	19°57'26	18°50	12°54	6°44	28°58	21°20	16°31	24°34	2° 2	23°54	1°15	1°52	29°22	n.a.	T 24
W25	17 28 3	20°54'48	2♐10	14°24	7°50	29°36	21°33	16°30	24°36	2°D 2	23°53	1° 4	1°49	29°29	n.a.	W25
T 26	17 31 59	21°52'10	15°16	15°51	8°56	0♈13	21°45	16°30	24°38	2° 2	23°52	0°53	1°46	29°35	n.a.	T 26
F 27	17 35 56	22°49'34	28° 7	17°16	10° 2	0°50	21°58	16°29	24°41	2° 2	23°51	0°42	1°43	29°42	n.a.	F 27
S 28	17 39 52	23°46'59	10♑43	18°40	11° 9	1°27	22°10	16°29	24°43	2° 2	23°50	0°32	1°40	29°49	n.a.	S 28
S 29	17 43 49	24°44'25	23° 4	20° 2	12°15	2° 4	22°23	16°28	24°45	2° 2	23°49	0°24	1°36	29°55	n.a.	S 29
M30	17 47 45	25♊41'52	5♒12	21♋21	13♉22	2♈40	22♉35	16♎28	24♈47	2♎ 2	23♑48	0♍18	1♍33	0♓ 2	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 3	19s15	3n45	22n 2	1n25	2n32	2s43	8s19	2s 3	16n29	0s31	4s31	2n33	8n52	0s27	1n 2	2n 6	34s 0	12s36	10n31	10n32	12s15		n.a.
M 2	20 15	18 10	2 58	22 34	1 31	2 55	2 44	8 3	2 4	16 33	0 31	4 30	2 33	8 53	0 27	1 2	2 6	34 0	12 36	10 33	10 33	12 13		n.a.
T 3	20 28	16 17	2 3	23 4	1 37	3 18	2 45	7 48	2 4	16 37	0 31	4 30	2 32	8 54	0 27	1 2	2 5	34 0	12 36	10 34	10 35	12 12		n.a.
W 4	20 40	13 44	1 3	23 31	1 41	3 41	2 45	7 32	2 5	16 41	0 31	4 29	2 32	8 55	0 27	1 3	2 5	34 1	12 37	10 35	10 36	12 10		n.a.
T 5	20 52	10 37	0 1	23 55	1 45	4 4	2 46	7 17	2 5	16 45	0 31	4 28	2 32	8 57	0 27	1 3	2 5	34 1	12 37	10 35	10 37	12 9		n.a.
F 6	21 3	7 5	1s 2	24 16	1 48	4 27	2 46	7 1	2 6	16 49	0 31	4 27	2 32	8 58	0 27	1 3	2 5	34 2	12 37	10 35	10 38	12 7		n.a.
S 7	21 15	3 13	2 2	24 35	1 51	4 51	2 47	6 45	2 6	16 53	0 30	4 27	2 31	8 59	0 27	1 3	2 5	34 2	12 38	10 35	10 39	12 6		n.a.
S 8	21 25	0n50	2 58	24 51	1 53	5 14	2 47	6 30	2 6	16 57	0 30	4 26	2 31	9 0	0 27	1 3	2 5	34 3	12 38	10 37	10 40	12 4		n.a.
M 9	21 36	4 56	3 46	25 5	1 54	5 38	2 47	6 14	2 7	17 0	0 30	4 25	2 31	9 1	0 27	1 4	2 5	34 3	12 38	10 39	10 42	12 3		n.a.
T 10	21 46	8 55	4 25	25 16	1 54	6 2	2 47	5 59	2 7	17 4	0 30	4 25	2 31	9 2	0 27	1 4	2 5	34 3	12 38	10 42	10 43	12 1		n.a.
W11	21 56	12 36	4 50	25 25	1 54	6 26	2 47	5 43	2 8	17 8	0 30	4 24	2 31	9 3	0 27	1 4	2 5	34 4	12 39	10 46	10 44	12 0		n.a.
T 12	22 5	15 43	5 1	25 31	1 54	6 49	2 46	5 28	2 8	17 12	0 30	4 24	2 30	9 4	0 27	1 4	2 5	34 4	12 39	10 50	10 45	11 58		n.a.
F 13	22 14	18 3	4 54	25 36	1 52	7 13	2 46	5 12	2 8	17 16	0 30	4 23	2 30	9 5	0 27	1 4	2 5	34 5	12 39	10 54	10 46	11 57		n.a.
S 14	22 22	19 20	4 30	25 37	1 51	7 37	2 45	4 57	2 9	17 19	0 30	4 23	2 30	9 6	0 27	1 4	2 5	34 5	12 39	10 58	10 47	11 55		n.a.
S 15	22 31	19 26	3 48	25 37	1 48	8 1	2 45	4 42	2 9	17 23	0 30	4 22	2 30	9 7	0 27	1 4	2 5	34 6	12 40	11 1	10 48	11 54		n.a.
M16	22 38	18 17	2 52	25 35	1 45	8 25	2 44	4 26	2 9	17 27	0 30	4 22	2 29	9 8	0 27	1 4	2 5	34 6	12 40	11 4	10 50	11 52		n.a.
T 17	22 46	15 59	1 45	25 31	1 42	8 49	2 43	4 11	2 10	17 30	0 30	4 22	2 29	9 9	0 27	1 4	2 5	34 6	12 40	11 5	10 51	11 51		n.a.
W18	22 53	12 42	0 32	25 25	1 38	9 13	2 42	3 56	2 10	17 34	0 30	4 21	2 29	9 10	0 27	1 4	2 5	34 7	12 40	11 5	10 52	11 49		n.a.
T 19	22 59	8 42	0n43	25 17	1 33	9 36	2 41	3 40	2 10	17 38	0 30	4 21	2 29	9 11	0 27	1 4	2 4	34 7	12 41	11 5	10 53	11 48		n.a.
F 20	23 6	4 14	1 55	25 8	1 29	10 0	2 40	3 25	2 10	17 41	0 30	4 21	2 28	9 12	0 27	1 4	2 4	34 8	12 41	11 5	10 54	11 46		n.a.
S 21	23 12	0s24	3 0	24 57	1 23	10 24	2 39	3 10	2 11	17 45	0 29	4 21	2 28	9 12	0 27	1 4	2 4	34 8	12 41	11 6	10 55	11 45		n.a.
S 22	23 17	4 58	3 53	24 45	1 17	10 47	2 37	2 55	2 11	17 48	0 29	4 20	2 28	9 13	0 27	1 4	2 4	34 8	12 41	11 7	10 57	11 43		n.a.
M23	23 22	9 14	4 32	24 31	1 11	11 11	2 36	2 40	2 11	17 52	0 29	4 20	2 28	9 14	0 27	1 4	2 4	34 9	12 42	11 9	10 58	11 42		n.a.
T 24	23 27	12 59	4 55	24 16	1 5	11 34	2 34	2 25	2 11	17 55	0 29	4 20	2 27	9 15	0 27	1 4	2 4	34 9	12 42	11 12	10 59	11 40		n.a.
W25	23 31	16 0	5 2	24 0	0 58	11 57	2 32	2 10	2 12	17 59	0 29	4 20	2 27	9 16	0 27	1 4	2 4	34 10	12 42	11 16	11 0	11 39		n.a.
T 26	23 35	18 9	4 53	23 42	0 50	12 20	2 31	1 55	2 12	18 2	0 29	4 20	2 27	9 17	0 27	1 4	2 4	34 10	12 42	11 20	11 1	11 37		n.a.
F 27	23 38	19 20	4 29	23 24	0 43	12 43	2 29	1 41	2 12	18 5	0 29	4 20	2 26	9 18	0 27	1 4	2 4	34 11	12 43	11 24	11 2	11 36		n.a.
S 28	23 41	19 32	3 52	23 5	0 35	13 6	2 27	1 26	2 12	18 9	0 29	4 20	2 26	9 18	0 27	1 4	2 4	34 11	12 43	11 28	11 3	11 34		n.a.
S 29	23 43	18 47	3 5	22 45	0 26	13 28	2 25	1 11	2 12	18 12	0 29	4 20	2 26	9 19	0 27	1 4	2 4	34 11	12 43	11 31	11 5	11 32		n.a.
M30	23n46	17s11	2n10	22n24	0n18	13n50	2s23	0s57	2s13	18n15	0s29	4s20	2n26	9n20	0s27	1n 4	2n 4	34s12	12s43	11n33	11n 6	11s31		n.a.

Julian Day Number = 1295327.5, Delta T = 07h55m23s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'40, Lahiri = -20°03'40 Julian Calendar 1 June 1167 BCE == Greg. Calendar 21 May 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

JULY 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 42	26♊39'21	17♒10	22♋39	14♉29	3♈17	22♉48	16°R28	24♈49	2♎ 3	23°R47	0°R16	1♍30	0♓ 9	n.a.	T 1
W 2	17 55 38	27°36'51	29° 0	23°55	15°36	3°53	23° 0	16°D28	24°51	2° 3	23♑46	0°D15	1°27	0°15	n.a.	W 2
T 3	17 59 35	28°34'23	10♓47	25° 9	16°43	4°29	23°13	16♎28	24°53	2° 3	23°44	0♍15	1°24	0°22	n.a.	T 3
F 4	18 3 32	29°31'56	22°37	26°21	17°51	5° 4	23°25	16°28	24°55	2° 3	23°43	0°16	1°20	0°29	n.a.	F 4
S 5	18 7 28	0♋29'31	4♈35	27°30	18°58	5°40	23°37	16°28	24°57	2° 4	23°42	0°R16	1°17	0°35	n.a.	S 5
S 6	18 11 25	1°27'08	16°46	28°37	20° 6	6°15	23°49	16°28	24°59	2° 4	23°41	0°15	1°14	0°42	n.a.	S 6
M 7	18 15 21	2°24'46	29°14	29°42	21°14	6°51	24° 1	16°29	25° 1	2° 4	23°40	0°11	1°11	0°48	n.a.	M 7
T 8	18 19 18	3°22'26	12♉ 5	0♌44	22°22	7°26	24°13	16°29	25° 2	2° 5	23°39	0° 6	1° 8	0°55	n.a.	T 8
W 9	18 23 14	4°20'08	25°20	1°44	23°30	8° 0	24°25	16°30	25° 4	2° 5	23°37	29♌59	1° 5	1° 2	n.a.	W 9
T 10	18 27 11	5°17'52	9♊ 1	2°41	24°38	8°35	24°37	16°30	25° 6	2° 6	23°36	29°50	1° 1	1° 8	n.a.	T 10
F 11	18 31 7	6°15'37	23° 5	3°35	25°47	9° 9	24°49	16°31	25° 7	2° 6	23°35	29°41	0°58	1°15	n.a.	F 11
S 12	18 35 4	7°13'24	7♋28	4°26	26°55	9°43	25° 0	16°32	25° 9	2° 7	23°34	29°33	0°55	1°22	n.a.	S 12
S 13	18 39 1	8°11'12	22° 5	5°14	28° 4	10°17	25°12	16°33	25°11	2° 7	23°33	29°27	0°52	1°28	n.a.	S 13
M14	18 42 57	9° 9'02	6♌47	5°58	29°13	10°50	25°24	16°34	25°12	2° 8	23°31	29°23	0°49	1°35	n.a.	M14
T 15	18 46 54	10° 6'54	21°29	6°39	0♊21	11°24	25°35	16°35	25°14	2° 8	23°30	29°21	0°46	1°42	n.a.	T 15
W16	18 50 50	11° 4'46	6♍ 4	7°16	1°31	11°57	25°46	16°37	25°15	2° 9	23°29	29°D21	0°42	1°48	n.a.	W16
T 17	18 54 47	12° 2'40	20°28	7°48	2°40	12°30	25°58	16°38	25°16	2°10	23°28	29°22	0°39	1°55	n.a.	T 17
F 18	18 58 43	13° 0'36	4♎38	8°17	3°49	13° 2	26° 9	16°39	25°18	2°11	23°26	29°23	0°36	2° 2	n.a.	F 18
S 19	19 2 40	13°58'33	18°33	8°41	4°58	13°34	26°20	16°41	25°19	2°11	23°25	29°R23	0°33	2° 8	n.a.	S 19
S 20	19 6 36	14°56'31	2♏13	9° 0	6° 8	14° 7	26°31	16°43	25°20	2°12	23°24	29°22	0°30	2°15	n.a.	S 20
M21	19 10 33	15°54'31	15°38	9°14	7°18	14°38	26°42	16°44	25°21	2°13	23°23	29°18	0°26	2°21	n.a.	M21
T 22	19 14 30	16°52'32	28°49	9°23	8°27	15°10	26°53	16°46	25°22	2°14	23°21	29°13	0°23	2°28	n.a.	T 22
W23	19 18 26	17°50'35	11♐47	9°R26	9°37	15°41	27° 4	16°48	25°23	2°15	23°20	29° 7	0°20	2°35	n.a.	W23
T 24	19 22 23	18°48'40	24°32	9°24	10°47	16°12	27°15	16°50	25°24	2°16	23°19	29° 0	0°17	2°41	n.a.	T 24
F 25	19 26 19	19°46'46	7♑ 5	9°15	11°57	16°42	27°25	16°52	25°25	2°16	23°18	28°53	0°14	2°48	n.a.	F 25
S 26	19 30 16	20°44'54	19°25	9° 0	13° 8	17°13	27°36	16°54	25°26	2°17	23°16	28°47	0°11	2°55	n.a.	S 26
S 27	19 34 12	21°43'04	1♒34	8°39	14°18	17°43	27°46	16°57	25°27	2°18	23°15	28°42	0° 7	3° 1	n.a.	S 27
M28	19 38 9	22°41'16	13°34	8°12	15°28	18°13	27°57	16°59	25°28	2°19	23°14	28°39	0° 4	3° 8	n.a.	M28
T 29	19 42 5	23°39'30	25°27	7°38	16°39	18°42	28° 7	17° 1	25°29	2°20	23°12	28°D38	0° 1	3°15	n.a.	T 29
W30	19 46 2	24°37'46	7♓15	6°58	17°50	19°11	28°17	17° 4	25°30	2°22	23°11	28°38	29♌58	3°21	n.a.	W30
T 31	19 49 59	25♋36'04	19♓ 2	6♌13	19♊ 0	19♈40	28♉27	17♎ 7	25♈30	2♎23	23♑10	28♌40	29♌55	3♓28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n47	14s51	1n 9	22n 2	0n 9	14n12	2s21	0s42	2s13	18n19	0s29	4s21	2n25	9n21	0s27	1n 4	2n 4	34s12	12s43	11n34	11n 7	11s29		n.a.
W 2	23 49	11 54	0 7	21 40	0s 0	14 34	2 19	0 28	2 13	18 22	0 29	4 21	2 25	9 21	0 27	1 3	2 4	34 13	12 43	11 34	11 8	11 28		n.a.
T 3	23 49	8 30	0s56	21 18	0 10	14 56	2 16	0 13	2 13	18 25	0 29	4 21	2 25	9 22	0 27	1 3	2 4	34 13	12 44	11 34	11 9	11 26		n.a.
F 4	23 50	4 46	1 57	20 55	0 19	15 17	2 14	0n 1	2 13	18 28	0 29	4 21	2 25	9 23	0 27	1 3	2 3	34 13	12 44	11 34	11 10	11 25		n.a.
S 5	23 50	0 48	2 53	20 31	0 29	15 38	2 11	0 15	2 13	18 31	0 29	4 22	2 24	9 24	0 27	1 3	2 3	34 14	12 44	11 34	11 12	11 23		n.a.
S 6	23 49	3n16	3 43	20 8	0 39	15 59	2 9	0 29	2 13	18 34	0 28	4 22	2 24	9 24	0 27	1 3	2 3	34 14	12 44	11 34	11 13	11 22		n.a.
M 7	23 48	7 17	4 23	19 44	0 50	16 20	2 6	0 43	2 14	18 38	0 28	4 22	2 24	9 25	0 27	1 3	2 3	34 14	12 44	11 35	11 14	11 20		n.a.
T 8	23 47	11 5	4 51	19 20	1 0	16 40	2 4	0 57	2 14	18 41	0 28	4 23	2 24	9 26	0 27	1 2	2 3	34 15	12 45	11 37	11 15	11 18		n.a.
W 9	23 45	14 28	5 5	18 57	1 11	17 0	2 1	1 11	2 14	18 44	0 28	4 23	2 23	9 26	0 27	1 2	2 3	34 15	12 45	11 40	11 16	11 17		n.a.
T 10	23 43	17 11	5 2	18 33	1 22	17 19	1 58	1 25	2 14	18 47	0 28	4 24	2 23	9 27	0 27	1 2	2 3	34 16	12 45	11 43	11 17	11 15		n.a.
F 11	23 41	18 58	4 41	18 10	1 33	17 39	1 56	1 38	2 14	18 50	0 28	4 24	2 23	9 27	0 27	1 2	2 3	34 16	12 45	11 46	11 18	11 14		n.a.
S 12	23 38	19 35	4 2	17 47	1 44	17 58	1 53	1 52	2 14	18 52	0 28	4 25	2 22	9 28	0 27	1 1	2 3	34 16	12 45	11 49	11 20	11 12		n.a.
S 13	23 34	18 55	3 7	17 25	1 55	18 16	1 50	2 5	2 14	18 55	0 28	4 26	2 22	9 29	0 27	1 1	2 3	34 17	12 45	11 51	11 21	11 11		n.a.
M14	23 31	16 58	1 59	17 3	2 6	18 34	1 47	2 19	2 14	18 58	0 28	4 26	2 22	9 29	0 27	1 1	2 3	34 17	12 45	11 53	11 22	11 9		n.a.
T 15	23 26	13 54	0 42	16 42	2 17	18 52	1 44	2 32	2 14	19 1	0 28	4 27	2 22	9 30	0 27	1 0	2 3	34 17	12 45	11 53	11 23	11 7		n.a.
W16	23 22	10 0	0n36	16 22	2 28	19 9	1 41	2 45	2 14	19 4	0 28	4 28	2 21	9 30	0 27	1 0	2 3	34 18	12 46	11 53	11 24	11 6		n.a.
T 17	23 16	5 33	1 52	16 3	2 39	19 26	1 38	2 58	2 14	19 7	0 28	4 28	2 21	9 31	0 27	1 0	2 3	34 18	12 46	11 53	11 25	11 4		n.a.
F 18	23 11	0 52	2 59	15 45	2 50	19 42	1 35	3 11	2 14	19 9	0 28	4 29	2 21	9 31	0 27	0 59	2 3	34 18	12 46	11 53	11 26	11 3		n.a.
S 19	23 5	3s46	3 55	15 29	3 1	19 58	1 32	3 23	2 14	19 12	0 28	4 30	2 21	9 31	0 27	0 59	2 2	34 19	12 46	11 53	11 28	11 1		n.a.
S 20	22 59	8 8	4 36	15 14	3 11	20 14	1 29	3 36	2 14	19 15	0 28	4 31	2 20	9 32	0 27	0 59	2 2	34 19	12 46	11 53	11 29	10 59		n.a.
M21	22 52	11 59	5 1	15 0	3 21	20 29	1 26	3 49	2 14	19 17	0 28	4 32	2 20	9 32	0 27	0 58	2 2	34 19	12 46	11 54	11 30	10 58		n.a.
T 22	22 45	15 11	5 10	14 49	3 31	20 43	1 22	4 1	2 14	19 20	0 28	4 33	2 20	9 33	0 27	0 58	2 2	34 20	12 46	11 56	11 31	10 56		n.a.
W23	22 37	17 35	5 2	14 39	3 40	20 57	1 19	4 13	2 14	19 23	0 28	4 34	2 19	9 33	0 27	0 57	2 2	34 20	12 46	11 58	11 32	10 55		n.a.
T 24	22 29	19 3	4 40	14 32	3 48	21 11	1 16	4 25	2 14	19 25	0 28	4 35	2 19	9 33	0 27	0 57	2 2	34 20	12 46	12 1	11 33	10 53		n.a.
F 25	22 21	19 35	4 4	14 27	3 56	21 24	1 13	4 37	2 13	19 28	0 27	4 36	2 19	9 34	0 27	0 57	2 2	34 21	12 46	12 3	11 34	10 51		n.a.
S 26	22 12	19 9	3 17	14 24	4 3	21 36	1 9	4 49	2 13	19 30	0 27	4 37	2 19	9 34	0 27	0 56	2 2	34 21	12 46	12 5	11 36	10 50		n.a.
S 27	22 3	17 49	2 22	14 24	4 9	21 48	1 6	5 1	2 13	19 33	0 27	4 38	2 18	9 34	0 27	0 56	2 2	34 21	12 46	12 7	11 37	10 48		n.a.
M28	21 53	15 43	1 21	14 27	4 13	21 59	1 3	5 13	2 13	19 35	0 27	4 39	2 18	9 35	0 28	0 55	2 2	34 22	12 47	12 8	11 38	10 47		n.a.
T 29	21 43	12 58	0 17	14 32	4 16	22 10	0 59	5 24	2 13	19 37	0 27	4 40	2 18	9 35	0 28	0 55	2 2	34 22	12 47	12 8	11 39	10 45		n.a.
W30	21 33	9 43	0s47	14 40	4 18	22 20	0 56	5 35	2 13	19 40	0 27	4 42	2 18	9 35	0 28	0 54	2 2	34 22	12 47	12 8	11 40	10 43		n.a.
T 31	21n22	6s 5	1s49	14n52	4s18	22n29	0s53	5n46	2s12	19n42	0s27	4s43	2n17	9n35	0s28	0n54	2n 2	34s22	12s47	12n 8	11n41	10s42		n.a.

Julian Day Number = 1295357.5, Delta T = 07h55m21s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'36, Lahiri = -20°03'36 Julian Calendar 1 July 1167 BCE == Greg. Calendar 20 June 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

AUGUST 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 53 55	26♋34'24	0♈51	5°R23	20♊11	20♈ 8	28♉37	17♎ 9	25♈31	2♎24	23°R 9	28♌41	29♌52	3♓35	n.a.	F 1
S 2	19 57 52	27°32'47	12°48	4♌28	21°22	20°36	28°47	17°12	25°31	2°25	23♑ 7	28°43	29°48	3°41	n.a.	S 2
S 3	20 1 48	28°31'11	24°58	3°31	22°33	21° 4	28°57	17°15	25°32	2°26	23° 6	28°R44	29°45	3°48	n.a.	S 3
M 4	20 5 45	29°29'38	7♉24	2°30	23°45	21°31	29° 7	17°18	25°32	2°27	23° 5	28°44	29°42	3°55	n.a.	M 4
T 5	20 9 41	0♌28'08	20°12	1°29	24°56	21°58	29°16	17°21	25°33	2°29	23° 3	28°42	29°39	4° 1	n.a.	T 5
W 6	20 13 38	1°26'39	3♊26	0°28	26° 7	22°25	29°26	17°24	25°33	2°30	23° 2	28°40	29°36	4° 8	n.a.	W 6
T 7	20 17 34	2°25'13	17° 6	29♋29	27°19	22°51	29°35	17°27	25°33	2°31	23° 1	28°36	29°32	4°14	n.a.	T 7
F 8	20 21 31	3°23'50	1♋14	28°33	28°30	23°17	29°44	17°31	25°34	2°33	23° 0	28°32	29°29	4°21	n.a.	F 8
S 9	20 25 27	4°22'28	15°45	27°42	29°42	23°43	29°53	17°34	25°34	2°34	22°58	28°29	29°26	4°28	n.a.	S 9
S 10	20 29 24	5°21'09	0♌35	26°56	0♋54	24° 8	0♊ 2	17°38	25°34	2°35	22°57	28°26	29°23	4°34	n.a.	S 10
M11	20 33 21	6°19'52	15°36	26°18	2° 6	24°32	0°11	17°41	25°34	2°37	22°56	28°25	29°20	4°41	n.a.	M11
T 12	20 37 17	7°18'37	0♍39	25°47	3°18	24°56	0°20	17°45	25°34	2°38	22°55	28°D25	29°17	4°48	n.a.	T 12
W13	20 41 14	8°17'23	15°36	25°25	4°30	25°20	0°28	17°49	25°R34	2°40	22°53	28°25	29°13	4°54	n.a.	W13
T 14	20 45 10	9°16'12	0♎19	25°13	5°42	25°43	0°37	17°52	25°34	2°41	22°52	28°26	29°10	5° 1	n.a.	T 14
F 15	20 49 7	10°15'02	14°44	25°D10	6°54	26° 6	0°45	17°56	25°34	2°43	22°51	28°28	29° 7	5° 8	n.a.	F 15
S 16	20 53 3	11°13'55	28°47	25°17	8° 6	26°28	0°54	18° 0	25°34	2°44	22°50	28°29	29° 4	5°14	n.a.	S 16
S 17	20 57 0	12°12'49	12♏29	25°35	9°19	26°50	1° 2	18° 4	25°34	2°46	22°49	28°R29	29° 1	5°21	n.a.	S 17
M18	21 0 56	13°11'45	25°49	26° 1	10°31	27°12	1°10	18° 8	25°33	2°47	22°47	28°28	28°58	5°28	n.a.	M18
T 19	21 4 53	14°10'43	8♐49	26°37	11°44	27°33	1°17	18°13	25°33	2°49	22°46	28°27	28°54	5°34	n.a.	T 19
W20	21 8 49	15° 9'43	21°32	27°22	12°56	27°53	1°25	18°17	25°33	2°51	22°45	28°26	28°51	5°41	n.a.	W20
T 21	21 12 46	16° 8'45	4♑ 1	28°15	14° 9	28°13	1°33	18°21	25°32	2°52	22°44	28°24	28°48	5°48	n.a.	T 21
F 22	21 16 43	17° 7'49	16°17	29°15	15°22	28°32	1°40	18°26	25°32	2°54	22°43	28°22	28°45	5°54	n.a.	F 22
S 23	21 20 39	18° 6'55	28°24	0♌23	16°34	28°51	1°47	18°30	25°31	2°56	22°42	28°21	28°42	6° 1	n.a.	S 23
S 24	21 24 36	19° 6'03	10♒22	1°37	17°47	29° 9	1°54	18°35	25°31	2°57	22°41	28°20	28°38	6° 7	n.a.	S 24
M25	21 28 32	20° 5'13	22°15	2°56	19° 0	29°27	2° 1	18°39	25°30	2°59	22°39	28°19	28°35	6°14	n.a.	M25
T 26	21 32 29	21° 4'26	4♓ 3	4°21	20°13	29°44	2° 8	18°44	25°30	3° 1	22°38	28°D19	28°32	6°21	n.a.	T 26
W27	21 36 25	22° 3'40	15°51	5°49	21°27	0♉ 1	2°15	18°49	25°29	3° 3	22°37	28°20	28°29	6°27	n.a.	W27
T 28	21 40 22	23° 2'57	27°39	7°21	22°40	0°17	2°22	18°54	25°28	3° 5	22°36	28°20	28°26	6°34	n.a.	T 28
F 29	21 44 18	24° 2'16	9♈31	8°56	23°53	0°32	2°28	18°58	25°27	3° 6	22°35	28°21	28°23	6°41	n.a.	F 29
S 30	21 48 15	25° 1'37	21°31	10°34	25° 7	0°47	2°34	19° 3	25°26	3° 8	22°34	28°21	28°19	6°47	n.a.	S 30
S 31	21 52 12	26♌ 1'01	3♉41	12♌14	26♋20	1♉ 1	2♊40	19♎ 8	25♈26	3♎10	22♑33	28♌22	28♌16	6♓54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n11	2s13	2s48	15n 6	4s16	22n38	0s49	5n58	2s12	19n44	0s27	4s44	2n17	9n36	0s28	0n53	2n 2	34s23	12s47	12n 7	11n42	10s40		n.a.
S 2	21 0	1n47	3 39	15 22	4 12	22 47	0 46	6 8	2 12	19 47	0 27	4 46	2 17	9 36	0 28	0 53	2 2	34 23	12 47	12 7	11 43	10 39		n.a.
S 3	20 48	5 46	4 22	15 41	4 7	22 54	0 43	6 19	2 12	19 49	0 27	4 47	2 17	9 36	0 28	0 52	2 2	34 23	12 47	12 6	11 45	10 37		n.a.
M 4	20 35	9 36	4 53	16 3	3 59	23 1	0 39	6 30	2 12	19 51	0 27	4 48	2 16	9 36	0 28	0 52	2 1	34 23	12 47	12 6	11 46	10 35		n.a.
T 5	20 23	13 6	5 11	16 26	3 49	23 8	0 36	6 40	2 11	19 53	0 27	4 50	2 16	9 36	0 28	0 51	2 1	34 24	12 47	12 7	11 47	10 34		n.a.
W 6	20 10	16 3	5 13	16 50	3 38	23 14	0 33	6 50	2 11	19 55	0 27	4 51	2 16	9 36	0 28	0 50	2 1	34 24	12 47	12 8	11 48	10 32		n.a.
T 7	19 56	18 15	4 58	17 16	3 24	23 19	0 29	7 1	2 11	19 57	0 27	4 53	2 16	9 37	0 28	0 50	2 1	34 24	12 47	12 9	11 49	10 30		n.a.
F 8	19 43	19 25	4 25	17 42	3 9	23 23	0 26	7 11	2 10	19 59	0 27	4 54	2 15	9 37	0 28	0 49	2 1	34 24	12 47	12 10	11 50	10 29		n.a.
S 9	19 29	19 21	3 34	18 8	2 53	23 27	0 23	7 20	2 10	20 1	0 27	4 56	2 15	9 37	0 28	0 49	2 1	34 25	12 47	12 12	11 51	10 27		n.a.
S 10	19 14	17 57	2 28	18 34	2 36	23 30	0 20	7 30	2 10	20 3	0 27	4 57	2 15	9 37	0 28	0 48	2 1	34 25	12 47	12 13	11 53	10 25		n.a.
M11	19 0	15 18	1 10	19 0	2 17	23 33	0 16	7 40	2 9	20 5	0 27	4 59	2 15	9 37	0 28	0 47	2 1	34 25	12 47	12 13	11 54	10 24		n.a.
T 12	18 45	11 37	0n12	19 24	1 58	23 34	0 13	7 49	2 9	20 7	0 27	5 0	2 14	9 37	0 28	0 47	2 1	34 25	12 47	12 13	11 55	10 22		n.a.
W13	18 29	7 12	1 34	19 47	1 39	23 35	0 10	7 58	2 8	20 9	0 27	5 2	2 14	9 37	0 28	0 46	2 1	34 25	12 46	12 13	11 56	10 20		n.a.
T 14	18 14	2 25	2 48	20 8	1 20	23 36	0 7	8 7	2 8	20 11	0 27	5 4	2 14	9 37	0 28	0 46	2 1	34 25	12 46	12 13	11 57	10 19		n.a.
F 15	17 58	2s23	3 49	20 27	1 1	23 36	0 3	8 16	2 8	20 13	0 26	5 6	2 14	9 37	0 28	0 45	2 1	34 26	12 46	12 12	11 58	10 17		n.a.
S 16	17 41	6 56	4 35	20 44	0 43	23 35	0 0	8 24	2 7	20 14	0 26	5 7	2 14	9 37	0 28	0 44	2 1	34 26	12 46	12 12	11 59	10 15		n.a.
S 17	17 25	11 0	5 5	20 58	0 25	23 33	0n 3	8 33	2 7	20 16	0 26	5 9	2 13	9 37	0 28	0 44	2 1	34 26	12 46	12 12	12 0	10 14		n.a.
M18	17 8	14 24	5 16	21 10	0 8	23 30	0 6	8 41	2 6	20 18	0 26	5 11	2 13	9 36	0 28	0 43	2 1	34 26	12 46	12 12	12 2	10 12		n.a.
T 19	16 51	17 0	5 12	21 18	0n 8	23 27	0 9	8 49	2 6	20 20	0 26	5 13	2 13	9 36	0 28	0 42	2 1	34 26	12 46	12 12	12 3	10 10		n.a.
W20	16 33	18 42	4 52	21 24	0 23	23 23	0 12	8 57	2 5	20 21	0 26	5 15	2 13	9 36	0 28	0 41	2 1	34 26	12 46	12 13	12 4	10 9		n.a.
T 21	16 15	19 28	4 18	21 27	0 37	23 19	0 15	9 5	2 5	20 23	0 26	5 16	2 12	9 36	0 28	0 41	2 1	34 27	12 46	12 13	12 5	10 7		n.a.
F 22	15 57	19 18	3 33	21 27	0 50	23 14	0 18	9 12	2 4	20 24	0 26	5 18	2 12	9 36	0 28	0 40	2 1	34 27	12 46	12 14	12 6	10 5		n.a.
S 23	15 39	18 14	2 39	21 23	1 1	23 8	0 21	9 20	2 3	20 26	0 26	5 20	2 12	9 36	0 28	0 39	2 0	34 27	12 46	12 14	12 7	10 4		n.a.
S 24	15 20	16 21	1 38	21 17	1 11	23 1	0 24	9 27	2 3	20 27	0 26	5 22	2 12	9 35	0 28	0 39	2 0	34 27	12 46	12 15	12 8	10 2		n.a.
M25	15 2	13 48	0 34	21 7	1 20	22 54	0 27	9 34	2 2	20 29	0 26	5 24	2 12	9 35	0 28	0 38	2 0	34 27	12 46	12 15	12 9	10 0		n.a.
T 26	14 42	10 40	0s32	20 55	1 28	22 46	0 30	9 40	2 1	20 30	0 26	5 26	2 11	9 35	0 28	0 37	2 0	34 27	12 45	12 15	12 11	9 59		n.a.
W27	14 23	7 8	1 36	20 40	1 35	22 37	0 32	9 47	2 1	20 32	0 26	5 28	2 11	9 35	0 28	0 36	2 0	34 27	12 45	12 15	12 12	9 57		n.a.
T 28	14 3	3 20	2 36	20 21	1 41	22 28	0 35	9 53	2 0	20 33	0 26	5 30	2 11	9 34	0 28	0 35	2 0	34 27	12 45	12 15	12 13	9 55		n.a.
F 29	13 44	0n38	3 30	20 1	1 45	22 18	0 38	9 59	1 59	20 34	0 26	5 32	2 11	9 34	0 28	0 35	2 0	34 27	12 45	12 14	12 14	9 54		n.a.
S 30	13 23	4 35	4 15	19 37	1 49	22 7	0 40	10 5	1 58	20 36	0 26	5 34	2 11	9 34	0 28	0 34	2 0	34 27	12 45	12 14	12 15	9 52		n.a.
S 31	13n 3	8n25	4s49	19n12	1n52	21n56	0n43	10n11	1s58	20n37	0s26	5s36	2n10	9n33	0s28	0n33	2n 0	34s27	12s45	12n14	12n16	9s50		n.a.

Julian Day Number = 1295388.5, Delta T = 07h55m20s
Ecliptic obliquity = 23°49'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'32, Lahiri = -20°03'32 Julian Calendar 1 Aug. 1167 BCE == Greg. Calendar 21 July 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

SEPTEMBER 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 56 8	27♌ 0'28	16♉ 6	13♌55	27♋33	1♉15	2♊46	19♎14	25°R25	3♎12	22°R32	28♌22	28♌13	7♓ 1	n.a.	M 1
T 2	22 0 5	27°59'57	28°50	15°37	28°47	1°28	2°52	19°19	25♈24	3°14	22♑31	28°22	28°10	7° 7	n.a.	T 2
W 3	22 4 1	28°59'28	11♊56	17°21	0♌ 1	1°40	2°57	19°24	25°23	3°16	22°30	28°22	28° 7	7°14	n.a.	W 3
T 4	22 7 58	29°59'02	25°28	19° 5	1°14	1°51	3° 3	19°29	25°21	3°18	22°29	28°22	28° 3	7°21	n.a.	T 4
F 5	22 11 54	0♍58'38	9♋27	20°49	2°28	2° 2	3° 8	19°34	25°20	3°20	22°28	28°22	28° 0	7°27	n.a.	F 5
S 6	22 15 51	1°58'17	23°52	22°34	3°42	2°12	3°13	19°40	25°19	3°22	22°27	28°22	27°57	7°34	n.a.	S 6
S 7	22 19 47	2°57'58	8♌39	24°19	4°56	2°22	3°18	19°45	25°18	3°24	22°26	28°23	27°54	7°41	n.a.	S 7
M 8	22 23 44	3°57'41	23°44	26° 3	6°10	2°30	3°23	19°51	25°17	3°26	22°25	28°R23	27°51	7°47	n.a.	M 8
T 9	22 27 40	4°57'27	8♍56	27°48	7°24	2°38	3°28	19°56	25°15	3°28	22°24	28°23	27°48	7°54	n.a.	T 9
W10	22 31 37	5°57'14	24° 8	29°32	8°38	2°45	3°32	20° 2	25°14	3°30	22°24	28°22	27°44	8° 0	n.a.	W10
T 11	22 35 34	6°57'04	9♎ 8	1♍16	9°52	2°51	3°36	20° 8	25°12	3°32	22°23	28°22	27°41	8° 7	n.a.	T 11
F 12	22 39 30	7°56'55	23°50	2°59	11° 6	2°57	3°40	20°13	25°11	3°34	22°22	28°20	27°38	8°14	n.a.	F 12
S 13	22 43 27	8°56'49	8♏ 8	4°42	12°21	3° 2	3°44	20°19	25°10	3°36	22°21	28°19	27°35	8°20	n.a.	S 13
S 14	22 47 23	9°56'44	21°59	6°25	13°35	3° 5	3°48	20°25	25° 8	3°38	22°20	28°18	27°32	8°27	n.a.	S 14
M15	22 51 20	10°56'41	5♐23	8° 6	14°49	3° 8	3°51	20°31	25° 6	3°40	22°19	28°D18	27°29	8°34	n.a.	M15
T 16	22 55 16	11°56'40	18°22	9°48	16° 4	3°11	3°55	20°37	25° 5	3°42	22°19	28°18	27°25	8°40	n.a.	T 16
W17	22 59 13	12°56'40	0♑59	11°29	17°18	3°12	3°58	20°43	25° 3	3°44	22°18	28°18	27°22	8°47	n.a.	W17
T 18	23 3 9	13°56'43	13°19	13° 9	18°33	3°R13	4° 1	20°49	25° 1	3°47	22°17	28°20	27°19	8°54	n.a.	T 18
F 19	23 7 6	14°56'47	25°26	14°49	19°47	3°13	4° 4	20°55	25° 0	3°49	22°17	28°21	27°16	9° 0	n.a.	F 19
S 20	23 11 2	15°56'53	7♒23	16°28	21° 2	3°11	4° 6	21° 1	24°58	3°51	22°16	28°23	27°13	9° 7	n.a.	S 20
S 21	23 14 59	16°57'01	19°14	18° 7	22°16	3° 9	4° 8	21° 7	24°56	3°53	22°15	28°24	27° 9	9°14	n.a.	S 21
M22	23 18 56	17°57'10	1♓ 2	19°45	23°31	3° 7	4°11	21°13	24°54	3°55	22°15	28°R24	27° 6	9°20	n.a.	M22
T 23	23 22 52	18°57'22	12°50	21°22	24°46	3° 3	4°13	21°20	24°52	3°57	22°14	28°23	27° 3	9°27	n.a.	T 23
W24	23 26 49	19°57'35	24°39	23° 0	26° 0	2°58	4°15	21°26	24°50	4° 0	22°13	28°21	27° 0	9°34	n.a.	W24
T 25	23 30 45	20°57'50	6♈33	24°36	27°15	2°53	4°16	21°32	24°48	4° 2	22°13	28°18	26°57	9°40	n.a.	T 25
F 26	23 34 42	21°58'08	18°33	26°12	28°30	2°47	4°18	21°39	24°46	4° 4	22°12	28°14	26°54	9°47	n.a.	F 26
S 27	23 38 38	22°58'27	0♉40	27°48	29°45	2°39	4°19	21°45	24°44	4° 6	22°12	28°10	26°50	9°53	n.a.	S 27
S 28	23 42 35	23°58'48	12°58	29°24	1♍ 0	2°31	4°20	21°51	24°42	4° 8	22°11	28° 6	26°47	10° 0	n.a.	S 28
M29	23 46 31	24°59'12	25°28	0♎59	2°15	2°22	4°21	21°58	24°40	4°11	22°11	28° 2	26°44	10° 7	n.a.	M29
T 30	23 50 28	25♍59'37	8♊12	2♎33	3♍30	2♉13	4♊21	22♎ 4	24♈38	4♎13	22♑10	28♌ 0	26♌41	10♓13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n43	11n58	5s11	18n44	1n54	21n44	0n45	10n17	1s57	20n38	0s26	5s39	2n10	9n33	0s28	0n32	2n 0	34s28	12s45	12n14	12n17	9s49		n.a.
T 2	12 22	15 3	5 18	18 14	1 55	21 31	0 48	10 22	1 56	20 39	0 26	5 41	2 10	9 33	0 28	0 32	2 0	34 28	12 45	12 14	12 18	9 47		n.a.
W 3	12 1	17 29	5 9	17 43	1 55	21 18	0 50	10 27	1 55	20 40	0 26	5 43	2 10	9 32	0 28	0 31	2 0	34 28	12 44	12 14	12 19	9 45		n.a.
T 4	11 40	19 2	4 43	17 10	1 55	21 4	0 53	10 32	1 54	20 42	0 26	5 45	2 10	9 32	0 28	0 30	2 0	34 28	12 44	12 14	12 21	9 43		n.a.
F 5	11 18	19 30	4 0	16 35	1 54	20 49	0 55	10 37	1 53	20 43	0 26	5 47	2 9	9 31	0 28	0 29	2 0	34 28	12 44	12 14	12 22	9 42		n.a.
S 6	10 57	18 43	3 1	15 59	1 52	20 34	0 57	10 41	1 52	20 44	0 25	5 50	2 9	9 31	0 28	0 28	2 0	34 28	12 44	12 14	12 23	9 40		n.a.
S 7	10 35	16 40	1 48	15 22	1 50	20 18	0 59	10 45	1 51	20 45	0 25	5 52	2 9	9 30	0 28	0 27	2 0	34 28	12 44	12 14	12 24	9 38		n.a.
M 8	10 13	13 25	0 26	14 43	1 48	20 2	1 1	10 49	1 50	20 46	0 25	5 54	2 9	9 30	0 28	0 27	2 0	34 28	12 44	12 14	12 25	9 37		n.a.
T 9	9 51	9 15	0n58	14 4	1 45	19 45	1 3	10 53	1 49	20 47	0 25	5 56	2 9	9 29	0 28	0 26	2 0	34 28	12 43	12 14	12 26	9 35		n.a.
W10	9 29	4 29	2 18	13 24	1 41	19 27	1 5	10 57	1 48	20 47	0 25	5 59	2 9	9 29	0 28	0 25	2 0	34 28	12 43	12 14	12 27	9 33		n.a.
T 11	9 6	0s30	3 28	12 43	1 37	19 9	1 7	11 0	1 46	20 48	0 25	6 1	2 8	9 28	0 28	0 24	2 0	34 28	12 43	12 14	12 28	9 31		n.a.
F 12	8 44	5 21	4 22	12 1	1 33	18 50	1 9	11 3	1 45	20 49	0 25	6 3	2 8	9 28	0 28	0 23	2 0	34 28	12 43	12 15	12 29	9 30		n.a.
S 13	8 21	9 45	4 58	11 19	1 29	18 31	1 11	11 6	1 44	20 50	0 25	6 6	2 8	9 27	0 28	0 22	2 0	34 28	12 43	12 15	12 31	9 28		n.a.
S 14	7 58	13 29	5 16	10 36	1 24	18 11	1 13	11 8	1 43	20 51	0 25	6 8	2 8	9 27	0 28	0 21	2 0	34 27	12 42	12 15	12 32	9 26		n.a.
M15	7 35	16 23	5 15	9 53	1 19	17 50	1 14	11 11	1 41	20 51	0 25	6 10	2 8	9 26	0 28	0 21	2 0	34 27	12 42	12 16	12 33	9 25		n.a.
T 16	7 12	18 22	4 58	9 9	1 14	17 29	1 16	11 13	1 40	20 52	0 25	6 13	2 8	9 25	0 28	0 20	2 0	34 27	12 42	12 16	12 34	9 23		n.a.
W17	6 48	19 22	4 27	8 25	1 8	17 8	1 18	11 14	1 39	20 53	0 25	6 15	2 7	9 25	0 28	0 19	2 0	34 27	12 42	12 15	12 35	9 21		n.a.
T 18	6 25	19 26	3 45	7 41	1 2	16 46	1 19	11 16	1 37	20 53	0 25	6 18	2 7	9 24	0 28	0 18	2 0	34 27	12 42	12 15	12 36	9 19		n.a.
F 19	6 1	18 34	2 53	6 57	0 57	16 23	1 20	11 17	1 36	20 54	0 25	6 20	2 7	9 24	0 28	0 17	2 0	34 27	12 41	12 14	12 37	9 18		n.a.
S 20	5 38	16 54	1 54	6 12	0 51	16 1	1 22	11 18	1 34	20 55	0 25	6 23	2 7	9 23	0 28	0 16	2 0	34 27	12 41	12 14	12 38	9 16		n.a.
S 21	5 14	14 30	0 51	5 27	0 45	15 37	1 23	11 19	1 33	20 55	0 25	6 25	2 7	9 22	0 28	0 15	2 0	34 27	12 41	12 14	12 39	9 14		n.a.
M22	4 50	11 31	0s15	4 43	0 38	15 13	1 24	11 20	1 31	20 55	0 25	6 27	2 7	9 22	0 28	0 14	2 0	34 27	12 41	12 13	12 41	9 12		n.a.
T 23	4 26	8 4	1 19	3 58	0 32	14 49	1 25	11 20	1 29	20 56	0 25	6 30	2 7	9 21	0 28	0 14	2 0	34 27	12 41	12 14	12 42	9 11		n.a.
W24	4 2	4 18	2 20	3 13	0 26	14 24	1 26	11 20	1 28	20 56	0 25	6 32	2 6	9 20	0 28	0 13	1 59	34 27	12 40	12 14	12 43	9 9		n.a.
T 25	3 38	0 20	3 15	2 28	0 19	13 59	1 27	11 20	1 26	20 57	0 24	6 35	2 6	9 19	0 28	0 12	1 59	34 27	12 40	12 15	12 44	9 7		n.a.
F 26	3 14	3n39	4 2	1 44	0 13	13 34	1 28	11 19	1 24	20 57	0 24	6 38	2 6	9 19	0 28	0 11	1 59	34 26	12 40	12 17	12 45	9 5		n.a.
S 27	2 50	7 33	4 39	0 59	0 6	13 8	1 29	11 19	1 22	20 57	0 24	6 40	2 6	9 18	0 28	0 10	1 59	34 26	12 40	12 18	12 46	9 4		n.a.
S 28	2 26	11 10	5 3	0 14	0s 0	12 41	1 30	11 18	1 20	20 58	0 24	6 43	2 6	9 17	0 28	0 9	1 59	34 26	12 39	12 20	12 47	9 2		n.a.
M29	2 1	14 22	5 14	0s30	0 7	12 15	1 30	11 16	1 18	20 58	0 24	6 45	2 6	9 16	0 28	0 8	1 59	34 26	12 39	12 21	12 48	9 0		n.a.
T 30	1n37	16n57	5s 9	1s14	0s13	11n48	1n31	11n15	1s16	20n58	0s24	6s48	2n 6	9n16	0s28	0n 7	1n59	34s26	12s39	12n22	12n49	8s58		n.a.

Julian Day Number = 1295419.5, Delta T = 07h55m18s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'28, Lahiri = -20°03'27 Julian Calendar 1 Sept. 1167 BCE == Greg. Calendar 21 Aug. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

OCTOBER 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 54 25	27♍ 0'05	21♊15	4♎ 7	4♍45	2°R 2	4♊22	22♎11	24°R36	4♎15	22°R10	27°D58	26♌38	10♓20	n.a.	W 1
T 2	23 58 21	28° 0'34	4♋38	5°41	6° 0	1♉50	4°22	22°17	24♈34	4°17	22♑10	27♌58	26°34	10°27	n.a.	T 2
F 3	0 2 18	29° 1'06	18°23	7°15	7°15	1°38	4°R22	22°24	24°32	4°20	22° 9	27°59	26°31	10°33	n.a.	F 3
S 4	0 6 14	0♎ 1'40	2♌32	8°48	8°30	1°25	4°22	22°31	24°29	4°22	22° 9	28° 1	26°28	10°40	n.a.	S 4
S 5	0 10 11	1° 2'16	17° 3	10°21	9°45	1°11	4°22	22°37	24°27	4°24	22° 9	28° 2	26°25	10°47	n.a.	S 5
M 6	0 14 7	2° 2'53	1♍54	11°53	11° 0	0°56	4°21	22°44	24°25	4°26	22° 8	28°R 3	26°22	10°53	n.a.	M 6
T 7	0 18 4	3° 3'33	16°58	13°25	12°16	0°40	4°20	22°51	24°23	4°29	22° 8	28° 1	26°19	11° 0	n.a.	T 7
W 8	0 22 0	4° 4'14	2♎ 7	14°57	13°31	0°24	4°19	22°57	24°20	4°31	22° 8	27°58	26°15	11° 7	n.a.	W 8
T 9	0 25 57	5° 4'57	17°11	16°29	14°46	0° 7	4°18	23° 4	24°18	4°33	22° 7	27°53	26°12	11°13	n.a.	T 9
F 10	0 29 53	6° 5'41	2♏ 2	18° 0	16° 1	29♈49	4°17	23°11	24°16	4°35	22° 7	27°48	26° 9	11°20	n.a.	F 10
S 11	0 33 50	7° 6'27	16°30	19°31	17°17	29°31	4°15	23°18	24°13	4°38	22° 7	27°41	26° 6	11°27	n.a.	S 11
S 12	0 37 47	8° 7'14	0♐32	21° 2	18°32	29°11	4°13	23°25	24°11	4°40	22° 7	27°35	26° 3	11°33	n.a.	S 12
M13	0 41 43	9° 8'02	14° 4	22°33	19°47	28°52	4°11	23°32	24° 8	4°42	22° 7	27°31	26° 0	11°40	n.a.	M13
T 14	0 45 40	10° 8'51	27° 9	24° 3	21° 3	28°32	4° 9	23°38	24° 6	4°44	22° 7	27°28	25°56	11°47	n.a.	T 14
W15	0 49 36	11° 9'42	9♑49	25°32	22°18	28°11	4° 7	23°45	24° 3	4°47	22° 7	27°D27	25°53	11°53	n.a.	W15
T 16	0 53 33	12°10'34	22° 8	27° 2	23°34	27°50	4° 4	23°52	24° 1	4°49	22° 7	27°28	25°50	12° 0	n.a.	T 16
F 17	0 57 29	13°11'27	4♒11	28°31	24°49	27°28	4° 2	23°59	23°59	4°51	22°D 7	27°29	25°47	12° 6	n.a.	F 17
S 18	1 1 26	14°12'21	16° 4	29°59	26° 4	27° 6	3°59	24° 6	23°56	4°53	22° 7	27°30	25°44	12°13	n.a.	S 18
S 19	1 5 22	15°13'16	27°52	1♏28	27°20	26°44	3°55	24°13	23°54	4°56	22° 7	27°R31	25°40	12°20	n.a.	S 19
M20	1 9 19	16°14'12	9♓39	2°55	28°35	26°21	3°52	24°20	23°51	4°58	22° 7	27°30	25°37	12°26	n.a.	M20
T 21	1 13 16	17°15'09	21°28	4°22	29°51	25°58	3°49	24°27	23°49	5° 0	22° 7	27°27	25°34	12°33	n.a.	T 21
W22	1 17 12	18°16'07	3♈22	5°49	1♎ 6	25°35	3°45	24°34	23°46	5° 2	22° 7	27°22	25°31	12°40	n.a.	W22
T 23	1 21 9	19°17'06	15°25	7°14	2°22	25°12	3°41	24°41	23°44	5° 4	22° 7	27°14	25°28	12°46	n.a.	T 23
F 24	1 25 5	20°18'06	27°37	8°39	3°37	24°48	3°37	24°48	23°41	5° 7	22° 7	27° 4	25°25	12°53	n.a.	F 24
S 25	1 29 2	21°19'08	9♉59	10° 2	4°53	24°25	3°33	24°55	23°38	5° 9	22° 7	26°53	25°21	13° 0	n.a.	S 25
S 26	1 32 58	22°20'11	22°31	11°25	6° 8	24° 1	3°28	25° 2	23°36	5°11	22° 8	26°43	25°18	13° 6	n.a.	S 26
M27	1 36 55	23°21'14	5♊15	12°46	7°24	23°38	3°24	25° 9	23°33	5°13	22° 8	26°33	25°15	13°13	n.a.	M27
T 28	1 40 51	24°22'20	18°11	14° 5	8°39	23°15	3°19	25°16	23°31	5°15	22° 8	26°26	25°12	13°20	n.a.	T 28
W29	1 44 48	25°23'26	1♋19	15°23	9°55	22°52	3°14	25°23	23°28	5°17	22° 8	26°20	25° 9	13°26	n.a.	W29
T 30	1 48 45	26°24'33	14°42	16°38	11°10	22°29	3° 9	25°30	23°26	5°20	22° 9	26°18	25° 6	13°33	n.a.	T 30
F 31	1 52 41	27♎25'42	28♋20	17♏51	12♎26	22♈ 6	3♊ 4	25♎37	23♈23	5♎22	22♑ 9	26°D17	25♌ 2	13♓40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n13	18n44	4s49	1s58	0s20	11n20	1n31	11n13	1s14	20n58	0s24	6s50	2n 6	9n15	0s28	0n 6	1n59	34s26	12s39	12n22	12n50	8s57			n.a.
T 2	0 48	19 33	4 12	2 42	0 27	10 53	1 32	11 11	1 12	20 58	0 24	6 53	2 5	9 14	0 28	0 5	1 59	34 25	12 38	12 22	12 52	8 55			n.a.
F 3	0 24	19 14	3 20	3 25	0 33	10 25	1 32	11 8	1 10	20 58	0 24	6 55	2 5	9 13	0 28	0 4	1 59	34 25	12 38	12 22	12 53	8 53			n.a.
S 4	0s 1	17 43	2 15	4 9	0 39	9 57	1 33	11 6	1 8	20 58	0 24	6 58	2 5	9 12	0 28	0 4	1 59	34 25	12 38	12 21	12 54	8 51			n.a.
S 5	0 25	15 2	1 0	4 52	0 46	9 28	1 33	11 3	1 6	20 58	0 24	7 1	2 5	9 11	0 28	0 3	1 59	34 25	12 38	12 21	12 55	8 50			n.a.
M 6	0 50	11 18	0n21	5 34	0 52	8 59	1 33	11 0	1 3	20 58	0 24	7 3	2 5	9 11	0 28	0 2	1 59	34 25	12 37	12 21	12 56	8 48			n.a.
T 7	1 14	6 47	1 42	6 17	0 58	8 30	1 33	10 57	1 1	20 58	0 24	7 6	2 5	9 10	0 28	0 1	1 59	34 24	12 37	12 21	12 57	8 46			n.a.
W 8	1 39	1 49	2 55	6 59	1 5	8 1	1 33	10 53	0 59	20 58	0 24	7 8	2 5	9 9	0 28	0s 0	1 59	34 24	12 37	12 22	12 58	8 44			n.a.
T 9	2 3	3s14	3 56	7 40	1 11	7 31	1 33	10 49	0 56	20 58	0 24	7 11	2 5	9 8	0 28	0 1	1 59	34 24	12 37	12 24	12 59	8 42			n.a.
F 10	2 28	8 0	4 40	8 21	1 17	7 1	1 33	10 45	0 54	20 58	0 23	7 14	2 5	9 7	0 28	0 2	1 59	34 24	12 36	12 26	13 0	8 41			n.a.
S 11	2 52	12 11	5 5	9 2	1 22	6 31	1 33	10 41	0 51	20 58	0 23	7 16	2 5	9 6	0 28	0 3	1 59	34 24	12 36	12 28	13 1	8 39			n.a.
S 12	3 16	15 32	5 10	9 42	1 28	6 1	1 32	10 36	0 49	20 57	0 23	7 19	2 4	9 5	0 28	0 4	1 59	34 23	12 36	12 30	13 3	8 37			n.a.
M13	3 41	17 56	4 58	10 21	1 34	5 31	1 32	10 32	0 46	20 57	0 23	7 22	2 4	9 4	0 28	0 5	1 59	34 23	12 36	12 32	13 4	8 35			n.a.
T 14	4 5	19 18	4 30	11 0	1 39	5 0	1 32	10 27	0 44	20 57	0 23	7 24	2 4	9 3	0 28	0 5	1 59	34 23	12 35	12 33	13 5	8 33			n.a.
W15	4 29	19 38	3 50	11 39	1 44	4 30	1 31	10 22	0 41	20 56	0 23	7 27	2 4	9 3	0 28	0 6	1 59	34 23	12 35	12 33	13 6	8 32			n.a.
T 16	4 53	19 1	3 0	12 16	1 49	3 59	1 31	10 16	0 39	20 56	0 23	7 29	2 4	9 2	0 28	0 7	1 59	34 22	12 35	12 33	13 7	8 30			n.a.
F 17	5 17	17 32	2 3	12 53	1 54	3 28	1 30	10 11	0 36	20 55	0 23	7 32	2 4	9 1	0 28	0 8	1 59	34 22	12 35	12 33	13 8	8 28			n.a.
S 18	5 41	15 18	1 2	13 29	1 58	2 57	1 29	10 5	0 33	20 55	0 23	7 35	2 4	9 0	0 28	0 9	1 59	34 22	12 34	12 32	13 9	8 26			n.a.
S 19	6 5	12 26	0s 2	14 5	2 2	2 26	1 29	10 0	0 31	20 54	0 23	7 37	2 4	8 59	0 28	0 10	1 59	34 22	12 34	12 32	13 10	8 24			n.a.
M20	6 29	9 5	1 5	14 39	2 6	1 55	1 28	9 54	0 28	20 54	0 23	7 40	2 4	8 58	0 28	0 11	1 59	34 21	12 34	12 32	13 11	8 23			n.a.
T 21	6 53	5 21	2 6	15 13	2 10	1 23	1 27	9 48	0 25	20 53	0 23	7 43	2 4	8 57	0 28	0 12	1 59	34 21	12 33	12 33	13 12	8 21			n.a.
W22	7 17	1 24	3 1	15 46	2 13	0 52	1 26	9 42	0 22	20 53	0 23	7 45	2 4	8 56	0 28	0 13	2 0	34 21	12 33	12 35	13 13	8 19			n.a.
T 23	7 40	2n40	3 49	16 17	2 16	0 21	1 25	9 36	0 20	20 52	0 22	7 48	2 4	8 55	0 28	0 13	2 0	34 20	12 33	12 38	13 15	8 17			n.a.
F 24	8 4	6 39	4 26	16 48	2 19	0s11	1 24	9 30	0 17	20 51	0 22	7 51	2 4	8 54	0 28	0 14	2 0	34 20	12 33	12 41	13 16	8 15			n.a.
S 25	8 27	10 26	4 52	17 17	2 21	0 42	1 23	9 24	0 14	20 51	0 22	7 53	2 4	8 53	0 28	0 15	2 0	34 20	12 32	12 45	13 17	8 14			n.a.
S 26	8 50	13 48	5 4	17 45	2 22	1 14	1 22	9 17	0 11	20 50	0 22	7 56	2 4	8 52	0 28	0 16	2 0	34 20	12 32	12 49	13 18	8 12			n.a.
M27	9 13	16 35	5 2	18 12	2 23	1 45	1 21	9 11	0 9	20 49	0 22	7 58	2 4	8 51	0 28	0 17	2 0	34 19	12 32	12 52	13 19	8 10			n.a.
T 28	9 36	18 35	4 44	18 37	2 24	2 17	1 19	9 5	0 6	20 48	0 22	8 1	2 3	8 50	0 28	0 18	2 0	34 19	12 32	12 55	13 20	8 8			n.a.
W29	9 59	19 39	4 11	19 0	2 24	2 48	1 18	8 59	0 3	20 47	0 22	8 4	2 3	8 49	0 28	0 19	2 0	34 19	12 31	12 57	13 21	8 6			n.a.
T 30	10 21	19 38	3 23	19 22	2 23	3 19	1 16	8 53	0 0	20 46	0 22	8 6	2 3	8 49	0 28	0 19	2 0	34 18	12 31	12 57	13 22	8 4			n.a.
F 31	10s44	18n29	2s24	19s42	2s22	3s50	1n15	8n47	0n 2	20n46	0s22	8s 9	2n 3	8n48	0s28	0s20	2n 0	34s18	12s31	12n58	13n23	8s 3			n.a.

Julian Day Number = 1295449.5, Delta T = 07h55m16s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'24, Lahiri = -20°03'23 Julian Calendar 1 Oct. 1167 BCE == Greg. Calendar 20 Sept. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

NOVEMBER 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 38	28♎26'52	12♌14	19♏ 1	13♎41	21°R43	2°R58	25♎44	23°R21	5♎24	22♑ 9	26♌17	24♌59	13♓46	n.a.	S 1
S 2	2 0 34	29°28'03	26°27	20° 8	14°57	21♈21	2♊53	25°51	23♈18	5°26	22°10	26°R18	24°56	13°53	n.a.	S 2
M 3	2 4 31	0♏29'15	10♍55	21°11	16°13	21° 0	2°47	25°58	23°16	5°28	22°10	26°17	24°53	14° 0	n.a.	M 3
T 4	2 8 27	1°30'28	25°36	22° 9	17°28	20°38	2°41	26° 5	23°13	5°30	22°11	26°14	24°50	14° 6	n.a.	T 4
W 5	2 12 24	2°31'41	10♎26	23° 3	18°44	20°18	2°35	26°12	23°11	5°32	22°11	26° 8	24°46	14°13	n.a.	W 5
T 6	2 16 20	3°32'56	25°16	23°51	19°59	19°57	2°29	26°19	23° 8	5°34	22°12	25°59	24°43	14°20	n.a.	T 6
F 7	2 20 17	4°34'11	9♏57	24°32	21°15	19°37	2°22	26°26	23° 6	5°36	22°12	25°48	24°40	14°26	n.a.	F 7
S 8	2 24 14	5°35'27	24°23	25° 6	22°31	19°18	2°16	26°33	23° 3	5°38	22°13	25°37	24°37	14°33	n.a.	S 8
S 9	2 28 10	6°36'43	8♐26	25°31	23°46	19° 0	2° 9	26°39	23° 1	5°40	22°13	25°26	24°34	14°39	n.a.	S 9
M10	2 32 7	7°38'00	22° 3	25°48	25° 2	18°42	2° 2	26°46	22°58	5°42	22°14	25°16	24°31	14°46	n.a.	M10
T 11	2 36 3	8°39'17	5♑12	25°R54	26°17	18°25	1°56	26°53	22°56	5°44	22°14	25° 9	24°27	14°53	n.a.	T 11
W12	2 40 0	9°40'34	17°56	25°50	27°33	18° 8	1°49	27° 0	22°53	5°46	22°15	25° 5	24°24	14°59	n.a.	W12
T 13	2 43 56	10°41'51	0♒18	25°34	28°48	17°52	1°42	27° 7	22°51	5°48	22°16	25° 3	24°21	15° 6	n.a.	T 13
F 14	2 47 53	11°43'08	12°23	25° 6	0♏ 4	17°37	1°34	27°14	22°49	5°50	22°17	25°D 2	24°18	15°13	n.a.	F 14
S 15	2 51 50	12°44'25	24°17	24°27	1°20	17°23	1°27	27°21	22°46	5°52	22°17	25°R 2	24°15	15°19	n.a.	S 15
S 16	2 55 46	13°45'42	6♓ 5	23°37	2°35	17° 9	1°20	27°28	22°44	5°54	22°18	25° 2	24°11	15°26	n.a.	S 16
M17	2 59 43	14°47'00	17°52	22°36	3°51	16°56	1°12	27°34	22°42	5°56	22°19	25° 0	24° 8	15°33	n.a.	M17
T 18	3 3 39	15°48'16	29°44	21°27	5° 6	16°45	1° 5	27°41	22°39	5°58	22°20	24°55	24° 5	15°39	n.a.	T 18
W19	3 7 36	16°49'33	11♈44	20°10	6°22	16°33	0°57	27°48	22°37	5°59	22°20	24°48	24° 2	15°46	n.a.	W19
T 20	3 11 32	17°50'50	23°55	18°50	7°37	16°23	0°49	27°55	22°35	6° 1	22°21	24°37	23°59	15°53	n.a.	T 20
F 21	3 15 29	18°52'07	6♉20	17°28	8°53	16°14	0°42	28° 1	22°33	6° 3	22°22	24°25	23°56	15°59	n.a.	F 21
S 22	3 19 25	19°53'24	18°58	16° 7	10° 8	16° 5	0°34	28° 8	22°31	6° 5	22°23	24°11	23°52	16° 6	n.a.	S 22
S 23	3 23 22	20°54'41	1♊51	14°50	11°24	15°57	0°26	28°15	22°28	6° 6	22°24	23°56	23°49	16°13	n.a.	S 23
M24	3 27 19	21°55'57	14°56	13°39	12°39	15°50	0°18	28°21	22°26	6° 8	22°25	23°44	23°46	16°19	n.a.	M24
T 25	3 31 15	22°57'14	28°13	12°36	13°55	15°44	0°10	28°28	22°24	6°10	22°26	23°33	23°43	16°26	n.a.	T 25
W26	3 35 12	23°58'31	11♋39	11°42	15°10	15°38	0° 2	28°35	22°22	6°12	22°27	23°25	23°40	16°33	n.a.	W26
T 27	3 39 8	24°59'48	25°15	10°57	16°26	15°34	29♉54	28°41	22°20	6°13	22°28	23°21	23°37	16°39	n.a.	T 27
F 28	3 43 5	26° 1'05	9♌ 0	10°23	17°41	15°30	29°46	28°48	22°18	6°15	22°29	23°19	23°33	16°46	n.a.	F 28
S 29	3 47 1	27° 2'22	22°53	9°59	18°57	15°27	29°38	28°54	22°16	6°16	22°30	23°18	23°30	16°53	n.a.	S 29
S 30	3 50 58	28♏ 3'38	6♍55	9♏45	20♏12	15♈24	29♉30	29♎ 1	22♈14	6♎18	22♑31	23♌18	23♌27	16♓59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 6	16n13	1s14	20s 0	2s20	4s22	1n14	8n41	0n 5	20n45	0s22	8s11	2n 3	8n47	0s28	0s21	2n 0	34s18	12s30	12n58	13n24	8s 1		n.a.
S 2	11 28	12 55	0n 1	20 15	2 17	4 53	1 12	8 35	0 8	20 44	0 21	8 14	2 3	8 46	0 28	0 22	2 0	34 17	12 30	12 57	13 25	7 59		n.a.
M 3	11 50	8 47	1 17	20 29	2 13	5 24	1 10	8 29	0 10	20 43	0 21	8 17	2 3	8 45	0 28	0 23	2 0	34 17	12 30	12 58	13 26	7 57		n.a.
T 4	12 11	4 3	2 30	20 40	2 8	5 55	1 9	8 23	0 13	20 41	0 21	8 19	2 3	8 44	0 28	0 24	2 0	34 17	12 30	12 59	13 28	7 55		n.a.
W 5	12 33	0s57	3 32	20 48	2 2	6 25	1 7	8 17	0 15	20 40	0 21	8 22	2 3	8 43	0 28	0 24	2 0	34 16	12 29	13 1	13 29	7 53		n.a.
T 6	12 54	5 53	4 21	20 53	1 54	6 56	1 5	8 12	0 18	20 39	0 21	8 24	2 3	8 42	0 28	0 25	2 0	34 16	12 29	13 4	13 30	7 52		n.a.
F 7	13 15	10 26	4 51	20 55	1 46	7 27	1 3	8 7	0 20	20 38	0 21	8 27	2 3	8 41	0 28	0 26	2 0	34 16	12 29	13 7	13 31	7 50		n.a.
S 8	13 36	14 17	5 2	20 54	1 36	7 57	1 2	8 2	0 23	20 37	0 21	8 29	2 3	8 40	0 28	0 27	2 0	34 15	12 29	13 11	13 32	7 48		n.a.
S 9	13 57	17 13	4 55	20 50	1 25	8 27	1 0	7 57	0 25	20 36	0 21	8 32	2 3	8 39	0 28	0 27	2 0	34 15	12 28	13 15	13 33	7 46		n.a.
M10	14 17	19 5	4 30	20 42	1 13	8 57	0 58	7 52	0 28	20 34	0 21	8 35	2 3	8 38	0 28	0 28	2 0	34 14	12 28	13 18	13 34	7 44		n.a.
T 11	14 37	19 51	3 52	20 30	0 59	9 27	0 56	7 47	0 30	20 33	0 20	8 37	2 3	8 37	0 28	0 29	2 0	34 14	12 28	13 21	13 35	7 42		n.a.
W12	14 57	19 34	3 4	20 14	0 43	9 56	0 54	7 43	0 32	20 32	0 20	8 40	2 3	8 37	0 28	0 30	2 0	34 14	12 28	13 22	13 36	7 40		n.a.
T 13	15 17	18 21	2 7	19 54	0 27	10 25	0 52	7 39	0 34	20 31	0 20	8 42	2 3	8 36	0 28	0 30	2 0	34 13	12 27	13 23	13 37	7 39		n.a.
F 14	15 36	16 18	1 7	19 30	0 9	10 54	0 50	7 35	0 37	20 29	0 20	8 45	2 3	8 35	0 28	0 31	2 0	34 13	12 27	13 23	13 38	7 37		n.a.
S 15	15 55	13 35	0 4	19 1	0n11	11 23	0 48	7 32	0 39	20 28	0 20	8 47	2 3	8 34	0 28	0 32	2 0	34 13	12 27	13 23	13 39	7 35		n.a.
S 16	16 14	10 20	0s58	18 29	0 30	11 51	0 46	7 28	0 41	20 26	0 20	8 49	2 3	8 33	0 28	0 33	2 0	34 12	12 27	13 23	13 40	7 33		n.a.
M17	16 32	6 41	1 58	17 54	0 51	12 20	0 43	7 25	0 43	20 25	0 20	8 52	2 3	8 32	0 28	0 33	2 0	34 12	12 26	13 24	13 42	7 31		n.a.
T 18	16 50	2 45	2 53	17 17	1 11	12 47	0 41	7 22	0 45	20 24	0 19	8 54	2 3	8 31	0 28	0 34	2 0	34 11	12 26	13 26	13 43	7 29		n.a.
W19	17 8	1n20	3 40	16 37	1 31	13 15	0 39	7 20	0 47	20 22	0 19	8 57	2 3	8 31	0 28	0 35	2 0	34 11	12 26	13 28	13 44	7 27		n.a.
T 20	17 26	5 26	4 19	15 57	1 49	13 42	0 37	7 17	0 49	20 21	0 19	8 59	2 3	8 30	0 28	0 35	2 0	34 11	12 26	13 32	13 45	7 26		n.a.
F 21	17 43	9 22	4 45	15 18	2 7	14 9	0 35	7 15	0 51	20 19	0 19	9 2	2 3	8 29	0 28	0 36	2 0	34 10	12 25	13 36	13 46	7 24		n.a.
S 22	18 0	12 58	4 59	14 40	2 22	14 35	0 32	7 14	0 52	20 18	0 19	9 4	2 3	8 28	0 28	0 37	2 1	34 10	12 25	13 41	13 47	7 22		n.a.
S 23	18 17	16 1	4 57	14 4	2 36	15 1	0 30	7 12	0 54	20 16	0 19	9 6	2 3	8 27	0 28	0 37	2 1	34 10	12 25	13 46	13 48	7 20		n.a.
M24	18 33	18 20	4 40	13 33	2 47	15 27	0 28	7 11	0 56	20 15	0 19	9 9	2 3	8 26	0 28	0 38	2 1	34 9	12 25	13 50	13 49	7 18		n.a.
T 25	18 49	19 42	4 8	13 5	2 56	15 52	0 25	7 10	0 57	20 13	0 19	9 11	2 4	8 26	0 28	0 39	2 1	34 9	12 24	13 53	13 50	7 16		n.a.
W26	19 4	19 58	3 21	12 42	3 2	16 17	0 23	7 9	0 59	20 11	0 18	9 13	2 4	8 25	0 28	0 39	2 1	34 8	12 24	13 56	13 51	7 14		n.a.
T 27	19 20	19 6	2 22	12 24	3 7	16 42	0 21	7 9	1 1	20 10	0 18	9 16	2 4	8 24	0 28	0 40	2 1	34 8	12 24	13 58	13 52	7 12		n.a.
F 28	19 34	17 6	1 15	12 11	3 9	17 6	0 18	7 9	1 2	20 8	0 18	9 18	2 4	8 23	0 28	0 41	2 1	34 8	12 24	13 58	13 53	7 10		n.a.
S 29	19 49	14 5	0 2	12 3	3 9	17 29	0 16	7 9	1 4	20 7	0 18	9 20	2 4	8 23	0 28	0 41	2 1	34 7	12 24	13 58	13 54	7 9		n.a.
S 30	20s 3	10n13	1n11	12s 0	3n 8	17s52	0n14	7n10	1n 5	20n 5	0s18	9s22	2n 4	8n22	0s28	0s42	2n 1	34s 7	12s23	13n58	13n55	7s 7		n.a.

Julian Day Number = 1295480.5, Delta T = 07h55m15s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'20, Lahiri = -20°03'19 Julian Calendar 1 Nov. 1167 BCE == Greg. Calendar 21 Oct. 1167 BCE

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ASTRODIENST EPHEMERIS for the year 1167 BCE
geocentric

DECEMBER 1167 BCE (-1166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 54 55	29♏ 4'55	21♍ 6	9°D41	21♏28	15°R23	29°R22	29♎ 7	22°R12	6♎20	22♑32	23°R17	23♌24	17♓ 6	n.a.	M 1
T 2	3 58 51	0♐ 6'12	5♎24	9♏45	22°43	15°D22	29♉13	29°13	22♈10	6°21	22°33	23♌13	23°21	17°13	n.a.	T 2
W 3	4 2 48	1° 7'28	19°46	9°57	23°59	15♈22	29° 5	29°20	22° 9	6°23	22°34	23° 7	23°17	17°19	n.a.	W 3
T 4	4 6 44	2° 8'44	4♏ 9	10°17	25°14	15°23	28°57	29°26	22° 7	6°24	22°35	22°58	23°14	17°26	n.a.	T 4
F 5	4 10 41	3°10'00	18°26	10°44	26°30	15°25	28°49	29°32	22° 5	6°25	22°36	22°46	23°11	17°33	n.a.	F 5
S 6	4 14 37	4°11'15	2♐32	11°17	27°45	15°27	28°41	29°38	22° 3	6°27	22°37	22°33	23° 8	17°39	n.a.	S 6
S 7	4 18 34	5°12'30	16°22	11°55	29° 1	15°31	28°33	29°44	22° 2	6°28	22°39	22°21	23° 5	17°46	n.a.	S 7
M 8	4 22 30	6°13'44	29°51	12°39	0♐16	15°34	28°25	29°51	22° 0	6°30	22°40	22°10	23° 2	17°53	n.a.	M 8
T 9	4 26 27	7°14'58	12♑57	13°27	1°31	15°39	28°17	29°57	21°58	6°31	22°41	22° 2	22°58	17°59	n.a.	T 9
W10	4 30 24	8°16'10	25°40	14°19	2°47	15°44	28° 9	0♏ 3	21°57	6°32	22°42	21°56	22°55	18° 6	n.a.	W10
T 11	4 34 20	9°17'21	8♒ 4	15°15	4° 2	15°50	28° 1	0° 9	21°55	6°34	22°44	21°53	22°52	18°13	n.a.	T 11
F 12	4 38 17	10°18'32	20°11	16°13	5°17	15°57	27°54	0°15	21°54	6°35	22°45	21°D52	22°49	18°19	n.a.	F 12
S 13	4 42 13	11°19'41	2♓ 7	17°15	6°33	16° 4	27°46	0°20	21°53	6°36	22°46	21°52	22°46	18°26	n.a.	S 13
S 14	4 46 10	12°20'49	13°56	18°20	7°48	16°12	27°38	0°26	21°51	6°37	22°48	21°R53	22°43	18°32	n.a.	S 14
M15	4 50 6	13°21'56	25°44	19°27	9° 3	16°21	27°31	0°32	21°50	6°38	22°49	21°52	22°39	18°39	n.a.	M15
T 16	4 54 3	14°23'01	7♈37	20°36	10°19	16°30	27°23	0°38	21°49	6°40	22°50	21°49	22°36	18°46	n.a.	T 16
W17	4 57 59	15°24'06	19°40	21°47	11°34	16°40	27°16	0°43	21°47	6°41	22°52	21°44	22°33	18°52	n.a.	W17
T 18	5 1 56	16°25'09	1♉57	23° 0	12°49	16°50	27° 8	0°49	21°46	6°42	22°53	21°36	22°30	18°59	n.a.	T 18
F 19	5 5 53	17°26'11	14°30	24°15	14° 5	17° 2	27° 1	0°54	21°45	6°43	22°54	21°26	22°27	19° 6	n.a.	F 19
S 20	5 9 49	18°27'12	27°22	25°31	15°20	17°13	26°54	1° 0	21°44	6°44	22°56	21°15	22°23	19°12	n.a.	S 20
S 21	5 13 46	19°28'11	10♊32	26°49	16°35	17°25	26°47	1° 5	21°43	6°45	22°57	21° 3	22°20	19°19	n.a.	S 21
M22	5 17 42	20°29'10	23°59	28° 8	17°50	17°38	26°40	1°11	21°42	6°46	22°59	20°52	22°17	19°26	n.a.	M22
T 23	5 21 39	21°30'07	7♋41	29°28	19° 6	17°51	26°34	1°16	21°41	6°47	23° 0	20°44	22°14	19°32	n.a.	T 23
W24	5 25 35	22°31'03	21°34	0♐49	20°21	18° 5	26°27	1°21	21°40	6°47	23° 1	20°38	22°11	19°39	n.a.	W24
T 25	5 29 32	23°31'58	5♌35	2°12	21°36	18°19	26°20	1°26	21°39	6°48	23° 3	20°34	22° 8	19°46	n.a.	T 25
F 26	5 33 29	24°32'51	19°40	3°35	22°51	18°34	26°14	1°32	21°38	6°49	23° 4	20°D33	22° 4	19°52	n.a.	F 26
S 27	5 37 25	25°33'44	3♍47	5° 0	24° 6	18°49	26° 8	1°37	21°38	6°50	23° 6	20°34	22° 1	19°59	n.a.	S 27
S 28	5 41 22	26°34'36	17°54	6°25	25°21	19° 5	26° 2	1°42	21°37	6°51	23° 7	20°35	21°58	20° 6	n.a.	S 28
M29	5 45 18	27°35'26	2♎ 1	7°52	26°37	19°21	25°56	1°46	21°36	6°51	23° 9	20°R35	21°55	20°12	n.a.	M29
T 30	5 49 15	28°36'15	16° 6	9°19	27°52	19°38	25°50	1°51	21°36	6°52	23°10	20°33	21°52	20°19	n.a.	T 30
W31	5 53 11	29♐37'04	0♏ 8	10♐48	29♐ 7	19♈55	25♉44	1♏56	21♈35	6♎53	23♑12	20♌30	21♌49	20♓26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s17	5n45	2n21	12s 1	3n 6	18s15	0n11	7n10	1n 6	20n 3	0s18	9s25	2n 4	8n21	0s28	0s42	2n 1	34s 6	12s23	13n59	13n56	7s 5			n.a.
T 2	20 30	0 55	3 23	12 6	3 2	18 37	0 9	7 11	1 8	20 2	0 17	9 27	2 4	8 21	0 28	0 43	2 1	34 6	12 23	14 0	13 58	7 3			n.a.
W 3	20 43	3s59	4 12	12 14	2 57	18 58	0 6	7 13	1 9	20 0	0 17	9 29	2 4	8 20	0 28	0 43	2 1	34 6	12 23	14 2	13 59	7 1			n.a.
T 4	20 56	8 39	4 45	12 26	2 52	19 19	0 4	7 14	1 10	19 58	0 17	9 31	2 4	8 19	0 28	0 44	2 1	34 5	12 23	14 5	14 0	6 59			n.a.
F 5	21 8	12 48	5 0	12 40	2 45	19 40	0 2	7 16	1 12	19 57	0 17	9 33	2 4	8 19	0 28	0 44	2 1	34 5	12 22	14 9	14 1	6 57			n.a.
S 6	21 20	16 10	4 56	12 57	2 38	20 0	0s 1	7 18	1 13	19 55	0 17	9 36	2 4	8 18	0 28	0 45	2 1	34 4	12 22	14 13	14 2	6 55			n.a.
S 7	21 31	18 33	4 35	13 16	2 31	20 19	0 3	7 20	1 14	19 54	0 17	9 38	2 4	8 17	0 28	0 46	2 1	34 4	12 22	14 17	14 3	6 53			n.a.
M 8	21 42	19 51	3 59	13 37	2 23	20 38	0 5	7 23	1 15	19 52	0 16	9 40	2 4	8 17	0 28	0 46	2 1	34 4	12 22	14 21	14 4	6 51			n.a.
T 9	21 53	20 1	3 11	13 59	2 15	20 56	0 8	7 25	1 16	19 50	0 16	9 42	2 4	8 16	0 27	0 46	2 1	34 3	12 22	14 24	14 5	6 50			n.a.
W10	22 3	19 9	2 14	14 23	2 7	21 13	0 10	7 28	1 17	19 49	0 16	9 44	2 4	8 16	0 27	0 47	2 1	34 3	12 21	14 26	14 6	6 48			n.a.
T 11	22 12	17 23	1 13	14 47	1 58	21 30	0 13	7 32	1 18	19 47	0 16	9 46	2 5	8 15	0 27	0 47	2 2	34 2	12 21	14 27	14 7	6 46			n.a.
F 12	22 22	14 51	0 9	15 13	1 50	21 47	0 15	7 35	1 19	19 45	0 16	9 48	2 5	8 15	0 27	0 48	2 2	34 2	12 21	14 27	14 8	6 44			n.a.
S 13	22 30	11 44	0s54	15 39	1 41	22 2	0 17	7 39	1 20	19 44	0 16	9 50	2 5	8 14	0 27	0 48	2 2	34 2	12 21	14 27	14 9	6 42			n.a.
S 14	22 39	8 11	1 55	16 5	1 32	22 17	0 20	7 43	1 21	19 42	0 15	9 52	2 5	8 14	0 27	0 49	2 2	34 1	12 21	14 27	14 10	6 40			n.a.
M15	22 47	4 19	2 50	16 32	1 23	22 32	0 22	7 47	1 22	19 41	0 15	9 54	2 5	8 13	0 27	0 49	2 2	34 1	12 21	14 27	14 11	6 38			n.a.
T 16	22 54	0 16	3 39	17 0	1 15	22 45	0 24	7 51	1 23	19 39	0 15	9 56	2 5	8 13	0 27	0 50	2 2	34 0	12 20	14 28	14 12	6 36			n.a.
W17	23 1	3n51	4 18	17 27	1 6	22 58	0 26	7 56	1 23	19 38	0 15	9 58	2 5	8 12	0 27	0 50	2 2	34 0	12 20	14 30	14 13	6 34			n.a.
T 18	23 8	7 52	4 46	17 54	0 57	23 11	0 29	8 1	1 24	19 36	0 15	10 0	2 5	8 12	0 27	0 50	2 2	34 0	12 20	14 32	14 14	6 32			n.a.
F 19	23 14	11 39	5 1	18 21	0 49	23 22	0 31	8 6	1 25	19 35	0 15	10 1	2 5	8 11	0 27	0 51	2 2	33 59	12 20	14 35	14 15	6 30			n.a.
S 20	23 19	15 0	5 2	18 48	0 40	23 33	0 33	8 11	1 26	19 33	0 14	10 3	2 5	8 11	0 27	0 51	2 2	33 59	12 20	14 39	14 17	6 28			n.a.
S 21	23 24	17 40	4 46	19 15	0 32	23 44	0 35	8 16	1 26	19 32	0 14	10 5	2 5	8 11	0 27	0 51	2 2	33 58	12 20	14 43	14 18	6 26			n.a.
M22	23 29	19 27	4 15	19 41	0 23	23 53	0 37	8 22	1 27	19 30	0 14	10 7	2 6	8 10	0 27	0 52	2 2	33 58	12 20	14 46	14 19	6 24			n.a.
T 23	23 33	20 8	3 28	20 7	0 15	24 2	0 39	8 28	1 28	19 29	0 14	10 9	2 6	8 10	0 27	0 52	2 2	33 58	12 20	14 49	14 20	6 23			n.a.
W24	23 37	19 37	2 29	20 32	0 7	24 10	0 41	8 34	1 28	19 27	0 14	10 10	2 6	8 10	0 27	0 52	2 2	33 57	12 19	14 51	14 21	6 21			n.a.
T 25	23 40	17 54	1 19	20 57	0s 1	24 17	0 44	8 40	1 29	19 26	0 14	10 12	2 6	8 9	0 27	0 52	2 2	33 57	12 19	14 52	14 22	6 19			n.a.
F 26	23 43	15 5	0 5	21 21	0 8	24 24	0 46	8 46	1 29	19 25	0 13	10 14	2 6	8 9	0 27	0 53	2 3	33 56	12 19	14 52	14 23	6 17			n.a.
S 27	23 45	11 22	1n10	21 44	0 16	24 29	0 47	8 52	1 30	19 23	0 13	10 15	2 6	8 9	0 27	0 53	2 3	33 56	12 19	14 52	14 24	6 15			n.a.
S 28	23 47	7 1	2 21	22 7	0 23	24 34	0 49	8 59	1 30	19 22	0 13	10 17	2 6	8 9	0 27	0 53	2 3	33 56	12 19	14 52	14 25	6 13			n.a.
M29	23 49	2 18	3 24	22 29	0 30	24 39	0 51	9 6	1 31	19 21	0 13	10 19	2 6	8 8	0 27	0 53	2 3	33 55	12 19	14 52	14 26	6 11			n.a.
T 30	23 49	2s32	4 14	22 50	0 37	24 42	0 53	9 13	1 31	19 20	0 13	10 20	2 7	8 8	0 27	0 54	2 3	33 55	12 19	14 52	14 27	6 9			n.a.
W31	23s50	7s13	4n48	23s 9	0s44	24s45	0s55	9n20	1n32	19n18	0s13	10s22	2n 7	8n 8	0s27	0s54	2n 3	33s55	12s19	14n54	14n28	6s 7			n.a.

Julian Day Number = 1295510.5, Delta T = 07h55m13s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'16, Lahiri = -20°03'15 Julian Calendar 1 Dec. 1167 BCE == Greg. Calendar 20 Nov. 1167 BCE

The year -1166 astronomical counting style corresponds to year 1167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

JANUARY 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 8	0♉37'51	14♏ 4	12♐17	0♉22	20♈13	25°R39	2♏ 1	21°R35	6♎53	23♉13	20°R24	21♌45	20♓32	n.a.	T 1
F 2	6 1 4	1°38'36	27°53	13°47	1°37	20°31	25♉34	2° 5	21♈34	6°54	23°15	20♌16	21°42	20°39	n.a.	F 2
S 3	6 5 1	2°39'21	11♐31	15°18	2°52	20°49	25°28	2°10	21°34	6°54	23°17	20° 8	21°39	20°46	n.a.	S 3
S 4	6 8 58	3°40'04	24°56	16°50	4° 7	21° 8	25°23	2°15	21°33	6°55	23°18	19°59	21°36	20°52	n.a.	S 4
M 5	6 12 54	4°40'45	8♉ 5	18°22	5°22	21°27	25°18	2°19	21°33	6°55	23°20	19°52	21°33	20°59	n.a.	M 5
T 6	6 16 51	5°41'25	20°57	19°56	6°37	21°47	25°14	2°23	21°33	6°56	23°21	19°46	21°29	21° 6	n.a.	T 6
W 7	6 20 47	6°42'03	3♒32	21°30	7°52	22° 7	25° 9	2°28	21°33	6°56	23°23	19°43	21°26	21°12	n.a.	W 7
T 8	6 24 44	7°42'39	15°51	23° 5	9° 7	22°27	25° 5	2°32	21°33	6°57	23°25	19°D41	21°23	21°19	n.a.	T 8
F 9	6 28 40	8°43'14	27°57	24°41	10°22	22°48	25° 1	2°36	21°33	6°57	23°26	19°42	21°20	21°26	n.a.	F 9
S 10	6 32 37	9°43'46	9♓52	26°18	11°37	23° 9	24°57	2°40	21°D33	6°57	23°28	19°43	21°17	21°32	n.a.	S 10
S 11	6 36 33	10°44'16	21°42	27°56	12°52	23°30	24°53	2°44	21°33	6°58	23°29	19°45	21°14	21°39	n.a.	S 11
M12	6 40 30	11°44'44	3♈31	29°35	14° 7	23°52	24°50	2°48	21°33	6°58	23°31	19°46	21°10	21°46	n.a.	M12
T 13	6 44 27	12°45'11	15°25	1♉14	15°22	24°14	24°46	2°51	21°33	6°58	23°33	19°R46	21° 7	21°52	n.a.	T 13
W14	6 48 23	13°45'35	27°27	2°55	16°37	24°36	24°43	2°55	21°33	6°58	23°34	19°45	21° 4	21°59	n.a.	W14
T 15	6 52 20	14°45'57	9♉44	4°37	17°52	24°59	24°40	2°59	21°33	6°58	23°36	19°43	21° 1	22° 6	n.a.	T 15
F 16	6 56 16	15°46'17	22°19	6°19	19° 7	25°22	24°37	3° 2	21°34	6°58	23°38	19°38	20°58	22°12	n.a.	F 16
S 17	7 0 13	16°46'35	5♊16	8° 2	20°22	25°45	24°34	3° 6	21°34	6°58	23°39	19°33	20°54	22°19	n.a.	S 17
S 18	7 4 9	17°46'50	18°35	9°47	21°37	26° 9	24°32	3° 9	21°34	6°58	23°41	19°28	20°51	22°26	n.a.	S 18
M19	7 8 6	18°47'04	2♋17	11°32	22°52	26°32	24°30	3°12	21°35	6°R58	23°42	19°23	20°48	22°32	n.a.	M19
T 20	7 12 2	19°47'16	16°18	13°19	24° 6	26°57	24°28	3°16	21°35	6°58	23°44	19°19	20°45	22°39	n.a.	T 20
W21	7 15 59	20°47'26	0♌36	15° 6	25°21	27°21	24°26	3°19	21°36	6°58	23°46	19°16	20°42	22°46	n.a.	W21
T 22	7 19 56	21°47'33	15° 4	16°55	26°36	27°46	24°24	3°22	21°37	6°58	23°47	19°D15	20°39	22°52	n.a.	T 22
F 23	7 23 52	22°47'39	29°37	18°44	27°51	28°10	24°23	3°25	21°37	6°58	23°49	19°16	20°35	22°59	n.a.	F 23
S 24	7 27 49	23°47'43	14♍10	20°35	29° 5	28°36	24°21	3°28	21°38	6°58	23°51	19°17	20°32	23° 6	n.a.	S 24
S 25	7 31 45	24°47'46	28°36	22°26	0♒20	29° 1	24°20	3°30	21°39	6°58	23°52	19°18	20°29	23°12	n.a.	S 25
M26	7 35 42	25°47'46	12♎54	24°19	1°35	29°27	24°19	3°33	21°40	6°58	23°54	19°19	20°26	23°19	n.a.	M26
T 27	7 39 38	26°47'45	27° 1	26°12	2°50	29°52	24°19	3°36	21°40	6°57	23°56	19°R20	20°23	23°26	n.a.	T 27
W28	7 43 35	27°47'42	10♏54	28° 7	4° 4	0♉18	24°18	3°38	21°41	6°57	23°57	19°19	20°20	23°32	n.a.	W28
T 29	7 47 31	28°47'37	24°35	0♒ 2	5°19	0°45	24°18	3°40	21°42	6°57	23°59	19°18	20°16	23°39	n.a.	T 29
F 30	7 51 28	29°47'30	8♐ 1	1°58	6°34	1°11	24°D18	3°43	21°43	6°56	24° 1	19°15	20°13	23°46	n.a.	F 30
S 31	7 55 25	0♒47'22	21♐14	3♒55	7♒48	1♉38	24♉18	3♏45	21♈45	6♎56	24♉ 2	19♌13	20♌10	23♓52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s50	11 s28	5n 5	23 s28	0 s51	24 s47	0 s57	9n27	1n32	19n17	0 s12	10 s23	2n 7	8n 8	0 s27	0 s54	2n 3	33 s54	12 s19	14n55	14n29	6 s 5			n.a.
F 2	23 49	15 4	5 5	23 46	0 57	24 48	0 59	9 34	1 33	19 16	0 12	10 25	2 7	8 8	0 27	0 54	2 3	33 54	12 19	14 58	14 30	6 3			n.a.
S 3	23 48	17 48	4 46	24 3	1 3	24 48	1 0	9 41	1 33	19 15	0 12	10 26	2 7	8 8	0 27	0 54	2 3	33 54	12 19	15 1	14 31	6 1			n.a.
S 4	23 47	19 32	4 13	24 19	1 9	24 48	1 2	9 49	1 34	19 14	0 12	10 28	2 7	8 8	0 27	0 54	2 3	33 53	12 18	15 3	14 32	5 59			n.a.
M 5	23 45	20 9	3 26	24 33	1 15	24 47	1 3	9 57	1 34	19 13	0 12	10 29	2 7	8 7	0 27	0 55	2 3	33 53	12 18	15 6	14 33	5 57			n.a.
T 6	23 42	19 43	2 29	24 46	1 20	24 45	1 5	10 5	1 34	19 12	0 11	10 30	2 7	8 7	0 27	0 55	2 3	33 52	12 18	15 8	14 34	5 55			n.a.
W 7	23 39	18 17	1 27	24 58	1 25	24 42	1 7	10 12	1 35	19 11	0 11	10 32	2 8	8 7	0 27	0 55	2 3	33 52	12 18	15 9	14 35	5 53			n.a.
T 8	23 36	16 1	0 21	25 8	1 30	24 39	1 8	10 20	1 35	19 10	0 11	10 33	2 8	8 7	0 27	0 55	2 3	33 52	12 18	15 9	14 36	5 51			n.a.
F 9	23 32	13 5	0 s45	25 17	1 34	24 34	1 9	10 29	1 35	19 9	0 11	10 34	2 8	8 7	0 27	0 55	2 4	33 51	12 18	15 9	14 37	5 49			n.a.
S 10	23 28	9 39	1 48	25 25	1 38	24 29	1 11	10 37	1 36	19 8	0 11	10 36	2 8	8 7	0 27	0 55	2 4	33 51	12 18	15 9	14 38	5 47			n.a.
S 11	23 23	5 52	2 46	25 31	1 42	24 24	1 12	10 45	1 36	19 8	0 11	10 37	2 8	8 7	0 27	0 55	2 4	33 51	12 18	15 8	14 39	5 45			n.a.
M12	23 18	1 53	3 36	25 36	1 46	24 17	1 13	10 54	1 36	19 7	0 10	10 38	2 8	8 7	0 26	0 55	2 4	33 50	12 18	15 8	14 40	5 43			n.a.
T 13	23 12	2n12	4 18	25 39	1 49	24 10	1 15	11 2	1 37	19 6	0 10	10 39	2 8	8 8	0 26	0 55	2 4	33 50	12 18	15 8	14 41	5 41			n.a.
W14	23 6	6 15	4 49	25 40	1 52	24 2	1 16	11 11	1 37	19 6	0 10	10 40	2 9	8 8	0 26	0 55	2 4	33 50	12 18	15 8	14 43	5 39			n.a.
T 15	23 0	10 7	5 7	25 39	1 54	23 53	1 17	11 19	1 37	19 5	0 10	10 41	2 9	8 8	0 26	0 55	2 4	33 49	12 18	15 9	14 44	5 37			n.a.
F 16	22 53	13 38	5 12	25 37	1 57	23 44	1 18	11 28	1 37	19 5	0 10	10 43	2 9	8 8	0 26	0 55	2 4	33 49	12 18	15 10	14 45	5 35			n.a.
S 17	22 46	16 36	5 1	25 33	1 58	23 33	1 19	11 37	1 37	19 4	0 10	10 44	2 9	8 8	0 26	0 55	2 4	33 49	12 18	15 12	14 46	5 33			n.a.
S 18	22 38	18 48	4 33	25 27	2 0	23 22	1 20	11 46	1 38	19 4	0 9	10 45	2 9	8 8	0 26	0 55	2 4	33 48	12 18	15 13	14 47	5 31			n.a.
M19	22 29	19 59	3 49	25 19	2 1	23 11	1 21	11 55	1 38	19 3	0 9	10 46	2 9	8 9	0 26	0 55	2 4	33 48	12 18	15 15	14 48	5 29			n.a.
T 20	22 21	19 59	2 51	25 10	2 1	22 59	1 21	12 4	1 38	19 3	0 9	10 47	2 10	8 9	0 26	0 55	2 4	33 48	12 18	15 16	14 49	5 27			n.a.
W21	22 12	18 43	1 41	24 58	2 1	22 46	1 22	12 13	1 38	19 3	0 9	10 47	2 10	8 9	0 26	0 55	2 4	33 48	12 18	15 17	14 50	5 25			n.a.
T 22	22 2	16 13	0 23	24 44	2 1	22 32	1 23	12 22	1 38	19 2	0 9	10 48	2 10	8 9	0 26	0 55	2 4	33 47	12 18	15 17	14 51	5 23			n.a.
F 23	21 52	12 40	0n57	24 28	2 0	22 18	1 23	12 32	1 39	19 2	0 9	10 49	2 10	8 10	0 26	0 55	2 4	33 47	12 18	15 17	14 52	5 21			n.a.
S 24	21 42	8 22	2 13	24 10	1 58	22 3	1 24	12 41	1 39	19 2	0 8	10 50	2 10	8 10	0 26	0 54	2 5	33 47	12 18	15 17	14 53	5 19			n.a.
S 25	21 31	3 37	3 20	23 50	1 56	21 47	1 24	12 50	1 39	19 2	0 8	10 51	2 10	8 10	0 26	0 54	2 5	33 46	12 18	15 17	14 54	5 17			n.a.
M26	21 20	1 s17	4 14	23 28	1 54	21 31	1 25	13 0	1 39	19 2	0 8	10 52	2 11	8 10	0 26	0 54	2 5	33 46	12 18	15 16	14 55	5 15			n.a.
T 27	21 8	6 3	4 52	23 4	1 51	21 14	1 25	13 9	1 39	19 2	0 8	10 52	2 11	8 11	0 26	0 54	2 5	33 46	12 18	15 16	14 56	5 13			n.a.
W28	20 57	10 24	5 12	22 38	1 47	20 56	1 26	13 18	1 39	19 2	0 8	10 53	2 11	8 11	0 26	0 54	2 5	33 46	12 18	15 16	14 57	5 11			n.a.
T 29	20 44	14 9	5 14	22 9	1 43	20 38	1 26	13 28	1 39	19 2	0 8	10 54	2 11	8 12	0 26	0 54	2 5	33 45	12 18	15 17	14 58	5 9			n.a.
F 30	20 32	17 6	4 59	21 38	1 38	20 19	1 26	13 37	1 39	19 2	0 7	10 54	2 11	8 12	0 26	0 53	2 5	33 45	12 18	15 17	14 59	5 7			n.a.
S 31	20 s19	19 s 5	4n28	21 s 6	1 s33	20 s 0	1 s26	13n47	1n39	19n 2	0 s 7	10 s55	2n11	8n13	0 s26	0 s53	2n 5	33 s45	12 s19	15n18	15n 0	5 s 5			n.a.

Julian Day Number = 1295541.5, Delta T = 07h55m11s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'11, Lahiri = -20°03'11 Julian Calendar 1 Jan. 1166 BCE == Greg. Calendar 21 Dec. 1167 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

FEBRUARY 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 21	1♒47'12	4♉14	5♒53	9♒ 3	2♉ 5	24♉18	3♏47	21♈46	6°R56	24♉ 4	19°R10	20♌ 7	23♓59	n.a.	S 1
M 2	8 3 18	2°46'59	17° 0	7°51	10°17	2°32	24°19	3°49	21°47	6♎55	24° 6	19♌ 8	20° 4	24° 6	n.a.	M 2
T 3	8 7 14	3°46'45	29°33	9°49	11°32	2°59	24°19	3°51	21°48	6°55	24° 7	19° 6	20° 0	24°12	n.a.	T 3
W 4	8 11 11	4°46'28	11♒53	11°47	12°47	3°27	24°20	3°53	21°49	6°54	24° 9	19° 5	19°57	24°19	n.a.	W 4
T 5	8 15 7	5°46'10	24° 3	13°46	14° 1	3°54	24°21	3°55	21°51	6°54	24°11	19°D 5	19°54	24°26	n.a.	T 5
F 6	8 19 4	6°45'49	6♓ 3	15°44	15°16	4°22	24°22	3°56	21°52	6°53	24°12	19° 6	19°51	24°32	n.a.	F 6
S 7	8 23 0	7°45'25	17°56	17°41	16°30	4°50	24°24	3°58	21°54	6°52	24°14	19° 7	19°48	24°39	n.a.	S 7
S 8	8 26 57	8°45'00	29°45	19°38	17°45	5°19	24°26	3°59	21°55	6°52	24°15	19° 8	19°45	24°46	n.a.	S 8
M 9	8 30 53	9°44'31	11♈35	21°33	18°59	5°47	24°27	4° 1	21°57	6°51	24°17	19° 9	19°41	24°52	n.a.	M 9
T 10	8 34 50	10°44'01	23°28	23°27	20°14	6°16	24°29	4° 2	21°58	6°50	24°19	19° 9	19°38	24°59	n.a.	T 10
W11	8 38 47	11°43'28	5♉29	25°18	21°28	6°44	24°32	4° 3	22° 0	6°50	24°20	19°10	19°35	25° 6	n.a.	W11
T 12	8 42 43	12°42'53	17°44	27° 7	22°42	7°13	24°34	4° 4	22° 1	6°49	24°22	19°R10	19°32	25°12	n.a.	T 12
F 13	8 46 40	13°42'15	0♊16	28°53	23°57	7°42	24°37	4° 5	22° 3	6°48	24°23	19°10	19°29	25°19	n.a.	F 13
S 14	8 50 36	14°41'35	13° 9	0♓36	25°11	8°12	24°39	4° 6	22° 5	6°47	24°25	19° 9	19°26	25°26	n.a.	S 14
S 15	8 54 33	15°40'52	26°27	2°14	26°25	8°41	24°42	4° 7	22° 7	6°46	24°27	19° 9	19°22	25°33	n.a.	S 15
M16	8 58 29	16°40'07	10♋11	3°49	27°40	9°10	24°45	4° 7	22° 8	6°45	24°28	19° 8	19°19	25°39	n.a.	M16
T 17	9 2 26	17°39'20	24°20	5°18	28°54	9°40	24°49	4° 8	22°10	6°45	24°30	19° 8	19°16	25°46	n.a.	T 17
W18	9 6 22	18°38'30	8♌51	6°43	0♓ 8	10°10	24°52	4° 8	22°12	6°44	24°31	19° 8	19°13	25°53	n.a.	W18
T 19	9 10 19	19°37'38	23°39	8° 2	1°22	10°40	24°56	4° 9	22°14	6°43	24°33	19° 8	19°10	25°59	n.a.	T 19
F 20	9 14 16	20°36'44	8♍36	9°16	2°37	11°10	25° 0	4° 9	22°16	6°42	24°34	19° 8	19° 6	26° 6	n.a.	F 20
S 21	9 18 12	21°35'48	23°35	10°23	3°51	11°40	25° 4	4° 9	22°18	6°41	24°36	19° 8	19° 3	26°13	n.a.	S 21
S 22	9 22 9	22°34'49	8♎26	11°25	5° 5	12°10	25° 8	4°R 9	22°20	6°40	24°37	19° 8	19° 0	26°19	n.a.	S 22
M23	9 26 5	23°33'49	23° 4	12°19	6°19	12°41	25°12	4° 9	22°23	6°39	24°39	19° 7	18°57	26°26	n.a.	M23
T 24	9 30 2	24°32'47	7♏24	13° 8	7°33	13°11	25°17	4° 9	22°25	6°38	24°40	19° 7	18°54	26°33	n.a.	T 24
W25	9 33 58	25°31'43	21°23	13°49	8°47	13°42	25°22	4° 9	22°27	6°36	24°42	19°D 7	18°51	26°39	n.a.	W25
T 26	9 37 55	26°30'37	5♐ 0	14°23	10° 1	14°13	25°26	4° 8	22°29	6°35	24°43	19° 7	18°47	26°46	n.a.	T 26
F 27	9 41 51	27°29'30	18°16	14°51	11°15	14°44	25°31	4° 8	22°32	6°34	24°45	19° 7	18°44	26°53	n.a.	F 27
S 28	9 45 48	28♒28'20	1♉13	15♓12	12♓29	15♉15	25♉37	4♏ 7	22♈34	6♎33	24♉46	19♌ 8	18♌41	26♓59	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	20s 5	20s 3	3n43	20s31	1s27	19s40	1s26	13n57	1n40	19n 2	0s 7	10s55	2n12	8n13	0s26	0s53	2n 5	33s45	12s19	15n19	15n 1	5s 3			n.a.	S 1
M 2	19 51	19 57	2 48	19 54	1 20	19 20	1 26	14 6	1 40	19 3	0 7	10 56	2 12	8 13	0 26	0 53	2 5	33 44	12 19	15 20	15 2	5 1			n.a.	M 2
T 3	19 37	18 51	1 46	19 15	1 13	18 59	1 26	14 16	1 40	19 3	0 7	10 56	2 12	8 14	0 26	0 52	2 5	33 44	12 19	15 20	15 3	4 59			n.a.	T 3
W 4	19 23	16 52	0 40	18 34	1 5	18 37	1 26	14 26	1 40	19 3	0 7	10 57	2 12	8 14	0 26	0 52	2 5	33 44	12 19	15 21	15 4	4 57			n.a.	W 4
T 5	19 8	14 9	0s27	17 52	0 57	18 15	1 26	14 35	1 40	19 4	0 6	10 57	2 12	8 15	0 26	0 52	2 5	33 44	12 19	15 21	15 5	4 55			n.a.	T 5
F 6	18 53	10 52	1 33	17 8	0 47	17 53	1 25	14 45	1 40	19 4	0 6	10 58	2 13	8 16	0 26	0 52	2 5	33 43	12 19	15 21	15 6	4 53			n.a.	F 6
S 7	18 38	7 11	2 33	16 23	0 38	17 30	1 25	14 55	1 40	19 5	0 6	10 58	2 13	8 16	0 26	0 51	2 5	33 43	12 19	15 20	15 7	4 51			n.a.	S 7
S 8	18 22	3 15	3 27	15 36	0 27	17 6	1 25	15 4	1 40	19 5	0 6	10 58	2 13	8 17	0 26	0 51	2 6	33 43	12 19	15 20	15 8	4 49			n.a.	S 8
M 9	18 6	0n48	4 12	14 49	0 16	16 42	1 24	15 14	1 40	19 6	0 6	10 59	2 13	8 17	0 26	0 51	2 6	33 43	12 19	15 20	15 9	4 47			n.a.	M 9
T 10	17 50	4 50	4 46	14 0	0 5	16 18	1 24	15 24	1 40	19 7	0 6	10 59	2 13	8 18	0 26	0 50	2 6	33 43	12 20	15 19	15 10	4 45			n.a.	T 10
W11	17 33	8 43	5 9	13 11	0n 7	15 53	1 23	15 33	1 40	19 7	0 5	10 59	2 13	8 19	0 26	0 50	2 6	33 42	12 20	15 19	15 11	4 43			n.a.	W11
T 12	17 16	12 19	5 18	12 22	0 19	15 28	1 23	15 43	1 40	19 8	0 5	10 59	2 14	8 19	0 26	0 50	2 6	33 42	12 20	15 19	15 12	4 41			n.a.	T 12
F 13	16 59	15 28	5 12	11 34	0 32	15 2	1 22	15 53	1 40	19 9	0 5	11 0	2 14	8 20	0 26	0 49	2 6	33 42	12 20	15 19	15 13	4 39			n.a.	F 13
S 14	16 42	17 57	4 50	10 45	0 44	14 36	1 21	16 2	1 40	19 10	0 5	11 0	2 14	8 21	0 25	0 49	2 6	33 42	12 20	15 19	15 14	4 37			n.a.	S 14
S 15	16 24	19 34	4 13	9 57	0 57	14 10	1 20	16 12	1 40	19 11	0 5	11 0	2 14	8 21	0 25	0 48	2 6	33 42	12 20	15 20	15 15	4 35			n.a.	S 15
M16	16 6	20 7	3 20	9 11	1 11	13 43	1 19	16 22	1 40	19 12	0 5	11 0	2 14	8 22	0 25	0 48	2 6	33 42	12 20	15 20	15 16	4 33			n.a.	M16
T 17	15 48	19 25	2 14	8 25	1 24	13 16	1 18	16 31	1 40	19 12	0 5	11 0	2 14	8 23	0 25	0 48	2 6	33 41	12 20	15 20	15 17	4 31			n.a.	T 17
W18	15 29	17 26	0 57	7 42	1 36	12 49	1 17	16 41	1 40	19 13	0 4	11 0	2 15	8 24	0 25	0 47	2 6	33 41	12 21	15 20	15 18	4 29			n.a.	W18
T 19	15 10	14 15	0n25	7 0	1 49	12 21	1 16	16 50	1 40	19 15	0 4	11 0	2 15	8 24	0 25	0 47	2 6	33 41	12 21	15 20	15 19	4 27			n.a.	T 19
F 20	14 51	10 7	1 46	6 21	2 2	11 53	1 15	17 0	1 40	19 16	0 4	11 0	2 15	8 25	0 25	0 46	2 6	33 41	12 21	15 20	15 20	4 25			n.a.	F 20
S 21	14 32	5 20	3 0	5 44	2 14	11 24	1 14	17 10	1 40	19 17	0 4	11 0	2 15	8 26	0 25	0 46	2 6	33 41	12 21	15 20	15 21	4 23			n.a.	S 21
S 22	14 13	0 17	4 1	5 10	2 25	10 55	1 13	17 19	1 40	19 18	0 4	10 59	2 15	8 27	0 25	0 45	2 6	33 41	12 21	15 20	15 22	4 21			n.a.	S 22
M23	13 53	4s42	4 46	4 39	2 36	10 27	1 11	17 29	1 40	19 19	0 4	10 59	2 16	8 28	0 25	0 45	2 6	33 41	12 22	15 20	15 23	4 19			n.a.	M23
T 24	13 33	9 19	5 11	4 11	2 46	9 57	1 10	17 38	1 40	19 20	0 4	10 59	2 16	8 28	0 25	0 45	2 6	33 41	12 22	15 20	15 24	4 17			n.a.	T 24
W25	13 13	13 18	5 17	3 46	2 55	9 28	1 9	17 47	1 40	19 22	0 3	10 59	2 16	8 29	0 25	0 44	2 7	33 40	12 22	15 20	15 25	4 15			n.a.	W25
T 26	12 53	16 28	5 6	3 25	3 4	8 58	1 7	17 57	1 39	19 23	0 3	10 59	2 16	8 30	0 25	0 44	2 7	33 40	12 22	15 20	15 26	4 12			n.a.	T 26
F 27	12 32	18 42	4 38	3 8	3 11	8 28	1 5	18 6	1 39	19 24	0 3	10 58	2 16	8 31	0 25	0 43	2 7	33 40	12 22	15 20	15 27	4 10			n.a.	F 27
S 28	12s12	19s54	3n56	2s54	3n18	7s58	1s 4	18n15	1n39	19n26	0s 3	10s58	2n16	8n32	0s25	0s43	2n 7	33s40	12s22	15n20	15n28	4s 8			n.a.	S 28

Julian Day Number = 1295572.5, Delta T = 07h55m10s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'07, Lahiri = -20°03'07 Julian Calendar 1 Feb. 1166 BCE == Greg. Calendar 21 Jan. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

MARCH 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 44	29♒27'09	13♉54	15♓25	13♓43	15♉46	25♉42	4°R 7	22♈36	6°R32	24♉47	19♌ 9	18♌38	27♓ 6	n.a.	S 1
M 2	9 53 41	0♓25'55	26°21	15°32	14°57	16°17	25°47	4♏ 6	22°39	6♎31	24°49	19°10	18°35	27°13	n.a.	M 2
T 3	9 57 38	1°24'40	8♒37	15°R32	16°11	16°48	25°53	4° 5	22°41	6°29	24°50	19°11	18°32	27°19	n.a.	T 3
W 4	10 1 34	2°23'23	20°43	15°26	17°25	17°20	25°59	4° 4	22°44	6°28	24°52	19°R11	18°28	27°26	n.a.	W 4
T 5	10 5 31	3°22'03	2♓42	15°14	18°39	17°52	26° 5	4° 3	22°46	6°27	24°53	19°10	18°25	27°33	n.a.	T 5
F 6	10 9 27	4°20'42	14°35	14°56	19°53	18°23	26°11	4° 2	22°49	6°26	24°54	19° 9	18°22	27°39	n.a.	F 6
S 7	10 13 24	5°19'18	26°26	14°32	21° 7	18°55	26°17	4° 1	22°51	6°24	24°56	19° 7	18°19	27°46	n.a.	S 7
S 8	10 17 20	6°17'52	8♈15	14° 4	22°20	19°27	26°24	4° 0	22°54	6°23	24°57	19° 5	18°16	27°53	n.a.	S 8
M 9	10 21 17	7°16'24	20° 5	13°32	23°34	19°59	26°30	3°59	22°57	6°22	24°58	19° 2	18°12	27°59	n.a.	M 9
T 10	10 25 13	8°14'54	2♉ 0	12°56	24°48	20°31	26°37	3°57	22°59	6°20	24°59	18°59	18° 9	28° 6	n.a.	T 10
W11	10 29 10	9°13'22	14° 2	12°17	26° 2	21° 3	26°44	3°56	23° 2	6°19	25° 1	18°56	18° 6	28°13	n.a.	W11
T 12	10 33 6	10°11'47	26°16	11°36	27°15	21°35	26°51	3°54	23° 5	6°17	25° 2	18°55	18° 3	28°19	n.a.	T 12
F 13	10 37 3	11°10'10	8♊45	10°54	28°29	22° 8	26°58	3°52	23° 8	6°16	25° 3	18°D54	18° 0	28°26	n.a.	F 13
S 14	10 41 0	12° 8'31	21°33	10°11	29°43	22°40	27° 5	3°50	23°10	6°15	25° 4	18°54	17°57	28°33	n.a.	S 14
S 15	10 44 56	13° 6'50	4♋44	9°29	0♈56	23°13	27°13	3°48	23°13	6°13	25° 6	18°55	17°53	28°39	n.a.	S 15
M16	10 48 53	14° 5'06	18°21	8°48	2°10	23°45	27°20	3°46	23°16	6°12	25° 7	18°57	17°50	28°46	n.a.	M16
T 17	10 52 49	15° 3'21	2♌25	8° 8	3°23	24°18	27°28	3°44	23°19	6°10	25° 8	18°58	17°47	28°53	n.a.	T 17
W18	10 56 46	16° 1'33	16°55	7°31	4°37	24°51	27°36	3°42	23°22	6° 9	25° 9	18°R59	17°44	28°59	n.a.	W18
T 19	11 0 42	16°59'43	1♍48	6°57	5°50	25°23	27°44	3°40	23°25	6° 7	25°10	18°58	17°41	29° 6	n.a.	T 19
F 20	11 4 39	17°57'51	16°56	6°26	7° 4	25°56	27°52	3°38	23°28	6° 6	25°11	18°57	17°37	29°13	n.a.	F 20
S 21	11 8 35	18°55'57	2♎10	5°59	8°17	26°29	28° 0	3°35	23°31	6° 4	25°12	18°53	17°34	29°20	n.a.	S 21
S 22	11 12 32	19°54'01	17°21	5°36	9°31	27° 2	28° 8	3°33	23°34	6° 3	25°14	18°49	17°31	29°26	n.a.	S 22
M23	11 16 28	20°52'04	2♏18	5°18	10°44	27°35	28°17	3°30	23°37	6° 1	25°15	18°45	17°28	29°33	n.a.	M23
T 24	11 20 25	21°50'05	16°54	5° 4	11°57	28° 9	28°25	3°27	23°40	5°59	25°16	18°41	17°25	29°40	n.a.	T 24
W25	11 24 22	22°48'04	1♐ 4	4°56	13°11	28°42	28°34	3°25	23°43	5°58	25°17	18°38	17°22	29°46	n.a.	W25
T 26	11 28 18	23°46'03	14°47	4°D52	14°24	29°15	28°43	3°22	23°46	5°56	25°18	18°36	17°18	29°53	n.a.	T 26
F 27	11 32 15	24°43'59	28° 3	4°53	15°37	29°49	28°51	3°19	23°50	5°55	25°19	18°D36	17°15	29°59	n.a.	F 27
S 28	11 36 11	25°41'55	10♑56	4°58	16°50	0♊22	29° 0	3°16	23°53	5°53	25°20	18°36	17°12	0♈ 6	n.a.	S 28
S 29	11 40 8	26°39'49	23°28	5° 9	18° 3	0°56	29°10	3°13	23°56	5°52	25°20	18°38	17° 9	0°13	n.a.	S 29
M30	11 44 4	27°37'41	5♒44	5°24	19°17	1°29	29°19	3°10	23°59	5°50	25°21	18°39	17° 6	0°20	n.a.	M30
T 31	11 48 1	28♓35'32	17♒49	5♓43	20♈30	2♊ 3	29♉28	3♏ 7	24♈ 2	5♎48	25♑22	18°R40	17♌ 3	0♈26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s51	20s 3	3n 4	2s44	3n23	7s27	1s 2	18n24	1n39	19n27	0s 3	10s58	2n17	8n33	0s25	0s42	2n 7	33s40	12s23	15n20	15n29	4s 6			n.a.
M 2	11 30	19 13	2 3	2 37	3 27	6 57	1 1	18 34	1 39	19 29	0 3	10 57	2 17	8 34	0 25	0 41	2 7	33 40	12 23	15 19	15 30	4 4			n.a.
T 3	11 9	17 28	0 58	2 35	3 29	6 26	0 59	18 43	1 39	19 30	0 3	10 57	2 17	8 35	0 25	0 41	2 7	33 40	12 23	15 19	15 31	4 2			n.a.
W 4	10 48	14 57	0s 9	2 36	3 30	5 55	0 57	18 52	1 39	19 32	0 2	10 56	2 17	8 36	0 25	0 40	2 7	33 40	12 23	15 19	15 32	4 0			n.a.
T 5	10 26	11 50	1 14	2 41	3 30	5 24	0 55	19 1	1 39	19 33	0 2	10 56	2 17	8 37	0 25	0 40	2 7	33 40	12 24	15 19	15 33	3 58			n.a.
F 6	10 4	8 15	2 16	2 50	3 28	4 53	0 53	19 10	1 39	19 35	0 2	10 55	2 17	8 38	0 25	0 39	2 7	33 40	12 24	15 19	15 34	3 56			n.a.
S 7	9 43	4 22	3 12	3 2	3 25	4 22	0 51	19 19	1 39	19 36	0 2	10 55	2 18	8 39	0 25	0 39	2 7	33 40	12 24	15 20	15 35	3 54			n.a.
S 8	9 21	0 20	3 59	3 18	3 20	3 50	0 49	19 27	1 39	19 38	0 2	10 54	2 18	8 40	0 25	0 38	2 7	33 40	12 24	15 21	15 36	3 52			n.a.
M 9	8 59	3n43	4 36	3 37	3 13	3 19	0 47	19 36	1 39	19 40	0 2	10 53	2 18	8 41	0 25	0 38	2 7	33 40	12 24	15 22	15 37	3 50			n.a.
T 10	8 37	7 39	5 2	3 58	3 5	2 47	0 45	19 45	1 38	19 41	0 2	10 53	2 18	8 42	0 25	0 37	2 7	33 40	12 25	15 23	15 38	3 48			n.a.
W11	8 14	11 19	5 14	4 22	2 56	2 16	0 43	19 54	1 38	19 43	0 2	10 52	2 18	8 43	0 25	0 36	2 7	33 40	12 25	15 23	15 39	3 46			n.a.
T 12	7 52	14 34	5 13	4 47	2 45	1 44	0 41	20 2	1 38	19 45	0 1	10 51	2 18	8 44	0 25	0 36	2 7	33 40	12 25	15 24	15 40	3 43			n.a.
F 13	7 30	17 14	4 57	5 15	2 33	1 12	0 39	20 11	1 38	19 47	0 1	10 51	2 18	8 45	0 25	0 35	2 7	33 40	12 25	15 24	15 41	3 41			n.a.
S 14	7 7	19 8	4 26	5 43	2 20	0 40	0 37	20 19	1 38	19 49	0 1	10 50	2 19	8 46	0 25	0 35	2 7	33 40	12 26	15 24	15 42	3 39			n.a.
S 15	6 44	20 5	3 40	6 12	2 6	0 9	0 34	20 27	1 38	19 50	0 1	10 49	2 19	8 47	0 25	0 34	2 7	33 40	12 26	15 24	15 43	3 37			n.a.
M16	6 22	19 54	2 41	6 42	1 51	0n23	0 32	20 36	1 38	19 52	0 1	10 48	2 19	8 48	0 25	0 33	2 7	33 40	12 26	15 23	15 44	3 35			n.a.
T 17	5 59	18 29	1 30	7 11	1 35	0 55	0 30	20 44	1 38	19 54	0 1	10 48	2 19	8 49	0 25	0 33	2 7	33 40	12 27	15 23	15 45	3 33			n.a.
W18	5 36	15 50	0 11	7 40	1 19	1 27	0 27	20 52	1 37	19 56	0 1	10 47	2 19	8 50	0 25	0 32	2 7	33 40	12 27	15 23	15 46	3 31			n.a.
T 19	5 13	12 6	1n10	8 8	1 3	1 59	0 25	21 0	1 37	19 58	0 1	10 46	2 19	8 52	0 25	0 31	2 7	33 40	12 27	15 23	15 47	3 29			n.a.
F 20	4 50	7 30	2 27	8 35	0 47	2 30	0 22	21 8	1 37	20 0	0 0	10 45	2 19	8 53	0 25	0 31	2 7	33 40	12 27	15 23	15 48	3 27			n.a.
S 21	4 27	2 24	3 35	9 0	0 30	3 2	0 20	21 15	1 37	20 2	0 0	10 44	2 20	8 54	0 25	0 30	2 7	33 40	12 28	15 24	15 49	3 25			n.a.
S 22	4 4	2s49	4 27	9 23	0 14	3 34	0 17	21 23	1 37	20 4	0 0	10 43	2 20	8 55	0 25	0 30	2 7	33 40	12 28	15 26	15 50	3 23			n.a.
M23	3 41	7 47	5 0	9 45	0s 2	4 5	0 15	21 31	1 37	20 6	0 0	10 42	2 20	8 56	0 25	0 29	2 7	33 40	12 28	15 27	15 51	3 20			n.a.
T 24	3 17	12 10	5 12	10 4	0 17	4 37	0 12	21 38	1 37	20 8	0n 0	10 41	2 20	8 57	0 25	0 28	2 7	33 40	12 28	15 28	15 52	3 18			n.a.
W25	2 54	15 44	5 5	10 21	0 32	5 8	0 10	21 46	1 36	20 10	0 0	10 40	2 20	8 59	0 25	0 28	2 7	33 40	12 29	15 29	15 53	3 16			n.a.
T 26	2 31	18 18	4 41	10 36	0 47	5 39	0 7	21 53	1 36	20 12	0 0	10 39	2 20	9 0	0 25	0 27	2 8	33 40	12 29	15 30	15 54	3 14			n.a.
F 27	2 8	19 47	4 2	10 49	1 0	6 10	0 5	22 0	1 36	20 14	0 0	10 38	2 20	9 1	0 25	0 26	2 8	33 40	12 29	15 30	15 55	3 12			n.a.
S 28	1 44	20 12	3 11	10 59	1 14	6 41	0 2	22 7	1 36	20 16	0 1	10 37	2 20	9 2	0 25	0 26	2 8	33 40	12 30	15 30	15 56	3 10			n.a.
S 29	1 21	19 34	2 13	11 6	1 26	7 12	0n 1	22 14	1 36	20 19	0 1	10 35	2 20	9 3	0 24	0 25	2 8	33 41	12 30	15 29	15 57	3 8			n.a.
M30	0 57	18 1	1 10	11 12	1 38	7 43	0 3	22 21	1 36	20 21	0 1	10 34	2 21	9 5	0 24	0 24	2 8	33 41	12 30	15 29	15 58	3 6			n.a.
T 31	0s34	15s40	0n 5	11s14	1s48	8n13	0n 6	22n28	1n35	20n23	0n 1	10s33	2n21	9n 6	0s24	0s24	2n 8	33s41	12s31	15n29	15n59	3s 4			n.a.

Julian Day Number = 1295600.5, Delta T = 07h55m08s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°10'03, Lahiri = -20°03'03 Julian Calendar 1 March 1166 BCE == Greg. Calendar 18 Feb. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

APRIL 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 51 57	29♓33'22	29♒45	6♓ 7	21♈43	2♊37	29♉38	3°R 4	24♈ 6	5°R47	25♑23	18°R39	16♌59	0♈33	n.a.	W 1
T 2	11 55 54	0♈31'10	11♓36	6°35	22°56	3°11	29°47	3♏ 0	24° 9	5♎45	25°24	18♌37	16°56	0°40	n.a.	T 2
F 3	11 59 51	1°28'56	23°26	7° 8	24° 9	3°44	29°57	2°57	24°12	5°44	25°25	18°32	16°53	0°46	n.a.	F 3
S 4	12 3 47	2°26'41	5♈15	7°44	25°22	4°18	0♊ 7	2°53	24°16	5°42	25°26	18°26	16°50	0°53	n.a.	S 4
S 5	12 7 44	3°24'25	17° 6	8°24	26°35	4°52	0°16	2°50	24°19	5°40	25°26	18°18	16°47	1° 0	n.a.	S 5
M 6	12 11 40	4°22'07	29° 0	9° 8	27°48	5°27	0°26	2°46	24°22	5°39	25°27	18° 9	16°43	1° 6	n.a.	M 6
T 7	12 15 37	5°19'47	11♉ 0	9°56	29° 1	6° 1	0°36	2°43	24°26	5°37	25°28	18° 1	16°40	1°13	n.a.	T 7
W 8	12 19 33	6°17'26	23° 8	10°47	0♉13	6°35	0°47	2°39	24°29	5°35	25°29	17°53	16°37	1°20	n.a.	W 8
T 9	12 23 30	7°15'03	5♊25	11°41	1°26	7° 9	0°57	2°35	24°32	5°34	25°29	17°47	16°34	1°26	n.a.	T 9
F 10	12 27 26	8°12'39	17°55	12°39	2°39	7°43	1° 7	2°32	24°36	5°32	25°30	17°43	16°31	1°33	n.a.	F 10
S 11	12 31 23	9°10'13	0♋42	13°39	3°52	8°18	1°17	2°28	24°39	5°31	25°31	17°41	16°28	1°40	n.a.	S 11
S 12	12 35 19	10° 7'45	13°47	14°43	5° 4	8°52	1°28	2°24	24°43	5°29	25°31	17°D40	16°24	1°47	n.a.	S 12
M13	12 39 16	11° 5'16	27°16	15°50	6°17	9°27	1°39	2°20	24°46	5°27	25°32	17°41	16°21	1°53	n.a.	M13
T 14	12 43 13	12° 2'45	11♌10	16°59	7°30	10° 1	1°49	2°16	24°50	5°26	25°32	17°R42	16°18	2° 0	n.a.	T 14
W15	12 47 9	13° 0'13	25°29	18°12	8°42	10°36	2° 0	2°12	24°53	5°24	25°33	17°42	16°15	2° 7	n.a.	W15
T 16	12 51 6	13°57'39	10♍12	19°27	9°55	11°11	2°11	2° 8	24°56	5°22	25°34	17°40	16°12	2°13	n.a.	T 16
F 17	12 55 2	14°55'04	25°15	20°45	11° 7	11°45	2°22	2° 4	25° 0	5°21	25°34	17°36	16° 8	2°20	n.a.	F 17
S 18	12 58 59	15°52'27	10♎29	22° 5	12°20	12°20	2°33	2° 0	25° 3	5°19	25°35	17°30	16° 5	2°27	n.a.	S 18
S 19	13 2 55	16°49'49	25°44	23°28	13°32	12°55	2°44	1°56	25° 7	5°18	25°35	17°21	16° 2	2°33	n.a.	S 19
M20	13 6 52	17°47'10	10♏50	24°54	14°45	13°30	2°55	1°52	25°10	5°16	25°35	17°13	15°59	2°40	n.a.	M20
T 21	13 10 48	18°44'31	25°36	26°22	15°57	14° 4	3° 6	1°47	25°14	5°15	25°36	17° 4	15°56	2°47	n.a.	T 21
W22	13 14 45	19°41'50	9♐56	27°52	17° 9	14°39	3°17	1°43	25°17	5°13	25°36	16°57	15°53	2°53	n.a.	W22
T 23	13 18 42	20°39'09	23°46	29°26	18°22	15°14	3°29	1°39	25°21	5°11	25°37	16°52	15°49	3° 0	n.a.	T 23
F 24	13 22 38	21°36'27	7♑ 7	1♈ 1	19°34	15°49	3°40	1°35	25°24	5°10	25°37	16°49	15°46	3° 7	n.a.	F 24
S 25	13 26 35	22°33'45	20° 2	2°39	20°46	16°25	3°52	1°30	25°28	5° 8	25°37	16°D48	15°43	3°13	n.a.	S 25
S 26	13 30 31	23°31'01	2♒33	4°20	21°58	17° 0	4° 3	1°26	25°31	5° 7	25°38	16°48	15°40	3°20	n.a.	S 26
M27	13 34 28	24°28'18	14°46	6° 3	23°10	17°35	4°15	1°22	25°35	5° 5	25°38	16°R49	15°37	3°27	n.a.	M27
T 28	13 38 24	25°25'33	26°47	7°49	24°22	18°10	4°27	1°17	25°38	5° 4	25°38	16°48	15°34	3°34	n.a.	T 28
W29	13 42 21	26°22'48	8♓39	9°37	25°34	18°45	4°38	1°13	25°42	5° 2	25°38	16°46	15°30	3°40	n.a.	W29
T 30	13 46 17	27♈20'02	20♓28	11♈27	26♉47	19♊21	4♊50	1♏ 9	25♈46	5♎ 1	25♑39	16♌41	15♌27	3♈47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s11	12s41	1s 0	11s15	1s58	8n44	0n 9	22n35	1n35	20n25	0n 1	10s32	2n21	9n 7	0s24	0s23	2n 8	33s41	12s31	15n29	16n 0	3s 2		n.a.
T 2	0n13	9 11	2 1	11 13	2 8	9 14	0 11	22 41	1 35	20 27	0 1	10 31	2 21	9 8	0 24	0 22	2 8	33 41	12 31	15 30	16 1	2 59		n.a.
F 3	0 36	5 21	2 57	11 8	2 16	9 44	0 14	22 48	1 35	20 29	0 1	10 29	2 21	9 10	0 24	0 22	2 8	33 41	12 32	15 31	16 2	2 57		n.a.
S 4	0 59	1 19	3 45	11 1	2 24	10 13	0 17	22 54	1 35	20 32	0 1	10 28	2 21	9 11	0 24	0 21	2 8	33 41	12 32	15 33	16 3	2 55		n.a.
S 5	1 23	2n46	4 24	10 52	2 31	10 43	0 19	23 0	1 35	20 34	0 1	10 27	2 21	9 12	0 24	0 20	2 8	33 42	12 32	15 36	16 4	2 53		n.a.
M 6	1 46	6 46	4 51	10 41	2 37	11 12	0 22	23 7	1 34	20 36	0 2	10 26	2 21	9 13	0 24	0 20	2 8	33 42	12 33	15 38	16 5	2 51		n.a.
T 7	2 9	10 33	5 5	10 28	2 42	11 41	0 25	23 13	1 34	20 38	0 2	10 24	2 21	9 15	0 24	0 19	2 8	33 42	12 33	15 41	16 6	2 49		n.a.
W 8	2 32	13 55	5 6	10 12	2 47	12 10	0 27	23 18	1 34	20 41	0 2	10 23	2 21	9 16	0 24	0 19	2 8	33 42	12 33	15 43	16 7	2 47		n.a.
T 9	2 55	16 45	4 53	9 55	2 50	12 38	0 30	23 24	1 34	20 43	0 2	10 22	2 21	9 17	0 24	0 18	2 8	33 42	12 33	15 45	16 8	2 45		n.a.
F 10	3 18	18 51	4 26	9 35	2 54	13 6	0 33	23 30	1 34	20 45	0 2	10 20	2 21	9 18	0 24	0 17	2 8	33 42	12 34	15 47	16 9	2 42		n.a.
S 11	3 42	20 4	3 45	9 13	2 56	13 34	0 35	23 35	1 34	20 47	0 2	10 19	2 21	9 20	0 24	0 17	2 8	33 43	12 34	15 47	16 10	2 40		n.a.
S 12	4 4	20 15	2 52	8 50	2 57	14 1	0 38	23 41	1 33	20 50	0 2	10 18	2 22	9 21	0 24	0 16	2 8	33 43	12 34	15 47	16 11	2 38		n.a.
M13	4 27	19 17	1 48	8 24	2 58	14 28	0 41	23 46	1 33	20 52	0 2	10 16	2 22	9 22	0 24	0 15	2 8	33 43	12 35	15 47	16 12	2 36		n.a.
T 14	4 50	17 9	0 35	7 57	2 58	14 55	0 43	23 51	1 33	20 54	0 2	10 15	2 22	9 24	0 24	0 15	2 8	33 43	12 35	15 47	16 13	2 34		n.a.
W15	5 13	13 53	0n42	7 28	2 58	15 22	0 46	23 56	1 33	20 57	0 3	10 13	2 22	9 25	0 24	0 14	2 8	33 43	12 36	15 47	16 14	2 32		n.a.
T 16	5 36	9 40	1 58	6 57	2 57	15 48	0 49	24 1	1 33	20 59	0 3	10 12	2 22	9 26	0 24	0 13	2 8	33 44	12 36	15 47	16 15	2 30		n.a.
F 17	5 58	4 46	3 7	6 24	2 55	16 13	0 51	24 5	1 32	21 1	0 3	10 10	2 22	9 27	0 24	0 13	2 8	33 44	12 36	15 49	16 15	2 28		n.a.
S 18	6 21	0s29	4 4	5 49	2 52	16 38	0 54	24 10	1 32	21 3	0 3	10 9	2 22	9 29	0 24	0 12	2 8	33 44	12 37	15 51	16 16	2 25		n.a.
S 19	6 43	5 43	4 43	5 13	2 49	17 3	0 56	24 14	1 32	21 6	0 3	10 8	2 22	9 30	0 24	0 11	2 8	33 44	12 37	15 53	16 17	2 23		n.a.
M20	7 5	10 32	5 3	4 35	2 46	17 27	0 59	24 19	1 32	21 8	0 3	10 6	2 22	9 31	0 24	0 11	2 8	33 45	12 37	15 56	16 18	2 21		n.a.
T 21	7 28	14 36	5 1	3 56	2 41	17 51	1 1	24 23	1 31	21 10	0 3	10 5	2 22	9 33	0 24	0 10	2 8	33 45	12 38	15 58	16 19	2 19		n.a.
W22	7 50	17 41	4 41	3 15	2 36	18 15	1 4	24 27	1 31	21 13	0 3	10 3	2 22	9 34	0 24	0 10	2 7	33 45	12 38	16 1	16 20	2 17		n.a.
T 23	8 12	19 37	4 4	2 32	2 31	18 38	1 6	24 30	1 31	21 15	0 3	10 2	2 22	9 35	0 24	0 9	2 7	33 45	12 38	16 2	16 21	2 15		n.a.
F 24	8 33	20 23	3 15	1 48	2 25	19 0	1 8	24 34	1 31	21 17	0 3	10 0	2 22	9 37	0 24	0 8	2 7	33 46	12 39	16 3	16 22	2 13		n.a.
S 25	8 55	20 2	2 18	1 2	2 18	19 22	1 11	24 38	1 31	21 20	0 4	9 59	2 22	9 38	0 24	0 8	2 7	33 46	12 39	16 3	16 23	2 10		n.a.
S 26	9 17	18 41	1 15	0 15	2 11	19 44	1 13	24 41	1 30	21 22	0 4	9 57	2 22	9 39	0 24	0 7	2 7	33 46	12 39	16 3	16 24	2 8		n.a.
M27	9 38	16 30	0 11	0n34	2 3	20 5	1 15	24 44	1 30	21 24	0 4	9 56	2 22	9 40	0 24	0 7	2 7	33 46	12 40	16 3	16 25	2 6		n.a.
T 28	9 59	13 37	0s53	1 23	1 55	20 26	1 18	24 47	1 30	21 27	0 4	9 54	2 22	9 42	0 24	0 6	2 7	33 47	12 40	16 3	16 26	2 4		n.a.
W29	10 21	10 12	1 54	2 14	1 47	20 46	1 20	24 50	1 30	21 29	0 4	9 53	2 22	9 43	0 24	0 5	2 7	33 47	12 40	16 4	16 27	2 2		n.a.
T 30	10n42	6s25	2s49	3n 6	1s38	21n 5	1n22	24n53	1n29	21n31	0n 4	9s51	2n22	9n44	0s24	0s 5	2n 7	33s47	12s41	16n 5	16n28	2s 0		n.a.

Julian Day Number = 1295631.5, Delta T = 07h55m07s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'59, Lahiri = -20°02'59 Julian Calendar 1 Apr. 1166 BCE == Greg. Calendar 21 March 1166 BCE

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

MAY 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 50 14	28♈17'15	2♈16	13♈20	27♉58	19♊56	5♊ 2	1°R 4	25♈49	4°R59	25♑39	16°R34	15♌24	3♈54	n.a.	F 1
S 2	13 54 11	29°14'28	14° 7	15°14	29°10	20°32	5°14	1♏ 0	25°53	4♎58	25°39	16♌24	15°21	4° 0	n.a.	S 2
S 3	13 58 7	0♉11'41	26° 3	17°12	0♊22	21° 7	5°26	0°56	25°56	4°56	25°39	16°12	15°18	4° 7	n.a.	S 3
M 4	14 2 4	1° 8'53	8♉ 5	19°11	1°34	21°43	5°38	0°51	26° 0	4°55	25°39	15°59	15°14	4°14	n.a.	M 4
T 5	14 6 0	2° 6'04	20°14	21°12	2°46	22°18	5°50	0°47	26° 3	4°54	25°39	15°46	15°11	4°20	n.a.	T 5
W 6	14 9 57	3° 3'14	2♊32	23°16	3°58	22°54	6° 2	0°42	26° 7	4°52	25°39	15°35	15° 8	4°27	n.a.	W 6
T 7	14 13 53	4° 0'24	14°59	25°21	5° 9	23°30	6°15	0°38	26°10	4°51	25°39	15°25	15° 5	4°34	n.a.	T 7
F 8	14 17 50	4°57'33	27°38	27°28	6°21	24° 5	6°27	0°34	26°14	4°50	25°R39	15°18	15° 2	4°40	n.a.	F 8
S 9	14 21 47	5°54'41	10♋30	29°36	7°33	24°41	6°39	0°29	26°17	4°48	25°39	15°13	14°59	4°47	n.a.	S 9
S 10	14 25 43	6°51'49	23°38	1♉45	8°44	25°17	6°52	0°25	26°21	4°47	25°39	15°11	14°55	4°54	n.a.	S 10
M11	14 29 40	7°48'56	7♌ 3	3°55	9°56	25°53	7° 4	0°20	26°24	4°46	25°39	15°11	14°52	5° 0	n.a.	M11
T 12	14 33 36	8°46'02	20°49	6° 6	11° 7	26°29	7°16	0°16	26°27	4°44	25°39	15°11	14°49	5° 7	n.a.	T 12
W13	14 37 33	9°43'08	4♍56	8°17	12°19	27° 5	7°29	0°12	26°31	4°43	25°39	15°10	14°46	5°14	n.a.	W13
T 14	14 41 29	10°40'13	19°25	10°28	13°30	27°41	7°41	0° 8	26°34	4°42	25°39	15° 7	14°43	5°21	n.a.	T 14
F 15	14 45 26	11°37'17	4♎11	12°39	14°41	28°17	7°54	0° 3	26°38	4°41	25°39	15° 2	14°40	5°27	n.a.	F 15
S 16	14 49 22	12°34'21	19°10	14°50	15°53	28°53	8° 7	29♎59	26°41	4°39	25°38	14°54	14°36	5°34	n.a.	S 16
S 17	14 53 19	13°31'24	4♏14	17° 0	17° 4	29°29	8°19	29°55	26°45	4°38	25°38	14°44	14°33	5°41	n.a.	S 17
M18	14 57 16	14°28'27	19°11	19° 9	18°15	0♋ 5	8°32	29°51	26°48	4°37	25°38	14°33	14°30	5°47	n.a.	M18
T 19	15 1 12	15°25'31	3♐54	21°17	19°26	0°41	8°45	29°46	26°51	4°36	25°38	14°22	14°27	5°54	n.a.	T 19
W20	15 5 9	16°22'34	18°14	23°24	20°37	1°17	8°58	29°42	26°55	4°35	25°37	14°13	14°24	6° 1	n.a.	W20
T 21	15 9 5	17°19'37	2♑ 7	25°29	21°48	1°54	9°10	29°38	26°58	4°34	25°37	14° 6	14°20	6° 7	n.a.	T 21
F 22	15 13 2	18°16'41	15°32	27°33	22°59	2°30	9°23	29°34	27° 2	4°33	25°37	14° 2	14°17	6°14	n.a.	F 22
S 23	15 16 58	19°13'44	28°29	29°35	24°10	3° 6	9°36	29°30	27° 5	4°32	25°36	14° 0	14°14	6°21	n.a.	S 23
S 24	15 20 55	20°10'48	11♒ 3	1♊35	25°21	3°43	9°49	29°26	27° 8	4°30	25°36	13°D59	14°11	6°28	n.a.	S 24
M25	15 24 51	21° 7'52	23°18	3°33	26°31	4°19	10° 2	29°22	27°11	4°29	25°36	13°R59	14° 8	6°34	n.a.	M25
T 26	15 28 48	22° 4'57	5♓19	5°30	27°42	4°56	10°15	29°18	27°15	4°29	25°35	13°58	14° 5	6°41	n.a.	T 26
W27	15 32 45	23° 2'02	17°11	7°24	28°53	5°32	10°28	29°15	27°18	4°28	25°35	13°56	14° 1	6°48	n.a.	W27
T 28	15 36 41	23°59'07	29° 1	9°17	0♋ 3	6° 9	10°41	29°11	27°21	4°27	25°34	13°52	13°58	6°54	n.a.	T 28
F 29	15 40 38	24°56'13	10♈51	11° 7	1°14	6°46	10°54	29° 7	27°24	4°26	25°34	13°45	13°55	7° 1	n.a.	F 29
S 30	15 44 34	25°53'19	22°46	12°56	2°24	7°22	11° 7	29° 3	27°28	4°25	25°33	13°36	13°52	7° 8	n.a.	S 30
S 31	15 48 31	26♉50'25	4♉48	14♊42	3♋34	7♋59	11♊20	29♎ 0	27♈31	4♎24	25♑33	13♌24	13♌49	7♈14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 2	2s23	3s37	4n 0	1s28	21n24	1n24	24n56	1n29	21n33	0n 4	9s50	2n22	9n46	0s24	0s 4	2n 7	33s48	12s41	16n 8	16n29	1s58		n.a.
S 2	11 23	1n45	4 15	4 54	1 18	21 42	1 26	24 58	1 29	21 36	0 4	9 48	2 22	9 47	0 24	0 4	2 7	33 48	12 41	16 11	16 30	1 55		n.a.
S 3	11 43	5 50	4 43	5 49	1 8	22 0	1 28	25 0	1 29	21 38	0 4	9 47	2 22	9 48	0 24	0 3	2 7	33 48	12 42	16 14	16 31	1 53		n.a.
M 4	12 4	9 44	4 58	6 44	0 58	22 17	1 30	25 2	1 28	21 40	0 5	9 45	2 22	9 50	0 24	0 3	2 7	33 49	12 42	16 18	16 32	1 51		n.a.
T 5	12 24	13 17	5 0	7 40	0 47	22 33	1 32	25 4	1 28	21 42	0 5	9 44	2 21	9 51	0 24	0 2	2 7	33 49	12 42	16 22	16 33	1 49		n.a.
W 6	12 44	16 18	4 48	8 37	0 37	22 49	1 34	25 6	1 28	21 45	0 5	9 42	2 21	9 52	0 24	0 2	2 7	33 49	12 43	16 26	16 34	1 47		n.a.
T 7	13 4	18 38	4 22	9 34	0 26	23 5	1 36	25 8	1 28	21 47	0 5	9 41	2 21	9 53	0 24	0 1	2 7	33 50	12 43	16 29	16 35	1 45		n.a.
F 8	13 23	20 5	3 43	10 30	0 15	23 19	1 37	25 9	1 28	21 49	0 5	9 39	2 21	9 55	0 24	0 1	2 7	33 50	12 44	16 31	16 36	1 42		n.a.
S 9	13 43	20 33	2 52	11 27	0 4	23 33	1 39	25 11	1 27	21 51	0 5	9 38	2 21	9 56	0 24	0 0	2 7	33 50	12 44	16 32	16 36	1 40		n.a.
S 10	14 2	19 54	1 51	12 23	0n 6	23 47	1 41	25 12	1 27	21 54	0 5	9 36	2 21	9 57	0 24	0n 0	2 7	33 51	12 44	16 33	16 37	1 38		n.a.
M11	14 21	18 7	0 43	13 18	0 17	23 59	1 42	25 13	1 27	21 56	0 5	9 35	2 21	9 59	0 24	0 1	2 7	33 51	12 45	16 33	16 38	1 36		n.a.
T 12	14 39	15 16	0n30	14 12	0 27	24 11	1 44	25 14	1 26	21 58	0 5	9 33	2 21	10 0	0 24	0 1	2 7	33 51	12 45	16 33	16 39	1 34		n.a.
W13	14 58	11 26	1 42	15 5	0 37	24 23	1 45	25 14	1 26	22 0	0 5	9 32	2 21	10 1	0 24	0 2	2 7	33 52	12 45	16 33	16 40	1 32		n.a.
T 14	15 16	6 52	2 50	15 57	0 47	24 33	1 47	25 15	1 26	22 3	0 6	9 30	2 21	10 2	0 24	0 2	2 7	33 52	12 46	16 34	16 41	1 29		n.a.
F 15	15 34	1 47	3 48	16 47	0 56	24 43	1 48	25 15	1 26	22 5	0 6	9 29	2 21	10 4	0 24	0 3	2 7	33 53	12 46	16 35	16 42	1 27		n.a.
S 16	15 52	3s27	4 31	17 35	1 5	24 53	1 49	25 15	1 25	22 7	0 6	9 28	2 21	10 5	0 24	0 3	2 7	33 53	12 46	16 38	16 43	1 25		n.a.
S 17	16 9	8 30	4 56	18 21	1 13	25 1	1 50	25 15	1 25	22 9	0 6	9 26	2 20	10 6	0 24	0 4	2 7	33 53	12 47	16 41	16 44	1 23		n.a.
M18	16 27	13 0	5 0	19 5	1 20	25 9	1 51	25 15	1 25	22 11	0 6	9 25	2 20	10 7	0 24	0 4	2 7	33 54	12 47	16 44	16 45	1 21		n.a.
T 19	16 44	16 38	4 44	19 47	1 27	25 16	1 52	25 14	1 25	22 13	0 6	9 23	2 20	10 9	0 24	0 5	2 7	33 54	12 47	16 47	16 46	1 18		n.a.
W20	17 0	19 9	4 10	20 26	1 34	25 23	1 53	25 14	1 24	22 15	0 6	9 22	2 20	10 10	0 24	0 5	2 7	33 54	12 48	16 50	16 47	1 16		n.a.
T 21	17 17	20 27	3 22	21 3	1 39	25 28	1 54	25 13	1 24	22 17	0 6	9 21	2 20	10 11	0 24	0 5	2 7	33 55	12 48	16 52	16 48	1 14		n.a.
F 22	17 33	20 31	2 24	21 37	1 44	25 33	1 55	25 12	1 24	22 20	0 6	9 19	2 20	10 12	0 24	0 6	2 6	33 55	12 48	16 53	16 49	1 12		n.a.
S 23	17 49	19 29	1 21	22 9	1 48	25 38	1 56	25 11	1 24	22 22	0 6	9 18	2 20	10 14	0 24	0 6	2 6	33 56	12 49	16 54	16 50	1 10		n.a.
S 24	18 5	17 30	0 16	22 39	1 52	25 41	1 56	25 10	1 23	22 24	0 7	9 17	2 20	10 15	0 24	0 6	2 6	33 56	12 49	16 54	16 51	1 8		n.a.
M25	18 20	14 45	0s49	23 5	1 55	25 44	1 57	25 9	1 23	22 26	0 7	9 16	2 19	10 16	0 24	0 7	2 6	33 56	12 49	16 54	16 52	1 5		n.a.
T 26	18 35	11 25	1 50	23 29	1 57	25 46	1 57	25 7	1 23	22 28	0 7	9 14	2 19	10 17	0 24	0 7	2 6	33 57	12 50	16 54	16 52	1 3		n.a.
W27	18 50	7 41	2 46	23 51	1 59	25 47	1 58	25 5	1 22	22 30	0 7	9 13	2 19	10 18	0 24	0 8	2 6	33 57	12 50	16 55	16 53	1 1		n.a.
T 28	19 5	3 40	3 34	24 10	2 0	25 48	1 58	25 3	1 22	22 32	0 7	9 12	2 19	10 20	0 24	0 8	2 6	33 58	12 50	16 56	16 54	0 59		n.a.
F 29	19 19	0n29	4 13	24 27	2 0	25 48	1 58	25 1	1 22	22 34	0 7	9 11	2 19	10 21	0 24	0 8	2 6	33 58	12 51	16 58	16 55	0 57		n.a.
S 30	19 33	4 39	4 42	24 42	1 59	25 47	1 58	24 59	1 22	22 36	0 7	9 10	2 19	10 22	0 24	0 8	2 6	33 58	12 51	17 1	16 56	0 54		n.a.
S 31	19n46	8n40	4s58	24n54	1n58	25n45	1n58	24n56	1n21	22n38	0n 7	9s 8	2n19	10n23	0s24	0n 9	2n 6	33s59	12s51	17n 4	16n57	0s52		n.a.

Julian Day Number = 1295661.5, Delta T = 07h55m05s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'55, Lahiri = -20°02'55 Julian Calendar 1 May 1166 BCE == Greg. Calendar 20 Apr. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

JUNE 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 52 27	27♉47'32	16♉59	16♊27	4♋45	8♋36	11♊33	28°R56	27♈34	4°R23	25°R32	13°R11	13♌45	7♈21	n.a.	M 1
T 2	15 56 24	28°44'39	29°21	18°10	5°55	9°13	11°46	28♎53	27°37	4♎22	25♑32	12♌59	13°42	7°28	n.a.	T 2
W 3	16 0 21	29°41'47	11♊54	19°50	7° 5	9°50	12° 0	28°49	27°40	4°22	25°31	12°47	13°39	7°34	n.a.	W 3
T 4	16 4 17	0♊38'55	24°38	21°29	8°15	10°26	12°13	28°46	27°43	4°21	25°30	12°37	13°36	7°41	n.a.	T 4
F 5	16 8 14	1°36'03	7♋33	23° 6	9°25	11° 3	12°26	28°42	27°46	4°20	25°30	12°30	13°33	7°48	n.a.	F 5
S 6	16 12 10	2°33'12	20°39	24°40	10°35	11°40	12°39	28°39	27°49	4°20	25°29	12°26	13°30	7°55	n.a.	S 6
S 7	16 16 7	3°30'21	3♌58	26°13	11°45	12°17	12°52	28°36	27°52	4°19	25°28	12°24	13°26	8° 1	n.a.	S 7
M 8	16 20 3	4°27'30	17°30	27°43	12°55	12°55	13° 6	28°33	27°55	4°18	25°28	12°D24	13°23	8° 8	n.a.	M 8
T 9	16 24 0	5°24'39	1♍16	29°12	14° 5	13°32	13°19	28°30	27°58	4°18	25°27	12°R25	13°20	8°15	n.a.	T 9
W10	16 27 56	6°21'49	15°17	0♋38	15°14	14° 9	13°32	28°27	28° 1	4°17	25°26	12°24	13°17	8°21	n.a.	W10
T 11	16 31 53	7°18'59	29°32	2° 3	16°24	14°46	13°45	28°24	28° 4	4°17	25°26	12°22	13°14	8°28	n.a.	T 11
F 12	16 35 50	8°16'09	14♎ 1	3°25	17°33	15°23	13°59	28°21	28° 7	4°16	25°25	12°18	13°11	8°35	n.a.	F 12
S 13	16 39 46	9°13'20	28°38	4°45	18°43	16° 1	14°12	28°18	28°10	4°16	25°24	12°12	13° 7	8°41	n.a.	S 13
S 14	16 43 43	10°10'31	13♏19	6° 3	19°52	16°38	14°25	28°15	28°13	4°15	25°23	12° 4	13° 4	8°48	n.a.	S 14
M15	16 47 39	11° 7'43	27°55	7°18	21° 1	17°15	14°39	28°13	28°16	4°15	25°22	11°55	13° 1	8°55	n.a.	M15
T 16	16 51 36	12° 4'55	12♐21	8°31	22°10	17°53	14°52	28°10	28°18	4°14	25°21	11°45	12°58	9° 2	n.a.	T 16
W17	16 55 32	13° 2'09	26°28	9°42	23°19	18°30	15° 5	28° 8	28°21	4°14	25°21	11°38	12°55	9° 8	n.a.	W17
T 18	16 59 29	13°59'23	10♑13	10°51	24°28	19° 8	15°18	28° 5	28°24	4°14	25°20	11°32	12°51	9°15	n.a.	T 18
F 19	17 3 26	14°56'39	23°34	11°56	25°37	19°45	15°32	28° 3	28°27	4°13	25°19	11°28	12°48	9°22	n.a.	F 19
S 20	17 7 22	15°53'55	6♒31	12°59	26°46	20°23	15°45	28° 1	28°29	4°13	25°18	11°D27	12°45	9°28	n.a.	S 20
S 21	17 11 19	16°51'13	19° 6	14° 0	27°54	21° 0	15°58	27°59	28°32	4°13	25°17	11°27	12°42	9°35	n.a.	S 21
M22	17 15 15	17°48'32	1♓22	14°57	29° 3	21°38	16°12	27°56	28°34	4°13	25°16	11°28	12°39	9°42	n.a.	M22
T 23	17 19 12	18°45'52	13°25	15°52	0♌11	22°16	16°25	27°54	28°37	4°13	25°15	11°R28	12°36	9°48	n.a.	T 23
W24	17 23 8	19°43'13	25°20	16°43	1°20	22°53	16°38	27°53	28°40	4°12	25°14	11°28	12°32	9°55	n.a.	W24
T 25	17 27 5	20°40'36	7♈11	17°32	2°28	23°31	16°52	27°51	28°42	4°12	25°13	11°27	12°29	10° 2	n.a.	T 25
F 26	17 31 1	21°38'00	19° 4	18°16	3°36	24° 9	17° 5	27°49	28°44	4°12	25°12	11°23	12°26	10° 9	n.a.	F 26
S 27	17 34 58	22°35'25	1♉ 2	18°58	4°44	24°47	17°18	27°47	28°47	4°12	25°11	11°18	12°23	10°15	n.a.	S 27
S 28	17 38 55	23°32'52	13°10	19°35	5°52	25°25	17°31	27°46	28°49	4°D12	25°10	11°11	12°20	10°22	n.a.	S 28
M29	17 42 51	24°30'20	25°30	20° 9	6°59	26° 3	17°45	27°44	28°52	4°12	25° 9	11° 3	12°17	10°29	n.a.	M29
T 30	17 46 48	25♊27'50	8♊ 4	20♋38	8♌ 7	26♋41	17♊58	27♎43	28♈54	4♎12	25♑ 8	10♌54	12♌13	10♈35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n59	12n23	5s 0	25n 4	1n57	25n43	1n58	24n54	1n21	22n40	0n 7	9s 7	2n18	10n24	0s24	0n 9	2n 6	33s59	12s52	17n 8	16n58	0s50		n.a.
T 2	20 12	15 38	4 49	25 11	1 54	25 40	1 58	24 51	1 21	22 41	0 7	9 6	2 18	10 25	0 24	0 9	2 6	34 0	12 52	17 12	16 59	0 48		n.a.
W 3	20 25	18 14	4 24	25 17	1 51	25 36	1 58	24 48	1 20	22 43	0 8	9 5	2 18	10 27	0 24	0 10	2 6	34 0	12 52	17 15	17 0	0 46		n.a.
T 4	20 37	19 59	3 45	25 21	1 48	25 31	1 57	24 45	1 20	22 45	0 8	9 4	2 18	10 28	0 24	0 10	2 6	34 1	12 53	17 18	17 1	0 43		n.a.
F 5	20 49	20 43	2 54	25 23	1 44	25 26	1 57	24 41	1 20	22 47	0 8	9 3	2 18	10 29	0 24	0 10	2 6	34 1	12 53	17 20	17 2	0 41		n.a.
S 6	21 1	20 21	1 53	25 23	1 40	25 20	1 56	24 38	1 19	22 49	0 8	9 2	2 17	10 30	0 24	0 10	2 6	34 1	12 53	17 21	17 3	0 39		n.a.
S 7	21 12	18 51	0 45	25 21	1 35	25 13	1 56	24 34	1 19	22 51	0 8	9 1	2 17	10 31	0 24	0 10	2 6	34 2	12 53	17 21	17 4	0 37		n.a.
M 8	21 23	16 16	0n27	25 18	1 29	25 6	1 55	24 30	1 19	22 53	0 8	9 0	2 17	10 32	0 24	0 11	2 6	34 2	12 54	17 22	17 5	0 35		n.a.
T 9	21 33	12 44	1 39	25 13	1 23	24 58	1 54	24 26	1 19	22 54	0 8	8 59	2 17	10 33	0 24	0 11	2 5	34 3	12 54	17 21	17 5	0 32		n.a.
W10	21 43	8 26	2 46	25 6	1 16	24 49	1 53	24 22	1 18	22 56	0 8	8 58	2 17	10 34	0 24	0 11	2 5	34 3	12 54	17 22	17 6	0 30		n.a.
T 11	21 53	3 36	3 43	24 58	1 9	24 39	1 52	24 17	1 18	22 58	0 8	8 57	2 17	10 35	0 24	0 11	2 5	34 4	12 55	17 22	17 7	0 28		n.a.
F 12	22 3	1s30	4 28	24 49	1 2	24 29	1 51	24 13	1 18	23 0	0 8	8 57	2 16	10 36	0 24	0 11	2 5	34 4	12 55	17 23	17 8	0 26		n.a.
S 13	22 12	6 34	4 55	24 39	0 54	24 19	1 50	24 8	1 17	23 1	0 9	8 56	2 16	10 37	0 24	0 11	2 5	34 4	12 55	17 25	17 9	0 24		n.a.
S 14	22 20	11 16	5 4	24 27	0 46	24 7	1 48	24 3	1 17	23 3	0 9	8 55	2 16	10 38	0 24	0 12	2 5	34 5	12 55	17 27	17 10	0 21		n.a.
M15	22 29	15 17	4 52	24 15	0 37	23 55	1 47	23 58	1 17	23 5	0 9	8 54	2 16	10 39	0 24	0 12	2 5	34 5	12 56	17 30	17 11	0 19		n.a.
T 16	22 37	18 19	4 22	24 1	0 28	23 42	1 45	23 52	1 16	23 6	0 9	8 53	2 15	10 40	0 24	0 12	2 5	34 6	12 56	17 33	17 12	0 17		n.a.
W17	22 44	20 11	3 36	23 47	0 19	23 29	1 44	23 47	1 16	23 8	0 9	8 53	2 15	10 41	0 24	0 12	2 5	34 6	12 56	17 35	17 13	0 15		n.a.
T 18	22 51	20 47	2 39	23 32	0 9	23 15	1 42	23 41	1 16	23 9	0 9	8 52	2 15	10 42	0 24	0 12	2 5	34 7	12 56	17 36	17 14	0 13		n.a.
F 19	22 58	20 11	1 34	23 16	0s 2	23 0	1 40	23 35	1 15	23 11	0 9	8 51	2 15	10 43	0 24	0 12	2 5	34 7	12 57	17 37	17 15	0 10		n.a.
S 20	23 4	18 31	0 26	22 59	0 12	22 45	1 38	23 29	1 15	23 13	0 9	8 51	2 15	10 44	0 24	0 12	2 5	34 7	12 57	17 38	17 16	0 8		n.a.
S 21	23 10	15 59	0s41	22 42	0 23	22 29	1 36	23 23	1 15	23 14	0 9	8 50	2 14	10 45	0 24	0 12	2 5	34 8	12 57	17 38	17 16	0 6		n.a.
M22	23 16	12 48	1 45	22 25	0 34	22 13	1 34	23 17	1 14	23 16	0 10	8 50	2 14	10 46	0 24	0 12	2 5	34 8	12 57	17 38	17 17	0 4		n.a.
T 23	23 21	9 7	2 43	22 7	0 46	21 56	1 32	23 10	1 14	23 17	0 10	8 49	2 14	10 47	0 24	0 12	2 5	34 9	12 58	17 37	17 18	0 1		n.a.
W24	23 26	5 9	3 34	21 49	0 57	21 38	1 29	23 4	1 14	23 19	0 10	8 49	2 14	10 48	0 24	0 12	2 4	34 9	12 58	17 37	17 19	0n 1		n.a.
T 25	23 30	0 59	4 15	21 31	1 9	21 20	1 27	22 57	1 13	23 20	0 10	8 48	2 13	10 49	0 24	0 12	2 4	34 10	12 58	17 38	17 20	0 3		n.a.
F 26	23 34	3n12	4 45	21 13	1 21	21 2	1 24	22 50	1 13	23 21	0 10	8 48	2 13	10 50	0 24	0 12	2 4	34 10	12 58	17 39	17 21	0 5		n.a.
S 27	23 37	7 18	5 3	20 55	1 34	20 43	1 21	22 43	1 13	23 23	0 10	8 48	2 13	10 51	0 24	0 12	2 4	34 10	12 59	17 40	17 22	0 7		n.a.
S 28	23 40	11 10	5 7	20 37	1 46	20 23	1 19	22 35	1 12	23 24	0 10	8 47	2 13	10 51	0 24	0 12	2 4	34 11	12 59	17 42	17 23	0 10		n.a.
M29	23 43	14 38	4 58	20 20	1 59	20 3	1 16	22 28	1 12	23 26	0 10	8 47	2 12	10 52	0 24	0 12	2 4	34 11	12 59	17 45	17 24	0 12		n.a.
T 30	23n45	17n30	4s34	20n 3	2s11	19n42	1n13	22n20	1n11	23n27	0n10	8s47	2n12	10n53	0s24	0n12	2n 4	34s12	12s59	17n47	17n25	0n14		n.a.

Julian Day Number = 1295692.5, Delta T = 07h55m03s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'51, Lahiri = -20°02'50 Julian Calendar 1 June 1166 BCE == Greg. Calendar 21 May 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

JULY 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 50 44	26♊25'20	20♊53	21♋ 3	9♌15	27♋19	18♊11	27°R42	28♈56	4♎12	25°R 7	10°R47	12♌10	10♈42	n.a.	W 1
T 2	17 54 41	27°22'53	3♋56	21°24	10°22	27°57	18°24	27♎40	28°58	4°13	25♉ 6	10♌41	12° 7	10°49	n.a.	T 2
F 3	17 58 37	28°20'26	17°12	21°39	11°29	28°35	18°38	27°39	29° 0	4°13	25° 5	10°36	12° 4	10°56	n.a.	F 3
S 4	18 2 34	29°18'01	0♌41	21°50	12°36	29°14	18°51	27°38	29° 3	4°13	25° 3	10°34	12° 1	11° 2	n.a.	S 4
S 5	18 6 30	0♋15'37	14°20	21°56	13°43	29°52	19° 4	27°37	29° 5	4°13	25° 2	10°D34	11°57	11° 9	n.a.	S 5
M 6	18 10 27	1°13'14	28° 9	21°R56	14°50	0♌30	19°17	27°37	29° 7	4°13	25° 1	10°35	11°54	11°16	n.a.	M 6
T 7	18 14 24	2°10'52	12♍ 7	21°51	15°57	1° 8	19°30	27°36	29° 9	4°14	25° 0	10°36	11°51	11°22	n.a.	T 7
W 8	18 18 20	3° 8'31	26°12	21°40	17° 3	1°47	19°43	27°35	29°11	4°14	24°59	10°37	11°48	11°29	n.a.	W 8
T 9	18 22 17	4° 6'11	10♎23	21°24	18°10	2°25	19°57	27°35	29°13	4°14	24°58	10°R37	11°45	11°36	n.a.	T 9
F 10	18 26 13	5° 3'53	24°38	21° 2	19°16	3° 4	20°10	27°34	29°15	4°15	24°57	10°36	11°42	11°42	n.a.	F 10
S 11	18 30 10	6° 1'36	8♏55	20°35	20°22	3°42	20°23	27°34	29°16	4°15	24°55	10°33	11°38	11°49	n.a.	S 11
S 12	18 34 6	6°59'20	23°10	20° 2	21°28	4°21	20°36	27°34	29°18	4°16	24°54	10°29	11°35	11°56	n.a.	S 12
M13	18 38 3	7°57'06	7♐19	19°24	22°33	4°59	20°49	27°34	29°20	4°16	24°53	10°24	11°32	12° 3	n.a.	M13
T 14	18 41 59	8°54'53	21°18	18°42	23°39	5°38	21° 2	27°D33	29°22	4°17	24°52	10°19	11°29	12° 9	n.a.	T 14
W15	18 45 56	9°52'41	5♑ 3	17°56	24°44	6°17	21°15	27°34	29°23	4°17	24°51	10°15	11°26	12°16	n.a.	W15
T 16	18 49 53	10°50'31	18°30	17° 6	25°49	6°56	21°28	27°34	29°25	4°18	24°49	10°12	11°23	12°23	n.a.	T 16
F 17	18 53 49	11°48'23	1♒39	16°14	26°54	7°34	21°40	27°34	29°27	4°18	24°48	10°11	11°19	12°29	n.a.	F 17
S 18	18 57 46	12°46'17	14°28	15°20	27°59	8°13	21°53	27°34	29°28	4°19	24°47	10°D10	11°16	12°36	n.a.	S 18
S 19	19 1 42	13°44'12	27° 0	14°26	29° 3	8°52	22° 6	27°35	29°30	4°20	24°46	10°11	11°13	12°43	n.a.	S 19
M20	19 5 39	14°42'09	9♓15	13°32	0♍ 8	9°31	22°19	27°35	29°31	4°20	24°44	10°13	11°10	12°50	n.a.	M20
T 21	19 9 35	15°40'08	21°19	12°40	1°12	10°10	22°32	27°36	29°32	4°21	24°43	10°14	11° 7	12°56	n.a.	T 21
W22	19 13 32	16°38'10	3♈14	11°50	2°16	10°49	22°44	27°36	29°34	4°22	24°42	10°16	11° 3	13° 3	n.a.	W22
T 23	19 17 28	17°36'13	15° 6	11° 5	3°19	11°28	22°57	27°37	29°35	4°23	24°41	10°R16	11° 0	13°10	n.a.	T 23
F 24	19 21 25	18°34'18	27° 0	10°24	4°23	12° 7	23°10	27°38	29°36	4°23	24°39	10°16	10°57	13°16	n.a.	F 24
S 25	19 25 22	19°32'26	9♉ 0	9°49	5°26	12°46	23°22	27°39	29°38	4°24	24°38	10°15	10°54	13°23	n.a.	S 25
S 26	19 29 18	20°30'35	21°10	9°21	6°29	13°25	23°35	27°40	29°39	4°25	24°37	10°13	10°51	13°30	n.a.	S 26
M27	19 33 15	21°28'47	3♊34	9° 1	7°31	14° 5	23°47	27°41	29°40	4°26	24°36	10°10	10°48	13°36	n.a.	M27
T 28	19 37 11	22°27'01	16°16	8°48	8°34	14°44	24° 0	27°43	29°41	4°27	24°34	10° 8	10°44	13°43	n.a.	T 28
W29	19 41 8	23°25'17	29°16	8°D44	9°36	15°23	24°12	27°44	29°42	4°28	24°33	10° 5	10°41	13°50	n.a.	W29
T 30	19 45 4	24°23'35	12♋36	8°48	10°38	16° 3	24°24	27°46	29°43	4°29	24°32	10° 3	10°38	13°57	n.a.	T 30
F 31	19 49 1	25♋21'55	26♋14	9♋ 1	11♍39	16♌42	24♊37	27♎47	29♈44	4♎30	24♑30	10♌ 2	10♌35	14♈ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n47	19n35	3s56	19n47	2s24	19n21	1n10	22n12	1n11	23n28	0n10	8s46	2n12	10n54	0s24	0n12	2n 4	34s12	12s59	17n49	17n26	0n16			n.a.
T 2	23 48	20 41	3 5	19 31	2 37	19 0	1 7	22 4	1 11	23 30	0 11	8 46	2 12	10 55	0 24	0 11	2 4	34 12	13 0	17 51	17 26	0 19			n.a.
F 3	23 49	20 40	2 3	19 17	2 49	18 38	1 3	21 56	1 10	23 31	0 11	8 46	2 12	10 55	0 24	0 11	2 4	34 13	13 0	17 52	17 27	0 21			n.a.
S 4	23 50	19 28	0 53	19 3	3 1	18 15	1 0	21 47	1 10	23 32	0 11	8 46	2 11	10 56	0 24	0 11	2 4	34 13	13 0	17 52	17 28	0 23			n.a.
S 5	23 50	17 7	0n20	18 50	3 13	17 53	0 56	21 39	1 10	23 33	0 11	8 46	2 11	10 57	0 24	0 11	2 4	34 14	13 0	17 52	17 29	0 25			n.a.
M 6	23 50	13 47	1 34	18 38	3 25	17 29	0 53	21 30	1 9	23 34	0 11	8 46	2 11	10 58	0 24	0 11	2 4	34 14	13 0	17 52	17 30	0 28			n.a.
T 7	23 49	9 38	2 43	18 28	3 36	17 6	0 49	21 21	1 9	23 36	0 11	8 46	2 11	10 58	0 24	0 11	2 4	34 15	13 0	17 52	17 31	0 30			n.a.
W 8	23 48	4 56	3 43	18 20	3 47	16 42	0 45	21 12	1 9	23 37	0 11	8 46	2 10	10 59	0 24	0 11	2 4	34 15	13 1	17 52	17 32	0 32			n.a.
T 9	23 46	0s 3	4 29	18 12	3 56	16 17	0 41	21 3	1 8	23 38	0 11	8 46	2 10	11 0	0 24	0 10	2 3	34 15	13 1	17 52	17 33	0 34			n.a.
F 10	23 44	5 3	5 0	18 7	4 5	15 53	0 37	20 53	1 8	23 39	0 11	8 46	2 10	11 0	0 24	0 10	2 3	34 16	13 1	17 52	17 34	0 36			n.a.
S 11	23 41	9 47	5 11	18 3	4 13	15 28	0 33	20 44	1 7	23 40	0 12	8 46	2 9	11 1	0 24	0 10	2 3	34 16	13 1	17 53	17 35	0 39			n.a.
S 12	23 39	13 58	5 4	18 2	4 20	15 2	0 29	20 34	1 7	23 41	0 12	8 46	2 9	11 2	0 24	0 10	2 3	34 16	13 1	17 54	17 35	0 41			n.a.
M13	23 35	17 19	4 38	18 2	4 25	14 37	0 25	20 24	1 7	23 42	0 12	8 46	2 9	11 2	0 24	0 9	2 3	34 17	13 1	17 55	17 36	0 43			n.a.
T 14	23 32	19 37	3 56	18 4	4 29	14 11	0 20	20 14	1 6	23 43	0 12	8 47	2 9	11 3	0 24	0 9	2 3	34 17	13 2	17 57	17 37	0 45			n.a.
W15	23 27	20 44	3 0	18 8	4 31	13 44	0 16	20 4	1 6	23 44	0 12	8 47	2 8	11 3	0 24	0 9	2 3	34 18	13 2	17 58	17 38	0 48			n.a.
T 16	23 23	20 37	1 56	18 13	4 32	13 18	0 11	19 54	1 5	23 45	0 12	8 47	2 8	11 4	0 24	0 9	2 3	34 18	13 2	17 59	17 39	0 50			n.a.
F 17	23 18	19 22	0 47	18 21	4 30	12 51	0 7	19 44	1 5	23 46	0 12	8 47	2 8	11 5	0 24	0 8	2 3	34 18	13 2	17 59	17 40	0 52			n.a.
S 18	23 12	17 8	0s24	18 31	4 27	12 24	0 2	19 33	1 5	23 47	0 12	8 48	2 8	11 5	0 24	0 8	2 3	34 19	13 2	17 59	17 41	0 54			n.a.
S 19	23 7	14 8	1 31	18 42	4 22	11 57	0s 3	19 22	1 4	23 48	0 12	8 48	2 7	11 6	0 24	0 8	2 3	34 19	13 2	17 59	17 42	0 57			n.a.
M20	23 0	10 35	2 33	18 54	4 15	11 29	0 8	19 11	1 4	23 49	0 13	8 49	2 7	11 6	0 24	0 7	2 3	34 19	13 2	17 58	17 43	0 59			n.a.
T 21	22 54	6 40	3 27	19 8	4 6	11 1	0 13	19 0	1 3	23 50	0 13	8 49	2 7	11 7	0 24	0 7	2 3	34 20	13 2	17 58	17 43	1 1			n.a.
W22	22 47	2 32	4 12	19 23	3 55	10 34	0 18	18 49	1 3	23 51	0 13	8 49	2 7	11 7	0 24	0 6	2 3	34 20	13 2	17 58	17 44	1 3			n.a.
T 23	22 39	1n40	4 45	19 40	3 43	10 5	0 23	18 38	1 3	23 51	0 13	8 50	2 6	11 8	0 24	0 6	2 3	34 20	13 2	17 57	17 45	1 6			n.a.
F 24	22 31	5 49	5 7	19 57	3 29	9 37	0 29	18 26	1 2	23 52	0 13	8 51	2 6	11 8	0 24	0 6	2 2	34 21	13 3	17 57	17 46	1 8			n.a.
S 25	22 23	9 46	5 15	20 14	3 14	9 9	0 34	18 14	1 2	23 53	0 13	8 51	2 6	11 8	0 24	0 5	2 2	34 21	13 3	17 58	17 47	1 10			n.a.
S 26	22 14	13 22	5 9	20 32	2 58	8 40	0 40	18 3	1 1	23 54	0 13	8 52	2 6	11 9	0 24	0 5	2 2	34 21	13 3	17 58	17 48	1 12			n.a.
M27	22 5	16 29	4 49	20 51	2 41	8 11	0 45	17 51	1 1	23 54	0 13	8 52	2 5	11 9	0 24	0 4	2 2	34 22	13 3	17 59	17 49	1 15			n.a.
T 28	21 56	18 53	4 15	21 9	2 23	7 43	0 51	17 39	1 1	23 55	0 14	8 53	2 5	11 10	0 25	0 4	2 2	34 22	13 3	18 0	17 50	1 17			n.a.
W29	21 46	20 23	3 27	21 27	2 5	7 14	0 56	17 26	1 0	23 56	0 14	8 54	2 5	11 10	0 25	0 4	2 2	34 22	13 3	18 0	17 50	1 19			n.a.
T 30	21 35	20 48	2 26	21 45	1 47	6 45	1 2	17 14	1 0	23 56	0 14	8 55	2 5	11 10	0 25	0 3	2 2	34 23	13 3	18 1	17 51	1 21			n.a.
F 31	21n25	20n 1	1s16	22n 2	1s29	6n16	1s 8	17n 2	0n59	23n57	0n14	8s56	2n 4	11n11	0s25	0n 3	2n 2	34s23	13s 3	18n 1	17n52	1n24			n.a.

Julian Day Number = 1295722.5, Delta T = 07h55m02s
Ecliptic obliquity = 23°49'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'47, Lahiri = -20°02'46 Julian Calendar 1 July 1166 BCE == Greg. Calendar 20 June 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

AUGUST 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 57	26♋20'17	10♌ 8	9♋23	12♍41	17♌22	24♊49	27♎49	29♈45	4♎31	24°R29	10°D 2	10♌32	14♈10	n.a.	S 1
S 2	19 56 54	27°18'40	24°14	9°54	13°42	18° 1	25° 1	27°51	29°45	4°32	24♑28	10♌ 2	10°29	14°17	n.a.	S 2
M 3	20 0 51	28°17'06	8♍29	10°33	14°42	18°41	25°13	27°52	29°46	4°33	24°27	10° 3	10°25	14°23	n.a.	M 3
T 4	20 4 47	29°15'33	22°48	11°20	15°43	19°21	25°25	27°54	29°47	4°35	24°25	10° 4	10°22	14°30	n.a.	T 4
W 5	20 8 44	0♌14'02	7♎ 9	12°16	16°43	20° 0	25°38	27°56	29°48	4°36	24°24	10° 5	10°19	14°37	n.a.	W 5
T 6	20 12 40	1°12'33	21°26	13°18	17°42	20°40	25°49	27°58	29°48	4°37	24°23	10° 5	10°16	14°44	n.a.	T 6
F 7	20 16 37	2°11'06	5♏38	14°27	18°41	21°20	26° 1	28° 1	29°49	4°38	24°22	10°R 5	10°13	14°50	n.a.	F 7
S 8	20 20 33	3° 9'40	19°43	15°43	19°40	22° 0	26°13	28° 3	29°49	4°40	24°20	10° 5	10° 9	14°57	n.a.	S 8
S 9	20 24 30	4° 8'16	3♐38	17° 4	20°39	22°39	26°25	28° 5	29°50	4°41	24°19	10° 4	10° 6	15° 4	n.a.	S 9
M10	20 28 26	5° 6'54	17°22	18°31	21°37	23°19	26°37	28° 8	29°50	4°42	24°18	10° 4	10° 3	15°10	n.a.	M10
T 11	20 32 23	6° 5'34	0♑53	20° 2	22°35	23°59	26°48	28°10	29°50	4°43	24°16	10° 3	10° 0	15°17	n.a.	T 11
W12	20 36 19	7° 4'16	14°12	21°37	23°32	24°39	27° 0	28°13	29°51	4°45	24°15	10° 3	9°57	15°24	n.a.	W12
T 13	20 40 16	8° 3'00	27°16	23°15	24°29	25°19	27°12	28°16	29°51	4°46	24°14	10° 3	9°54	15°31	n.a.	T 13
F 14	20 44 13	9° 1'46	10♒ 6	24°57	25°25	26° 0	27°23	28°19	29°51	4°48	24°13	10°D 3	9°50	15°37	n.a.	F 14
S 15	20 48 9	10° 0'34	22°42	26°40	26°21	26°40	27°34	28°22	29°51	4°49	24°12	10°R 3	9°47	15°44	n.a.	S 15
S 16	20 52 6	10°59'24	5♓ 5	28°26	27°16	27°20	27°46	28°25	29°51	4°51	24°10	10° 3	9°44	15°51	n.a.	S 16
M17	20 56 2	11°58'16	17°16	0♌13	28°11	28° 0	27°57	28°28	29°R51	4°52	24° 9	10° 3	9°41	15°57	n.a.	M17
T 18	20 59 59	12°57'11	29°17	2° 1	29° 5	28°41	28° 8	28°31	29°51	4°54	24° 8	10° 2	9°38	16° 4	n.a.	T 18
W19	21 3 55	13°56'08	11♈12	3°50	29°59	29°21	28°19	28°34	29°51	4°55	24° 7	10° 2	9°34	16°11	n.a.	W19
T 20	21 7 52	14°55'07	23° 3	5°39	0♎52	0♍ 1	28°30	28°38	29°51	4°57	24° 6	10° 1	9°31	16°18	n.a.	T 20
F 21	21 11 48	15°54'09	4♉56	7°29	1°44	0°42	28°41	28°41	29°51	4°58	24° 4	10° 1	9°28	16°24	n.a.	F 21
S 22	21 15 45	16°53'13	16°55	9°19	2°36	1°22	28°52	28°45	29°51	5° 0	24° 3	10°D 1	9°25	16°31	n.a.	S 22
S 23	21 19 41	17°52'20	29° 3	11° 8	3°27	2° 3	29° 3	28°48	29°50	5° 2	24° 2	10° 1	9°22	16°38	n.a.	S 23
M24	21 23 38	18°51'29	11♊26	12°58	4°18	2°43	29°13	28°52	29°50	5° 3	24° 1	10° 2	9°19	16°44	n.a.	M24
T 25	21 27 35	19°50'41	24° 8	14°47	5° 8	3°24	29°24	28°56	29°50	5° 5	24° 0	10° 2	9°15	16°51	n.a.	T 25
W26	21 31 31	20°49'55	7♋12	16°35	5°57	4° 5	29°34	28°59	29°49	5° 7	23°59	10° 3	9°12	16°58	n.a.	W26
T 27	21 35 28	21°49'11	20°39	18°23	6°45	4°46	29°45	29° 3	29°49	5° 9	23°58	10° 4	9° 9	17° 5	n.a.	T 27
F 28	21 39 24	22°48'30	4♌31	20°10	7°33	5°27	29°55	29° 7	29°48	5°10	23°57	10°R 5	9° 6	17°11	n.a.	F 28
S 29	21 43 21	23°47'51	18°45	21°57	8°20	6° 7	0♋ 5	29°11	29°48	5°12	23°55	10° 5	9° 3	17°18	n.a.	S 29
S 30	21 47 17	24°47'15	3♍16	23°43	9° 6	6°48	0°16	29°16	29°47	5°14	23°54	10° 4	9° 0	17°25	n.a.	S 30
M31	21 51 14	25♌46'40	17♍59	25♌28	9♎51	7♍29	0♋26	29♎20	29♈46	5♎16	23♑53	10♌ 2	8♌56	17♈31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n14	18n 0	0n 1	22n18	1s12	5n46	1s14	16n49	0n59	23n58	0n14	8s56	2n 4	11n11	0s25	0n 2	2n 2	34s23	13s 3	18n 1	17n53	1n26		n.a.
S 2	21 2	14 53	1 18	22 33	0 54	5 17	1 20	16 36	0 59	23 58	0 14	8 57	2 4	11 11	0 25	0 2	2 2	34 23	13 3	18 1	17 54	1 28		n.a.
M 3	20 51	10 51	2 31	22 47	0 37	4 48	1 26	16 23	0 58	23 59	0 14	8 58	2 4	11 11	0 25	0 1	2 2	34 24	13 3	18 1	17 55	1 30		n.a.
T 4	20 38	6 11	3 35	22 59	0 21	4 19	1 32	16 10	0 58	23 59	0 14	8 59	2 3	11 12	0 25	0 1	2 2	34 24	13 3	18 1	17 56	1 33		n.a.
W 5	20 26	1 11	4 26	23 10	0 5	3 49	1 38	15 57	0 57	24 0	0 15	9 0	2 3	11 12	0 25	0 0	2 2	34 24	13 3	18 1	17 57	1 35		n.a.
T 6	20 13	3s52	5 0	23 18	0n 9	3 20	1 45	15 44	0 57	24 1	0 15	9 1	2 3	11 12	0 25	0s 0	2 2	34 24	13 3	18 0	17 57	1 37		n.a.
F 7	20 0	8 39	5 16	23 25	0 23	2 51	1 51	15 31	0 56	24 1	0 15	9 2	2 3	11 12	0 25	0 1	2 2	34 25	13 3	18 0	17 58	1 40		n.a.
S 8	19 46	12 56	5 12	23 29	0 36	2 22	1 57	15 17	0 56	24 2	0 15	9 3	2 2	11 12	0 25	0 2	2 2	34 25	13 3	18 0	17 59	1 42		n.a.
S 9	19 32	16 28	4 51	23 30	0 47	1 52	2 4	15 4	0 55	24 2	0 15	9 4	2 2	11 13	0 25	0 2	2 1	34 25	13 3	18 1	18 0	1 44		n.a.
M10	19 18	19 2	4 12	23 29	0 58	1 23	2 10	14 50	0 55	24 2	0 15	9 5	2 2	11 13	0 25	0 3	2 1	34 25	13 3	18 1	18 1	1 46		n.a.
T 11	19 3	20 29	3 21	23 26	1 8	0 54	2 17	14 36	0 55	24 3	0 15	9 6	2 2	11 13	0 25	0 3	2 1	34 26	13 3	18 1	18 2	1 49		n.a.
W12	18 48	20 46	2 19	23 19	1 16	0 25	2 23	14 22	0 54	24 3	0 15	9 8	2 1	11 13	0 25	0 4	2 1	34 26	13 3	18 1	18 3	1 51		n.a.
T 13	18 33	19 54	1 10	23 10	1 24	0s 4	2 30	14 8	0 54	24 4	0 16	9 9	2 1	11 13	0 25	0 5	2 1	34 26	13 3	18 1	18 4	1 53		n.a.
F 14	18 18	18 0	0s 0	22 59	1 31	0 32	2 37	13 54	0 53	24 4	0 16	9 10	2 1	11 13	0 25	0 5	2 1	34 26	13 3	18 1	18 4	1 55		n.a.
S 15	18 2	15 16	1 10	22 44	1 36	1 1	2 44	13 39	0 53	24 4	0 16	9 11	2 1	11 13	0 25	0 6	2 1	34 26	13 3	18 1	18 5	1 58		n.a.
S 16	17 45	11 53	2 14	22 27	1 41	1 30	2 50	13 25	0 52	24 5	0 16	9 13	2 0	11 13	0 25	0 6	2 1	34 27	13 3	18 1	18 6	2 0		n.a.
M17	17 29	8 3	3 12	22 8	1 45	1 58	2 57	13 10	0 52	24 5	0 16	9 14	2 0	11 13	0 25	0 7	2 1	34 27	13 3	18 1	18 7	2 2		n.a.
T 18	17 12	3 57	4 0	21 47	1 47	2 26	3 4	12 56	0 51	24 5	0 16	9 15	2 0	11 13	0 25	0 8	2 1	34 27	13 3	18 1	18 8	2 5		n.a.
W19	16 55	0n15	4 38	21 23	1 49	2 54	3 11	12 41	0 51	24 6	0 16	9 17	2 0	11 13	0 25	0 8	2 1	34 27	13 3	18 1	18 9	2 7		n.a.
T 20	16 38	4 25	5 3	20 57	1 51	3 22	3 18	12 26	0 50	24 6	0 17	9 18	2 0	11 13	0 25	0 9	2 1	34 27	13 2	18 1	18 10	2 9		n.a.
F 21	16 20	8 25	5 16	20 30	1 51	3 49	3 25	12 11	0 50	24 6	0 17	9 20	1 59	11 13	0 25	0 10	2 1	34 27	13 2	18 2	18 10	2 11		n.a.
S 22	16 2	12 8	5 15	20 0	1 51	4 17	3 32	11 56	0 49	24 6	0 17	9 21	1 59	11 13	0 25	0 11	2 1	34 28	13 2	18 2	18 11	2 14		n.a.
S 23	15 44	15 24	5 0	19 29	1 51	4 44	3 39	11 41	0 49	24 7	0 17	9 23	1 59	11 13	0 25	0 11	2 1	34 28	13 2	18 2	18 12	2 16		n.a.
M24	15 25	18 3	4 31	18 57	1 49	5 10	3 46	11 25	0 48	24 7	0 17	9 24	1 59	11 13	0 25	0 12	2 1	34 28	13 2	18 1	18 13	2 18		n.a.
T 25	15 6	19 54	3 48	18 23	1 47	5 37	3 53	11 10	0 48	24 7	0 17	9 26	1 58	11 12	0 25	0 13	2 1	34 28	13 2	18 1	18 14	2 20		n.a.
W26	14 47	20 46	2 52	17 47	1 45	6 3	4 0	10 54	0 48	24 7	0 17	9 27	1 58	11 12	0 25	0 13	2 1	34 28	13 2	18 1	18 15	2 23		n.a.
T 27	14 28	20 29	1 46	17 11	1 42	6 29	4 6	10 39	0 47	24 7	0 18	9 29	1 58	11 12	0 25	0 14	2 1	34 28	13 2	18 1	18 16	2 25		n.a.
F 28	14 8	18 57	0 31	16 34	1 39	6 55	4 13	10 23	0 47	24 8	0 18	9 31	1 58	11 12	0 25	0 15	2 1	34 28	13 2	18 1	18 16	2 27		n.a.
S 29	13 48	16 12	0n48	15 55	1 35	7 20	4 20	10 7	0 46	24 8	0 18	9 32	1 57	11 12	0 25	0 16	2 0	34 28	13 2	18 1	18 17	2 30		n.a.
S 30	13 28	12 24	2 5	15 16	1 32	7 45	4 27	9 52	0 46	24 8	0 18	9 34	1 57	11 11	0 25	0 16	2 0	34 28	13 1	18 1	18 18	2 32		n.a.
M31	13n 8	7n48	3n14	14n36	1n27	8s 9	4s34	9n36	0n45	24n 8	0n18	9s36	1n57	11n11	0s25	0s17	2n 0	34s29	13s 1	18n 1	18n19	2n34		n.a.

Julian Day Number = 1295753.5, Delta T = 07h55m00s
Ecliptic obliquity = 23°49'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'43, Lahiri = -20°02'42 Julian Calendar 1 Aug. 1166 BCE == Greg. Calendar 21 July 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

SEPTEMBER 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 10	26♌46'07	2♎46	27♌12	10♎35	8♍10	0♋35	29♎24	29°R46	5♎18	23°R52	10°R 0	8♌53	17♈38	n.a.	T 1
W 2	21 59 7	27°45'37	17°31	28°56	11°18	8°51	0°45	29°29	29♈45	5°19	23♑51	9♌58	8°50	17°45	n.a.	W 2
T 3	22 3 4	28°45'08	2♏ 6	0♍39	12° 0	9°33	0°55	29°33	29°44	5°21	23°50	9°56	8°47	17°52	n.a.	T 3
F 4	22 7 0	29°44'41	16°27	2°21	12°42	10°14	1° 5	29°38	29°43	5°23	23°49	9°55	8°44	17°58	n.a.	F 4
S 5	22 10 57	0♍44'16	0♐30	4° 3	13°22	10°55	1°14	29°42	29°42	5°25	23°48	9°D54	8°40	18° 5	n.a.	S 5
S 6	22 14 53	1°43'53	14°16	5°43	14° 1	11°36	1°24	29°47	29°41	5°27	23°47	9°55	8°37	18°12	n.a.	S 6
M 7	22 18 50	2°43'32	27°43	7°23	14°38	12°18	1°33	29°52	29°40	5°29	23°46	9°56	8°34	18°18	n.a.	M 7
T 8	22 22 46	3°43'13	10♑54	9° 3	15°15	12°59	1°42	29°56	29°39	5°31	23°45	9°57	8°31	18°25	n.a.	T 8
W 9	22 26 43	4°42'55	23°49	10°41	15°50	13°40	1°51	0♏ 1	29°38	5°33	23°45	9°59	8°28	18°32	n.a.	W 9
T 10	22 30 39	5°42'40	6♒32	12°19	16°24	14°22	2° 0	0° 6	29°37	5°35	23°44	10°R 0	8°25	18°39	n.a.	T 10
F 11	22 34 36	6°42'26	19° 2	13°57	16°57	15° 3	2° 9	0°11	29°36	5°37	23°43	9°59	8°21	18°45	n.a.	F 11
S 12	22 38 32	7°42'15	1♓22	15°33	17°28	15°45	2°18	0°16	29°34	5°39	23°42	9°58	8°18	18°52	n.a.	S 12
S 13	22 42 29	8°42'05	13°34	17° 9	17°57	16°27	2°26	0°21	29°33	5°41	23°41	9°54	8°15	18°59	n.a.	S 13
M14	22 46 26	9°41'58	25°37	18°45	18°25	17° 8	2°35	0°27	29°32	5°43	23°40	9°50	8°12	19° 5	n.a.	M14
T 15	22 50 22	10°41'53	7♈35	20°20	18°52	17°50	2°43	0°32	29°30	5°45	23°39	9°44	8° 9	19°12	n.a.	T 15
W16	22 54 19	11°41'50	19°28	21°54	19°16	18°32	2°51	0°37	29°29	5°47	23°39	9°39	8° 6	19°19	n.a.	W16
T 17	22 58 15	12°41'49	1♉19	23°28	19°39	19°14	2°59	0°42	29°27	5°49	23°38	9°33	8° 2	19°26	n.a.	T 17
F 18	23 2 12	13°41'50	13°11	25° 1	20° 1	19°56	3° 7	0°48	29°26	5°52	23°37	9°28	7°59	19°32	n.a.	F 18
S 19	23 6 8	14°41'54	25° 8	26°33	20°20	20°38	3°15	0°53	29°24	5°54	23°36	9°24	7°56	19°39	n.a.	S 19
S 20	23 10 5	15°42'00	7♊13	28° 5	20°38	21°20	3°23	0°59	29°23	5°56	23°36	9°22	7°53	19°46	n.a.	S 20
M21	23 14 1	16°42'08	19°31	29°37	20°53	22° 2	3°30	1° 5	29°21	5°58	23°35	9°D22	7°50	19°52	n.a.	M21
T 22	23 17 58	17°42'19	2♋ 8	1♎ 8	21° 6	22°44	3°38	1°10	29°19	6° 0	23°34	9°23	7°46	19°59	n.a.	T 22
W23	23 21 54	18°42'32	15° 6	2°39	21°18	23°26	3°45	1°16	29°18	6° 2	23°34	9°24	7°43	20° 6	n.a.	W23
T 24	23 25 51	19°42'47	28°31	4° 9	21°27	24° 8	3°52	1°22	29°16	6° 4	23°33	9°26	7°40	20°13	n.a.	T 24
F 25	23 29 48	20°43'04	12♌23	5°38	21°34	24°50	3°59	1°27	29°14	6° 7	23°32	9°R26	7°37	20°19	n.a.	F 25
S 26	23 33 44	21°43'23	26°43	7° 7	21°39	25°33	4° 6	1°33	29°12	6° 9	23°32	9°25	7°34	20°26	n.a.	S 26
S 27	23 37 41	22°43'45	11♍27	8°36	21°41	26°15	4°13	1°39	29°10	6°11	23°31	9°22	7°31	20°33	n.a.	S 27
M28	23 41 37	23°44'08	26°30	10° 4	21°R41	26°58	4°19	1°45	29° 8	6°13	23°31	9°16	7°27	20°39	n.a.	M28
T 29	23 45 34	24°44'33	11♎41	11°31	21°39	27°40	4°26	1°51	29° 7	6°15	23°30	9°10	7°24	20°46	n.a.	T 29
W30	23 49 30	25♍45'00	26♎50	12♎58	21♎34	28♍23	4♋32	1♏57	29♈ 5	6♎18	23♑30	9♌ 2	7♌21	20♈53	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n48	2n43	4n11	13n56	1n23	8s33	4s41	9n20	0n45	24n 8	0n18	9s37	1n57	11n11	0s25	0s18	2n 0	34s29	13s 1	18n 2	18n20	2n36		n.a.
W 2	12 27	2s30	4 52	13 15	1 18	8 57	4 48	9 4	0 44	24 8	0 18	9 39	1 57	11 11	0 25	0 19	2 0	34 29	13 1	18 2	18 21	2 39		n.a.
T 3	12 6	7 31	5 12	12 33	1 13	9 20	4 55	8 47	0 44	24 8	0 19	9 41	1 56	11 10	0 25	0 20	2 0	34 29	13 1	18 3	18 22	2 41		n.a.
F 4	11 45	12 2	5 13	11 51	1 7	9 42	5 2	8 31	0 43	24 8	0 19	9 43	1 56	11 10	0 25	0 20	2 0	34 29	13 1	18 3	18 22	2 43		n.a.
S 5	11 23	15 47	4 55	11 9	1 2	10 4	5 8	8 15	0 43	24 9	0 19	9 45	1 56	11 10	0 25	0 21	2 0	34 29	13 1	18 3	18 23	2 46		n.a.
S 6	11 2	18 34	4 21	10 26	0 56	10 26	5 15	7 58	0 42	24 9	0 19	9 46	1 56	11 9	0 25	0 22	2 0	34 29	13 0	18 3	18 24	2 48		n.a.
M 7	10 40	20 17	3 32	9 43	0 50	10 47	5 22	7 42	0 41	24 9	0 19	9 48	1 56	11 9	0 25	0 23	2 0	34 29	13 0	18 3	18 25	2 50		n.a.
T 8	10 18	20 50	2 33	8 59	0 44	11 8	5 28	7 25	0 41	24 9	0 19	9 50	1 55	11 8	0 25	0 24	2 0	34 29	13 0	18 3	18 26	2 52		n.a.
W 9	9 56	20 15	1 28	8 16	0 38	11 27	5 35	7 9	0 40	24 9	0 20	9 52	1 55	11 8	0 25	0 24	2 0	34 29	13 0	18 2	18 27	2 55		n.a.
T 10	9 34	18 38	0 19	7 32	0 32	11 47	5 41	6 52	0 40	24 9	0 20	9 54	1 55	11 8	0 25	0 25	2 0	34 29	13 0	18 2	18 27	2 57		n.a.
F 11	9 12	16 9	0s49	6 48	0 25	12 5	5 47	6 35	0 39	24 9	0 20	9 56	1 55	11 7	0 25	0 26	2 0	34 29	13 0	18 2	18 28	2 59		n.a.
S 12	8 49	12 57	1 55	6 4	0 19	12 23	5 53	6 18	0 39	24 9	0 20	9 58	1 55	11 7	0 25	0 27	2 0	34 29	12 59	18 2	18 29	3 2		n.a.
S 13	8 26	9 14	2 54	5 20	0 12	12 40	5 59	6 1	0 38	24 9	0 20	10 0	1 54	11 6	0 25	0 28	2 0	34 29	12 59	18 3	18 30	3 4		n.a.
M14	8 3	5 11	3 44	4 36	0 6	12 56	6 5	5 44	0 38	24 9	0 20	10 2	1 54	11 6	0 25	0 29	2 0	34 29	12 59	18 5	18 31	3 6		n.a.
T 15	7 41	0 59	4 24	3 53	0s 1	13 12	6 10	5 27	0 37	24 9	0 21	10 4	1 54	11 5	0 25	0 30	2 0	34 29	12 59	18 6	18 32	3 8		n.a.
W16	7 17	3n14	4 52	3 9	0 8	13 26	6 16	5 10	0 37	24 9	0 21	10 6	1 54	11 5	0 25	0 30	2 0	34 29	12 59	18 8	18 33	3 11		n.a.
T 17	6 54	7 19	5 8	2 25	0 15	13 40	6 21	4 53	0 36	24 9	0 21	10 8	1 54	11 4	0 25	0 31	2 0	34 29	12 58	18 9	18 33	3 13		n.a.
F 18	6 31	11 7	5 11	1 41	0 21	13 53	6 26	4 36	0 36	24 9	0 21	10 10	1 54	11 4	0 25	0 32	2 0	34 29	12 58	18 11	18 34	3 15		n.a.
S 19	6 7	14 31	5 0	0 58	0 28	14 5	6 31	4 19	0 35	24 9	0 21	10 12	1 53	11 3	0 25	0 33	2 0	34 28	12 58	18 11	18 35	3 18		n.a.
S 20	5 44	17 21	4 36	0 14	0 35	14 16	6 35	4 1	0 35	24 9	0 21	10 14	1 53	11 3	0 25	0 34	2 0	34 28	12 58	18 12	18 36	3 20		n.a.
M21	5 20	19 27	3 58	0s29	0 41	14 26	6 40	3 44	0 34	24 9	0 22	10 16	1 53	11 2	0 25	0 35	2 0	34 28	12 58	18 12	18 37	3 22		n.a.
T 22	4 56	20 40	3 9	1 12	0 48	14 35	6 44	3 27	0 33	24 9	0 22	10 19	1 53	11 1	0 25	0 36	2 0	34 28	12 57	18 12	18 38	3 24		n.a.
W23	4 32	20 50	2 8	1 54	0 55	14 42	6 47	3 9	0 33	24 9	0 22	10 21	1 53	11 1	0 25	0 37	2 0	34 28	12 57	18 11	18 38	3 27		n.a.
T 24	4 8	19 50	0 59	2 37	1 1	14 49	6 50	2 52	0 32	24 9	0 22	10 23	1 53	11 0	0 25	0 37	2 0	34 28	12 57	18 11	18 39	3 29		n.a.
F 25	3 44	17 37	0n16	3 19	1 8	14 54	6 53	2 34	0 32	24 9	0 22	10 25	1 52	10 59	0 25	0 38	2 0	34 28	12 57	18 11	18 40	3 31		n.a.
S 26	3 20	14 15	1 32	4 0	1 14	14 58	6 56	2 17	0 31	24 9	0 23	10 27	1 52	10 59	0 25	0 39	2 0	34 28	12 56	18 11	18 41	3 34		n.a.
S 27	2 56	9 55	2 44	4 42	1 20	15 1	6 58	1 59	0 31	24 9	0 23	10 30	1 52	10 58	0 25	0 40	2 0	34 28	12 56	18 12	18 42	3 36		n.a.
M28	2 32	4 52	3 47	5 22	1 27	15 3	6 59	1 41	0 30	24 8	0 23	10 32	1 52	10 57	0 25	0 41	2 0	34 28	12 56	18 14	18 42	3 38		n.a.
T 29	2 7	0s30	4 33	6 3	1 33	15 3	7 0	1 24	0 30	24 8	0 23	10 34	1 52	10 57	0 25	0 42	2 0	34 27	12 56	18 15	18 43	3 41		n.a.
W30	1n43	5s50	5n 1	6s43	1s39	15s 1	7s 1	1n 6	0n29	24n 8	0n23	10s36	1n52	10n56	0s25	0s43	2n 0	34s27	12s55	18n17	18n44	3n43		n.a.

Julian Day Number = 1295784.5, Delta T = 07h54m58s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'38, Lahiri = -20°02'38 Julian Calendar 1 Sept. 1166 BCE == Greg. Calendar 21 Aug. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

OCTOBER 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 27	26♍45'28	11♏48	14♎24	21°R27	29♍ 5	4♋38	2♏ 3	29°R 3	6♎20	23°R29	8°R55	7♌18	21♈ 0	n.a.	T 1
F 2	23 57 23	27°45'58	26°26	15°50	21♎18	29°48	4°44	2°10	29♈ 0	6°22	23♑29	8♌50	7°15	21° 6	n.a.	F 2
S 3	0 1 20	28°46'29	10♐40	17°15	21° 6	0♎30	4°50	2°16	28°58	6°24	23°29	8°46	7°11	21°13	n.a.	S 3
S 4	0 5 17	29°47'02	24°28	18°39	20°51	1°13	4°55	2°22	28°56	6°27	23°28	8°D44	7° 8	21°20	n.a.	S 4
M 5	0 9 13	0♎47'37	7♑51	20° 2	20°34	1°56	5° 1	2°28	28°54	6°29	23°28	8°45	7° 5	21°26	n.a.	M 5
T 6	0 13 10	1°48'12	20°52	21°25	20°15	2°39	5° 6	2°35	28°52	6°31	23°27	8°46	7° 2	21°33	n.a.	T 6
W 7	0 17 6	2°48'50	3♒34	22°46	19°54	3°22	5°11	2°41	28°50	6°33	23°27	8°R46	6°59	21°40	n.a.	W 7
T 8	0 21 3	3°49'28	16° 1	24° 6	19°30	4° 5	5°16	2°47	28°48	6°36	23°27	8°46	6°56	21°47	n.a.	T 8
F 9	0 24 59	4°50'08	28°17	25°25	19° 4	4°47	5°21	2°54	28°45	6°38	23°27	8°44	6°52	21°53	n.a.	F 9
S 10	0 28 56	5°50'49	10♓24	26°43	18°36	5°31	5°25	3° 0	28°43	6°40	23°26	8°40	6°49	22° 0	n.a.	S 10
S 11	0 32 52	6°51'32	22°25	27°59	18° 7	6°14	5°30	3° 7	28°41	6°42	23°26	8°32	6°46	22° 7	n.a.	S 11
M12	0 36 49	7°52'16	4♈21	29°14	17°36	6°57	5°34	3°13	28°38	6°45	23°26	8°22	6°43	22°13	n.a.	M12
T 13	0 40 45	8°53'01	16°15	0♏26	17° 3	7°40	5°38	3°20	28°36	6°47	23°26	8°11	6°40	22°20	n.a.	T 13
W14	0 44 42	9°53'48	28° 7	1°36	16°29	8°23	5°42	3°26	28°34	6°49	23°26	7°58	6°37	22°27	n.a.	W14
T 15	0 48 39	10°54'37	9♉59	2°44	15°55	9° 6	5°46	3°33	28°31	6°51	23°26	7°46	6°33	22°34	n.a.	T 15
F 16	0 52 35	11°55'27	21°53	3°48	15°19	9°50	5°50	3°40	28°29	6°54	23°25	7°35	6°30	22°40	n.a.	F 16
S 17	0 56 32	12°56'19	3♊52	4°50	14°43	10°33	5°53	3°46	28°27	6°56	23°25	7°26	6°27	22°47	n.a.	S 17
S 18	1 0 28	13°57'12	15°57	5°47	14° 6	11°16	5°56	3°53	28°24	6°58	23°25	7°19	6°24	22°54	n.a.	S 18
M19	1 4 25	14°58'07	28°13	6°41	13°30	12° 0	5°59	4° 0	28°22	7° 0	23°D25	7°16	6°21	23° 1	n.a.	M19
T 20	1 8 21	15°59'04	10♋44	7°29	12°54	12°43	6° 2	4° 6	28°19	7° 3	23°25	7°14	6°17	23° 7	n.a.	T 20
W21	1 12 18	17° 0'02	23°35	8°12	12°18	13°27	6° 5	4°13	28°17	7° 5	23°25	7°D14	6°14	23°14	n.a.	W21
T 22	1 16 14	18° 1'01	6♌50	8°49	11°43	14°11	6° 7	4°20	28°14	7° 7	23°25	7°R14	6°11	23°21	n.a.	T 22
F 23	1 20 11	19° 2'02	20°33	9°19	11° 9	14°54	6° 9	4°27	28°12	7° 9	23°26	7°14	6° 8	23°27	n.a.	F 23
S 24	1 24 8	20° 3'04	4♍44	9°42	10°37	15°38	6°11	4°34	28° 9	7°11	23°26	7°11	6° 5	23°34	n.a.	S 24
S 25	1 28 4	21° 4'08	19°24	9°55	10° 5	16°22	6°13	4°41	28° 7	7°14	23°26	7° 6	6° 2	23°41	n.a.	S 25
M26	1 32 1	22° 5'13	4♎28	10°R 0	9°35	17° 6	6°15	4°47	28° 4	7°16	23°26	6°57	5°58	23°48	n.a.	M26
T 27	1 35 57	23° 6'19	19°46	9°54	9° 7	17°50	6°17	4°54	28° 2	7°18	23°26	6°47	5°55	23°54	n.a.	T 27
W28	1 39 54	24° 7'26	5♏ 8	9°37	8°41	18°34	6°18	5° 1	27°59	7°20	23°26	6°36	5°52	24° 1	n.a.	W28
T 29	1 43 50	25° 8'34	20°22	9°10	8°17	19°18	6°19	5° 8	27°57	7°22	23°27	6°25	5°49	24° 8	n.a.	T 29
F 30	1 47 47	26° 9'43	5♐17	8°31	7°55	20° 2	6°20	5°15	27°54	7°25	23°27	6°15	5°46	24°14	n.a.	F 30
S 31	1 51 43	27♎10'52	19♐46	7♏41	7♎36	20♎46	6♋21	5♏22	27♈51	7♎27	23♑27	6♌ 8	5♌42	24♈21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	1n19	10s45	5n 7	7s22	1s44	14s59	7s 1	0n48	0n28	24n 8	0n23	10s39	1n52	10n55	0s25	0s44	2n 0	34s27	12s55	18n19	18n45	3n45		n.a.	T 1
F 2	0 54	14 55	4 53	8 1	1 50	14 54	7 0	0 30	0 28	24 8	0 24	10 41	1 51	10 54	0 25	0 45	2 0	34 27	12 55	18 21	18 46	3 47		n.a.	F 2
S 3	0 30	18 6	4 22	8 39	1 55	14 49	6 59	0 13	0 27	24 8	0 24	10 43	1 51	10 54	0 25	0 46	2 0	34 27	12 55	18 22	18 47	3 50		n.a.	S 3
S 4	0 5	20 8	3 35	9 16	2 0	14 41	6 57	0s 5	0 27	24 8	0 24	10 45	1 51	10 53	0 25	0 46	2 0	34 27	12 54	18 22	18 47	3 52		n.a.	S 4
M 5	0s19	20 58	2 38	9 53	2 5	14 32	6 55	0 23	0 26	24 8	0 24	10 48	1 51	10 52	0 25	0 47	2 0	34 26	12 54	18 22	18 48	3 54		n.a.	M 5
T 6	0 44	20 37	1 35	10 29	2 10	14 22	6 51	0 41	0 26	24 8	0 24	10 50	1 51	10 51	0 25	0 48	2 0	34 26	12 54	18 22	18 49	3 57		n.a.	T 6
W 7	1 8	19 13	0 28	11 4	2 14	14 10	6 48	0 59	0 25	24 8	0 25	10 52	1 51	10 51	0 25	0 49	2 0	34 26	12 54	18 22	18 50	3 59		n.a.	W 7
T 8	1 33	16 55	0s39	11 38	2 18	13 56	6 43	1 16	0 24	24 8	0 25	10 55	1 51	10 50	0 25	0 50	2 0	34 26	12 53	18 22	18 51	4 1		n.a.	T 8
F 9	1 57	13 52	1 43	12 11	2 22	13 41	6 37	1 34	0 24	24 8	0 25	10 57	1 50	10 49	0 25	0 51	2 0	34 26	12 53	18 22	18 52	4 4		n.a.	F 9
S 10	2 22	10 16	2 41	12 43	2 25	13 24	6 31	1 52	0 23	24 8	0 25	10 59	1 50	10 48	0 25	0 52	2 0	34 25	12 53	18 24	18 52	4 6		n.a.	S 10
S 11	2 46	6 17	3 31	13 14	2 28	13 6	6 24	2 10	0 23	24 8	0 25	11 2	1 50	10 47	0 25	0 53	2 0	34 25	12 53	18 25	18 53	4 8		n.a.	S 11
M12	3 10	2 5	4 12	13 43	2 31	12 47	6 16	2 28	0 22	24 8	0 26	11 4	1 50	10 47	0 25	0 54	2 0	34 25	12 52	18 28	18 54	4 11		n.a.	M12
T 13	3 35	2n10	4 41	14 11	2 33	12 26	6 7	2 46	0 21	24 8	0 26	11 6	1 50	10 46	0 25	0 55	2 0	34 25	12 52	18 31	18 55	4 13		n.a.	T 13
W14	3 59	6 20	4 58	14 38	2 34	12 4	5 58	3 4	0 21	24 8	0 26	11 9	1 50	10 45	0 25	0 55	2 0	34 24	12 52	18 34	18 56	4 15		n.a.	W14
T 15	4 23	10 16	5 2	15 2	2 35	11 41	5 48	3 22	0 20	24 8	0 26	11 11	1 50	10 44	0 25	0 56	2 0	34 24	12 51	18 38	18 56	4 17		n.a.	T 15
F 16	4 47	13 49	4 53	15 25	2 35	11 17	5 37	3 39	0 20	24 8	0 26	11 14	1 50	10 43	0 25	0 57	2 0	34 24	12 51	18 41	18 57	4 20		n.a.	F 16
S 17	5 11	16 49	4 31	15 46	2 35	10 52	5 25	3 57	0 19	24 9	0 27	11 16	1 50	10 42	0 25	0 58	2 0	34 24	12 51	18 43	18 58	4 22		n.a.	S 17
S 18	5 35	19 9	3 57	16 4	2 33	10 26	5 13	4 15	0 18	24 9	0 27	11 18	1 49	10 41	0 25	0 59	2 0	34 23	12 51	18 45	18 59	4 24		n.a.	S 18
M19	5 59	20 38	3 12	16 20	2 31	10 0	5 0	4 33	0 18	24 9	0 27	11 21	1 49	10 40	0 25	1 0	2 0	34 23	12 50	18 46	19 0	4 27		n.a.	M19
T 20	6 23	21 8	2 16	16 34	2 28	9 33	4 46	4 51	0 17	24 9	0 27	11 23	1 49	10 40	0 25	1 1	2 0	34 23	12 50	18 46	19 0	4 29		n.a.	T 20
W21	6 47	20 33	1 12	16 44	2 24	9 6	4 32	5 8	0 16	24 9	0 27	11 26	1 49	10 39	0 25	1 2	2 0	34 23	12 50	18 46	19 1	4 31		n.a.	W21
T 22	7 11	18 50	0 2	16 51	2 19	8 39	4 18	5 26	0 16	24 9	0 28	11 28	1 49	10 38	0 25	1 3	2 0	34 22	12 50	18 46	19 2	4 34		n.a.	T 22
F 23	7 34	15 59	1n10	16 55	2 12	8 12	4 3	5 44	0 15	24 9	0 28	11 30	1 49	10 37	0 25	1 3	2 0	34 22	12 49	18 46	19 3	4 36		n.a.	F 23
S 24	7 58	12 6	2 20	16 55	2 4	7 45	3 48	6 2	0 15	24 9	0 28	11 33	1 49	10 36	0 25	1 4	2 0	34 22	12 49	18 47	19 4	4 38		n.a.	S 24
S 25	8 21	7 22	3 24	16 50	1 55	7 19	3 33	6 19	0 14	24 9	0 28	11 35	1 49	10 35	0 25	1 5	2 0	34 21	12 49	18 48	19 4	4 41		n.a.	S 25
M26	8 44	2 5	4 14	16 41	1 44	6 52	3 17	6 37	0 13	24 9	0 29	11 38	1 49	10 34	0 25	1 6	2 0	34 21	12 48	18 50	19 5	4 43		n.a.	M26
T 27	9 7	3s25	4 48	16 28	1 31	6 27	3 2	6 55	0 13	24 10	0 29	11 40	1 49	10 33	0 25	1 7	2 0	34 21	12 48	18 53	19 6	4 45		n.a.	T 27
W28	9 30	8 44	5 1	16 9	1 17	6 2	2 46	7 12	0 12	24 10	0 29	11 42	1 49	10 32	0 25	1 8	2 0	34 21	12 48	18 56	19 7	4 47		n.a.	W28
T 29	9 53	13 26	4 52	15 45	1 2	5 38	2 31	7 30	0 11	24 10	0 29	11 45	1 48	10 31	0 25	1 9	2 0	34 20	12 48	18 59	19 8	4 50		n.a.	T 29
F 30	10 16	17 13	4 23	15 16	0 45	5 15	2 15	7 47	0 11	24 10	0 29	11 47	1 48	10 30	0 25	1 10	2 0	34 20	12 47	19 1	19 8	4 52		n.a.	F 30
S 31	10s38	19s48	3n39	14s43	0s26	4s53	2s 0	8s 5	0n10	24n10	0n30	11s50	1n48	10n30	0s25	1s10	2n 0	34s20	12s47	19n 3	19n 9	4n54		n.a.	S 31

Julian Day Number = 1295814.5, Delta T = 07h54m57s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'34, Lahiri = -20°02'34 Julian Calendar 1 Oct. 1166 BCE == Greg. Calendar 20 Sept. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

NOVEMBER 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 40	28♎12'03	3♉45	6°R40	7°R18	21♎30	6♋21	5♏29	27°R49	7♎29	23♉28	6°R 4	5♌39	24♈28	n.a.	S 1
M 2	1 59 37	29°13'13	17°15	5♏31	7♎ 3	22°14	6°21	5°36	27♈46	7°31	23°28	6♌ 2	5°36	24°35	n.a.	M 2
T 3	2 3 33	0♏14'24	0♒18	4°15	6°51	22°58	6°R22	5°43	27°44	7°33	23°28	6° 2	5°33	24°41	n.a.	T 3
W 4	2 7 30	1°15'36	12°57	2°54	6°41	23°42	6°22	5°50	27°41	7°35	23°29	6° 2	5°30	24°48	n.a.	W 4
T 5	2 11 26	2°16'48	25°19	1°31	6°33	24°27	6°21	5°57	27°39	7°37	23°29	6° 0	5°27	24°55	n.a.	T 5
F 6	2 15 23	3°18'00	7♓27	0° 9	6°28	25°11	6°21	6° 4	27°36	7°39	23°30	5°57	5°23	25° 1	n.a.	F 6
S 7	2 19 19	4°19'13	19°27	28♎51	6°25	25°55	6°20	6°11	27°34	7°42	23°30	5°51	5°20	25° 8	n.a.	S 7
S 8	2 23 16	5°20'26	1♈21	27°38	6°D25	26°40	6°19	6°18	27°31	7°44	23°31	5°42	5°17	25°15	n.a.	S 8
M 9	2 27 13	6°21'40	13°13	26°34	6°28	27°24	6°18	6°25	27°29	7°46	23°31	5°30	5°14	25°22	n.a.	M 9
T 10	2 31 9	7°22'54	25° 5	25°39	6°32	28° 9	6°17	6°32	27°26	7°48	23°32	5°16	5°11	25°28	n.a.	T 10
W11	2 35 6	8°24'08	6♉58	24°55	6°39	28°53	6°16	6°39	27°24	7°50	23°32	5° 1	5° 8	25°35	n.a.	W11
T 12	2 39 2	9°25'23	18°55	24°21	6°49	29°38	6°14	6°46	27°21	7°52	23°33	4°46	5° 4	25°42	n.a.	T 12
F 13	2 42 59	10°26'38	0♊55	23°59	7° 0	0♏23	6°12	6°53	27°19	7°54	23°33	4°32	5° 1	25°49	n.a.	F 13
S 14	2 46 55	11°27'54	13° 0	23°47	7°14	1° 7	6°10	7° 0	27°16	7°56	23°34	4°21	4°58	25°55	n.a.	S 14
S 15	2 50 52	12°29'10	25°12	23°D45	7°30	1°52	6° 8	7° 7	27°14	7°58	23°35	4°12	4°55	26° 2	n.a.	S 15
M16	2 54 48	13°30'27	7♋34	23°53	7°48	2°37	6° 6	7°14	27°11	7°59	23°36	4° 7	4°52	26° 9	n.a.	M16
T 17	2 58 45	14°31'44	20° 7	24° 9	8° 8	3°22	6° 3	7°21	27° 9	8° 1	23°36	4° 4	4°48	26°15	n.a.	T 17
W18	3 2 42	15°33'01	2♌57	24°34	8°30	4° 6	6° 0	7°28	27° 7	8° 3	23°37	4°D 4	4°45	26°22	n.a.	W18
T 19	3 6 38	16°34'19	16° 6	25° 5	8°54	4°51	5°57	7°35	27° 4	8° 5	23°38	4°R 4	4°42	26°29	n.a.	T 19
F 20	3 10 35	17°35'38	29°38	25°43	9°20	5°36	5°54	7°42	27° 2	8° 7	23°39	4° 3	4°39	26°36	n.a.	F 20
S 21	3 14 31	18°36'56	13♍36	26°27	9°47	6°21	5°51	7°49	27° 0	8° 9	23°39	4° 1	4°36	26°42	n.a.	S 21
S 22	3 18 28	19°38'15	28° 0	27°16	10°16	7° 6	5°47	7°56	26°57	8°11	23°40	3°57	4°33	26°49	n.a.	S 22
M23	3 22 24	20°39'34	12♎47	28° 9	10°47	7°51	5°43	8° 2	26°55	8°12	23°41	3°49	4°29	26°56	n.a.	M23
T 24	3 26 21	21°40'54	27°53	29° 6	11°19	8°37	5°39	8° 9	26°53	8°14	23°42	3°39	4°26	27° 2	n.a.	T 24
W25	3 30 17	22°42'13	13♏ 6	0♏ 7	11°53	9°22	5°35	8°16	26°50	8°16	23°43	3°28	4°23	27° 9	n.a.	W25
T 26	3 34 14	23°43'33	28°18	1°11	12°28	10° 7	5°31	8°23	26°48	8°18	23°44	3°17	4°20	27°16	n.a.	T 26
F 27	3 38 11	24°44'52	13♐17	2°18	13° 5	10°52	5°27	8°30	26°46	8°19	23°45	3° 8	4°17	27°23	n.a.	F 27
S 28	3 42 7	25°46'11	27°53	3°27	13°43	11°38	5°22	8°37	26°44	8°21	23°46	3° 1	4°14	27°29	n.a.	S 28
S 29	3 46 4	26°47'29	12♑ 2	4°39	14°22	12°23	5°17	8°43	26°42	8°23	23°47	2°56	4°10	27°36	n.a.	S 29
M30	3 50 0	27♏48'47	25♑41	5♏52	15♎ 2	13♏ 8	5♋12	8♏50	26♈40	8♎24	23♉48	2♌55	4♌ 7	27♈43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 0	21s 5	2n42	14s 4	0s 7	4s32	1s45	8s22	0n 9	24n10	0n30	11s52	1n48	10n29	0s25	1s11	2n 0	34s19	12s47	19n 4	19n10	4n57		n.a.
M 2	11 23	21 5	1 38	13 22	0n14	4 13	1 30	8 39	0 9	24 11	0 30	11 54	1 48	10 28	0 25	1 12	2 0	34 19	12 47	19 4	19 11	4 59		n.a.
T 3	11 44	19 56	0 30	12 37	0 34	3 54	1 15	8 57	0 8	24 11	0 30	11 57	1 48	10 27	0 25	1 13	2 0	34 19	12 46	19 4	19 12	5 1		n.a.
W 4	12 6	17 47	0s37	11 50	0 55	3 37	1 0	9 14	0 8	24 11	0 30	11 59	1 48	10 26	0 25	1 14	2 0	34 18	12 46	19 4	19 12	5 4		n.a.
T 5	12 28	14 52	1 40	11 2	1 14	3 21	0 46	9 31	0 7	24 11	0 31	12 2	1 48	10 25	0 25	1 15	2 0	34 18	12 46	19 5	19 13	5 6		n.a.
F 6	12 49	11 21	2 38	10 16	1 33	3 6	0 32	9 48	0 6	24 11	0 31	12 4	1 48	10 24	0 25	1 15	2 0	34 17	12 45	19 5	19 14	5 8		n.a.
S 7	13 10	7 25	3 28	9 32	1 50	2 53	0 19	10 5	0 6	24 12	0 31	12 6	1 48	10 23	0 25	1 16	2 0	34 17	12 45	19 7	19 15	5 11		n.a.
S 8	13 31	3 14	4 8	8 52	2 5	2 41	0 6	10 22	0 5	24 12	0 31	12 9	1 48	10 22	0 25	1 17	2 0	34 17	12 45	19 9	19 16	5 13		n.a.
M 9	13 52	1n 3	4 37	8 16	2 18	2 30	0n 7	10 39	0 4	24 12	0 32	12 11	1 48	10 21	0 25	1 18	2 0	34 16	12 45	19 12	19 16	5 15		n.a.
T 10	14 12	5 18	4 54	7 46	2 29	2 21	0 19	10 56	0 4	24 13	0 32	12 13	1 48	10 20	0 25	1 18	2 0	34 16	12 44	19 16	19 17	5 17		n.a.
W11	14 32	9 22	4 59	7 21	2 38	2 13	0 31	11 13	0 3	24 13	0 32	12 16	1 48	10 20	0 25	1 19	2 0	34 16	12 44	19 19	19 18	5 20		n.a.
T 12	14 52	13 5	4 50	7 3	2 44	2 6	0 42	11 29	0 2	24 13	0 32	12 18	1 48	10 19	0 25	1 20	2 0	34 15	12 44	19 23	19 19	5 22		n.a.
F 13	15 12	16 18	4 29	6 50	2 49	2 1	0 53	11 46	0 2	24 13	0 32	12 21	1 48	10 18	0 25	1 21	2 0	34 15	12 44	19 26	19 19	5 24		n.a.
S 14	15 31	18 51	3 55	6 43	2 52	1 56	1 4	12 2	0 1	24 14	0 33	12 23	1 48	10 17	0 25	1 22	2 0	34 15	12 43	19 29	19 20	5 27		n.a.
S 15	15 50	20 35	3 10	6 42	2 53	1 53	1 14	12 19	0 0	24 14	0 33	12 25	1 48	10 16	0 25	1 22	2 0	34 14	12 43	19 31	19 21	5 29		n.a.
M16	16 9	21 22	2 15	6 45	2 52	1 52	1 24	12 35	0s 0	24 14	0 33	12 28	1 47	10 15	0 25	1 23	2 0	34 14	12 43	19 33	19 22	5 31		n.a.
T 17	16 28	21 6	1 13	6 53	2 51	1 51	1 33	12 51	0 1	24 15	0 33	12 30	1 47	10 14	0 25	1 24	2 0	34 13	12 43	19 33	19 23	5 34		n.a.
W18	16 46	19 43	0 6	7 4	2 48	1 52	1 42	13 7	0 2	24 15	0 34	12 32	1 47	10 13	0 25	1 24	2 0	34 13	12 42	19 33	19 23	5 36		n.a.
T 19	17 4	17 17	1n 3	7 19	2 44	1 53	1 51	13 23	0 2	24 16	0 34	12 34	1 47	10 13	0 25	1 25	2 0	34 13	12 42	19 33	19 24	5 38		n.a.
F 20	17 21	13 49	2 11	7 37	2 40	1 56	1 59	13 39	0 3	24 16	0 34	12 37	1 47	10 12	0 25	1 26	2 0	34 12	12 42	19 33	19 25	5 41		n.a.
S 21	17 39	9 31	3 13	7 58	2 35	2 0	2 7	13 55	0 4	24 16	0 34	12 39	1 47	10 11	0 25	1 27	2 0	34 12	12 42	19 34	19 26	5 43		n.a.
S 22	17 56	4 32	4 5	8 21	2 29	2 5	2 14	14 11	0 4	24 17	0 34	12 41	1 47	10 10	0 25	1 27	2 0	34 11	12 41	19 35	19 26	5 45		n.a.
M23	18 13	0s49	4 42	8 46	2 23	2 10	2 21	14 26	0 5	24 17	0 35	12 44	1 47	10 9	0 25	1 28	2 1	34 11	12 41	19 37	19 27	5 48		n.a.
T 24	18 29	6 14	5 0	9 13	2 16	2 17	2 28	14 42	0 6	24 17	0 35	12 46	1 47	10 8	0 25	1 29	2 1	34 11	12 41	19 39	19 28	5 50		n.a.
W25	18 45	11 18	4 57	9 41	2 10	2 25	2 34	14 57	0 6	24 18	0 35	12 48	1 47	10 8	0 25	1 29	2 1	34 10	12 41	19 42	19 29	5 52		n.a.
T 26	19 1	15 40	4 34	10 10	2 2	2 33	2 40	15 12	0 7	24 18	0 35	12 50	1 47	10 7	0 25	1 30	2 1	34 10	12 40	19 44	19 29	5 55		n.a.
F 27	19 16	18 56	3 51	10 40	1 55	2 42	2 46	15 27	0 8	24 19	0 36	12 53	1 47	10 6	0 25	1 31	2 1	34 9	12 40	19 47	19 30	5 57		n.a.
S 28	19 31	20 54	2 55	11 11	1 47	2 52	2 51	15 42	0 8	24 19	0 36	12 55	1 47	10 5	0 25	1 31	2 1	34 9	12 40	19 48	19 31	5 59		n.a.
S 29	19 46	21 28	1 49	11 43	1 40	3 3	2 56	15 57	0 9	24 19	0 36	12 57	1 47	10 5	0 25	1 32	2 1	34 9	12 40	19 49	19 32	6 2		n.a.
M30	20s 0	20s44	0n38	12s15	1n32	3s15	3n 1	16s12	0s10	24n20	0n36	12s59	1n47	10n 4	0s25	1s32	2n 1	34s 8	12s39	19n50	19n33	6n 4		n.a.

Julian Day Number = 1295845.5, Delta T = 07h54m55s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'30, Lahiri = -20°02'30 Julian Calendar 1 Nov. 1166 BCE == Greg. Calendar 21 Oct. 1166 BCE

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ASTRODIENST EPHEMERIS for the year 1166 BCE
geocentric

DECEMBER 1166 BCE (-1165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 57	28♏50'04	8♒52	7♏ 7	15♎44	13♏54	5°R 7	8♏57	26°R38	8♎26	23♑49	2°D54	4♌ 4	27♈50	n.a.	T 1
W 2	3 57 53	29°51'21	21°37	8°24	16°27	14°39	5♋ 2	9° 4	26♈36	8°28	23°50	2♌55	4° 1	27°56	n.a.	W 2
T 3	4 1 50	0♐52'37	4♓ 2	9°42	17°10	15°25	4°56	9°10	26°34	8°29	23°51	2°R55	3°58	28° 3	n.a.	T 3
F 4	4 5 47	1°53'52	16°11	11° 2	17°55	16°10	4°51	9°17	26°32	8°31	23°52	2°54	3°54	28°10	n.a.	F 4
S 5	4 9 43	2°55'06	28° 9	12°23	18°41	16°56	4°45	9°24	26°30	8°32	23°53	2°51	3°51	28°16	n.a.	S 5
S 6	4 13 40	3°56'20	10♈ 1	13°44	19°28	17°41	4°39	9°30	26°28	8°34	23°54	2°45	3°48	28°23	n.a.	S 6
M 7	4 17 36	4°57'32	21°52	15° 7	20°15	18°27	4°33	9°37	26°26	8°35	23°55	2°36	3°45	28°30	n.a.	M 7
T 8	4 21 33	5°58'44	3♉44	16°31	21° 4	19°12	4°27	9°43	26°24	8°37	23°57	2°26	3°42	28°37	n.a.	T 8
W 9	4 25 29	6°59'55	15°41	17°56	21°53	19°58	4°21	9°50	26°22	8°38	23°58	2°15	3°39	28°43	n.a.	W 9
T 10	4 29 26	8° 1'06	27°43	19°21	22°43	20°44	4°15	9°56	26°21	8°39	23°59	2° 4	3°35	28°50	n.a.	T 10
F 11	4 33 22	9° 2'15	9♊52	20°47	23°34	21°30	4° 8	10° 3	26°19	8°41	24° 0	1°53	3°32	28°57	n.a.	F 11
S 12	4 37 19	10° 3'24	22°10	22°14	24°26	22°15	4° 1	10° 9	26°17	8°42	24° 1	1°45	3°29	29° 4	n.a.	S 12
S 13	4 41 16	11° 4'32	4♋36	23°42	25°19	23° 1	3°55	10°16	26°16	8°43	24° 3	1°39	3°26	29°10	n.a.	S 13
M14	4 45 12	12° 5'39	17°12	25°10	26°12	23°47	3°48	10°22	26°14	8°44	24° 4	1°36	3°23	29°17	n.a.	M14
T 15	4 49 9	13° 6'46	29°59	26°40	27° 6	24°33	3°41	10°28	26°13	8°46	24° 5	1°D35	3°20	29°24	n.a.	T 15
W16	4 53 5	14° 7'52	12♌59	28° 9	28° 0	25°19	3°34	10°34	26°11	8°47	24° 7	1°35	3°16	29°30	n.a.	W16
T 17	4 57 2	15° 8'57	26°14	29°40	28°55	26° 5	3°26	10°41	26°10	8°48	24° 8	1°36	3°13	29°37	n.a.	T 17
F 18	5 0 58	16°10'01	9♍46	1♐11	29°51	26°51	3°19	10°47	26° 8	8°49	24° 9	1°R37	3°10	29°44	n.a.	F 18
S 19	5 4 55	17°11'05	23°36	2°42	0♏47	27°37	3°12	10°53	26° 7	8°50	24°11	1°37	3° 7	29°51	n.a.	S 19
S 20	5 8 52	18°12'08	7♎45	4°15	1°44	28°23	3° 4	10°59	26° 6	8°51	24°12	1°36	3° 4	29°57	n.a.	S 20
M21	5 12 48	19°13'10	22°12	5°48	2°42	29° 9	2°57	11° 5	26° 4	8°52	24°13	1°32	3° 0	0♉ 4	n.a.	M21
T 22	5 16 45	20°14'11	6♏53	7°21	3°39	29°55	2°49	11°11	26° 3	8°53	24°15	1°27	2°57	0°11	n.a.	T 22
W23	5 20 41	21°15'11	21°42	8°56	4°38	0♐41	2°42	11°17	26° 2	8°54	24°16	1°20	2°54	0°18	n.a.	W23
T 24	5 24 38	22°16'10	6♐33	10°31	5°37	1°27	2°34	11°23	26° 1	8°55	24°18	1°14	2°51	0°24	n.a.	T 24
F 25	5 28 34	23°17'08	21°15	12° 6	6°36	2°13	2°26	11°29	26° 0	8°56	24°19	1° 8	2°48	0°31	n.a.	F 25
S 26	5 32 31	24°18'05	5♑42	13°43	7°36	3° 0	2°18	11°34	25°59	8°57	24°21	1° 4	2°45	0°38	n.a.	S 26
S 27	5 36 27	25°19'01	19°48	15°20	8°36	3°46	2°10	11°40	25°58	8°58	24°22	1° 2	2°41	0°44	n.a.	S 27
M28	5 40 24	26°19'54	3♒29	16°58	9°36	4°32	2° 3	11°46	25°57	8°59	24°23	1°D 2	2°38	0°51	n.a.	M28
T 29	5 44 21	27°20'47	16°44	18°36	10°37	5°18	1°55	11°51	25°56	9° 0	24°25	1° 2	2°35	0°58	n.a.	T 29
W30	5 48 17	28°21'37	29°35	20°15	11°39	6° 5	1°47	11°57	25°55	9° 0	24°26	1° 4	2°32	1° 5	n.a.	W30
T 31	5 52 14	29♐22'26	12♓ 6	21♐56	12♏40	6♐51	1♋39	12♏ 2	25♈54	9♎ 1	24♑28	1♌ 6	2♌29	1♉11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s14	18s51	0s32	12s48	1n24	3s27	3n 5	16s26	0s11	24n20	0n36	13s 1	1n47	10n 3	0s25	1s33	2n 1	34s 8	12s39	19n50	19n33	6n 6			n.a.
W 2	20 27	16 4	1 38	13 20	1 16	3 40	3 9	16 41	0 11	24 21	0 37	13 3	1 47	10 2	0 25	1 34	2 1	34 7	12 39	19 50	19 34	6 8			n.a.
T 3	20 40	12 38	2 38	13 53	1 8	3 53	3 13	16 55	0 12	24 21	0 37	13 6	1 47	10 2	0 25	1 34	2 1	34 7	12 39	19 50	19 35	6 11			n.a.
F 4	20 53	8 45	3 29	14 26	1 0	4 7	3 17	17 9	0 13	24 22	0 37	13 8	1 47	10 1	0 25	1 35	2 1	34 6	12 39	19 50	19 36	6 13			n.a.
S 5	21 5	4 34	4 11	14 59	0 52	4 22	3 20	17 23	0 13	24 22	0 37	13 10	1 47	10 0	0 25	1 35	2 1	34 6	12 38	19 51	19 36	6 15			n.a.
S 6	21 17	0 16	4 41	15 31	0 44	4 37	3 23	17 36	0 14	24 22	0 37	13 12	1 47	10 0	0 25	1 36	2 1	34 6	12 38	19 52	19 37	6 18			n.a.
M 7	21 28	4n 2	4 59	16 3	0 36	4 52	3 26	17 50	0 15	24 23	0 38	13 14	1 47	9 59	0 25	1 36	2 1	34 5	12 38	19 54	19 38	6 20			n.a.
T 8	21 39	8 12	5 4	16 35	0 29	5 9	3 28	18 4	0 15	24 23	0 38	13 16	1 47	9 58	0 25	1 37	2 1	34 5	12 38	19 56	19 39	6 22			n.a.
W 9	21 50	12 5	4 56	17 7	0 21	5 25	3 30	18 17	0 16	24 24	0 38	13 18	1 47	9 58	0 24	1 37	2 1	34 4	12 38	19 59	19 39	6 25			n.a.
T 10	22 0	15 31	4 35	17 38	0 13	5 42	3 32	18 30	0 17	24 24	0 38	13 20	1 47	9 57	0 24	1 38	2 1	34 4	12 37	20 1	19 40	6 27			n.a.
F 11	22 10	18 19	4 1	18 9	0 6	6 0	3 34	18 43	0 17	24 24	0 39	13 22	1 48	9 56	0 24	1 38	2 1	34 4	12 37	20 4	19 41	6 29			n.a.
S 12	22 19	20 21	3 15	18 39	0s 1	6 17	3 35	18 55	0 18	24 25	0 39	13 24	1 48	9 56	0 24	1 39	2 2	34 3	12 37	20 6	19 42	6 32			n.a.
S 13	22 28	21 25	2 20	19 9	0 9	6 35	3 37	19 8	0 19	24 25	0 39	13 26	1 48	9 55	0 24	1 39	2 2	34 3	12 37	20 7	19 42	6 34			n.a.
M14	22 37	21 26	1 17	19 38	0 16	6 54	3 38	19 20	0 20	24 26	0 39	13 28	1 48	9 55	0 24	1 40	2 2	34 2	12 37	20 8	19 43	6 36			n.a.
T 15	22 45	20 21	0 9	20 6	0 23	7 13	3 39	19 33	0 20	24 26	0 39	13 30	1 48	9 54	0 24	1 40	2 2	34 2	12 37	20 8	19 44	6 39			n.a.
W16	22 52	18 10	1n 1	20 33	0 30	7 32	3 39	19 45	0 21	24 26	0 39	13 32	1 48	9 54	0 24	1 41	2 2	34 2	12 36	20 8	19 45	6 41			n.a.
T 17	22 59	15 0	2 9	21 0	0 36	7 51	3 40	19 56	0 22	24 27	0 40	13 34	1 48	9 53	0 24	1 41	2 2	34 1	12 36	20 8	19 45	6 43			n.a.
F 18	23 6	10 59	3 11	21 26	0 43	8 11	3 40	20 8	0 22	24 27	0 40	13 36	1 48	9 53	0 24	1 41	2 2	34 1	12 36	20 7	19 46	6 46			n.a.
S 19	23 12	6 18	4 4	21 51	0 49	8 30	3 40	20 19	0 23	24 28	0 40	13 38	1 48	9 52	0 24	1 42	2 2	34 0	12 36	20 7	19 47	6 48			n.a.
S 20	23 18	1 12	4 43	22 15	0 55	8 50	3 40	20 31	0 24	24 28	0 40	13 40	1 48	9 52	0 24	1 42	2 2	34 0	12 36	20 8	19 48	6 50			n.a.
M21	23 23	4s 4	5 5	22 38	1 1	9 10	3 40	20 42	0 24	24 28	0 40	13 41	1 48	9 51	0 24	1 42	2 2	33 59	12 36	20 9	19 48	6 52			n.a.
T 22	23 28	9 11	5 8	22 59	1 7	9 31	3 39	20 52	0 25	24 29	0 41	13 43	1 48	9 51	0 24	1 43	2 2	33 59	12 35	20 10	19 49	6 55			n.a.
W23	23 32	13 49	4 50	23 20	1 12	9 51	3 39	21 3	0 26	24 29	0 41	13 45	1 48	9 50	0 24	1 43	2 2	33 59	12 35	20 11	19 50	6 57			n.a.
T 24	23 36	17 36	4 13	23 40	1 17	10 11	3 38	21 13	0 26	24 29	0 41	13 47	1 48	9 50	0 24	1 43	2 2	33 58	12 35	20 13	19 51	6 59			n.a.
F 25	23 39	20 13	3 19	23 58	1 22	10 32	3 37	21 23	0 27	24 30	0 41	13 49	1 48	9 50	0 24	1 44	2 2	33 58	12 35	20 14	19 51	7 2			n.a.
S 26	23 42	21 29	2 13	24 16	1 27	10 52	3 36	21 33	0 28	24 30	0 41	13 50	1 48	9 49	0 24	1 44	2 2	33 57	12 35	20 15	19 52	7 4			n.a.
S 27	23 45	21 21	1 1	24 32	1 32	11 13	3 35	21 43	0 29	24 30	0 41	13 52	1 48	9 49	0 24	1 44	2 3	33 57	12 35	20 15	19 53	7 6			n.a.
M28	23 47	19 55	0s13	24 46	1 36	11 34	3 33	21 52	0 29	24 30	0 42	13 54	1 48	9 49	0 24	1 45	2 3	33 57	12 35	20 15	19 54	7 9			n.a.
T 29	23 48	17 25	1 25	24 59	1 40	11 54	3 32	22 2	0 30	24 31	0 42	13 55	1 48	9 48	0 24	1 45	2 3	33 56	12 35	20 15	19 54	7 11			n.a.
W30	23 49	14 8	2 30	25 11	1 43	12 15	3 30	22 11	0 31	24 31	0 42	13 57	1 48	9 48	0 24	1 45	2 3	33 56	12 35	20 15	19 55	7 13			n.a.
T 31	23s50	10s18	3s26	25s21	1s47	12s35	3n28	22s19	0s31	24n31	0n42	13s59	1n49	9n48	0s24	1s45	2n 3	33s55	12s34	20n15	19n56	7n16			n.a.

Julian Day Number = 1295875.5, Delta T = 07h54m54s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'26, Lahiri = -20°02'26 Julian Calendar 1 Dec. 1166 BCE == Greg. Calendar 20 Nov. 1166 BCE

The year -1165 astronomical counting style corresponds to year 1166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

JANUARY 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 56 10	0♉23'13	24♓19	23♐36	13♏42	7♐37	1°R31	12♏ 8	25°R54	9♎ 2	24♉29	1♌ 7	2♌26	1♉18	n.a.	F 1
S 2	6 0 7	1°23'59	6♈20	25°18	14°44	8°24	1♋23	12°13	25♈53	9° 3	24°31	1°R 7	2°22	1°25	n.a.	S 2
S 3	6 4 3	2°24'42	18°15	27° 0	15°47	9°10	1°15	12°18	25°52	9° 3	24°33	1° 6	2°19	1°32	n.a.	S 3
M 4	6 8 0	3°25'24	0♉ 6	28°44	16°50	9°57	1° 7	12°24	25°52	9° 4	24°34	1° 3	2°16	1°38	n.a.	M 4
T 5	6 11 56	4°26'04	12° 0	0♉28	17°53	10°43	0°59	12°29	25°51	9° 4	24°36	0°59	2°13	1°45	n.a.	T 5
W 6	6 15 53	5°26'42	23°59	2°13	18°57	11°29	0°51	12°34	25°51	9° 5	24°37	0°55	2°10	1°52	n.a.	W 6
T 7	6 19 50	6°27'19	6♊ 6	3°58	20° 0	12°16	0°43	12°39	25°51	9° 5	24°39	0°51	2° 6	1°58	n.a.	T 7
F 8	6 23 46	7°27'53	18°25	5°45	21° 5	13° 2	0°35	12°44	25°50	9° 6	24°40	0°47	2° 3	2° 5	n.a.	F 8
S 9	6 27 43	8°28'26	0♋55	7°32	22° 9	13°49	0°27	12°49	25°50	9° 6	24°42	0°43	2° 0	2°12	n.a.	S 9
S 10	6 31 39	9°28'57	13°39	9°21	23°13	14°35	0°20	12°54	25°50	9° 7	24°44	0°41	1°57	2°19	n.a.	S 10
M11	6 35 36	10°29'26	26°36	11°10	24°18	15°22	0°12	12°59	25°49	9° 7	24°45	0°D40	1°54	2°25	n.a.	M11
T 12	6 39 32	11°29'54	9♌45	13° 0	25°23	16° 8	0° 4	13° 3	25°49	9° 7	24°47	0°41	1°51	2°32	n.a.	T 12
W13	6 43 29	12°30'20	23° 7	14°50	26°28	16°55	29♊57	13° 8	25°49	9° 8	24°48	0°42	1°47	2°39	n.a.	W13
T 14	6 47 26	13°30'44	6♍41	16°42	27°34	17°42	29°49	13°13	25°D49	9° 8	24°50	0°43	1°44	2°45	n.a.	T 14
F 15	6 51 22	14°31'07	20°27	18°34	28°40	18°28	29°41	13°17	25°49	9° 8	24°52	0°44	1°41	2°52	n.a.	F 15
S 16	6 55 19	15°31'28	4♎23	20°26	29°46	19°15	29°34	13°22	25°49	9° 8	24°53	0°45	1°38	2°59	n.a.	S 16
S 17	6 59 15	16°31'47	18°29	22°20	0♐52	20° 1	29°27	13°26	25°49	9° 8	24°55	0°R45	1°35	3° 6	n.a.	S 17
M18	7 3 12	17°32'05	2♏43	24°13	1°58	20°48	29°19	13°30	25°49	9° 9	24°57	0°45	1°31	3°12	n.a.	M18
T 19	7 7 8	18°32'22	17° 3	26° 7	3° 4	21°35	29°12	13°34	25°50	9° 9	24°58	0°44	1°28	3°19	n.a.	T 19
W20	7 11 5	19°32'36	1♐25	28° 1	4°11	22°21	29° 5	13°39	25°50	9° 9	25° 0	0°43	1°25	3°26	n.a.	W20
T 21	7 15 1	20°32'50	15°45	29°54	5°18	23° 8	28°58	13°43	25°50	9°R 9	25° 1	0°41	1°22	3°33	n.a.	T 21
F 22	7 18 58	21°33'01	29°59	1♒47	6°25	23°55	28°51	13°47	25°51	9° 9	25° 3	0°40	1°19	3°39	n.a.	F 22
S 23	7 22 55	22°33'10	14♑ 2	3°40	7°32	24°42	28°44	13°50	25°51	9° 9	25° 5	0°39	1°16	3°46	n.a.	S 23
S 24	7 26 51	23°33'18	27°49	5°32	8°39	25°28	28°38	13°54	25°52	9° 9	25° 6	0°D39	1°12	3°53	n.a.	S 24
M25	7 30 48	24°33'23	11♒19	7°22	9°47	26°15	28°31	13°58	25°52	9° 8	25° 8	0°39	1° 9	3°59	n.a.	M25
T 26	7 34 44	25°33'26	24°29	9°10	10°54	27° 2	28°25	14° 2	25°53	9° 8	25°10	0°40	1° 6	4° 6	n.a.	T 26
W27	7 38 41	26°33'27	7♓19	10°56	12° 2	27°48	28°18	14° 5	25°53	9° 8	25°11	0°40	1° 3	4°13	n.a.	W27
T 28	7 42 37	27°33'26	19°51	12°40	13°10	28°35	28°12	14° 9	25°54	9° 8	25°13	0°40	1° 0	4°20	n.a.	T 28
F 29	7 46 34	28°33'22	2♈ 7	14°20	14°18	29°22	28° 6	14°12	25°55	9° 8	25°15	0°41	0°57	4°26	n.a.	F 29
S 30	7 50 30	29°33'16	14°11	15°57	15°26	0♑ 9	28° 0	14°15	25°56	9° 7	25°16	0°41	0°53	4°33	n.a.	S 30
S 31	7 54 27	0♒33'08	26♈ 7	17♒30	16♐34	0♑55	27♊55	14♏19	25♈57	9♎ 7	25♑18	0♌41	0♌50	4♉40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	6s 7	4s11	25s30	1s50	12s56	3n26	22s28	0s32	24n32	0n42	14s 0	1n49	9n48	0s24	1s46	2n 3	33s55	12s34	20n14	19n56	7n18		n.a.
S 2	23 49	1 47	4 44	25 37	1 52	13 16	3 24	22 36	0 33	24 32	0 42	14 2	1 49	9 47	0 24	1 46	2 3	33 55	12 34	20 14	19 57	7 20		n.a.
S 3	23 49	2n34	5 5	25 42	1 55	13 37	3 22	22 44	0 33	24 32	0 42	14 3	1 49	9 47	0 24	1 46	2 3	33 54	12 34	20 15	19 58	7 23		n.a.
M 4	23 47	6 49	5 13	25 46	1 56	13 57	3 20	22 52	0 34	24 32	0 43	14 5	1 49	9 47	0 24	1 46	2 3	33 54	12 34	20 15	19 59	7 25		n.a.
T 5	23 45	10 49	5 7	25 48	1 58	14 17	3 18	22 59	0 35	24 32	0 43	14 6	1 49	9 47	0 24	1 46	2 3	33 54	12 34	20 16	19 59	7 27		n.a.
W 6	23 43	14 25	4 48	25 48	1 59	14 37	3 15	23 7	0 35	24 33	0 43	14 8	1 49	9 47	0 24	1 46	2 3	33 53	12 34	20 17	20 0	7 30		n.a.
T 7	23 40	17 29	4 16	25 46	2 0	14 56	3 13	23 14	0 36	24 33	0 43	14 9	1 49	9 47	0 24	1 47	2 3	33 53	12 34	20 18	20 1	7 32		n.a.
F 8	23 37	19 48	3 32	25 42	2 0	15 16	3 10	23 21	0 37	24 33	0 43	14 11	1 49	9 46	0 24	1 47	2 3	33 52	12 34	20 19	20 2	7 34		n.a.
S 9	23 33	21 13	2 36	25 36	2 0	15 35	3 7	23 27	0 37	24 33	0 43	14 12	1 49	9 46	0 24	1 47	2 3	33 52	12 34	20 19	20 2	7 36		n.a.
S 10	23 29	21 35	1 32	25 29	1 59	15 55	3 4	23 33	0 38	24 33	0 43	14 14	1 49	9 46	0 24	1 47	2 3	33 52	12 34	20 20	20 3	7 39		n.a.
M11	23 25	20 49	0 22	25 19	1 58	16 13	3 2	23 39	0 39	24 33	0 43	14 15	1 49	9 46	0 24	1 47	2 4	33 51	12 34	20 20	20 4	7 41		n.a.
T 12	23 19	18 54	0n50	25 7	1 56	16 32	2 59	23 45	0 39	24 33	0 44	14 16	1 50	9 46	0 24	1 47	2 4	33 51	12 34	20 20	20 4	7 43		n.a.
W13	23 14	15 56	2 1	24 53	1 54	16 51	2 55	23 50	0 40	24 34	0 44	14 18	1 50	9 46	0 24	1 47	2 4	33 51	12 34	20 20	20 5	7 46		n.a.
T 14	23 8	12 4	3 6	24 36	1 51	17 9	2 52	23 56	0 41	24 34	0 44	14 19	1 50	9 46	0 24	1 47	2 4	33 50	12 34	20 20	20 6	7 48		n.a.
F 15	23 2	7 32	4 1	24 18	1 48	17 26	2 49	24 1	0 41	24 34	0 44	14 20	1 50	9 46	0 23	1 47	2 4	33 50	12 34	20 19	20 7	7 50		n.a.
S 16	22 55	2 33	4 43	23 57	1 44	17 44	2 46	24 5	0 42	24 34	0 44	14 22	1 50	9 46	0 23	1 47	2 4	33 50	12 34	20 19	20 7	7 53		n.a.
S 17	22 47	2s36	5 9	23 35	1 39	18 1	2 42	24 10	0 43	24 34	0 44	14 23	1 50	9 46	0 23	1 47	2 4	33 49	12 34	20 19	20 8	7 55		n.a.
M18	22 40	7 40	5 16	23 10	1 34	18 18	2 39	24 14	0 43	24 34	0 44	14 24	1 50	9 47	0 23	1 47	2 4	33 49	12 34	20 19	20 9	7 57		n.a.
T 19	22 31	12 21	5 4	22 43	1 28	18 34	2 35	24 17	0 44	24 34	0 44	14 25	1 50	9 47	0 23	1 47	2 4	33 49	12 34	20 19	20 10	8 0		n.a.
W20	22 23	16 20	4 32	22 14	1 21	18 51	2 32	24 21	0 45	24 34	0 44	14 26	1 50	9 47	0 23	1 47	2 4	33 48	12 34	20 20	20 10	8 2		n.a.
T 21	22 14	19 21	3 44	21 43	1 14	19 6	2 28	24 24	0 45	24 34	0 44	14 27	1 50	9 47	0 23	1 47	2 4	33 48	12 34	20 20	20 11	8 4		n.a.
F 22	22 4	21 8	2 42	21 10	1 6	19 22	2 25	24 27	0 46	24 34	0 44	14 29	1 51	9 47	0 23	1 47	2 4	33 48	12 34	20 20	20 12	8 7		n.a.
S 23	21 55	21 34	1 31	20 35	0 57	19 36	2 21	24 30	0 47	24 34	0 45	14 30	1 51	9 47	0 23	1 47	2 4	33 47	12 34	20 20	20 12	8 9		n.a.
S 24	21 44	20 41	0 16	19 58	0 48	19 51	2 17	24 32	0 47	24 34	0 45	14 31	1 51	9 47	0 23	1 47	2 4	33 47	12 34	20 20	20 13	8 11		n.a.
M25	21 34	18 36	0s59	19 21	0 38	20 5	2 13	24 35	0 48	24 34	0 45	14 32	1 51	9 48	0 23	1 47	2 5	33 47	12 34	20 20	20 14	8 13		n.a.
T 26	21 23	15 35	2 8	18 41	0 27	20 19	2 10	24 36	0 48	24 34	0 45	14 33	1 51	9 48	0 23	1 47	2 5	33 46	12 34	20 20	20 14	8 16		n.a.
W27	21 11	11 53	3 10	18 1	0 16	20 32	2 6	24 38	0 49	24 34	0 45	14 34	1 51	9 48	0 23	1 46	2 5	33 46	12 34	20 20	20 15	8 18		n.a.
T 28	20 59	7 45	4 0	17 21	0 4	20 44	2 2	24 39	0 50	24 34	0 45	14 35	1 51	9 49	0 23	1 46	2 5	33 46	12 34	20 20	20 16	8 20		n.a.
F 29	20 47	3 24	4 39	16 39	0n 9	20 56	1 58	24 40	0 50	24 34	0 45	14 35	1 51	9 49	0 23	1 46	2 5	33 46	12 34	20 20	20 17	8 23		n.a.
S 30	20 35	1n 1	5 4	15 58	0 22	21 8	1 54	24 41	0 51	24 34	0 45	14 36	1 52	9 49	0 23	1 46	2 5	33 45	12 34	20 20	20 17	8 25		n.a.
S 31	20s22	5n21	5s16	15s17	0n35	21s19	1n50	24s41	0s52	24n34	0n45	14s37	1n52	9n49	0s23	1s46	2n 5	33s45	12s34	20n20	20n18	8n27		n.a.

Julian Day Number = 1295906.5, Delta T = 07h54m52s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'22, Lahiri = -20°02'21 Julian Calendar 1 Jan. 1165 BCE == Greg. Calendar 21 Dec. 1166 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

FEBRUARY 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 58 23	1♒32'57	8♉ 0	18♒57	17♐42	1♑42	27°R49	14♏22	25♈57	9°R 7	25♑20	0♌41	0♌47	4♉47	n.a.	M 1
T 2	8 2 20	2°32'44	19°54	20°20	18°51	2°29	27♊44	14°25	25°58	9♎ 6	25°21	0°41	0°44	4°53	n.a.	T 2
W 3	8 6 17	3°32'29	1♊54	21°36	19°59	3°15	27°38	14°28	25°59	9° 6	25°23	0°41	0°41	5° 0	n.a.	W 3
T 4	8 10 13	4°32'11	14° 4	22°47	21° 8	4° 2	27°33	14°31	26° 1	9° 5	25°24	0°42	0°37	5° 7	n.a.	T 4
F 5	8 14 10	5°31'51	26°28	23°50	22°17	4°49	27°28	14°34	26° 2	9° 5	25°26	0°42	0°34	5°13	n.a.	F 5
S 6	8 18 6	6°31'29	9♋ 8	24°47	23°26	5°36	27°23	14°36	26° 3	9° 4	25°28	0°43	0°31	5°20	n.a.	S 6
S 7	8 22 3	7°31'04	22° 6	25°36	24°34	6°22	27°19	14°39	26° 4	9° 4	25°29	0°43	0°28	5°27	n.a.	S 7
M 8	8 25 59	8°30'37	5♌23	26°17	25°44	7° 9	27°14	14°41	26° 5	9° 3	25°31	0°R43	0°25	5°34	n.a.	M 8
T 9	8 29 56	9°30'08	18°57	26°51	26°53	7°56	27°10	14°44	26° 7	9° 3	25°33	0°43	0°22	5°40	n.a.	T 9
W10	8 33 52	10°29'37	2♍47	27°16	28° 2	8°43	27° 6	14°46	26° 8	9° 2	25°34	0°42	0°18	5°47	n.a.	W10
T 11	8 37 49	11°29'03	16°49	27°33	29°11	9°29	27° 2	14°48	26° 9	9° 2	25°36	0°41	0°15	5°54	n.a.	T 11
F 12	8 41 46	12°28'28	1♎ 0	27°42	0♑21	10°16	26°58	14°51	26°11	9° 1	25°37	0°39	0°12	6° 1	n.a.	F 12
S 13	8 45 42	13°27'50	15°15	27°R43	1°30	11° 3	26°54	14°53	26°12	9° 0	25°39	0°38	0° 9	6° 7	n.a.	S 13
S 14	8 49 39	14°27'11	29°32	27°36	2°40	11°49	26°51	14°55	26°14	8°59	25°40	0°37	0° 6	6°14	n.a.	S 14
M15	8 53 35	15°26'30	13♏46	27°22	3°49	12°36	26°47	14°56	26°15	8°59	25°42	0°D36	0° 3	6°21	n.a.	M15
T 16	8 57 32	16°25'47	27°56	27° 1	4°59	13°23	26°44	14°58	26°17	8°58	25°44	0°37	29♋59	6°27	n.a.	T 16
W17	9 1 28	17°25'02	11♐59	26°33	6° 9	14° 9	26°41	15° 0	26°19	8°57	25°45	0°37	29°56	6°34	n.a.	W17
T 18	9 5 25	18°24'15	25°54	25°59	7°19	14°56	26°39	15° 1	26°21	8°56	25°47	0°39	29°53	6°41	n.a.	T 18
F 19	9 9 21	19°23'26	9♑39	25°20	8°28	15°43	26°36	15° 3	26°22	8°55	25°48	0°40	29°50	6°48	n.a.	F 19
S 20	9 13 18	20°22'36	23°14	24°38	9°38	16°29	26°34	15° 4	26°24	8°54	25°50	0°41	29°47	6°54	n.a.	S 20
S 21	9 17 14	21°21'43	6♒36	23°52	10°48	17°16	26°31	15° 6	26°26	8°53	25°51	0°R41	29°43	7° 1	n.a.	S 21
M22	9 21 11	22°20'48	19°45	23° 3	11°59	18° 3	26°29	15° 7	26°28	8°52	25°53	0°40	29°40	7° 8	n.a.	M22
T 23	9 25 8	23°19'51	2♓39	22°14	13° 9	18°49	26°28	15° 8	26°30	8°51	25°54	0°38	29°37	7°14	n.a.	T 23
W24	9 29 4	24°18'51	15°20	21°24	14°19	19°36	26°26	15° 9	26°32	8°50	25°56	0°34	29°34	7°21	n.a.	W24
T 25	9 33 1	25°17'50	27°46	20°35	15°29	20°22	26°25	15°10	26°34	8°49	25°57	0°30	29°31	7°28	n.a.	T 25
F 26	9 36 57	26°16'46	10♈ 0	19°47	16°40	21° 9	26°23	15°11	26°36	8°48	25°59	0°26	29°28	7°35	n.a.	F 26
S 27	9 40 54	27°15'39	22° 3	19° 2	17°50	21°56	26°22	15°11	26°38	8°47	26° 0	0°22	29°24	7°41	n.a.	S 27
S 28	9 44 50	28°14'31	4♉ 0	18°20	19° 0	22°42	26°21	15°12	26°40	8°46	26° 2	0°19	29°21	7°48	n.a.	S 28
M29	9 48 47	29♒13'20	15♉52	17♒42	20♑11	23♑29	26♊21	15♏13	26♈43	8♎45	26♑ 3	0♌17	29♋18	7♉55	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 8	9n27	5s15	14s36	0n49	21s30	1n46	24s41	0s52	24n34	0n45	14s38	1n52	9n50	0s23	1s46	2n 5	33s45	12s34	20n20	20n19	8n30		n.a.
T 2	19 55	13 12	5 0	13 57	1 3	21 40	1 42	24 41	0 53	24 34	0 45	14 39	1 52	9 50	0 23	1 45	2 5	33 44	12 34	20 20	20 19	8 32		n.a.
W 3	19 41	16 27	4 31	13 19	1 18	21 49	1 38	24 41	0 53	24 34	0 45	14 40	1 52	9 51	0 23	1 45	2 5	33 44	12 34	20 20	20 20	8 34		n.a.
T 4	19 26	19 3	3 51	12 42	1 32	21 58	1 34	24 40	0 54	24 34	0 45	14 40	1 52	9 51	0 23	1 45	2 5	33 44	12 34	20 20	20 21	8 37		n.a.
F 5	19 12	20 48	2 59	12 7	1 46	22 6	1 30	24 39	0 55	24 34	0 45	14 41	1 52	9 51	0 23	1 45	2 5	33 44	12 34	20 20	20 21	8 39		n.a.
S 6	18 57	21 34	1 57	11 35	2 0	22 14	1 26	24 38	0 55	24 34	0 45	14 42	1 52	9 52	0 23	1 44	2 5	33 43	12 34	20 20	20 22	8 41		n.a.
S 7	18 42	21 12	0 48	11 6	2 14	22 21	1 22	24 36	0 56	24 33	0 45	14 42	1 53	9 52	0 23	1 44	2 5	33 43	12 35	20 20	20 23	8 43		n.a.
M 8	18 26	19 39	0n26	10 39	2 27	22 28	1 18	24 34	0 56	24 33	0 45	14 43	1 53	9 53	0 23	1 44	2 5	33 43	12 35	20 20	20 24	8 46		n.a.
T 9	18 10	16 57	1 39	10 16	2 40	22 34	1 14	24 32	0 57	24 33	0 45	14 44	1 53	9 53	0 23	1 43	2 6	33 43	12 35	20 20	20 24	8 48		n.a.
W10	17 54	13 16	2 48	9 56	2 52	22 39	1 10	24 30	0 58	24 33	0 45	14 44	1 53	9 54	0 23	1 43	2 6	33 43	12 35	20 20	20 25	8 50		n.a.
T 11	17 37	8 47	3 48	9 39	3 3	22 44	1 6	24 27	0 58	24 33	0 45	14 45	1 53	9 54	0 23	1 43	2 6	33 42	12 35	20 20	20 26	8 53		n.a.
F 12	17 20	3 47	4 35	9 27	3 13	22 48	1 2	24 24	0 59	24 33	0 45	14 45	1 53	9 55	0 23	1 43	2 6	33 42	12 35	20 20	20 26	8 55		n.a.
S 13	17 3	1s26	5 5	9 18	3 22	22 52	0 58	24 21	0 59	24 33	0 45	14 46	1 53	9 56	0 23	1 42	2 6	33 42	12 35	20 21	20 27	8 57		n.a.
S 14	16 46	6 34	5 16	9 13	3 30	22 55	0 54	24 17	1 0	24 33	0 45	14 46	1 53	9 56	0 23	1 42	2 6	33 42	12 35	20 21	20 28	9 0		n.a.
M15	16 28	11 20	5 8	9 12	3 36	22 57	0 50	24 14	1 0	24 33	0 45	14 47	1 54	9 57	0 23	1 41	2 6	33 42	12 35	20 21	20 28	9 2		n.a.
T 16	16 10	15 28	4 41	9 15	3 41	22 58	0 46	24 9	1 1	24 33	0 45	14 47	1 54	9 57	0 23	1 41	2 6	33 41	12 36	20 21	20 29	9 4		n.a.
W17	15 52	18 41	3 57	9 22	3 44	22 59	0 42	24 5	1 1	24 33	0 45	14 47	1 54	9 58	0 23	1 41	2 6	33 41	12 36	20 21	20 30	9 6		n.a.
T 18	15 34	20 46	3 0	9 32	3 45	23 0	0 38	24 0	1 2	24 33	0 45	14 48	1 54	9 59	0 23	1 40	2 6	33 41	12 36	20 21	20 30	9 9		n.a.
F 19	15 15	21 35	1 53	9 46	3 45	22 59	0 34	23 55	1 3	24 33	0 45	14 48	1 54	9 59	0 22	1 40	2 6	33 41	12 36	20 20	20 31	9 11		n.a.
S 20	14 56	21 7	0 41	10 2	3 42	22 58	0 30	23 50	1 3	24 33	0 45	14 48	1 54	10 0	0 22	1 39	2 6	33 41	12 36	20 20	20 32	9 13		n.a.
S 21	14 37	19 27	0s33	10 21	3 38	22 57	0 26	23 45	1 4	24 33	0 45	14 49	1 54	10 1	0 22	1 39	2 6	33 41	12 36	20 20	20 33	9 16		n.a.
M22	14 17	16 46	1 43	10 43	3 32	22 55	0 22	23 39	1 4	24 32	0 45	14 49	1 54	10 2	0 22	1 39	2 6	33 40	12 37	20 20	20 33	9 18		n.a.
T 23	13 58	13 17	2 47	11 6	3 25	22 52	0 19	23 33	1 5	24 32	0 45	14 49	1 55	10 2	0 22	1 38	2 6	33 40	12 37	20 21	20 34	9 20		n.a.
W24	13 38	9 16	3 41	11 31	3 16	22 48	0 15	23 27	1 5	24 32	0 45	14 49	1 55	10 3	0 22	1 38	2 6	33 40	12 37	20 21	20 35	9 23		n.a.
T 25	13 18	4 55	4 24	11 57	3 5	22 44	0 11	23 20	1 6	24 32	0 45	14 49	1 55	10 4	0 22	1 37	2 6	33 40	12 37	20 22	20 35	9 25		n.a.
F 26	12 58	0 28	4 54	12 23	2 54	22 39	0 8	23 14	1 6	24 32	0 45	14 49	1 55	10 5	0 22	1 37	2 6	33 40	12 37	20 23	20 36	9 27		n.a.
S 27	12 37	3n57	5 10	12 49	2 41	22 33	0 4	23 7	1 7	24 32	0 45	14 49	1 55	10 5	0 22	1 36	2 7	33 40	12 37	20 24	20 37	9 29		n.a.
S 28	12 17	8 10	5 12	13 15	2 27	22 27	0 0	22 59	1 7	24 32	0 45	14 50	1 55	10 6	0 22	1 36	2 7	33 40	12 38	20 25	20 37	9 32		n.a.
M29	11s56	12n 3	5s 2	13s41	2n13	22s20	0s 3	22s52	1s 8	24n32	0n45	14s50	1n55	10n 7	0s22	1s35	2n 7	33s40	12s38	20n25	20n38	9n34		n.a.

Julian Day Number = 1295937.5, Delta T = 07h54m50s
Ecliptic obliquity = 23°49'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'18, Lahiri = -20°02'17 Julian Calendar 1 Feb. 1165 BCE == Greg. Calendar 21 Jan. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

MARCH 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 43	0♓12'06	27♉45	17°R 8	21♑21	24♑15	26°R20	15♏13	26♈45	8°R44	26♑ 4	0°D16	29♋15	8♉ 2	n.a.	T 1
W 2	9 56 40	1°10'50	9♊44	16♒39	22°32	25° 2	26♊20	15°13	26°47	8♎43	26° 6	0♌16	29°12	8° 8	n.a.	W 2
T 3	10 0 36	2° 9'32	21°53	16°15	23°43	25°48	26°D20	15°13	26°49	8°41	26° 7	0°17	29° 9	8°15	n.a.	T 3
F 4	10 4 33	3° 8'12	4♋18	15°56	24°53	26°34	26°20	15°14	26°52	8°40	26° 9	0°19	29° 5	8°22	n.a.	F 4
S 5	10 8 30	4° 6'49	17° 1	15°42	26° 4	27°21	26°20	15°R14	26°54	8°39	26°10	0°20	29° 2	8°28	n.a.	S 5
S 6	10 12 26	5° 5'24	0♌ 6	15°34	27°15	28° 7	26°21	15°14	26°57	8°38	26°11	0°R21	28°59	8°35	n.a.	S 6
M 7	10 16 23	6° 3'56	13°36	15°D31	28°25	28°53	26°21	15°13	26°59	8°36	26°13	0°20	28°56	8°42	n.a.	M 7
T 8	10 20 19	7° 2'27	27°29	15°33	29°36	29°40	26°22	15°13	27° 2	8°35	26°14	0°18	28°53	8°49	n.a.	T 8
W 9	10 24 16	8° 0'55	11♍42	15°40	0♒47	0♒26	26°23	15°13	27° 4	8°34	26°15	0°14	28°49	8°55	n.a.	W 9
T 10	10 28 12	8°59'21	26°12	15°53	1°58	1°12	26°24	15°12	27° 7	8°32	26°17	0° 8	28°46	9° 2	n.a.	T 10
F 11	10 32 9	9°57'46	10♎52	16°10	3° 9	1°59	26°26	15°12	27° 9	8°31	26°18	0° 2	28°43	9° 9	n.a.	F 11
S 12	10 36 5	10°56'08	25°34	16°32	4°20	2°45	26°27	15°11	27°12	8°30	26°19	29♋57	28°40	9°15	n.a.	S 12
S 13	10 40 2	11°54'29	10♏11	16°58	5°31	3°31	26°29	15°10	27°15	8°28	26°20	29°52	28°37	9°22	n.a.	S 13
M14	10 43 58	12°52'48	24°38	17°28	6°42	4°17	26°31	15°10	27°17	8°27	26°22	29°49	28°34	9°29	n.a.	M14
T 15	10 47 55	13°51'05	8♐51	18° 3	7°53	5° 3	26°33	15° 9	27°20	8°25	26°23	29°D47	28°30	9°36	n.a.	T 15
W16	10 51 52	14°49'21	22°48	18°42	9° 4	5°49	26°35	15° 8	27°23	8°24	26°24	29°47	28°27	9°42	n.a.	W16
T 17	10 55 48	15°47'35	6♑29	19°24	10°16	6°35	26°38	15° 6	27°26	8°23	26°25	29°48	28°24	9°49	n.a.	T 17
F 18	10 59 45	16°45'48	19°54	20°10	11°27	7°22	26°40	15° 5	27°29	8°21	26°26	29°50	28°21	9°56	n.a.	F 18
S 19	11 3 41	17°43'59	3♒ 6	21° 0	12°38	8° 8	26°43	15° 4	27°32	8°20	26°27	29°R50	28°18	10° 3	n.a.	S 19
S 20	11 7 38	18°42'08	16° 5	21°52	13°49	8°54	26°46	15° 3	27°34	8°18	26°29	29°49	28°14	10° 9	n.a.	S 20
M21	11 11 34	19°40'16	28°52	22°48	15° 1	9°39	26°49	15° 1	27°37	8°17	26°30	29°45	28°11	10°16	n.a.	M21
T 22	11 15 31	20°38'21	11♓28	23°47	16°12	10°25	26°53	15° 0	27°40	8°15	26°31	29°39	28° 8	10°23	n.a.	T 22
W23	11 19 27	21°36'25	23°54	24°49	17°23	11°11	26°56	14°58	27°43	8°14	26°32	29°31	28° 5	10°29	n.a.	W23
T 24	11 23 24	22°34'27	6♈10	25°53	18°35	11°57	27° 0	14°56	27°46	8°12	26°33	29°22	28° 2	10°36	n.a.	T 24
F 25	11 27 21	23°32'28	18°17	27° 1	19°46	12°43	27° 4	14°54	27°49	8°10	26°34	29°11	27°59	10°43	n.a.	F 25
S 26	11 31 17	24°30'26	0♉17	28°11	20°58	13°29	27° 8	14°52	27°52	8° 9	26°35	29° 1	27°55	10°50	n.a.	S 26
S 27	11 35 14	25°28'23	12°11	29°23	22° 9	14°14	27°12	14°50	27°55	8° 7	26°36	28°53	27°52	10°56	n.a.	S 27
M28	11 39 10	26°26'17	24° 2	0♓38	23°21	15° 0	27°16	14°48	27°59	8° 6	26°37	28°46	27°49	11° 3	n.a.	M28
T 29	11 43 7	27°24'10	5♊54	1°55	24°32	15°46	27°21	14°46	28° 2	8° 4	26°38	28°41	27°46	11°10	n.a.	T 29
W30	11 47 3	28°22'01	17°50	3°15	25°44	16°31	27°25	14°44	28° 5	8° 3	26°39	28°39	27°43	11°16	n.a.	W30
T 31	11 51 0	29♓19'50	29♊57	4♓37	26♒56	17♒17	27♊30	14♏41	28♈ 8	8♎ 1	26♑39	28°D38	27♋40	11♉23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s35	15n28	4s38	14s 5	1n58	22s13	0s 7	22s44	1s 8	24n32	0n45	14s50	1n56	10n 8	0s22	1s35	2n 7	33s39	12s38	20n26	20n39	9n36		n.a.
W 2	11 14	18 17	4 2	14 29	1 42	22 5	0 10	22 36	1 9	24 32	0 45	14 50	1 56	10 9	0 22	1 34	2 7	33 39	12 38	20 25	20 39	9 39		n.a.
T 3	10 53	20 20	3 15	14 51	1 27	21 56	0 14	22 28	1 9	24 32	0 45	14 49	1 56	10 10	0 22	1 34	2 7	33 39	12 38	20 25	20 40	9 41		n.a.
F 4	10 31	21 28	2 18	15 11	1 11	21 47	0 17	22 19	1 9	24 32	0 45	14 49	1 56	10 11	0 22	1 33	2 7	33 39	12 39	20 25	20 41	9 43		n.a.
S 5	10 10	21 32	1 12	15 30	0 56	21 37	0 20	22 10	1 10	24 32	0 45	14 49	1 56	10 12	0 22	1 33	2 7	33 39	12 39	20 25	20 41	9 45		n.a.
S 6	9 48	20 26	0 1	15 47	0 41	21 26	0 24	22 1	1 10	24 32	0 45	14 49	1 56	10 12	0 22	1 32	2 7	33 39	12 39	20 24	20 42	9 48		n.a.
M 7	9 26	18 9	1n12	16 2	0 26	21 15	0 27	21 52	1 11	24 32	0 45	14 49	1 56	10 13	0 22	1 32	2 7	33 39	12 39	20 25	20 43	9 50		n.a.
T 8	9 4	14 46	2 22	16 16	0 11	21 3	0 30	21 43	1 11	24 32	0 45	14 49	1 56	10 14	0 22	1 31	2 7	33 39	12 40	20 25	20 43	9 52		n.a.
W 9	8 42	10 27	3 26	16 27	0s 3	20 51	0 33	21 33	1 12	24 32	0 45	14 49	1 57	10 15	0 22	1 31	2 7	33 39	12 40	20 26	20 44	9 55		n.a.
T 10	8 20	5 27	4 17	16 37	0 17	20 38	0 36	21 23	1 12	24 32	0 45	14 48	1 57	10 16	0 22	1 30	2 7	33 39	12 40	20 27	20 45	9 57		n.a.
F 11	7 57	0 6	4 52	16 44	0 30	20 24	0 39	21 13	1 12	24 32	0 45	14 48	1 57	10 17	0 22	1 29	2 7	33 39	12 40	20 28	20 45	9 59		n.a.
S 12	7 35	5s16	5 9	16 49	0 43	20 10	0 42	21 3	1 13	24 32	0 45	14 48	1 57	10 18	0 22	1 29	2 7	33 39	12 41	20 30	20 46	10 1		n.a.
S 13	7 12	10 18	5 4	16 53	0 55	19 55	0 45	20 52	1 13	24 32	0 45	14 47	1 57	10 19	0 22	1 28	2 7	33 39	12 41	20 31	20 47	10 4		n.a.
M14	6 50	14 42	4 41	16 54	1 6	19 40	0 48	20 42	1 14	24 32	0 45	14 47	1 57	10 20	0 22	1 28	2 7	33 39	12 41	20 31	20 47	10 6		n.a.
T 15	6 27	18 10	4 1	16 53	1 17	19 24	0 50	20 31	1 14	24 32	0 45	14 47	1 57	10 21	0 22	1 27	2 7	33 39	12 41	20 32	20 48	10 8		n.a.
W16	6 4	20 32	3 7	16 51	1 27	19 8	0 53	20 19	1 14	24 32	0 45	14 46	1 57	10 22	0 22	1 26	2 7	33 39	12 42	20 32	20 49	10 11		n.a.
T 17	5 41	21 38	2 3	16 46	1 37	18 51	0 56	20 8	1 15	24 32	0 45	14 46	1 58	10 23	0 22	1 26	2 7	33 39	12 42	20 31	20 49	10 13		n.a.
F 18	5 19	21 27	0 53	16 40	1 45	18 33	0 58	19 57	1 15	24 32	0 45	14 45	1 58	10 24	0 22	1 25	2 7	33 39	12 42	20 31	20 50	10 15		n.a.
S 19	4 55	20 4	0s18	16 31	1 54	18 16	1 0	19 45	1 15	24 32	0 45	14 45	1 58	10 25	0 22	1 25	2 7	33 39	12 42	20 31	20 50	10 17		n.a.
S 20	4 32	17 39	1 26	16 21	2 1	17 57	1 3	19 33	1 16	24 33	0 45	14 44	1 58	10 26	0 22	1 24	2 7	33 39	12 43	20 31	20 51	10 20		n.a.
M21	4 9	14 24	2 30	16 9	2 8	17 38	1 5	19 21	1 16	24 33	0 45	14 44	1 58	10 28	0 22	1 23	2 7	33 39	12 43	20 32	20 52	10 22		n.a.
T 22	3 46	10 31	3 25	15 55	2 14	17 19	1 7	19 8	1 17	24 33	0 45	14 43	1 58	10 29	0 22	1 23	2 7	33 39	12 43	20 33	20 52	10 24		n.a.
W23	3 23	6 15	4 9	15 39	2 20	16 59	1 10	18 56	1 17	24 33	0 45	14 43	1 58	10 30	0 22	1 22	2 7	33 39	12 44	20 35	20 53	10 26		n.a.
T 24	3 0	1 48	4 41	15 22	2 25	16 38	1 12	18 43	1 17	24 33	0 45	14 42	1 58	10 31	0 22	1 21	2 7	33 39	12 44	20 37	20 54	10 29		n.a.
F 25	2 36	2n41	5 0	15 2	2 29	16 17	1 14	18 30	1 17	24 33	0 45	14 41	1 58	10 32	0 22	1 21	2 7	33 39	12 44	20 39	20 54	10 31		n.a.
S 26	2 13	7 0	5 5	14 41	2 33	15 56	1 16	18 17	1 18	24 33	0 45	14 41	1 59	10 33	0 22	1 20	2 8	33 39	12 44	20 41	20 55	10 33		n.a.
S 27	1 50	11 2	4 57	14 18	2 36	15 34	1 18	18 4	1 18	24 33	0 45	14 40	1 59	10 34	0 22	1 19	2 8	33 39	12 45	20 43	20 56	10 36		n.a.
M28	1 26	14 38	4 36	13 53	2 38	15 12	1 19	17 51	1 18	24 33	0 45	14 39	1 59	10 35	0 22	1 19	2 8	33 40	12 45	20 45	20 56	10 38		n.a.
T 29	1 3	17 39	4 4	13 27	2 40	14 50	1 21	17 37	1 19	24 33	0 45	14 38	1 59	10 37	0 22	1 18	2 8	33 40	12 45	20 46	20 57	10 40		n.a.
W30	0 40	19 57	3 20	12 59	2 41	14 27	1 23	17 24	1 19	24 33	0 45	14 38	1 59	10 38	0 22	1 18	2 8	33 40	12 46	20 46	20 58	10 42		n.a.
T 31	0s16	21n23	2s27	12s29	2s42	14s 3	1s24	17s10	1s19	24n33	0n45	14s37	1n59	10n39	0s22	1s17	2n 8	33s40	12s46	20n46	20n58	10n45		n.a.

Julian Day Number = 1295966.5, Delta T = 07h54m49s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'14, Lahiri = -20°02'13 Julian Calendar 1 March 1165 BCE == Greg. Calendar 19 Feb. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

APRIL 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 54 56	0♈17'37	12♋18	6♓ 1	28♒ 7	18♒ 2	27♊35	14°R39	28♈11	7°R59	26♑40	28♋38	27♋36	11♉30	n.a.	F 1
S 2	11 58 53	1°15'23	24°59	7°27	29°19	18°48	27°40	14♏36	28°14	7♎58	26°41	28°R39	27°33	11°37	n.a.	S 2
S 3	12 2 49	2°13'06	8♌ 4	8°56	0♓31	19°33	27°46	14°34	28°18	7°56	26°42	28°39	27°30	11°43	n.a.	S 3
M 4	12 6 46	3°10'48	21°37	10°26	1°42	20°19	27°51	14°31	28°21	7°55	26°43	28°37	27°27	11°50	n.a.	M 4
T 5	12 10 43	4° 8'28	5♍38	11°59	2°54	21° 4	27°57	14°28	28°24	7°53	26°44	28°32	27°24	11°57	n.a.	T 5
W 6	12 14 39	5° 6'06	20° 5	13°34	4° 6	21°49	28° 2	14°26	28°28	7°51	26°44	28°25	27°20	12° 3	n.a.	W 6
T 7	12 18 36	6° 3'43	4♎53	15°11	5°18	22°35	28° 8	14°23	28°31	7°50	26°45	28°16	27°17	12°10	n.a.	T 7
F 8	12 22 32	7° 1'18	19°56	16°50	6°29	23°20	28°14	14°20	28°34	7°48	26°46	28° 7	27°14	12°17	n.a.	F 8
S 9	12 26 29	7°58'52	5♏ 1	18°32	7°41	24° 5	28°20	14°17	28°38	7°46	26°47	27°57	27°11	12°24	n.a.	S 9
S 10	12 30 25	8°56'25	20° 1	20°15	8°53	24°50	28°27	14°14	28°41	7°45	26°47	27°49	27° 8	12°30	n.a.	S 10
M11	12 34 22	9°53'57	4♐46	22° 0	10° 5	25°35	28°33	14°10	28°44	7°43	26°48	27°42	27° 5	12°37	n.a.	M11
T 12	12 38 18	10°51'27	19°11	23°48	11°17	26°20	28°40	14° 7	28°48	7°42	26°49	27°38	27° 1	12°44	n.a.	T 12
W13	12 42 15	11°48'57	3♑12	25°38	12°29	27° 5	28°46	14° 4	28°51	7°40	26°49	27°37	26°58	12°51	n.a.	W13
T 14	12 46 12	12°46'26	16°51	27°29	13°41	27°50	28°53	14° 0	28°54	7°38	26°50	27°D37	26°55	12°57	n.a.	T 14
F 15	12 50 8	13°43'53	0♒ 9	29°23	14°53	28°35	29° 0	13°57	28°58	7°37	26°50	27°R37	26°52	13° 4	n.a.	F 15
S 16	12 54 5	14°41'20	13° 8	1♈19	16° 5	29°20	29° 8	13°54	29° 1	7°35	26°51	27°36	26°49	13°11	n.a.	S 16
S 17	12 58 1	15°38'46	25°52	3°17	17°17	0♓ 4	29°15	13°50	29° 5	7°33	26°51	27°33	26°46	13°17	n.a.	S 17
M18	13 1 58	16°36'11	8♓23	5°17	18°29	0°49	29°22	13°46	29° 8	7°32	26°52	27°28	26°42	13°24	n.a.	M18
T 19	13 5 54	17°33'35	20°43	7°18	19°41	1°34	29°30	13°43	29°12	7°30	26°52	27°20	26°39	13°31	n.a.	T 19
W20	13 9 51	18°30'58	2♈56	9°22	20°53	2°18	29°37	13°39	29°15	7°29	26°53	27° 9	26°36	13°38	n.a.	W20
T 21	13 13 47	19°28'20	15° 1	11°27	22° 5	3° 3	29°45	13°35	29°19	7°27	26°53	26°56	26°33	13°44	n.a.	T 21
F 22	13 17 44	20°25'41	27° 0	13°34	23°17	3°47	29°53	13°31	29°22	7°26	26°54	26°42	26°30	13°51	n.a.	F 22
S 23	13 21 41	21°23'00	8♉55	15°42	24°30	4°32	0♋ 1	13°28	29°26	7°24	26°54	26°29	26°26	13°58	n.a.	S 23
S 24	13 25 37	22°20'19	20°47	17°51	25°42	5°16	0° 9	13°24	29°29	7°22	26°54	26°16	26°23	14° 4	n.a.	S 24
M25	13 29 34	23°17'37	2♊37	20° 1	26°54	6° 0	0°17	13°20	29°33	7°21	26°55	26° 6	26°20	14°11	n.a.	M25
T 26	13 33 30	24°14'54	14°29	22°12	28° 6	6°45	0°26	13°16	29°36	7°19	26°55	25°59	26°17	14°18	n.a.	T 26
W27	13 37 27	25°12'10	26°25	24°24	29°18	7°29	0°34	13°12	29°40	7°18	26°55	25°54	26°14	14°25	n.a.	W27
T 28	13 41 23	26° 9'25	8♋31	26°35	0♈31	8°13	0°43	13° 8	29°43	7°16	26°56	25°52	26°11	14°31	n.a.	T 28
F 29	13 45 20	27° 6'38	20°50	28°47	1°43	8°57	0°52	13° 4	29°47	7°15	26°56	25°52	26° 7	14°38	n.a.	F 29
S 30	13 49 16	28♈ 3'51	3♌27	0♉58	2♈55	9♓41	1♋ 0	12♏59	29♈50	7♎13	26♑56	25♋51	26♋ 4	14♉45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n 7	21n49	1s26	11s57	2s42	13s40	1s26	16s56	1s19	24n33	0n45	14s36	1n59	10n40	0s22	1s16	2n 8	33s40	12s46	20n46	20n59	10n47		n.a.
S 2	0 30	21 10	0 20	11 24	2 41	13 16	1 27	16 42	1 20	24 33	0 45	14 35	1 59	10 41	0 22	1 16	2 8	33 40	12 47	20 46	21 0	10 49		n.a.
S 3	0 54	19 21	0n50	10 49	2 40	12 51	1 29	16 28	1 20	24 33	0 45	14 34	1 59	10 42	0 22	1 15	2 8	33 40	12 47	20 46	21 0	10 51		n.a.
M 4	1 17	16 24	1 59	10 12	2 38	12 26	1 30	16 13	1 20	24 33	0 45	14 34	1 59	10 44	0 22	1 14	2 8	33 40	12 47	20 47	21 1	10 54		n.a.
T 5	1 40	12 26	3 3	9 34	2 35	12 1	1 31	15 59	1 20	24 34	0 45	14 33	1 59	10 45	0 22	1 14	2 8	33 40	12 48	20 48	21 1	10 56		n.a.
W 6	2 4	7 37	3 58	8 54	2 32	11 36	1 32	15 44	1 21	24 34	0 45	14 32	2 0	10 46	0 21	1 13	2 8	33 41	12 48	20 49	21 2	10 58		n.a.
T 7	2 27	2 16	4 38	8 13	2 29	11 10	1 33	15 29	1 21	24 34	0 45	14 31	2 0	10 47	0 21	1 12	2 8	33 41	12 48	20 51	21 3	11 0		n.a.
F 8	2 50	3s18	4 59	7 30	2 25	10 44	1 34	15 14	1 21	24 34	0 45	14 30	2 0	10 48	0 21	1 12	2 8	33 41	12 49	20 53	21 3	11 3		n.a.
S 9	3 13	8 42	5 0	6 45	2 20	10 18	1 35	14 59	1 21	24 34	0 44	14 29	2 0	10 50	0 21	1 11	2 8	33 41	12 49	20 55	21 4	11 5		n.a.
S 10	3 36	13 32	4 40	5 59	2 15	9 51	1 36	14 44	1 21	24 34	0 44	14 28	2 0	10 51	0 21	1 10	2 8	33 41	12 49	20 56	21 5	11 7		n.a.
M11	3 59	17 29	4 2	5 11	2 9	9 24	1 37	14 29	1 22	24 34	0 44	14 27	2 0	10 52	0 21	1 10	2 8	33 42	12 50	20 58	21 5	11 9		n.a.
T 12	4 22	20 15	3 9	4 22	2 3	8 57	1 37	14 13	1 22	24 34	0 44	14 26	2 0	10 53	0 21	1 9	2 8	33 42	12 50	20 58	21 6	11 12		n.a.
W13	4 45	21 42	2 6	3 32	1 56	8 30	1 38	13 58	1 22	24 34	0 44	14 25	2 0	10 55	0 21	1 8	2 8	33 42	12 50	20 59	21 6	11 14		n.a.
T 14	5 8	21 49	0 57	2 40	1 48	8 2	1 39	13 42	1 22	24 34	0 44	14 24	2 0	10 56	0 21	1 8	2 8	33 42	12 51	20 59	21 7	11 16		n.a.
F 15	5 30	20 40	0s13	1 47	1 40	7 34	1 39	13 27	1 22	24 34	0 44	14 23	2 0	10 57	0 21	1 7	2 8	33 42	12 51	20 59	21 8	11 18		n.a.
S 16	5 53	18 27	1 21	0 52	1 32	7 6	1 39	13 11	1 22	24 34	0 44	14 22	2 0	10 58	0 21	1 7	2 8	33 43	12 51	20 59	21 8	11 21		n.a.
S 17	6 15	15 21	2 24	0n 3	1 23	6 38	1 40	12 55	1 23	24 34	0 44	14 20	2 0	11 0	0 21	1 6	2 8	33 43	12 52	20 59	21 9	11 23		n.a.
M18	6 38	11 36	3 18	1 0	1 14	6 9	1 40	12 39	1 23	24 34	0 44	14 19	2 0	11 1	0 21	1 5	2 8	33 43	12 52	21 1	21 10	11 25		n.a.
T 19	7 0	7 25	4 2	1 57	1 5	5 41	1 40	12 23	1 23	24 34	0 44	14 18	2 0	11 2	0 21	1 5	2 8	33 43	12 52	21 2	21 10	11 27		n.a.
W20	7 22	3 0	4 34	2 56	0 55	5 12	1 40	12 7	1 23	24 34	0 44	14 17	2 0	11 3	0 21	1 4	2 8	33 43	12 53	21 4	21 11	11 30		n.a.
T 21	7 44	1n31	4 53	3 55	0 45	4 43	1 40	11 50	1 23	24 34	0 44	14 16	2 0	11 5	0 21	1 3	2 8	33 44	12 53	21 7	21 11	11 32		n.a.
F 22	8 6	5 55	5 0	4 54	0 35	4 14	1 40	11 34	1 23	24 34	0 44	14 15	2 0	11 6	0 21	1 3	2 8	33 44	12 53	21 10	21 12	11 34		n.a.
S 23	8 28	10 5	4 53	5 54	0 24	3 45	1 40	11 18	1 23	24 34	0 44	14 14	2 0	11 7	0 21	1 2	2 8	33 44	12 54	21 12	21 13	11 36		n.a.
S 24	8 50	13 51	4 33	6 54	0 14	3 15	1 39	11 1	1 23	24 34	0 44	14 12	2 0	11 8	0 21	1 2	2 8	33 45	12 54	21 15	21 13	11 39		n.a.
M25	9 12	17 4	4 2	7 54	0 3	2 46	1 39	10 45	1 23	24 34	0 44	14 11	2 0	11 10	0 21	1 1	2 7	33 45	12 54	21 17	21 14	11 41		n.a.
T 26	9 33	19 36	3 20	8 54	0n 8	2 16	1 39	10 28	1 23	24 34	0 44	14 10	2 0	11 11	0 21	1 0	2 7	33 45	12 55	21 18	21 14	11 43		n.a.
W27	9 54	21 18	2 29	9 53	0 18	1 47	1 38	10 11	1 23	24 34	0 44	14 9	2 0	11 12	0 21	1 0	2 7	33 45	12 55	21 19	21 15	11 45		n.a.
T 28	10 16	22 3	1 30	10 52	0 28	1 17	1 38	9 55	1 24	24 34	0 44	14 7	2 0	11 14	0 21	0 59	2 7	33 46	12 55	21 19	21 16	11 48		n.a.
F 29	10 37	21 45	0 27	11 49	0 39	0 47	1 37	9 38	1 24	24 34	0 44	14 6	2 0	11 15	0 21	0 59	2 7	33 46	12 56	21 19	21 16	11 50		n.a.
S 30	10n57	20n21	0n40	12n45	0n48	0s17	1s37	9s21	1s24	24n34	0n44	14s 5	2n 0	11n16	0s21	0s58	2n 7	33s46	12s56	21n19	21n17	11n52		n.a.

Julian Day Number = 1295997.5, Delta T = 07h54m47s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'09, Lahiri = -20°02'09 Julian Calendar 1 Apr. 1165 BCE == Greg. Calendar 21 March 1165 BCE

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

MAY 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 13	29♈ 1'02	16♌29	3♉ 9	4♈ 8	10♓25	1♋ 9	12°R55	29♈54	7°R12	26♑56	25°R51	26♋ 1	14♉51	n.a.	S 1
M 2	13 57 10	29°58'13	29°57	5°19	5°20	11° 9	1°18	12♏51	29°57	7♎10	26°56	25♋49	25°58	14°58	n.a.	M 2
T 3	14 1 6	0♉55'22	13♍55	7°28	6°32	11°53	1°28	12°47	0♉ 1	7° 9	26°56	25°44	25°55	15° 5	n.a.	T 3
W 4	14 5 3	1°52'31	28°23	9°35	7°45	12°36	1°37	12°43	0° 4	7° 7	26°57	25°37	25°51	15°12	n.a.	W 4
T 5	14 8 59	2°49'39	13♎16	11°41	8°57	13°20	1°46	12°38	0° 8	7° 6	26°57	25°27	25°48	15°18	n.a.	T 5
F 6	14 12 56	3°46'46	28°26	13°46	10°10	14° 4	1°56	12°34	0°12	7° 5	26°57	25°17	25°45	15°25	n.a.	F 6
S 7	14 16 52	4°43'53	13♏45	15°48	11°22	14°47	2° 5	12°30	0°15	7° 3	26°57	25° 7	25°42	15°32	n.a.	S 7
S 8	14 20 49	5°40'59	29° 0	17°49	12°35	15°31	2°15	12°25	0°19	7° 2	26°R57	24°57	25°39	15°38	n.a.	S 8
M 9	14 24 45	6°38'05	14♐ 0	19°48	13°47	16°14	2°25	12°21	0°22	7° 0	26°57	24°51	25°36	15°45	n.a.	M 9
T 10	14 28 42	7°35'11	28°38	21°44	15° 0	16°58	2°34	12°17	0°26	6°59	26°57	24°46	25°32	15°52	n.a.	T 10
W11	14 32 39	8°32'16	12♑51	23°39	16°12	17°41	2°44	12°12	0°29	6°58	26°57	24°44	25°29	15°59	n.a.	W11
T 12	14 36 35	9°29'22	26°36	25°31	17°25	18°24	2°54	12° 8	0°33	6°56	26°57	24°D44	25°26	16° 5	n.a.	T 12
F 13	14 40 32	10°26'27	9♒55	27°21	18°38	19° 7	3° 4	12° 3	0°36	6°55	26°57	24°R44	25°23	16°12	n.a.	F 13
S 14	14 44 28	11°23'32	22°51	29° 9	19°50	19°50	3°15	11°59	0°40	6°54	26°56	24°44	25°20	16°19	n.a.	S 14
S 15	14 48 25	12°20'38	5♓29	0♊55	21° 3	20°33	3°25	11°55	0°43	6°53	26°56	24°41	25°17	16°25	n.a.	S 15
M16	14 52 21	13°17'43	17°52	2°38	22°16	21°16	3°35	11°50	0°47	6°51	26°56	24°37	25°13	16°32	n.a.	M16
T 17	14 56 18	14°14'48	0♈ 3	4°19	23°28	21°59	3°46	11°46	0°50	6°50	26°56	24°30	25°10	16°39	n.a.	T 17
W18	15 0 15	15°11'53	12° 6	5°58	24°41	22°42	3°56	11°42	0°53	6°49	26°56	24°20	25° 7	16°46	n.a.	W18
T 19	15 4 11	16° 8'59	24° 4	7°34	25°54	23°25	4° 7	11°37	0°57	6°48	26°55	24° 9	25° 4	16°52	n.a.	T 19
F 20	15 8 8	17° 6'04	5♉57	9° 8	27° 7	24° 7	4°17	11°33	1° 0	6°47	26°55	23°56	25° 1	16°59	n.a.	F 20
S 21	15 12 4	18° 3'09	17°49	10°40	28°20	24°50	4°28	11°28	1° 4	6°46	26°55	23°44	24°57	17° 6	n.a.	S 21
S 22	15 16 1	19° 0'15	29°40	12° 9	29°32	25°32	4°39	11°24	1° 7	6°44	26°55	23°33	24°54	17°12	n.a.	S 22
M23	15 19 57	19°57'20	11♊32	13°36	0♉45	26°15	4°50	11°20	1°11	6°43	26°54	23°24	24°51	17°19	n.a.	M23
T 24	15 23 54	20°54'25	23°27	15° 1	1°58	26°57	5° 1	11°15	1°14	6°42	26°54	23°18	24°48	17°26	n.a.	T 24
W25	15 27 50	21°51'30	5♋28	16°23	3°11	27°39	5°12	11°11	1°17	6°41	26°53	23°14	24°45	17°33	n.a.	W25
T 26	15 31 47	22°48'36	17°37	17°43	4°24	28°21	5°23	11° 7	1°21	6°40	26°53	23°D12	24°42	17°39	n.a.	T 26
F 27	15 35 44	23°45'41	29°59	19° 0	5°37	29° 4	5°34	11° 3	1°24	6°39	26°53	23°12	24°38	17°46	n.a.	F 27
S 28	15 39 40	24°42'46	12♌37	20°15	6°50	29°46	5°46	10°58	1°27	6°38	26°52	23°13	24°35	17°53	n.a.	S 28
S 29	15 43 37	25°39'50	25°36	21°27	8° 3	0♈28	5°57	10°54	1°31	6°37	26°52	23°R14	24°32	17°59	n.a.	S 29
M30	15 47 33	26°36'55	8♍59	22°37	9°16	1° 9	6° 8	10°50	1°34	6°36	26°51	23°13	24°29	18° 6	n.a.	M30
T 31	15 51 30	27♉34'00	22♍50	23♊43	10♉29	1♈51	6♋20	10♏46	1♉37	6♎36	26♑51	23♋10	24♋26	18♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n18	17n51	1n47	13n40	0n58	0n12	1s36	9s 4	1s24	24n34	0n44	14s 4	2n 0	11n17	0s21	0s57	2n 7	33s47	12s57	21n19	21n17	11n54		n.a.
M 2	11 39	14 19	2 50	14 33	1 7	0 42	1 35	8 47	1 24	24 34	0 44	14 2	2 0	11 19	0 21	0 57	2 7	33 47	12 57	21 20	21 18	11 57		n.a.
T 3	11 59	9 52	3 45	15 24	1 15	1 12	1 34	8 30	1 24	24 34	0 44	14 1	2 0	11 20	0 21	0 56	2 7	33 47	12 57	21 21	21 19	11 59		n.a.
W 4	12 19	4 44	4 28	16 14	1 23	1 42	1 33	8 13	1 24	24 33	0 44	14 0	2 0	11 21	0 21	0 56	2 7	33 47	12 58	21 22	21 19	12 1		n.a.
T 5	12 39	0s49	4 54	17 1	1 30	2 12	1 32	7 56	1 24	24 33	0 44	13 59	2 0	11 22	0 21	0 55	2 7	33 48	12 58	21 24	21 20	12 3		n.a.
F 6	12 59	6 26	5 0	17 46	1 37	2 42	1 31	7 39	1 24	24 33	0 44	13 57	2 0	11 24	0 21	0 55	2 7	33 48	12 58	21 26	21 21	12 5		n.a.
S 7	13 19	11 42	4 45	18 29	1 43	3 11	1 30	7 22	1 24	24 33	0 44	13 56	2 0	11 25	0 21	0 54	2 7	33 48	12 59	21 28	21 21	12 8		n.a.
S 8	13 38	16 12	4 10	19 9	1 48	3 41	1 29	7 5	1 24	24 33	0 44	13 55	2 0	11 26	0 21	0 54	2 7	33 49	12 59	21 29	21 22	12 10		n.a.
M 9	13 57	19 35	3 18	19 47	1 53	4 11	1 28	6 48	1 23	24 33	0 44	13 53	2 0	11 27	0 21	0 53	2 7	33 49	12 59	21 31	21 22	12 12		n.a.
T 10	14 16	21 36	2 13	20 23	1 57	4 41	1 26	6 30	1 23	24 32	0 44	13 52	2 0	11 29	0 21	0 53	2 7	33 50	13 0	21 31	21 23	12 14		n.a.
W11	14 35	22 10	1 3	20 56	2 0	5 10	1 25	6 13	1 23	24 32	0 44	13 51	2 0	11 30	0 21	0 52	2 7	33 50	13 0	21 32	21 23	12 17		n.a.
T 12	14 53	21 21	0s10	21 27	2 3	5 40	1 24	5 56	1 23	24 32	0 44	13 49	2 0	11 31	0 21	0 52	2 7	33 50	13 0	21 32	21 24	12 19		n.a.
F 13	15 12	19 20	1 20	21 55	2 5	6 9	1 22	5 39	1 23	24 32	0 44	13 48	2 0	11 32	0 21	0 51	2 7	33 51	13 1	21 32	21 25	12 21		n.a.
S 14	15 30	16 22	2 23	22 21	2 6	6 38	1 21	5 21	1 23	24 32	0 44	13 47	2 0	11 34	0 21	0 51	2 7	33 51	13 1	21 32	21 25	12 23		n.a.
S 15	15 48	12 43	3 18	22 45	2 7	7 7	1 19	5 4	1 23	24 31	0 44	13 46	2 0	11 35	0 21	0 50	2 7	33 51	13 1	21 32	21 26	12 25		n.a.
M16	16 5	8 35	4 3	23 6	2 7	7 37	1 18	4 47	1 23	24 31	0 44	13 44	2 0	11 36	0 21	0 50	2 7	33 52	13 2	21 33	21 26	12 28		n.a.
T 17	16 23	4 11	4 35	23 25	2 6	8 5	1 16	4 30	1 23	24 31	0 44	13 43	2 0	11 37	0 21	0 49	2 7	33 52	13 2	21 34	21 27	12 30		n.a.
W18	16 40	0n21	4 55	23 42	2 4	8 34	1 14	4 12	1 23	24 30	0 44	13 42	2 0	11 39	0 21	0 49	2 7	33 52	13 3	21 36	21 28	12 32		n.a.
T 19	16 56	4 49	5 2	23 56	2 2	9 3	1 12	3 55	1 23	24 30	0 44	13 40	2 0	11 40	0 21	0 48	2 7	33 53	13 3	21 38	21 28	12 34		n.a.
F 20	17 13	9 5	4 55	24 9	2 0	9 31	1 11	3 38	1 22	24 30	0 44	13 39	1 59	11 41	0 21	0 48	2 7	33 53	13 3	21 40	21 29	12 37		n.a.
S 21	17 29	13 0	4 36	24 20	1 56	9 59	1 9	3 20	1 22	24 29	0 44	13 38	1 59	11 42	0 21	0 48	2 7	33 54	13 4	21 42	21 29	12 39		n.a.
S 22	17 45	16 25	4 5	24 28	1 52	10 27	1 7	3 3	1 22	24 29	0 44	13 37	1 59	11 44	0 21	0 47	2 7	33 54	13 4	21 44	21 30	12 41		n.a.
M23	18 1	19 11	3 23	24 35	1 48	10 55	1 5	2 46	1 22	24 29	0 44	13 35	1 59	11 45	0 21	0 47	2 7	33 54	13 4	21 46	21 31	12 43		n.a.
T 24	18 17	21 8	2 32	24 40	1 42	11 22	1 3	2 29	1 22	24 28	0 44	13 34	1 59	11 46	0 21	0 46	2 6	33 55	13 5	21 47	21 31	12 45		n.a.
W25	18 32	22 10	1 33	24 43	1 36	11 49	1 1	2 11	1 22	24 28	0 44	13 33	1 59	11 47	0 21	0 46	2 6	33 55	13 5	21 48	21 32	12 48		n.a.
T 26	18 47	22 9	0 30	24 45	1 30	12 16	0 59	1 54	1 21	24 27	0 44	13 32	1 59	11 48	0 21	0 46	2 6	33 56	13 5	21 48	21 32	12 50		n.a.
F 27	19 1	21 5	0n36	24 45	1 23	12 43	0 57	1 37	1 21	24 27	0 44	13 30	1 59	11 49	0 21	0 45	2 6	33 56	13 6	21 48	21 33	12 52		n.a.
S 28	19 15	18 56	1 42	24 43	1 16	13 10	0 55	1 20	1 21	24 26	0 44	13 29	1 59	11 51	0 21	0 45	2 6	33 57	13 6	21 48	21 33	12 54		n.a.
S 29	19 29	15 46	2 45	24 40	1 8	13 36	0 53	1 3	1 21	24 26	0 44	13 28	1 59	11 52	0 21	0 45	2 6	33 57	13 6	21 48	21 34	12 56		n.a.
M30	19 43	11 43	3 40	24 36	0 59	14 1	0 50	0 46	1 21	24 25	0 44	13 27	1 58	11 53	0 21	0 44	2 6	33 57	13 7	21 48	21 35	12 59		n.a.
T 31	19n56	6n56	4n25	24n31	0n50	14n27	0s48	0s29	1s20	24n25	0n44	13s26	1n58	11n54	0s21	0s44	2n 6	33s58	13s 7	21n48	21n35	13n 1		n.a.

Julian Day Number = 1296027.5, Delta T = 07h54m46s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'05, Lahiri = -20°02'05 Julian Calendar 1 May 1165 BCE == Greg. Calendar 20 Apr. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

JUNE 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 55 26	28♉31'05	7♎ 8	24♊47	11♉42	2♈33	6♋31	10°R42	1♉40	6°R35	26°R50	23°R 6	24♋22	18♉20	n.a.	W 1
T 2	15 59 23	29°28'09	21°52	25°48	12°55	3°14	6°43	10♏38	1°44	6♎34	26♑50	22♋59	24°19	18°26	n.a.	T 2
F 3	16 3 19	0♊25'14	6♏56	26°46	14° 8	3°56	6°55	10°34	1°47	6°33	26°49	22°52	24°16	18°33	n.a.	F 3
S 4	16 7 16	1°22'20	22°11	27°40	15°22	4°37	7° 6	10°30	1°50	6°32	26°48	22°44	24°13	18°40	n.a.	S 4
S 5	16 11 13	2°19'26	7♐26	28°32	16°35	5°19	7°18	10°26	1°53	6°32	26°48	22°38	24°10	18°46	n.a.	S 5
M 6	16 15 9	3°16'32	22°31	29°20	17°48	6° 0	7°30	10°22	1°56	6°31	26°47	22°33	24° 7	18°53	n.a.	M 6
T 7	16 19 6	4°13'39	7♑17	0♋ 4	19° 1	6°41	7°42	10°18	2° 0	6°30	26°46	22°30	24° 3	19° 0	n.a.	T 7
W 8	16 23 2	5°10'47	21°38	0°45	20°15	7°22	7°54	10°15	2° 3	6°29	26°46	22°D29	24° 0	19° 7	n.a.	W 8
T 9	16 26 59	6° 7'55	5♒31	1°22	21°28	8° 3	8° 6	10°11	2° 6	6°29	26°45	22°30	23°57	19°13	n.a.	T 9
F 10	16 30 55	7° 5'04	18°57	1°55	22°41	8°44	8°18	10° 7	2° 9	6°28	26°44	22°31	23°54	19°20	n.a.	F 10
S 11	16 34 52	8° 2'15	1♓57	2°24	23°55	9°25	8°30	10° 3	2°12	6°28	26°44	22°32	23°51	19°27	n.a.	S 11
S 12	16 38 49	8°59'26	14°36	2°48	25° 8	10° 6	8°42	10° 0	2°15	6°27	26°43	22°R32	23°48	19°33	n.a.	S 12
M13	16 42 45	9°56'38	26°57	3° 9	26°21	10°46	8°54	9°56	2°18	6°27	26°42	22°30	23°44	19°40	n.a.	M13
T 14	16 46 42	10°53'51	9♈ 6	3°24	27°35	11°27	9° 6	9°53	2°21	6°26	26°41	22°27	23°41	19°47	n.a.	T 14
W15	16 50 38	11°51'05	21° 5	3°35	28°48	12° 7	9°19	9°50	2°24	6°26	26°40	22°22	23°38	19°54	n.a.	W15
T 16	16 54 35	12°48'20	2♉59	3°41	0♊ 2	12°48	9°31	9°46	2°27	6°25	26°40	22°16	23°35	20° 0	n.a.	T 16
F 17	16 58 31	13°45'36	14°50	3°R42	1°16	13°28	9°43	9°43	2°29	6°25	26°39	22° 9	23°32	20° 7	n.a.	F 17
S 18	17 2 28	14°42'53	26°41	3°38	2°29	14° 8	9°56	9°40	2°32	6°24	26°38	22° 2	23°28	20°14	n.a.	S 18
S 19	17 6 24	15°40'12	8♊34	3°29	3°43	14°48	10° 8	9°37	2°35	6°24	26°37	21°55	23°25	20°20	n.a.	S 19
M20	17 10 21	16°37'31	20°32	3°15	4°56	15°28	10°21	9°34	2°38	6°24	26°36	21°50	23°22	20°27	n.a.	M20
T 21	17 14 18	17°34'51	2♋35	2°56	6°10	16° 8	10°33	9°31	2°41	6°24	26°35	21°47	23°19	20°34	n.a.	T 21
W22	17 18 14	18°32'12	14°45	2°33	7°24	16°48	10°46	9°28	2°43	6°23	26°34	21°46	23°16	20°40	n.a.	W22
T 23	17 22 11	19°29'34	27° 5	2° 4	8°37	17°27	10°58	9°25	2°46	6°23	26°33	21°D45	23°13	20°47	n.a.	T 23
F 24	17 26 7	20°26'57	9♌37	1°31	9°51	18° 7	11°11	9°22	2°49	6°23	26°32	21°46	23° 9	20°54	n.a.	F 24
S 25	17 30 4	21°24'21	22°23	0°55	11° 5	18°46	11°24	9°19	2°51	6°23	26°31	21°48	23° 6	21° 1	n.a.	S 25
S 26	17 34 0	22°21'45	5♍27	0°14	12°19	19°26	11°36	9°17	2°54	6°23	26°30	21°49	23° 3	21° 7	n.a.	S 26
M27	17 37 57	23°19'11	18°50	29♊31	13°33	20° 5	11°49	9°14	2°56	6°23	26°29	21°R50	23° 0	21°14	n.a.	M27
T 28	17 41 54	24°16'37	2♎35	28°46	14°46	20°44	12° 2	9°12	2°59	6°23	26°28	21°50	22°57	21°21	n.a.	T 28
W29	17 45 50	25°14'04	16°43	27°59	16° 0	21°23	12°14	9° 9	3° 1	6°D23	26°27	21°49	22°54	21°27	n.a.	W29
T 30	17 49 47	26♊11'32	1♏11	27♊12	17♊14	22♈ 2	12♋27	9♏ 7	3♉ 4	6♎23	26♑26	21♋46	22♋50	21♉34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 9	1n37	4n55	24n24	0n40	14n52	0s46	0s12	1s20	24n24	0n44	13s24	1n58	11n55	0s21	0s44	2n 6	33s58	13s 7	21n49	21n36	13n 3		n.a.
T 2	20 22	3s56	5 6	24 16	0 30	15 17	0 44	0n 5	1 20	24 24	0 44	13 23	1 58	11 56	0 21	0 43	2 6	33 59	13 7	21 50	21 36	13 5		n.a.
F 3	20 34	9 23	4 57	24 7	0 19	15 41	0 41	0 22	1 20	24 23	0 44	13 22	1 58	11 58	0 21	0 43	2 6	33 59	13 8	21 51	21 37	13 7		n.a.
S 4	20 46	14 19	4 27	23 57	0 8	16 5	0 39	0 39	1 19	24 22	0 44	13 21	1 58	11 59	0 21	0 43	2 6	33 59	13 8	21 53	21 37	13 9		n.a.
S 5	20 58	18 19	3 38	23 46	0s 3	16 29	0 37	0 56	1 19	24 22	0 44	13 20	1 58	12 0	0 21	0 43	2 6	34 0	13 8	21 54	21 38	13 12		n.a.
M 6	21 9	21 3	2 34	23 35	0 15	16 52	0 34	1 13	1 19	24 21	0 44	13 19	1 58	12 1	0 21	0 42	2 6	34 0	13 9	21 55	21 39	13 14		n.a.
T 7	21 20	22 17	1 21	23 23	0 27	17 15	0 32	1 30	1 18	24 21	0 44	13 18	1 57	12 2	0 21	0 42	2 6	34 1	13 9	21 55	21 39	13 16		n.a.
W 8	21 31	21 59	0 5	23 10	0 40	17 37	0 30	1 47	1 18	24 20	0 44	13 17	1 57	12 3	0 21	0 42	2 6	34 1	13 9	21 55	21 40	13 18		n.a.
T 9	21 41	20 20	1s10	22 56	0 53	17 59	0 27	2 3	1 18	24 19	0 44	13 16	1 57	12 4	0 21	0 42	2 6	34 2	13 10	21 55	21 40	13 20		n.a.
F 10	21 51	17 34	2 18	22 43	1 7	18 21	0 25	2 20	1 18	24 18	0 44	13 15	1 57	12 5	0 21	0 42	2 6	34 2	13 10	21 55	21 41	13 23		n.a.
S 11	22 0	14 0	3 17	22 28	1 20	18 42	0 22	2 37	1 17	24 18	0 44	13 14	1 57	12 6	0 21	0 41	2 5	34 3	13 10	21 55	21 41	13 25		n.a.
S 12	22 10	9 54	4 5	22 14	1 34	19 2	0 20	2 53	1 17	24 17	0 44	13 13	1 57	12 7	0 21	0 41	2 5	34 3	13 10	21 55	21 42	13 27		n.a.
M13	22 18	5 29	4 39	22 0	1 48	19 22	0 18	3 10	1 17	24 16	0 45	13 12	1 56	12 8	0 21	0 41	2 5	34 3	13 11	21 55	21 42	13 29		n.a.
T 14	22 27	0 56	5 1	21 45	2 2	19 42	0 15	3 26	1 16	24 15	0 45	13 11	1 56	12 9	0 21	0 41	2 5	34 4	13 11	21 56	21 43	13 31		n.a.
W15	22 35	3n35	5 9	21 31	2 16	20 1	0 13	3 42	1 16	24 14	0 45	13 10	1 56	12 10	0 21	0 41	2 5	34 4	13 11	21 57	21 44	13 33		n.a.
T 16	22 42	7 57	5 4	21 16	2 30	20 19	0 10	3 59	1 16	24 14	0 45	13 9	1 56	12 11	0 21	0 41	2 5	34 5	13 12	21 58	21 44	13 36		n.a.
F 17	22 50	12 0	4 46	21 2	2 44	20 37	0 8	4 15	1 15	24 13	0 45	13 8	1 56	12 12	0 21	0 41	2 5	34 5	13 12	21 59	21 45	13 38		n.a.
S 18	22 56	15 36	4 15	20 49	2 58	20 55	0 5	4 31	1 15	24 12	0 45	13 7	1 56	12 13	0 21	0 41	2 5	34 6	13 12	22 0	21 45	13 40		n.a.
S 19	23 3	18 35	3 33	20 36	3 12	21 12	0 3	4 47	1 14	24 11	0 45	13 6	1 55	12 14	0 21	0 41	2 5	34 6	13 12	22 1	21 46	13 42		n.a.
M20	23 9	20 48	2 42	20 23	3 25	21 28	0 0	5 3	1 14	24 10	0 45	13 6	1 55	12 15	0 21	0 40	2 5	34 6	13 13	22 2	21 46	13 44		n.a.
T 21	23 14	22 6	1 43	20 11	3 37	21 43	0n 2	5 19	1 14	24 9	0 45	13 5	1 55	12 16	0 21	0 40	2 5	34 7	13 13	22 2	21 47	13 46		n.a.
W22	23 20	22 22	0 38	20 0	3 49	21 58	0 4	5 35	1 13	24 8	0 45	13 4	1 55	12 17	0 21	0 40	2 5	34 7	13 13	22 2	21 47	13 49		n.a.
T 23	23 24	21 34	0n29	19 50	3 59	22 13	0 7	5 51	1 13	24 7	0 45	13 3	1 55	12 18	0 21	0 40	2 5	34 8	13 13	22 2	21 48	13 51		n.a.
F 24	23 29	19 41	1 36	19 40	4 9	22 27	0 9	6 6	1 12	24 6	0 45	13 3	1 54	12 19	0 21	0 40	2 5	34 8	13 14	22 2	21 49	13 53		n.a.
S 25	23 33	16 47	2 40	19 32	4 18	22 40	0 12	6 22	1 12	24 5	0 45	13 2	1 54	12 20	0 21	0 40	2 5	34 9	13 14	22 2	21 49	13 55		n.a.
S 26	23 36	13 1	3 37	19 25	4 25	22 52	0 14	6 37	1 11	24 4	0 45	13 1	1 54	12 21	0 21	0 40	2 4	34 9	13 14	22 2	21 50	13 57		n.a.
M27	23 40	8 31	4 23	19 19	4 30	23 4	0 16	6 53	1 11	24 3	0 45	13 1	1 54	12 22	0 21	0 40	2 4	34 10	13 14	22 2	21 50	13 59		n.a.
T 28	23 42	3 29	4 56	19 15	4 35	23 15	0 19	7 8	1 11	24 2	0 45	13 0	1 54	12 23	0 21	0 40	2 4	34 10	13 14	22 2	21 51	14 1		n.a.
W29	23 45	1s52	5 13	19 12	4 37	23 26	0 21	7 23	1 10	24 0	0 45	13 0	1 53	12 23	0 21	0 41	2 4	34 10	13 15	22 2	21 51	14 4		n.a.
T 30	23n47	7s15	5n10	19n10	4s38	23n36	0n23	7n39	1s10	23n59	0n45	12s59	1n53	12n24	0s21	0s41	2n 4	34s11	13s15	22n 2	21n52	14n 6		n.a.

Julian Day Number = 1296058.5, Delta T = 07h54m44s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°09'01, Lahiri = -20°02'01 Julian Calendar 1 June 1165 BCE == Greg. Calendar 21 May 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

JULY 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 53 43	27♊ 9'01	15♏57	26°R25	18♊28	22♈41	12♋40	9°R 5	3♉ 6	6♎23	26°R25	21°R43	22♋47	21♉41	n.a.	F 1
S 2	17 57 40	28° 6'32	0♐54	25♊39	19°42	23°19	12°53	9♏ 3	3° 9	6°23	26♑24	21♋40	22°44	21°48	n.a.	S 2
S 3	18 1 36	29° 4'03	15°54	24°55	20°56	23°58	13° 6	9° 1	3°11	6°23	26°23	21°37	22°41	21°54	n.a.	S 3
M 4	18 5 33	0♋ 1'36	0♑49	24°14	22°10	24°36	13°19	8°59	3°13	6°23	26°22	21°35	22°38	22° 1	n.a.	M 4
T 5	18 9 29	0°59'10	15°30	23°36	23°24	25°15	13°32	8°57	3°15	6°23	26°21	21°D34	22°34	22° 8	n.a.	T 5
W 6	18 13 26	1°56'46	29°50	23° 4	24°38	25°53	13°45	8°55	3°18	6°23	26°20	21°35	22°31	22°14	n.a.	W 6
T 7	18 17 23	2°54'23	13♒47	22°36	25°52	26°31	13°58	8°53	3°20	6°24	26°18	21°35	22°28	22°21	n.a.	T 7
F 8	18 21 19	3°52'02	27°18	22°14	27° 6	27° 9	14°10	8°52	3°22	6°24	26°17	21°37	22°25	22°28	n.a.	F 8
S 9	18 25 16	4°49'43	10♓23	21°59	28°21	27°47	14°23	8°50	3°24	6°24	26°16	21°38	22°22	22°35	n.a.	S 9
S 10	18 29 12	5°47'25	23° 6	21°51	29°35	28°25	14°36	8°49	3°26	6°24	26°15	21°39	22°19	22°41	n.a.	S 10
M11	18 33 9	6°45'09	5♈30	21°D49	0♋49	29° 2	14°49	8°47	3°28	6°25	26°14	21°R39	22°15	22°48	n.a.	M11
T 12	18 37 5	7°42'55	17°40	21°55	2° 3	29°40	15° 3	8°46	3°30	6°25	26°13	21°39	22°12	22°55	n.a.	T 12
W13	18 41 2	8°40'43	29°39	22° 9	3°17	0♉17	15°16	8°45	3°32	6°26	26°11	21°38	22° 9	23° 1	n.a.	W13
T 14	18 44 58	9°38'32	11♉31	22°30	4°32	0°54	15°29	8°44	3°34	6°26	26°10	21°37	22° 6	23° 8	n.a.	T 14
F 15	18 48 55	10°36'24	23°23	22°59	5°46	1°31	15°42	8°43	3°36	6°27	26° 9	21°35	22° 3	23°15	n.a.	F 15
S 16	18 52 52	11°34'17	5♊15	23°36	7° 0	2° 8	15°55	8°42	3°38	6°27	26° 8	21°34	22° 0	23°21	n.a.	S 16
S 17	18 56 48	12°32'12	17°13	24°20	8°15	2°45	16° 8	8°41	3°39	6°28	26° 7	21°33	21°56	23°28	n.a.	S 17
M18	19 0 45	13°30'09	29°18	25°11	9°29	3°22	16°21	8°40	3°41	6°28	26° 5	21°32	21°53	23°35	n.a.	M18
T 19	19 4 41	14°28'08	11♋32	26° 9	10°44	3°59	16°34	8°40	3°43	6°29	26° 4	21°31	21°50	23°42	n.a.	T 19
W20	19 8 38	15°26'09	23°57	27°14	11°58	4°35	16°47	8°39	3°44	6°30	26° 3	21°D31	21°47	23°48	n.a.	W20
T 21	19 12 34	16°24'11	6♌34	28°25	13°13	5°11	17° 0	8°39	3°46	6°30	26° 2	21°31	21°44	23°55	n.a.	T 21
F 22	19 16 31	17°22'15	19°24	29°43	14°27	5°47	17°13	8°39	3°47	6°31	26° 0	21°32	21°40	24° 2	n.a.	F 22
S 23	19 20 27	18°20'21	2♍28	1♋ 6	15°42	6°23	17°26	8°38	3°49	6°32	25°59	21°32	21°37	24° 8	n.a.	S 23
S 24	19 24 24	19°18'28	15°46	2°34	16°56	6°59	17°39	8°38	3°50	6°33	25°58	21°32	21°34	24°15	n.a.	S 24
M25	19 28 21	20°16'37	29°18	4° 7	18°11	7°35	17°53	8°D38	3°52	6°33	25°57	21°32	21°31	24°22	n.a.	M25
T 26	19 32 17	21°14'47	13♎ 6	5°44	19°25	8°11	18° 6	8°38	3°53	6°34	25°55	21°32	21°28	24°28	n.a.	T 26
W27	19 36 14	22°12'59	27° 8	7°25	20°40	8°46	18°19	8°38	3°54	6°35	25°54	21°32	21°25	24°35	n.a.	W27
T 28	19 40 10	23°11'13	11♏23	9° 9	21°54	9°21	18°32	8°39	3°56	6°36	25°53	21°32	21°21	24°42	n.a.	T 28
F 29	19 44 7	24° 9'28	25°48	10°55	23° 9	9°56	18°45	8°39	3°57	6°37	25°51	21°33	21°18	24°49	n.a.	F 29
S 30	19 48 3	25° 7'45	10♐20	12°44	24°24	10°31	18°58	8°40	3°58	6°38	25°50	21°33	21°15	24°55	n.a.	S 30
S 31	19 52 0	26♋ 6'04	24♐55	14♋35	25♋38	11♉ 6	19♋11	8♏40	3♉59	6♎39	25♑49	21♋33	21♋12	25♉ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	12s19	4n46	19n10	4s37	23n45	0n26	7n54	1s 9	23n58	0n45	12s58	1n53	12n25	0s21	0s41	2n 4	34s11	13s15	22n 3	21n52	14n 8		n.a.
S 2	23 49	16 42	4 4	19 12	4 34	23 53	0 28	8 9	1 9	23 57	0 45	12 58	1 53	12 26	0 21	0 41	2 4	34 12	13 15	22 3	21 53	14 10		n.a.
S 3	23 50	20 1	3 4	19 15	4 29	24 1	0 30	8 24	1 8	23 56	0 45	12 58	1 53	12 27	0 21	0 41	2 4	34 12	13 15	22 4	21 53	14 12		n.a.
M 4	23 50	21 58	1 52	19 20	4 22	24 8	0 32	8 38	1 8	23 54	0 45	12 57	1 52	12 27	0 21	0 41	2 4	34 12	13 16	22 4	21 54	14 14		n.a.
T 5	23 50	22 22	0 33	19 26	4 14	24 14	0 35	8 53	1 7	23 53	0 46	12 57	1 52	12 28	0 21	0 41	2 4	34 13	13 16	22 4	21 54	14 16		n.a.
W 6	23 49	21 15	0s45	19 35	4 5	24 20	0 37	9 8	1 7	23 52	0 46	12 56	1 52	12 29	0 21	0 41	2 4	34 13	13 16	22 4	21 55	14 19		n.a.
T 7	23 48	18 52	2 0	19 44	3 54	24 25	0 39	9 22	1 6	23 51	0 46	12 56	1 52	12 30	0 21	0 41	2 4	34 14	13 16	22 4	21 55	14 21		n.a.
F 8	23 46	15 30	3 5	19 55	3 41	24 29	0 41	9 37	1 5	23 49	0 46	12 56	1 51	12 30	0 21	0 42	2 4	34 14	13 16	22 4	21 56	14 23		n.a.
S 9	23 45	11 27	3 58	20 8	3 28	24 32	0 43	9 51	1 5	23 48	0 46	12 55	1 51	12 31	0 21	0 42	2 4	34 15	13 16	22 4	21 57	14 25		n.a.
S 10	23 42	7 1	4 38	20 22	3 13	24 35	0 45	10 5	1 4	23 47	0 46	12 55	1 51	12 32	0 21	0 42	2 3	34 15	13 17	22 4	21 57	14 27		n.a.
M11	23 39	2 25	5 4	20 37	2 58	24 37	0 47	10 19	1 4	23 45	0 46	12 55	1 51	12 33	0 21	0 42	2 3	34 15	13 17	22 3	21 58	14 29		n.a.
T 12	23 36	2n12	5 15	20 53	2 42	24 38	0 49	10 33	1 3	23 44	0 46	12 55	1 51	12 33	0 21	0 42	2 3	34 16	13 17	22 4	21 58	14 31		n.a.
W13	23 33	6 39	5 13	21 10	2 26	24 38	0 51	10 47	1 3	23 42	0 46	12 55	1 50	12 34	0 21	0 43	2 3	34 16	13 17	22 4	21 59	14 33		n.a.
T 14	23 28	10 50	4 57	21 27	2 10	24 38	0 53	11 1	1 2	23 41	0 46	12 54	1 50	12 35	0 21	0 43	2 3	34 16	13 17	22 4	21 59	14 36		n.a.
F 15	23 24	14 35	4 29	21 46	1 53	24 37	0 55	11 14	1 1	23 39	0 46	12 54	1 50	12 35	0 21	0 43	2 3	34 17	13 17	22 4	22 0	14 38		n.a.
S 16	23 19	17 46	3 49	22 4	1 37	24 35	0 56	11 28	1 1	23 38	0 46	12 54	1 50	12 36	0 21	0 43	2 3	34 17	13 17	22 4	22 0	14 40		n.a.
S 17	23 14	20 14	2 59	22 23	1 20	24 32	0 58	11 41	1 0	23 36	0 46	12 54	1 49	12 36	0 21	0 44	2 3	34 18	13 18	22 5	22 1	14 42		n.a.
M18	23 8	21 50	2 0	22 41	1 4	24 29	1 0	11 55	0 59	23 35	0 46	12 54	1 49	12 37	0 21	0 44	2 3	34 18	13 18	22 5	22 1	14 44		n.a.
T 19	23 2	22 24	0 55	22 59	0 48	24 25	1 1	12 8	0 59	23 33	0 46	12 54	1 49	12 38	0 21	0 44	2 3	34 18	13 18	22 5	22 2	14 46		n.a.
W20	22 55	21 54	0n13	23 16	0 32	24 20	1 3	12 21	0 58	23 32	0 47	12 54	1 49	12 38	0 21	0 45	2 3	34 19	13 18	22 5	22 2	14 48		n.a.
T 21	22 48	20 16	1 23	23 32	0 18	24 14	1 4	12 34	0 58	23 30	0 47	12 54	1 48	12 39	0 21	0 45	2 3	34 19	13 18	22 5	22 3	14 50		n.a.
F 22	22 41	17 36	2 29	23 47	0 3	24 8	1 6	12 47	0 57	23 28	0 47	12 55	1 48	12 39	0 21	0 45	2 3	34 19	13 18	22 5	22 3	14 52		n.a.
S 23	22 33	14 0	3 28	24 0	0n10	24 0	1 7	12 59	0 56	23 27	0 47	12 55	1 48	12 40	0 21	0 46	2 3	34 20	13 18	22 5	22 4	14 55		n.a.
S 24	22 25	9 39	4 18	24 11	0 23	23 53	1 9	13 12	0 55	23 25	0 47	12 55	1 48	12 40	0 21	0 46	2 3	34 20	13 18	22 5	22 4	14 57		n.a.
M25	22 16	4 45	4 54	24 21	0 35	23 44	1 10	13 24	0 55	23 23	0 47	12 55	1 48	12 41	0 21	0 46	2 2	34 20	13 18	22 5	22 5	14 59		n.a.
T 26	22 7	0s27	5 14	24 28	0 46	23 35	1 11	13 37	0 54	23 22	0 47	12 55	1 47	12 41	0 21	0 47	2 2	34 21	13 18	22 5	22 5	15 1		n.a.
W27	21 58	5 43	5 16	24 33	0 56	23 25	1 13	13 49	0 53	23 20	0 47	12 56	1 47	12 41	0 21	0 47	2 2	34 21	13 18	22 5	22 6	15 3		n.a.
T 28	21 48	10 46	4 59	24 36	1 5	23 14	1 14	14 1	0 53	23 18	0 47	12 56	1 47	12 42	0 21	0 48	2 2	34 21	13 19	22 5	22 6	15 5		n.a.
F 29	21 38	15 16	4 22	24 36	1 14	23 2	1 15	14 13	0 52	23 17	0 47	12 56	1 47	12 42	0 21	0 48	2 2	34 22	13 19	22 5	22 7	15 7		n.a.
S 30	21 27	18 55	3 29	24 33	1 21	22 50	1 16	14 25	0 51	23 15	0 47	12 57	1 46	12 43	0 21	0 49	2 2	34 22	13 19	22 4	22 7	15 9		n.a.
S 31	21n17	21s22	2n23	24n28	1n27	22n37	1n17	14n36	0s50	23n13	0n47	12s57	1n46	12n43	0s21	0s49	2n 2	34s22	13s19	22n 4	22n 8	15n11		n.a.

Julian Day Number = 1296088.5, Delta T = 07h54m42s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'57, Lahiri = -20°01'57 Julian Calendar 1 July 1165 BCE == Greg. Calendar 20 June 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

AUGUST 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 55 56	27♋ 4'25	9♉27	16♋28	26♋53	11♉40	19♋24	8♏41	4♉ 0	6♎40	25°R48	21♋34	21♋ 9	25♉ 9	n.a.	M 1
T 2	19 59 53	28° 2'47	23°49	18°21	28° 8	12°15	19°37	8°41	4° 1	6°41	25♉46	21°R34	21° 6	25°15	n.a.	T 2
W 3	20 3 50	29° 1'12	7♒58	20°15	29°23	12°49	19°50	8°42	4° 2	6°42	25°45	21°33	21° 2	25°22	n.a.	W 3
T 4	20 7 46	29°59'38	21°47	22° 9	0♌37	13°23	20° 3	8°43	4° 3	6°43	25°44	21°33	20°59	25°29	n.a.	T 4
F 5	20 11 43	0♌58'07	5♓16	24° 4	1°52	13°57	20°16	8°44	4° 4	6°44	25°43	21°32	20°56	25°35	n.a.	F 5
S 6	20 15 39	1°56'37	18°22	25°58	3° 7	14°31	20°29	8°45	4° 5	6°46	25°41	21°30	20°53	25°42	n.a.	S 6
S 7	20 19 36	2°55'10	1♈ 8	27°53	4°22	15° 5	20°42	8°47	4° 5	6°47	25°40	21°29	20°50	25°49	n.a.	S 7
M 8	20 23 32	3°53'45	13°34	29°47	5°36	15°38	20°55	8°48	4° 6	6°48	25°39	21°28	20°46	25°56	n.a.	M 8
T 9	20 27 29	4°52'23	25°46	1♌40	6°51	16°11	21° 8	8°49	4° 7	6°49	25°38	21°27	20°43	26° 2	n.a.	T 9
W10	20 31 25	5°51'03	7♉45	3°33	8° 6	16°44	21°21	8°51	4° 7	6°51	25°36	21°D27	20°40	26° 9	n.a.	W10
T 11	20 35 22	6°49'45	19°39	5°24	9°21	17°17	21°34	8°53	4° 8	6°52	25°35	21°27	20°37	26°16	n.a.	T 11
F 12	20 39 18	7°48'30	1♊30	7°16	10°36	17°50	21°46	8°54	4° 8	6°53	25°34	21°28	20°34	26°22	n.a.	F 12
S 13	20 43 15	8°47'17	13°24	9° 6	11°51	18°22	21°59	8°56	4° 9	6°55	25°33	21°30	20°31	26°29	n.a.	S 13
S 14	20 47 12	9°46'07	25°25	10°55	13° 6	18°54	22°12	8°58	4° 9	6°56	25°31	21°31	20°27	26°36	n.a.	S 14
M15	20 51 8	10°44'58	7♋37	12°44	14°21	19°26	22°25	9° 0	4° 9	6°57	25°30	21°32	20°24	26°42	n.a.	M15
T 16	20 55 5	11°43'53	20° 2	14°31	15°36	19°58	22°38	9° 2	4°10	6°59	25°29	21°R33	20°21	26°49	n.a.	T 16
W17	20 59 1	12°42'49	2♌43	16°18	16°51	20°30	22°50	9° 4	4°10	7° 0	25°28	21°33	20°18	26°56	n.a.	W17
T 18	21 2 58	13°41'48	15°40	18° 3	18° 6	21° 1	23° 3	9° 6	4°10	7° 2	25°27	21°31	20°15	27° 3	n.a.	T 18
F 19	21 6 54	14°40'48	28°53	19°48	19°21	21°32	23°16	9° 9	4°10	7° 3	25°25	21°29	20°12	27° 9	n.a.	F 19
S 20	21 10 51	15°39'51	12♍22	21°32	20°36	22° 3	23°28	9°11	4°10	7° 5	25°24	21°25	20° 8	27°16	n.a.	S 20
S 21	21 14 47	16°38'56	26° 4	23°15	21°51	22°34	23°41	9°14	4°R10	7° 6	25°23	21°21	20° 5	27°23	n.a.	S 21
M22	21 18 44	17°38'03	9♎57	24°57	23° 6	23° 5	23°53	9°16	4°10	7° 8	25°22	21°18	20° 2	27°29	n.a.	M22
T 23	21 22 40	18°37'11	23°58	26°38	24°21	23°35	24° 6	9°19	4°10	7°10	25°21	21°15	19°59	27°36	n.a.	T 23
W24	21 26 37	19°36'22	8♏ 5	28°18	25°36	24° 5	24°18	9°22	4°10	7°11	25°20	21°13	19°56	27°43	n.a.	W24
T 25	21 30 34	20°35'34	22°15	29°57	26°51	24°35	24°31	9°25	4°10	7°13	25°18	21°D13	19°52	27°49	n.a.	T 25
F 26	21 34 30	21°34'49	6♐26	1♍36	28° 6	25° 4	24°43	9°28	4°10	7°15	25°17	21°13	19°49	27°56	n.a.	F 26
S 27	21 38 27	22°34'05	20°37	3°13	29°21	25°33	24°55	9°31	4° 9	7°16	25°16	21°15	19°46	28° 3	n.a.	S 27
S 28	21 42 23	23°33'24	4♉46	4°50	0♍36	26° 2	25° 8	9°34	4° 9	7°18	25°15	21°16	19°43	28°10	n.a.	S 28
M29	21 46 20	24°32'44	18°49	6°26	1°51	26°31	25°20	9°37	4° 8	7°20	25°14	21°R17	19°40	28°16	n.a.	M29
T 30	21 50 16	25°32'06	2♒45	8° 1	3° 6	26°59	25°32	9°41	4° 8	7°22	25°13	21°16	19°37	28°23	n.a.	T 30
W31	21 54 13	26♌31'30	16♒31	9♍36	4♍21	27♉28	25♋44	9♏44	4♉ 8	7♎23	25♉12	21♋14	19♋33	28♉30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n 5	22s23	1n 7	24n20	1n33	22n24	1n18	14n48	0s50	23n11	0n48	12s57	1n46	12n43	0s21	0s50	2n 2	34s23	13s19	22n 4	22n 8	15n13			n.a.
T 2	20 54	21 54	0s13	24 10	1 38	22 10	1 19	14 59	0 49	23 9	0 48	12 58	1 46	12 44	0 21	0 50	2 2	34 23	13 19	22 4	22 9	15 15			n.a.
W 3	20 41	20 1	1 30	23 57	1 41	21 55	1 20	15 11	0 48	23 8	0 48	12 58	1 45	12 44	0 21	0 51	2 2	34 23	13 19	22 4	22 9	15 17			n.a.
T 4	20 29	16 59	2 40	23 41	1 44	21 39	1 20	15 22	0 47	23 6	0 48	12 59	1 45	12 44	0 21	0 51	2 2	34 23	13 19	22 5	22 10	15 20			n.a.
F 5	20 16	13 7	3 39	23 24	1 47	21 23	1 21	15 33	0 46	23 4	0 48	12 59	1 45	12 45	0 21	0 52	2 2	34 24	13 19	22 5	22 10	15 22			n.a.
S 6	20 3	8 43	4 25	23 4	1 48	21 6	1 22	15 44	0 46	23 2	0 48	13 0	1 45	12 45	0 21	0 52	2 2	34 24	13 19	22 5	22 11	15 24			n.a.
S 7	19 50	4 4	4 57	22 42	1 49	20 49	1 22	15 55	0 45	23 0	0 48	13 1	1 45	12 45	0 21	0 53	2 2	34 24	13 19	22 5	22 11	15 26			n.a.
M 8	19 36	0n38	5 13	22 18	1 49	20 31	1 23	16 5	0 44	22 58	0 48	13 1	1 44	12 45	0 21	0 53	2 2	34 25	13 19	22 5	22 12	15 28			n.a.
T 9	19 22	5 13	5 15	21 53	1 48	20 12	1 23	16 16	0 43	22 56	0 48	13 2	1 44	12 46	0 22	0 54	2 2	34 25	13 19	22 5	22 12	15 30			n.a.
W10	19 7	9 32	5 4	21 25	1 47	19 53	1 24	16 26	0 42	22 54	0 49	13 3	1 44	12 46	0 22	0 54	2 1	34 25	13 19	22 5	22 13	15 32			n.a.
T 11	18 52	13 27	4 39	20 56	1 46	19 33	1 24	16 37	0 41	22 52	0 49	13 3	1 44	12 46	0 22	0 55	2 1	34 25	13 19	22 5	22 13	15 34			n.a.
F 12	18 37	16 51	4 2	20 26	1 44	19 13	1 24	16 47	0 40	22 50	0 49	13 4	1 43	12 46	0 22	0 55	2 1	34 25	13 19	22 5	22 14	15 36			n.a.
S 13	18 21	19 33	3 15	19 54	1 41	18 52	1 24	16 57	0 39	22 48	0 49	13 5	1 43	12 46	0 22	0 56	2 1	34 26	13 19	22 5	22 14	15 38			n.a.
S 14	18 6	21 26	2 19	19 21	1 38	18 30	1 24	17 7	0 39	22 46	0 49	13 6	1 43	12 46	0 22	0 57	2 1	34 26	13 19	22 5	22 15	15 40			n.a.
M15	17 49	22 21	1 16	18 47	1 35	18 8	1 25	17 16	0 38	22 44	0 49	13 7	1 43	12 46	0 22	0 57	2 1	34 26	13 19	22 5	22 15	15 42			n.a.
T 16	17 33	22 10	0 8	18 12	1 31	17 46	1 25	17 26	0 37	22 42	0 49	13 8	1 42	12 47	0 22	0 58	2 1	34 26	13 19	22 4	22 16	15 44			n.a.
W17	17 16	20 52	1n 1	17 35	1 27	17 23	1 24	17 36	0 36	22 40	0 49	13 9	1 42	12 47	0 22	0 59	2 1	34 27	13 18	22 5	22 16	15 46			n.a.
T 18	16 59	18 27	2 9	16 58	1 22	16 59	1 24	17 45	0 35	22 38	0 49	13 9	1 42	12 47	0 22	0 59	2 1	34 27	13 18	22 5	22 17	15 48			n.a.
F 19	16 42	15 2	3 11	16 21	1 18	16 35	1 24	17 54	0 34	22 36	0 50	13 10	1 42	12 47	0 22	1 0	2 1	34 27	13 18	22 5	22 17	15 50			n.a.
S 20	16 24	10 46	4 4	15 42	1 13	16 11	1 24	18 3	0 33	22 34	0 50	13 11	1 42	12 47	0 22	1 1	2 1	34 27	13 18	22 6	22 18	15 52			n.a.
S 21	16 6	5 55	4 44	15 3	1 7	15 46	1 24	18 12	0 32	22 32	0 50	13 12	1 41	12 47	0 22	1 1	2 1	34 27	13 18	22 6	22 18	15 54			n.a.
M22	15 48	0 42	5 7	14 23	1 2	15 21	1 23	18 21	0 31	22 30	0 50	13 14	1 41	12 47	0 22	1 2	2 1	34 27	13 18	22 7	22 19	15 56			n.a.
T 23	15 30	4s36	5 13	13 43	0 56	14 55	1 23	18 30	0 30	22 28	0 50	13 15	1 41	12 47	0 22	1 3	2 1	34 28	13 18	22 7	22 19	15 59			n.a.
W24	15 11	9 42	5 0	13 3	0 50	14 29	1 22	18 38	0 29	22 26	0 50	13 16	1 41	12 47	0 22	1 3	2 1	34 28	13 18	22 8	22 20	16 1			n.a.
T 25	14 52	14 18	4 29	12 22	0 44	14 2	1 22	18 47	0 28	22 24	0 50	13 17	1 40	12 47	0 22	1 4	2 1	34 28	13 18	22 8	22 20	16 3			n.a.
F 26	14 33	18 7	3 41	11 40	0 38	13 35	1 21	18 55	0 27	22 22	0 51	13 18	1 40	12 46	0 22	1 5	2 1	34 28	13 18	22 8	22 20	16 5			n.a.
S 27	14 13	20 50	2 40	10 59	0 31	13 8	1 20	19 3	0 25	22 20	0 51	13 19	1 40	12 46	0 22	1 5	2 1	34 28	13 18	22 7	22 21	16 7			n.a.
S 28	13 53	22 16	1 29	10 17	0 25	12 41	1 19	19 11	0 24	22 17	0 51	13 20	1 40	12 46	0 22	1 6	2 1	34 28	13 17	22 7	22 21	16 9			n.a.
M29	13 33	22 16	0 13	9 35	0 18	12 13	1 19	19 19	0 23	22 15	0 51	13 22	1 40	12 46	0 22	1 7	2 0	34 28	13 17	22 7	22 22	16 11			n.a.
T 30	13 13	20 52	1s 2	8 53	0 12	11 44	1 18	19 27	0 22	22 13	0 51	13 23	1 39	12 46	0 22	1 8	2 0	34 28	13 17	22 7	22 22	16 13			n.a.
W31	12n53	18s16	2s13	8n10	0n 5	11n16	1n17	19n35	0s21	22n11	0n51	13s24	1n39	12n46	0s22	1s 8	2n 0	34s28	13s17	22n 7	22n23	16n15			n.a.

Julian Day Number = 1296119.5, Delta T = 07h54m41s
Ecliptic obliquity = 23°49'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'53, Lahiri = -20°01'52 Julian Calendar 1 Aug. 1165 BCE == Greg. Calendar 21 July 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

SEPTEMBER 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 58 9	27♌30'57	0♓ 3	11♍ 9	5♍36	27♉56	25♋56	9♏48	4°R 7	7♎25	25°R11	21°R10	19♋30	28♉36	n.a.	T 1
F 2	22 2 6	28°30'25	13°20	12°42	6°51	28°23	26° 8	9°51	4♉ 6	7°27	25♂10	21♋ 5	19°27	28°43	n.a.	F 2
S 3	22 6 3	29°29'56	26°19	14°14	8° 7	28°51	26°20	9°55	4° 6	7°29	25° 9	20°58	19°24	28°50	n.a.	S 3
S 4	22 9 59	0♍29'29	9♈ 1	15°46	9°22	29°18	26°32	9°59	4° 5	7°31	25° 8	20°51	19°21	28°56	n.a.	S 4
M 5	22 13 56	1°29'04	21°27	17°17	10°37	29°44	26°44	10° 2	4° 4	7°33	25° 7	20°45	19°17	29° 3	n.a.	M 5
T 6	22 17 52	2°28'42	3♉38	18°47	11°52	0♊11	26°56	10° 6	4° 3	7°35	25° 6	20°39	19°14	29°10	n.a.	T 6
W 7	22 21 49	3°28'22	15°37	20°16	13° 7	0°37	27° 7	10°10	4° 3	7°37	25° 5	20°36	19°11	29°16	n.a.	W 7
T 8	22 25 45	4°28'05	27°30	21°44	14°22	1° 3	27°19	10°14	4° 2	7°38	25° 4	20°34	19° 8	29°23	n.a.	T 8
F 9	22 29 42	5°27'50	9♊20	23°12	15°37	1°28	27°31	10°18	4° 1	7°40	25° 3	20°D33	19° 5	29°30	n.a.	F 9
S 10	22 33 38	6°27'37	21°14	24°39	16°52	1°53	27°42	10°23	4° 0	7°42	25° 2	20°34	19° 2	29°37	n.a.	S 10
S 11	22 37 35	7°27'27	3♋15	26° 6	18° 7	2°18	27°54	10°27	3°59	7°44	25° 1	20°36	18°58	29°43	n.a.	S 11
M12	22 41 31	8°27'19	15°29	27°31	19°23	2°43	28° 5	10°31	3°58	7°46	25° 0	20°R37	18°55	29°50	n.a.	M12
T 13	22 45 28	9°27'13	28° 1	28°56	20°38	3° 7	28°17	10°36	3°56	7°48	24°59	20°37	18°52	29°57	n.a.	T 13
W14	22 49 25	10°27'10	10♌52	0♎20	21°53	3°31	28°28	10°40	3°55	7°50	24°59	20°35	18°49	0♊ 3	n.a.	W14
T 15	22 53 21	11°27'09	24° 6	1°43	23° 8	3°54	28°39	10°45	3°54	7°53	24°58	20°30	18°46	0°10	n.a.	T 15
F 16	22 57 18	12°27'10	7♍42	3° 5	24°23	4°17	28°50	10°49	3°53	7°55	24°57	20°24	18°43	0°17	n.a.	F 16
S 17	23 1 14	13°27'13	21°38	4°26	25°38	4°39	29° 1	10°54	3°51	7°57	24°56	20°15	18°39	0°23	n.a.	S 17
S 18	23 5 11	14°27'18	5♎48	5°46	26°53	5° 2	29°12	10°59	3°50	7°59	24°56	20° 6	18°36	0°30	n.a.	S 18
M19	23 9 7	15°27'25	20° 9	7° 5	28° 9	5°23	29°23	11° 4	3°49	8° 1	24°55	19°57	18°33	0°37	n.a.	M19
T 20	23 13 4	16°27'34	4♏34	8°22	29°24	5°45	29°34	11° 9	3°47	8° 3	24°54	19°50	18°30	0°43	n.a.	T 20
W21	23 17 0	17°27'45	18°58	9°39	0♏39	6° 6	29°45	11°14	3°46	8° 5	24°53	19°44	18°27	0°50	n.a.	W21
T 22	23 20 57	18°27'57	3♐16	10°54	1°54	6°26	29°55	11°19	3°44	8° 7	24°53	19°41	18°23	0°57	n.a.	T 22
F 23	23 24 53	19°28'11	17°26	12° 7	3° 9	6°46	0♑ 6	11°24	3°42	8° 9	24°52	19°D40	18°20	1° 3	n.a.	F 23
S 24	23 28 50	20°28'27	1♑26	13°18	4°24	7° 6	0°16	11°29	3°41	8°12	24°51	19°40	18°17	1°10	n.a.	S 24
S 25	23 32 47	21°28'44	15°16	14°28	5°39	7°25	0°27	11°34	3°39	8°14	24°51	19°R41	18°14	1°17	n.a.	S 25
M26	23 36 43	22°29'03	28°56	15°35	6°54	7°44	0°37	11°40	3°37	8°16	24°50	19°40	18°11	1°24	n.a.	M26
T 27	23 40 40	23°29'23	12♒26	16°40	8° 9	8° 2	0°47	11°45	3°36	8°18	24°50	19°38	18° 8	1°30	n.a.	T 27
W28	23 44 36	24°29'45	25°46	17°43	9°25	8°20	0°57	11°50	3°34	8°20	24°49	19°33	18° 4	1°37	n.a.	W28
T 29	23 48 33	25°30'09	8♓55	18°42	10°40	8°37	1° 7	11°56	3°32	8°23	24°49	19°25	18° 1	1°44	n.a.	T 29
F 30	23 52 29	26♍30'34	21♓53	19♎38	11♎55	8♊54	1♑17	12♏ 2	3♉30	8♎25	24♑48	19♋15	17♋58	1♊50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n32	14s41	3s15	7n28	0s 2	10n47	1n16	19n42	0s20	22n 9	0n51	13s26	1n39	12n46	0s22	1s 9	2n 0	34s28	13s17	22n 8	22n23	16n17		n.a.
F 2	12 11	10 25	4 6	6 46	0 9	10 17	1 15	19 50	0 19	22 7	0 52	13 27	1 39	12 45	0 22	1 10	2 0	34 29	13 17	22 9	22 24	16 19		n.a.
S 3	11 50	5 47	4 42	6 3	0 16	9 48	1 13	19 57	0 17	22 5	0 52	13 28	1 38	12 45	0 22	1 11	2 0	34 29	13 17	22 10	22 24	16 21		n.a.
S 4	11 29	1 0	5 3	5 21	0 23	9 18	1 12	20 4	0 16	22 2	0 52	13 30	1 38	12 45	0 22	1 12	2 0	34 29	13 16	22 11	22 25	16 23		n.a.
M 5	11 7	3n43	5 10	4 39	0 30	8 48	1 11	20 11	0 15	22 0	0 52	13 31	1 38	12 45	0 22	1 12	2 0	34 29	13 16	22 12	22 25	16 25		n.a.
T 6	10 46	8 12	5 2	3 57	0 37	8 18	1 10	20 18	0 14	21 58	0 52	13 32	1 38	12 44	0 22	1 13	2 0	34 29	13 16	22 13	22 26	16 27		n.a.
W 7	10 24	12 19	4 41	3 15	0 44	7 47	1 8	20 25	0 12	21 56	0 52	13 34	1 38	12 44	0 22	1 14	2 0	34 29	13 16	22 14	22 26	16 29		n.a.
T 8	10 2	15 54	4 8	2 33	0 51	7 17	1 7	20 31	0 11	21 54	0 52	13 35	1 37	12 44	0 22	1 15	2 0	34 29	13 16	22 14	22 27	16 31		n.a.
F 9	9 40	18 51	3 24	1 51	0 58	6 46	1 5	20 38	0 10	21 52	0 53	13 37	1 37	12 43	0 22	1 16	2 0	34 29	13 16	22 14	22 27	16 33		n.a.
S 10	9 17	21 0	2 32	1 10	1 5	6 15	1 4	20 44	0 8	21 49	0 53	13 38	1 37	12 43	0 22	1 16	2 0	34 29	13 15	22 14	22 27	16 35		n.a.
S 11	8 55	22 15	1 32	0 29	1 12	5 43	1 2	20 51	0 7	21 47	0 53	13 40	1 37	12 43	0 22	1 17	2 0	34 29	13 15	22 13	22 28	16 37		n.a.
M12	8 32	22 28	0 28	0s12	1 19	5 12	1 1	20 57	0 6	21 45	0 53	13 42	1 37	12 42	0 22	1 18	2 0	34 29	13 15	22 13	22 28	16 39		n.a.
T 13	8 9	21 33	0n40	0 52	1 26	4 40	0 59	21 3	0 4	21 43	0 53	13 43	1 37	12 42	0 22	1 19	2 0	34 29	13 15	22 13	22 29	16 41		n.a.
W14	7 46	19 30	1 47	1 32	1 32	4 9	0 57	21 9	0 3	21 41	0 53	13 45	1 36	12 41	0 22	1 20	2 0	34 29	13 15	22 14	22 29	16 43		n.a.
T 15	7 23	16 22	2 50	2 12	1 39	3 37	0 56	21 15	0 2	21 39	0 54	13 46	1 36	12 41	0 22	1 21	2 0	34 29	13 15	22 14	22 30	16 45		n.a.
F 16	7 0	12 17	3 45	2 51	1 45	3 5	0 54	21 21	0 0	21 36	0 54	13 48	1 36	12 41	0 22	1 21	2 0	34 29	13 14	22 15	22 30	16 47		n.a.
S 17	6 36	7 28	4 28	3 29	1 51	2 33	0 52	21 26	0n 1	21 34	0 54	13 50	1 36	12 40	0 22	1 22	2 0	34 29	13 14	22 17	22 31	16 49		n.a.
S 18	6 13	2 10	4 56	4 7	1 58	2 1	0 50	21 32	0 3	21 32	0 54	13 51	1 36	12 40	0 22	1 23	2 0	34 29	13 14	22 18	22 31	16 50		n.a.
M19	5 49	3s18	5 5	4 44	2 3	1 29	0 48	21 37	0 4	21 30	0 54	13 53	1 35	12 39	0 22	1 24	2 0	34 29	13 14	22 19	22 31	16 52		n.a.
T 20	5 26	8 38	4 55	5 21	2 9	0 57	0 46	21 43	0 6	21 28	0 55	13 55	1 35	12 39	0 22	1 25	2 0	34 28	13 13	22 20	22 32	16 54		n.a.
W21	5 2	13 28	4 27	5 56	2 15	0 25	0 44	21 48	0 7	21 26	0 55	13 56	1 35	12 38	0 22	1 26	2 0	34 28	13 13	22 21	22 32	16 56		n.a.
T 22	4 38	17 32	3 42	6 31	2 20	0s 8	0 42	21 53	0 9	21 24	0 55	13 58	1 35	12 37	0 22	1 27	2 0	34 28	13 13	22 22	22 33	16 58		n.a.
F 23	4 14	20 31	2 43	7 5	2 25	0 40	0 40	21 58	0 11	21 22	0 55	14 0	1 35	12 37	0 22	1 28	2 0	34 28	13 13	22 22	22 33	17 0		n.a.
S 24	3 50	22 14	1 36	7 37	2 29	1 12	0 38	22 3	0 12	21 19	0 55	14 2	1 35	12 36	0 22	1 28	2 0	34 28	13 13	22 22	22 34	17 2		n.a.
S 25	3 26	22 33	0 24	8 9	2 34	1 44	0 35	22 8	0 14	21 17	0 55	14 4	1 34	12 36	0 22	1 29	2 0	34 28	13 12	22 22	22 34	17 4		n.a.
M26	3 2	21 31	0s49	8 39	2 37	2 17	0 33	22 13	0 15	21 15	0 56	14 5	1 34	12 35	0 22	1 30	2 0	34 28	13 12	22 22	22 35	17 6		n.a.
T 27	2 38	19 14	1 58	9 8	2 41	2 49	0 31	22 17	0 17	21 13	0 56	14 7	1 34	12 35	0 22	1 31	2 0	34 28	13 12	22 22	22 35	17 8		n.a.
W28	2 13	15 57	3 0	9 35	2 44	3 21	0 29	22 22	0 19	21 11	0 56	14 9	1 34	12 34	0 22	1 32	2 0	34 28	13 12	22 23	22 35	17 10		n.a.
T 29	1 49	11 54	3 50	10 0	2 46	3 53	0 26	22 26	0 21	21 9	0 56	14 11	1 34	12 33	0 22	1 33	2 0	34 27	13 11	22 24	22 36	17 12		n.a.
F 30	1n25	7s22	4s28	10s23	2s48	4s25	0n24	22n31	0n22	21n 7	0n56	14s13	1n34	12n33	0s22	1s34	2n 0	34s27	13s11	22n25	22n36	17n14		n.a.

Julian Day Number = 1296150.5, Delta T = 07h54m39s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'49, Lahiri = -20°01'48 Julian Calendar 1 Sept. 1165 BCE == Greg. Calendar 21 Aug. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

OCTOBER 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 26	27♍31'02	4♈38	20♎30	13♎10	9♊10	1♌27	12♏ 7	3°R28	8♎27	24°R48	19°R 3	17♋55	1♊57	n.a.	S 1
S 2	0 0 22	28°31'31	17°10	21°18	14°25	9°26	1°36	12°13	3♉26	8°29	24♑47	18♋50	17°52	2° 4	n.a.	S 2
M 3	0 4 19	29°32'01	29°29	22° 1	15°40	9°41	1°46	12°18	3°24	8°31	24°47	18°38	17°49	2°10	n.a.	M 3
T 4	0 8 16	0♎32'34	11♉36	22°39	16°55	9°55	1°56	12°24	3°22	8°34	24°46	18°27	17°45	2°17	n.a.	T 4
W 5	0 12 12	1°33'09	23°34	23°11	18°10	10° 9	2° 5	12°30	3°20	8°36	24°46	18°18	17°42	2°24	n.a.	W 5
T 6	0 16 9	2°33'45	5♊24	23°37	19°25	10°23	2°14	12°36	3°18	8°38	24°46	18°12	17°39	2°30	n.a.	T 6
F 7	0 20 5	3°34'24	17°13	23°55	20°40	10°36	2°23	12°42	3°16	8°40	24°45	18° 9	17°36	2°37	n.a.	F 7
S 8	0 24 2	4°35'04	29° 4	24° 5	21°55	10°48	2°32	12°48	3°14	8°43	24°45	18° 7	17°33	2°44	n.a.	S 8
S 9	0 27 58	5°35'46	11♋ 2	24°R 6	23°10	11° 0	2°41	12°54	3°12	8°45	24°45	18°D 7	17°29	2°50	n.a.	S 9
M10	0 31 55	6°36'30	23°14	23°58	24°25	11°11	2°50	13° 0	3°10	8°47	24°45	18°R 7	17°26	2°57	n.a.	M10
T 11	0 35 51	7°37'16	5♌45	23°40	25°40	11°21	2°59	13° 6	3° 8	8°49	24°44	18° 6	17°23	3° 4	n.a.	T 11
W12	0 39 48	8°38'04	18°39	23°12	26°55	11°31	3° 7	13°12	3° 5	8°52	24°44	18° 3	17°20	3°11	n.a.	W12
T 13	0 43 45	9°38'53	2♍ 0	22°33	28°10	11°40	3°16	13°18	3° 3	8°54	24°44	17°57	17°17	3°17	n.a.	T 13
F 14	0 47 41	10°39'44	15°47	21°44	29°25	11°49	3°24	13°25	3° 1	8°56	24°44	17°48	17°14	3°24	n.a.	F 14
S 15	0 51 38	11°40'36	0♎ 1	20°44	0♏40	11°56	3°32	13°31	2°58	8°58	24°44	17°37	17°10	3°31	n.a.	S 15
S 16	0 55 34	12°41'30	14°35	19°37	1°55	12° 3	3°41	13°37	2°56	9° 1	24°44	17°25	17° 7	3°37	n.a.	S 16
M17	0 59 31	13°42'25	29°23	18°22	3°10	12°10	3°49	13°44	2°54	9° 3	24°43	17°13	17° 4	3°44	n.a.	M17
T 18	1 3 27	14°43'21	14♏16	17° 2	4°25	12°15	3°56	13°50	2°51	9° 5	24°43	17° 2	17° 1	3°51	n.a.	T 18
W19	1 7 24	15°44'19	29° 5	15°40	5°40	12°20	4° 4	13°56	2°49	9° 7	24°D43	16°54	16°58	3°57	n.a.	W19
T 20	1 11 20	16°45'17	13♐43	14°19	6°55	12°24	4°12	14° 3	2°47	9°10	24°43	16°49	16°54	4° 4	n.a.	T 20
F 21	1 15 17	17°46'17	28° 4	13° 0	8°10	12°28	4°19	14° 9	2°44	9°12	24°43	16°47	16°51	4°11	n.a.	F 21
S 22	1 19 14	18°47'18	12♑ 8	11°47	9°25	12°30	4°26	14°16	2°42	9°14	24°43	16°46	16°48	4°17	n.a.	S 22
S 23	1 23 10	19°48'19	25°53	10°42	10°40	12°32	4°33	14°22	2°39	9°16	24°44	16°46	16°45	4°24	n.a.	S 23
M24	1 27 7	20°49'21	9♒22	9°47	11°55	12°33	4°40	14°29	2°37	9°19	24°44	16°45	16°42	4°31	n.a.	M24
T 25	1 31 3	21°50'24	22°35	9° 2	13°10	12°R33	4°47	14°36	2°34	9°21	24°44	16°42	16°39	4°37	n.a.	T 25
W26	1 35 0	22°51'28	5♓35	8°29	14°24	12°33	4°54	14°42	2°32	9°23	24°44	16°37	16°35	4°44	n.a.	W26
T 27	1 38 56	23°52'32	18°23	8° 7	15°39	12°31	5° 1	14°49	2°29	9°25	24°44	16°28	16°32	4°51	n.a.	T 27
F 28	1 42 53	24°53'37	1♈ 1	7°D57	16°54	12°29	5° 7	14°56	2°27	9°27	24°44	16°16	16°29	4°57	n.a.	F 28
S 29	1 46 49	25°54'43	13°29	7°57	18° 9	12°26	5°13	15° 3	2°24	9°30	24°45	16° 3	16°26	5° 4	n.a.	S 29
S 30	1 50 46	26°55'50	25°47	8° 7	19°24	12°23	5°19	15° 9	2°22	9°32	24°45	15°48	16°23	5°11	n.a.	S 30
M31	1 54 43	27♎56'58	7♉56	8♎27	20♏38	12♊18	5♌25	15♏16	2♉19	9♎34	24♑45	15♋34	16♋20	5♊17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n 0	2s35	4s52	10s44	2s49	4s57	0n22	22n35	0n24	21n 5	0n57	14s15	1n33	12n32	0s22	1s35	2n 0	34s27	13s11	22n27	22n37	17n16		n.a.	S 1
S 2	0 36	2n13	5 1	11 3	2 50	5 29	0 19	22 39	0 26	21 3	0 57	14 17	1 33	12 31	0 22	1 36	2 0	34 27	13 11	22 29	22 37	17 18		n.a.	S 2
M 3	0 11	6 51	4 56	11 19	2 49	6 0	0 17	22 43	0 28	21 1	0 57	14 18	1 33	12 31	0 22	1 36	2 0	34 27	13 10	22 31	22 38	17 20		n.a.	M 3
T 4	0s13	11 10	4 38	11 32	2 48	6 32	0 14	22 47	0 30	20 59	0 57	14 20	1 33	12 30	0 22	1 37	1 59	34 27	13 10	22 32	22 38	17 22		n.a.	T 4
W 5	0 38	14 59	4 7	11 42	2 45	7 3	0 12	22 51	0 31	20 57	0 58	14 22	1 33	12 29	0 22	1 38	1 59	34 27	13 10	22 34	22 38	17 24		n.a.	W 5
T 6	1 2	18 11	3 26	11 49	2 42	7 34	0 9	22 55	0 33	20 55	0 58	14 24	1 33	12 29	0 22	1 39	1 59	34 26	13 10	22 34	22 39	17 25		n.a.	T 6
F 7	1 27	20 37	2 36	11 51	2 37	8 5	0 7	22 59	0 35	20 53	0 58	14 26	1 32	12 28	0 22	1 40	1 59	34 26	13 9	22 35	22 39	17 27		n.a.	F 7
S 8	1 51	22 10	1 39	11 49	2 31	8 36	0 5	23 3	0 37	20 52	0 58	14 28	1 32	12 27	0 22	1 41	1 59	34 26	13 9	22 35	22 40	17 29		n.a.	S 8
S 9	2 15	22 45	0 38	11 43	2 24	9 7	0 2	23 7	0 39	20 50	0 58	14 30	1 32	12 26	0 22	1 42	1 59	34 26	13 9	22 35	22 40	17 31		n.a.	S 9
M10	2 40	22 14	0n27	11 32	2 14	9 37	0s 1	23 10	0 41	20 48	0 59	14 32	1 32	12 26	0 22	1 43	1 59	34 25	13 8	22 35	22 40	17 33		n.a.	M10
T 11	3 4	20 38	1 32	11 15	2 4	10 8	0 3	23 14	0 43	20 46	0 59	14 34	1 32	12 25	0 22	1 44	1 59	34 25	13 8	22 35	22 41	17 35		n.a.	T 11
W12	3 29	17 55	2 34	10 52	1 51	10 38	0 6	23 17	0 45	20 44	0 59	14 36	1 32	12 24	0 22	1 45	1 59	34 25	13 8	22 36	22 41	17 37		n.a.	W12
T 13	3 53	14 12	3 30	10 25	1 37	11 7	0 8	23 20	0 48	20 42	0 59	14 38	1 32	12 23	0 22	1 46	1 59	34 25	13 8	22 36	22 42	17 39		n.a.	T 13
F 14	4 17	9 36	4 15	9 51	1 21	11 37	0 11	23 24	0 50	20 41	1 0	14 40	1 31	12 22	0 22	1 46	1 59	34 25	13 7	22 38	22 42	17 41		n.a.	F 14
S 15	4 41	4 21	4 46	9 12	1 4	12 6	0 13	23 27	0 52	20 39	1 0	14 42	1 31	12 22	0 22	1 47	1 59	34 24	13 7	22 39	22 43	17 43		n.a.	S 15
S 16	5 6	1s15	5 0	8 29	0 45	12 35	0 16	23 30	0 54	20 37	1 0	14 44	1 31	12 21	0 22	1 48	1 59	34 24	13 7	22 41	22 43	17 44		n.a.	S 16
M17	5 30	6 52	4 54	7 42	0 25	13 4	0 18	23 33	0 56	20 36	1 0	14 46	1 31	12 20	0 22	1 49	1 59	34 24	13 7	22 42	22 43	17 46		n.a.	M17
T 18	5 54	12 8	4 27	6 52	0 4	13 32	0 21	23 36	0 59	20 34	1 1	14 48	1 31	12 19	0 22	1 50	1 59	34 24	13 6	22 44	22 44	17 48		n.a.	T 18
W19	6 18	16 39	3 43	6 1	0n16	14 0	0 23	23 39	1 1	20 32	1 1	14 50	1 31	12 18	0 22	1 51	1 59	34 23	13 6	22 45	22 44	17 50		n.a.	W19
T 20	6 41	20 5	2 45	5 10	0 37	14 27	0 26	23 42	1 3	20 31	1 1	14 52	1 31	12 18	0 22	1 52	1 59	34 23	13 6	22 45	22 45	17 52		n.a.	T 20
F 21	7 5	22 12	1 37	4 21	0 56	14 54	0 29	23 45	1 6	20 29	1 1	14 55	1 31	12 17	0 22	1 53	2 0	34 23	13 5	22 46	22 45	17 54		n.a.	F 21
S 22	7 29	22 52	0 24	3 36	1 15	15 21	0 31	23 47	1 8	20 28	1 2	14 57	1 30	12 16	0 22	1 54	2 0	34 22	13 5	22 46	22 45	17 56		n.a.	S 22
S 23	7 52	22 6	0s48	2 54	1 31	15 48	0 34	23 50	1 10	20 26	1 2	14 59	1 30	12 15	0 22	1 54	2 0	34 22	13 5	22 46	22 46	17 58		n.a.	S 23
M24	8 15	20 4	1 56	2 19	1 46	16 14	0 36	23 52	1 13	20 25	1 2	15 1	1 30	12 14	0 22	1 55	2 0	34 22	13 5	22 46	22 46	17 59		n.a.	M24
T 25	8 39	17 0	2 57	1 49	1 59	16 39	0 39	23 55	1 15	20 23	1 2	15 3	1 30	12 13	0 22	1 56	2 0	34 22	13 4	22 46	22 47	18 1		n.a.	T 25
W26	9 2	13 8	3 47	1 26	2 10	17 5	0 41	23 57	1 18	20 22	1 3	15 5	1 30	12 12	0 22	1 57	2 0	34 21	13 4	22 47	22 47	18 3		n.a.	W26
T 27	9 25	8 43	4 25	1 9	2 19	17 29	0 43	24 0	1 20	20 21	1 3	15 7	1 30	12 12	0 22	1 58	2 0	34 21	13 4	22 48	22 47	18 5		n.a.	T 27
F 28	9 48	4 0	4 50	0 58	2 26	17 54	0 46	24 2	1 23	20 19	1 3	15 9	1 30	12 11	0 22	1 59	2 0	34 21	13 3	22 49	22 48	18 7		n.a.	F 28
S 29	10 10	0n49	5 0	0 54	2 31	18 17	0 48	24 4	1 25	20 18	1 3	15 11	1 30	12 10	0 22	2 0	2 0	34 20	13 3	22 51	22 48	18 9		n.a.	S 29
S 30	10 33	5 33	4 56	0 55	2 35	18 41	0 51	24 6	1 28	20 17	1 4	15 13	1 30	12 9	0 22	2 0	2 0	34 20	13 3	22 53	22 49	18 11		n.a.	S 30
M31	10s55	10n 0	4s38	1s 1	2n37	19s 3	0s53	24n 8	1n30	20n15	1n 4	15s15	1n30	12n 8	0s22	2s 1	2n 0	34s20	13s 3	22n54	22n49	18n12		n.a.	M31

Julian Day Number = 1296180.5, Delta T = 07h54m37s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'45, Lahiri = -20°01'44 Julian Calendar 1 Oct. 1165 BCE == Greg. Calendar 20 Sept. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

NOVEMBER 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 39	28♎58'06	19♉57	8♎55	21♏53	12°R13	5♌31	15♏23	2°R16	9♎36	24♑45	15°R22	16♋16	5♊24	n.a.	T 1
W 2	2 2 36	29°59'16	1♊50	9°31	23° 8	12♊ 6	5°37	15°30	2♉14	9°38	24°46	15♋11	16°13	5°31	n.a.	W 2
T 3	2 6 32	1♏ 0'26	13°39	10°13	24°23	11°59	5°42	15°37	2°11	9°40	24°46	15° 4	16°10	5°37	n.a.	T 3
F 4	2 10 29	2° 1'38	25°26	11° 1	25°37	11°51	5°47	15°43	2° 9	9°43	24°46	15° 0	16° 7	5°44	n.a.	F 4
S 5	2 14 25	3° 2'50	7♋16	11°55	26°52	11°43	5°53	15°50	2° 6	9°45	24°47	14°58	16° 4	5°51	n.a.	S 5
S 6	2 18 22	4° 4'03	19°12	12°53	28° 7	11°33	5°58	15°57	2° 4	9°47	24°47	14°D58	16° 0	5°58	n.a.	S 6
M 7	2 22 18	5° 5'17	1♌21	13°56	29°22	11°22	6° 2	16° 4	2° 1	9°49	24°48	14°R58	15°57	6° 4	n.a.	M 7
T 8	2 26 15	6° 6'32	13°47	15° 1	0♐36	11°11	6° 7	16°11	1°59	9°51	24°48	14°58	15°54	6°11	n.a.	T 8
W 9	2 30 12	7° 7'48	26°36	16°10	1°51	10°59	6°12	16°18	1°56	9°53	24°49	14°56	15°51	6°18	n.a.	W 9
T 10	2 34 8	8° 9'04	9♍52	17°22	3° 6	10°46	6°16	16°25	1°54	9°55	24°49	14°52	15°48	6°24	n.a.	T 10
F 11	2 38 5	9°10'21	23°38	18°36	4°20	10°32	6°20	16°32	1°51	9°57	24°50	14°45	15°45	6°31	n.a.	F 11
S 12	2 42 1	10°11'39	7♎54	19°52	5°35	10°18	6°24	16°39	1°48	9°59	24°50	14°37	15°41	6°38	n.a.	S 12
S 13	2 45 58	11°12'57	22°36	21°10	6°49	10° 3	6°28	16°46	1°46	10° 1	24°51	14°26	15°38	6°44	n.a.	S 13
M14	2 49 54	12°14'15	7♏38	22°29	8° 4	9°47	6°31	16°53	1°43	10° 3	24°52	14°16	15°35	6°51	n.a.	M14
T 15	2 53 51	13°15'34	22°49	23°50	9°19	9°30	6°35	17° 0	1°41	10° 5	24°52	14° 7	15°32	6°58	n.a.	T 15
W16	2 57 47	14°16'54	8♐ 0	25°12	10°33	9°12	6°38	17° 7	1°38	10° 7	24°53	14° 0	15°29	7° 4	n.a.	W16
T 17	3 1 44	15°18'13	23° 0	26°36	11°48	8°54	6°41	17°14	1°36	10° 9	24°54	13°56	15°25	7°11	n.a.	T 17
F 18	3 5 41	16°19'32	7♑42	28° 0	13° 2	8°35	6°44	17°21	1°34	10°11	24°55	13°D54	15°22	7°18	n.a.	F 18
S 19	3 9 37	17°20'51	22° 1	29°25	14°17	8°16	6°47	17°28	1°31	10°13	24°55	13°54	15°19	7°24	n.a.	S 19
S 20	3 13 34	18°22'10	5♒56	0♏51	15°31	7°56	6°49	17°35	1°29	10°15	24°56	13°55	15°16	7°31	n.a.	S 20
M21	3 17 30	19°23'29	19°27	2°17	16°46	7°35	6°52	17°42	1°26	10°17	24°57	13°R55	15°13	7°38	n.a.	M21
T 22	3 21 27	20°24'47	2♓36	3°44	18° 0	7°14	6°54	17°49	1°24	10°18	24°58	13°55	15°10	7°44	n.a.	T 22
W23	3 25 23	21°26'04	15°27	5°12	19°14	6°53	6°56	17°56	1°21	10°20	24°59	13°52	15° 6	7°51	n.a.	W23
T 24	3 29 20	22°27'22	28° 3	6°40	20°29	6°31	6°58	18° 3	1°19	10°22	24°59	13°46	15° 3	7°58	n.a.	T 24
F 25	3 33 17	23°28'39	10♈27	8° 9	21°43	6° 8	6°59	18°10	1°17	10°24	25° 0	13°39	15° 0	8° 4	n.a.	F 25
S 26	3 37 13	24°29'56	22°40	9°38	22°57	5°45	7° 0	18°17	1°15	10°26	25° 1	13°30	14°57	8°11	n.a.	S 26
S 27	3 41 10	25°31'12	4♉45	11° 8	24°12	5°22	7° 2	18°24	1°12	10°27	25° 2	13°20	14°54	8°18	n.a.	S 27
M28	3 45 6	26°32'28	16°44	12°38	25°26	4°59	7° 3	18°31	1°10	10°29	25° 3	13°10	14°51	8°24	n.a.	M28
T 29	3 49 3	27°33'44	28°38	14° 9	26°40	4°35	7° 4	18°38	1° 8	10°31	25° 4	13° 2	14°47	8°31	n.a.	T 29
W30	3 52 59	28♏34'59	10♊28	15♏40	27♐54	4♊12	7♌ 4	18♏45	1♉ 6	10♎32	25♑ 5	12♋55	14♋44	8♊38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s17	14n 2	4s 8	1s11	2n37	19s26	0s55	24n10	1n33	20n14	1n 4	15s17	1n29	12n 7	0s22	2s 2	2n 0	34s19	13s 2	22n56	22n49	18n14		n.a.
W 2	11 39	17 29	3 27	1 26	2 37	19 47	0 58	24 12	1 36	20 13	1 4	15 20	1 29	12 6	0 22	2 3	2 0	34 19	13 2	22 57	22 50	18 16		n.a.
T 3	12 1	20 12	2 38	1 44	2 35	20 9	1 0	24 13	1 38	20 12	1 5	15 22	1 29	12 5	0 22	2 4	2 0	34 19	13 2	22 58	22 50	18 18		n.a.
F 4	12 22	22 3	1 42	2 6	2 33	20 29	1 2	24 15	1 41	20 11	1 5	15 24	1 29	12 4	0 22	2 5	2 0	34 18	13 1	22 58	22 51	18 20		n.a.
S 5	12 44	22 57	0 41	2 30	2 30	20 49	1 4	24 16	1 44	20 10	1 5	15 26	1 29	12 4	0 22	2 5	2 0	34 18	13 1	22 59	22 51	18 22		n.a.
S 6	13 5	22 48	0n23	2 56	2 26	21 9	1 6	24 17	1 46	20 9	1 6	15 28	1 29	12 3	0 22	2 6	2 0	34 18	13 1	22 59	22 51	18 23		n.a.
M 7	13 26	21 35	1 26	3 25	2 21	21 28	1 9	24 19	1 49	20 8	1 6	15 30	1 29	12 2	0 22	2 7	2 0	34 17	13 1	22 59	22 52	18 25		n.a.
T 8	13 47	19 18	2 27	3 55	2 16	21 46	1 11	24 20	1 52	20 7	1 6	15 32	1 29	12 1	0 22	2 8	2 0	34 17	13 0	22 59	22 52	18 27		n.a.
W 9	14 7	16 1	3 23	4 27	2 11	22 3	1 13	24 21	1 54	20 6	1 6	15 34	1 29	12 0	0 22	2 9	2 0	34 16	13 0	22 59	22 52	18 29		n.a.
T 10	14 27	11 50	4 9	5 1	2 5	22 20	1 15	24 21	1 57	20 5	1 7	15 36	1 29	11 59	0 22	2 9	2 0	34 16	13 0	22 59	22 53	18 31		n.a.
F 11	14 47	6 53	4 43	5 35	1 59	22 37	1 17	24 22	2 0	20 5	1 7	15 38	1 29	11 58	0 22	2 10	2 0	34 16	12 59	23 0	22 53	18 32		n.a.
S 12	15 7	1 25	5 2	6 10	1 52	22 53	1 19	24 22	2 2	20 4	1 7	15 41	1 28	11 57	0 22	2 11	2 0	34 15	12 59	23 1	22 54	18 34		n.a.
S 13	15 26	4s17	5 1	6 46	1 46	23 8	1 20	24 23	2 5	20 3	1 8	15 43	1 28	11 57	0 22	2 12	2 0	34 15	12 59	23 2	22 54	18 36		n.a.
M14	15 46	9 53	4 39	7 22	1 39	23 22	1 22	24 23	2 8	20 3	1 8	15 45	1 28	11 56	0 22	2 13	2 0	34 14	12 59	23 3	22 54	18 38		n.a.
T 15	16 5	14 57	3 58	7 59	1 32	23 36	1 24	24 23	2 10	20 2	1 8	15 47	1 28	11 55	0 22	2 13	2 0	34 14	12 58	23 4	22 55	18 40		n.a.
W16	16 23	19 3	3 0	8 36	1 25	23 49	1 26	24 23	2 13	20 1	1 8	15 49	1 28	11 54	0 22	2 14	2 0	34 14	12 58	23 5	22 55	18 41		n.a.
T 17	16 42	21 49	1 49	9 13	1 17	24 1	1 27	24 23	2 15	20 1	1 9	15 51	1 28	11 53	0 22	2 15	2 0	34 13	12 58	23 5	22 55	18 43		n.a.
F 18	17 0	23 3	0 33	9 51	1 10	24 12	1 29	24 22	2 18	20 0	1 9	15 53	1 28	11 52	0 22	2 16	2 0	34 13	12 58	23 6	22 56	18 45		n.a.
S 19	17 17	22 43	0s43	10 28	1 3	24 23	1 30	24 21	2 21	20 0	1 9	15 55	1 28	11 51	0 22	2 16	2 0	34 12	12 57	23 6	22 56	18 47		n.a.
S 20	17 35	20 58	1 55	11 5	0 56	24 33	1 32	24 21	2 23	20 0	1 10	15 57	1 28	11 51	0 22	2 17	2 0	34 12	12 57	23 6	22 57	18 49		n.a.
M21	17 52	18 3	2 59	11 43	0 48	24 43	1 33	24 20	2 26	19 59	1 10	15 59	1 28	11 50	0 22	2 18	2 0	34 12	12 57	23 5	22 57	18 50		n.a.
T 22	18 9	14 18	3 51	12 20	0 41	24 51	1 35	24 18	2 28	19 59	1 10	16 1	1 28	11 49	0 22	2 18	2 0	34 11	12 57	23 6	22 57	18 52		n.a.
W23	18 25	9 58	4 30	12 57	0 34	24 59	1 36	24 17	2 30	19 59	1 11	16 3	1 28	11 48	0 22	2 19	2 0	34 11	12 56	23 6	22 58	18 54		n.a.
T 24	18 41	5 17	4 55	13 33	0 26	25 6	1 37	24 15	2 33	19 59	1 11	16 5	1 28	11 47	0 22	2 20	2 0	34 10	12 56	23 6	22 58	18 56		n.a.
F 25	18 57	0 29	5 6	14 9	0 19	25 12	1 38	24 14	2 35	19 59	1 11	16 7	1 28	11 46	0 22	2 20	2 0	34 10	12 56	23 7	22 58	18 57		n.a.
S 26	19 12	4n17	5 3	14 45	0 12	25 18	1 40	24 12	2 37	19 58	1 11	16 9	1 28	11 46	0 22	2 21	2 1	34 10	12 56	23 8	22 59	18 59		n.a.
S 27	19 27	8 50	4 46	15 20	0 5	25 23	1 41	24 10	2 39	19 58	1 12	16 11	1 28	11 45	0 22	2 22	2 1	34 9	12 55	23 9	22 59	19 1		n.a.
M28	19 42	13 1	4 16	15 55	0s 2	25 27	1 42	24 7	2 42	19 59	1 12	16 13	1 28	11 44	0 22	2 22	2 1	34 9	12 55	23 10	22 59	19 3		n.a.
T 29	19 56	16 41	3 36	16 30	0 9	25 30	1 43	24 5	2 44	19 59	1 12	16 15	1 28	11 43	0 21	2 23	2 1	34 8	12 55	23 11	23 0	19 4		n.a.
W30	20s10	19n39	2s46	17s 3	0s16	25s32	1s43	24n 2	2n46	19n59	1n13	16s17	1n28	11n43	0s21	2s24	2n 1	34s 8	12s55	23n12	23n 0	19n 6		n.a.

Julian Day Number = 1296211.5, Delta T = 07h54m36s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'40, Lahiri = -20°01'40 Julian Calendar 1 Nov. 1165 BCE == Greg. Calendar 21 Oct. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1165 BCE
geocentric

DECEMBER 1165 BCE (-1164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 56 56	29♏36'14	22♊17	17♏12	29♐ 8	3°R48	7♌ 5	18♏52	1°R 3	10♎34	25♑ 6	12°R51	14♋41	8♊44	n.a.	T 1
F 2	4 0 52	0♐37'29	4♋ 6	18°44	0♑22	3♊24	7° 5	18°59	1♉ 1	10°36	25° 7	12♋48	14°38	8°51	n.a.	F 2
S 3	4 4 49	1°38'43	15°58	20°16	1°37	3° 0	7°R 5	19° 6	0°59	10°37	25° 8	12°D48	14°35	8°58	n.a.	S 3
S 4	4 8 46	2°39'57	27°57	21°49	2°51	2°35	7° 5	19°13	0°57	10°39	25° 9	12°49	14°31	9° 4	n.a.	S 4
M 5	4 12 42	3°41'11	10♌ 6	23°22	4° 5	2°11	7° 4	19°20	0°55	10°40	25°10	12°51	14°28	9°11	n.a.	M 5
T 6	4 16 39	4°42'25	22°31	24°56	5°19	1°47	7° 4	19°26	0°53	10°42	25°11	12°52	14°25	9°18	n.a.	T 6
W 7	4 20 35	5°43'38	5♍16	26°30	6°32	1°24	7° 3	19°33	0°51	10°43	25°13	12°R53	14°22	9°24	n.a.	W 7
T 8	4 24 32	6°44'50	18°24	28° 5	7°46	1° 0	7° 2	19°40	0°49	10°45	25°14	12°52	14°19	9°31	n.a.	T 8
F 9	4 28 28	7°46'03	2♎ 0	29°40	9° 0	0°37	7° 1	19°47	0°47	10°46	25°15	12°50	14°16	9°38	n.a.	F 9
S 10	4 32 25	8°47'14	16° 5	1♐16	10°14	0°13	7° 0	19°54	0°45	10°48	25°16	12°46	14°12	9°44	n.a.	S 10
S 11	4 36 22	9°48'26	0♏37	2°52	11°28	29♉51	6°58	20° 1	0°43	10°49	25°17	12°41	14° 9	9°51	n.a.	S 11
M12	4 40 18	10°49'36	15°33	4°29	12°42	29°28	6°57	20° 7	0°42	10°50	25°19	12°36	14° 6	9°58	n.a.	M12
T 13	4 44 15	11°50'47	0♐44	6° 6	13°55	29° 6	6°55	20°14	0°40	10°52	25°20	12°32	14° 3	10° 4	n.a.	T 13
W14	4 48 11	12°51'56	16° 1	7°44	15° 9	28°45	6°53	20°21	0°38	10°53	25°21	12°28	14° 0	10°11	n.a.	W14
T 15	4 52 8	13°53'04	1♑13	9°23	16°23	28°23	6°50	20°27	0°37	10°54	25°22	12°27	13°57	10°18	n.a.	T 15
F 16	4 56 4	14°54'12	16°10	11° 2	17°36	28° 3	6°48	20°34	0°35	10°56	25°24	12°D26	13°53	10°24	n.a.	F 16
S 17	5 0 1	15°55'18	0♒46	12°42	18°50	27°43	6°45	20°41	0°33	10°57	25°25	12°27	13°50	10°31	n.a.	S 17
S 18	5 3 57	16°56'23	14°56	14°22	20° 3	27°24	6°42	20°47	0°32	10°58	25°26	12°29	13°47	10°38	n.a.	S 18
M19	5 7 54	17°57'26	28°39	16° 3	21°17	27° 5	6°39	20°54	0°30	10°59	25°28	12°30	13°44	10°45	n.a.	M19
T 20	5 11 51	18°58'28	11♓56	17°45	22°30	26°47	6°36	21° 0	0°29	11° 0	25°29	12°31	13°41	10°51	n.a.	T 20
W21	5 15 47	19°59'29	24°49	19°27	23°43	26°29	6°33	21° 7	0°27	11° 1	25°30	12°R31	13°37	10°58	n.a.	W21
T 22	5 19 44	21° 0'28	7♈23	21°10	24°57	26°12	6°29	21°13	0°26	11° 2	25°32	12°30	13°34	11° 5	n.a.	T 22
F 23	5 23 40	22° 1'25	19°41	22°53	26°10	25°56	6°26	21°19	0°25	11° 3	25°33	12°28	13°31	11°11	n.a.	F 23
S 24	5 27 37	23° 2'22	1♉47	24°38	27°23	25°41	6°22	21°26	0°23	11° 4	25°35	12°25	13°28	11°18	n.a.	S 24
S 25	5 31 33	24° 3'16	13°44	26°22	28°36	25°26	6°18	21°32	0°22	11° 5	25°36	12°22	13°25	11°25	n.a.	S 25
M26	5 35 30	25° 4'09	25°36	28° 8	29°49	25°13	6°13	21°38	0°21	11° 6	25°37	12°19	13°22	11°31	n.a.	M26
T 27	5 39 27	26° 5'01	7♊25	29°54	1♒ 2	25° 0	6° 9	21°44	0°20	11° 7	25°39	12°17	13°18	11°38	n.a.	T 27
W28	5 43 23	27° 5'52	19°14	1♑41	2°15	24°47	6° 4	21°51	0°19	11° 8	25°40	12°15	13°15	11°45	n.a.	W28
T 29	5 47 20	28° 6'41	1♋ 5	3°28	3°28	24°36	6° 0	21°57	0°18	11° 9	25°42	12°14	13°12	11°51	n.a.	T 29
F 30	5 51 16	29° 7'28	12°59	5°16	4°40	24°25	5°55	22° 3	0°17	11°10	25°43	12°D13	13° 9	11°58	n.a.	F 30
S 31	5 55 13	0♑ 8'14	25♋ 0	7♑ 4	5♒53	24♉15	5♌50	22♏ 9	0♉16	11♎11	25♑45	12♋14	13♋ 6	12♊ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s24	21n47	1s49	17s36	0s23	25s34	1s44	24n 0	2n48	19n59	1n13	16s19	1n27	11n42	0s21	2s24	2n 1	34s 7	12s54	23n12	23n 1	19n 8			n.a.
F 2	20 37	22 59	0 47	18 9	0 29	25 35	1 45	23 57	2 49	19 59	1 13	16 21	1 27	11 41	0 21	2 25	2 1	34 7	12 54	23 12	23 1	19 10			n.a.
S 3	20 50	23 9	0n17	18 41	0 36	25 35	1 45	23 54	2 51	19 59	1 14	16 23	1 27	11 40	0 21	2 25	2 1	34 7	12 54	23 12	23 1	19 11			n.a.
S 4	21 2	22 15	1 22	19 12	0 42	25 34	1 46	23 51	2 53	20 0	1 14	16 25	1 27	11 40	0 21	2 26	2 1	34 6	12 54	23 12	23 2	19 13			n.a.
M 5	21 14	20 18	2 23	19 42	0 48	25 32	1 46	23 47	2 55	20 0	1 14	16 27	1 27	11 39	0 21	2 26	2 1	34 6	12 54	23 12	23 2	19 15			n.a.
T 6	21 26	17 22	3 20	20 11	0 54	25 30	1 47	23 44	2 56	20 1	1 15	16 29	1 27	11 38	0 21	2 27	2 1	34 5	12 53	23 12	23 2	19 17			n.a.
W 7	21 37	13 34	4 8	20 40	1 0	25 27	1 47	23 40	2 58	20 1	1 15	16 31	1 27	11 38	0 21	2 28	2 1	34 5	12 53	23 12	23 3	19 18			n.a.
T 8	21 48	9 0	4 44	21 7	1 5	25 23	1 47	23 37	2 59	20 2	1 15	16 32	1 27	11 37	0 21	2 28	2 1	34 4	12 53	23 12	23 3	19 20			n.a.
F 9	21 58	3 52	5 7	21 34	1 11	25 19	1 48	23 33	3 0	20 2	1 15	16 34	1 27	11 36	0 21	2 29	2 1	34 4	12 53	23 12	23 3	19 22			n.a.
S 10	22 8	1s38	5 12	21 59	1 16	25 13	1 48	23 29	3 2	20 3	1 16	16 36	1 27	11 36	0 21	2 29	2 1	34 4	12 53	23 12	23 4	19 24			n.a.
S 11	22 17	7 15	4 57	22 24	1 21	25 7	1 48	23 25	3 3	20 3	1 16	16 38	1 27	11 35	0 21	2 30	2 1	34 3	12 52	23 13	23 4	19 25			n.a.
M12	22 26	12 35	4 23	22 47	1 26	25 0	1 48	23 21	3 4	20 4	1 16	16 40	1 27	11 34	0 21	2 30	2 1	34 3	12 52	23 13	23 4	19 27			n.a.
T 13	22 35	17 14	3 29	23 10	1 30	24 52	1 47	23 17	3 5	20 5	1 17	16 42	1 27	11 34	0 21	2 31	2 1	34 2	12 52	23 14	23 5	19 29			n.a.
W14	22 43	20 46	2 20	23 31	1 34	24 44	1 47	23 13	3 6	20 6	1 17	16 43	1 27	11 33	0 21	2 31	2 2	34 2	12 52	23 14	23 5	19 30			n.a.
T 15	22 50	22 48	1 1	23 51	1 38	24 35	1 47	23 9	3 7	20 7	1 17	16 45	1 27	11 33	0 21	2 32	2 2	34 1	12 52	23 14	23 5	19 32			n.a.
F 16	22 58	23 10	0s21	24 9	1 42	24 25	1 46	23 5	3 7	20 8	1 18	16 47	1 27	11 32	0 21	2 32	2 2	34 1	12 52	23 14	23 6	19 34			n.a.
S 17	23 4	21 56	1 39	24 26	1 46	24 14	1 46	23 1	3 8	20 9	1 18	16 49	1 27	11 31	0 21	2 32	2 2	34 1	12 51	23 14	23 6	19 35			n.a.
S 18	23 11	19 19	2 49	24 42	1 49	24 2	1 45	22 57	3 9	20 10	1 18	16 51	1 27	11 31	0 21	2 33	2 2	34 0	12 51	23 14	23 6	19 37			n.a.
M19	23 17	15 41	3 48	24 56	1 51	23 50	1 45	22 54	3 9	20 11	1 18	16 52	1 27	11 30	0 21	2 33	2 2	34 0	12 51	23 14	23 7	19 39			n.a.
T 20	23 22	11 22	4 32	25 9	1 54	23 38	1 44	22 50	3 10	20 12	1 19	16 54	1 27	11 30	0 21	2 34	2 2	33 59	12 51	23 14	23 7	19 40			n.a.
W21	23 27	6 40	5 0	25 20	1 56	23 24	1 43	22 46	3 10	20 13	1 19	16 56	1 27	11 29	0 21	2 34	2 2	33 59	12 51	23 14	23 7	19 42			n.a.
T 22	23 31	1 49	5 14	25 29	1 58	23 10	1 42	22 42	3 10	20 14	1 19	16 57	1 27	11 29	0 21	2 34	2 2	33 58	12 51	23 14	23 8	19 44			n.a.
F 23	23 35	3n 0	5 13	25 37	1 59	22 55	1 41	22 38	3 11	20 15	1 20	16 59	1 27	11 29	0 21	2 35	2 2	33 58	12 50	23 14	23 8	19 45			n.a.
S 24	23 39	7 38	4 58	25 43	2 0	22 40	1 40	22 35	3 11	20 17	1 20	17 1	1 27	11 28	0 21	2 35	2 2	33 58	12 50	23 14	23 8	19 47			n.a.
S 25	23 42	11 56	4 30	25 47	2 0	22 23	1 39	22 31	3 11	20 18	1 20	17 2	1 27	11 28	0 21	2 35	2 2	33 57	12 50	23 15	23 9	19 49			n.a.
M26	23 44	15 45	3 50	25 50	2 0	22 7	1 38	22 28	3 11	20 19	1 20	17 4	1 27	11 27	0 21	2 36	2 2	33 57	12 50	23 15	23 9	19 50			n.a.
T 27	23 46	18 56	3 1	25 50	2 0	21 49	1 36	22 25	3 11	20 21	1 21	17 6	1 27	11 27	0 21	2 36	2 2	33 56	12 50	23 15	23 9	19 52			n.a.
W28	23 48	21 20	2 4	25 48	1 59	21 31	1 35	22 22	3 11	20 22	1 21	17 7	1 27	11 27	0 21	2 36	2 2	33 56	12 50	23 15	23 10	19 54			n.a.
T 29	23 49	22 48	1 1	25 45	1 57	21 13	1 33	22 19	3 11	20 24	1 21	17 9	1 27	11 26	0 21	2 36	2 2	33 56	12 50	23 16	23 10	19 55			n.a.
F 30	23 50	23 15	0n 4	25 39	1 55	20 53	1 32	22 16	3 11	20 25	1 21	17 10	1 27	11 26	0 21	2 37	2 3	33 55	12 50	23 16	23 10	19 57			n.a.
S 31	23s50	22n38	1n10	25s31	1s53	20s34	1s30	22n13	3n11	20n27	1n22	17s12	1n27	11n26	0s21	2s37	2n 3	33s55	12s50	23n16	23n11	19n59			n.a.

Julian Day Number = 1296241.5, Delta T = 07h54m34s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'36, Lahiri = -20°01'36 Julian Calendar 1 Dec. 1165 BCE == Greg. Calendar 20 Nov. 1165 BCE

The year -1164 astronomical counting style corresponds to year 1165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

JANUARY 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 9	1♉ 8'59	7♌ 8	8♉52	7♒ 6	24°R 6	5°R44	22♏15	0°R15	11♎11	25♉46	12♋14	13♋ 3	12♊11	n.a.	S 1
M 2	6 3 6	2° 9'42	19°27	10°41	8°18	23♉58	5♌39	22°21	0♉14	11°12	25°48	12°16	12°59	12°18	n.a.	M 2
T 3	6 7 2	3°10'24	1♍59	12°30	9°31	23°50	5°34	22°27	0°13	11°13	25°49	12°16	12°56	12°25	n.a.	T 3
W 4	6 10 59	4°11'05	14°47	14°18	10°43	23°43	5°28	22°33	0°12	11°13	25°51	12°17	12°53	12°31	n.a.	W 4
T 5	6 14 56	5°11'44	27°54	16° 7	11°55	23°37	5°22	22°38	0°12	11°14	25°52	12°18	12°50	12°38	n.a.	T 5
F 6	6 18 52	6°12'22	11♎23	17°54	13° 8	23°32	5°16	22°44	0°11	11°14	25°54	12°R18	12°47	12°45	n.a.	F 6
S 7	6 22 49	7°12'58	25°15	19°41	14°20	23°28	5°10	22°50	0°10	11°15	25°56	12°17	12°43	12°51	n.a.	S 7
S 8	6 26 45	8°13'33	9♏30	21°27	15°32	23°24	5° 4	22°55	0°10	11°16	25°57	12°17	12°40	12°58	n.a.	S 8
M 9	6 30 42	9°14'07	24° 6	23°12	16°44	23°22	4°58	23° 1	0° 9	11°16	25°59	12°17	12°37	13° 5	n.a.	M 9
T 10	6 34 38	10°14'39	8♐59	24°54	17°56	23°20	4°51	23° 7	0° 9	11°16	26° 0	12°16	12°34	13°11	n.a.	T 10
W11	6 38 35	11°15'10	24° 2	26°34	19° 7	23°18	4°45	23°12	0° 9	11°17	26° 2	12°16	12°31	13°18	n.a.	W11
T 12	6 42 31	12°15'39	9♑ 6	28°12	20°19	23°D18	4°38	23°17	0° 8	11°17	26° 3	12°16	12°28	13°25	n.a.	T 12
F 13	6 46 28	13°16'06	24° 3	29°46	21°31	23°18	4°31	23°23	0° 8	11°18	26° 5	12°16	12°24	13°31	n.a.	F 13
S 14	6 50 25	14°16'32	8♒44	1♒16	22°42	23°19	4°24	23°28	0° 8	11°18	26° 7	12°16	12°21	13°38	n.a.	S 14
S 15	6 54 21	15°16'55	23° 3	2°41	23°54	23°21	4°17	23°33	0° 8	11°18	26° 8	12°16	12°18	13°45	n.a.	S 15
M16	6 58 18	16°17'16	6♓57	4° 1	25° 5	23°23	4°10	23°38	0° 7	11°18	26°10	12°15	12°15	13°51	n.a.	M16
T 17	7 2 14	17°17'35	20°24	5°16	26°16	23°27	4° 3	23°44	0° 7	11°19	26°12	12°15	12°12	13°58	n.a.	T 17
W18	7 6 11	18°17'52	3♈25	6°23	27°27	23°30	3°56	23°49	0°D 7	11°19	26°13	12°15	12° 9	14° 5	n.a.	W18
T 19	7 10 7	19°18'07	16° 3	7°24	28°38	23°35	3°48	23°54	0° 7	11°19	26°15	12°D14	12° 5	14°11	n.a.	T 19
F 20	7 14 4	20°18'19	28°23	8°17	29°49	23°40	3°41	23°58	0° 8	11°19	26°16	12°14	12° 2	14°18	n.a.	F 20
S 21	7 18 0	21°18'29	10♉27	9° 2	1♓ 0	23°46	3°34	24° 3	0° 8	11°19	26°18	12°15	11°59	14°24	n.a.	S 21
S 22	7 21 57	22°18'37	22°22	9°38	2°10	23°53	3°26	24° 8	0° 8	11°R19	26°20	12°16	11°56	14°31	n.a.	S 22
M23	7 25 54	23°18'43	4♊11	10° 5	3°21	24° 0	3°19	24°13	0° 8	11°19	26°21	12°17	11°53	14°38	n.a.	M23
T 24	7 29 50	24°18'47	15°59	10°23	4°31	24° 8	3°11	24°17	0° 8	11°19	26°23	12°18	11°49	14°44	n.a.	T 24
W25	7 33 47	25°18'48	27°49	10°R31	5°42	24°16	3° 3	24°22	0° 9	11°19	26°25	12°19	11°46	14°51	n.a.	W25
T 26	7 37 43	26°18'47	9♋44	10°30	6°52	24°25	2°56	24°26	0° 9	11°19	26°26	12°R19	11°43	14°58	n.a.	T 26
F 27	7 41 40	27°18'44	21°47	10°20	8° 2	24°35	2°48	24°31	0°10	11°19	26°28	12°19	11°40	15° 4	n.a.	F 27
S 28	7 45 36	28°18'39	4♌ 0	10° 1	9°12	24°45	2°40	24°35	0°10	11°19	26°30	12°18	11°37	15°11	n.a.	S 28
S 29	7 49 33	29°18'32	16°23	9°34	10°21	24°56	2°32	24°39	0°11	11°18	26°31	12°16	11°34	15°18	n.a.	S 29
M30	7 53 29	0♒18'23	28°59	9° 0	11°31	25° 7	2°25	24°44	0°11	11°18	26°33	12°14	11°30	15°24	n.a.	M30
T 31	7 57 26	1♒18'12	11♍48	8♒18	12♓40	25♉19	2♌17	24♏48	0♉12	11♎18	26♉34	12♋11	11♋27	15♊31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s50	20n57	2n14	25s21	1s50	20s13	1s28	22n10	3n10	20n28	1n22	17s14	1n27	11n25	0s21	2s37	2n 3	33s54	12s49	23n15	23n11	20n 0			n.a.
M 2	23 49	18 16	3 12	25 9	1 46	19 53	1 26	22 8	3 10	20 30	1 22	17 15	1 27	11 25	0 21	2 37	2 3	33 54	12 49	23 15	23 11	20 2			n.a.
T 3	23 48	14 42	4 3	24 55	1 41	19 31	1 25	22 6	3 10	20 31	1 23	17 17	1 27	11 25	0 21	2 38	2 3	33 54	12 49	23 15	23 12	20 3			n.a.
W 4	23 46	10 25	4 42	24 38	1 36	19 9	1 23	22 4	3 9	20 33	1 23	17 18	1 27	11 24	0 21	2 38	2 3	33 53	12 49	23 15	23 12	20 5			n.a.
T 5	23 44	5 32	5 8	24 20	1 30	18 47	1 20	22 2	3 9	20 35	1 23	17 19	1 27	11 24	0 21	2 38	2 3	33 53	12 49	23 15	23 12	20 7			n.a.
F 6	23 41	0 17	5 18	23 59	1 23	18 24	1 18	22 0	3 8	20 36	1 23	17 21	1 28	11 24	0 21	2 38	2 3	33 52	12 49	23 15	23 12	20 8			n.a.
S 7	23 38	5s 7	5 10	23 37	1 16	18 1	1 16	21 58	3 8	20 38	1 23	17 22	1 28	11 24	0 21	2 38	2 3	33 52	12 49	23 15	23 13	20 10			n.a.
S 8	23 34	10 26	4 43	23 12	1 8	17 37	1 14	21 57	3 7	20 40	1 24	17 24	1 28	11 24	0 21	2 38	2 3	33 52	12 49	23 15	23 13	20 12			n.a.
M 9	23 30	15 17	3 57	22 46	0 59	17 13	1 11	21 56	3 7	20 42	1 24	17 25	1 28	11 24	0 21	2 39	2 3	33 51	12 49	23 15	23 13	20 13			n.a.
T 10	23 26	19 17	2 55	22 18	0 49	16 48	1 9	21 55	3 6	20 43	1 24	17 27	1 28	11 23	0 21	2 39	2 3	33 51	12 49	23 15	23 14	20 15			n.a.
W11	23 21	22 2	1 40	21 49	0 39	16 23	1 6	21 54	3 6	20 45	1 24	17 28	1 28	11 23	0 20	2 39	2 3	33 50	12 49	23 15	23 14	20 16			n.a.
T 12	23 15	23 13	0 18	21 18	0 27	15 57	1 3	21 53	3 5	20 47	1 25	17 29	1 28	11 23	0 20	2 39	2 3	33 50	12 49	23 15	23 14	20 18			n.a.
F 13	23 10	22 43	1s 5	20 47	0 15	15 31	1 1	21 52	3 4	20 49	1 25	17 31	1 28	11 23	0 20	2 39	2 3	33 50	12 49	23 15	23 15	20 20			n.a.
S 14	23 3	20 39	2 22	20 15	0 2	15 5	0 58	21 52	3 4	20 51	1 25	17 32	1 28	11 23	0 20	2 39	2 4	33 49	12 49	23 15	23 15	20 21			n.a.
S 15	22 56	17 19	3 28	19 42	0n11	14 38	0 55	21 52	3 3	20 53	1 25	17 33	1 28	11 23	0 20	2 39	2 4	33 49	12 49	23 15	23 15	20 23			n.a.
M16	22 49	13 6	4 20	19 10	0 25	14 11	0 52	21 52	3 2	20 55	1 25	17 34	1 28	11 23	0 20	2 39	2 4	33 49	12 49	23 15	23 15	20 24			n.a.
T 17	22 42	8 22	4 55	18 37	0 40	13 44	0 49	21 52	3 2	20 57	1 26	17 36	1 28	11 23	0 20	2 39	2 4	33 48	12 49	23 15	23 16	20 26			n.a.
W18	22 34	3 24	5 14	18 6	0 55	13 16	0 46	21 52	3 1	20 59	1 26	17 37	1 28	11 23	0 20	2 39	2 4	33 48	12 49	23 16	23 16	20 27			n.a.
T 19	22 25	1n33	5 17	17 35	1 10	12 48	0 43	21 53	3 0	21 0	1 26	17 38	1 28	11 23	0 20	2 39	2 4	33 48	12 49	23 16	23 16	20 29			n.a.
F 20	22 16	6 19	5 5	17 6	1 26	12 20	0 39	21 53	2 59	21 2	1 26	17 39	1 28	11 23	0 20	2 39	2 4	33 47	12 49	23 16	23 17	20 30			n.a.
S 21	22 7	10 46	4 40	16 39	1 42	11 52	0 36	21 54	2 59	21 4	1 26	17 40	1 28	11 23	0 20	2 39	2 4	33 47	12 49	23 15	23 17	20 32			n.a.
S 22	21 57	14 45	4 3	16 15	1 58	11 23	0 33	21 55	2 58	21 6	1 26	17 41	1 28	11 23	0 20	2 39	2 4	33 47	12 49	23 15	23 17	20 34			n.a.
M23	21 47	18 7	3 16	15 52	2 13	10 54	0 29	21 56	2 57	21 8	1 27	17 43	1 28	11 23	0 20	2 39	2 4	33 46	12 49	23 15	23 18	20 35			n.a.
T 24	21 36	20 45	2 21	15 33	2 28	10 25	0 26	21 57	2 56	21 10	1 27	17 44	1 28	11 24	0 20	2 39	2 4	33 46	12 49	23 15	23 18	20 37			n.a.
W25	21 25	22 29	1 20	15 17	2 43	9 55	0 22	21 58	2 55	21 12	1 27	17 45	1 28	11 24	0 20	2 39	2 4	33 46	12 49	23 15	23 18	20 38			n.a.
T 26	21 14	23 14	0 14	15 4	2 56	9 25	0 19	22 0	2 54	21 14	1 27	17 46	1 28	11 24	0 20	2 39	2 4	33 45	12 49	23 15	23 18	20 40			n.a.
F 27	21 2	22 54	0n52	14 55	3 9	8 55	0 15	22 2	2 54	21 16	1 27	17 47	1 29	11 24	0 20	2 39	2 4	33 45	12 49	23 15	23 19	20 41			n.a.
S 28	20 50	21 28	1 57	14 49	3 20	8 25	0 11	22 3	2 53	21 18	1 27	17 48	1 29	11 24	0 20	2 38	2 5	33 45	12 49	23 15	23 19	20 43			n.a.
S 29	20 38	19 0	2 58	14 46	3 30	7 55	0 7	22 5	2 52	21 20	1 27	17 49	1 29	11 25	0 20	2 38	2 5	33 44	12 49	23 15	23 19	20 44			n.a.
M30	20 25	15 36	3 50	14 48	3 39	7 25	0 3	22 7	2 51	21 22	1 27	17 50	1 29	11 25	0 20	2 38	2 5	33 44	12 49	23 16	23 19	20 46			n.a.
T 31	20s12	11n26	4n32	14s52	3n45	6s54	0n 1	22n 9	2n50	21n24	1n27	17s51	1n29	11n25	0s20	2s38	2n 5	33s44	12s49	23n16	23n20	20n47			n.a.

Julian Day Number = 1296272.5, Delta T = 07h54m33s
Ecliptic obliquity = 23°49'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'32, Lahiri = -20°01'32 Julian Calendar 1 Jan. 1164 BCE == Greg. Calendar 21 Dec. 1165 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

FEBRUARY 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 1 23	2♒17'59	24♍51	7°R31	13♓50	25♉31	2°R 9	24♏52	0♉13	11°R18	26♑36	12°R 8	11♋24	15♊38	n.a.	W 1
T 2	8 5 19	3°17'44	8♎ 8	6♒39	14°59	25°44	2♌ 1	24°56	0°14	11♎17	26°38	12♋ 6	11°21	15°44	n.a.	T 2
F 3	8 9 16	4°17'27	21°40	5°44	16° 8	25°58	1°53	24°59	0°14	11°17	26°39	12° 4	11°18	15°51	n.a.	F 3
S 4	8 13 12	5°17'08	5♏27	4°48	17°16	26°11	1°45	25° 3	0°15	11°16	26°41	12°D 4	11°15	15°58	n.a.	S 4
S 5	8 17 9	6°16'47	19°30	3°50	18°25	26°26	1°38	25° 7	0°16	11°16	26°43	12° 4	11°11	16° 4	n.a.	S 5
M 6	8 21 5	7°16'25	3♐47	2°53	19°34	26°41	1°30	25°11	0°17	11°16	26°44	12° 5	11° 8	16°11	n.a.	M 6
T 7	8 25 2	8°16'01	18°16	1°58	20°42	26°56	1°22	25°14	0°18	11°15	26°46	12° 7	11° 5	16°18	n.a.	T 7
W 8	8 28 58	9°15'35	2♑54	1° 5	21°50	27°12	1°14	25°18	0°19	11°15	26°47	12° 8	11° 2	16°24	n.a.	W 8
T 9	8 32 55	10°15'07	17°35	0°16	22°58	27°28	1° 7	25°21	0°20	11°14	26°49	12°R 8	10°59	16°31	n.a.	T 9
F 10	8 36 51	11°14'37	2♒14	29♑32	24° 6	27°45	0°59	25°24	0°22	11°13	26°51	12° 7	10°55	16°38	n.a.	F 10
S 11	8 40 48	12°14'05	16°43	28°52	25°13	28° 2	0°52	25°27	0°23	11°13	26°52	12° 4	10°52	16°44	n.a.	S 11
S 12	8 44 45	13°13'30	0♓57	28°18	26°21	28°19	0°44	25°30	0°24	11°12	26°54	12° 0	10°49	16°51	n.a.	S 12
M13	8 48 41	14°12'53	14°50	27°50	27°28	28°37	0°37	25°33	0°26	11°12	26°55	11°55	10°46	16°58	n.a.	M13
T 14	8 52 38	15°12'14	28°20	27°28	28°35	28°56	0°29	25°36	0°27	11°11	26°57	11°50	10°43	17° 4	n.a.	T 14
W15	8 56 34	16°11'32	11♈26	27°11	29°42	29°14	0°22	25°39	0°28	11°10	26°59	11°45	10°40	17°11	n.a.	W15
T 16	9 0 31	17°10'48	24° 8	27° 1	0♈48	29°33	0°15	25°42	0°30	11° 9	27° 0	11°41	10°36	17°18	n.a.	T 16
F 17	9 4 27	18°10'01	6♉31	26°D56	1°55	29°53	0° 8	25°45	0°31	11° 9	27° 2	11°39	10°33	17°24	n.a.	F 17
S 18	9 8 24	19° 9'12	18°38	26°58	3° 1	0♊13	0° 0	25°47	0°33	11° 8	27° 3	11°D38	10°30	17°31	n.a.	S 18
S 19	9 12 20	20° 8'21	0♊33	27° 4	4° 7	0°33	29♋53	25°50	0°35	11° 7	27° 5	11°38	10°27	17°38	n.a.	S 19
M20	9 16 17	21° 7'27	12°22	27°16	5°13	0°53	29°47	25°52	0°36	11° 6	27° 6	11°40	10°24	17°44	n.a.	M20
T 21	9 20 13	22° 6'31	24°11	27°34	6°18	1°14	29°40	25°54	0°38	11° 5	27° 8	11°41	10°21	17°51	n.a.	T 21
W22	9 24 10	23° 5'32	6♋ 3	27°56	7°23	1°36	29°33	25°57	0°40	11° 4	27° 9	11°R43	10°17	17°58	n.a.	W22
T 23	9 28 7	24° 4'31	18° 3	28°23	8°28	1°57	29°27	25°59	0°42	11° 3	27°11	11°43	10°14	18° 4	n.a.	T 23
F 24	9 32 3	25° 3'28	0♌14	28°54	9°33	2°19	29°20	26° 1	0°43	11° 2	27°12	11°41	10°11	18°11	n.a.	F 24
S 25	9 36 0	26° 2'22	12°40	29°29	10°37	2°41	29°14	26° 3	0°45	11° 1	27°14	11°37	10° 8	18°18	n.a.	S 25
S 26	9 39 56	27° 1'14	25°21	0♒ 9	11°41	3° 4	29° 8	26° 5	0°47	11° 0	27°15	11°31	10° 5	18°24	n.a.	S 26
M27	9 43 53	28° 0'04	8♍18	0°52	12°45	3°26	29° 1	26° 6	0°49	10°59	27°17	11°24	10° 1	18°31	n.a.	M27
T 28	9 47 49	28♒58'52	21♍30	1♒39	13♈49	3♊49	28♋55	26♏ 8	0♉51	10♎58	27♑18	11♋16	9♋58	18♊38	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s58	6n40	5n 1	14s59	3n50	6s24	0n 5	22n12	2n49	21n26	1n28	17s52	1n29	11n25	0s20	2s38	2n 5	33s43	12s49	23n16	23n20	20n49		n.a.
T 2	19 44	1 32	5 14	15 10	3 53	5 53	0 9	22 14	2 48	21 27	1 28	17 52	1 29	11 26	0 20	2 38	2 5	33 43	12 49	23 16	23 20	20 50		n.a.
F 3	19 30	3s47	5 11	15 23	3 53	5 22	0 13	22 16	2 48	21 29	1 28	17 53	1 29	11 26	0 20	2 37	2 5	33 43	12 49	23 16	23 21	20 52		n.a.
S 4	19 15	9 1	4 49	15 38	3 52	4 51	0 17	22 19	2 47	21 31	1 28	17 54	1 29	11 26	0 20	2 37	2 5	33 43	12 49	23 17	23 21	20 53		n.a.
S 5	19 1	13 53	4 11	15 55	3 48	4 20	0 21	22 22	2 46	21 33	1 28	17 55	1 29	11 27	0 20	2 37	2 5	33 42	12 49	23 16	23 21	20 55		n.a.
M 6	18 45	18 3	3 16	16 13	3 43	3 49	0 25	22 24	2 45	21 35	1 28	17 56	1 29	11 27	0 20	2 37	2 5	33 42	12 49	23 16	23 21	20 56		n.a.
T 7	18 30	21 11	2 8	16 32	3 36	3 18	0 29	22 27	2 44	21 37	1 28	17 57	1 29	11 27	0 20	2 36	2 5	33 42	12 49	23 16	23 22	20 58		n.a.
W 8	18 14	22 57	0 51	16 52	3 28	2 46	0 34	22 30	2 43	21 38	1 28	17 57	1 29	11 28	0 20	2 36	2 5	33 42	12 50	23 16	23 22	20 59		n.a.
T 9	17 58	23 9	0s30	17 13	3 18	2 15	0 38	22 33	2 42	21 40	1 28	17 58	1 29	11 28	0 20	2 36	2 5	33 41	12 50	23 16	23 22	21 1		n.a.
F 10	17 41	21 44	1 48	17 33	3 6	1 44	0 43	22 36	2 42	21 42	1 28	17 59	1 30	11 29	0 20	2 36	2 5	33 41	12 50	23 16	23 22	21 2		n.a.
S 11	17 24	18 55	2 58	17 53	2 54	1 13	0 47	22 39	2 41	21 44	1 28	18 0	1 30	11 29	0 20	2 35	2 5	33 41	12 50	23 16	23 23	21 4		n.a.
S 12	17 7	14 59	3 56	18 13	2 41	0 42	0 51	22 42	2 40	21 45	1 28	18 0	1 30	11 30	0 20	2 35	2 6	33 41	12 50	23 17	23 23	21 5		n.a.
M13	16 50	10 20	4 38	18 32	2 28	0 10	0 56	22 46	2 39	21 47	1 28	18 1	1 30	11 30	0 20	2 35	2 6	33 40	12 50	23 17	23 23	21 7		n.a.
T 14	16 32	5 18	5 4	18 50	2 14	0n21	1 0	22 49	2 38	21 49	1 28	18 1	1 30	11 31	0 20	2 34	2 6	33 40	12 50	23 18	23 24	21 8		n.a.
W15	16 15	0 11	5 12	19 7	1 59	0 52	1 5	22 52	2 37	21 50	1 28	18 2	1 30	11 31	0 20	2 34	2 6	33 40	12 50	23 18	23 24	21 10		n.a.
T 16	15 56	4n48	5 5	19 23	1 45	1 23	1 9	22 56	2 36	21 52	1 28	18 3	1 30	11 32	0 20	2 34	2 6	33 40	12 50	23 19	23 24	21 11		n.a.
F 17	15 38	9 27	4 43	19 38	1 30	1 54	1 14	22 59	2 35	21 54	1 28	18 3	1 30	11 32	0 20	2 33	2 6	33 40	12 51	23 19	23 24	21 12		n.a.
S 18	15 19	13 39	4 10	19 52	1 16	2 25	1 19	23 3	2 35	21 55	1 28	18 4	1 30	11 33	0 19	2 33	2 6	33 39	12 51	23 19	23 25	21 14		n.a.
S 19	15 1	17 15	3 26	20 5	1 2	2 56	1 23	23 6	2 34	21 57	1 28	18 4	1 30	11 33	0 19	2 32	2 6	33 39	12 51	23 19	23 25	21 15		n.a.
M20	14 41	20 7	2 33	20 16	0 48	3 27	1 28	23 10	2 33	21 58	1 28	18 5	1 30	11 34	0 19	2 32	2 6	33 39	12 51	23 19	23 25	21 17		n.a.
T 21	14 22	22 8	1 34	20 26	0 34	3 57	1 32	23 13	2 32	21 59	1 28	18 5	1 30	11 35	0 19	2 32	2 6	33 39	12 51	23 19	23 25	21 18		n.a.
W22	14 3	23 11	0 31	20 34	0 21	4 28	1 37	23 17	2 31	22 1	1 28	18 6	1 30	11 35	0 19	2 31	2 6	33 39	12 51	23 18	23 26	21 20		n.a.
T 23	13 43	23 10	0n34	20 42	0 8	4 58	1 42	23 21	2 30	22 2	1 28	18 6	1 31	11 36	0 19	2 31	2 6	33 39	12 52	23 18	23 26	21 21		n.a.
F 24	13 23	22 2	1 39	20 47	0s 4	5 28	1 46	23 24	2 30	22 4	1 28	18 6	1 31	11 37	0 19	2 30	2 6	33 38	12 52	23 19	23 26	21 22		n.a.
S 25	13 3	19 50	2 40	20 52	0 16	5 58	1 51	23 28	2 29	22 5	1 28	18 7	1 31	11 37	0 19	2 30	2 6	33 38	12 52	23 19	23 26	21 24		n.a.
S 26	12 42	16 38	3 34	20 54	0 28	6 28	1 56	23 32	2 28	22 6	1 28	18 7	1 31	11 38	0 19	2 29	2 6	33 38	12 52	23 19	23 27	21 25		n.a.
M27	12 22	12 34	4 18	20 56	0 39	6 58	2 0	23 36	2 27	22 7	1 28	18 8	1 31	11 39	0 19	2 29	2 6	33 38	12 52	23 20	23 27	21 27		n.a.
T 28	12s 1	7n51	4n49	20s56	0s50	7n27	2n 5	23n39	2n26	22n 9	1n28	18s 8	1n31	11n40	0s19	2s29	2n 6	33s38	12s53	23n21	23n27	21n28		n.a.

Julian Day Number = 1296303.5, Delta T = 07h54m31s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'28, Lahiri = -20°01'27 Julian Calendar 1 Feb. 1164 BCE == Greg. Calendar 21 Jan. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

MARCH 1164 BCE (-1163) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 51 46	29♒57'38	4♎55	2♒29	14♈52	4♊13	28°R50	26♏10	0♉53	10°R57	27♑19	11°R 7	9♋55	18♊44	n.a.	W 1
T 2	9 55 42	0♓56'21	18°33	3°22	15°55	4°36	28♋44	26°11	0°55	10♎56	27°21	11♋ 0	9°52	18°51	n.a.	T 2
F 3	9 59 39	1°55'03	2♏20	4°18	16°57	5° 0	28°38	26°12	0°58	10°55	27°22	10°55	9°49	18°58	n.a.	F 3
S 4	10 3 36	2°53'43	16°15	5°17	18° 0	5°24	28°33	26°14	1° 0	10°54	27°24	10°51	9°46	19° 4	n.a.	S 4
S 5	10 7 32	3°52'22	0♐17	6°20	19° 2	5°49	28°28	26°15	1° 2	10°52	27°25	10°D50	9°42	19°11	n.a.	S 5
M 6	10 11 29	4°50'58	14°25	7°24	20° 3	6°13	28°22	26°16	1° 4	10°51	27°26	10°50	9°39	19°17	n.a.	M 6
T 7	10 15 25	5°49'33	28°37	8°31	21° 5	6°38	28°17	26°17	1° 7	10°50	27°28	10°51	9°36	19°24	n.a.	T 7
W 8	10 19 22	6°48'06	12♑51	9°41	22° 5	7° 3	28°13	26°18	1° 9	10°49	27°29	10°R52	9°33	19°31	n.a.	W 8
T 9	10 23 18	7°46'37	27° 6	10°53	23° 6	7°29	28° 8	26°19	1°11	10°47	27°30	10°50	9°30	19°37	n.a.	T 9
F 10	10 27 15	8°45'07	11♒19	12° 7	24° 6	7°54	28° 3	26°19	1°14	10°46	27°32	10°47	9°26	19°44	n.a.	F 10
S 11	10 31 11	9°43'34	25°24	13°24	25° 6	8°20	27°59	26°20	1°16	10°45	27°33	10°41	9°23	19°51	n.a.	S 11
S 12	10 35 8	10°42'00	9♓19	14°42	26° 5	8°46	27°55	26°20	1°19	10°43	27°34	10°33	9°20	19°57	n.a.	S 12
M13	10 39 4	11°40'23	22°59	16° 3	27° 4	9°13	27°51	26°21	1°21	10°42	27°36	10°23	9°17	20° 4	n.a.	M13
T 14	10 43 1	12°38'45	6♈20	17°25	28° 3	9°39	27°47	26°21	1°24	10°41	27°37	10°12	9°14	20°11	n.a.	T 14
W15	10 46 58	13°37'04	19°21	18°50	29° 1	10° 6	27°43	26°21	1°26	10°39	27°38	10° 2	9°11	20°17	n.a.	W15
T 16	10 50 54	14°35'21	2♉ 2	20°17	29°59	10°33	27°40	26°21	1°29	10°38	27°39	9°53	9° 7	20°24	n.a.	T 16
F 17	10 54 51	15°33'36	14°24	21°45	0♉56	11° 0	27°36	26°R21	1°32	10°36	27°40	9°47	9° 4	20°31	n.a.	F 17
S 18	10 58 47	16°31'49	26°31	23°15	1°52	11°27	27°33	26°21	1°34	10°35	27°42	9°43	9° 1	20°37	n.a.	S 18
S 19	11 2 44	17°30'00	8♊27	24°47	2°49	11°55	27°30	26°21	1°37	10°34	27°43	9°41	8°58	20°44	n.a.	S 19
M20	11 6 40	18°28'09	20°17	26°21	3°44	12°23	27°27	26°21	1°40	10°32	27°44	9°D40	8°55	20°51	n.a.	M20
T 21	11 10 37	19°26'16	2♋ 5	27°57	4°39	12°50	27°25	26°20	1°43	10°31	27°45	9°40	8°52	20°57	n.a.	T 21
W22	11 14 33	20°24'20	13°59	29°35	5°34	13°19	27°22	26°20	1°46	10°29	27°46	9°R41	8°48	21° 4	n.a.	W22
T 23	11 18 30	21°22'23	26° 2	1♓14	6°28	13°47	27°20	26°19	1°48	10°28	27°47	9°39	8°45	21°11	n.a.	T 23
F 24	11 22 26	22°20'23	8♌20	2°56	7°21	14°15	27°18	26°19	1°51	10°26	27°48	9°36	8°42	21°17	n.a.	F 24
S 25	11 26 23	23°18'22	20°55	4°39	8°14	14°44	27°16	26°18	1°54	10°25	27°49	9°30	8°39	21°24	n.a.	S 25
S 26	11 30 20	24°16'18	3♍51	6°24	9° 6	15°13	27°14	26°17	1°57	10°23	27°50	9°22	8°36	21°31	n.a.	S 26
M27	11 34 16	25°14'13	17° 6	8°10	9°57	15°42	27°13	26°16	2° 0	10°22	27°51	9°12	8°32	21°37	n.a.	M27
T 28	11 38 13	26°12'06	0♎42	9°59	10°48	16°11	27°11	26°15	2° 3	10°20	27°52	9° 0	8°29	21°44	n.a.	T 28
W29	11 42 9	27° 9'57	14°33	11°49	11°38	16°40	27°10	26°14	2° 6	10°18	27°53	8°48	8°26	21°50	n.a.	W29
T 30	11 46 6	28° 7'46	28°36	13°42	12°27	17° 9	27° 9	26°13	2° 9	10°17	27°54	8°38	8°23	21°57	n.a.	T 30
F 31	11 50 2	29♓ 5'35	12♏47	15♓36	13♉15	17♊39	27♋ 8	26♏11	2♉12	10♎15	27♑55	8♋30	8♋20	22♊ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s40	2n41	5n 6	20s54	1s 0	7n56	2n10	23n43	2n25	22n10	1n28	18s 8	1n31	11n40	0s19	2s28	2n 6	33s38	12s53	23n21	23n27	21n29			n.a.
T 2	11 19	2s42	5 5	20 50	1 9	8 25	2 14	23 47	2 25	22 11	1 28	18 8	1 31	11 41	0 19	2 28	2 6	33 38	12 53	23 22	23 28	21 31			n.a.
F 3	10 58	8 0	4 46	20 46	1 18	8 54	2 19	23 50	2 24	22 12	1 28	18 9	1 31	11 42	0 19	2 27	2 7	33 38	12 53	23 23	23 28	21 32			n.a.
S 4	10 37	12 58	4 11	20 39	1 27	9 22	2 23	23 54	2 23	22 13	1 27	18 9	1 31	11 43	0 19	2 27	2 7	33 38	12 53	23 23	23 28	21 34			n.a.
S 5	10 15	17 17	3 20	20 31	1 34	9 51	2 28	23 58	2 22	22 14	1 27	18 9	1 31	11 44	0 19	2 26	2 7	33 37	12 54	23 23	23 28	21 35			n.a.
M 6	9 53	20 38	2 17	20 22	1 42	10 19	2 32	24 1	2 21	22 15	1 27	18 9	1 31	11 44	0 19	2 26	2 7	33 37	12 54	23 23	23 29	21 36			n.a.
T 7	9 31	22 44	1 5	20 10	1 49	10 46	2 37	24 5	2 21	22 16	1 27	18 9	1 32	11 45	0 19	2 25	2 7	33 37	12 54	23 23	23 29	21 38			n.a.
W 8	9 10	23 23	0s11	19 58	1 55	11 14	2 41	24 8	2 20	22 17	1 27	18 10	1 32	11 46	0 19	2 24	2 7	33 37	12 54	23 23	23 29	21 39			n.a.
T 9	8 47	22 29	1 26	19 43	2 1	11 41	2 46	24 12	2 19	22 18	1 27	18 10	1 32	11 47	0 19	2 24	2 7	33 37	12 54	23 23	23 29	21 40			n.a.
F 10	8 25	20 9	2 36	19 27	2 6	12 8	2 50	24 16	2 18	22 18	1 27	18 10	1 32	11 48	0 19	2 23	2 7	33 37	12 55	23 23	23 29	21 42			n.a.
S 11	8 3	16 37	3 35	19 9	2 11	12 34	2 55	24 19	2 17	22 19	1 27	18 10	1 32	11 49	0 19	2 23	2 7	33 37	12 55	23 24	23 30	21 43			n.a.
S 12	7 40	12 13	4 21	18 50	2 15	13 0	2 59	24 22	2 17	22 20	1 27	18 10	1 32	11 50	0 19	2 22	2 7	33 37	12 55	23 24	23 30	21 44			n.a.
M13	7 18	7 16	4 50	18 29	2 18	13 26	3 3	24 26	2 16	22 21	1 27	18 10	1 32	11 50	0 19	2 22	2 7	33 37	12 55	23 25	23 30	21 46			n.a.
T 14	6 55	2 4	5 3	18 6	2 22	13 52	3 7	24 29	2 15	22 21	1 26	18 10	1 32	11 51	0 19	2 21	2 7	33 37	12 56	23 26	23 30	21 47			n.a.
W15	6 33	3n 4	5 0	17 42	2 24	14 17	3 12	24 33	2 14	22 22	1 26	18 10	1 32	11 52	0 19	2 21	2 7	33 37	12 56	23 27	23 31	21 48			n.a.
T 16	6 10	7 58	4 42	17 16	2 26	14 41	3 16	24 36	2 14	22 23	1 26	18 10	1 32	11 53	0 19	2 20	2 7	33 37	12 56	23 27	23 31	21 50			n.a.
F 17	5 47	12 26	4 11	16 48	2 27	15 6	3 20	24 39	2 13	22 23	1 26	18 10	1 32	11 54	0 19	2 19	2 7	33 37	12 56	23 28	23 31	21 51			n.a.
S 18	5 24	16 19	3 29	16 19	2 28	15 30	3 24	24 42	2 12	22 24	1 26	18 10	1 32	11 55	0 19	2 19	2 7	33 37	12 57	23 28	23 31	21 52			n.a.
S 19	5 1	19 28	2 38	15 48	2 29	15 53	3 28	24 45	2 11	22 24	1 26	18 9	1 33	11 56	0 19	2 18	2 7	33 37	12 57	23 28	23 31	21 54			n.a.
M20	4 38	21 47	1 42	15 15	2 28	16 16	3 31	24 48	2 11	22 25	1 26	18 9	1 33	11 57	0 19	2 18	2 7	33 37	12 57	23 28	23 32	21 55			n.a.
T 21	4 15	23 9	0 40	14 41	2 28	16 39	3 35	24 51	2 10	22 25	1 25	18 9	1 33	11 58	0 19	2 17	2 7	33 37	12 58	23 28	23 32	21 56			n.a.
W22	3 52	23 28	0n23	14 5	2 26	17 1	3 39	24 54	2 9	22 25	1 25	18 9	1 33	11 59	0 19	2 16	2 7	33 37	12 58	23 28	23 32	21 57			n.a.
T 23	3 28	22 42	1 26	13 27	2 25	17 23	3 42	24 57	2 8	22 26	1 25	18 9	1 33	12 0	0 19	2 16	2 7	33 37	12 58	23 28	23 32	21 59			n.a.
F 24	3 5	20 50	2 26	12 48	2 22	17 44	3 46	25 0	2 8	22 26	1 25	18 8	1 33	12 1	0 19	2 15	2 7	33 37	12 58	23 29	23 33	22 0			n.a.
S 25	2 42	17 55	3 20	12 7	2 19	18 5	3 49	25 2	2 7	22 26	1 25	18 8	1 33	12 2	0 19	2 14	2 7	33 37	12 59	23 29	23 33	22 1			n.a.
S 26	2 19	14 4	4 6	11 24	2 16	18 26	3 53	25 5	2 6	22 26	1 25	18 8	1 33	12 3	0 19	2 14	2 7	33 37	12 59	23 30	23 33	22 3			n.a.
M27	1 55	9 27	4 39	10 40	2 11	18 45	3 56	25 8	2 5	22 26	1 25	18 8	1 33	12 4	0 19	2 13	2 7	33 37	12 59	23 31	23 33	22 4			n.a.
T 28	1 32	4 16	4 58	9 54	2 7	19 5	3 59	25 10	2 5	22 27	1 24	18 7	1 33	12 5	0 19	2 13	2 7	33 37	13 0	23 31	23 33	22 5			n.a.
W29	1 9	1s14	5 0	9 7	2 2	19 24	4 2	25 12	2 4	22 27	1 24	18 7	1 33	12 7	0 19	2 12	2 7	33 37	13 0	23 32	23 34	22 6			n.a.
T 30	0 45	6 45	4 43	8 18	1 56	19 42	4 5	25 15	2 3	22 27	1 24	18 7	1 33	12 8	0 19	2 11	2 7	33 38	13 0	23 33	23 34	22 8			n.a.
F 31	0s22	11s58	4n 9	7s27	1s50	20n 0	4n 7	25n17	2n 2	22n27	1n24	18s 6	1n33	12n 9	0s19	2s11	2n 7	33s38	13s 1	23n33	23n34	22n 9			n.a.

Julian Day Number = 1296331.5, Delta T = 07h54m29s
Ecliptic obliquity = 23°49'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'24, Lahiri = -20°01'24 Julian Calendar 1 March 1164 BCE == Greg. Calendar 18 Feb. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

APRIL 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 59	0♈ 3'21	27♏ 1	17♓32	14♉ 3	18♊ 9	27°R 8	26°R10	2♉15	10°R14	27♑56	8°R24	8♋17	22♊10	n.a.	S 1
S 2	11 57 55	1° 1'07	11♐15	19°29	14°49	18°39	27♋ 7	26♏ 8	2°19	10♎12	27°57	8♋21	8°13	22°17	n.a.	S 2
M 3	12 1 52	1°58'51	25°25	21°29	15°35	19° 9	27° 7	26° 7	2°22	10°11	27°58	8°20	8°10	22°24	n.a.	M 3
T 4	12 5 49	2°56'34	9♑32	23°30	16°20	19°39	27°D 7	26° 5	2°25	10° 9	27°59	8°20	8° 7	22°30	n.a.	T 4
W 5	12 9 45	3°54'16	23°33	25°33	17° 5	20° 9	27° 7	26° 3	2°28	10° 7	27°59	8°20	8° 4	22°37	n.a.	W 5
T 6	12 13 42	4°51'57	7♒28	27°37	17°48	20°40	27° 7	26° 1	2°31	10° 6	28° 0	8°18	8° 1	22°44	n.a.	T 6
F 7	12 17 38	5°49'36	21°17	29°43	18°30	21°10	27° 7	26° 0	2°35	10° 4	28° 1	8°13	7°58	22°50	n.a.	F 7
S 8	12 21 35	6°47'14	4♓57	1♈50	19°11	21°41	27° 8	25°57	2°38	10° 2	28° 2	8° 6	7°54	22°57	n.a.	S 8
S 9	12 25 31	7°44'51	18°27	3°59	19°51	22°12	27° 9	25°55	2°41	10° 1	28° 2	7°55	7°51	23° 4	n.a.	S 9
M10	12 29 28	8°42'27	1♈45	6° 8	20°30	22°43	27°10	25°53	2°44	9°59	28° 3	7°43	7°48	23°10	n.a.	M10
T 11	12 33 24	9°40'01	14°48	8°18	21° 8	23°14	27°11	25°51	2°48	9°58	28° 4	7°31	7°45	23°17	n.a.	T 11
W12	12 37 21	10°37'33	27°36	10°29	21°45	23°45	27°12	25°48	2°51	9°56	28° 5	7°18	7°42	23°24	n.a.	W12
T 13	12 41 18	11°35'05	10♉ 8	12°40	22°20	24°17	27°14	25°46	2°54	9°54	28° 5	7° 7	7°38	23°30	n.a.	T 13
F 14	12 45 14	12°32'35	22°24	14°52	22°54	24°48	27°16	25°44	2°58	9°53	28° 6	6°58	7°35	23°37	n.a.	F 14
S 15	12 49 11	13°30'04	4♊28	17° 3	23°27	25°20	27°17	25°41	3° 1	9°51	28° 6	6°52	7°32	23°44	n.a.	S 15
S 16	12 53 7	14°27'31	16°22	19°13	23°58	25°51	27°20	25°38	3° 5	9°50	28° 7	6°49	7°29	23°50	n.a.	S 16
M17	12 57 4	15°24'57	28°11	21°23	24°28	26°23	27°22	25°35	3° 8	9°48	28° 8	6°47	7°26	23°57	n.a.	M17
T 18	13 1 0	16°22'21	9♋59	23°32	24°56	26°55	27°24	25°33	3°11	9°46	28° 8	6°47	7°23	24° 3	n.a.	T 18
W19	13 4 57	17°19'45	21°53	25°39	25°23	27°27	27°27	25°30	3°15	9°45	28° 9	6°47	7°19	24°10	n.a.	W19
T 20	13 8 53	18°17'06	3♌56	27°45	25°48	28° 0	27°30	25°27	3°18	9°43	28° 9	6°46	7°16	24°17	n.a.	T 20
F 21	13 12 50	19°14'27	16°16	29°50	26°12	28°32	27°32	25°24	3°22	9°41	28°10	6°44	7°13	24°23	n.a.	F 21
S 22	13 16 47	20°11'46	28°56	1♉52	26°34	29° 4	27°36	25°21	3°25	9°40	28°10	6°39	7°10	24°30	n.a.	S 22
S 23	13 20 43	21° 9'03	11♍59	3°53	26°54	29°37	27°39	25°17	3°29	9°38	28°10	6°31	7° 7	24°37	n.a.	S 23
M24	13 24 40	22° 6'20	25°27	5°51	27°12	0♋10	27°42	25°14	3°32	9°37	28°11	6°22	7° 3	24°43	n.a.	M24
T 25	13 28 36	23° 3'35	9♎18	7°47	27°28	0°42	27°46	25°11	3°36	9°35	28°11	6°11	7° 0	24°50	n.a.	T 25
W26	13 32 33	24° 0'50	23°31	9°40	27°42	1°15	27°50	25° 7	3°39	9°34	28°11	6° 0	6°57	24°57	n.a.	W26
T 27	13 36 29	24°58'04	7♏59	11°31	27°54	1°48	27°53	25° 4	3°43	9°32	28°12	5°51	6°54	25° 3	n.a.	T 27
F 28	13 40 26	25°55'17	22°35	13°20	28° 4	2°21	27°58	25° 0	3°46	9°30	28°12	5°43	6°51	25°10	n.a.	F 28
S 29	13 44 22	26°52'29	7♐13	15° 6	28°12	2°54	28° 2	24°57	3°50	9°29	28°12	5°38	6°48	25°17	n.a.	S 29
S 30	13 48 19	27♈49'41	21♐46	16♉49	28♉18	3♋28	28♋ 6	24♏53	3♉53	9♎27	28♑13	5♋35	6♋44	25♊23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 1	16s34	3n20	6s35	1s43	20n17	4n10	25n19	2n 2	22n27	1n24	18s 6	1n33	12n10	0s19	2s10	2n 7	33s38	13s 1	23n34	23n34	22n10		n.a.
S 2	0 25	20 13	2 18	5 41	1 36	20 34	4 12	25 21	2 1	22 27	1 24	18 5	1 34	12 11	0 19	2 9	2 7	33 38	13 1	23 34	23 34	22 11		n.a.
M 3	0 48	22 37	1 8	4 46	1 28	20 50	4 15	25 23	2 0	22 27	1 23	18 5	1 34	12 12	0 19	2 9	2 7	33 38	13 1	23 34	23 35	22 13		n.a.
T 4	1 11	23 35	0s 6	3 50	1 20	21 5	4 17	25 24	2 0	22 26	1 23	18 5	1 34	12 13	0 19	2 8	2 7	33 38	13 2	23 34	23 35	22 14		n.a.
W 5	1 35	23 3	1 20	2 53	1 11	21 20	4 19	25 26	1 59	22 26	1 23	18 4	1 34	12 14	0 19	2 7	2 7	33 38	13 2	23 34	23 35	22 15		n.a.
T 6	1 58	21 5	2 28	1 54	1 2	21 35	4 21	25 28	1 58	22 26	1 23	18 4	1 34	12 15	0 19	2 7	2 7	33 38	13 2	23 34	23 35	22 16		n.a.
F 7	2 21	17 53	3 26	0 55	0 53	21 48	4 22	25 29	1 57	22 26	1 23	18 3	1 34	12 17	0 18	2 6	2 7	33 38	13 3	23 34	23 35	22 18		n.a.
S 8	2 44	13 45	4 12	0n 5	0 43	22 2	4 24	25 31	1 57	22 25	1 23	18 3	1 34	12 18	0 18	2 5	2 7	33 39	13 3	23 35	23 36	22 19		n.a.
S 9	3 7	8 58	4 43	1 6	0 33	22 14	4 25	25 32	1 56	22 25	1 22	18 2	1 34	12 19	0 18	2 5	2 7	33 39	13 3	23 35	23 36	22 20		n.a.
M10	3 30	3 51	4 59	2 8	0 23	22 26	4 26	25 33	1 55	22 25	1 22	18 1	1 34	12 20	0 18	2 4	2 7	33 39	13 4	23 36	23 36	22 21		n.a.
T 11	3 53	1n21	4 58	3 10	0 12	22 37	4 27	25 34	1 55	22 24	1 22	18 1	1 34	12 21	0 18	2 4	2 8	33 39	13 4	23 37	23 36	22 22		n.a.
W12	4 16	6 25	4 42	4 12	0 2	22 48	4 28	25 35	1 54	22 24	1 22	18 0	1 34	12 22	0 18	2 3	2 8	33 39	13 4	23 38	23 36	22 24		n.a.
T 13	4 39	11 6	4 13	5 13	0n 9	22 58	4 28	25 36	1 53	22 23	1 22	18 0	1 34	12 24	0 18	2 2	2 7	33 39	13 5	23 38	23 37	22 25		n.a.
F 14	5 2	15 16	3 32	6 15	0 20	23 7	4 29	25 36	1 53	22 23	1 21	17 59	1 34	12 25	0 18	2 2	2 7	33 40	13 5	23 39	23 37	22 26		n.a.
S 15	5 25	18 43	2 42	7 16	0 30	23 16	4 29	25 37	1 52	22 22	1 21	17 58	1 34	12 26	0 18	2 1	2 7	33 40	13 5	23 39	23 37	22 27		n.a.
S 16	5 47	21 22	1 46	8 16	0 40	23 24	4 28	25 37	1 51	22 22	1 21	17 58	1 34	12 27	0 18	2 0	2 7	33 40	13 6	23 39	23 37	22 28		n.a.
M17	6 10	23 4	0 46	9 15	0 50	23 31	4 28	25 37	1 51	22 21	1 21	17 57	1 34	12 28	0 18	2 0	2 7	33 40	13 6	23 39	23 37	22 29		n.a.
T 18	6 32	23 44	0n17	10 13	1 0	23 37	4 27	25 38	1 50	22 20	1 21	17 56	1 34	12 30	0 18	1 59	2 7	33 41	13 6	23 39	23 37	22 31		n.a.
W19	6 55	23 20	1 19	11 9	1 9	23 43	4 26	25 38	1 49	22 20	1 21	17 55	1 34	12 31	0 18	1 58	2 7	33 41	13 7	23 39	23 38	22 32		n.a.
T 20	7 17	21 50	2 19	12 3	1 18	23 48	4 25	25 38	1 48	22 19	1 20	17 55	1 34	12 32	0 18	1 58	2 7	33 41	13 7	23 39	23 38	22 33		n.a.
F 21	7 39	19 17	3 13	12 56	1 26	23 52	4 23	25 37	1 48	22 18	1 20	17 54	1 34	12 33	0 18	1 57	2 7	33 41	13 8	23 40	23 38	22 34		n.a.
S 22	8 1	15 46	4 0	13 47	1 34	23 56	4 21	25 37	1 47	22 17	1 20	17 53	1 34	12 34	0 18	1 57	2 7	33 41	13 8	23 40	23 38	22 35		n.a.
S 23	8 23	11 24	4 35	14 36	1 41	23 58	4 19	25 36	1 46	22 17	1 20	17 52	1 34	12 36	0 18	1 56	2 7	33 42	13 8	23 40	23 38	22 36		n.a.
M24	8 45	6 22	4 57	15 23	1 48	24 0	4 16	25 36	1 46	22 16	1 20	17 52	1 35	12 37	0 18	1 55	2 7	33 42	13 9	23 41	23 38	22 37		n.a.
T 25	9 6	0 52	5 2	16 7	1 54	24 1	4 13	25 35	1 45	22 15	1 20	17 51	1 35	12 38	0 18	1 55	2 7	33 42	13 9	23 41	23 39	22 39		n.a.
W26	9 28	4s49	4 48	16 50	1 59	24 1	4 10	25 34	1 44	22 14	1 19	17 50	1 35	12 39	0 18	1 54	2 7	33 43	13 9	23 42	23 39	22 40		n.a.
T 27	9 49	10 21	4 16	17 30	2 4	24 0	4 6	25 33	1 44	22 13	1 19	17 49	1 35	12 40	0 18	1 53	2 7	33 43	13 10	23 42	23 39	22 41		n.a.
F 28	10 10	15 23	3 28	18 7	2 8	23 58	4 2	25 32	1 43	22 12	1 19	17 48	1 35	12 42	0 18	1 53	2 7	33 43	13 10	23 42	23 39	22 42		n.a.
S 29	10 31	19 30	2 25	18 43	2 11	23 56	3 57	25 30	1 42	22 11	1 19	17 47	1 35	12 43	0 18	1 52	2 7	33 43	13 10	23 43	23 39	22 43		n.a.
S 30	10n52	22s22	1n13	19n16	2n13	23n52	3n52	25n29	1n42	22n10	1n19	17s46	1n35	12n44	0s18	1s52	2n 7	33s44	13s11	23n43	23n39	22n44		n.a.

Julian Day Number = 1296362.5, Delta T = 07h54m28s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'20, Lahiri = -20°01'19 Julian Calendar 1 Apr. 1164 BCE == Greg. Calendar 21 March 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

MAY 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 52 16	28♈46'52	6♉10	18♉30	28♉22	4♋ 1	28♋11	24°R50	3♉57	9°R26	28♉13	5°D34	6♋41	25♊30	n.a.	M 1
T 2	13 56 12	29°44'03	20°23	20° 8	28°R23	4°34	28°15	24♏46	4° 0	9♎24	28°13	5♋35	6°38	25°37	n.a.	T 2
W 3	14 0 9	0♉41'13	4♒22	21°43	28°22	5° 8	28°20	24°42	4° 4	9°23	28°13	5°R35	6°35	25°43	n.a.	W 3
T 4	14 4 5	1°38'23	18° 9	23°16	28°18	5°42	28°25	24°38	4° 7	9°21	28°13	5°34	6°32	25°50	n.a.	T 4
F 5	14 8 2	2°35'33	1♓42	24°46	28°12	6°15	28°30	24°34	4°11	9°20	28°13	5°31	6°29	25°57	n.a.	F 5
S 6	14 11 58	3°32'43	15° 2	26°13	28° 4	6°49	28°36	24°31	4°14	9°19	28°14	5°25	6°25	26° 3	n.a.	S 6
S 7	14 15 55	4°29'51	28°11	27°38	27°54	7°23	28°41	24°27	4°18	9°17	28°14	5°17	6°22	26°10	n.a.	S 7
M 8	14 19 51	5°27'00	11♈ 6	28°59	27°41	7°57	28°47	24°23	4°21	9°16	28°14	5° 7	6°19	26°16	n.a.	M 8
T 9	14 23 48	6°24'08	23°50	0♊18	27°25	8°31	28°53	24°19	4°25	9°14	28°14	4°57	6°16	26°23	n.a.	T 9
W10	14 27 45	7°21'16	6♉20	1°34	27° 8	9° 5	28°59	24°14	4°29	9°13	28°R14	4°47	6°13	26°30	n.a.	W10
T 11	14 31 41	8°18'24	18°39	2°47	26°48	9°40	29° 5	24°10	4°32	9°12	28°14	4°38	6° 9	26°36	n.a.	T 11
F 12	14 35 38	9°15'31	0♊46	3°57	26°26	10°14	29°11	24° 6	4°36	9°10	28°14	4°31	6° 6	26°43	n.a.	F 12
S 13	14 39 34	10°12'37	12°43	5° 4	26° 2	10°48	29°17	24° 2	4°39	9° 9	28°14	4°26	6° 3	26°50	n.a.	S 13
S 14	14 43 31	11° 9'44	24°34	6° 8	25°35	11°23	29°24	23°58	4°43	9° 8	28°13	4°24	6° 0	26°56	n.a.	S 14
M15	14 47 27	12° 6'50	6♋21	7° 8	25° 7	11°58	29°30	23°54	4°46	9° 6	28°13	4°D23	5°57	27° 3	n.a.	M15
T 16	14 51 24	13° 3'55	18° 8	8° 6	24°37	12°32	29°37	23°49	4°50	9° 5	28°13	4°24	5°54	27°10	n.a.	T 16
W17	14 55 20	14° 1'00	0♌ 1	9° 0	24° 6	13° 7	29°44	23°45	4°53	9° 4	28°13	4°25	5°50	27°16	n.a.	W17
T 18	14 59 17	14°58'04	12° 4	9°50	23°32	13°42	29°51	23°41	4°57	9° 2	28°13	4°R26	5°47	27°23	n.a.	T 18
F 19	15 3 14	15°55'08	24°23	10°37	22°58	14°17	29°58	23°36	5° 0	9° 1	28°13	4°25	5°44	27°30	n.a.	F 19
S 20	15 7 10	16°52'12	7♍ 2	11°20	22°23	14°52	0♌ 5	23°32	5° 4	9° 0	28°12	4°23	5°41	27°36	n.a.	S 20
S 21	15 11 7	17°49'15	20° 5	11°59	21°46	15°27	0°13	23°28	5° 7	8°59	28°12	4°20	5°38	27°43	n.a.	S 21
M22	15 15 3	18°46'18	3♎36	12°34	21° 9	16° 2	0°20	23°23	5°11	8°58	28°12	4°14	5°34	27°50	n.a.	M22
T 23	15 19 0	19°43'21	17°33	13° 6	20°32	16°37	0°28	23°19	5°14	8°57	28°12	4° 8	5°31	27°56	n.a.	T 23
W24	15 22 56	20°40'23	1♏56	13°33	19°54	17°13	0°36	23°15	5°18	8°55	28°11	4° 1	5°28	28° 3	n.a.	W24
T 25	15 26 53	21°37'26	16°39	13°55	19°17	17°48	0°43	23°10	5°21	8°54	28°11	3°55	5°25	28° 9	n.a.	T 25
F 26	15 30 50	22°34'28	1♐34	14°14	18°40	18°24	0°51	23° 6	5°25	8°53	28°11	3°50	5°22	28°16	n.a.	F 26
S 27	15 34 46	23°31'31	16°33	14°27	18° 3	18°59	1° 0	23° 1	5°28	8°52	28°10	3°47	5°19	28°23	n.a.	S 27
S 28	15 38 43	24°28'35	1♑28	14°36	17°27	19°35	1° 8	22°57	5°31	8°51	28°10	3°D46	5°15	28°29	n.a.	S 28
M29	15 42 39	25°25'38	16°12	14°R41	16°53	20°11	1°16	22°53	5°35	8°50	28° 9	3°47	5°12	28°36	n.a.	M29
T 30	15 46 36	26°22'42	0♒39	14°41	16°19	20°47	1°25	22°48	5°38	8°49	28° 9	3°48	5° 9	28°43	n.a.	T 30
W31	15 50 32	27♉19'47	14♒47	14♊36	15♉47	21♋22	1♌33	22♏44	5♉42	8♎48	28♑ 8	3♋49	5♋ 6	28♊49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n13	23s44	0s 3	19n46	2n15	23n48	3n46	25n27	1n41	22n 9	1n18	17s46	1n35	12n45	0s18	1s51	2n 7	33s44	13s11	23n43	23n40	22n45		n.a.
T 2	11 34	23 33	1 18	20 15	2 16	23 42	3 40	25 26	1 40	22 8	1 18	17 45	1 35	12 47	0 18	1 51	2 7	33 44	13 11	23 43	23 40	22 46		n.a.
W 3	11 54	21 52	2 27	20 41	2 16	23 36	3 34	25 24	1 40	22 6	1 18	17 44	1 35	12 48	0 18	1 50	2 7	33 45	13 12	23 43	23 40	22 47		n.a.
T 4	12 14	18 55	3 27	21 5	2 16	23 28	3 27	25 22	1 39	22 5	1 18	17 43	1 35	12 49	0 18	1 49	2 7	33 45	13 12	23 43	23 40	22 49		n.a.
F 5	12 34	14 59	4 13	21 27	2 14	23 20	3 20	25 19	1 39	22 4	1 18	17 42	1 35	12 50	0 18	1 49	2 7	33 45	13 12	23 43	23 40	22 50		n.a.
S 6	12 54	10 22	4 46	21 46	2 13	23 10	3 12	25 17	1 38	22 3	1 18	17 41	1 35	12 51	0 18	1 48	2 7	33 46	13 13	23 43	23 40	22 51		n.a.
S 7	13 14	5 20	5 2	22 4	2 10	23 0	3 4	25 14	1 37	22 1	1 17	17 40	1 35	12 53	0 18	1 48	2 7	33 46	13 13	23 44	23 41	22 52		n.a.
M 8	13 33	0 10	5 3	22 19	2 6	22 48	2 55	25 12	1 37	22 0	1 17	17 39	1 35	12 54	0 18	1 47	2 7	33 46	13 14	23 44	23 41	22 53		n.a.
T 9	13 52	4n56	4 48	22 32	2 2	22 35	2 46	25 9	1 36	21 59	1 17	17 38	1 35	12 55	0 18	1 47	2 7	33 47	13 14	23 44	23 41	22 54		n.a.
W10	14 11	9 46	4 20	22 44	1 58	22 22	2 36	25 6	1 35	21 57	1 17	17 37	1 34	12 56	0 18	1 46	2 7	33 47	13 14	23 45	23 41	22 55		n.a.
T 11	14 30	14 8	3 40	22 53	1 52	22 7	2 25	25 3	1 35	21 56	1 17	17 36	1 34	12 58	0 18	1 46	2 7	33 47	13 15	23 45	23 41	22 56		n.a.
F 12	14 49	17 52	2 50	23 1	1 46	21 51	2 15	25 0	1 34	21 54	1 17	17 35	1 34	12 59	0 18	1 45	2 7	33 48	13 15	23 45	23 41	22 57		n.a.
S 13	15 7	20 49	1 54	23 7	1 39	21 34	2 3	24 56	1 33	21 53	1 17	17 34	1 34	13 0	0 18	1 45	2 7	33 48	13 15	23 45	23 42	22 58		n.a.
S 14	15 25	22 50	0 53	23 11	1 32	21 17	1 52	24 52	1 33	21 51	1 16	17 33	1 34	13 1	0 18	1 44	2 7	33 48	13 16	23 46	23 42	22 59		n.a.
M15	15 43	23 51	0n11	23 14	1 23	20 58	1 40	24 49	1 32	21 50	1 16	17 32	1 34	13 2	0 18	1 44	2 7	33 49	13 16	23 46	23 42	23 0		n.a.
T 16	16 1	23 48	1 14	23 15	1 14	20 39	1 27	24 45	1 31	21 48	1 16	17 31	1 34	13 4	0 18	1 43	2 7	33 49	13 16	23 46	23 42	23 1		n.a.
W17	16 18	22 40	2 14	23 14	1 5	20 18	1 14	24 41	1 31	21 47	1 16	17 30	1 34	13 5	0 18	1 43	2 7	33 49	13 17	23 45	23 42	23 2		n.a.
T 18	16 36	20 29	3 9	23 11	0 55	19 57	1 1	24 37	1 30	21 45	1 16	17 29	1 34	13 6	0 18	1 42	2 7	33 50	13 17	23 45	23 42	23 3		n.a.
F 19	16 52	17 20	3 57	23 8	0 44	19 35	0 48	24 32	1 29	21 43	1 16	17 28	1 34	13 7	0 18	1 42	2 7	33 50	13 17	23 45	23 42	23 4		n.a.
S 20	17 9	13 19	4 35	23 3	0 32	19 13	0 34	24 28	1 29	21 42	1 15	17 27	1 34	13 8	0 18	1 41	2 7	33 51	13 18	23 46	23 43	23 5		n.a.
S 21	17 25	8 34	5 0	22 56	0 20	18 50	0 21	24 23	1 28	21 40	1 15	17 26	1 34	13 10	0 18	1 41	2 7	33 51	13 18	23 46	23 43	23 6		n.a.
M22	17 42	3 16	5 9	22 48	0 8	18 27	0 7	24 18	1 28	21 38	1 15	17 25	1 34	13 11	0 18	1 41	2 7	33 51	13 18	23 46	23 43	23 7		n.a.
T 23	17 57	2s23	5 1	22 39	0s 5	18 3	0s 7	24 13	1 27	21 36	1 15	17 24	1 34	13 12	0 18	1 40	2 6	33 52	13 19	23 46	23 43	23 8		n.a.
W24	18 13	8 4	4 34	22 29	0 19	17 40	0 21	24 8	1 26	21 34	1 15	17 23	1 34	13 13	0 18	1 40	2 6	33 52	13 19	23 46	23 43	23 9		n.a.
T 25	18 28	13 27	3 48	22 18	0 33	17 16	0 35	24 2	1 26	21 32	1 15	17 22	1 34	13 14	0 18	1 39	2 6	33 53	13 19	23 46	23 43	23 10		n.a.
F 26	18 43	18 6	2 46	22 6	0 47	16 53	0 49	23 57	1 25	21 31	1 15	17 20	1 34	13 15	0 18	1 39	2 6	33 53	13 20	23 47	23 43	23 11		n.a.
S 27	18 58	21 37	1 32	21 53	1 2	16 29	1 3	23 51	1 24	21 29	1 14	17 19	1 34	13 17	0 18	1 39	2 6	33 53	13 20	23 47	23 43	23 12		n.a.
S 28	19 12	23 37	0 13	21 39	1 17	16 6	1 16	23 45	1 24	21 27	1 14	17 18	1 34	13 18	0 18	1 38	2 6	33 54	13 20	23 47	23 44	23 13		n.a.
M29	19 26	23 57	1s 7	21 24	1 33	15 43	1 29	23 39	1 23	21 25	1 14	17 17	1 33	13 19	0 18	1 38	2 6	33 54	13 21	23 47	23 44	23 14		n.a.
T 30	19 40	22 38	2 21	21 9	1 48	15 21	1 42	23 33	1 22	21 23	1 14	17 16	1 33	13 20	0 18	1 38	2 6	33 55	13 21	23 47	23 44	23 15		n.a.
W31	19n53	19s56	3s25	20n53	2s 4	15n 0	1s55	23n27	1n22	21n21	1n14	17s15	1n33	13n21	0s18	1s37	2n 6	33s55	13s21	23n47	23n44	23n16		n.a.

Julian Day Number = 1296392.5, Delta T = 07h54m26s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'16, Lahiri = -20°01'15 Julian Calendar 1 May 1164 BCE == Greg. Calendar 20 Apr. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

JUNE 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 29	28♉16'52	28♒34	14°R26	15°R16	21♋58	1♌42	22°R39	5♉45	8°R47	28°R 8	3°R50	5♋ 3	28♊56	n.a.	T 1
F 2	15 58 25	29°13'58	12♓ 3	14♊12	14♉48	22°34	1°51	22♏35	5°48	8♎46	28♑ 7	3♋49	5° 0	29° 3	n.a.	F 2
S 3	16 2 22	0♊11'04	25°12	13°53	14°21	23°10	1°59	22°31	5°52	8°46	28° 7	3°47	4°56	29° 9	n.a.	S 3
S 4	16 6 19	1° 8'11	8♈ 6	13°31	13°56	23°47	2° 8	22°26	5°55	8°45	28° 6	3°43	4°53	29°16	n.a.	S 4
M 5	16 10 15	2° 5'19	20°45	13° 4	13°34	24°23	2°18	22°22	5°58	8°44	28° 6	3°39	4°50	29°23	n.a.	M 5
T 6	16 14 12	3° 2'27	3♉11	12°34	13°13	24°59	2°27	22°18	6° 1	8°43	28° 5	3°34	4°47	29°29	n.a.	T 6
W 7	16 18 8	3°59'37	15°26	12° 0	12°55	25°36	2°36	22°14	6° 5	8°42	28° 4	3°29	4°44	29°36	n.a.	W 7
T 8	16 22 5	4°56'46	27°31	11°24	12°39	26°12	2°46	22° 9	6° 8	8°42	28° 4	3°24	4°40	29°43	n.a.	T 8
F 9	16 26 1	5°53'57	9♊28	10°46	12°25	26°49	2°55	22° 5	6°11	8°41	28° 3	3°21	4°37	29°49	n.a.	F 9
S 10	16 29 58	6°51'08	21°19	10° 6	12°14	27°25	3° 5	22° 1	6°14	8°40	28° 2	3°19	4°34	29°56	n.a.	S 10
S 11	16 33 55	7°48'19	3♋ 7	9°25	12° 6	28° 2	3°14	21°57	6°17	8°40	28° 2	3°D18	4°31	0♋ 2	n.a.	S 11
M12	16 37 51	8°45'31	14°53	8°44	11°59	28°39	3°24	21°53	6°20	8°39	28° 1	3°19	4°28	0° 9	n.a.	M12
T 13	16 41 48	9°42'44	26°42	8° 4	11°55	29°16	3°34	21°49	6°24	8°38	28° 0	3°20	4°25	0°16	n.a.	T 13
W14	16 45 44	10°39'57	8♌36	7°25	11°D53	29°53	3°44	21°44	6°27	8°38	27°59	3°22	4°21	0°22	n.a.	W14
T 15	16 49 41	11°37'11	20°39	6°48	11°54	0♌30	3°54	21°40	6°30	8°37	27°59	3°23	4°18	0°29	n.a.	T 15
F 16	16 53 37	12°34'25	2♍58	6°13	11°57	1° 7	4° 4	21°37	6°33	8°37	27°58	3°24	4°15	0°36	n.a.	F 16
S 17	16 57 34	13°31'40	15°34	5°42	12° 2	1°44	4°14	21°33	6°36	8°36	27°57	3°R25	4°12	0°42	n.a.	S 17
S 18	17 1 30	14°28'56	28°34	5°15	12° 9	2°21	4°25	21°29	6°39	8°36	27°56	3°24	4° 9	0°49	n.a.	S 18
M19	17 5 27	15°26'12	12♎ 0	4°52	12°19	2°58	4°35	21°25	6°42	8°35	27°55	3°23	4° 6	0°56	n.a.	M19
T 20	17 9 24	16°23'28	25°53	4°34	12°30	3°35	4°46	21°21	6°45	8°35	27°54	3°21	4° 2	1° 2	n.a.	T 20
W21	17 13 20	17°20'46	10♏13	4°22	12°44	4°13	4°56	21°17	6°48	8°35	27°54	3°19	3°59	1° 9	n.a.	W21
T 22	17 17 17	18°18'04	24°56	4°15	12°59	4°50	5° 7	21°14	6°50	8°34	27°53	3°17	3°56	1°16	n.a.	T 22
F 23	17 21 13	19°15'23	9♐57	4°D14	13°17	5°28	5°18	21°10	6°53	8°34	27°52	3°16	3°53	1°22	n.a.	F 23
S 24	17 25 10	20°12'43	25° 8	4°19	13°36	6° 5	5°28	21° 7	6°56	8°34	27°51	3°15	3°50	1°29	n.a.	S 24
S 25	17 29 6	21°10'05	10♑17	4°31	13°57	6°43	5°39	21° 3	6°59	8°34	27°50	3°D15	3°46	1°36	n.a.	S 25
M26	17 33 3	22° 7'28	25°18	4°49	14°20	7°21	5°50	21° 0	7° 2	8°33	27°49	3°15	3°43	1°42	n.a.	M26
T 27	17 37 0	23° 4'51	10♒ 2	5°13	14°45	7°59	6° 1	20°56	7° 4	8°33	27°48	3°16	3°40	1°49	n.a.	T 27
W28	17 40 56	24° 2'17	24°23	5°44	15°11	8°36	6°12	20°53	7° 7	8°33	27°47	3°17	3°37	1°55	n.a.	W28
T 29	17 44 53	24°59'43	8♓20	6°22	15°39	9°14	6°24	20°50	7°10	8°33	27°46	3°18	3°34	2° 2	n.a.	T 29
F 30	17 48 49	25♊57'12	21♓52	7♊ 6	16♉ 8	9♌52	6♌35	20♏46	7♉12	8♎33	27♑45	3°R18	3♋31	2♋ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 6	16s 8	4s15	20n36	2s19	14n39	2s 7	23n20	1n21	21n18	1n14	17s14	1n33	13n22	0s18	1s37	2n 6	33s55	13s22	23n47	23n44	23n17		n.a.
F 2	20 19	11 37	4 50	20 20	2 34	14 20	2 19	23 14	1 21	21 16	1 14	17 13	1 33	13 23	0 18	1 37	2 6	33 56	13 22	23 47	23 44	23 18		n.a.
S 3	20 31	6 39	5 9	20 3	2 49	14 1	2 30	23 7	1 20	21 14	1 14	17 12	1 33	13 25	0 18	1 36	2 6	33 56	13 22	23 47	23 44	23 19		n.a.
S 4	20 43	1 30	5 11	19 45	3 4	13 43	2 41	23 0	1 19	21 12	1 13	17 11	1 33	13 26	0 18	1 36	2 6	33 57	13 23	23 47	23 44	23 20		n.a.
M 5	20 55	3n38	4 59	19 28	3 18	13 26	2 52	22 53	1 19	21 10	1 13	17 10	1 33	13 27	0 18	1 36	2 6	33 57	13 23	23 47	23 45	23 20		n.a.
T 6	21 7	8 31	4 32	19 12	3 31	13 11	3 2	22 46	1 18	21 7	1 13	17 9	1 33	13 28	0 18	1 35	2 6	33 58	13 23	23 47	23 45	23 21		n.a.
W 7	21 18	13 1	3 53	18 55	3 43	12 56	3 11	22 38	1 17	21 5	1 13	17 8	1 33	13 29	0 18	1 35	2 6	33 58	13 24	23 47	23 45	23 22		n.a.
T 8	21 28	16 57	3 4	18 39	3 54	12 43	3 20	22 31	1 17	21 3	1 13	17 7	1 32	13 30	0 18	1 35	2 6	33 59	13 24	23 47	23 45	23 23		n.a.
F 9	21 39	20 8	2 7	18 24	4 4	12 31	3 29	22 23	1 16	21 1	1 13	17 6	1 32	13 31	0 18	1 35	2 6	33 59	13 24	23 47	23 45	23 24		n.a.
S 10	21 49	22 27	1 6	18 10	4 13	12 20	3 36	22 15	1 15	20 58	1 13	17 5	1 32	13 32	0 18	1 35	2 5	33 59	13 25	23 47	23 45	23 25		n.a.
S 11	21 58	23 47	0 1	17 56	4 20	12 10	3 44	22 7	1 15	20 56	1 13	17 4	1 32	13 33	0 18	1 34	2 5	34 0	13 25	23 47	23 45	23 26		n.a.
M12	22 7	24 2	1n 3	17 45	4 26	12 1	3 51	21 59	1 14	20 53	1 13	17 3	1 32	13 34	0 18	1 34	2 5	34 0	13 25	23 47	23 45	23 27		n.a.
T 13	22 16	23 13	2 5	17 34	4 30	11 54	3 57	21 50	1 14	20 51	1 12	17 2	1 32	13 35	0 18	1 34	2 5	34 1	13 25	23 47	23 45	23 28		n.a.
W14	22 25	21 21	3 3	17 25	4 33	11 48	4 3	21 42	1 13	20 48	1 12	17 1	1 32	13 36	0 18	1 34	2 5	34 1	13 26	23 47	23 46	23 28		n.a.
T 15	22 33	18 30	3 53	17 18	4 34	11 43	4 9	21 33	1 12	20 46	1 12	17 0	1 32	13 37	0 18	1 34	2 5	34 2	13 26	23 47	23 46	23 29		n.a.
F 16	22 41	14 49	4 33	17 13	4 33	11 39	4 14	21 24	1 12	20 43	1 12	17 0	1 31	13 38	0 18	1 34	2 5	34 2	13 26	23 47	23 46	23 30		n.a.
S 17	22 48	10 23	5 1	17 10	4 30	11 36	4 18	21 15	1 11	20 41	1 12	16 59	1 31	13 39	0 18	1 33	2 5	34 3	13 27	23 47	23 46	23 31		n.a.
S 18	22 55	5 23	5 15	17 10	4 26	11 34	4 22	21 6	1 10	20 38	1 12	16 58	1 31	13 40	0 18	1 33	2 5	34 3	13 27	23 47	23 46	23 32		n.a.
M19	23 1	0s 2	5 13	17 11	4 21	11 34	4 26	20 57	1 10	20 36	1 12	16 57	1 31	13 41	0 18	1 33	2 5	34 3	13 27	23 47	23 46	23 33		n.a.
T 20	23 7	5 38	4 52	17 15	4 14	11 34	4 30	20 47	1 9	20 33	1 12	16 56	1 31	13 42	0 18	1 33	2 5	34 4	13 27	23 47	23 46	23 34		n.a.
W21	23 13	11 7	4 13	17 20	4 6	11 35	4 33	20 38	1 8	20 30	1 12	16 55	1 31	13 43	0 18	1 33	2 5	34 4	13 28	23 47	23 46	23 34		n.a.
T 22	23 18	16 8	3 17	17 28	3 56	11 37	4 35	20 28	1 8	20 27	1 12	16 54	1 31	13 44	0 18	1 33	2 5	34 5	13 28	23 47	23 46	23 35		n.a.
F 23	23 23	20 14	2 6	17 38	3 46	11 41	4 37	20 18	1 7	20 25	1 12	16 54	1 30	13 45	0 18	1 33	2 5	34 5	13 28	23 48	23 46	23 36		n.a.
S 24	23 28	23 0	0 45	17 51	3 34	11 45	4 39	20 8	1 6	20 22	1 11	16 53	1 30	13 46	0 18	1 33	2 5	34 6	13 28	23 48	23 47	23 37		n.a.
S 25	23 32	24 4	0s39	18 5	3 22	11 49	4 41	19 58	1 6	20 19	1 11	16 52	1 30	13 47	0 18	1 33	2 5	34 6	13 29	23 48	23 47	23 38		n.a.
M26	23 36	23 23	1 59	18 21	3 9	11 55	4 42	19 47	1 5	20 16	1 11	16 51	1 30	13 48	0 18	1 33	2 4	34 7	13 29	23 48	23 47	23 38		n.a.
T 27	23 39	21 4	3 10	18 39	2 56	12 1	4 43	19 37	1 5	20 13	1 11	16 50	1 30	13 49	0 18	1 33	2 4	34 7	13 29	23 47	23 47	23 39		n.a.
W28	23 42	17 29	4 7	18 58	2 41	12 8	4 44	19 26	1 4	20 11	1 11	16 50	1 30	13 50	0 18	1 33	2 4	34 7	13 29	23 47	23 47	23 40		n.a.
T 29	23 44	13 1	4 48	19 19	2 27	12 16	4 44	19 15	1 3	20 8	1 11	16 49	1 30	13 51	0 18	1 33	2 4	34 8	13 29	23 47	23 47	23 41		n.a.
F 30	23n46	8s 2	5s11	19n41	2s12	12n24	4s44	19n 4	1n 3	20n 5	1n11	16s48	1n29	13n52	0s18	1s33	2n 4	34s 8	13s30	23n47	23n47	23n42		n.a.

Julian Day Number = 1296423.5, Delta T = 07h54m25s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'12, Lahiri = -20°01'11 Julian Calendar 1 June 1164 BCE == Greg. Calendar 21 May 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

JULY 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 46	26♊54'41	5♈ 0	7♊56	16♉39	10♌30	6♌46	20°R43	7♉15	8°R33	27°R44	3°R18	3♋27	2♋15	n.a.	S 1
S 2	17 56 42	27°52'13	17°47	8°52	17°11	11° 9	6°57	20♏40	7°17	8°D33	27♑43	3♋18	3°24	2°22	n.a.	S 2
M 3	18 0 39	28°49'45	0♉16	9°55	17°44	11°47	7° 9	20°37	7°20	8♎33	27°42	3°17	3°21	2°29	n.a.	M 3
T 4	18 4 35	29°47'20	12°31	11° 3	18°19	12°25	7°20	20°34	7°22	8°33	27°41	3°17	3°18	2°35	n.a.	T 4
W 5	18 8 32	0♋44'56	24°35	12°17	18°55	13° 3	7°32	20°31	7°25	8°33	27°39	3°16	3°15	2°42	n.a.	W 5
T 6	18 12 29	1°42'34	6♊30	13°37	19°33	13°42	7°44	20°29	7°27	8°33	27°38	3°16	3°12	2°49	n.a.	T 6
F 7	18 16 25	2°40'13	18°21	15° 2	20°11	14°20	7°55	20°26	7°30	8°33	27°37	3°16	3° 8	2°55	n.a.	F 7
S 8	18 20 22	3°37'54	0♋ 8	16°31	20°51	14°59	8° 7	20°23	7°32	8°34	27°36	3°16	3° 5	3° 2	n.a.	S 8
S 9	18 24 18	4°35'36	11°55	18° 6	21°31	15°37	8°19	20°21	7°34	8°34	27°35	3°16	3° 2	3° 9	n.a.	S 9
M10	18 28 15	5°33'20	23°44	19°44	22°13	16°16	8°31	20°18	7°37	8°34	27°34	3°16	2°59	3°15	n.a.	M10
T 11	18 32 11	6°31'05	5♌37	21°27	22°56	16°55	8°43	20°16	7°39	8°34	27°33	3°16	2°56	3°22	n.a.	T 11
W12	18 36 8	7°28'52	17°37	23°13	23°40	17°34	8°54	20°14	7°41	8°35	27°31	3°15	2°52	3°28	n.a.	W12
T 13	18 40 4	8°26'40	29°46	25° 1	24°24	18°12	9° 7	20°12	7°43	8°35	27°30	3°14	2°49	3°35	n.a.	T 13
F 14	18 44 1	9°24'29	12♍ 8	26°53	25°10	18°51	9°19	20° 9	7°45	8°36	27°29	3°14	2°46	3°42	n.a.	F 14
S 15	18 47 58	10°22'20	24°46	28°47	25°56	19°30	9°31	20° 7	7°47	8°36	27°28	3°13	2°43	3°48	n.a.	S 15
S 16	18 51 54	11°20'12	7♎43	0♋42	26°43	20° 9	9°43	20° 5	7°49	8°36	27°27	3°D13	2°40	3°55	n.a.	S 16
M17	18 55 51	12°18'06	21° 2	2°39	27°31	20°49	9°55	20° 4	7°51	8°37	27°25	3°13	2°37	4° 2	n.a.	M17
T 18	18 59 47	13°16'01	4♏45	4°37	28°20	21°28	10° 7	20° 2	7°53	8°37	27°24	3°14	2°33	4° 8	n.a.	T 18
W19	19 3 44	14°13'57	18°54	6°35	29° 9	22° 7	10°20	20° 0	7°55	8°38	27°23	3°14	2°30	4°15	n.a.	W19
T 20	19 7 40	15°11'55	3♐26	8°34	29°59	22°46	10°32	19°58	7°57	8°39	27°22	3°15	2°27	4°22	n.a.	T 20
F 21	19 11 37	16° 9'55	18°18	10°34	0♊50	23°26	10°44	19°57	7°59	8°39	27°21	3°16	2°24	4°28	n.a.	F 21
S 22	19 15 33	17° 7'56	3♑23	12°33	1°42	24° 5	10°57	19°56	8° 0	8°40	27°19	3°R16	2°21	4°35	n.a.	S 22
S 23	19 19 30	18° 5'59	18°34	14°31	2°34	24°45	11° 9	19°54	8° 2	8°40	27°18	3°16	2°18	4°42	n.a.	S 23
M24	19 23 27	19° 4'04	3♒41	16°29	3°27	25°24	11°22	19°53	8° 4	8°41	27°17	3°15	2°14	4°48	n.a.	M24
T 25	19 27 23	20° 2'10	18°35	18°27	4°21	26° 4	11°34	19°52	8° 5	8°42	27°16	3°13	2°11	4°55	n.a.	T 25
W26	19 31 20	21° 0'19	3♓ 8	20°23	5°15	26°44	11°47	19°51	8° 7	8°43	27°14	3°11	2° 8	5° 2	n.a.	W26
T 27	19 35 16	21°58'30	17°15	22°19	6° 9	27°23	11°59	19°50	8° 8	8°43	27°13	3° 8	2° 5	5° 8	n.a.	T 27
F 28	19 39 13	22°56'43	0♈55	24°14	7° 5	28° 3	12°12	19°49	8°10	8°44	27°12	3° 7	2° 2	5°15	n.a.	F 28
S 29	19 43 9	23°54'58	14° 7	26° 8	8° 0	28°43	12°25	19°48	8°11	8°45	27°11	3° 5	1°58	5°21	n.a.	S 29
S 30	19 47 6	24°53'15	26°55	28° 1	8°57	29°23	12°37	19°48	8°13	8°46	27° 9	3°D 5	1°55	5°28	n.a.	S 30
M31	19 51 2	25♋51'34	9♉22	29♋52	9♊53	0♍ 3	12♌50	19♏47	8♉14	8♎47	27♑ 8	3♋ 6	1♋52	5♋35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	2s49	5s17	20n 4	1s57	12n33	4s44	18n53	1n 2	20n 2	1n11	16s48	1n29	13n52	0s18	1s33	2n 4	34s 9	13s30	23n47	23n47	23n42		n.a.
S 2	23 49	2n22	5 8	20 28	1 42	12 43	4 44	18 42	1 1	19 59	1 11	16 47	1 29	13 53	0 18	1 33	2 4	34 9	13 30	23 47	23 47	23 43		n.a.
M 3	23 50	7 20	4 43	20 52	1 27	12 53	4 43	18 30	1 1	19 56	1 11	16 46	1 29	13 54	0 18	1 33	2 4	34 10	13 30	23 47	23 47	23 44		n.a.
T 4	23 50	11 57	4 6	21 17	1 12	13 3	4 42	18 19	1 0	19 53	1 11	16 46	1 29	13 55	0 18	1 33	2 4	34 10	13 31	23 47	23 47	23 45		n.a.
W 5	23 50	16 1	3 19	21 42	0 57	13 14	4 41	18 7	0 59	19 50	1 11	16 45	1 29	13 56	0 18	1 33	2 4	34 10	13 31	23 48	23 48	23 45		n.a.
T 6	23 49	19 24	2 23	22 6	0 43	13 25	4 40	17 55	0 59	19 46	1 11	16 45	1 28	13 56	0 18	1 33	2 4	34 11	13 31	23 48	23 48	23 46		n.a.
F 7	23 48	21 57	1 22	22 30	0 28	13 37	4 38	17 43	0 58	19 43	1 11	16 44	1 28	13 57	0 18	1 33	2 4	34 11	13 31	23 48	23 48	23 47		n.a.
S 8	23 47	23 33	0 17	22 54	0 15	13 49	4 37	17 31	0 58	19 40	1 10	16 44	1 28	13 58	0 18	1 34	2 4	34 12	13 31	23 48	23 48	23 48		n.a.
S 9	23 45	24 5	0n48	23 16	0 2	14 1	4 35	17 19	0 57	19 37	1 10	16 43	1 28	13 59	0 18	1 34	2 4	34 12	13 31	23 48	23 48	23 48		n.a.
M10	23 43	23 32	1 51	23 37	0n11	14 14	4 33	17 7	0 56	19 34	1 10	16 43	1 28	14 0	0 18	1 34	2 3	34 13	13 32	23 48	23 48	23 49		n.a.
T 11	23 40	21 55	2 50	23 56	0 23	14 27	4 31	16 54	0 56	19 31	1 10	16 42	1 27	14 0	0 18	1 34	2 3	34 13	13 32	23 48	23 48	23 50		n.a.
W12	23 37	19 20	3 42	24 14	0 34	14 40	4 28	16 42	0 55	19 27	1 10	16 42	1 27	14 1	0 18	1 34	2 3	34 13	13 32	23 48	23 48	23 50		n.a.
T 13	23 34	15 52	4 25	24 29	0 45	14 53	4 26	16 29	0 54	19 24	1 10	16 41	1 27	14 2	0 18	1 35	2 3	34 14	13 32	23 48	23 48	23 51		n.a.
F 14	23 30	11 40	4 56	24 42	0 54	15 7	4 23	16 16	0 54	19 21	1 10	16 41	1 27	14 2	0 18	1 35	2 3	34 14	13 32	23 48	23 48	23 52		n.a.
S 15	23 25	6 54	5 14	24 53	1 3	15 20	4 20	16 3	0 53	19 17	1 10	16 40	1 27	14 3	0 18	1 35	2 3	34 15	13 32	23 48	23 48	23 53		n.a.
S 16	23 20	1 43	5 17	25 1	1 11	15 34	4 17	15 50	0 52	19 14	1 10	16 40	1 26	14 4	0 18	1 35	2 3	34 15	13 32	23 48	23 48	23 53		n.a.
M17	23 15	3s41	5 2	25 7	1 19	15 48	4 14	15 37	0 52	19 11	1 10	16 40	1 26	14 4	0 18	1 35	2 3	34 15	13 33	23 48	23 48	23 54		n.a.
T 18	23 10	9 4	4 31	25 10	1 25	16 2	4 11	15 23	0 51	19 7	1 10	16 40	1 26	14 5	0 18	1 36	2 3	34 16	13 33	23 48	23 48	23 55		n.a.
W19	23 3	14 10	3 42	25 10	1 31	16 16	4 8	15 10	0 50	19 4	1 10	16 39	1 26	14 6	0 18	1 36	2 3	34 16	13 33	23 48	23 49	23 55		n.a.
T 20	22 57	18 36	2 38	25 8	1 35	16 30	4 5	14 56	0 50	19 0	1 10	16 39	1 26	14 6	0 18	1 36	2 3	34 17	13 33	23 48	23 49	23 56		n.a.
F 21	22 50	21 57	1 22	25 3	1 39	16 44	4 1	14 42	0 49	18 57	1 10	16 39	1 26	14 7	0 18	1 37	2 3	34 17	13 33	23 48	23 49	23 57		n.a.
S 22	22 43	23 48	0s 1	24 56	1 42	16 58	3 58	14 28	0 48	18 53	1 10	16 39	1 25	14 7	0 18	1 37	2 3	34 17	13 33	23 48	23 49	23 57		n.a.
S 23	22 35	23 54	1 24	24 46	1 45	17 12	3 54	14 14	0 48	18 50	1 10	16 38	1 25	14 8	0 18	1 37	2 3	34 18	13 33	23 48	23 49	23 58		n.a.
M24	22 27	22 15	2 41	24 33	1 47	17 26	3 50	14 0	0 47	18 46	1 10	16 38	1 25	14 8	0 18	1 38	2 3	34 18	13 33	23 48	23 49	23 58		n.a.
T 25	22 19	19 4	3 45	24 19	1 48	17 39	3 46	13 46	0 47	18 43	1 10	16 38	1 25	14 9	0 18	1 38	2 2	34 18	13 33	23 48	23 49	23 59		n.a.
W26	22 10	14 46	4 34	24 2	1 48	17 53	3 42	13 31	0 46	18 39	1 10	16 38	1 25	14 9	0 18	1 38	2 2	34 19	13 33	23 48	23 49	24 0		n.a.
T 27	22 0	9 46	5 4	23 43	1 48	18 7	3 38	13 17	0 45	18 36	1 10	16 38	1 24	14 10	0 18	1 39	2 2	34 19	13 34	23 48	23 49	24 0		n.a.
F 28	21 51	4 27	5 16	23 22	1 47	18 20	3 34	13 2	0 45	18 32	1 10	16 38	1 24	14 10	0 18	1 39	2 2	34 19	13 34	23 48	23 49	24 1		n.a.
S 29	21 41	0n54	5 10	23 0	1 45	18 33	3 30	12 48	0 44	18 28	1 10	16 38	1 24	14 11	0 18	1 40	2 2	34 20	13 34	23 48	23 49	24 2		n.a.
S 30	21 30	6 3	4 49	22 35	1 44	18 46	3 26	12 33	0 43	18 25	1 10	16 38	1 24	14 11	0 18	1 40	2 2	34 20	13 34	23 48	23 49	24 2		n.a.
M31	21n19	10n49	4s15	22n 9	1n41	18n59	3s21	12n18	0n43	18n21	1n10	16s38	1n23	14n12	0s18	1s40	2n 2	34s20	13s34	23n48	23n49	24n 3		n.a.

Julian Day Number = 1296453.5, Delta T = 07h54m23s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'07, Lahiri = -20°01'07 Julian Calendar 1 July 1164 BCE == Greg. Calendar 20 June 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

AUGUST 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 59	26♋49'56	21♉32	1♌43	10♊51	0♍43	13♌ 3	19°R47	8♉15	8♎48	27°R 7	3♋ 7	1♋49	5♋41	n.a.	T 1
W 2	19 58 55	27°48'20	3♊30	3°32	11°49	1°23	13°16	19♏46	8°17	8°49	27♂ 6	3° 9	1°46	5°48	n.a.	W 2
T 3	20 2 52	28°46'46	15°21	5°21	12°47	2° 4	13°28	19°46	8°18	8°50	27° 4	3°10	1°43	5°55	n.a.	T 3
F 4	20 6 49	29°45'15	27° 7	7° 8	13°46	2°44	13°41	19°46	8°19	8°51	27° 3	3°11	1°39	6° 1	n.a.	F 4
S 5	20 10 45	0♌43'46	8♋54	8°54	14°45	3°24	13°54	19°D46	8°20	8°52	27° 2	3°R11	1°36	6° 8	n.a.	S 5
S 6	20 14 42	1°42'18	20°44	10°39	15°44	4° 5	14° 7	19°46	8°21	8°53	27° 0	3°10	1°33	6°15	n.a.	S 6
M 7	20 18 38	2°40'53	2♌39	12°23	16°44	4°45	14°20	19°46	8°22	8°54	26°59	3° 7	1°30	6°21	n.a.	M 7
T 8	20 22 35	3°39'30	14°41	14° 6	17°44	5°26	14°33	19°46	8°23	8°55	26°58	3° 3	1°27	6°28	n.a.	T 8
W 9	20 26 31	4°38'09	26°52	15°47	18°45	6° 6	14°46	19°46	8°24	8°57	26°57	2°58	1°24	6°35	n.a.	W 9
T 10	20 30 28	5°36'50	9♍14	17°28	19°46	6°47	14°59	19°47	8°25	8°58	26°55	2°52	1°20	6°41	n.a.	T 10
F 11	20 34 24	6°35'33	21°47	19° 7	20°48	7°28	15°12	19°47	8°25	8°59	26°54	2°47	1°17	6°48	n.a.	F 11
S 12	20 38 21	7°34'18	4♎33	20°46	21°49	8° 9	15°25	19°48	8°26	9° 0	26°53	2°42	1°14	6°55	n.a.	S 12
S 13	20 42 18	8°33'04	17°34	22°24	22°52	8°50	15°38	19°48	8°27	9° 2	26°52	2°38	1°11	7° 1	n.a.	S 13
M14	20 46 14	9°31'53	0♏52	24° 0	23°54	9°31	15°51	19°49	8°27	9° 3	26°50	2°36	1° 8	7° 8	n.a.	M14
T 15	20 50 11	10°30'43	14°28	25°36	24°57	10°12	16° 4	19°50	8°28	9° 4	26°49	2°D36	1° 4	7°14	n.a.	T 15
W16	20 54 7	11°29'35	28°24	27°10	26° 0	10°53	16°17	19°51	8°29	9° 6	26°48	2°37	1° 1	7°21	n.a.	W16
T 17	20 58 4	12°28'30	12♐39	28°44	27° 3	11°34	16°30	19°52	8°29	9° 7	26°47	2°38	0°58	7°28	n.a.	T 17
F 18	21 2 0	13°27'26	27°12	0♍17	28° 7	12°15	16°43	19°53	8°29	9° 9	26°46	2°R39	0°55	7°34	n.a.	F 18
S 19	21 5 57	14°26'24	11♑59	1°49	29°11	12°56	16°56	19°55	8°30	9°10	26°44	2°39	0°52	7°41	n.a.	S 19
S 20	21 9 53	15°25'24	26°55	3°19	0♋15	13°38	17° 9	19°56	8°30	9°12	26°43	2°37	0°49	7°48	n.a.	S 20
M21	21 13 50	16°24'26	11♒53	4°49	1°20	14°19	17°22	19°58	8°30	9°13	26°42	2°33	0°45	7°54	n.a.	M21
T 22	21 17 47	17°23'30	26°42	6°18	2°25	15° 0	17°35	19°59	8°31	9°15	26°41	2°27	0°42	8° 1	n.a.	T 22
W23	21 21 43	18°22'36	11♓16	7°46	3°30	15°42	17°48	20° 1	8°31	9°16	26°40	2°20	0°39	8° 8	n.a.	W23
T 24	21 25 40	19°21'45	25°28	9°13	4°35	16°24	18° 1	20° 2	8°31	9°18	26°39	2°12	0°36	8°14	n.a.	T 24
F 25	21 29 36	20°20'56	9♈13	10°39	5°41	17° 5	18°14	20° 4	8°R31	9°19	26°37	2° 6	0°33	8°21	n.a.	F 25
S 26	21 33 33	21°20'09	22°31	12° 4	6°47	17°47	18°27	20° 6	8°31	9°21	26°36	2° 0	0°29	8°28	n.a.	S 26
S 27	21 37 29	22°19'25	5♉22	13°28	7°53	18°29	18°40	20° 8	8°31	9°23	26°35	1°56	0°26	8°34	n.a.	S 27
M28	21 41 26	23°18'44	17°51	14°51	8°59	19°10	18°53	20°10	8°31	9°24	26°34	1°55	0°23	8°41	n.a.	M28
T 29	21 45 22	24°18'04	0♊ 1	16°13	10° 6	19°52	19° 6	20°13	8°31	9°26	26°33	1°D55	0°20	8°48	n.a.	T 29
W30	21 49 19	25°17'28	11°58	17°34	11°13	20°34	19°19	20°15	8°30	9°28	26°32	1°56	0°17	8°54	n.a.	W30
T 31	21 53 15	26♌16'54	23♊47	18♍53	12♋20	21♍16	19♌32	20♏17	8♉30	9♎30	26♂31	1♋57	0♋14	9♋ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 8	15n 4	3s30	21n42	1n38	19n11	3s17	12n 3	0n42	18n17	1n10	16s38	1n23	14n12	0s18	1s41	2n 2	34s21	13s34	23n48	23n49	24n 3			n.a.
W 2	20 56	18 38	2 36	21 13	1 35	19 24	3 13	11 48	0 41	18 14	1 10	16 38	1 23	14 13	0 18	1 41	2 2	34 21	13 34	23 48	23 49	24 4			n.a.
T 3	20 45	21 25	1 37	20 43	1 31	19 36	3 8	11 33	0 41	18 10	1 10	16 38	1 23	14 13	0 18	1 42	2 2	34 21	13 34	23 48	23 49	24 5			n.a.
F 4	20 32	23 15	0 33	20 12	1 27	19 47	3 4	11 17	0 40	18 6	1 10	16 38	1 23	14 13	0 18	1 42	2 2	34 22	13 34	23 48	23 49	24 5			n.a.
S 5	20 19	24 3	0n31	19 40	1 23	19 59	2 59	11 2	0 39	18 2	1 10	16 39	1 22	14 14	0 18	1 43	2 2	34 22	13 34	23 48	23 49	24 6			n.a.
S 6	20 6	23 46	1 35	19 7	1 18	20 10	2 54	10 46	0 39	17 58	1 10	16 39	1 22	14 14	0 18	1 43	2 2	34 22	13 34	23 48	23 49	24 6			n.a.
M 7	19 53	22 24	2 35	18 32	1 13	20 21	2 50	10 31	0 38	17 55	1 10	16 39	1 22	14 14	0 18	1 44	2 2	34 22	13 34	23 48	23 49	24 7			n.a.
T 8	19 39	20 0	3 28	17 57	1 8	20 31	2 45	10 15	0 37	17 51	1 10	16 39	1 22	14 15	0 18	1 44	2 2	34 23	13 34	23 48	23 50	24 7			n.a.
W 9	19 25	16 42	4 12	17 22	1 3	20 41	2 40	9 59	0 37	17 47	1 10	16 40	1 22	14 15	0 18	1 45	2 1	34 23	13 34	23 48	23 50	24 8			n.a.
T 10	19 11	12 38	4 46	16 45	0 57	20 51	2 36	9 43	0 36	17 43	1 10	16 40	1 21	14 15	0 18	1 45	2 1	34 23	13 34	23 48	23 50	24 8			n.a.
F 11	18 56	7 59	5 6	16 8	0 51	21 0	2 31	9 27	0 35	17 39	1 10	16 40	1 21	14 15	0 18	1 46	2 1	34 23	13 34	23 48	23 50	24 9			n.a.
S 12	18 41	2 55	5 11	15 31	0 45	21 9	2 26	9 11	0 35	17 35	1 10	16 41	1 21	14 16	0 18	1 46	2 1	34 24	13 34	23 48	23 50	24 10			n.a.
S 13	18 25	2s23	5 1	14 53	0 38	21 17	2 21	8 55	0 34	17 31	1 10	16 41	1 21	14 16	0 18	1 47	2 1	34 24	13 34	23 48	23 50	24 10			n.a.
M14	18 10	7 41	4 35	14 14	0 32	21 25	2 17	8 39	0 33	17 27	1 10	16 41	1 21	14 16	0 18	1 48	2 1	34 24	13 34	23 48	23 50	24 11			n.a.
T 15	17 53	12 45	3 52	13 35	0 25	21 32	2 12	8 22	0 33	17 24	1 10	16 42	1 20	14 16	0 18	1 48	2 1	34 24	13 34	23 48	23 50	24 11			n.a.
W16	17 37	17 17	2 56	12 56	0 18	21 39	2 7	8 6	0 32	17 20	1 10	16 42	1 20	14 16	0 18	1 49	2 1	34 25	13 34	23 48	23 50	24 12			n.a.
T 17	17 20	20 55	1 47	12 17	0 11	21 46	2 2	7 49	0 31	17 16	1 10	16 43	1 20	14 17	0 18	1 49	2 1	34 25	13 34	23 48	23 50	24 12			n.a.
F 18	17 3	23 18	0 30	11 37	0 4	21 52	1 57	7 33	0 31	17 12	1 10	16 43	1 20	14 17	0 18	1 50	2 1	34 25	13 34	23 48	23 50	24 13			n.a.
S 19	16 46	24 7	0s50	10 57	0s 3	21 57	1 52	7 16	0 30	17 8	1 10	16 44	1 20	14 17	0 18	1 51	2 1	34 25	13 34	23 48	23 50	24 13			n.a.
S 20	16 29	23 12	2 8	10 18	0 10	22 2	1 48	6 59	0 29	17 4	1 10	16 44	1 19	14 17	0 18	1 51	2 1	34 25	13 33	23 48	23 50	24 14			n.a.
M21	16 11	20 39	3 16	9 38	0 18	22 7	1 43	6 43	0 29	17 0	1 10	16 45	1 19	14 17	0 18	1 52	2 1	34 26	13 33	23 48	23 50	24 14			n.a.
T 22	15 53	16 44	4 11	8 58	0 25	22 11	1 38	6 26	0 28	16 56	1 10	16 46	1 19	14 17	0 18	1 53	2 1	34 26	13 33	23 49	23 50	24 14			n.a.
W23	15 34	11 53	4 48	8 18	0 33	22 14	1 33	6 9	0 27	16 52	1 10	16 46	1 19	14 17	0 18	1 53	2 1	34 26	13 33	23 49	23 50	24 15			n.a.
T 24	15 15	6 30	5 6	7 38	0 40	22 17	1 28	5 52	0 27	16 47	1 10	16 47	1 19	14 17	0 18	1 54	2 1	34 26	13 33	23 49	23 50	24 15			n.a.
F 25	14 57	0 58	5 6	6 58	0 47	22 19	1 24	5 35	0 26	16 43	1 10	16 48	1 18	14 17	0 18	1 55	2 1	34 26	13 33	23 49	23 50	24 16			n.a.
S 26	14 37	4n26	4 49	6 18	0 55	22 21	1 19	5 18	0 25	16 39	1 10	16 48	1 18	14 17	0 18	1 55	2 1	34 26	13 33	23 49	23 50	24 16			n.a.
S 27	14 18	9 29	4 18	5 39	1 3	22 22	1 14	5 0	0 25	16 35	1 10	16 49	1 18	14 17	0 18	1 56	2 0	34 27	13 33	23 49	23 50	24 17			n.a.
M28	13 58	14 0	3 35	4 59	1 10	22 22	1 9	4 43	0 24	16 31	1 10	16 50	1 18	14 17	0 18	1 57	2 0	34 27	13 33	23 49	23 50	24 17			n.a.
T 29	13 38	17 50	2 43	4 20	1 17	22 22	1 5	4 26	0 23	16 27	1 10	16 51	1 18	14 17	0 18	1 57	2 0	34 27	13 33	23 49	23 50	24 18			n.a.
W30	13 18	20 51	1 46	3 42	1 25	22 21	1 0	4 8	0 23	16 23	1 10	16 51	1 17	14 17	0 18	1 58	2 0	34 27	13 32	23 49	23 50	24 18			n.a.
T 31	12n58	22n57	0s44	3n 3	1s32	22n20	0s55	3n51	0n22	16n19	1n10	16s52	1n17	14n17	0s18	1s59	2n 0	34s27	13s32	23n49	23n50	24n18			n.a.

Julian Day Number = 1296484.5, Delta T = 07h54m21s
Ecliptic obliquity = 23°49'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°08'03, Lahiri = -20°01'03 Julian Calendar 1 Aug. 1164 BCE == Greg. Calendar 21 July 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

SEPTEMBER 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 57 12	27♌16'22	5♋34	20♍12	13♋27	21♍58	19♌45	20♏20	8°R30	9♎31	26°R30	1°R57	0♋10	9♋ 7	n.a.	F 1
S 2	22 1 9	28°15'52	17°22	21°29	14°34	22°41	19°58	20°23	8♉29	9°33	26♉29	1♋56	0° 7	9°14	n.a.	S 2
S 3	22 5 5	29°15'25	29°17	22°44	15°42	23°23	20°11	20°25	8°29	9°35	26°28	1°52	0° 4	9°21	n.a.	S 3
M 4	22 9 2	0♍15'01	11♌20	23°59	16°50	24° 5	20°24	20°28	8°29	9°37	26°27	1°46	0° 1	9°27	n.a.	M 4
T 5	22 12 58	1°14'38	23°34	25°11	17°58	24°47	20°37	20°31	8°28	9°39	26°26	1°37	29♊58	9°34	n.a.	T 5
W 6	22 16 55	2°14'18	6♍ 1	26°22	19° 6	25°30	20°50	20°34	8°27	9°40	26°25	1°26	29°55	9°41	n.a.	W 6
T 7	22 20 51	3°13'59	18°40	27°31	20°15	26°12	21° 3	20°37	8°27	9°42	26°24	1°15	29°51	9°47	n.a.	T 7
F 8	22 24 48	4°13'43	1♎32	28°38	21°24	26°55	21°16	20°40	8°26	9°44	26°23	1° 4	29°48	9°54	n.a.	F 8
S 9	22 28 44	5°13'29	14°36	29°43	22°32	27°37	21°29	20°43	8°25	9°46	26°22	0°54	29°45	10° 1	n.a.	S 9
S 10	22 32 41	6°13'17	27°51	0♎46	23°41	28°20	21°42	20°47	8°25	9°48	26°21	0°46	29°42	10° 7	n.a.	S 10
M11	22 36 37	7°13'06	11♏18	1°46	24°51	29° 3	21°55	20°50	8°24	9°50	26°20	0°40	29°39	10°14	n.a.	M11
T 12	22 40 34	8°12'58	24°57	2°43	26° 0	29°46	22° 8	20°53	8°23	9°52	26°19	0°37	29°35	10°21	n.a.	T 12
W13	22 44 31	9°12'51	8♐47	3°37	27° 9	0♎28	22°20	20°57	8°22	9°54	26°18	0°D37	29°32	10°27	n.a.	W13
T 14	22 48 27	10°12'47	22°49	4°27	28°19	1°11	22°33	21° 1	8°21	9°56	26°17	0°R37	29°29	10°34	n.a.	T 14
F 15	22 52 24	11°12'44	7♑ 4	5°14	29°29	1°54	22°46	21° 4	8°20	9°58	26°16	0°37	29°26	10°41	n.a.	F 15
S 16	22 56 20	12°12'42	21°28	5°56	0♌39	2°37	22°59	21° 8	8°19	10° 0	26°16	0°35	29°23	10°47	n.a.	S 16
S 17	23 0 17	13°12'43	6♒ 0	6°34	1°49	3°20	23°11	21°12	8°18	10° 2	26°15	0°31	29°20	10°54	n.a.	S 17
M18	23 4 13	14°12'45	20°34	7° 6	2°59	4° 3	23°24	21°16	8°17	10° 4	26°14	0°25	29°16	11° 0	n.a.	M18
T 19	23 8 10	15°12'50	5♓ 4	7°33	4°10	4°47	23°37	21°20	8°15	10° 6	26°13	0°15	29°13	11° 7	n.a.	T 19
W20	23 12 6	16°12'56	19°24	7°53	5°20	5°30	23°49	21°24	8°14	10° 8	26°13	0° 4	29°10	11°14	n.a.	W20
T 21	23 16 3	17°13'04	3♈27	8° 6	6°31	6°13	24° 2	21°28	8°13	10°10	26°12	29♊52	29° 7	11°20	n.a.	T 21
F 22	23 20 0	18°13'14	17° 8	8°R12	7°42	6°57	24°14	21°33	8°11	10°13	26°11	29°40	29° 4	11°27	n.a.	F 22
S 23	23 23 56	19°13'26	0♉25	8°10	8°53	7°40	24°27	21°37	8°10	10°15	26°10	29°30	29° 1	11°34	n.a.	S 23
S 24	23 27 53	20°13'41	13°18	7°58	10° 4	8°23	24°39	21°42	8° 9	10°17	26°10	29°23	28°57	11°40	n.a.	S 24
M25	23 31 49	21°13'57	25°48	7°38	11°15	9° 7	24°52	21°46	8° 7	10°19	26° 9	29°18	28°54	11°47	n.a.	M25
T 26	23 35 46	22°14'16	8♊ 0	7° 8	12°26	9°51	25° 4	21°51	8° 6	10°21	26° 9	29°16	28°51	11°54	n.a.	T 26
W27	23 39 42	23°14'37	19°58	6°29	13°38	10°34	25°16	21°55	8° 4	10°23	26° 8	29°15	28°48	12° 0	n.a.	W27
T 28	23 43 39	24°15'00	1♋48	5°40	14°50	11°18	25°28	22° 0	8° 2	10°26	26° 7	29°15	28°45	12° 7	n.a.	T 28
F 29	23 47 35	25°15'25	13°36	4°42	16° 1	12° 2	25°41	22° 5	8° 1	10°28	26° 7	29°15	28°41	12°14	n.a.	F 29
S 30	23 51 32	26♍15'53	25♋26	3♎36	17♌13	12♎46	25♌53	22♏10	7♉59	10♎30	26♑ 6	29♊12	28♊38	12♋20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n37	24n 2	0n19	2n26	1s40	22n18	0s51	3n34	0n21	16n15	1n11	16s53	1n17	14n17	0s18	2s 0	2n 0	34s27	13s32	23n49	23n50	24n19		n.a.
S 2	12 16	24 2	1 22	1 48	1 47	22 16	0 46	3 16	0 21	16 11	1 11	16 54	1 17	14 17	0 18	2 0	2 0	34 27	13 32	23 49	23 50	24 19		n.a.
S 3	11 55	22 56	2 21	1 11	1 54	22 12	0 41	2 58	0 20	16 6	1 11	16 55	1 17	14 16	0 18	2 1	2 0	34 27	13 32	23 49	23 50	24 20		n.a.
M 4	11 34	20 47	3 15	0 35	2 1	22 9	0 37	2 41	0 19	16 2	1 11	16 56	1 16	14 16	0 18	2 2	2 0	34 27	13 32	23 49	23 50	24 20		n.a.
T 5	11 13	17 39	4 0	0s 0	2 7	22 4	0 32	2 23	0 19	15 58	1 11	16 57	1 16	14 16	0 18	2 3	2 0	34 27	13 32	23 49	23 50	24 20		n.a.
W 6	10 51	13 42	4 34	0 35	2 14	21 59	0 28	2 5	0 18	15 54	1 11	16 58	1 16	14 16	0 18	2 4	2 0	34 27	13 31	23 50	23 50	24 21		n.a.
T 7	10 29	9 5	4 56	1 8	2 20	21 53	0 24	1 48	0 17	15 50	1 11	16 59	1 16	14 16	0 18	2 4	2 0	34 27	13 31	23 50	23 50	24 21		n.a.
F 8	10 7	4 0	5 3	1 41	2 27	21 47	0 19	1 30	0 17	15 46	1 11	17 0	1 16	14 15	0 18	2 5	2 0	34 28	13 31	23 50	23 50	24 22		n.a.
S 9	9 45	1s19	4 55	2 13	2 33	21 40	0 15	1 12	0 16	15 42	1 11	17 1	1 15	14 15	0 18	2 6	2 0	34 28	13 31	23 50	23 50	24 22		n.a.
S 10	9 23	6 41	4 30	2 43	2 38	21 33	0 11	0 54	0 15	15 37	1 11	17 2	1 15	14 15	0 18	2 7	2 0	34 28	13 31	23 50	23 50	24 22		n.a.
M11	9 0	11 49	3 51	3 12	2 43	21 24	0 6	0 36	0 14	15 33	1 11	17 3	1 15	14 15	0 18	2 8	2 0	34 28	13 31	23 50	23 50	24 23		n.a.
T 12	8 37	16 27	2 58	3 40	2 48	21 15	0 2	0 18	0 14	15 29	1 11	17 4	1 15	14 14	0 18	2 8	2 0	34 28	13 30	23 50	23 50	24 23		n.a.
W13	8 15	20 16	1 53	4 6	2 53	21 6	0n 2	0 1	0 13	15 25	1 11	17 5	1 15	14 14	0 18	2 9	2 0	34 28	13 30	23 50	23 50	24 23		n.a.
T 14	7 52	22 57	0 41	4 30	2 57	20 56	0 6	0s17	0 12	15 21	1 12	17 6	1 15	14 14	0 18	2 10	2 0	34 28	13 30	23 50	23 50	24 24		n.a.
F 15	7 29	24 13	0s34	4 51	3 0	20 45	0 10	0 35	0 12	15 17	1 12	17 8	1 14	14 13	0 18	2 11	2 0	34 28	13 30	23 50	23 50	24 24		n.a.
S 16	7 5	23 52	1 48	5 11	3 3	20 34	0 14	0 53	0 11	15 12	1 12	17 9	1 14	14 13	0 18	2 12	2 0	34 28	13 30	23 50	23 50	24 24		n.a.
S 17	6 42	21 55	2 56	5 28	3 5	20 22	0 18	1 11	0 10	15 8	1 12	17 10	1 14	14 13	0 18	2 13	2 0	34 28	13 29	23 50	23 50	24 25		n.a.
M18	6 19	18 32	3 52	5 42	3 6	20 9	0 21	1 29	0 10	15 4	1 12	17 11	1 14	14 12	0 18	2 13	2 0	34 27	13 29	23 50	23 50	24 25		n.a.
T 19	5 55	14 1	4 33	5 53	3 7	19 56	0 25	1 47	0 9	15 0	1 12	17 12	1 14	14 12	0 18	2 14	2 0	34 27	13 29	23 50	23 50	24 25		n.a.
W20	5 31	8 47	4 56	6 1	3 6	19 43	0 29	2 5	0 8	14 56	1 12	17 14	1 14	14 11	0 18	2 15	2 0	34 27	13 29	23 50	23 50	24 25		n.a.
T 21	5 8	3 11	5 1	6 5	3 5	19 28	0 32	2 23	0 8	14 52	1 12	17 15	1 13	14 11	0 18	2 16	2 0	34 27	13 29	23 50	23 50	24 26		n.a.
F 22	4 44	2n25	4 47	6 5	3 2	19 13	0 36	2 42	0 7	14 48	1 12	17 16	1 13	14 11	0 18	2 17	2 0	34 27	13 28	23 50	23 50	24 26		n.a.
S 23	4 20	7 46	4 19	6 0	2 57	18 58	0 39	3 0	0 6	14 44	1 12	17 18	1 13	14 10	0 18	2 18	1 59	34 27	13 28	23 50	23 50	24 26		n.a.
S 24	3 56	12 38	3 38	5 50	2 52	18 42	0 43	3 18	0 6	14 39	1 13	17 19	1 13	14 10	0 18	2 19	1 59	34 27	13 28	23 50	23 50	24 27		n.a.
M25	3 32	16 49	2 47	5 35	2 44	18 25	0 46	3 36	0 5	14 35	1 13	17 20	1 13	14 9	0 19	2 19	1 59	34 27	13 28	23 50	23 50	24 27		n.a.
T 26	3 8	20 12	1 50	5 15	2 35	18 8	0 49	3 54	0 4	14 31	1 13	17 22	1 12	14 9	0 19	2 20	1 59	34 27	13 27	23 50	23 50	24 27		n.a.
W27	2 43	22 38	0 49	4 49	2 24	17 50	0 52	4 12	0 4	14 27	1 13	17 23	1 12	14 8	0 19	2 21	1 59	34 27	13 27	23 50	23 50	24 27		n.a.
T 28	2 19	24 3	0n14	4 17	2 11	17 32	0 55	4 30	0 3	14 23	1 13	17 24	1 12	14 8	0 19	2 22	1 59	34 27	13 27	23 50	23 50	24 28		n.a.
F 29	1 55	24 22	1 15	3 41	1 57	17 13	0 58	4 48	0 2	14 19	1 13	17 26	1 12	14 7	0 19	2 23	1 59	34 27	13 27	23 50	23 50	24 28		n.a.
S 30	1n31	23n36	2n14	2s59	1s40	16n54	1n 1	5s 6	0n 2	14n15	1n13	17s27	1n12	14n 7	0s19	2s24	1n59	34s26	13s26	23n50	23n50	24n28		n.a.

Julian Day Number = 1296515.5, Delta T = 07h54m20s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'59, Lahiri = -20°00'59 Julian Calendar 1 Sept. 1164 BCE == Greg. Calendar 21 Aug. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

OCTOBER 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 28	27♍16'22	7♌24	2°R23	18♌25	13♎30	26♌ 5	22♏15	7°R57	10♎32	26°R 6	29°R 8	28♊35	12♋27	n.a.	S 1
M 2	23 59 25	28°16'53	19°33	1♎ 6	19°37	14°14	26°17	22°20	7♉56	10°34	26♉ 5	29♊ 0	28°32	12°34	n.a.	M 2
T 3	0 3 22	29°17'26	1♍58	29♍47	20°49	14°58	26°29	22°25	7°54	10°37	26° 5	28°50	28°29	12°40	n.a.	T 3
W 4	0 7 18	0♎18'01	14°39	28°27	22° 2	15°42	26°41	22°30	7°52	10°39	26° 4	28°38	28°26	12°47	n.a.	W 4
T 5	0 11 15	1°18'38	27°38	27°10	23°14	16°26	26°53	22°35	7°50	10°41	26° 4	28°24	28°22	12°53	n.a.	T 5
F 6	0 15 11	2°19'16	10♎52	25°59	24°27	17°10	27° 5	22°40	7°48	10°43	26° 4	28°10	28°19	13° 0	n.a.	F 6
S 7	0 19 8	3°19'56	24°20	24°54	25°39	17°54	27°16	22°46	7°46	10°45	26° 3	27°58	28°16	13° 7	n.a.	S 7
S 8	0 23 4	4°20'38	8♏ 0	23°59	26°52	18°39	27°28	22°51	7°44	10°48	26° 3	27°48	28°13	13°13	n.a.	S 8
M 9	0 27 1	5°21'21	21°47	23°15	28° 5	19°23	27°40	22°56	7°42	10°50	26° 3	27°41	28°10	13°20	n.a.	M 9
T 10	0 30 57	6°22'05	5♐41	22°42	29°17	20° 7	27°51	23° 2	7°40	10°52	26° 2	27°38	28° 6	13°27	n.a.	T 10
W11	0 34 54	7°22'51	19°40	22°20	0♍30	20°52	28° 3	23° 7	7°38	10°54	26° 2	27°36	28° 3	13°33	n.a.	W11
T 12	0 38 51	8°23'38	3♑42	22°D10	1°43	21°36	28°14	23°13	7°36	10°57	26° 2	27°36	28° 0	13°40	n.a.	T 12
F 13	0 42 47	9°24'26	17°47	22°12	2°56	22°21	28°26	23°19	7°34	10°59	26° 2	27°36	27°57	13°47	n.a.	F 13
S 14	0 46 44	10°25'15	1♒54	22°24	4° 9	23° 5	28°37	23°24	7°32	11° 1	26° 1	27°34	27°54	13°53	n.a.	S 14
S 15	0 50 40	11°26'05	16° 3	22°46	5°23	23°50	28°48	23°30	7°29	11° 3	26° 1	27°31	27°51	14° 0	n.a.	S 15
M16	0 54 37	12°26'57	0♓10	23°16	6°36	24°35	28°59	23°36	7°27	11° 6	26° 1	27°24	27°47	14° 7	n.a.	M16
T 17	0 58 33	13°27'49	14°13	23°55	7°49	25°20	29°10	23°42	7°25	11° 8	26° 1	27°14	27°44	14°13	n.a.	T 17
W18	1 2 30	14°28'43	28° 7	24°42	9° 3	26° 4	29°21	23°48	7°23	11°10	26° 1	27° 3	27°41	14°20	n.a.	W18
T 19	1 6 26	15°29'38	11♈49	25°34	10°16	26°49	29°32	23°54	7°20	11°13	26° 1	26°51	27°38	14°27	n.a.	T 19
F 20	1 10 23	16°30'34	25°14	26°32	11°30	27°34	29°43	24° 0	7°18	11°15	26° 1	26°39	27°35	14°33	n.a.	F 20
S 21	1 14 20	17°31'31	8♉20	27°35	12°43	28°19	29°54	24° 6	7°16	11°17	26°D 1	26°28	27°32	14°40	n.a.	S 21
S 22	1 18 16	18°32'30	21° 6	28°42	13°57	29° 4	0♍ 4	24°12	7°13	11°19	26° 1	26°21	27°28	14°47	n.a.	S 22
M23	1 22 13	19°33'30	3♊34	29°53	15°11	29°49	0°15	24°18	7°11	11°21	26° 1	26°15	27°25	14°53	n.a.	M23
T 24	1 26 9	20°34'31	15°45	1♎ 7	16°25	0♏34	0°25	24°24	7° 8	11°24	26° 1	26°13	27°22	15° 0	n.a.	T 24
W25	1 30 6	21°35'34	27°44	2°23	17°39	1°20	0°36	24°31	7° 6	11°26	26° 1	26°D12	27°19	15° 7	n.a.	W25
T 26	1 34 2	22°36'38	9♋34	3°42	18°53	2° 5	0°46	24°37	7° 3	11°28	26° 1	26°13	27°16	15°13	n.a.	T 26
F 27	1 37 59	23°37'43	21°22	5° 3	20° 7	2°50	0°56	24°43	7° 1	11°30	26° 1	26°R13	27°12	15°20	n.a.	F 27
S 28	1 41 55	24°38'50	3♌13	6°26	21°21	3°36	1° 7	24°50	6°59	11°33	26° 1	26°13	27° 9	15°26	n.a.	S 28
S 29	1 45 52	25°39'57	15°11	7°50	22°35	4°21	1°17	24°56	6°56	11°35	26° 2	26°11	27° 6	15°33	n.a.	S 29
M30	1 49 49	26°41'06	27°23	9°15	23°49	5° 6	1°26	25° 3	6°54	11°37	26° 2	26° 6	27° 3	15°40	n.a.	M30
T 31	1 53 45	27♎42'16	9♍52	10♎41	25♍ 3	5♏52	1♍36	25♏ 9	6♉51	11♎39	26♉ 2	25♊59	27♊ 0	15♋46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n 6	21n44	3n 7	2s13	1s22	16n34	1n 4	5s24	0n 1	14n11	1n13	17s29	1n12	14n 6	0s19	2s25	1n59	34s26	13s26	23n50	23n50	24n28			n.a.
M 2	0 42	18 52	3 53	1 25	1 3	16 14	1 7	5 42	0 0	14 7	1 14	17 30	1 12	14 5	0 19	2 26	1 59	34 26	13 26	23 50	23 50	24 28			n.a.
T 3	0 17	15 6	4 28	0 34	0 43	15 53	1 9	6 0	0s 0	14 3	1 14	17 32	1 11	14 5	0 19	2 27	1 59	34 26	13 26	23 50	23 49	24 29			n.a.
W 4	0s 7	10 36	4 51	0n17	0 22	15 32	1 12	6 18	0 1	13 59	1 14	17 33	1 11	14 4	0 19	2 27	1 59	34 26	13 25	23 50	23 49	24 29			n.a.
T 5	0 32	5 32	5 0	1 7	0 2	15 10	1 14	6 35	0 2	13 55	1 14	17 35	1 11	14 4	0 19	2 28	1 59	34 26	13 25	23 49	23 49	24 29			n.a.
F 6	0 56	0 7	4 53	1 54	0n18	14 48	1 17	6 53	0 2	13 51	1 14	17 36	1 11	14 3	0 19	2 29	1 59	34 25	13 25	23 49	23 49	24 29			n.a.
S 7	1 21	5s25	4 29	2 38	0 38	14 25	1 19	7 11	0 3	13 47	1 14	17 38	1 11	14 2	0 19	2 30	1 59	34 25	13 25	23 49	23 49	24 29			n.a.
S 8	1 45	10 47	3 50	3 17	0 56	14 2	1 21	7 29	0 4	13 43	1 14	17 39	1 11	14 2	0 19	2 31	1 59	34 25	13 24	23 49	23 49	24 30			n.a.
M 9	2 10	15 40	2 57	3 50	1 12	13 38	1 24	7 46	0 4	13 39	1 15	17 41	1 10	14 1	0 19	2 32	1 59	34 25	13 24	23 49	23 49	24 30			n.a.
T 10	2 34	19 45	1 53	4 17	1 27	13 15	1 26	8 4	0 5	13 35	1 15	17 42	1 10	14 0	0 19	2 33	1 59	34 25	13 24	23 49	23 49	24 30			n.a.
W11	2 59	22 44	0 42	4 37	1 40	12 50	1 28	8 22	0 6	13 31	1 15	17 44	1 10	14 0	0 19	2 34	1 59	34 24	13 24	23 49	23 49	24 30			n.a.
T 12	3 23	24 19	0s32	4 51	1 51	12 26	1 29	8 39	0 6	13 27	1 15	17 45	1 10	13 59	0 19	2 35	1 59	34 24	13 23	23 49	23 49	24 30			n.a.
F 13	3 47	24 22	1 45	4 59	2 1	12 0	1 31	8 57	0 7	13 23	1 15	17 47	1 10	13 58	0 19	2 35	1 59	34 24	13 23	23 49	23 49	24 30			n.a.
S 14	4 11	22 50	2 51	5 1	2 8	11 35	1 33	9 14	0 8	13 19	1 15	17 48	1 10	13 57	0 19	2 36	1 59	34 24	13 23	23 49	23 49	24 31			n.a.
S 15	4 36	19 53	3 47	4 58	2 14	11 9	1 35	9 32	0 8	13 16	1 15	17 50	1 10	13 57	0 19	2 37	1 59	34 23	13 22	23 49	23 49	24 31			n.a.
M16	5 0	15 46	4 29	4 50	2 19	10 43	1 36	9 49	0 9	13 12	1 16	17 52	1 9	13 56	0 19	2 38	1 59	34 23	13 22	23 48	23 49	24 31			n.a.
T 17	5 24	10 49	4 54	4 37	2 22	10 17	1 38	10 6	0 10	13 8	1 16	17 53	1 9	13 55	0 19	2 39	1 59	34 23	13 22	23 48	23 49	24 31			n.a.
W18	5 48	5 21	5 1	4 20	2 23	9 50	1 39	10 24	0 10	13 4	1 16	17 55	1 9	13 54	0 19	2 40	1 59	34 23	13 22	23 48	23 49	24 31			n.a.
T 19	6 12	0n17	4 51	3 59	2 24	9 23	1 40	10 41	0 11	13 0	1 16	17 56	1 9	13 54	0 19	2 41	1 59	34 22	13 21	23 48	23 49	24 31			n.a.
F 20	6 36	5 48	4 25	3 35	2 24	8 55	1 41	10 58	0 12	12 57	1 16	17 58	1 9	13 53	0 19	2 42	1 59	34 22	13 21	23 47	23 49	24 31			n.a.
S 21	6 59	10 57	3 46	3 9	2 22	8 28	1 42	11 15	0 12	12 53	1 17	18 0	1 9	13 52	0 18	2 43	1 59	34 22	13 21	23 47	23 49	24 31			n.a.
S 22	7 23	15 31	2 55	2 40	2 20	8 0	1 43	11 32	0 13	12 49	1 17	18 1	1 9	13 51	0 18	2 44	1 59	34 22	13 20	23 47	23 49	24 31			n.a.
M23	7 46	19 17	1 58	2 9	2 18	7 32	1 44	11 48	0 14	12 46	1 17	18 3	1 9	13 51	0 18	2 44	1 59	34 21	13 20	23 47	23 48	24 31			n.a.
T 24	8 10	22 8	0 56	1 36	2 14	7 3	1 45	12 5	0 14	12 42	1 17	18 5	1 8	13 50	0 18	2 45	1 59	34 21	13 20	23 47	23 48	24 32			n.a.
W25	8 33	23 57	0n 8	1 1	2 10	6 35	1 46	12 22	0 15	12 39	1 17	18 6	1 8	13 49	0 18	2 46	1 59	34 21	13 20	23 47	23 48	24 32			n.a.
T 26	8 56	24 40	1 11	0 25	2 6	6 6	1 47	12 38	0 16	12 35	1 17	18 8	1 8	13 48	0 18	2 47	1 59	34 20	13 19	23 47	23 48	24 32			n.a.
F 27	9 19	24 15	2 10	0s12	2 1	5 37	1 47	12 55	0 16	12 32	1 18	18 10	1 8	13 47	0 18	2 48	1 59	34 20	13 19	23 47	23 48	24 32			n.a.
S 28	9 42	22 45	3 4	0 50	1 56	5 8	1 48	13 11	0 17	12 28	1 18	18 11	1 8	13 47	0 18	2 49	1 59	34 20	13 19	23 47	23 48	24 32			n.a.
S 29	10 5	20 13	3 51	1 28	1 50	4 38	1 48	13 27	0 18	12 25	1 18	18 13	1 8	13 46	0 18	2 50	1 59	34 19	13 18	23 47	23 48	24 32			n.a.
M30	10 27	16 46	4 28	2 8	1 44	4 9	1 48	13 44	0 18	12 21	1 18	18 15	1 8	13 45	0 18	2 50	1 59	34 19	13 18	23 46	23 48	24 32			n.a.
T 31	10s50	12n30	4n53	2s48	1n38	3n39	1n48	14s 0	0s19	12n18	1n18	18s16	1n 8	13n44	0s18	2s51	1n59	34s19	13s18	23n46	23n48	24n32			n.a.

Julian Day Number = 1296545.5, Delta T = 07h54m18s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'55, Lahiri = -20°00'55 Julian Calendar 1 Oct. 1164 BCE == Greg. Calendar 20 Sept. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

NOVEMBER 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 57 42	28♎43'27	22♍42	12♎ 8	26♍17	6♏37	1♍46	25♏16	6°R48	11♎41	26♑ 2	25°R50	26♊57	15♋53	n.a.	W 1
T 2	2 1 38	29°44'39	5♎53	13°36	27°32	7°23	1°56	25°22	6♉46	11°44	26° 3	25♊40	26°53	16° 0	n.a.	T 2
F 3	2 5 35	0♏45'51	19°25	15° 5	28°46	8° 9	2° 5	25°29	6°43	11°46	26° 3	25°30	26°50	16° 6	n.a.	F 3
S 4	2 9 31	1°47'05	3♏16	16°34	0♎ 0	8°54	2°15	25°35	6°41	11°48	26° 3	25°21	26°47	16°13	n.a.	S 4
S 5	2 13 28	2°48'19	17°22	18° 4	1°15	9°40	2°24	25°42	6°38	11°50	26° 4	25°14	26°44	16°20	n.a.	S 5
M 6	2 17 24	3°49'34	1♐37	19°34	2°29	10°26	2°33	25°49	6°36	11°52	26° 4	25° 9	26°41	16°26	n.a.	M 6
T 7	2 21 21	4°50'49	15°58	21° 4	3°44	11°11	2°42	25°56	6°33	11°54	26° 4	25° 7	26°38	16°33	n.a.	T 7
W 8	2 25 18	5°52'05	0♑18	22°35	4°58	11°57	2°51	26° 2	6°31	11°56	26° 5	25°D 6	26°34	16°40	n.a.	W 8
T 9	2 29 14	6°53'21	14°35	24° 6	6°13	12°43	3° 0	26° 9	6°28	11°59	26° 5	25° 7	26°31	16°46	n.a.	T 9
F 10	2 33 11	7°54'38	28°46	25°37	7°27	13°29	3° 9	26°16	6°25	12° 1	26° 6	25° 8	26°28	16°53	n.a.	F 10
S 11	2 37 7	8°55'54	12♒50	27° 9	8°42	14°15	3°17	26°23	6°23	12° 3	26° 6	25°R 9	26°25	17° 0	n.a.	S 11
S 12	2 41 4	9°57'10	26°46	28°41	9°56	15° 1	3°26	26°30	6°20	12° 5	26° 7	25° 7	26°22	17° 6	n.a.	S 12
M13	2 45 0	10°58'26	10♓34	0♏13	11°11	15°47	3°34	26°36	6°18	12° 7	26° 7	25° 4	26°18	17°13	n.a.	M13
T 14	2 48 57	11°59'43	24°12	1°45	12°26	16°33	3°42	26°43	6°15	12° 9	26° 8	24°58	26°15	17°20	n.a.	T 14
W15	2 52 54	13° 0'59	7♈38	3°18	13°40	17°19	3°50	26°50	6°13	12°11	26° 9	24°51	26°12	17°26	n.a.	W15
T 16	2 56 50	14° 2'15	20°53	4°50	14°55	18° 5	3°58	26°57	6°10	12°13	26° 9	24°44	26° 9	17°33	n.a.	T 16
F 17	3 0 47	15° 3'32	3♉55	6°23	16°10	18°52	4° 6	27° 4	6° 8	12°15	26°10	24°37	26° 6	17°40	n.a.	F 17
S 18	3 4 43	16° 4'49	16°42	7°56	17°24	19°38	4°14	27°11	6° 5	12°17	26°11	24°30	26° 3	17°46	n.a.	S 18
S 19	3 8 40	17° 6'05	29°15	9°30	18°39	20°24	4°21	27°18	6° 3	12°19	26°11	24°26	25°59	17°53	n.a.	S 19
M20	3 12 36	18° 7'22	11♊33	11° 4	19°54	21°10	4°29	27°25	6° 0	12°21	26°12	24°23	25°56	18° 0	n.a.	M20
T 21	3 16 33	19° 8'40	23°40	12°38	21° 9	21°57	4°36	27°32	5°58	12°23	26°13	24°D22	25°53	18° 6	n.a.	T 21
W22	3 20 29	20° 9'57	5♋36	14°12	22°24	22°43	4°43	27°39	5°55	12°24	26°14	24°23	25°50	18°13	n.a.	W22
T 23	3 24 26	21°11'14	17°26	15°46	23°38	23°30	4°50	27°46	5°53	12°26	26°15	24°24	25°47	18°20	n.a.	T 23
F 24	3 28 23	22°12'32	29°14	17°21	24°53	24°16	4°57	27°53	5°50	12°28	26°15	24°26	25°43	18°26	n.a.	F 24
S 25	3 32 19	23°13'50	11♌ 4	18°56	26° 8	25° 2	5° 4	28° 0	5°48	12°30	26°16	24°28	25°40	18°33	n.a.	S 25
S 26	3 36 16	24°15'07	23° 2	20°32	27°23	25°49	5°11	28° 7	5°45	12°32	26°17	24°R29	25°37	18°39	n.a.	S 26
M27	3 40 12	25°16'25	5♍11	22° 8	28°38	26°36	5°17	28°14	5°43	12°34	26°18	24°28	25°34	18°46	n.a.	M27
T 28	3 44 9	26°17'43	17°39	23°44	29°53	27°22	5°23	28°21	5°41	12°35	26°19	24°26	25°31	18°53	n.a.	T 28
W29	3 48 5	27°19'00	0♎27	25°20	1♏ 8	28° 9	5°29	28°28	5°38	12°37	26°20	24°23	25°28	18°59	n.a.	W29
T 30	3 52 2	28♏20'18	13♎40	26♏57	2♏22	28♏55	5♍35	28♏35	5♉36	12♎39	26♑21	24♊19	25♊24	19♋ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s12	7n36	5n 5	3s28	1n32	3n 9	1n49	14s15	0s20	12n15	1n19	18s18	1n 7	13n43	0s18	2s52	1n59	34s18	13s17	23n46	23n48	24n32		n.a.
T 2	11 34	2 13	5 0	4 8	1 26	2 39	1 49	14 31	0 20	12 11	1 19	18 20	1 7	13 42	0 18	2 53	1 59	34 18	13 17	23 46	23 48	24 32		n.a.
F 3	11 56	3s25	4 39	4 49	1 19	2 9	1 49	14 47	0 21	12 8	1 19	18 22	1 7	13 42	0 18	2 54	1 59	34 18	13 17	23 45	23 48	24 32		n.a.
S 4	12 17	9 2	4 2	5 30	1 12	1 39	1 48	15 2	0 22	12 5	1 19	18 23	1 7	13 41	0 18	2 55	1 59	34 17	13 17	23 45	23 48	24 32		n.a.
S 5	12 39	14 17	3 9	6 11	1 6	1 9	1 48	15 18	0 22	12 2	1 20	18 25	1 7	13 40	0 18	2 56	1 59	34 17	13 16	23 45	23 48	24 32		n.a.
M 6	13 0	18 49	2 3	6 52	0 59	0 38	1 48	15 33	0 23	11 58	1 20	18 27	1 7	13 39	0 18	2 56	2 0	34 17	13 16	23 45	23 47	24 32		n.a.
T 7	13 21	22 16	0 49	7 33	0 52	0 8	1 47	15 48	0 24	11 55	1 20	18 28	1 7	13 38	0 18	2 57	2 0	34 16	13 16	23 44	23 47	24 32		n.a.
W 8	13 42	24 18	0s28	8 14	0 45	0s22	1 47	16 3	0 24	11 52	1 20	18 30	1 7	13 37	0 18	2 58	2 0	34 16	13 15	23 44	23 47	24 32		n.a.
T 9	14 2	24 44	1 43	8 54	0 38	0 53	1 47	16 18	0 25	11 49	1 20	18 32	1 7	13 36	0 18	2 59	2 0	34 16	13 15	23 44	23 47	24 32		n.a.
F 10	14 23	23 32	2 52	9 35	0 31	1 23	1 46	16 33	0 25	11 46	1 21	18 34	1 7	13 36	0 18	3 0	2 0	34 15	13 15	23 45	23 47	24 32		n.a.
S 11	14 43	20 53	3 49	10 15	0 24	1 54	1 45	16 47	0 26	11 43	1 21	18 35	1 6	13 35	0 18	3 0	2 0	34 15	13 15	23 45	23 47	24 32		n.a.
S 12	15 2	17 3	4 32	10 55	0 17	2 24	1 44	17 2	0 27	11 40	1 21	18 37	1 6	13 34	0 18	3 1	2 0	34 14	13 14	23 44	23 47	24 32		n.a.
M13	15 22	12 20	4 59	11 34	0 11	2 55	1 44	17 16	0 27	11 37	1 21	18 39	1 6	13 33	0 18	3 2	2 0	34 14	13 14	23 44	23 47	24 32		n.a.
T 14	15 41	7 3	5 9	12 13	0 4	3 25	1 43	17 30	0 28	11 35	1 22	18 40	1 6	13 32	0 18	3 3	2 0	34 14	13 14	23 44	23 47	24 32		n.a.
W15	16 0	1 31	5 2	12 52	0s 3	3 55	1 42	17 44	0 29	11 32	1 22	18 42	1 6	13 31	0 18	3 3	2 0	34 13	13 14	23 44	23 47	24 32		n.a.
T 16	16 19	4n 0	4 38	13 30	0 10	4 26	1 41	17 58	0 29	11 29	1 22	18 44	1 6	13 31	0 18	3 4	2 0	34 13	13 13	23 44	23 47	24 32		n.a.
F 17	16 37	9 16	4 0	14 8	0 16	4 56	1 40	18 12	0 30	11 26	1 22	18 45	1 6	13 30	0 18	3 5	2 0	34 12	13 13	23 43	23 46	24 31		n.a.
S 18	16 55	14 4	3 11	14 45	0 23	5 26	1 38	18 25	0 30	11 24	1 23	18 47	1 6	13 29	0 18	3 6	2 0	34 12	13 13	23 43	23 46	24 31		n.a.
S 19	17 13	18 10	2 13	15 21	0 29	5 56	1 37	18 38	0 31	11 21	1 23	18 49	1 6	13 28	0 18	3 6	2 0	34 12	13 12	23 43	23 46	24 31		n.a.
M20	17 31	21 24	1 9	15 57	0 36	6 26	1 36	18 51	0 32	11 19	1 23	18 51	1 6	13 27	0 18	3 7	2 0	34 11	13 12	23 43	23 46	24 31		n.a.
T 21	17 48	23 37	0 4	16 33	0 42	6 56	1 34	19 4	0 32	11 16	1 23	18 52	1 6	13 26	0 18	3 8	2 0	34 11	13 12	23 43	23 46	24 31		n.a.
W22	18 5	24 44	1n 1	17 7	0 48	7 25	1 33	19 17	0 33	11 14	1 24	18 54	1 5	13 26	0 18	3 9	2 0	34 10	13 12	23 43	23 46	24 31		n.a.
T 23	18 21	24 42	2 3	17 41	0 54	7 55	1 31	19 29	0 33	11 11	1 24	18 56	1 5	13 25	0 18	3 9	2 0	34 10	13 11	23 43	23 46	24 31		n.a.
F 24	18 37	23 34	2 59	18 14	0 59	8 24	1 30	19 42	0 34	11 9	1 24	18 57	1 5	13 24	0 18	3 10	2 0	34 10	13 11	23 43	23 46	24 31		n.a.
S 25	18 53	21 23	3 48	18 47	1 5	8 53	1 28	19 54	0 35	11 7	1 24	18 59	1 5	13 23	0 18	3 11	2 0	34 9	13 11	23 43	23 46	24 31		n.a.
S 26	19 9	18 16	4 28	19 18	1 10	9 22	1 27	20 6	0 35	11 5	1 25	19 1	1 5	13 22	0 18	3 11	2 0	34 9	13 11	23 43	23 46	24 30		n.a.
M27	19 24	14 21	4 57	19 49	1 16	9 51	1 25	20 17	0 36	11 3	1 25	19 2	1 5	13 22	0 18	3 12	2 0	34 8	13 10	23 43	23 45	24 30		n.a.
T 28	19 39	9 44	5 12	20 19	1 21	10 19	1 23	20 29	0 36	11 0	1 25	19 4	1 5	13 21	0 18	3 13	2 0	34 8	13 10	23 43	23 45	24 30		n.a.
W29	19 53	4 35	5 12	20 48	1 25	10 47	1 21	20 40	0 37	10 58	1 26	19 6	1 5	13 20	0 18	3 13	2 0	34 7	13 10	23 43	23 45	24 30		n.a.
T 30	20s 7	0s56	4n56	21s15	1s30	11s15	1n19	20s51	0s37	10n56	1n26	19s 7	1n 5	13n19	0s18	3s14	2n 0	34s 7	13s10	23n43	23n45	24n30		n.a.

Julian Day Number = 1296576.5, Delta T = 07h54m16s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'51, Lahiri = -20°00'50 Julian Calendar 1 Nov. 1164 BCE == Greg. Calendar 21 Oct. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1164 BCE
geocentric

DECEMBER 1164 BCE (-1163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 58	29♏21'35	27♎19	28♏35	3♏37	29♏42	5♍41	28♏42	5°R34	12♎41	26♑22	24°R15	25♊21	19♋13	n.a.	F 1
S 2	3 59 55	0♐22'53	11♏21	0♐13	4°52	0♐29	5°47	28°49	5♉31	12°42	26°23	24♊12	25°18	19°19	n.a.	S 2
S 3	4 3 52	1°24'10	25°45	1°51	6° 7	1°15	5°52	28°56	5°29	12°44	26°24	24° 9	25°15	19°26	n.a.	S 3
M 4	4 7 48	2°25'26	10♐24	3°29	7°22	2° 2	5°58	29° 4	5°27	12°45	26°25	24° 7	25°12	19°33	n.a.	M 4
T 5	4 11 45	3°26'42	25°11	5° 9	8°37	2°49	6° 3	29°11	5°25	12°47	26°26	24°D 6	25° 9	19°39	n.a.	T 5
W 6	4 15 41	4°27'57	9♑59	6°48	9°52	3°36	6° 8	29°18	5°23	12°49	26°27	24° 7	25° 5	19°46	n.a.	W 6
T 7	4 19 38	5°29'12	24°42	8°28	11° 7	4°23	6°13	29°25	5°20	12°50	26°28	24° 8	25° 2	19°53	n.a.	T 7
F 8	4 23 34	6°30'25	9♒13	10° 9	12°22	5° 9	6°17	29°32	5°18	12°52	26°29	24°10	24°59	19°59	n.a.	F 8
S 9	4 27 31	7°31'38	23°28	11°50	13°37	5°56	6°22	29°39	5°16	12°53	26°30	24°11	24°56	20° 6	n.a.	S 9
S 10	4 31 28	8°32'49	7♓27	13°31	14°52	6°43	6°26	29°46	5°14	12°55	26°32	24°R11	24°53	20°13	n.a.	S 10
M11	4 35 24	9°34'00	21° 8	15°13	16° 7	7°30	6°30	29°53	5°12	12°56	26°33	24°11	24°49	20°19	n.a.	M11
T 12	4 39 21	10°35'09	4♈32	16°55	17°22	8°17	6°34	29°59	5°10	12°58	26°34	24°10	24°46	20°26	n.a.	T 12
W13	4 43 17	11°36'17	17°40	18°38	18°36	9° 4	6°38	0♐ 7	5° 8	12°59	26°35	24° 8	24°43	20°33	n.a.	W13
T 14	4 47 14	12°37'24	0♉32	20°21	19°51	9°51	6°42	0°14	5° 6	13° 0	26°36	24° 7	24°40	20°39	n.a.	T 14
F 15	4 51 10	13°38'29	13°11	22° 4	21° 6	10°38	6°45	0°21	5° 5	13° 2	26°38	24° 5	24°37	20°46	n.a.	F 15
S 16	4 55 7	14°39'34	25°38	23°48	22°21	11°25	6°49	0°27	5° 3	13° 3	26°39	24° 4	24°34	20°53	n.a.	S 16
S 17	4 59 3	15°40'38	7♊54	25°31	23°36	12°12	6°52	0°34	5° 1	13° 4	26°40	24° 3	24°30	20°59	n.a.	S 17
M18	5 3 0	16°41'41	20° 0	27°15	24°51	12°59	6°55	0°41	4°59	13° 6	26°41	24°D 2	24°27	21° 6	n.a.	M18
T 19	5 6 57	17°42'42	1♋59	28°58	26° 6	13°46	6°58	0°48	4°58	13° 7	26°43	24° 2	24°24	21°13	n.a.	T 19
W20	5 10 53	18°43'43	13°52	0♑41	27°21	14°33	7° 0	0°55	4°56	13° 8	26°44	24° 3	24°21	21°19	n.a.	W20
T 21	5 14 50	19°44'42	25°41	2°24	28°36	15°20	7° 3	1° 2	4°54	13° 9	26°45	24° 3	24°18	21°26	n.a.	T 21
F 22	5 18 46	20°45'41	7♌29	4° 6	29°50	16° 7	7° 5	1° 9	4°53	13°10	26°47	24° 4	24°15	21°33	n.a.	F 22
S 23	5 22 43	21°46'38	19°20	5°46	1♐ 5	16°55	7° 7	1°15	4°51	13°11	26°48	24° 4	24°11	21°39	n.a.	S 23
S 24	5 26 39	22°47'35	1♍18	7°26	2°20	17°42	7° 9	1°22	4°50	13°12	26°50	24° 4	24° 8	21°46	n.a.	S 24
M25	5 30 36	23°48'30	13°26	9° 4	3°35	18°29	7°10	1°29	4°48	13°14	26°51	24°R 4	24° 5	21°53	n.a.	M25
T 26	5 34 33	24°49'25	25°49	10°40	4°50	19°16	7°12	1°36	4°47	13°15	26°52	24°D 4	24° 2	21°59	n.a.	T 26
W27	5 38 29	25°50'18	8♎32	12°13	6° 5	20° 3	7°13	1°42	4°45	13°15	26°54	24° 4	23°59	22° 6	n.a.	W27
T 28	5 42 26	26°51'10	21°38	13°44	7°20	20°50	7°14	1°49	4°44	13°16	26°55	24° 5	23°55	22°13	n.a.	T 28
F 29	5 46 22	27°52'01	5♏10	15°10	8°34	21°38	7°15	1°55	4°43	13°17	26°57	24° 5	23°52	22°19	n.a.	F 29
S 30	5 50 19	28°52'51	19° 9	16°33	9°49	22°25	7°16	2° 2	4°42	13°18	26°58	24° 5	23°49	22°26	n.a.	S 30
S 31	5 54 15	29♐53'40	3♐35	17♑50	11♐ 4	23♐12	7♍16	2♐ 9	4♉40	13♎19	27♑ 0	24♊ 6	23♊46	22♋33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s21	6s35	4n24	21s42	1s34	11s43	1n17	21s 2	0s38	10n54	1n26	19s 9	1n 5	13n18	0s18	3s15	2n 0	34s 7	13s 9	23n42	23n45	24n30		n.a.
S 2	20 34	12 6	3 34	22 8	1 38	12 11	1 15	21 13	0 39	10 53	1 26	19 10	1 5	13 18	0 18	3 15	2 0	34 6	13 9	23 42	23 45	24 30		n.a.
S 3	20 47	17 5	2 30	22 32	1 42	12 38	1 13	21 23	0 39	10 51	1 27	19 12	1 5	13 17	0 18	3 16	2 1	34 6	13 9	23 42	23 45	24 29		n.a.
M 4	20 59	21 8	1 15	22 56	1 46	13 4	1 11	21 33	0 40	10 49	1 27	19 14	1 5	13 16	0 18	3 16	2 1	34 5	13 9	23 42	23 45	24 29		n.a.
T 5	21 11	23 51	0s 6	23 18	1 49	13 31	1 9	21 43	0 40	10 47	1 27	19 15	1 5	13 16	0 18	3 17	2 1	34 5	13 9	23 42	23 45	24 29		n.a.
W 6	21 23	24 53	1 27	23 38	1 52	13 57	1 7	21 53	0 41	10 46	1 28	19 17	1 5	13 15	0 18	3 18	2 1	34 4	13 8	23 42	23 44	24 29		n.a.
T 7	21 34	24 11	2 41	23 58	1 55	14 23	1 5	22 3	0 41	10 44	1 28	19 18	1 4	13 14	0 18	3 18	2 1	34 4	13 8	23 42	23 44	24 29		n.a.
F 8	21 45	21 51	3 44	24 16	1 57	14 48	1 3	22 12	0 42	10 43	1 28	19 20	1 4	13 13	0 18	3 19	2 1	34 3	13 8	23 42	23 44	24 28		n.a.
S 9	21 55	18 11	4 32	24 32	1 59	15 14	1 0	22 21	0 42	10 41	1 28	19 22	1 4	13 13	0 18	3 19	2 1	34 3	13 8	23 42	23 44	24 28		n.a.
S 10	22 5	13 35	5 3	24 47	2 0	15 38	0 58	22 30	0 43	10 40	1 29	19 23	1 4	13 12	0 18	3 20	2 1	34 3	13 8	23 42	23 44	24 28		n.a.
M11	22 15	8 24	5 16	25 1	2 1	16 2	0 56	22 38	0 44	10 39	1 29	19 25	1 4	13 11	0 18	3 20	2 1	34 2	13 7	23 42	23 44	24 28		n.a.
T 12	22 24	2 55	5 11	25 12	2 2	16 26	0 53	22 46	0 44	10 37	1 29	19 26	1 4	13 11	0 18	3 21	2 1	34 2	13 7	23 42	23 44	24 27		n.a.
W13	22 33	2n35	4 50	25 22	2 2	16 50	0 51	22 54	0 45	10 36	1 30	19 28	1 4	13 10	0 18	3 21	2 1	34 1	13 7	23 42	23 44	24 27		n.a.
T 14	22 41	7 52	4 15	25 30	2 2	17 13	0 49	23 2	0 45	10 35	1 30	19 29	1 4	13 9	0 18	3 22	2 1	34 1	13 7	23 42	23 43	24 27		n.a.
F 15	22 49	12 45	3 28	25 37	2 1	17 35	0 46	23 10	0 46	10 34	1 30	19 31	1 4	13 9	0 18	3 22	2 1	34 0	13 7	23 42	23 43	24 27		n.a.
S 16	22 56	17 2	2 31	25 41	2 0	17 57	0 44	23 17	0 46	10 33	1 31	19 32	1 4	13 8	0 18	3 23	2 1	34 0	13 6	23 42	23 43	24 26		n.a.
S 17	23 3	20 32	1 28	25 44	1 58	18 19	0 41	23 24	0 47	10 32	1 31	19 34	1 4	13 8	0 18	3 23	2 1	33 59	13 6	23 42	23 43	24 26		n.a.
M18	23 9	23 5	0 22	25 44	1 56	18 40	0 39	23 31	0 47	10 31	1 31	19 35	1 4	13 7	0 18	3 24	2 1	33 59	13 6	23 42	23 43	24 26		n.a.
T 19	23 15	24 33	0n44	25 42	1 53	19 1	0 36	23 37	0 48	10 31	1 31	19 37	1 4	13 7	0 18	3 24	2 1	33 59	13 6	23 42	23 43	24 26		n.a.
W20	23 21	24 53	1 48	25 39	1 49	19 21	0 34	23 43	0 48	10 30	1 32	19 38	1 4	13 6	0 18	3 24	2 1	33 58	13 6	23 42	23 43	24 25		n.a.
T 21	23 26	24 5	2 47	25 33	1 44	19 40	0 31	23 49	0 49	10 29	1 32	19 40	1 4	13 5	0 18	3 25	2 2	33 58	13 6	23 42	23 42	24 25		n.a.
F 22	23 30	22 13	3 39	25 25	1 39	19 59	0 29	23 55	0 49	10 29	1 32	19 41	1 4	13 5	0 18	3 25	2 2	33 57	13 5	23 42	23 42	24 25		n.a.
S 23	23 34	19 24	4 21	25 15	1 33	20 17	0 26	24 0	0 50	10 28	1 33	19 43	1 4	13 4	0 18	3 26	2 2	33 57	13 5	23 42	23 42	24 24		n.a.
S 24	23 38	15 45	4 53	25 4	1 26	20 35	0 24	24 5	0 50	10 28	1 33	19 44	1 4	13 4	0 18	3 26	2 2	33 56	13 5	23 42	23 42	24 24		n.a.
M25	23 41	11 24	5 12	24 50	1 19	20 52	0 21	24 10	0 51	10 28	1 33	19 45	1 4	13 3	0 18	3 26	2 2	33 56	13 5	23 42	23 42	24 24		n.a.
T 26	23 44	6 32	5 18	24 34	1 10	21 9	0 18	24 14	0 51	10 27	1 34	19 47	1 4	13 3	0 18	3 27	2 2	33 55	13 5	23 42	23 42	24 23		n.a.
W27	23 46	1 16	5 8	24 16	1 1	21 25	0 16	24 19	0 51	10 27	1 34	19 48	1 4	13 3	0 18	3 27	2 2	33 55	13 5	23 42	23 42	24 23		n.a.
T 28	23 48	4s13	4 42	23 57	0 51	21 40	0 13	24 22	0 52	10 27	1 34	19 50	1 4	13 2	0 18	3 27	2 2	33 55	13 5	23 42	23 41	24 23		n.a.
F 29	23 49	9 42	4 0	23 37	0 40	21 55	0 11	24 26	0 52	10 27	1 35	19 51	1 4	13 2	0 18	3 28	2 2	33 54	13 4	23 42	23 41	24 22		n.a.
S 30	23 50	14 53	3 2	23 15	0 28	22 9	0 8	24 29	0 53	10 27	1 35	19 52	1 4	13 1	0 18	3 28	2 2	33 54	13 4	23 42	23 41	24 22		n.a.
S 31	23s50	19s23	1n52	22s52	0s15	22s23	0n 6	24s33	0s53	10n27	1n35	19s54	1n 4	13n 1	0s17	3s28	2n 2	33s53	13s 4	23n42	23n41	24n22		n.a.

Julian Day Number = 1296606.5, Delta T = 07h54m15s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'47, Lahiri = -20°00'46 Julian Calendar 1 Dec. 1164 BCE == Greg. Calendar 20 Nov. 1164 BCE

The year -1163 astronomical counting style corresponds to year 1164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

JANUARY 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 58 12	0♑54'27	18♐22	19♑ 2	12♐19	23♐59	7♍17	2♐15	4°R39	13♎20	27♑ 1	24°R 6	23♊43	22♋39	n.a.	M 1
T 2	6 2 8	1°55'13	3♑24	20° 8	13°34	24°47	7°R17	2°21	4♉38	13°21	27° 3	24♊ 6	23°40	22°46	n.a.	T 2
W 3	6 6 5	2°55'58	18°34	21° 6	14°49	25°34	7°17	2°28	4°37	13°21	27° 4	24° 6	23°36	22°53	n.a.	W 3
T 4	6 10 2	3°56'40	3♒40	21°56	16° 3	26°21	7°16	2°34	4°36	13°22	27° 6	24° 5	23°33	22°59	n.a.	T 4
F 5	6 13 58	4°57'21	18°35	22°38	17°18	27° 8	7°16	2°41	4°35	13°23	27° 7	24° 3	23°30	23° 6	n.a.	F 5
S 6	6 17 55	5°58'00	3♓11	23°10	18°33	27°56	7°15	2°47	4°34	13°24	27° 9	24° 2	23°27	23°13	n.a.	S 6
S 7	6 21 51	6°58'37	17°24	23°33	19°48	28°43	7°15	2°53	4°34	13°24	27°10	24° 1	23°24	23°19	n.a.	S 7
M 8	6 25 48	7°59'12	1♈11	23°46	21° 3	29°30	7°14	2°59	4°33	13°25	27°12	24° 0	23°21	23°26	n.a.	M 8
T 9	6 29 44	8°59'45	14°34	23°R48	22°17	0♑17	7°12	3° 6	4°32	13°25	27°13	24°D 0	23°17	23°33	n.a.	T 9
W10	6 33 41	10° 0'16	27°34	23°39	23°32	1° 5	7°11	3°12	4°31	13°26	27°15	24° 1	23°14	23°39	n.a.	W10
T 11	6 37 37	11° 0'45	10♉15	23°21	24°47	1°52	7° 9	3°18	4°31	13°26	27°16	24° 2	23°11	23°46	n.a.	T 11
F 12	6 41 34	12° 1'12	22°39	22°52	26° 1	2°39	7° 8	3°24	4°30	13°27	27°18	24° 3	23° 8	23°53	n.a.	F 12
S 13	6 45 31	13° 1'37	4♊51	22°15	27°16	3°26	7° 6	3°30	4°30	13°27	27°20	24° 5	23° 5	23°59	n.a.	S 13
S 14	6 49 27	14° 2'00	16°54	21°29	28°31	4°14	7° 4	3°36	4°29	13°28	27°21	24° 6	23° 1	24° 6	n.a.	S 14
M15	6 53 24	15° 2'21	28°49	20°37	29°45	5° 1	7° 1	3°42	4°29	13°28	27°23	24°R 6	22°58	24°13	n.a.	M15
T 16	6 57 20	16° 2'41	10♋41	19°39	1♑ 0	5°48	6°59	3°48	4°28	13°28	27°24	24° 5	22°55	24°19	n.a.	T 16
W17	7 1 17	17° 2'58	22°30	18°37	2°15	6°35	6°56	3°53	4°28	13°29	27°26	24° 3	22°52	24°26	n.a.	W17
T 18	7 5 13	18° 3'13	4♌20	17°33	3°29	7°22	6°53	3°59	4°28	13°29	27°28	23°59	22°49	24°33	n.a.	T 18
F 19	7 9 10	19° 3'27	16°11	16°28	4°44	8°10	6°50	4° 5	4°28	13°29	27°29	23°55	22°46	24°39	n.a.	F 19
S 20	7 13 7	20° 3'38	28° 6	15°24	5°59	8°57	6°47	4°10	4°28	13°29	27°31	23°51	22°42	24°46	n.a.	S 20
S 21	7 17 3	21° 3'48	10♍ 8	14°22	7°13	9°44	6°43	4°16	4°27	13°29	27°32	23°46	22°39	24°53	n.a.	S 21
M22	7 21 0	22° 3'56	22°19	13°23	8°28	10°31	6°40	4°21	4°D27	13°29	27°34	23°42	22°36	24°59	n.a.	M22
T 23	7 24 56	23° 4'02	4♎42	12°30	9°43	11°18	6°36	4°27	4°27	13°30	27°36	23°39	22°33	25° 6	n.a.	T 23
W24	7 28 53	24° 4'06	17°21	11°42	10°57	12° 6	6°32	4°32	4°28	13°30	27°37	23°38	22°30	25°13	n.a.	W24
T 25	7 32 49	25° 4'09	0♏21	10°59	12°12	12°53	6°28	4°38	4°28	13°R30	27°39	23°D38	22°27	25°19	n.a.	T 25
F 26	7 36 46	26° 4'10	13°43	10°24	13°26	13°40	6°24	4°43	4°28	13°30	27°41	23°39	22°23	25°26	n.a.	F 26
S 27	7 40 42	27° 4'09	27°30	9°55	14°41	14°27	6°20	4°48	4°28	13°30	27°42	23°40	22°20	25°33	n.a.	S 27
S 28	7 44 39	28° 4'07	11♐44	9°33	15°55	15°14	6°15	4°53	4°28	13°29	27°44	23°42	22°17	25°39	n.a.	S 28
M29	7 48 35	29° 4'03	26°23	9°18	17°10	16° 1	6°10	4°58	4°29	13°29	27°45	23°R42	22°14	25°46	n.a.	M29
T 30	7 52 32	0♒ 3'56	11♑22	9° 9	18°24	16°48	6° 5	5° 3	4°29	13°29	27°47	23°41	22°11	25°53	n.a.	T 30
W31	7 56 29	1♒ 3'48	26♑35	9°D 7	19♑39	17♑36	6♍ 0	5♐ 8	4♉29	13♎29	27♑49	23♊38	22♊ 7	25♋59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s50	22s47	0n32	22s28	0s 1	22s36	0n 3	24s35	0s54	10n27	1n35	19s55	1n 4	13n 1	0s17	3s28	2n 2	33s53	13s 4	23n42	23n41	24n21			n.a.
T 2	23 49	24 39	0s51	22 4	0n14	22 48	0 0	24 38	0 54	10 27	1 36	19 56	1 3	13 0	0 17	3 29	2 2	33 52	13 4	23 42	23 41	24 21			n.a.
W 3	23 48	24 42	2 12	21 40	0 29	22 59	0s 2	24 40	0 55	10 28	1 36	19 58	1 3	13 0	0 17	3 29	2 2	33 52	13 4	23 42	23 41	24 20			n.a.
T 4	23 46	22 56	3 22	21 16	0 45	23 10	0 5	24 42	0 55	10 28	1 36	19 59	1 3	13 0	0 17	3 29	2 2	33 52	13 4	23 42	23 40	24 20			n.a.
F 5	23 44	19 35	4 18	20 53	1 2	23 20	0 7	24 44	0 55	10 29	1 37	20 0	1 3	12 59	0 17	3 29	2 2	33 51	13 4	23 42	23 40	24 20			n.a.
S 6	23 42	15 6	4 56	20 31	1 19	23 29	0 10	24 45	0 56	10 29	1 37	20 1	1 3	12 59	0 17	3 30	2 3	33 51	13 4	23 42	23 40	24 19			n.a.
S 7	23 39	9 52	5 15	20 10	1 36	23 38	0 12	24 46	0 56	10 30	1 37	20 3	1 3	12 59	0 17	3 30	2 3	33 50	13 4	23 42	23 40	24 19			n.a.
M 8	23 35	4 19	5 15	19 51	1 53	23 46	0 15	24 47	0 57	10 30	1 38	20 4	1 3	12 59	0 17	3 30	2 3	33 50	13 3	23 42	23 40	24 18			n.a.
T 9	23 31	1n17	4 57	19 34	2 10	23 53	0 17	24 47	0 57	10 31	1 38	20 5	1 3	12 58	0 17	3 30	2 3	33 50	13 3	23 42	23 40	24 18			n.a.
W10	23 27	6 40	4 24	19 19	2 27	24 0	0 19	24 47	0 57	10 32	1 38	20 6	1 3	12 58	0 17	3 30	2 3	33 49	13 3	23 42	23 39	24 18			n.a.
T 11	23 22	11 40	3 40	19 7	2 42	24 5	0 22	24 47	0 58	10 33	1 39	20 7	1 3	12 58	0 17	3 30	2 3	33 49	13 3	23 42	23 39	24 17			n.a.
F 12	23 17	16 5	2 45	18 57	2 57	24 10	0 24	24 47	0 58	10 34	1 39	20 9	1 3	12 58	0 17	3 30	2 3	33 48	13 3	23 42	23 39	24 17			n.a.
S 13	23 11	19 45	1 44	18 49	3 11	24 15	0 26	24 46	0 59	10 35	1 39	20 10	1 3	12 58	0 17	3 31	2 3	33 48	13 3	23 42	23 39	24 16			n.a.
S 14	23 5	22 31	0 40	18 45	3 23	24 18	0 29	24 45	0 59	10 36	1 39	20 11	1 3	12 57	0 17	3 31	2 3	33 48	13 3	23 42	23 39	24 16			n.a.
M15	22 58	24 16	0n26	18 43	3 33	24 21	0 31	24 43	0 59	10 37	1 40	20 12	1 3	12 57	0 17	3 31	2 3	33 47	13 3	23 42	23 39	24 15			n.a.
T 16	22 51	24 54	1 30	18 43	3 42	24 23	0 33	24 42	1 0	10 38	1 40	20 13	1 3	12 57	0 17	3 31	2 3	33 47	13 3	23 42	23 38	24 15			n.a.
W17	22 44	24 23	2 30	18 45	3 48	24 24	0 36	24 40	1 0	10 39	1 40	20 14	1 3	12 57	0 17	3 31	2 3	33 47	13 3	23 42	23 38	24 14			n.a.
T 18	22 36	22 47	3 24	18 50	3 52	24 25	0 38	24 38	1 0	10 41	1 41	20 15	1 3	12 57	0 17	3 31	2 3	33 46	13 3	23 42	23 38	24 14			n.a.
F 19	22 27	20 11	4 8	18 56	3 53	24 25	0 40	24 35	1 1	10 42	1 41	20 16	1 3	12 57	0 17	3 31	2 3	33 46	13 3	23 41	23 38	24 13			n.a.
S 20	22 18	16 44	4 43	19 4	3 53	24 24	0 42	24 32	1 1	10 44	1 41	20 18	1 3	12 57	0 17	3 31	2 4	33 45	13 3	23 41	23 38	24 13			n.a.
S 21	22 9	12 35	5 5	19 14	3 50	24 22	0 44	24 29	1 1	10 45	1 41	20 19	1 3	12 57	0 17	3 31	2 4	33 45	13 3	23 41	23 38	24 12			n.a.
M22	22 0	7 53	5 13	19 24	3 46	24 19	0 46	24 26	1 2	10 47	1 42	20 20	1 3	12 57	0 17	3 31	2 4	33 45	13 3	23 41	23 37	24 12			n.a.
T 23	21 49	2 48	5 8	19 35	3 40	24 16	0 48	24 22	1 2	10 48	1 42	20 21	1 3	12 57	0 17	3 31	2 4	33 44	13 3	23 41	23 37	24 11			n.a.
W24	21 39	2s31	4 47	19 48	3 32	24 12	0 50	24 18	1 2	10 50	1 42	20 22	1 3	12 57	0 17	3 31	2 4	33 44	13 3	23 41	23 37	24 11			n.a.
T 25	21 28	7 52	4 11	20 0	3 23	24 8	0 52	24 14	1 2	10 52	1 43	20 23	1 3	12 57	0 17	3 31	2 4	33 44	13 3	23 41	23 37	24 10			n.a.
F 26	21 17	13 1	3 21	20 13	3 12	24 2	0 54	24 10	1 3	10 54	1 43	20 24	1 3	12 57	0 17	3 31	2 4	33 43	13 3	23 41	23 37	24 10			n.a.
S 27	21 5	17 41	2 18	20 27	3 1	23 56	0 56	24 5	1 3	10 56	1 43	20 25	1 3	12 57	0 17	3 31	2 4	33 43	13 3	23 41	23 36	24 9			n.a.
S 28	20 53	21 29	1 5	20 40	2 49	23 49	0 57	24 0	1 3	10 58	1 43	20 25	1 3	12 57	0 17	3 31	2 4	33 43	13 3	23 41	23 36	24 9			n.a.
M29	20 41	24 2	0s15	20 54	2 37	23 41	0 59	23 54	1 4	11 0	1 44	20 26	1 3	12 58	0 17	3 30	2 4	33 42	13 3	23 41	23 36	24 8			n.a.
T 30	20 28	24 55	1 35	21 7	2 24	23 33	1 1	23 49	1 4	11 2	1 44	20 27	1 3	12 58	0 17	3 30	2 4	33 42	13 3	23 41	23 36	24 8			n.a.
W31	20s15	23s57	2s50	21s20	2n11	23s24	1s 3	23s43	1s 4	11n 4	1n44	20s28	1n 3	12n58	0s17	3s30	2n 4	33s42	13s 3	23n41	23n36	24n 7			n.a.

Julian Day Number = 1296637.5, Delta T = 07h54m13s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'42, Lahiri = -20°00'42 Julian Calendar 1 Jan. 1163 BCE == Greg. Calendar 21 Dec. 1164 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

FEBRUARY 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 25	2♒ 3'38	11♒51	9♑11	20♑54	18♑23	5°R55	5♐13	4♉30	13°R29	27♑50	23°R33	22♊ 4	26♋ 6	n.a.	T 1
F 2	8 4 22	3° 3'25	27° 0	9°21	22° 8	19°10	5♍50	5°18	4°30	13♎29	27°52	23♊27	22° 1	26°13	n.a.	F 2
S 3	8 8 18	4° 3'10	11♓52	9°37	23°23	19°57	5°44	5°23	4°31	13°28	27°54	23°21	21°58	26°19	n.a.	S 3
S 4	8 12 15	5° 2'53	26°20	9°57	24°37	20°44	5°39	5°28	4°32	13°28	27°55	23°15	21°55	26°26	n.a.	S 4
M 5	8 16 11	6° 2'33	10♈19	10°23	25°51	21°31	5°33	5°32	4°32	13°28	27°57	23°11	21°52	26°33	n.a.	M 5
T 6	8 20 8	7° 2'11	23°49	10°54	27° 6	22°18	5°27	5°37	4°33	13°27	27°58	23° 8	21°48	26°39	n.a.	T 6
W 7	8 24 4	8° 1'47	6♉52	11°28	28°20	23° 5	5°21	5°41	4°34	13°27	28° 0	23°D 7	21°45	26°46	n.a.	W 7
T 8	8 28 1	9° 1'20	19°31	12° 7	29°35	23°52	5°15	5°46	4°35	13°26	28° 2	23° 8	21°42	26°53	n.a.	T 8
F 9	8 31 58	10° 0'50	1♊51	12°50	0♒49	24°38	5° 9	5°50	4°36	13°26	28° 3	23° 9	21°39	26°59	n.a.	F 9
S 10	8 35 54	11° 0'18	13°56	13°37	2° 4	25°25	5° 2	5°54	4°37	13°25	28° 5	23°10	21°36	27° 6	n.a.	S 10
S 11	8 39 51	11°59'44	25°52	14°27	3°18	26°12	4°56	5°58	4°38	13°25	28° 6	23°R11	21°33	27°13	n.a.	S 11
M12	8 43 47	12°59'08	7♋42	15°20	4°32	26°59	4°49	6° 2	4°39	13°24	28° 8	23° 9	21°29	27°19	n.a.	M12
T 13	8 47 44	13°58'29	19°29	16°16	5°47	27°46	4°42	6° 6	4°40	13°24	28°10	23° 6	21°26	27°26	n.a.	T 13
W14	8 51 40	14°57'48	1♌18	17°15	7° 1	28°33	4°36	6°10	4°41	13°23	28°11	23° 0	21°23	27°33	n.a.	W14
T 15	8 55 37	15°57'04	13°10	18°16	8°15	29°19	4°29	6°14	4°42	13°22	28°13	22°52	21°20	27°39	n.a.	T 15
F 16	8 59 33	16°56'18	25° 7	19°20	9°30	0♒ 6	4°22	6°18	4°44	13°22	28°14	22°42	21°17	27°46	n.a.	F 16
S 17	9 3 30	17°55'30	7♍10	20°27	10°44	0°53	4°15	6°22	4°45	13°21	28°16	22°32	21°13	27°53	n.a.	S 17
S 18	9 7 26	18°54'40	19°22	21°36	11°58	1°39	4° 8	6°25	4°46	13°20	28°17	22°21	21°10	27°59	n.a.	S 18
M19	9 11 23	19°53'48	1♎42	22°47	13°13	2°26	4° 0	6°29	4°48	13°19	28°19	22°12	21° 7	28° 6	n.a.	M19
T 20	9 15 20	20°52'54	14°13	24° 0	14°27	3°13	3°53	6°32	4°49	13°19	28°21	22° 4	21° 4	28°13	n.a.	T 20
W21	9 19 16	21°51'58	26°57	25°15	15°41	3°59	3°46	6°35	4°51	13°18	28°22	21°59	21° 1	28°19	n.a.	W21
T 22	9 23 13	22°51'00	9♏56	26°33	16°55	4°46	3°38	6°39	4°52	13°17	28°24	21°56	20°58	28°26	n.a.	T 22
F 23	9 27 9	23°50'00	23°13	27°52	18°10	5°32	3°31	6°42	4°54	13°16	28°25	21°D55	20°54	28°33	n.a.	F 23
S 24	9 31 6	24°48'58	6♐51	29°13	19°24	6°19	3°23	6°45	4°55	13°15	28°27	21°55	20°51	28°39	n.a.	S 24
S 25	9 35 2	25°47'55	20°51	0♒35	20°38	7° 5	3°16	6°48	4°57	13°14	28°28	21°R56	20°48	28°46	n.a.	S 25
M26	9 38 59	26°46'50	5♑14	2° 0	21°52	7°52	3° 8	6°51	4°59	13°13	28°29	21°55	20°45	28°53	n.a.	M26
T 27	9 42 55	27°45'42	19°57	3°26	23° 7	8°38	3° 1	6°54	5° 1	13°12	28°31	21°52	20°42	28°59	n.a.	T 27
W28	9 46 52	28♒44'33	4♒56	4♒54	24♒21	9♒25	2♍53	6♐57	5♉ 2	13♎11	28♑32	21♊47	20♊39	29♋ 6	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 2	21s14	3s52	21s33	1n58	23s14	1s 4	23s37	1s 4	11n 6	1n44	20s29	1n 3	12n58	0s17	3s30	2n 4	33s41	13s 3	23n40	23n36	24n 6		n.a.
F 2	19 48	17 3	4 38	21 46	1 45	23 4	1 6	23 30	1 5	11 8	1 44	20 30	1 3	12 58	0 17	3 30	2 4	33 41	13 3	23 40	23 35	24 6		n.a.
S 3	19 34	11 53	5 4	21 58	1 31	22 52	1 7	23 23	1 5	11 11	1 45	20 31	1 3	12 59	0 17	3 30	2 4	33 41	13 3	23 40	23 35	24 5		n.a.
S 4	19 19	6 12	5 10	22 9	1 18	22 41	1 9	23 17	1 5	11 13	1 45	20 32	1 3	12 59	0 17	3 29	2 5	33 41	13 3	23 40	23 35	24 5		n.a.
M 5	19 4	0 23	4 56	22 20	1 6	22 28	1 10	23 9	1 5	11 15	1 45	20 32	1 3	12 59	0 17	3 29	2 5	33 40	13 4	23 39	23 35	24 4		n.a.
T 6	18 49	5n16	4 27	22 30	0 53	22 15	1 11	23 2	1 5	11 18	1 45	20 33	1 3	12 59	0 17	3 29	2 5	33 40	13 4	23 39	23 35	24 3		n.a.
W 7	18 34	10 30	3 44	22 39	0 41	22 1	1 12	22 54	1 6	11 20	1 46	20 34	1 4	13 0	0 17	3 29	2 5	33 40	13 4	23 39	23 34	24 3		n.a.
T 8	18 18	15 9	2 52	22 48	0 29	21 46	1 14	22 46	1 6	11 23	1 46	20 35	1 4	13 0	0 17	3 29	2 5	33 39	13 4	23 39	23 34	24 2		n.a.
F 9	18 2	19 2	1 53	22 55	0 17	21 31	1 15	22 38	1 6	11 25	1 46	20 35	1 4	13 0	0 17	3 28	2 5	33 39	13 4	23 39	23 34	24 2		n.a.
S 10	17 45	22 2	0 50	23 2	0 6	21 15	1 16	22 29	1 6	11 28	1 46	20 36	1 4	13 1	0 17	3 28	2 5	33 39	13 4	23 39	23 34	24 1		n.a.
S 11	17 29	24 1	0n15	23 7	0s 5	20 59	1 17	22 21	1 6	11 30	1 46	20 37	1 4	13 1	0 16	3 28	2 5	33 39	13 4	23 39	23 34	24 0		n.a.
M12	17 12	24 54	1 18	23 12	0 16	20 42	1 18	22 12	1 7	11 33	1 46	20 38	1 4	13 1	0 16	3 28	2 5	33 38	13 4	23 39	23 33	24 0		n.a.
T 13	16 54	24 39	2 17	23 15	0 26	20 25	1 19	22 2	1 7	11 35	1 47	20 38	1 4	13 2	0 16	3 27	2 5	33 38	13 4	23 39	23 33	23 59		n.a.
W14	16 37	23 17	3 10	23 18	0 36	20 6	1 20	21 53	1 7	11 38	1 47	20 39	1 4	13 2	0 16	3 27	2 5	33 38	13 4	23 39	23 33	23 58		n.a.
T 15	16 19	20 54	3 56	23 19	0 45	19 48	1 20	21 43	1 7	11 41	1 47	20 40	1 4	13 3	0 16	3 27	2 5	33 38	13 5	23 38	23 33	23 58		n.a.
F 16	16 1	17 36	4 31	23 18	0 54	19 28	1 21	21 33	1 7	11 44	1 47	20 40	1 4	13 3	0 16	3 26	2 5	33 37	13 5	23 38	23 32	23 57		n.a.
S 17	15 43	13 33	4 54	23 17	1 3	19 8	1 22	21 23	1 7	11 46	1 47	20 41	1 4	13 4	0 16	3 26	2 5	33 37	13 5	23 37	23 32	23 56		n.a.
S 18	15 24	8 56	5 4	23 14	1 11	18 48	1 22	21 13	1 7	11 49	1 47	20 41	1 4	13 4	0 16	3 26	2 5	33 37	13 5	23 37	23 32	23 56		n.a.
M19	15 5	3 54	5 1	23 10	1 18	18 27	1 23	21 2	1 8	11 52	1 47	20 42	1 4	13 5	0 16	3 25	2 5	33 37	13 5	23 36	23 32	23 55		n.a.
T 20	14 46	1s22	4 43	23 4	1 26	18 6	1 24	20 51	1 8	11 55	1 48	20 43	1 4	13 5	0 16	3 25	2 6	33 37	13 5	23 35	23 32	23 54		n.a.
W21	14 27	6 40	4 10	22 57	1 32	17 44	1 24	20 40	1 8	11 57	1 48	20 43	1 4	13 6	0 16	3 25	2 6	33 36	13 5	23 35	23 31	23 54		n.a.
T 22	14 7	11 48	3 25	22 48	1 39	17 21	1 24	20 29	1 8	12 0	1 48	20 44	1 4	13 6	0 16	3 24	2 6	33 36	13 6	23 35	23 31	23 53		n.a.
F 23	13 48	16 31	2 27	22 38	1 45	16 59	1 25	20 18	1 8	12 3	1 48	20 44	1 4	13 7	0 16	3 24	2 6	33 36	13 6	23 35	23 31	23 52		n.a.
S 24	13 28	20 30	1 20	22 27	1 50	16 35	1 25	20 6	1 8	12 6	1 48	20 45	1 4	13 7	0 16	3 23	2 6	33 36	13 6	23 35	23 31	23 51		n.a.
S 25	13 8	23 25	0 6	22 14	1 55	16 11	1 25	19 54	1 8	12 9	1 48	20 45	1 4	13 8	0 16	3 23	2 6	33 36	13 6	23 35	23 31	23 51		n.a.
M26	12 47	24 54	1s10	21 59	2 0	15 47	1 25	19 42	1 8	12 12	1 48	20 46	1 4	13 9	0 16	3 22	2 6	33 36	13 6	23 35	23 30	23 50		n.a.
T 27	12 27	24 41	2 23	21 43	2 4	15 23	1 25	19 30	1 8	12 15	1 48	20 46	1 4	13 9	0 16	3 22	2 6	33 35	13 6	23 35	23 30	23 49		n.a.
W28	12s 6	22s42	3s28	21s25	2s 7	14s57	1s25	19s17	1s 8	12n17	1n48	20s47	1n 4	13n10	0s16	3s22	2n 6	33s35	13s 7	23n34	23n30	23n48		n.a.

Julian Day Number = 1296668.5, Delta T = 07h54m12s
Ecliptic obliquity = 23°50'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'38, Lahiri = -20°00'38 Julian Calendar 1 Feb. 1163 BCE == Greg. Calendar 21 Jan. 1163 BCE

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

MARCH 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 49	29♒43'22	20♒ 3	6♒23	25♒35	10♒11	2°R45	6♐59	5♉ 4	13°R10	28♑34	21°R39	20♊35	29♋13	n.a.	T 1
F 2	9 54 45	0♓42'09	5♓ 8	7°55	26°49	10°57	2♍38	7° 2	5° 6	13♎ 9	28°35	21♊29	20°32	29°20	n.a.	F 2
S 3	9 58 42	1°40'53	20° 2	9°27	28° 3	11°43	2°30	7° 4	5° 8	13° 8	28°37	21°19	20°29	29°26	n.a.	S 3
S 4	10 2 38	2°39'35	4♈34	11° 2	29°17	12°30	2°22	7° 7	5°10	13° 7	28°38	21° 9	20°26	29°33	n.a.	S 4
M 5	10 6 35	3°38'15	18°40	12°38	0♓32	13°16	2°15	7° 9	5°12	13° 6	28°39	21° 0	20°23	29°40	n.a.	M 5
T 6	10 10 31	4°36'53	2♉17	14°15	1°46	14° 2	2° 7	7°11	5°14	13° 5	28°41	20°54	20°19	29°46	n.a.	T 6
W 7	10 14 28	5°35'28	15°26	15°54	3° 0	14°48	1°59	7°13	5°16	13° 3	28°42	20°50	20°16	29°53	n.a.	W 7
T 8	10 18 24	6°34'01	28° 8	17°35	4°14	15°34	1°51	7°15	5°19	13° 2	28°44	20°49	20°13	29°59	n.a.	T 8
F 9	10 22 21	7°32'32	10♊30	19°17	5°28	16°20	1°44	7°17	5°21	13° 1	28°45	20°D48	20°10	0♌ 6	n.a.	F 9
S 10	10 26 17	8°31'00	22°35	21° 1	6°42	17° 6	1°36	7°19	5°23	13° 0	28°46	20°R49	20° 7	0°13	n.a.	S 10
S 11	10 30 14	9°29'27	4♋29	22°47	7°56	17°52	1°29	7°21	5°25	12°59	28°48	20°48	20° 4	0°20	n.a.	S 11
M12	10 34 11	10°27'51	16°18	24°34	9°10	18°38	1°21	7°22	5°28	12°57	28°49	20°45	20° 0	0°26	n.a.	M12
T 13	10 38 7	11°26'12	28° 6	26°22	10°24	19°24	1°14	7°24	5°30	12°56	28°50	20°40	19°57	0°33	n.a.	T 13
W14	10 42 4	12°24'32	9♌57	28°13	11°38	20°10	1° 6	7°25	5°33	12°55	28°51	20°33	19°54	0°40	n.a.	W14
T 15	10 46 0	13°22'49	21°53	0♓ 5	12°52	20°55	0°59	7°27	5°35	12°53	28°53	20°22	19°51	0°46	n.a.	T 15
F 16	10 49 57	14°21'05	3♍58	1°58	14° 6	21°41	0°51	7°28	5°37	12°52	28°54	20°10	19°48	0°53	n.a.	F 16
S 17	10 53 53	15°19'18	16°13	3°53	15°20	22°27	0°44	7°29	5°40	12°51	28°55	19°56	19°44	1° 0	n.a.	S 17
S 18	10 57 50	16°17'29	28°38	5°50	16°34	23°12	0°37	7°30	5°43	12°49	28°56	19°43	19°41	1° 6	n.a.	S 18
M19	11 1 46	17°15'39	11♎13	7°49	17°48	23°58	0°30	7°31	5°45	12°48	28°57	19°31	19°38	1°13	n.a.	M19
T 20	11 5 43	18°13'46	23°59	9°49	19° 2	24°44	0°23	7°32	5°48	12°46	28°59	19°20	19°35	1°20	n.a.	T 20
W21	11 9 39	19°11'52	6♏57	11°50	20°16	25°29	0°16	7°33	5°50	12°45	29° 0	19°13	19°32	1°26	n.a.	W21
T 22	11 13 36	20° 9'57	20° 6	13°53	21°30	26°15	0° 9	7°34	5°53	12°43	29° 1	19° 9	19°29	1°33	n.a.	T 22
F 23	11 17 33	21° 8'00	3♐29	15°57	22°44	27° 0	0° 2	7°34	5°56	12°42	29° 2	19° 7	19°25	1°40	n.a.	F 23
S 24	11 21 29	22° 6'01	17° 7	18° 3	23°58	27°45	29♌55	7°35	5°59	12°40	29° 3	19° 6	19°22	1°46	n.a.	S 24
S 25	11 25 26	23° 4'02	1♑ 0	20°10	25°12	28°31	29°49	7°35	6° 1	12°39	29° 4	19° 6	19°19	1°53	n.a.	S 25
M26	11 29 22	24° 2'00	15°10	22°18	26°26	29°16	29°42	7°35	6° 4	12°37	29° 5	19° 5	19°16	2° 0	n.a.	M26
T 27	11 33 19	24°59'57	29°36	24°26	27°39	0♓ 1	29°36	7°35	6° 7	12°36	29° 6	19° 2	19°13	2° 7	n.a.	T 27
W28	11 37 15	25°57'53	14♒14	26°35	28°53	0°46	29°30	7°36	6°10	12°34	29° 7	18°56	19°10	2°13	n.a.	W28
T 29	11 41 12	26°55'47	28°59	28°45	0♈ 7	1°32	29°23	7°R36	6°13	12°33	29° 8	18°48	19° 6	2°20	n.a.	T 29
F 30	11 45 8	27°53'40	13♓45	0♈55	1°21	2°17	29°17	7°35	6°16	12°31	29° 9	18°38	19° 3	2°27	n.a.	F 30
S 31	11 49 5	28♓51'31	28♓22	3♈ 5	2♈35	3♓ 2	29♌11	7♐35	6♉19	12♎30	29♑10	18♊27	19♊ 0	2♌33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s45	19s 6	4s18	21s 5	2s10	14s32	1s25	19s 5	1s 8	12n20	1n48	20s47	1n 4	13n10	0s16	3s21	2n 6	33s35	13s 7	23n34	23n30	23n48			n.a.
F 2	11 24	14 16	4 50	20 44	2 13	14 6	1 25	18 52	1 8	12 23	1 48	20 47	1 4	13 11	0 16	3 21	2 6	33 35	13 7	23 33	23 29	23 47			n.a.
S 3	11 3	8 38	5 2	20 21	2 15	13 40	1 25	18 39	1 8	12 26	1 48	20 48	1 4	13 12	0 16	3 20	2 6	33 35	13 7	23 33	23 29	23 46			n.a.
S 4	10 42	2 39	4 54	19 56	2 17	13 13	1 24	18 26	1 9	12 29	1 48	20 48	1 4	13 12	0 16	3 20	2 6	33 35	13 7	23 32	23 29	23 45			n.a.
M 5	10 20	3n18	4 28	19 30	2 18	12 47	1 24	18 12	1 9	12 32	1 48	20 48	1 4	13 13	0 16	3 19	2 6	33 35	13 8	23 31	23 29	23 45			n.a.
T 6	9 59	8 55	3 48	19 2	2 19	12 19	1 24	17 59	1 9	12 35	1 48	20 49	1 4	13 14	0 16	3 19	2 6	33 35	13 8	23 31	23 28	23 44			n.a.
W 7	9 37	13 55	2 56	18 32	2 19	11 52	1 23	17 45	1 9	12 37	1 48	20 49	1 4	13 15	0 16	3 18	2 6	33 34	13 8	23 31	23 28	23 43			n.a.
T 8	9 15	18 10	1 57	18 0	2 18	11 24	1 23	17 31	1 9	12 40	1 48	20 49	1 4	13 15	0 16	3 18	2 6	33 34	13 8	23 31	23 28	23 42			n.a.
F 9	8 53	21 29	0 55	17 27	2 17	10 56	1 22	17 17	1 9	12 43	1 48	20 50	1 4	13 16	0 16	3 17	2 6	33 34	13 9	23 31	23 28	23 41			n.a.
S 10	8 31	23 47	0n 9	16 52	2 16	10 27	1 21	17 3	1 9	12 46	1 48	20 50	1 4	13 17	0 16	3 17	2 6	33 34	13 9	23 31	23 27	23 41			n.a.
S 11	8 8	24 57	1 12	16 15	2 14	9 59	1 21	16 49	1 8	12 48	1 48	20 50	1 4	13 18	0 16	3 16	2 6	33 34	13 9	23 30	23 27	23 40			n.a.
M12	7 46	24 59	2 11	15 37	2 12	9 30	1 20	16 34	1 8	12 51	1 48	20 50	1 4	13 19	0 16	3 16	2 7	33 34	13 9	23 30	23 27	23 39			n.a.
T 13	7 23	23 53	3 4	14 56	2 9	9 0	1 19	16 20	1 8	12 54	1 48	20 51	1 4	13 19	0 16	3 15	2 7	33 34	13 9	23 30	23 27	23 38			n.a.
W14	7 1	21 43	3 49	14 14	2 5	8 31	1 18	16 5	1 8	12 56	1 48	20 51	1 4	13 20	0 16	3 14	2 7	33 34	13 10	23 29	23 27	23 37			n.a.
T 15	6 38	18 36	4 24	13 31	2 1	8 1	1 17	15 50	1 8	12 59	1 48	20 51	1 5	13 21	0 16	3 14	2 7	33 34	13 10	23 29	23 26	23 36			n.a.
F 16	6 15	14 40	4 48	12 45	1 56	7 32	1 16	15 35	1 8	13 2	1 48	20 51	1 5	13 22	0 16	3 13	2 7	33 34	13 10	23 28	23 26	23 36			n.a.
S 17	5 53	10 6	4 59	11 58	1 51	7 2	1 15	15 20	1 8	13 4	1 48	20 51	1 5	13 23	0 16	3 13	2 7	33 34	13 10	23 27	23 26	23 35			n.a.
S 18	5 30	5 4	4 56	11 9	1 45	6 31	1 14	15 5	1 8	13 7	1 48	20 52	1 5	13 24	0 16	3 12	2 7	33 34	13 11	23 26	23 26	23 34			n.a.
M19	5 7	0s14	4 39	10 18	1 39	6 1	1 13	14 49	1 8	13 9	1 48	20 52	1 5	13 25	0 16	3 12	2 7	33 34	13 11	23 25	23 25	23 33			n.a.
T 20	4 44	5 38	4 8	9 26	1 32	5 30	1 12	14 34	1 8	13 12	1 48	20 52	1 5	13 26	0 16	3 11	2 7	33 34	13 11	23 24	23 25	23 32			n.a.
W21	4 21	10 52	3 23	8 32	1 25	5 0	1 11	14 18	1 8	13 14	1 48	20 52	1 5	13 26	0 16	3 10	2 7	33 34	13 12	23 23	23 25	23 31			n.a.
T 22	3 57	15 42	2 27	7 37	1 17	4 29	1 9	14 2	1 8	13 17	1 47	20 52	1 5	13 27	0 16	3 10	2 7	33 34	13 12	23 23	23 25	23 30			n.a.
F 23	3 34	19 52	1 22	6 41	1 9	3 58	1 8	13 46	1 8	13 19	1 47	20 52	1 5	13 28	0 16	3 9	2 7	33 34	13 12	23 23	23 24	23 29			n.a.
S 24	3 11	23 1	0 11	5 43	1 0	3 27	1 6	13 30	1 8	13 21	1 47	20 52	1 5	13 29	0 16	3 9	2 7	33 34	13 12	23 23	23 24	23 28			n.a.
S 25	2 48	24 52	1s 3	4 44	0 51	2 56	1 5	13 14	1 7	13 23	1 47	20 52	1 5	13 30	0 16	3 8	2 7	33 34	13 13	23 23	23 24	23 28			n.a.
M26	2 24	25 9	2 13	3 44	0 41	2 25	1 3	12 58	1 7	13 26	1 47	20 52	1 5	13 31	0 16	3 7	2 7	33 34	13 13	23 23	23 23	23 27			n.a.
T 27	2 1	23 46	3 16	2 44	0 31	1 53	1 2	12 42	1 7	13 28	1 47	20 52	1 5	13 32	0 16	3 7	2 7	33 34	13 13	23 22	23 23	23 26			n.a.
W28	1 38	20 46	4 8	1 42	0 21	1 22	1 0	12 25	1 7	13 30	1 47	20 52	1 5	13 33	0 16	3 6	2 7	33 34	13 14	23 22	23 23	23 25			n.a.
T 29	1 14	16 26	4 43	0 40	0 11	0 51	0 59	12 9	1 7	13 32	1 47	20 52	1 5	13 34	0 16	3 6	2 7	33 34	13 14	23 21	23 23	23 24			n.a.
F 30	0 51	11 5	5 0	0n22	0 0	0 19	0 57	11 52	1 7	13 34	1 46	20 52	1 5	13 35	0 16	3 5	2 7	33 34	13 14	23 20	23 22	23 23			n.a.
S 31	0s28	5s10	4s56	1n24	0n10	0n12	0s55	11s36	1s 7	13n36	1n46	20s52	1n 5	13n36	0s15	3s 4	2n 7	33s34	13s14	23n19	23n22	23n22			n.a.

Julian Day Number = 1296696.5, Delta T = 07h54m10s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'34, Lahiri = -20°00'34 Julian Calendar 1 March 1163 BCE == Greg. Calendar 18 Feb. 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

APRIL 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 2	29♓49'20	12♈44	5♈14	3♈49	3♓47	29°R 6	7°R35	6♉22	12°R28	29♑11	18°R16	18♊57	2♌40	n.a.	S 1
M 2	11 56 58	0♈47'08	26°45	7°23	5° 2	4°32	29♌ 0	7♐35	6°25	12♎27	29°12	18♊ 6	18°54	2°47	n.a.	M 2
T 3	12 0 55	1°44'54	10♉20	9°31	6°16	5°16	28°54	7°34	6°28	12°25	29°13	17°59	18°50	2°53	n.a.	T 3
W 4	12 4 51	2°42'38	23°29	11°38	7°30	6° 1	28°49	7°34	6°31	12°23	29°14	17°54	18°47	3° 0	n.a.	W 4
T 5	12 8 48	3°40'21	6♊14	13°43	8°44	6°46	28°44	7°33	6°34	12°22	29°14	17°52	18°44	3° 7	n.a.	T 5
F 6	12 12 44	4°38'02	18°37	15°46	9°58	7°31	28°39	7°32	6°37	12°20	29°15	17°D52	18°41	3°13	n.a.	F 6
S 7	12 16 41	5°35'41	0♋45	17°47	11°11	8°15	28°34	7°31	6°40	12°19	29°16	17°R52	18°38	3°20	n.a.	S 7
S 8	12 20 37	6°33'18	12°41	19°47	12°25	9° 0	28°29	7°30	6°43	12°17	29°17	17°52	18°35	3°27	n.a.	S 8
M 9	12 24 34	7°30'54	24°32	21°43	13°39	9°45	28°24	7°29	6°47	12°15	29°18	17°50	18°31	3°33	n.a.	M 9
T 10	12 28 31	8°28'28	6♌22	23°38	14°53	10°29	28°20	7°28	6°50	12°14	29°18	17°47	18°28	3°40	n.a.	T 10
W11	12 32 27	9°26'01	18°16	25°29	16° 6	11°14	28°15	7°27	6°53	12°12	29°19	17°41	18°25	3°47	n.a.	W11
T 12	12 36 24	10°23'31	0♍17	27°18	17°20	11°58	28°11	7°25	6°56	12°11	29°20	17°33	18°22	3°53	n.a.	T 12
F 13	12 40 20	11°21'01	12°30	29° 4	18°34	12°42	28° 7	7°24	7° 0	12° 9	29°21	17°23	18°19	4° 0	n.a.	F 13
S 14	12 44 17	12°18'29	24°56	0♉46	19°47	13°27	28° 3	7°23	7° 3	12° 7	29°21	17°12	18°15	4° 7	n.a.	S 14
S 15	12 48 13	13°15'55	7♎35	2°26	21° 1	14°11	28° 0	7°21	7° 6	12° 6	29°22	17° 0	18°12	4°13	n.a.	S 15
M16	12 52 10	14°13'21	20°29	4° 3	22°15	14°55	27°56	7°19	7°10	12° 4	29°22	16°50	18° 9	4°20	n.a.	M16
T 17	12 56 6	15°10'45	3♏35	5°36	23°28	15°39	27°53	7°17	7°13	12° 2	29°23	16°42	18° 6	4°27	n.a.	T 17
W18	13 0 3	16° 8'08	16°53	7° 7	24°42	16°23	27°50	7°16	7°16	12° 1	29°24	16°36	18° 3	4°34	n.a.	W18
T 19	13 3 59	17° 5'30	0♐23	8°34	25°55	17° 7	27°47	7°14	7°20	11°59	29°24	16°32	18° 0	4°40	n.a.	T 19
F 20	13 7 56	18° 2'52	14° 2	9°58	27° 9	17°51	27°44	7°12	7°23	11°58	29°25	16°D31	17°56	4°47	n.a.	F 20
S 21	13 11 53	19° 0'12	27°51	11°18	28°23	18°35	27°41	7°10	7°26	11°56	29°25	16°32	17°53	4°54	n.a.	S 21
S 22	13 15 49	19°57'32	11♑49	12°36	29°36	19°19	27°38	7° 7	7°30	11°54	29°26	16°32	17°50	5° 0	n.a.	S 22
M23	13 19 46	20°54'51	25°55	13°49	0♉50	20° 3	27°36	7° 5	7°33	11°53	29°26	16°R33	17°47	5° 7	n.a.	M23
T 24	13 23 42	21°52'10	10♒ 9	15° 0	2° 3	20°46	27°34	7° 3	7°37	11°51	29°26	16°31	17°44	5°14	n.a.	T 24
W25	13 27 39	22°49'28	24°29	16° 7	3°17	21°30	27°32	7° 0	7°40	11°50	29°27	16°28	17°41	5°20	n.a.	W25
T 26	13 31 35	23°46'45	8♓51	17°10	4°30	22°14	27°30	6°58	7°44	11°48	29°27	16°22	17°37	5°27	n.a.	T 26
F 27	13 35 32	24°44'01	23°10	18°10	5°44	22°57	27°29	6°55	7°47	11°47	29°28	16°15	17°34	5°34	n.a.	F 27
S 28	13 39 28	25°41'17	7♈22	19° 6	6°58	23°41	27°27	6°52	7°51	11°45	29°28	16° 7	17°31	5°40	n.a.	S 28
S 29	13 43 25	26°38'32	21°22	19°58	8°11	24°24	27°26	6°50	7°54	11°43	29°28	15°59	17°28	5°47	n.a.	S 29
M30	13 47 22	27♈35'46	5♉ 4	20♉47	9♉25	25♓ 7	27♌25	6♐47	7♉58	11♎42	29♑28	15♊52	17♊25	5♌54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 4	0n55	4s34	2n26	0n21	0n44	0s53	11s19	1s 6	13n38	1n46	20s52	1n 5	13n37	0s15	3s 4	2n 7	33s34	13s15	23n18	23n22	23n21		n.a.
M 2	0n19	6 49	3 56	3 28	0 32	1 15	0 51	11 2	1 6	13 40	1 46	20 52	1 5	13 38	0 15	3 3	2 7	33 34	13 15	23 17	23 22	23 20		n.a.
T 3	0 42	12 14	3 5	4 29	0 42	1 46	0 50	10 45	1 6	13 42	1 46	20 52	1 5	13 39	0 15	3 2	2 7	33 35	13 15	23 17	23 21	23 19		n.a.
W 4	1 6	16 56	2 5	5 29	0 53	2 18	0 48	10 28	1 6	13 43	1 46	20 52	1 5	13 40	0 15	3 2	2 7	33 35	13 16	23 16	23 21	23 18		n.a.
T 5	1 29	20 42	1 1	6 28	1 3	2 49	0 46	10 11	1 6	13 45	1 45	20 52	1 5	13 41	0 15	3 1	2 7	33 35	13 16	23 16	23 21	23 17		n.a.
F 6	1 52	23 24	0n 4	7 25	1 13	3 20	0 44	9 54	1 5	13 47	1 45	20 51	1 5	13 42	0 15	3 0	2 7	33 35	13 16	23 16	23 21	23 16		n.a.
S 7	2 15	24 58	1 8	8 21	1 22	3 52	0 42	9 37	1 5	13 48	1 45	20 51	1 5	13 43	0 15	3 0	2 7	33 35	13 17	23 16	23 20	23 15		n.a.
S 8	2 39	25 20	2 8	9 15	1 31	4 23	0 40	9 20	1 5	13 50	1 45	20 51	1 5	13 44	0 15	2 59	2 7	33 35	13 17	23 16	23 20	23 14		n.a.
M 9	3 2	24 33	3 2	10 8	1 39	4 54	0 37	9 2	1 5	13 51	1 45	20 51	1 5	13 46	0 15	2 59	2 7	33 35	13 17	23 16	23 20	23 13		n.a.
T 10	3 25	22 40	3 48	10 59	1 47	5 25	0 35	8 45	1 5	13 53	1 44	20 51	1 5	13 47	0 15	2 58	2 7	33 36	13 18	23 16	23 19	23 12		n.a.
W11	3 48	19 47	4 24	11 47	1 55	5 56	0 33	8 28	1 4	13 54	1 44	20 50	1 5	13 48	0 15	2 57	2 7	33 36	13 18	23 15	23 19	23 11		n.a.
T 12	4 11	16 3	4 49	12 33	2 1	6 26	0 31	8 10	1 4	13 55	1 44	20 50	1 5	13 49	0 15	2 57	2 7	33 36	13 18	23 14	23 19	23 10		n.a.
F 13	4 34	11 36	5 2	13 18	2 7	6 57	0 29	7 53	1 4	13 56	1 44	20 50	1 5	13 50	0 15	2 56	2 7	33 36	13 19	23 13	23 19	23 9		n.a.
S 14	4 56	6 37	5 0	14 0	2 12	7 27	0 27	7 35	1 4	13 58	1 43	20 50	1 5	13 51	0 15	2 55	2 7	33 36	13 19	23 12	23 18	23 8		n.a.
S 15	5 19	1 16	4 44	14 39	2 17	7 57	0 24	7 18	1 3	13 59	1 43	20 49	1 5	13 52	0 15	2 55	2 7	33 36	13 19	23 11	23 18	23 7		n.a.
M16	5 42	4s14	4 13	15 17	2 21	8 28	0 22	7 0	1 3	14 0	1 43	20 49	1 5	13 53	0 15	2 54	2 7	33 37	13 20	23 10	23 18	23 6		n.a.
T 17	6 4	9 40	3 28	15 52	2 24	8 57	0 20	6 43	1 3	14 1	1 43	20 49	1 5	13 54	0 15	2 53	2 7	33 37	13 20	23 9	23 17	23 5		n.a.
W18	6 27	14 44	2 31	16 24	2 26	9 27	0 17	6 25	1 3	14 1	1 42	20 48	1 5	13 56	0 15	2 53	2 7	33 37	13 20	23 9	23 17	23 4		n.a.
T 19	6 49	19 11	1 25	16 55	2 27	9 57	0 15	6 7	1 2	14 2	1 42	20 48	1 5	13 57	0 15	2 52	2 7	33 37	13 21	23 8	23 17	23 3		n.a.
F 20	7 11	22 38	0 13	17 23	2 28	10 26	0 13	5 50	1 2	14 3	1 42	20 48	1 5	13 58	0 15	2 51	2 7	33 37	13 21	23 8	23 17	23 1		n.a.
S 21	7 34	24 49	1s 0	17 49	2 28	10 55	0 10	5 32	1 2	14 4	1 42	20 47	1 5	13 59	0 15	2 51	2 7	33 38	13 21	23 8	23 16	23 0		n.a.
S 22	7 56	25 29	2 11	18 12	2 27	11 24	0 8	5 14	1 1	14 4	1 41	20 47	1 5	14 0	0 15	2 50	2 7	33 38	13 22	23 8	23 16	22 59		n.a.
M23	8 18	24 30	3 15	18 33	2 25	11 52	0 5	4 56	1 1	14 5	1 41	20 47	1 5	14 1	0 15	2 50	2 7	33 38	13 22	23 8	23 16	22 58		n.a.
T 24	8 39	21 57	4 7	18 52	2 23	12 20	0 3	4 39	1 1	14 6	1 41	20 46	1 5	14 2	0 15	2 49	2 7	33 38	13 23	23 8	23 15	22 57		n.a.
W25	9 1	18 2	4 44	19 9	2 19	12 48	0 1	4 21	1 0	14 6	1 41	20 46	1 5	14 4	0 15	2 48	2 7	33 39	13 23	23 8	23 15	22 56		n.a.
T 26	9 23	13 4	5 4	19 24	2 15	13 16	0n 2	4 3	1 0	14 6	1 40	20 45	1 5	14 5	0 15	2 48	2 7	33 39	13 23	23 7	23 15	22 55		n.a.
F 27	9 44	7 24	5 4	19 36	2 10	13 43	0 4	3 45	1 0	14 7	1 40	20 45	1 5	14 6	0 15	2 47	2 7	33 39	13 24	23 7	23 15	22 54		n.a.
S 28	10 5	1 23	4 46	19 46	2 4	14 10	0 7	3 27	0 59	14 7	1 40	20 45	1 5	14 7	0 15	2 47	2 7	33 39	13 24	23 6	23 14	22 53		n.a.
S 29	10 26	4n36	4 10	19 55	1 58	14 37	0 9	3 10	0 59	14 7	1 40	20 44	1 5	14 8	0 15	2 46	2 7	33 40	13 24	23 5	23 14	22 51		n.a.
M30	10n47	10n16	3s21	20n 1	1n50	15n 3	0n12	2s52	0s59	14n 7	1n39	20s44	1n 5	14n 9	0s15	2s45	2n 7	33s40	13s25	23n 4	23n14	22n50		n.a.

Julian Day Number = 1296727.5, Delta T = 07h54m08s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'30, Lahiri = -20°00'30 Julian Calendar 1 Apr. 1163 BCE == Greg. Calendar 21 March 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

MAY 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 18	28♈32'59	18♉27	21♉31	10♉38	25♓51	27°R24	6°R44	8♉ 1	11°R40	29♑29	15°R47	17♊21	6♌ 0	n.a.	T 1
W 2	13 55 15	29°30'12	1♊28	22°12	11°52	26°34	27♌23	6♐41	8° 5	11♎39	29°29	15♊44	17°18	6° 7	n.a.	W 2
T 3	13 59 11	0♉27'24	14° 9	22°48	13° 5	27°17	27°23	6°38	8° 8	11°37	29°29	15°D43	17°15	6°14	n.a.	T 3
F 4	14 3 8	1°24'35	26°32	23°20	14°19	28° 0	27°22	6°35	8°12	11°36	29°29	15°44	17°12	6°21	n.a.	F 4
S 5	14 7 4	2°21'45	8♋40	23°48	15°32	28°43	27°D22	6°31	8°15	11°34	29°30	15°45	17° 9	6°27	n.a.	S 5
S 6	14 11 1	3°18'54	20°37	24°12	16°46	29°26	27°22	6°28	8°19	11°33	29°30	15°46	17° 6	6°34	n.a.	S 6
M 7	14 14 58	4°16'02	2♌29	24°31	17°59	0♈ 9	27°22	6°25	8°22	11°31	29°30	15°R47	17° 2	6°41	n.a.	M 7
T 8	14 18 54	5°13'10	14°21	24°45	19°13	0°52	27°23	6°21	8°26	11°30	29°30	15°47	16°59	6°47	n.a.	T 8
W 9	14 22 51	6°10'17	26°17	24°55	20°26	1°35	27°23	6°18	8°30	11°28	29°30	15°45	16°56	6°54	n.a.	W 9
T 10	14 26 47	7° 7'23	8♍22	25° 0	21°39	2°18	27°24	6°14	8°33	11°27	29°30	15°41	16°53	7° 1	n.a.	T 10
F 11	14 30 44	8° 4'29	20°40	25°R 1	22°53	3° 1	27°25	6°11	8°37	11°26	29°R30	15°36	16°50	7° 7	n.a.	F 11
S 12	14 34 40	9° 1'33	3♎13	24°57	24° 6	3°43	27°26	6° 7	8°40	11°24	29°30	15°30	16°47	7°14	n.a.	S 12
S 13	14 38 37	9°58'38	16° 5	24°49	25°20	4°26	27°27	6° 4	8°44	11°23	29°30	15°24	16°43	7°21	n.a.	S 13
M14	14 42 33	10°55'42	29°14	24°37	26°33	5° 8	27°29	6° 0	8°47	11°21	29°30	15°19	16°40	7°27	n.a.	M14
T 15	14 46 30	11°52'45	12♏40	24°20	27°46	5°51	27°30	5°56	8°51	11°20	29°30	15°15	16°37	7°34	n.a.	T 15
W16	14 50 27	12°49'49	26°21	24° 0	29° 0	6°33	27°32	5°52	8°54	11°19	29°30	15°12	16°34	7°41	n.a.	W16
T 17	14 54 23	13°46'52	10♐16	23°36	0♊13	7°15	27°34	5°48	8°58	11°17	29°30	15°D11	16°31	7°48	n.a.	T 17
F 18	14 58 20	14°43'55	24°19	23° 9	1°26	7°58	27°36	5°44	9° 2	11°16	29°29	15°11	16°27	7°54	n.a.	F 18
S 19	15 2 16	15°40'59	8♑29	22°39	2°40	8°40	27°39	5°40	9° 5	11°15	29°29	15°12	16°24	8° 1	n.a.	S 19
S 20	15 6 13	16°38'02	22°43	22° 7	3°53	9°22	27°41	5°36	9° 9	11°14	29°29	15°13	16°21	8° 8	n.a.	S 20
M21	15 10 9	17°35'06	6♒58	21°33	5° 6	10° 4	27°44	5°32	9°12	11°12	29°29	15°14	16°18	8°14	n.a.	M21
T 22	15 14 6	18°32'10	21°11	20°58	6°20	10°46	27°46	5°28	9°16	11°11	29°29	15°R15	16°15	8°21	n.a.	T 22
W23	15 18 3	19°29'14	5♓20	20°22	7°33	11°28	27°49	5°24	9°19	11°10	29°28	15°14	16°12	8°28	n.a.	W23
T 24	15 21 59	20°26'18	19°24	19°46	8°46	12°10	27°53	5°20	9°23	11° 9	29°28	15°12	16° 8	8°34	n.a.	T 24
F 25	15 25 56	21°23'23	3♈19	19°10	10° 0	12°52	27°56	5°16	9°26	11° 8	29°28	15° 9	16° 5	8°41	n.a.	F 25
S 26	15 29 52	22°20'28	17° 5	18°36	11°13	13°33	27°59	5°12	9°30	11° 7	29°27	15° 6	16° 2	8°48	n.a.	S 26
S 27	15 33 49	23°17'33	0♉37	18° 4	12°26	14°15	28° 3	5° 7	9°33	11° 5	29°27	15° 3	15°59	8°55	n.a.	S 27
M28	15 37 45	24°14'39	13°56	17°34	13°39	14°57	28° 7	5° 3	9°37	11° 4	29°27	15° 0	15°56	9° 1	n.a.	M28
T 29	15 41 42	25°11'44	26°58	17° 7	14°53	15°38	28°11	4°59	9°40	11° 3	29°26	14°58	15°52	9° 8	n.a.	T 29
W30	15 45 38	26° 8'51	9♊45	16°43	16° 6	16°20	28°15	4°54	9°44	11° 2	29°26	14°D58	15°49	9°15	n.a.	W30
T 31	15 49 35	27♉ 5'57	22♊16	16♉23	17♊19	17♈ 1	28♌19	4♐50	9♉47	11♎ 1	29♑25	14♊58	15♊46	9♌21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 8	15n20	2s22	20n 5	1n42	15n29	0n14	2s34	0s58	14n 7	1n39	20s43	1n 5	14n10	0s15	2s45	2n 7	33s40	13s25	23n 4	23n13	22n49		n.a.
W 2	11 29	19 33	1 16	20 6	1 33	15 54	0 16	2 16	0 58	14 7	1 39	20 43	1 5	14 12	0 15	2 44	2 7	33 41	13 25	23 3	23 13	22 48		n.a.
T 3	11 49	22 44	0 9	20 6	1 23	16 19	0 19	1 58	0 58	14 7	1 39	20 42	1 5	14 13	0 15	2 44	2 7	33 41	13 26	23 3	23 13	22 47		n.a.
F 4	12 9	24 45	0n58	20 4	1 12	16 44	0 21	1 41	0 57	14 7	1 38	20 42	1 5	14 14	0 15	2 43	2 7	33 41	13 26	23 3	23 12	22 46		n.a.
S 5	12 29	25 34	2 1	20 0	1 0	17 8	0 24	1 23	0 57	14 7	1 38	20 41	1 5	14 15	0 15	2 42	2 7	33 41	13 26	23 3	23 12	22 44		n.a.
S 6	12 49	25 9	2 58	19 54	0 48	17 32	0 26	1 5	0 56	14 7	1 38	20 40	1 5	14 16	0 15	2 42	2 7	33 42	13 27	23 4	23 12	22 43		n.a.
M 7	13 9	23 36	3 46	19 46	0 35	17 56	0 28	0 47	0 56	14 6	1 37	20 40	1 5	14 17	0 15	2 41	2 7	33 42	13 27	23 4	23 11	22 42		n.a.
T 8	13 29	21 1	4 25	19 37	0 21	18 18	0 31	0 30	0 56	14 6	1 37	20 39	1 5	14 19	0 15	2 41	2 7	33 42	13 28	23 4	23 11	22 41		n.a.
W 9	13 48	17 32	4 53	19 25	0 7	18 41	0 33	0 12	0 55	14 5	1 37	20 39	1 5	14 20	0 15	2 40	2 7	33 43	13 28	23 3	23 11	22 40		n.a.
T 10	14 7	13 19	5 8	19 12	0s 8	19 3	0 35	0n 6	0 55	14 5	1 37	20 38	1 5	14 21	0 15	2 40	2 7	33 43	13 28	23 3	23 10	22 38		n.a.
F 11	14 26	8 29	5 9	18 58	0 23	19 24	0 38	0 23	0 54	14 4	1 36	20 38	1 5	14 22	0 15	2 39	2 7	33 43	13 29	23 2	23 10	22 37		n.a.
S 12	14 44	3 13	4 56	18 41	0 39	19 45	0 40	0 41	0 54	14 4	1 36	20 37	1 5	14 23	0 15	2 39	2 7	33 44	13 29	23 2	23 10	22 36		n.a.
S 13	15 3	2s19	4 27	18 24	0 55	20 6	0 42	0 58	0 54	14 3	1 36	20 36	1 5	14 25	0 15	2 38	2 7	33 44	13 29	23 1	23 10	22 35		n.a.
M14	15 21	7 53	3 44	18 5	1 11	20 26	0 45	1 16	0 53	14 2	1 35	20 36	1 5	14 26	0 15	2 38	2 7	33 44	13 30	23 1	23 9	22 34		n.a.
T 15	15 39	13 14	2 48	17 45	1 28	20 45	0 47	1 33	0 53	14 1	1 35	20 35	1 5	14 27	0 15	2 37	2 7	33 45	13 30	23 0	23 9	22 32		n.a.
W16	15 57	18 1	1 41	17 24	1 44	21 4	0 49	1 51	0 52	14 1	1 35	20 34	1 5	14 28	0 15	2 37	2 7	33 45	13 30	23 0	23 9	22 31		n.a.
T 17	16 14	21 55	0 27	17 2	2 1	21 22	0 51	2 8	0 52	14 0	1 35	20 34	1 5	14 29	0 15	2 36	2 6	33 46	13 31	23 0	23 8	22 30		n.a.
F 18	16 31	24 32	0s50	16 40	2 17	21 40	0 53	2 25	0 51	13 59	1 34	20 33	1 5	14 30	0 15	2 36	2 6	33 46	13 31	23 0	23 8	22 29		n.a.
S 19	16 48	25 37	2 4	16 17	2 32	21 57	0 56	2 43	0 51	13 58	1 34	20 32	1 5	14 31	0 15	2 35	2 6	33 46	13 31	23 0	23 8	22 27		n.a.
S 20	17 5	25 2	3 11	15 54	2 47	22 13	0 58	3 0	0 50	13 56	1 34	20 32	1 5	14 33	0 15	2 35	2 6	33 47	13 32	23 0	23 7	22 26		n.a.
M21	17 21	22 48	4 7	15 32	3 2	22 29	1 0	3 17	0 50	13 55	1 34	20 31	1 5	14 34	0 15	2 34	2 6	33 47	13 32	23 0	23 7	22 25		n.a.
T 22	17 38	19 11	4 47	15 9	3 15	22 44	1 2	3 34	0 49	13 54	1 33	20 30	1 5	14 35	0 15	2 34	2 6	33 48	13 33	23 0	23 7	22 23		n.a.
W23	17 53	14 29	5 9	14 48	3 27	22 58	1 4	3 52	0 49	13 53	1 33	20 30	1 5	14 36	0 15	2 33	2 6	33 48	13 33	23 0	23 6	22 22		n.a.
T 24	18 9	9 3	5 13	14 28	3 39	23 12	1 6	4 9	0 48	13 51	1 33	20 29	1 5	14 37	0 15	2 33	2 6	33 48	13 33	23 0	23 6	22 21		n.a.
F 25	18 24	3 12	4 58	14 8	3 49	23 26	1 7	4 26	0 48	13 50	1 32	20 28	1 5	14 38	0 15	2 33	2 6	33 49	13 34	22 59	23 6	22 20		n.a.
S 26	18 39	2n43	4 27	13 51	3 57	23 38	1 9	4 43	0 47	13 48	1 32	20 28	1 5	14 39	0 15	2 32	2 6	33 49	13 34	22 59	23 5	22 18		n.a.
S 27	18 54	8 27	3 40	13 35	4 5	23 50	1 11	4 59	0 47	13 47	1 32	20 27	1 4	14 41	0 15	2 32	2 6	33 50	13 34	22 59	23 5	22 17		n.a.
M28	19 9	13 42	2 43	13 21	4 10	24 1	1 13	5 16	0 46	13 45	1 32	20 26	1 4	14 42	0 15	2 31	2 6	33 50	13 35	22 58	23 5	22 16		n.a.
T 29	19 23	18 13	1 38	13 9	4 15	24 12	1 15	5 33	0 46	13 44	1 31	20 26	1 4	14 43	0 15	2 31	2 6	33 50	13 35	22 58	23 4	22 14		n.a.
W30	19 36	21 48	0 29	13 0	4 18	24 21	1 16	5 50	0 45	13 42	1 31	20 25	1 4	14 44	0 15	2 31	2 6	33 51	13 35	22 58	23 4	22 13		n.a.
T 31	19n50	24n16	0n40	12n53	4s19	24n30	1n18	6n 6	0s45	13n40	1n31	20s24	1n 4	14n45	0s15	2s30	2n 6	33s51	13s36	22n58	23n 4	22n12		n.a.

Julian Day Number = 1296757.5, Delta T = 07h54m07s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'26, Lahiri = -20°00'26 Julian Calendar 1 May 1163 BCE == Greg. Calendar 20 Apr. 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

JUNE 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 53 32	28♉ 3'04	4♋32	16°R 7	18♊32	17♈43	28♌24	4°R46	9♉51	11°R 0	29°R25	14♊58	15♊43	9♌28	n.a.	F 1
S 2	15 57 28	29° 0'10	16°37	15♉56	19°46	18°24	28°28	4♐41	9°54	10♎59	29♑24	15° 0	15°40	9°35	n.a.	S 2
S 3	16 1 25	29°57'17	28°34	15°49	20°59	19° 5	28°33	4°37	9°57	10°58	29°24	15° 1	15°37	9°41	n.a.	S 3
M 4	16 5 21	0♊54'24	10♌26	15°D47	22°12	19°46	28°38	4°33	10° 1	10°57	29°23	15° 2	15°33	9°48	n.a.	M 4
T 5	16 9 18	1°51'31	22°18	15°51	23°25	20°27	28°43	4°28	10° 4	10°57	29°23	15° 3	15°30	9°55	n.a.	T 5
W 6	16 13 14	2°48'39	4♍14	16° 0	24°38	21° 8	28°49	4°24	10° 7	10°56	29°22	15°R 3	15°27	10° 2	n.a.	W 6
T 7	16 17 11	3°45'46	16°19	16°14	25°51	21°49	28°54	4°19	10°11	10°55	29°22	15° 3	15°24	10° 8	n.a.	T 7
F 8	16 21 7	4°42'54	28°38	16°34	27° 5	22°30	28°59	4°15	10°14	10°54	29°21	15° 2	15°21	10°15	n.a.	F 8
S 9	16 25 4	5°40'02	11♎14	16°59	28°18	23°11	29° 5	4°11	10°17	10°53	29°20	15° 1	15°18	10°22	n.a.	S 9
S 10	16 29 1	6°37'11	24°10	17°29	29°31	23°52	29°11	4° 6	10°21	10°53	29°20	15° 0	15°14	10°28	n.a.	S 10
M11	16 32 57	7°34'20	7♏28	18° 5	0♋44	24°32	29°17	4° 2	10°24	10°52	29°19	14°59	15°11	10°35	n.a.	M11
T 12	16 36 54	8°31'29	21° 8	18°47	1°57	25°13	29°23	3°57	10°27	10°51	29°18	14°58	15° 8	10°42	n.a.	T 12
W13	16 40 50	9°28'39	5♐ 9	19°34	3°10	25°53	29°29	3°53	10°30	10°51	29°18	14°58	15° 5	10°48	n.a.	W13
T 14	16 44 47	10°25'50	19°27	20°26	4°23	26°34	29°36	3°49	10°34	10°50	29°17	14°D58	15° 2	10°55	n.a.	T 14
F 15	16 48 43	11°23'02	3♑57	21°23	5°36	27°14	29°42	3°44	10°37	10°49	29°16	14°58	14°58	11° 2	n.a.	F 15
S 16	16 52 40	12°20'15	18°34	22°26	6°49	27°55	29°49	3°40	10°40	10°49	29°15	14°58	14°55	11° 9	n.a.	S 16
S 17	16 56 37	13°17'29	3♒11	23°34	8° 2	28°35	29°56	3°36	10°43	10°48	29°15	14°59	14°52	11°15	n.a.	S 17
M18	17 0 33	14°14'44	17°43	24°47	9°15	29°15	0♍ 3	3°31	10°46	10°48	29°14	14°59	14°49	11°22	n.a.	M18
T 19	17 4 30	15°11'59	2♓ 5	26° 4	10°28	29°55	0°10	3°27	10°49	10°47	29°13	14°R59	14°46	11°29	n.a.	T 19
W20	17 8 26	16° 9'16	16°15	27°27	11°41	0♉35	0°17	3°23	10°52	10°47	29°12	14°D59	14°43	11°35	n.a.	W20
T 21	17 12 23	17° 6'35	0♈10	28°54	12°54	1°15	0°24	3°18	10°55	10°46	29°11	14°59	14°39	11°42	n.a.	T 21
F 22	17 16 19	18° 3'54	13°50	0♊25	14° 7	1°55	0°32	3°14	10°58	10°46	29°10	14°59	14°36	11°49	n.a.	F 22
S 23	17 20 16	19° 1'15	27°14	2° 1	15°20	2°35	0°39	3°10	11° 1	10°46	29° 9	14°59	14°33	11°55	n.a.	S 23
S 24	17 24 12	19°58'37	10♉23	3°41	16°33	3°15	0°47	3° 6	11° 4	10°45	29° 9	15° 0	14°30	12° 2	n.a.	S 24
M25	17 28 9	20°56'01	23°18	5°24	17°46	3°54	0°55	3° 2	11° 7	10°45	29° 8	15° 0	14°27	12° 9	n.a.	M25
T 26	17 32 6	21°53'26	5♊59	7°11	18°58	4°34	1° 3	2°58	11°10	10°45	29° 7	15° 0	14°24	12°16	n.a.	T 26
W27	17 36 2	22°50'52	18°28	9° 1	20°11	5°14	1°11	2°54	11°13	10°44	29° 6	15°R 1	14°20	12°22	n.a.	W27
T 28	17 39 59	23°48'19	0♋45	10°54	21°24	5°53	1°19	2°50	11°16	10°44	29° 5	15° 0	14°17	12°29	n.a.	T 28
F 29	17 43 55	24°45'47	12°53	12°50	22°37	6°32	1°27	2°46	11°19	10°44	29° 4	14°59	14°14	12°36	n.a.	F 29
S 30	17 47 52	25♊43'17	24♋53	14♊47	23♋50	7♉12	1♍36	2♐42	11♉22	10♎44	29♑ 3	14♊58	14♊11	12♌42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 3	25n31	1n46	12n48	4s19	24n39	1n19	6n23	0s44	13n38	1n31	20s23	1n 4	14n46	0s15	2s30	2n 6	33s52	13s36	22n58	23n 3	22n10		n.a.
S 2	20 16	25 32	2 46	12 46	4 18	24 46	1 21	6 39	0 44	13 36	1 30	20 23	1 4	14 47	0 15	2 30	2 6	33 52	13 36	22 58	23 3	22 9		n.a.
S 3	20 28	24 21	3 38	12 47	4 15	24 53	1 22	6 56	0 43	13 34	1 30	20 22	1 4	14 48	0 15	2 29	2 6	33 53	13 37	22 59	23 3	22 8		n.a.
M 4	20 41	22 5	4 21	12 50	4 11	25 0	1 24	7 12	0 43	13 32	1 30	20 21	1 4	14 49	0 15	2 29	2 6	33 53	13 37	22 59	23 2	22 6		n.a.
T 5	20 52	18 54	4 52	12 56	4 6	25 5	1 25	7 28	0 42	13 30	1 29	20 20	1 4	14 51	0 15	2 29	2 6	33 53	13 37	22 59	23 2	22 5		n.a.
W 6	21 4	14 55	5 11	13 5	3 59	25 10	1 26	7 44	0 42	13 28	1 29	20 20	1 4	14 52	0 15	2 28	2 6	33 54	13 37	22 59	23 1	22 3		n.a.
T 7	21 15	10 19	5 16	13 16	3 52	25 14	1 28	8 0	0 41	13 26	1 29	20 19	1 4	14 53	0 15	2 28	2 5	33 54	13 38	22 59	23 1	22 2		n.a.
F 8	21 26	5 15	5 8	13 29	3 44	25 17	1 29	8 16	0 41	13 24	1 29	20 18	1 4	14 54	0 15	2 28	2 5	33 55	13 38	22 59	23 1	22 1		n.a.
S 9	21 36	0s10	4 44	13 45	3 35	25 19	1 30	8 32	0 40	13 22	1 28	20 17	1 3	14 55	0 15	2 28	2 5	33 55	13 38	22 59	23 0	21 59		n.a.
S 10	21 46	5 43	4 6	14 4	3 25	25 21	1 31	8 48	0 39	13 19	1 28	20 17	1 3	14 56	0 15	2 27	2 5	33 56	13 39	22 58	23 0	21 58		n.a.
M11	21 56	11 11	3 13	14 24	3 14	25 22	1 32	9 4	0 39	13 17	1 28	20 16	1 3	14 57	0 15	2 27	2 5	33 56	13 39	22 58	23 0	21 56		n.a.
T 12	22 5	16 17	2 8	14 46	3 3	25 22	1 33	9 19	0 38	13 14	1 28	20 15	1 3	14 58	0 15	2 27	2 5	33 57	13 39	22 58	22 59	21 55		n.a.
W13	22 14	20 37	0 54	15 10	2 51	25 21	1 34	9 35	0 38	13 12	1 27	20 14	1 3	14 59	0 15	2 27	2 5	33 57	13 40	22 58	22 59	21 54		n.a.
T 14	22 23	23 49	0s25	15 36	2 39	25 20	1 34	9 50	0 37	13 9	1 27	20 14	1 3	15 0	0 15	2 27	2 5	33 57	13 40	22 58	22 59	21 52		n.a.
F 15	22 31	25 30	1 43	16 4	2 26	25 18	1 35	10 6	0 36	13 7	1 27	20 13	1 3	15 1	0 15	2 26	2 5	33 58	13 40	22 58	22 58	21 51		n.a.
S 16	22 39	25 25	2 56	16 33	2 13	25 15	1 36	10 21	0 36	13 4	1 27	20 12	1 3	15 2	0 15	2 26	2 5	33 58	13 40	22 58	22 58	21 49		n.a.
S 17	22 46	23 36	3 57	17 3	1 59	25 11	1 36	10 36	0 35	13 2	1 26	20 12	1 3	15 3	0 15	2 26	2 5	33 59	13 41	22 58	22 58	21 48		n.a.
M18	22 53	20 14	4 42	17 34	1 46	25 7	1 37	10 51	0 35	12 59	1 26	20 11	1 3	15 4	0 15	2 26	2 5	33 59	13 41	22 58	22 57	21 46		n.a.
T 19	23 0	15 42	5 9	18 6	1 32	25 2	1 37	11 6	0 34	12 56	1 26	20 10	1 3	15 5	0 15	2 26	2 5	34 0	13 41	22 58	22 57	21 45		n.a.
W20	23 6	10 22	5 17	18 38	1 19	24 56	1 38	11 21	0 33	12 53	1 26	20 9	1 2	15 6	0 15	2 26	2 5	34 0	13 42	22 58	22 56	21 44		n.a.
T 21	23 12	4 36	5 6	19 11	1 5	24 49	1 38	11 35	0 33	12 51	1 26	20 9	1 2	15 7	0 15	2 26	2 5	34 1	13 42	22 58	22 56	21 42		n.a.
F 22	23 17	1n17	4 38	19 44	0 51	24 42	1 38	11 50	0 32	12 48	1 25	20 8	1 2	15 8	0 15	2 25	2 5	34 1	13 42	22 58	22 56	21 41		n.a.
S 23	23 22	7 0	3 55	20 17	0 38	24 34	1 38	12 5	0 31	12 45	1 25	20 7	1 2	15 9	0 15	2 25	2 4	34 2	13 42	22 58	22 55	21 39		n.a.
S 24	23 27	12 20	3 0	20 49	0 25	24 25	1 38	12 19	0 31	12 42	1 25	20 7	1 2	15 10	0 15	2 25	2 4	34 2	13 43	22 58	22 55	21 38		n.a.
M25	23 31	17 0	1 58	21 21	0 12	24 15	1 38	12 33	0 30	12 39	1 25	20 6	1 2	15 11	0 15	2 25	2 4	34 2	13 43	22 58	22 55	21 36		n.a.
T 26	23 35	20 51	0 50	21 52	0n 0	24 5	1 38	12 47	0 30	12 36	1 24	20 5	1 2	15 12	0 15	2 25	2 4	34 3	13 43	22 58	22 54	21 35		n.a.
W27	23 38	23 38	0n19	22 22	0 12	23 54	1 38	13 2	0 29	12 32	1 24	20 5	1 2	15 13	0 15	2 25	2 4	34 3	13 43	22 59	22 54	21 33		n.a.
T 28	23 41	25 16	1 26	22 50	0 23	23 43	1 38	13 15	0 28	12 29	1 24	20 4	1 1	15 13	0 15	2 25	2 4	34 4	13 44	22 58	22 53	21 32		n.a.
F 29	23 44	25 39	2 28	23 16	0 34	23 30	1 37	13 29	0 28	12 26	1 24	20 3	1 1	15 14	0 15	2 25	2 4	34 4	13 44	22 58	22 53	21 30		n.a.
S 30	23n46	24n50	3n23	23n41	0n44	23n17	1n37	13n43	0s27	12n23	1n24	20s 3	1n 1	15n15	0s15	2s25	2n 4	34s 5	13s44	22n58	22n53	21n29		n.a.

Julian Day Number = 1296788.5, Delta T = 07h54m05s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'22, Lahiri = -20°00'22 Julian Calendar 1 June 1163 BCE == Greg. Calendar 21 May 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

JULY 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 48	26♊40'47	6♌47	16♊46	25♋ 3	7♉51	1♍44	2°R38	11♉24	10°R44	29°R 2	14°R57	14♊ 8	12♌49	n.a.	S 1
M 2	17 55 45	27°38'19	18°38	18°47	26°15	8°30	1°53	2♐34	11°27	10♎44	29♑ 1	14♊55	14° 4	12°56	n.a.	M 2
T 3	17 59 42	28°35'52	0♍29	20°49	27°28	9° 9	2° 2	2°31	11°30	10°44	29° 0	14°53	14° 1	13° 2	n.a.	T 3
W 4	18 3 38	29°33'26	12°24	22°52	28°41	9°48	2°11	2°27	11°32	10°D44	28°59	14°52	13°58	13° 9	n.a.	W 4
T 5	18 7 35	0♋31'01	24°28	24°55	29°53	10°27	2°20	2°23	11°35	10°44	28°58	14°51	13°55	13°16	n.a.	T 5
F 6	18 11 31	1°28'37	6♎44	26°58	1♌ 6	11° 6	2°29	2°20	11°38	10°44	28°56	14°D51	13°52	13°23	n.a.	F 6
S 7	18 15 28	2°26'14	19°16	29° 1	2°19	11°45	2°38	2°16	11°40	10°44	28°55	14°52	13°49	13°29	n.a.	S 7
S 8	18 19 24	3°23'53	2♏10	1♋ 3	3°31	12°23	2°47	2°13	11°43	10°44	28°54	14°53	13°45	13°36	n.a.	S 8
M 9	18 23 21	4°21'32	15°29	3° 5	4°44	13° 2	2°57	2° 9	11°45	10°44	28°53	14°54	13°42	13°43	n.a.	M 9
T 10	18 27 17	5°19'13	29°13	5° 6	5°56	13°40	3° 6	2° 6	11°48	10°44	28°52	14°55	13°39	13°49	n.a.	T 10
W11	18 31 14	6°16'56	13♐23	7° 7	7° 9	14°19	3°16	2° 3	11°50	10°44	28°51	14°R56	13°36	13°56	n.a.	W11
T 12	18 35 11	7°14'40	27°56	9° 6	8°21	14°57	3°26	1°59	11°52	10°45	28°50	14°56	13°33	14° 3	n.a.	T 12
F 13	18 39 7	8°12'25	12♑46	11° 4	9°34	15°36	3°35	1°56	11°55	10°45	28°49	14°54	13°30	14°10	n.a.	F 13
S 14	18 43 4	9°10'12	27°47	13° 2	10°46	16°14	3°45	1°53	11°57	10°45	28°47	14°51	13°26	14°16	n.a.	S 14
S 15	18 47 0	10° 8'01	12♒49	14°58	11°59	16°52	3°55	1°50	11°59	10°46	28°46	14°48	13°23	14°23	n.a.	S 15
M16	18 50 57	11° 5'52	27°43	16°52	13°11	17°30	4° 5	1°47	12° 2	10°46	28°45	14°45	13°20	14°30	n.a.	M16
T 17	18 54 53	12° 3'44	12♓23	18°46	14°23	18° 8	4°16	1°45	12° 4	10°46	28°44	14°42	13°17	14°36	n.a.	T 17
W18	18 58 50	13° 1'38	26°42	20°38	15°36	18°46	4°26	1°42	12° 6	10°47	28°43	14°40	13°14	14°43	n.a.	W18
T 19	19 2 46	13°59'35	10♈39	22°29	16°48	19°24	4°36	1°39	12° 8	10°47	28°41	14°D39	13°10	14°50	n.a.	T 19
F 20	19 6 43	14°57'33	24°12	24°18	18° 0	20° 1	4°47	1°36	12°10	10°48	28°40	14°39	13° 7	14°56	n.a.	F 20
S 21	19 10 40	15°55'33	7♉25	26° 7	19°13	20°39	4°57	1°34	12°12	10°48	28°39	14°40	13° 4	15° 3	n.a.	S 21
S 22	19 14 36	16°53'36	20°18	27°54	20°25	21°16	5° 8	1°31	12°14	10°49	28°38	14°42	13° 1	15°10	n.a.	S 22
M23	19 18 33	17°51'41	2♊55	29°39	21°37	21°54	5°18	1°29	12°16	10°49	28°37	14°43	12°58	15°17	n.a.	M23
T 24	19 22 29	18°49'47	15°19	1♌24	22°49	22°31	5°29	1°27	12°18	10°50	28°35	14°R44	12°55	15°23	n.a.	T 24
W25	19 26 26	19°47'56	27°32	3° 7	24° 1	23° 9	5°40	1°25	12°20	10°51	28°34	14°43	12°51	15°30	n.a.	W25
T 26	19 30 22	20°46'07	9♋38	4°49	25°13	23°46	5°51	1°22	12°21	10°51	28°33	14°40	12°48	15°37	n.a.	T 26
F 27	19 34 19	21°44'19	21°37	6°30	26°25	24°23	6° 2	1°20	12°23	10°52	28°32	14°36	12°45	15°43	n.a.	F 27
S 28	19 38 15	22°42'34	3♌31	8° 9	27°37	25° 0	6°13	1°18	12°25	10°53	28°30	14°30	12°42	15°50	n.a.	S 28
S 29	19 42 12	23°40'50	15°22	9°47	28°49	25°37	6°24	1°17	12°27	10°54	28°29	14°23	12°39	15°57	n.a.	S 29
M30	19 46 9	24°39'08	27°13	11°24	0♍ 1	26°14	6°35	1°15	12°28	10°55	28°28	14°15	12°36	16° 4	n.a.	M30
T 31	19 50 5	25♋37'28	9♍ 5	13♌ 0	1♍13	26♉50	6♍47	1♐13	12♉30	10♎55	28♑27	14♊ 8	12♊32	16♌10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n47	22n53	4n 9	24n 3	0n54	23n 3	1n37	13n57	0s26	12n19	1n23	20s 2	1n 1	15n16	0s15	2s25	2n 4	34s 5	13s44	22n58	22n52	21n27		n.a.	
M 2	23 49	19 58	4 43	24 23	1 2	22 49	1 36	14 10	0 25	12 16	1 23	20 1	1 1	15 17	0 15	2 25	2 4	34 6	13 44	22 58	22 52	21 25		n.a.	
T 3	23 50	16 14	5 6	24 41	1 10	22 34	1 35	14 23	0 25	12 13	1 23	20 1	1 1	15 18	0 15	2 25	2 4	34 6	13 45	22 58	22 52	21 24		n.a.	
W 4	23 50	11 51	5 15	24 55	1 17	22 18	1 35	14 37	0 24	12 9	1 23	20 0	1 1	15 19	0 15	2 25	2 4	34 6	13 45	22 58	22 51	21 22		n.a.	
T 5	23 50	6 59	5 11	25 8	1 24	22 2	1 34	14 50	0 23	12 6	1 23	20 0	1 1	15 19	0 15	2 25	2 4	34 7	13 45	22 57	22 51	21 21		n.a.	
F 6	23 50	1 46	4 53	25 17	1 29	21 45	1 33	15 3	0 23	12 2	1 22	19 59	1 0	15 20	0 15	2 25	2 4	34 7	13 45	22 57	22 50	21 19		n.a.	
S 7	23 49	3s39	4 21	25 24	1 34	21 28	1 32	15 16	0 22	11 59	1 22	19 58	1 0	15 21	0 15	2 26	2 3	34 8	13 45	22 57	22 50	21 18		n.a.	
S 8	23 47	9 5	3 34	25 28	1 38	21 10	1 31	15 28	0 21	11 55	1 22	19 58	1 0	15 22	0 15	2 26	2 3	34 8	13 46	22 58	22 50	21 16		n.a.	
M 9	23 46	14 16	2 35	25 29	1 42	20 51	1 30	15 41	0 21	11 51	1 22	19 57	1 0	15 23	0 15	2 26	2 3	34 9	13 46	22 58	22 49	21 15		n.a.	
T 10	23 43	18 55	1 26	25 28	1 44	20 32	1 29	15 53	0 20	11 48	1 22	19 57	1 0	15 23	0 15	2 26	2 3	34 9	13 46	22 58	22 49	21 13		n.a.	
W11	23 41	22 38	0 9	25 24	1 46	20 12	1 28	16 6	0 19	11 44	1 21	19 56	1 0	15 24	0 15	2 26	2 3	34 9	13 46	22 58	22 48	21 11		n.a.	
T 12	23 38	25 0	1s11	25 18	1 47	19 52	1 26	16 18	0 18	11 40	1 21	19 56	1 0	15 25	0 15	2 26	2 3	34 10	13 46	22 58	22 48	21 10		n.a.	
F 13	23 34	25 39	2 27	25 9	1 48	19 31	1 25	16 30	0 18	11 37	1 21	19 55	0 59	15 26	0 15	2 26	2 3	34 10	13 46	22 58	22 48	21 8		n.a.	
S 14	23 31	24 26	3 34	24 58	1 48	19 9	1 23	16 42	0 17	11 33	1 21	19 55	0 59	15 26	0 15	2 27	2 3	34 11	13 47	22 57	22 47	21 7		n.a.	
S 15	23 26	21 29	4 26	24 45	1 47	18 47	1 22	16 54	0 16	11 29	1 21	19 54	0 59	15 27	0 15	2 27	2 3	34 11	13 47	22 57	22 47	21 5		n.a.	
M16	23 22	17 8	5 0	24 30	1 46	18 25	1 20	17 5	0 15	11 25	1 20	19 54	0 59	15 28	0 15	2 27	2 3	34 12	13 47	22 57	22 46	21 3		n.a.	
T 17	23 17	11 50	5 13	24 13	1 45	18 2	1 19	17 17	0 15	11 21	1 20	19 53	0 59	15 28	0 15	2 27	2 3	34 12	13 47	22 56	22 46	21 2		n.a.	
W18	23 11	6 0	5 7	23 54	1 42	17 39	1 17	17 28	0 14	11 17	1 20	19 53	0 59	15 29	0 15	2 27	2 3	34 12	13 47	22 56	22 46	21 0		n.a.	
T 19	23 5	0 2	4 42	23 34	1 40	17 15	1 15	17 39	0 13	11 13	1 20	19 53	0 59	15 30	0 15	2 28	2 3	34 13	13 47	22 56	22 45	20 58		n.a.	
F 20	22 59	5n48	4 2	23 11	1 37	16 50	1 13	17 50	0 12	11 9	1 20	19 52	0 58	15 30	0 15	2 28	2 3	34 13	13 47	22 56	22 45	20 57		n.a.	
S 21	22 52	11 13	3 10	22 48	1 33	16 26	1 11	18 1	0 12	11 5	1 20	19 52	0 58	15 31	0 15	2 28	2 3	34 14	13 48	22 56	22 44	20 55		n.a.	
S 22	22 45	16 2	2 10	22 23	1 29	16 0	1 9	18 12	0 11	11 1	1 19	19 52	0 58	15 32	0 15	2 29	2 2	34 14	13 48	22 56	22 44	20 54		n.a.	
M23	22 37	20 2	1 4	21 56	1 25	15 35	1 7	18 23	0 10	10 57	1 19	19 51	0 58	15 32	0 15	2 29	2 2	34 14	13 48	22 57	22 44	20 52		n.a.	
T 24	22 29	23 4	0n 3	21 29	1 20	15 9	1 4	18 33	0 9	10 52	1 19	19 51	0 58	15 33	0 15	2 29	2 2	34 15	13 48	22 57	22 43	20 50		n.a.	
W25	22 21	24 58	1 9	21 0	1 15	14 43	1 2	18 44	0 8	10 48	1 19	19 51	0 58	15 33	0 15	2 29	2 2	34 15	13 48	22 56	22 43	20 49		n.a.	
T 26	22 12	25 40	2 11	20 30	1 10	14 16	1 0	18 54	0 8	10 44	1 19	19 50	0 57	15 34	0 15	2 30	2 2	34 15	13 48	22 56	22 42	20 47		n.a.	
F 27	22 3	25 9	3 7	19 59	1 4	13 49	0 57	19 4	0 7	10 40	1 19	19 50	0 57	15 34	0 15	2 30	2 2	34 16	13 48	22 56	22 42	20 45		n.a.	
S 28	21 53	23 28	3 54	19 28	0 58	13 21	0 55	19 14	0 6	10 35	1 19	19 50	0 57	15 35	0 15	2 31	2 2	34 16	13 48	22 55	22 42	20 43		n.a.	
S 29	21 43	20 47	4 31	18 56	0 52	12 53	0 52	19 24	0 5	10 31	1 18	19 50	0 57	15 35	0 15	2 31	2 2	34 16	13 48	22 54	22 41	20 42		n.a.	
M30	21 33	17 15	4 55	18 22	0 46	12 25	0 50	19 33	0 4	10 27	1 18	19 49	0 57	15 36	0 15	2 31	2 2	34 17	13 48	22 53	22 41	20 40		n.a.	
T 31	21n22	13n 2	5n 8	17n49	0n39	11n57	0n47	19n43	0s 3	10n22	1n18	19s49	0n57	15n36	0s15	2s32	2n 2	34s17	13s48	22n52	22n40	20n38		n.a.	

Julian Day Number = 1296818.5, Delta T = 07h54m04s
Ecliptic obliquity = 23°50'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'18, Lahiri = -20°00'17 Julian Calendar 1 July 1163 BCE == Greg. Calendar 20 June 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

AUGUST 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 54 2	26♋35'50	21♍ 0	14♌35	2♍25	27♉27	6♍58	1°R12	12♉31	10♎56	28°R25	14°R 2	12♊29	16♌17	n.a.	W 1
T 2	19 57 58	27°34'13	3♎ 3	16° 8	3°37	28° 3	7°10	1♐10	12°33	10°57	28♑24	13♊57	12°26	16°24	n.a.	T 2
F 3	20 1 55	28°32'38	15°17	17°41	4°49	28°40	7°21	1° 9	12°34	10°58	28°23	13°54	12°23	16°30	n.a.	F 3
S 4	20 5 51	29°31'05	27°45	19°12	6° 0	29°16	7°33	1° 7	12°35	10°59	28°21	13°D53	12°20	16°37	n.a.	S 4
S 5	20 9 48	0♌29'34	10♏33	20°42	7°12	29°52	7°44	1° 6	12°37	11° 0	28°20	13°53	12°16	16°44	n.a.	S 5
M 6	20 13 44	1°28'04	23°45	22°11	8°24	0♊29	7°56	1° 5	12°38	11° 1	28°19	13°55	12°13	16°51	n.a.	M 6
T 7	20 17 41	2°26'37	7♐23	23°39	9°35	1° 5	8° 8	1° 4	12°39	11° 2	28°18	13°R56	12°10	16°57	n.a.	T 7
W 8	20 21 37	3°25'11	21°30	25° 5	10°47	1°40	8°20	1° 3	12°40	11° 3	28°16	13°56	12° 7	17° 4	n.a.	W 8
T 9	20 25 34	4°23'47	6♑ 3	26°30	11°58	2°16	8°31	1° 2	12°42	11° 4	28°15	13°54	12° 4	17°11	n.a.	T 9
F 10	20 29 31	5°22'25	21° 0	27°54	13°10	2°52	8°43	1° 2	12°43	11° 6	28°14	13°50	12° 1	17°17	n.a.	F 10
S 11	20 33 27	6°21'05	6♒13	29°17	14°21	3°28	8°55	1° 1	12°44	11° 7	28°13	13°43	11°57	17°24	n.a.	S 11
S 12	20 37 24	7°19'47	21°32	0♍39	15°32	4° 3	9° 7	1° 0	12°45	11° 8	28°11	13°36	11°54	17°31	n.a.	S 12
M13	20 41 20	8°18'32	6♓45	1°59	16°44	4°38	9°20	1° 0	12°46	11° 9	28°10	13°27	11°51	17°38	n.a.	M13
T 14	20 45 17	9°17'18	21°42	3°18	17°55	5°14	9°32	1° 0	12°46	11°10	28° 9	13°20	11°48	17°44	n.a.	T 14
W15	20 49 13	10°16'07	6♈15	4°35	19° 6	5°49	9°44	0°59	12°47	11°12	28° 8	13°13	11°45	17°51	n.a.	W15
T 16	20 53 10	11°14'58	20°21	5°51	20°17	6°24	9°56	0°59	12°48	11°13	28° 7	13° 9	11°42	17°58	n.a.	T 16
F 17	20 57 6	12°13'52	3♉59	7° 5	21°28	6°59	10° 9	0°D59	12°49	11°14	28° 5	13° 7	11°38	18° 4	n.a.	F 17
S 18	21 1 3	13°12'48	17° 9	8°18	22°39	7°34	10°21	0°59	12°49	11°16	28° 4	13°D 7	11°35	18°11	n.a.	S 18
S 19	21 5 0	14°11'46	29°57	9°29	23°50	8° 9	10°33	0°59	12°50	11°17	28° 3	13° 8	11°32	18°18	n.a.	S 19
M20	21 8 56	15°10'48	12♊25	10°38	25° 1	8°43	10°46	1° 0	12°51	11°19	28° 2	13°R 8	11°29	18°24	n.a.	M20
T 21	21 12 53	16° 9'51	24°39	11°45	26°12	9°18	10°58	1° 0	12°51	11°20	28° 0	13° 7	11°26	18°31	n.a.	T 21
W22	21 16 49	17° 8'57	6♋42	12°50	27°23	9°52	11°11	1° 0	12°52	11°22	27°59	13° 5	11°22	18°38	n.a.	W22
T 23	21 20 46	18° 8'06	18°39	13°53	28°34	10°26	11°23	1° 1	12°52	11°23	27°58	12°59	11°19	18°45	n.a.	T 23
F 24	21 24 42	19° 7'16	0♌32	14°53	29°44	11° 0	11°36	1° 2	12°52	11°25	27°57	12°51	11°16	18°51	n.a.	F 24
S 25	21 28 39	20° 6'29	12°23	15°51	0♎55	11°34	11°49	1° 2	12°53	11°26	27°56	12°40	11°13	18°58	n.a.	S 25
S 26	21 32 35	21° 5'44	24°14	16°46	2° 5	12° 8	12° 1	1° 3	12°53	11°28	27°55	12°28	11°10	19° 5	n.a.	S 26
M27	21 36 32	22° 5'01	6♍ 7	17°38	3°16	12°42	12°14	1° 4	12°53	11°29	27°54	12°15	11° 7	19°11	n.a.	M27
T 28	21 40 28	23° 4'21	18° 2	18°26	4°26	13°16	12°27	1° 5	12°53	11°31	27°52	12° 1	11° 3	19°18	n.a.	T 28
W29	21 44 25	24° 3'42	0♎ 3	19°11	5°37	13°49	12°40	1° 6	12°53	11°33	27°51	11°50	11° 0	19°25	n.a.	W29
T 30	21 48 22	25° 3'06	12°10	19°52	6°47	14°22	12°52	1° 7	12°R53	11°34	27°50	11°40	10°57	19°32	n.a.	T 30
F 31	21 52 18	26♌ 2'31	24♎26	20♍28	7♎57	14♊56	13♍ 5	1♐ 9	12♉53	11♎36	27♑49	11♊34	10♊54	19♌38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n11	8n18	5n 6	17n15	0n32	11n28	0n44	19n52	0s 3	10n18	1n18	19s49	0n56	15n37	0s15	2s32	2n 2	34s17	13s48	22n52	22n40	20n37			n.a.
T 2	20 59	3 13	4 52	16 40	0 25	10 59	0 41	20 1	0 2	10 14	1 18	19 49	0 56	15 37	0 15	2 33	2 2	34 18	13 48	22 51	22 40	20 35			n.a.
F 3	20 47	2s 4	4 24	16 5	0 18	10 30	0 38	20 11	0 1	10 9	1 18	19 49	0 56	15 38	0 15	2 33	2 2	34 18	13 48	22 51	22 39	20 33			n.a.
S 4	20 35	7 23	3 43	15 29	0 11	10 0	0 36	20 19	0 0	10 5	1 18	19 49	0 56	15 38	0 15	2 33	2 2	34 18	13 48	22 51	22 39	20 31			n.a.
S 5	20 23	12 33	2 50	14 53	0 3	9 31	0 33	20 28	0n 1	10 0	1 17	19 49	0 56	15 39	0 15	2 34	2 2	34 19	13 49	22 51	22 38	20 30			n.a.
M 6	20 10	17 18	1 47	14 17	0s 4	9 1	0 29	20 37	0 2	9 55	1 17	19 48	0 56	15 39	0 15	2 34	2 1	34 19	13 49	22 51	22 38	20 28			n.a.
T 7	19 56	21 19	0 35	13 40	0 12	8 30	0 26	20 45	0 3	9 51	1 17	19 48	0 55	15 39	0 15	2 35	2 1	34 19	13 49	22 51	22 37	20 26			n.a.
W 8	19 43	24 14	0s41	13 4	0 20	8 0	0 23	20 54	0 3	9 46	1 17	19 48	0 55	15 40	0 15	2 35	2 1	34 20	13 49	22 51	22 37	20 24			n.a.
T 9	19 29	25 38	1 56	12 27	0 28	7 29	0 20	21 2	0 4	9 42	1 17	19 48	0 55	15 40	0 15	2 36	2 1	34 20	13 49	22 51	22 37	20 23			n.a.
F 10	19 14	25 13	3 6	11 50	0 36	6 59	0 17	21 10	0 5	9 37	1 17	19 48	0 55	15 40	0 15	2 36	2 1	34 20	13 49	22 50	22 36	20 21			n.a.
S 11	19 0	22 56	4 3	11 14	0 44	6 28	0 13	21 18	0 6	9 32	1 17	19 48	0 55	15 41	0 15	2 37	2 1	34 20	13 49	22 49	22 36	20 19			n.a.
S 12	18 45	19 1	4 43	10 37	0 52	5 57	0 10	21 25	0 7	9 28	1 17	19 48	0 55	15 41	0 15	2 37	2 1	34 21	13 49	22 48	22 35	20 17			n.a.
M13	18 29	13 52	5 3	10 1	1 0	5 25	0 7	21 33	0 8	9 23	1 16	19 49	0 54	15 41	0 15	2 38	2 1	34 21	13 48	22 47	22 35	20 16			n.a.
T 14	18 13	7 57	5 2	9 24	1 8	4 54	0 3	21 40	0 9	9 18	1 16	19 49	0 54	15 42	0 15	2 38	2 1	34 21	13 48	22 46	22 34	20 14			n.a.
W15	17 57	1 46	4 41	8 48	1 16	4 22	0s 0	21 47	0 10	9 13	1 16	19 49	0 54	15 42	0 15	2 39	2 1	34 21	13 48	22 46	22 34	20 12			n.a.
T 16	17 41	4n19	4 4	8 13	1 25	3 51	0 4	21 55	0 11	9 8	1 16	19 49	0 54	15 42	0 15	2 40	2 1	34 22	13 48	22 45	22 34	20 10			n.a.
F 17	17 25	10 1	3 13	7 37	1 33	3 19	0 8	22 2	0 12	9 4	1 16	19 49	0 54	15 42	0 15	2 40	2 1	34 22	13 48	22 45	22 33	20 8			n.a.
S 18	17 8	15 5	2 14	7 2	1 41	2 47	0 11	22 8	0 13	8 59	1 16	19 49	0 54	15 42	0 15	2 41	2 1	34 22	13 48	22 45	22 33	20 7			n.a.
S 19	16 50	19 20	1 10	6 28	1 49	2 16	0 15	22 15	0 14	8 54	1 16	19 49	0 53	15 43	0 15	2 41	2 1	34 22	13 48	22 45	22 32	20 5			n.a.
M20	16 33	22 36	0 4	5 54	1 57	1 44	0 19	22 22	0 15	8 49	1 16	19 50	0 53	15 43	0 15	2 42	2 1	34 23	13 48	22 45	22 32	20 3			n.a.
T 21	16 15	24 44	1n 1	5 21	2 5	1 12	0 22	22 28	0 16	8 44	1 16	19 50	0 53	15 43	0 15	2 43	2 1	34 23	13 48	22 45	22 31	20 1			n.a.
W22	15 57	25 42	2 2	4 49	2 13	0 40	0 26	22 34	0 17	8 39	1 16	19 50	0 53	15 43	0 15	2 43	2 0	34 23	13 48	22 45	22 31	19 59			n.a.
T 23	15 39	25 26	2 57	4 17	2 20	0 8	0 30	22 40	0 18	8 34	1 16	19 50	0 53	15 43	0 15	2 44	2 0	34 23	13 48	22 44	22 30	19 58			n.a.
F 24	15 20	24 0	3 44	3 47	2 28	0s24	0 34	22 46	0 19	8 29	1 15	19 51	0 53	15 43	0 15	2 45	2 0	34 23	13 48	22 43	22 30	19 56			n.a.
S 25	15 1	21 32	4 21	3 18	2 35	0 56	0 37	22 52	0 20	8 24	1 15	19 51	0 52	15 43	0 15	2 45	2 0	34 24	13 48	22 41	22 30	19 54			n.a.
S 26	14 42	18 9	4 46	2 50	2 42	1 28	0 41	22 58	0 21	8 19	1 15	19 51	0 52	15 43	0 15	2 46	2 0	34 24	13 48	22 40	22 29	19 52			n.a.
M27	14 23	14 2	4 59	2 23	2 49	2 0	0 45	23 3	0 22	8 14	1 15	19 52	0 52	15 44	0 15	2 47	2 0	34 24	13 48	22 38	22 29	19 50			n.a.
T 28	14 3	9 23	4 59	1 58	2 55	2 32	0 49	23 8	0 23	8 9	1 15	19 52	0 52	15 44	0 15	2 47	2 0	34 24	13 47	22 36	22 28	19 48			n.a.
W29	13 43	4 21	4 46	1 35	3 1	3 4	0 53	23 14	0 24	8 4	1 15	19 52	0 52	15 44	0 15	2 48	2 0	34 24	13 47	22 35	22 28	19 46			n.a.
T 30	13 23	0s54	4 20	1 14	3 7	3 36	0 57	23 19	0 25	7 59	1 15	19 53	0 52	15 44	0 15	2 49	2 0	34 24	13 47	22 33	22 27	19 45			n.a.
F 31	13n 3	6s11	3n42	0n55	3s12	4s 8	1s 1	23n24	0n26	7n54	1n15	19s53	0n51	15n44	0s15	2s49	2n 0	34s24	13s47	22n32	22n27	19n43			n.a.

Julian Day Number = 1296849.5, Delta T = 07h54m02s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'14, Lahiri = -20°00'13 Julian Calendar 1 Aug. 1163 BCE == Greg. Calendar 21 July 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

SEPTEMBER 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 15	27♌ 1'58	6♏54	21♍ 0	9♎ 7	15♊29	13♍18	1♐10	12°R53	11♎38	27°R48	11°R30	10♊51	19♌45	n.a.	S 1
S 2	22 0 11	28° 1'28	19°39	21°26	10°17	16° 2	13°31	1°12	12♉53	11°39	27♂47	11♊28	10°48	19°52	n.a.	S 2
M 3	22 4 8	29° 0'59	2♐43	21°47	11°27	16°34	13°44	1°13	12°53	11°41	27°46	11°D28	10°44	19°58	n.a.	M 3
T 4	22 8 4	0♍ 0'32	16°12	22° 1	12°37	17° 7	13°57	1°15	12°53	11°43	27°45	11°R28	10°41	20° 5	n.a.	T 4
W 5	22 12 1	1° 0'07	0♂ 7	22° 9	13°47	17°39	14°10	1°17	12°53	11°45	27°44	11°27	10°38	20°12	n.a.	W 5
T 6	22 15 57	1°59'44	14°29	22°R10	14°56	18°12	14°23	1°19	12°52	11°47	27°43	11°24	10°35	20°19	n.a.	T 6
F 7	22 19 54	2°59'23	29°17	22° 2	16° 6	18°44	14°36	1°21	12°52	11°48	27°42	11°18	10°32	20°25	n.a.	F 7
S 8	22 23 51	3°59'04	14♒24	21°47	17°15	19°16	14°49	1°23	12°51	11°50	27°41	11° 9	10°28	20°32	n.a.	S 8
S 9	22 27 47	4°58'47	29°42	21°24	18°25	19°48	15° 2	1°25	12°51	11°52	27°40	10°59	10°25	20°39	n.a.	S 9
M10	22 31 44	5°58'32	15♓ 0	20°52	19°34	20°19	15°15	1°27	12°50	11°54	27°39	10°47	10°22	20°45	n.a.	M10
T 11	22 35 40	6°58'19	0♈ 6	20°11	20°43	20°51	15°28	1°30	12°50	11°56	27°38	10°37	10°19	20°52	n.a.	T 11
W12	22 39 37	7°58'08	14°50	19°22	21°52	21°22	15°42	1°32	12°49	11°58	27°37	10°27	10°16	20°59	n.a.	W12
T 13	22 43 33	8°58'00	29° 6	18°25	23° 1	21°53	15°55	1°35	12°48	12° 0	27°36	10°21	10°13	21° 6	n.a.	T 13
F 14	22 47 30	9°57'54	12♉52	17°21	24°10	22°24	16° 8	1°38	12°48	12° 2	27°35	10°17	10° 9	21°12	n.a.	F 14
S 15	22 51 26	10°57'50	26° 8	16°11	25°19	22°55	16°21	1°40	12°47	12° 4	27°34	10°15	10° 6	21°19	n.a.	S 15
S 16	22 55 23	11°57'49	8♊58	14°57	26°27	23°26	16°34	1°43	12°46	12° 6	27°34	10°14	10° 3	21°26	n.a.	S 16
M17	22 59 19	12°57'50	21°26	13°41	27°36	23°56	16°47	1°46	12°45	12° 8	27°33	10°14	10° 0	21°33	n.a.	M17
T 18	23 3 16	13°57'53	3♋38	12°25	28°44	24°27	17° 1	1°49	12°44	12°10	27°32	10°13	9°57	21°39	n.a.	T 18
W19	23 7 13	14°57'59	15°37	11°12	29°53	24°57	17°14	1°52	12°43	12°12	27°31	10°10	9°53	21°46	n.a.	W19
T 20	23 11 9	15°58'07	27°30	10° 3	1♏ 1	25°27	17°27	1°55	12°42	12°14	27°30	10° 4	9°50	21°53	n.a.	T 20
F 21	23 15 6	16°58'17	9♌20	9° 2	2° 9	25°57	17°40	1°59	12°41	12°16	27°30	9°55	9°47	21°59	n.a.	F 21
S 22	23 19 2	17°58'29	21°11	8° 8	3°17	26°26	17°53	2° 2	12°40	12°18	27°29	9°44	9°44	22° 6	n.a.	S 22
S 23	23 22 59	18°58'43	3♍ 4	7°25	4°24	26°55	18° 7	2° 6	12°39	12°20	27°28	9°30	9°41	22°13	n.a.	S 23
M24	23 26 55	19°59'00	15° 2	6°53	5°32	27°24	18°20	2° 9	12°37	12°22	27°28	9°16	9°38	22°20	n.a.	M24
T 25	23 30 52	20°59'18	27° 5	6°32	6°39	27°53	18°33	2°13	12°36	12°24	27°27	9° 1	9°34	22°26	n.a.	T 25
W26	23 34 48	21°59'38	9♎16	6°D23	7°47	28°22	18°46	2°16	12°35	12°27	27°26	8°48	9°31	22°33	n.a.	W26
T 27	23 38 45	23° 0'00	21°33	6°25	8°54	28°50	18°59	2°20	12°33	12°29	27°26	8°38	9°28	22°40	n.a.	T 27
F 28	23 42 41	24° 0'23	4♏ 0	6°39	10° 1	29°19	19°13	2°24	12°32	12°31	27°25	8°30	9°25	22°46	n.a.	F 28
S 29	23 46 38	25° 0'49	16°37	7° 2	11° 8	29°47	19°26	2°28	12°31	12°33	27°24	8°26	9°22	22°53	n.a.	S 29
S 30	23 50 35	26♍ 1'16	29♏27	7♍35	12♏14	0♋14	19♍39	2♐32	12♉29	12♎35	27♂24	8♊24	9♊19	23♌ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n42	11s20	2n52	0n38	3s16	4s40	1s 5	23n28	0n27	7n49	1n15	19s54	0n51	15n44	0s15	2s50	2n 0	34s24	13s47	22n32	22n26	19n41		n.a.
S 2	12 21	16 8	1 53	0 24	3 20	5 11	1 9	23 33	0 28	7 44	1 15	19 54	0 51	15 44	0 15	2 51	2 0	34 25	13 47	22 32	22 26	19 39		n.a.
M 3	12 0	20 18	0 46	0 13	3 23	5 43	1 13	23 37	0 29	7 39	1 15	19 55	0 51	15 43	0 15	2 52	2 0	34 25	13 47	22 32	22 25	19 37		n.a.
T 4	11 39	23 31	0s25	0 5	3 25	6 14	1 17	23 42	0 30	7 34	1 15	19 55	0 51	15 43	0 15	2 52	2 0	34 25	13 47	22 32	22 25	19 35		n.a.
W 5	11 18	25 27	1 37	0 1	3 26	6 45	1 21	23 46	0 31	7 28	1 15	19 56	0 51	15 43	0 15	2 53	2 0	34 25	13 46	22 32	22 25	19 33		n.a.
T 6	10 56	25 46	2 45	0 1	3 26	7 16	1 24	23 50	0 32	7 23	1 15	19 56	0 50	15 43	0 15	2 54	2 0	34 25	13 46	22 31	22 24	19 31		n.a.
F 7	10 34	24 17	3 44	0 4	3 25	7 47	1 28	23 54	0 33	7 18	1 15	19 57	0 50	15 43	0 15	2 55	2 0	34 25	13 46	22 30	22 24	19 29		n.a.
S 8	10 13	21 3	4 28	0 13	3 23	8 18	1 32	23 58	0 34	7 13	1 14	19 58	0 50	15 43	0 15	2 55	2 0	34 25	13 46	22 29	22 23	19 27		n.a.
S 9	9 50	16 20	4 54	0 26	3 19	8 49	1 36	24 2	0 36	7 8	1 14	19 58	0 50	15 43	0 15	2 56	2 0	34 25	13 46	22 28	22 23	19 25		n.a.
M10	9 28	10 35	4 59	0 44	3 13	9 19	1 40	24 5	0 37	7 3	1 14	19 59	0 50	15 43	0 15	2 57	2 0	34 25	13 46	22 26	22 22	19 23		n.a.
T 11	9 6	4 17	4 43	1 7	3 5	9 49	1 44	24 9	0 38	6 57	1 14	19 59	0 50	15 42	0 15	2 58	2 0	34 25	13 45	22 24	22 22	19 22		n.a.
W12	8 43	2n 8	4 8	1 36	2 56	10 19	1 48	24 12	0 39	6 52	1 14	20 0	0 50	15 42	0 15	2 59	2 0	34 25	13 45	22 23	22 21	19 20		n.a.
T 13	8 20	8 14	3 19	2 9	2 44	10 49	1 52	24 15	0 40	6 47	1 14	20 1	0 49	15 42	0 15	2 59	1 59	34 25	13 45	22 22	22 21	19 18		n.a.
F 14	7 57	13 45	2 19	2 46	2 31	11 18	1 55	24 18	0 41	6 42	1 14	20 1	0 49	15 42	0 15	3 0	1 59	34 25	13 45	22 21	22 20	19 16		n.a.
S 15	7 34	18 25	1 14	3 28	2 16	11 48	1 59	24 21	0 43	6 37	1 14	20 2	0 49	15 42	0 15	3 1	1 59	34 25	13 45	22 21	22 20	19 14		n.a.
S 16	7 11	22 3	0 7	4 12	1 59	12 17	2 3	24 24	0 44	6 31	1 14	20 3	0 49	15 41	0 15	3 2	1 59	34 25	13 44	22 21	22 19	19 12		n.a.
M17	6 48	24 32	0n59	4 59	1 40	12 45	2 7	24 27	0 45	6 26	1 14	20 4	0 49	15 41	0 15	3 3	1 59	34 25	13 44	22 21	22 19	19 10		n.a.
T 18	6 25	25 47	2 0	5 46	1 21	13 14	2 10	24 29	0 46	6 21	1 14	20 4	0 49	15 41	0 15	3 3	1 59	34 25	13 44	22 21	22 18	19 8		n.a.
W19	6 1	25 48	2 55	6 33	1 0	13 42	2 14	24 32	0 48	6 16	1 14	20 5	0 48	15 40	0 15	3 4	1 59	34 25	13 44	22 20	22 18	19 6		n.a.
T 20	5 37	24 37	3 42	7 19	0 40	14 10	2 18	24 34	0 49	6 10	1 14	20 6	0 48	15 40	0 15	3 5	1 59	34 25	13 44	22 20	22 18	19 4		n.a.
F 21	5 14	22 22	4 19	8 1	0 19	14 37	2 21	24 36	0 50	6 5	1 14	20 7	0 48	15 40	0 15	3 6	1 59	34 25	13 43	22 18	22 17	19 2		n.a.
S 22	4 50	19 9	4 44	8 40	0n 1	15 4	2 25	24 39	0 51	6 0	1 14	20 8	0 48	15 39	0 15	3 7	1 59	34 25	13 43	22 17	22 17	19 0		n.a.
S 23	4 26	15 9	4 58	9 14	0 20	15 31	2 28	24 41	0 53	5 55	1 14	20 8	0 48	15 39	0 15	3 8	1 59	34 25	13 43	22 14	22 16	18 58		n.a.
M24	4 2	10 33	4 58	9 43	0 38	15 57	2 31	24 43	0 54	5 49	1 14	20 9	0 48	15 39	0 15	3 9	1 59	34 25	13 43	22 12	22 16	18 56		n.a.
T 25	3 38	5 31	4 45	10 6	0 54	16 23	2 35	24 44	0 55	5 44	1 14	20 10	0 48	15 38	0 15	3 9	1 59	34 25	13 42	22 10	22 15	18 54		n.a.
W26	3 14	0 14	4 19	10 23	1 9	16 49	2 38	24 46	0 57	5 39	1 14	20 11	0 47	15 38	0 15	3 10	1 59	34 25	13 42	22 8	22 15	18 52		n.a.
T 27	2 49	5s 8	3 41	10 34	1 22	17 14	2 41	24 48	0 58	5 33	1 14	20 12	0 47	15 37	0 15	3 11	1 59	34 25	13 42	22 6	22 14	18 50		n.a.
F 28	2 25	10 23	2 51	10 40	1 34	17 39	2 44	24 49	0 59	5 28	1 14	20 13	0 47	15 37	0 15	3 12	1 59	34 24	13 42	22 5	22 14	18 48		n.a.
S 29	2 1	15 17	1 53	10 40	1 43	18 4	2 47	24 51	1 1	5 23	1 14	20 14	0 47	15 36	0 15	3 13	1 59	34 24	13 41	22 4	22 13	18 46		n.a.
S 30	1n36	19s36	0n47	10n35	1n52	18s28	2s50	24n52	1n 2	5n18	1n14	20s15	0n47	15n36	0s15	3s14	1n59	34s24	13s41	22n 4	22n13	18n44		n.a.

Julian Day Number = 1296880.5, Delta T = 07h54m00s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'09, Lahiri = -20°00'09 Julian Calendar 1 Sept. 1163 BCE == Greg. Calendar 21 Aug. 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

OCTOBER 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 54 31	27♍ 1'44	12♐33	8♍16	13♏21	0♋42	19♍52	2♐36	12°R28	12♎37	27°R23	8°D23	9♊15	23♌ 7	n.a.	M 1
T 2	23 58 28	28° 2'14	25°57	9° 5	14°27	1° 9	20° 5	2°41	12♉26	12°40	27♑23	8°R24	9°12	23°13	n.a.	T 2
W 3	0 2 24	29° 2'46	9♑42	10° 1	15°33	1°36	20°19	2°45	12°24	12°42	27°22	8♊23	9° 9	23°20	n.a.	W 3
T 4	0 6 21	0♎ 3'19	23°49	11° 3	16°39	2° 3	20°32	2°49	12°23	12°44	27°22	8°21	9° 6	23°27	n.a.	T 4
F 5	0 10 17	1° 3'53	8♒18	12°10	17°44	2°30	20°45	2°54	12°21	12°46	27°21	8°16	9° 3	23°33	n.a.	F 5
S 6	0 14 14	2° 4'29	23° 6	13°22	18°50	2°56	20°58	2°58	12°19	12°48	27°21	8° 9	8°59	23°40	n.a.	S 6
S 7	0 18 10	3° 5'06	8♓ 6	14°37	19°55	3°22	21°11	3° 3	12°17	12°51	27°21	8° 0	8°56	23°47	n.a.	S 7
M 8	0 22 7	4° 5'44	23° 9	15°56	21° 0	3°47	21°24	3° 7	12°15	12°53	27°20	7°50	8°53	23°54	n.a.	M 8
T 9	0 26 4	5° 6'24	8♈ 6	17°17	22° 4	4°13	21°37	3°12	12°14	12°55	27°20	7°40	8°50	24° 0	n.a.	T 9
W10	0 30 0	6° 7'06	22°47	18°41	23° 9	4°38	21°50	3°17	12°12	12°57	27°19	7°32	8°47	24° 7	n.a.	W10
T 11	0 33 57	7° 7'49	7♉ 5	20° 7	24°13	5° 3	22° 3	3°22	12°10	13° 0	27°19	7°25	8°44	24°14	n.a.	T 11
F 12	0 37 53	8° 8'34	20°55	21°34	25°17	5°28	22°16	3°27	12° 8	13° 2	27°19	7°22	8°40	24°20	n.a.	F 12
S 13	0 41 50	9° 9'21	4♊18	23° 3	26°21	5°52	22°29	3°32	12° 6	13° 4	27°19	7°D20	8°37	24°27	n.a.	S 13
S 14	0 45 46	10°10'10	17°13	24°33	27°24	6°16	22°42	3°37	12° 4	13° 6	27°18	7°21	8°34	24°34	n.a.	S 14
M15	0 49 43	11°11'00	29°46	26° 4	28°27	6°39	22°55	3°42	12° 2	13° 9	27°18	7°22	8°31	24°41	n.a.	M15
T 16	0 53 39	12°11'52	12♋ 1	27°35	29°30	7° 3	23° 8	3°47	12° 0	13°11	27°18	7°R22	8°28	24°47	n.a.	T 16
W17	0 57 36	13°12'45	24° 3	29° 7	0♐32	7°26	23°21	3°52	11°57	13°13	27°18	7°22	8°25	24°54	n.a.	W17
T 18	1 1 33	14°13'40	5♌56	0♎40	1°34	7°49	23°34	3°58	11°55	13°15	27°18	7°19	8°21	25° 1	n.a.	T 18
F 19	1 5 29	15°14'37	17°47	2°13	2°36	8°11	23°47	4° 3	11°53	13°18	27°18	7°14	8°18	25° 7	n.a.	F 19
S 20	1 9 26	16°15'35	29°38	3°46	3°37	8°33	23°59	4° 9	11°51	13°20	27°18	7° 7	8°15	25°14	n.a.	S 20
S 21	1 13 22	17°16'34	11♍35	5°20	4°38	8°54	24°12	4°14	11°49	13°22	27°18	6°58	8°12	25°21	n.a.	S 21
M22	1 17 19	18°17'35	23°38	6°53	5°39	9°16	24°25	4°20	11°46	13°24	27°18	6°48	8° 9	25°28	n.a.	M22
T 23	1 21 15	19°18'37	5♎51	8°27	6°39	9°37	24°37	4°25	11°44	13°27	27°D18	6°38	8° 5	25°34	n.a.	T 23
W24	1 25 12	20°19'41	18°14	10° 1	7°39	9°57	24°50	4°31	11°42	13°29	27°18	6°29	8° 2	25°41	n.a.	W24
T 25	1 29 8	21°20'45	0♏47	11°35	8°39	10°17	25° 2	4°37	11°39	13°31	27°18	6°22	7°59	25°48	n.a.	T 25
F 26	1 33 5	22°21'50	13°32	13° 9	9°38	10°37	25°15	4°43	11°37	13°33	27°18	6°18	7°56	25°55	n.a.	F 26
S 27	1 37 2	23°22'57	26°27	14°43	10°36	10°56	25°27	4°49	11°35	13°36	27°18	6°15	7°53	26° 1	n.a.	S 27
S 28	1 40 58	24°24'04	9♐34	16°17	11°34	11°15	25°40	4°54	11°32	13°38	27°18	6°D15	7°50	26° 8	n.a.	S 28
M29	1 44 55	25°25'12	22°54	17°51	12°32	11°33	25°52	5° 0	11°30	13°40	27°18	6°16	7°46	26°15	n.a.	M29
T 30	1 48 51	26°26'21	6♑26	19°25	13°29	11°51	26° 5	5° 6	11°27	13°42	27°18	6°17	7°43	26°21	n.a.	T 30
W31	1 52 48	27♎27'30	20♑12	20♎59	14♐25	12♋ 9	26♍17	5♐13	11♉25	13♎45	27♑18	6♊18	7♊40	26♌28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n12	23s 2	0s22	10n26	1n58	18s51	2s53	24n54	1n 4	5n12	1n14	20s16	0n47	15n36	0s15	3s15	1n59	34s24	13s41	22n 4	22n12	18n42			n.a.
T 2	0 48	25 18	1 32	10 12	2 4	19 14	2 56	24 55	1 5	5 7	1 14	20 17	0 47	15 35	0 15	3 16	1 59	34 24	13 41	22 4	22 12	18 40			n.a.
W 3	0 23	26 6	2 38	9 54	2 8	19 37	2 59	24 56	1 7	5 2	1 14	20 18	0 46	15 35	0 15	3 16	1 59	34 24	13 40	22 4	22 11	18 37			n.a.
T 4	0s 1	25 15	3 37	9 33	2 11	19 59	3 2	24 57	1 8	4 57	1 14	20 19	0 46	15 34	0 15	3 17	1 59	34 24	13 40	22 4	22 11	18 35			n.a.
F 5	0 26	22 42	4 23	9 9	2 12	20 21	3 4	24 58	1 9	4 51	1 14	20 20	0 46	15 33	0 15	3 18	1 59	34 23	13 40	22 3	22 10	18 33			n.a.
S 6	0 50	18 38	4 52	8 41	2 13	20 42	3 7	24 59	1 11	4 46	1 14	20 21	0 46	15 33	0 15	3 19	1 59	34 23	13 40	22 2	22 10	18 31			n.a.
S 7	1 15	13 20	5 3	8 12	2 13	21 2	3 9	25 0	1 12	4 41	1 14	20 22	0 46	15 32	0 15	3 20	1 59	34 23	13 39	22 0	22 9	18 29			n.a.
M 8	1 39	7 13	4 52	7 40	2 12	21 22	3 11	25 1	1 14	4 36	1 14	20 23	0 46	15 32	0 15	3 21	1 59	34 23	13 39	21 59	22 9	18 27			n.a.
T 9	2 4	0 44	4 22	7 6	2 10	21 42	3 14	25 1	1 16	4 31	1 14	20 24	0 46	15 31	0 15	3 22	1 59	34 23	13 39	21 57	22 8	18 25			n.a.
W10	2 28	5n42	3 34	6 30	2 8	22 1	3 16	25 2	1 17	4 25	1 14	20 25	0 45	15 31	0 15	3 23	1 59	34 23	13 39	21 56	22 8	18 23			n.a.
T 11	2 53	11 41	2 34	5 53	2 5	22 19	3 18	25 3	1 19	4 20	1 14	20 26	0 45	15 30	0 15	3 24	1 59	34 22	13 38	21 55	22 7	18 21			n.a.
F 12	3 17	16 53	1 27	5 15	2 2	22 37	3 20	25 3	1 20	4 15	1 14	20 27	0 45	15 29	0 15	3 24	1 59	34 22	13 38	21 54	22 7	18 19			n.a.
S 13	3 41	21 5	0 16	4 36	1 58	22 55	3 21	25 4	1 22	4 10	1 14	20 28	0 45	15 29	0 15	3 25	1 59	34 22	13 38	21 54	22 6	18 17			n.a.
S 14	4 5	24 5	0n53	3 56	1 53	23 11	3 23	25 4	1 23	4 5	1 14	20 29	0 45	15 28	0 15	3 26	1 59	34 22	13 37	21 54	22 6	18 14			n.a.
M15	4 30	25 47	1 57	3 15	1 49	23 28	3 24	25 5	1 25	3 59	1 14	20 30	0 45	15 28	0 15	3 27	1 59	34 21	13 37	21 54	22 5	18 12			n.a.
T 16	4 54	26 11	2 55	2 33	1 44	23 43	3 26	25 5	1 27	3 54	1 14	20 32	0 45	15 27	0 15	3 28	1 59	34 21	13 37	21 54	22 5	18 10			n.a.
W17	5 18	25 19	3 43	1 51	1 38	23 58	3 27	25 6	1 28	3 49	1 14	20 33	0 44	15 26	0 15	3 29	1 59	34 21	13 37	21 54	22 4	18 8			n.a.
T 18	5 42	23 19	4 22	1 9	1 33	24 12	3 28	25 6	1 30	3 44	1 15	20 34	0 44	15 26	0 15	3 30	1 59	34 21	13 36	21 53	22 4	18 6			n.a.
F 19	6 6	20 20	4 49	0 26	1 27	24 26	3 29	25 6	1 32	3 39	1 15	20 35	0 44	15 25	0 15	3 31	1 59	34 20	13 36	21 53	22 3	18 4			n.a.
S 20	6 30	16 30	5 4	0s17	1 21	24 39	3 30	25 7	1 34	3 34	1 15	20 36	0 44	15 24	0 15	3 32	1 59	34 20	13 36	21 51	22 3	18 2			n.a.
S 21	6 54	12 1	5 5	1 0	1 15	24 52	3 31	25 7	1 35	3 29	1 15	20 37	0 44	15 23	0 15	3 32	1 59	34 20	13 35	21 50	22 2	17 59			n.a.
M22	7 17	7 2	4 53	1 44	1 9	25 4	3 31	25 7	1 37	3 24	1 15	20 38	0 44	15 23	0 15	3 33	1 59	34 20	13 35	21 48	22 2	17 57			n.a.
T 23	7 41	1 44	4 28	2 27	1 2	25 15	3 32	25 8	1 39	3 19	1 15	20 40	0 44	15 22	0 15	3 34	1 59	34 19	13 35	21 46	22 1	17 55			n.a.
W24	8 4	3s44	3 50	3 11	0 56	25 26	3 32	25 8	1 41	3 14	1 15	20 41	0 44	15 21	0 15	3 35	1 59	34 19	13 35	21 45	22 1	17 53			n.a.
T 25	8 27	9 8	3 0	3 54	0 49	25 36	3 32	25 8	1 43	3 9	1 15	20 42	0 43	15 21	0 15	3 36	1 59	34 19	13 34	21 44	22 0	17 51			n.a.
F 26	8 51	14 15	2 0	4 37	0 43	25 45	3 32	25 8	1 45	3 4	1 15	20 43	0 43	15 20	0 15	3 37	1 59	34 18	13 34	21 43	22 0	17 49			n.a.
S 27	9 14	18 50	0 53	5 20	0 36	25 53	3 31	25 9	1 46	2 59	1 15	20 44	0 43	15 19	0 15	3 38	1 59	34 18	13 34	21 42	21 59	17 46			n.a.
S 28	9 37	22 33	0s18	6 3	0 29	26 1	3 31	25 9	1 48	2 54	1 15	20 46	0 43	15 18	0 15	3 39	1 59	34 18	13 33	21 42	21 59	17 44			n.a.
M29	9 59	25 7	1 29	6 46	0 23	26 9	3 30	25 9	1 50	2 49	1 15	20 47	0 43	15 18	0 15	3 39	1 59	34 18	13 33	21 43	21 58	17 42			n.a.
T 30	10 22	26 17	2 36	7 28	0 16	26 16	3 30	25 10	1 52	2 44	1 15	20 48	0 43	15 17	0 15	3 40	1 59	34 17	13 33	21 43	21 57	17 40			n.a.
W31	10s44	25s51	3s36	8s10	0n 9	26s22	3s29	25n10	1n54	2n39	1n15	20s49	0n43	15n16	0s15	3s41	1n59	34s17	13s32	21n43	21n57	17n38			n.a.

Julian Day Number = 1296910.5, Delta T = 07h53m59s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'05, Lahiri = -20°00'05 Julian Calendar 1 Oct. 1163 BCE == Greg. Calendar 20 Sept. 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

NOVEMBER 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 44	28♎28'40	4♒12	22♎33	15♐21	12♋26	26♍29	5♐19	11°R22	13♎47	27♑19	6°R19	7♊37	26♌35	n.a.	T 1
F 2	2 0 41	29°29'50	18°26	24° 7	16°17	12°42	26°41	5°25	11♉20	13°49	27°19	6♊17	7°34	26°42	n.a.	F 2
S 3	2 4 37	0♏31'01	2♓51	25°41	17°12	12°59	26°53	5°31	11°17	13°51	27°19	6°14	7°30	26°48	n.a.	S 3
S 4	2 8 34	1°32'12	17°24	27°15	18° 6	13°14	27° 5	5°37	11°15	13°53	27°19	6° 9	7°27	26°55	n.a.	S 4
M 5	2 12 31	2°33'23	1♈59	28°49	18°59	13°29	27°17	5°44	11°12	13°55	27°20	6° 4	7°24	27° 2	n.a.	M 5
T 6	2 16 27	3°34'35	16°30	0♏23	19°52	13°44	27°29	5°50	11°10	13°58	27°20	5°59	7°21	27° 8	n.a.	T 6
W 7	2 20 24	4°35'48	0♉51	1°58	20°44	13°58	27°41	5°56	11° 7	14° 0	27°21	5°54	7°18	27°15	n.a.	W 7
T 8	2 24 20	5°37'01	14°55	3°32	21°35	14°12	27°53	6° 3	11° 5	14° 2	27°21	5°51	7°15	27°22	n.a.	T 8
F 9	2 28 17	6°38'15	28°39	5° 7	22°26	14°25	28° 5	6° 9	11° 2	14° 4	27°21	5°50	7°11	27°29	n.a.	F 9
S 10	2 32 13	7°39'29	11♊59	6°41	23°16	14°38	28°16	6°16	10°59	14° 6	27°22	5°D50	7° 8	27°35	n.a.	S 10
S 11	2 36 10	8°40'44	24°57	8°16	24° 4	14°50	28°28	6°22	10°57	14° 8	27°22	5°51	7° 5	27°42	n.a.	S 11
M12	2 40 7	9°42'00	7♋34	9°51	24°52	15° 1	28°39	6°29	10°54	14°10	27°23	5°52	7° 2	27°49	n.a.	M12
T 13	2 44 3	10°43'16	19°53	11°26	25°40	15°12	28°51	6°35	10°52	14°12	27°23	5°54	6°59	27°56	n.a.	T 13
W14	2 48 0	11°44'33	1♌58	13° 1	26°26	15°22	29° 2	6°42	10°49	14°15	27°24	5°55	6°56	28° 2	n.a.	W14
T 15	2 51 56	12°45'50	13°54	14°37	27°11	15°32	29°14	6°49	10°47	14°17	27°24	5°R56	6°52	28° 9	n.a.	T 15
F 16	2 55 53	13°47'08	25°46	16°13	27°55	15°41	29°25	6°55	10°44	14°19	27°25	5°55	6°49	28°16	n.a.	F 16
S 17	2 59 49	14°48'26	7♍39	17°49	28°38	15°49	29°36	7° 2	10°41	14°21	27°26	5°54	6°46	28°22	n.a.	S 17
S 18	3 3 46	15°49'45	19°37	19°25	29°20	15°57	29°47	7° 9	10°39	14°23	27°26	5°51	6°43	28°29	n.a.	S 18
M19	3 7 42	16°51'04	1♎44	21° 1	0♑ 1	16° 4	29°58	7°16	10°36	14°25	27°27	5°48	6°40	28°36	n.a.	M19
T 20	3 11 39	17°52'23	14° 3	22°38	0°41	16°10	0♎ 9	7°22	10°34	14°27	27°28	5°45	6°36	28°43	n.a.	T 20
W21	3 15 36	18°53'43	26°37	24°15	1°19	16°16	0°20	7°29	10°31	14°29	27°28	5°42	6°33	28°49	n.a.	W21
T 22	3 19 32	19°55'02	9♏26	25°52	1°56	16°21	0°31	7°36	10°29	14°30	27°29	5°40	6°30	28°56	n.a.	T 22
F 23	3 23 29	20°56'22	22°30	27°30	2°32	16°26	0°41	7°43	10°26	14°32	27°30	5°39	6°27	29° 3	n.a.	F 23
S 24	3 27 25	21°57'41	5♐50	29° 7	3° 7	16°29	0°52	7°50	10°24	14°34	27°31	5°D38	6°24	29° 9	n.a.	S 24
S 25	3 31 22	22°59'01	19°23	0♐45	3°40	16°32	1° 2	7°57	10°21	14°36	27°32	5°39	6°21	29°16	n.a.	S 25
M26	3 35 18	24° 0'20	3♑ 8	2°24	4°11	16°34	1°13	8° 4	10°19	14°38	27°32	5°40	6°17	29°23	n.a.	M26
T 27	3 39 15	25° 1'39	17° 2	4° 2	4°41	16°36	1°23	8°11	10°16	14°40	27°33	5°41	6°14	29°30	n.a.	T 27
W28	3 43 12	26° 2'57	1♒ 4	5°40	5° 9	16°R37	1°33	8°18	10°14	14°42	27°34	5°41	6°11	29°36	n.a.	W28
T 29	3 47 8	27° 4'15	15°11	7°19	5°35	16°36	1°43	8°25	10°11	14°44	27°35	5°42	6° 8	29°43	n.a.	T 29
F 30	3 51 5	28♏ 5'32	29♒21	8♐58	6♑ 0	16♋36	1♎53	8♐32	10♉ 9	14♎45	27♑36	5°R42	6♊ 5	29♌50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 7	23s47	4s24	8s52	0n 3	26s27	3s27	25n10	1n56	2n34	1n15	20s50	0n43	15n15	0s15	3s42	1n59	34s17	13s32	21n43	21n56	17n35		n.a.
F 2	11 29	20 14	4 56	9 34	0s 4	26 32	3 26	25 11	1 58	2 29	1 16	20 52	0 43	15 15	0 15	3 43	1 59	34 16	13 32	21 43	21 56	17 33		n.a.
S 3	11 50	15 26	5 10	10 15	0 10	26 36	3 24	25 11	2 0	2 25	1 16	20 53	0 42	15 14	0 15	3 44	1 59	34 16	13 32	21 42	21 55	17 31		n.a.
S 4	12 12	9 43	5 5	10 55	0 17	26 39	3 23	25 12	2 2	2 20	1 16	20 54	0 42	15 13	0 15	3 45	1 59	34 15	13 31	21 41	21 55	17 29		n.a.
M 5	12 34	3 28	4 40	11 36	0 23	26 42	3 21	25 12	2 5	2 15	1 16	20 55	0 42	15 12	0 15	3 45	1 59	34 15	13 31	21 41	21 54	17 27		n.a.
T 6	12 55	2n57	3 57	12 15	0 30	26 44	3 18	25 13	2 7	2 10	1 16	20 57	0 42	15 11	0 15	3 46	1 59	34 15	13 31	21 40	21 54	17 24		n.a.
W 7	13 16	9 10	2 59	12 55	0 36	26 46	3 16	25 13	2 9	2 6	1 16	20 58	0 42	15 11	0 15	3 47	1 59	34 14	13 30	21 39	21 53	17 22		n.a.
T 8	13 37	14 48	1 52	13 33	0 42	26 47	3 13	25 14	2 11	2 1	1 16	20 59	0 42	15 10	0 15	3 48	1 59	34 14	13 30	21 38	21 53	17 20		n.a.
F 9	13 57	19 33	0 39	14 11	0 48	26 47	3 10	25 15	2 13	1 56	1 16	21 0	0 42	15 9	0 15	3 49	1 59	34 14	13 30	21 38	21 52	17 18		n.a.
S 10	14 18	23 9	0n34	14 49	0 54	26 46	3 7	25 16	2 15	1 52	1 16	21 1	0 42	15 8	0 15	3 50	1 59	34 13	13 30	21 38	21 52	17 15		n.a.
S 11	14 38	25 27	1 43	15 26	1 0	26 45	3 4	25 16	2 18	1 47	1 16	21 3	0 42	15 7	0 15	3 50	1 59	34 13	13 29	21 38	21 51	17 13		n.a.
M12	14 57	26 22	2 45	16 2	1 5	26 44	3 0	25 17	2 20	1 43	1 17	21 4	0 42	15 7	0 15	3 51	1 59	34 12	13 29	21 38	21 51	17 11		n.a.
T 13	15 17	25 56	3 39	16 38	1 11	26 42	2 56	25 18	2 22	1 38	1 17	21 5	0 41	15 6	0 15	3 52	1 59	34 12	13 29	21 39	21 50	17 9		n.a.
W14	15 36	24 17	4 21	17 13	1 16	26 39	2 52	25 19	2 25	1 33	1 17	21 6	0 41	15 5	0 15	3 53	1 59	34 12	13 28	21 39	21 49	17 6		n.a.
T 15	15 55	21 34	4 52	17 47	1 21	26 36	2 47	25 21	2 27	1 29	1 17	21 8	0 41	15 4	0 15	3 53	1 59	34 11	13 28	21 39	21 49	17 4		n.a.
F 16	16 14	17 59	5 10	18 20	1 26	26 32	2 43	25 22	2 29	1 25	1 17	21 9	0 41	15 3	0 15	3 54	1 59	34 11	13 28	21 39	21 48	17 2		n.a.
S 17	16 33	13 41	5 14	18 52	1 31	26 27	2 38	25 23	2 32	1 20	1 17	21 10	0 41	15 3	0 15	3 55	1 59	34 10	13 28	21 39	21 48	16 59		n.a.
S 18	16 51	8 51	5 6	19 24	1 35	26 22	2 32	25 25	2 34	1 16	1 17	21 11	0 41	15 2	0 15	3 56	1 59	34 10	13 27	21 38	21 47	16 57		n.a.
M19	17 9	3 37	4 43	19 54	1 39	26 17	2 27	25 26	2 36	1 12	1 17	21 13	0 41	15 1	0 15	3 56	1 59	34 10	13 27	21 38	21 47	16 55		n.a.
T 20	17 26	1s50	4 7	20 24	1 43	26 11	2 21	25 28	2 39	1 7	1 17	21 14	0 41	15 0	0 15	3 57	1 59	34 9	13 27	21 37	21 46	16 53		n.a.
W21	17 44	7 20	3 19	20 52	1 47	26 4	2 15	25 30	2 41	1 3	1 18	21 15	0 41	14 59	0 15	3 58	1 59	34 9	13 26	21 37	21 46	16 50		n.a.
T 22	18 1	12 40	2 20	21 20	1 51	25 57	2 8	25 31	2 44	0 59	1 18	21 16	0 41	14 59	0 15	3 59	2 0	34 8	13 26	21 36	21 45	16 48		n.a.
F 23	18 17	17 32	1 12	21 46	1 54	25 50	2 1	25 33	2 46	0 55	1 18	21 18	0 40	14 58	0 15	3 59	2 0	34 8	13 26	21 36	21 45	16 46		n.a.
S 24	18 33	21 39	0s 1	22 11	1 57	25 42	1 54	25 35	2 49	0 50	1 18	21 19	0 40	14 57	0 15	4 0	2 0	34 8	13 26	21 36	21 44	16 43		n.a.
S 25	18 49	24 39	1 15	22 35	1 59	25 33	1 46	25 38	2 51	0 46	1 18	21 20	0 40	14 56	0 15	4 1	2 0	34 7	13 25	21 36	21 43	16 41		n.a.
M26	19 5	26 14	2 26	22 58	2 1	25 24	1 39	25 40	2 54	0 42	1 18	21 21	0 40	14 55	0 15	4 2	2 0	34 7	13 25	21 36	21 43	16 39		n.a.
T 27	19 20	26 11	3 30	23 19	2 3	25 15	1 30	25 42	2 57	0 38	1 18	21 22	0 40	14 55	0 15	4 2	2 0	34 6	13 25	21 36	21 42	16 36		n.a.
W28	19 35	24 29	4 21	23 39	2 5	25 6	1 22	25 45	2 59	0 34	1 19	21 24	0 40	14 54	0 15	4 3	2 0	34 6	13 25	21 37	21 42	16 34		n.a.
T 29	19 50	21 16	4 57	23 57	2 5	24 55	1 13	25 47	3 2	0 30	1 19	21 25	0 40	14 53	0 15	4 4	2 0	34 5	13 24	21 37	21 41	16 32		n.a.
F 30	20s 4	16s47	5s15	24s14	2s 6	24s45	1s 3	25n50	3n 4	0n26	1n19	21s26	0n40	14n52	0s15	4s 4	2n 0	34s 5	13s24	21n37	21n41	16n29		n.a.

Julian Day Number = 1296941.5, Delta T = 07h53m57s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°07'01, Lahiri = -20°00'01 Julian Calendar 1 Nov. 1163 BCE == Greg. Calendar 21 Oct. 1163 BCE

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ASTRODIENST EPHEMERIS for the year 1163 BCE
geocentric

DECEMBER 1163 BCE (-1162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 1	29♏ 6'48	13♓33	10♐36	6♑23	16°R34	2♎ 3	8♐39	10°R 6	14♎47	27♑37	5°R42	6♊ 2	29♌57	n.a.	S 1
S 2	3 58 58	0♐ 8'03	27°44	12°15	6°44	16♋32	2°13	8°46	10♉ 4	14°49	27°38	5♊42	5°58	0♍ 3	n.a.	S 2
M 3	4 2 54	1° 9'18	11♈51	13°53	7° 2	16°29	2°22	8°53	10° 2	14°50	27°39	5°41	5°55	0°10	n.a.	M 3
T 4	4 6 51	2°10'32	25°51	15°31	7°19	16°25	2°32	9° 0	9°59	14°52	27°40	5°40	5°52	0°17	n.a.	T 4
W 5	4 10 47	3°11'45	9♉42	17° 8	7°34	16°20	2°41	9° 7	9°57	14°54	27°41	5°40	5°49	0°23	n.a.	W 5
T 6	4 14 44	4°12'58	23°21	18°45	7°46	16°14	2°51	9°14	9°55	14°55	27°42	5°40	5°46	0°30	n.a.	T 6
F 7	4 18 41	5°14'10	6♊44	20°20	7°56	16° 8	3° 0	9°21	9°52	14°57	27°43	5°40	5°42	0°37	n.a.	F 7
S 8	4 22 37	6°15'22	19°52	21°55	8° 4	16° 1	3° 9	9°28	9°50	14°59	27°44	5°40	5°39	0°44	n.a.	S 8
S 9	4 26 34	7°16'32	2♋42	23°28	8°10	15°53	3°18	9°35	9°48	15° 0	27°45	5°40	5°36	0°50	n.a.	S 9
M10	4 30 30	8°17'43	15°16	24°59	8°13	15°44	3°27	9°43	9°46	15° 2	27°46	5°40	5°33	0°57	n.a.	M10
T 11	4 34 27	9°18'52	27°35	26°27	8°R14	15°35	3°36	9°50	9°44	15° 3	27°48	5°39	5°30	1° 4	n.a.	T 11
W12	4 38 23	10°20'01	9♌42	27°53	8°12	15°25	3°44	9°57	9°42	15° 5	27°49	5°39	5°27	1°11	n.a.	W12
T 13	4 42 20	11°21'10	21°40	29°16	8° 8	15°14	3°53	10° 4	9°39	15° 6	27°50	5°38	5°23	1°17	n.a.	T 13
F 14	4 46 17	12°22'17	3♍33	0♑35	8° 1	15° 2	4° 1	10°11	9°37	15° 8	27°51	5°38	5°20	1°24	n.a.	F 14
S 15	4 50 13	13°23'24	15°26	1°49	7°51	14°49	4°10	10°18	9°35	15° 9	27°52	5°D38	5°17	1°31	n.a.	S 15
S 16	4 54 10	14°24'31	27°23	2°58	7°40	14°35	4°18	10°25	9°33	15°10	27°54	5°38	5°14	1°37	n.a.	S 16
M17	4 58 6	15°25'36	9♎30	4° 0	7°25	14°21	4°26	10°32	9°31	15°12	27°55	5°39	5°11	1°44	n.a.	M17
T 18	5 2 3	16°26'41	21°50	4°56	7° 8	14° 6	4°34	10°39	9°30	15°13	27°56	5°40	5° 8	1°51	n.a.	T 18
W19	5 5 59	17°27'45	4♏27	5°44	6°49	13°51	4°41	10°46	9°28	15°14	27°57	5°41	5° 4	1°58	n.a.	W19
T 20	5 9 56	18°28'48	17°25	6°24	6°27	13°34	4°49	10°53	9°26	15°16	27°59	5°42	5° 1	2° 4	n.a.	T 20
F 21	5 13 52	19°29'51	0♐44	6°54	6° 4	13°17	4°57	11° 1	9°24	15°17	28° 0	5°R42	4°58	2°11	n.a.	F 21
S 22	5 17 49	20°30'52	14°24	7°13	5°38	12°59	5° 4	11° 8	9°22	15°18	28° 1	5°42	4°55	2°18	n.a.	S 22
S 23	5 21 46	21°31'52	28°23	7°R23	5°10	12°41	5°11	11°15	9°20	15°19	28° 3	5°41	4°52	2°25	n.a.	S 23
M24	5 25 42	22°32'51	12♑37	7°21	4°40	12°22	5°18	11°22	9°19	15°20	28° 4	5°39	4°48	2°31	n.a.	M24
T 25	5 29 39	23°33'48	27° 1	7° 8	4° 8	12° 2	5°25	11°29	9°17	15°22	28° 5	5°37	4°45	2°38	n.a.	T 25
W26	5 33 35	24°34'44	11♒31	6°44	3°35	11°42	5°32	11°36	9°16	15°23	28° 7	5°35	4°42	2°45	n.a.	W26
T 27	5 37 32	25°35'38	25°59	6° 9	3° 1	11°21	5°38	11°43	9°14	15°24	28° 8	5°32	4°39	2°51	n.a.	T 27
F 28	5 41 28	26°36'31	10♓21	5°24	2°25	11° 0	5°45	11°50	9°12	15°25	28°10	5°30	4°36	2°58	n.a.	F 28
S 29	5 45 25	27°37'22	24°34	4°30	1°49	10°38	5°51	11°57	9°11	15°26	28°11	5°D30	4°33	3° 5	n.a.	S 29
S 30	5 49 22	28°38'11	8♈36	3°29	1°12	10°16	5°57	12° 3	9°10	15°27	28°12	5°30	4°29	3°12	n.a.	S 30
M31	5 53 18	29♐38'58	22♈25	2♑23	0♑34	9♋54	6♎ 3	12♐10	9♉ 8	15♎28	28♑14	5♊31	4♊26	3♍18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s17	11s23	5s14	24s29	2s 6	24s34	0s54	25n53	3n 7	0n23	1n19	21s27	0n40	14n52	0s15	4s 5	2n 0	34s 4	13s24	21n37	21n40	16n27		n.a.
S 2	20 31	5 24	4 54	24 42	2 5	24 23	0 44	25 56	3 10	0 19	1 19	21 28	0 40	14 51	0 15	4 5	2 0	34 4	13 24	21 37	21 40	16 25		n.a.
M 3	20 44	0n50	4 16	24 54	2 4	24 12	0 33	25 59	3 12	0 15	1 19	21 30	0 40	14 50	0 15	4 6	2 0	34 4	13 23	21 36	21 39	16 22		n.a.
T 4	20 56	7 0	3 23	25 4	2 3	24 0	0 22	26 2	3 15	0 11	1 19	21 31	0 40	14 49	0 15	4 7	2 0	34 3	13 23	21 36	21 38	16 20		n.a.
W 5	21 8	12 46	2 19	25 12	2 0	23 48	0 11	26 5	3 17	0 8	1 20	21 32	0 39	14 49	0 15	4 7	2 0	34 3	13 23	21 36	21 38	16 17		n.a.
T 6	21 20	17 49	1 8	25 18	1 57	23 36	0n 1	26 8	3 20	0 4	1 20	21 33	0 39	14 48	0 15	4 8	2 0	34 2	13 23	21 36	21 37	16 15		n.a.
F 7	21 32	21 53	0n 6	25 22	1 53	23 23	0 13	26 12	3 23	0 0	1 20	21 34	0 39	14 47	0 14	4 8	2 0	34 2	13 23	21 36	21 37	16 13		n.a.
S 8	21 42	24 44	1 18	25 24	1 49	23 10	0 25	26 15	3 25	0s 3	1 20	21 35	0 39	14 46	0 14	4 9	2 0	34 1	13 22	21 36	21 36	16 10		n.a.
S 9	21 53	26 13	2 24	25 24	1 44	22 57	0 38	26 19	3 28	0 7	1 20	21 37	0 39	14 46	0 14	4 10	2 0	34 1	13 22	21 36	21 36	16 8		n.a.
M10	22 3	26 18	3 22	25 22	1 38	22 44	0 51	26 22	3 31	0 10	1 20	21 38	0 39	14 45	0 14	4 10	2 0	34 0	13 22	21 36	21 35	16 6		n.a.
T 11	22 13	25 4	4 10	25 18	1 31	22 30	1 4	26 26	3 33	0 13	1 21	21 39	0 39	14 44	0 14	4 11	2 0	34 0	13 22	21 36	21 34	16 3		n.a.
W12	22 22	22 41	4 45	25 12	1 23	22 17	1 18	26 30	3 36	0 17	1 21	21 40	0 39	14 44	0 14	4 11	2 0	33 59	13 21	21 36	21 34	16 1		n.a.
T 13	22 31	19 21	5 7	25 4	1 14	22 3	1 32	26 34	3 38	0 20	1 21	21 41	0 39	14 43	0 14	4 12	2 0	33 59	13 21	21 36	21 33	15 58		n.a.
F 14	22 39	15 16	5 17	24 54	1 4	21 49	1 46	26 38	3 41	0 23	1 21	21 42	0 39	14 42	0 14	4 12	2 1	33 59	13 21	21 36	21 33	15 56		n.a.
S 15	22 47	10 37	5 12	24 42	0 53	21 35	2 1	26 42	3 43	0 26	1 21	21 43	0 39	14 42	0 14	4 13	2 1	33 58	13 21	21 36	21 32	15 54		n.a.
S 16	22 54	5 33	4 54	24 29	0 41	21 21	2 15	26 46	3 46	0 29	1 22	21 44	0 39	14 41	0 14	4 13	2 1	33 58	13 21	21 36	21 32	15 51		n.a.
M17	23 1	0 12	4 23	24 14	0 28	21 7	2 30	26 50	3 48	0 32	1 22	21 46	0 39	14 41	0 14	4 14	2 1	33 57	13 20	21 36	21 31	15 49		n.a.
T 18	23 8	5s15	3 40	23 58	0 14	20 53	2 45	26 54	3 51	0 35	1 22	21 47	0 38	14 40	0 14	4 14	2 1	33 57	13 20	21 36	21 30	15 46		n.a.
W19	23 14	10 38	2 44	23 41	0n 1	20 39	3 1	26 58	3 53	0 38	1 22	21 48	0 38	14 39	0 14	4 15	2 1	33 56	13 20	21 36	21 30	15 44		n.a.
T 20	23 19	15 43	1 39	23 24	0 17	20 25	3 16	27 2	3 55	0 41	1 22	21 49	0 38	14 39	0 14	4 15	2 1	33 56	13 20	21 37	21 29	15 41		n.a.
F 21	23 25	20 11	0 28	23 5	0 34	20 11	3 31	27 6	3 57	0 44	1 23	21 50	0 38	14 38	0 14	4 16	2 1	33 55	13 20	21 37	21 29	15 39		n.a.
S 22	23 29	23 42	0s48	22 47	0 51	19 57	3 46	27 10	4 0	0 47	1 23	21 51	0 38	14 38	0 14	4 16	2 1	33 55	13 20	21 37	21 28	15 36		n.a.
S 23	23 33	25 51	2 2	22 28	1 9	19 43	4 1	27 14	4 2	0 50	1 23	21 52	0 38	14 37	0 14	4 16	2 1	33 54	13 19	21 36	21 27	15 34		n.a.
M24	23 37	26 22	3 10	22 10	1 28	19 29	4 16	27 18	4 4	0 52	1 23	21 53	0 38	14 37	0 14	4 17	2 1	33 54	13 19	21 36	21 27	15 32		n.a.
T 25	23 40	25 7	4 6	21 52	1 46	19 16	4 31	27 22	4 6	0 55	1 23	21 54	0 38	14 36	0 14	4 17	2 1	33 54	13 19	21 36	21 26	15 29		n.a.
W26	23 43	22 13	4 48	21 35	2 5	19 2	4 45	27 25	4 8	0 57	1 24	21 55	0 38	14 36	0 14	4 18	2 1	33 53	13 19	21 35	21 26	15 27		n.a.
T 27	23 46	17 55	5 10	21 19	2 22	18 49	4 59	27 29	4 10	1 0	1 24	21 56	0 38	14 35	0 14	4 18	2 1	33 53	13 19	21 35	21 25	15 24		n.a.
F 28	23 47	12 38	5 14	21 4	2 39	18 37	5 12	27 33	4 11	1 2	1 24	21 57	0 38	14 35	0 14	4 18	2 1	33 52	13 19	21 35	21 25	15 22		n.a.
S 29	23 49	6 44	4 58	20 51	2 54	18 24	5 25	27 36	4 13	1 5	1 24	21 58	0 38	14 34	0 14	4 19	2 1	33 52	13 19	21 34	21 24	15 19		n.a.
S 30	23 50	0 34	4 24	20 39	3 8	18 12	5 37	27 40	4 15	1 7	1 24	21 59	0 38	14 34	0 14	4 19	2 1	33 51	13 18	21 34	21 23	15 17		n.a.
M31	23s50	5n32	3s35	20s28	3n20	18s 1	5n49	27n43	4n16	1s 9	1n25	22s 0	0n38	14n33	0s14	4s19	2n 2	33s51	13s18	21n35	21n23	15n14		n.a.

Julian Day Number = 1296971.5, Delta T = 07h53m55s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'57, Lahiri = -19°59'57 Julian Calendar 1 Dec. 1163 BCE == Greg. Calendar 20 Nov. 1163 BCE

The year -1162 astronomical counting style corresponds to year 1163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

JANUARY 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 15	0♉39'44	6♉ 1	1°R13	29°R57	9°R31	6♎ 9	12♐17	9°R 7	15♎29	28♉15	5♊33	4♊23	3♍25	n.a.	T 1
W 2	6 1 11	1°40'28	19°25	0♉ 2	29♐19	9♋ 8	6°15	12°24	9♉ 6	15°29	28°17	5°34	4°20	3°32	n.a.	W 2
T 3	6 5 8	2°41'10	2♊36	28♐51	28°42	8°45	6°20	12°31	9° 4	15°30	28°18	5°R35	4°17	3°39	n.a.	T 3
F 4	6 9 4	3°41'50	15°35	27°42	28° 6	8°21	6°26	12°38	9° 3	15°31	28°20	5°35	4°14	3°45	n.a.	F 4
S 5	6 13 1	4°42'29	28°23	26°37	27°31	7°58	6°31	12°45	9° 2	15°32	28°21	5°33	4°10	3°52	n.a.	S 5
S 6	6 16 57	5°43'06	10♋58	25°37	26°57	7°34	6°36	12°51	9° 1	15°33	28°23	5°29	4° 7	3°59	n.a.	S 6
M 7	6 20 54	6°43'42	23°22	24°44	26°24	7°10	6°41	12°58	9° 0	15°33	28°24	5°24	4° 4	4° 5	n.a.	M 7
T 8	6 24 51	7°44'16	5♌36	23°57	25°53	6°46	6°46	13° 5	8°59	15°34	28°26	5°19	4° 1	4°12	n.a.	T 8
W 9	6 28 47	8°44'48	17°40	23°18	25°23	6°22	6°50	13°11	8°58	15°35	28°27	5°12	3°58	4°19	n.a.	W 9
T 10	6 32 44	9°45'19	29°37	22°47	24°56	5°58	6°55	13°18	8°57	15°35	28°29	5° 6	3°54	4°26	n.a.	T 10
F 11	6 36 40	10°45'48	11♍30	22°23	24°30	5°35	6°59	13°25	8°56	15°36	28°30	5° 1	3°51	4°32	n.a.	F 11
S 12	6 40 37	11°46'16	23°22	22° 7	24° 7	5°11	7° 3	13°31	8°55	15°36	28°32	4°58	3°48	4°39	n.a.	S 12
S 13	6 44 33	12°46'42	5♎17	21°59	23°46	4°48	7° 7	13°38	8°54	15°37	28°34	4°56	3°45	4°46	n.a.	S 13
M14	6 48 30	13°47'06	17°21	21°D57	23°28	4°25	7°10	13°44	8°54	15°37	28°35	4°D56	3°42	4°53	n.a.	M14
T 15	6 52 26	14°47'29	29°38	22° 2	23°11	4° 2	7°14	13°51	8°53	15°38	28°37	4°57	3°39	4°59	n.a.	T 15
W16	6 56 23	15°47'50	12♏13	22°14	22°58	3°39	7°17	13°57	8°52	15°38	28°38	4°58	3°35	5° 6	n.a.	W16
T 17	7 0 20	16°48'10	25° 9	22°32	22°47	3°17	7°20	14° 3	8°52	15°38	28°40	5° 0	3°32	5°13	n.a.	T 17
F 18	7 4 16	17°48'28	8♐32	22°55	22°38	2°55	7°23	14°10	8°51	15°39	28°41	5°R 0	3°29	5°19	n.a.	F 18
S 19	7 8 13	18°48'45	22°21	23°23	22°32	2°34	7°26	14°16	8°51	15°39	28°43	4°59	3°26	5°26	n.a.	S 19
S 20	7 12 9	19°48'59	6♑35	23°56	22°28	2°13	7°29	14°22	8°51	15°39	28°45	4°55	3°23	5°33	n.a.	S 20
M21	7 16 6	20°49'12	21°12	24°34	22°D27	1°53	7°31	14°29	8°50	15°40	28°46	4°50	3°20	5°40	n.a.	M21
T 22	7 20 2	21°49'23	6♒ 3	25°16	22°28	1°33	7°34	14°35	8°50	15°40	28°48	4°43	3°16	5°46	n.a.	T 22
W23	7 23 59	22°49'32	21° 1	26° 1	22°31	1°14	7°36	14°41	8°50	15°40	28°50	4°35	3°13	5°53	n.a.	W23
T 24	7 27 55	23°49'38	5♓55	26°50	22°37	0°55	7°38	14°47	8°50	15°40	28°51	4°28	3°10	6° 0	n.a.	T 24
F 25	7 31 52	24°49'42	20°39	27°42	22°45	0°37	7°39	14°53	8°49	15°40	28°53	4°22	3° 7	6° 6	n.a.	F 25
S 26	7 35 49	25°49'44	5♈ 6	28°38	22°55	0°20	7°41	14°59	8°49	15°40	28°54	4°18	3° 4	6°13	n.a.	S 26
S 27	7 39 45	26°49'43	19°13	29°36	23° 8	0° 3	7°42	15° 5	8°D49	15°R40	28°56	4°16	3° 0	6°20	n.a.	S 27
M28	7 43 42	27°49'40	2♉58	0♉37	23°22	29♊47	7°43	15°11	8°49	15°40	28°58	4°D15	2°57	6°27	n.a.	M28
T 29	7 47 38	28°49'35	16°24	1°41	23°39	29°32	7°44	15°16	8°49	15°40	28°59	4°16	2°54	6°33	n.a.	T 29
W30	7 51 35	29°49'28	29°31	2°46	23°57	29°17	7°45	15°22	8°50	15°40	29° 1	4°R17	2°51	6°40	n.a.	W30
T 31	7 55 31	0♒49'18	12♊23	3♉54	24♐18	29♊ 4	7♎46	15♐28	8♉50	15♎40	29♉ 2	4♊17	2♊48	6♍47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s50	11n18	2s35	20s19	3n30	17s50	6n 0	27n46	4n18	1s11	1n25	22s 1	0n38	14n33	0s14	4s19	2n 2	33s50	13s18	21n35	21n22	15n12			n.a.
W 2	23 49	16 28	1 28	20 12	3 38	17 40	6 10	27 49	4 19	1 13	1 25	22 2	0 38	14 32	0 14	4 20	2 2	33 50	13 18	21 35	21 22	15 9			n.a.
T 3	23 48	20 45	0 16	20 7	3 43	17 30	6 20	27 52	4 20	1 15	1 25	22 3	0 38	14 32	0 14	4 20	2 2	33 50	13 18	21 35	21 21	15 7			n.a.
F 4	23 47	23 57	0n55	20 3	3 46	17 21	6 29	27 55	4 21	1 17	1 25	22 4	0 37	14 32	0 14	4 20	2 2	33 49	13 18	21 35	21 20	15 4			n.a.
S 5	23 45	25 51	2 2	20 1	3 47	17 12	6 37	27 57	4 22	1 19	1 26	22 5	0 37	14 31	0 14	4 20	2 2	33 49	13 18	21 35	21 20	15 2			n.a.
S 6	23 42	26 23	3 1	20 1	3 45	17 4	6 44	28 0	4 23	1 21	1 26	22 6	0 37	14 31	0 14	4 21	2 2	33 48	13 18	21 34	21 19	14 59			n.a.
M 7	23 40	25 34	3 52	20 2	3 42	16 57	6 50	28 2	4 24	1 23	1 26	22 7	0 37	14 31	0 14	4 21	2 2	33 48	13 18	21 33	21 19	14 57			n.a.
T 8	23 36	23 33	4 30	20 5	3 37	16 51	6 56	28 4	4 25	1 24	1 26	22 8	0 37	14 30	0 14	4 21	2 2	33 47	13 18	21 32	21 18	14 54			n.a.
W 9	23 32	20 29	4 57	20 10	3 30	16 45	7 0	28 6	4 26	1 26	1 27	22 8	0 37	14 30	0 14	4 21	2 2	33 47	13 17	21 31	21 17	14 52			n.a.
T 10	23 28	16 36	5 9	20 16	3 22	16 40	7 4	28 8	4 26	1 28	1 27	22 9	0 37	14 30	0 14	4 21	2 2	33 47	13 17	21 30	21 17	14 49			n.a.
F 11	23 23	12 7	5 9	20 24	3 13	16 36	7 7	28 9	4 26	1 29	1 27	22 10	0 37	14 30	0 14	4 22	2 2	33 46	13 17	21 29	21 16	14 47			n.a.
S 12	23 18	7 11	4 55	20 33	3 3	16 33	7 9	28 10	4 27	1 31	1 27	22 11	0 37	14 29	0 14	4 22	2 2	33 46	13 17	21 29	21 16	14 44			n.a.
S 13	23 12	1 58	4 29	20 43	2 53	16 31	7 11	28 12	4 27	1 32	1 28	22 12	0 37	14 29	0 14	4 22	2 2	33 45	13 17	21 28	21 15	14 42			n.a.
M14	23 6	3s23	3 50	20 54	2 42	16 29	7 12	28 12	4 27	1 33	1 28	22 13	0 37	14 29	0 14	4 22	2 2	33 45	13 17	21 28	21 14	14 39			n.a.
T 15	23 0	8 43	3 0	21 6	2 30	16 28	7 12	28 13	4 27	1 34	1 28	22 14	0 37	14 29	0 14	4 22	2 3	33 44	13 17	21 28	21 14	14 36			n.a.
W16	22 53	13 51	2 0	21 18	2 18	16 28	7 11	28 14	4 27	1 35	1 28	22 14	0 37	14 28	0 14	4 22	2 3	33 44	13 17	21 29	21 13	14 34			n.a.
T 17	22 45	18 31	0 53	21 31	2 7	16 29	7 10	28 14	4 27	1 37	1 28	22 15	0 37	14 28	0 14	4 22	2 3	33 44	13 17	21 29	21 12	14 31			n.a.
F 18	22 38	22 24	0s19	21 44	1 55	16 30	7 8	28 14	4 26	1 38	1 29	22 16	0 37	14 28	0 14	4 22	2 3	33 43	13 17	21 29	21 12	14 29			n.a.
S 19	22 29	25 9	1 32	21 57	1 43	16 32	7 6	28 14	4 26	1 38	1 29	22 17	0 37	14 28	0 14	4 22	2 3	33 43	13 17	21 29	21 11	14 26			n.a.
S 20	22 21	26 22	2 42	22 10	1 31	16 34	7 3	28 14	4 25	1 39	1 29	22 18	0 37	14 28	0 14	4 22	2 3	33 43	13 17	21 28	21 11	14 24			n.a.
M21	22 11	25 48	3 43	22 24	1 20	16 37	7 0	28 14	4 25	1 40	1 29	22 18	0 37	14 28	0 14	4 23	2 3	33 42	13 17	21 27	21 10	14 21			n.a.
T 22	22 2	23 25	4 30	22 37	1 8	16 41	6 56	28 14	4 24	1 41	1 30	22 19	0 37	14 28	0 14	4 23	2 3	33 42	13 17	21 26	21 9	14 18			n.a.
W23	21 52	19 26	4 58	22 50	0 57	16 45	6 52	28 13	4 23	1 41	1 30	22 20	0 37	14 28	0 14	4 23	2 3	33 41	13 17	21 24	21 9	14 16			n.a.
T 24	21 42	14 13	5 7	23 2	0 46	16 50	6 48	28 12	4 22	1 42	1 30	22 21	0 37	14 28	0 14	4 23	2 3	33 41	13 17	21 23	21 8	14 13			n.a.
F 25	21 31	8 16	4 55	23 14	0 35	16 55	6 43	28 11	4 21	1 42	1 30	22 21	0 37	14 28	0 14	4 22	2 3	33 41	13 17	21 22	21 8	14 11			n.a.
S 26	21 20	1 58	4 24	23 25	0 24	17 1	6 38	28 10	4 20	1 43	1 31	22 22	0 37	14 28	0 14	4 22	2 3	33 40	13 17	21 21	21 7	14 8			n.a.
S 27	21 8	4n17	3 38	23 36	0 14	17 7	6 33	28 9	4 19	1 43	1 31	22 23	0 36	14 28	0 14	4 22	2 3	33 40	13 17	21 21	21 6	14 5			n.a.
M28	20 56	10 12	2 40	23 46	0 4	17 13	6 27	28 8	4 18	1 43	1 31	22 23	0 36	14 28	0 13	4 22	2 3	33 40	13 17	21 21	21 6	14 3			n.a.
T 29	20 44	15 30	1 34	23 55	0s 6	17 20	6 22	28 7	4 17	1 43	1 31	22 24	0 36	14 28	0 13	4 22	2 4	33 39	13 17	21 21	21 5	14 0			n.a.
W30	20 31	19 58	0 26	24 4	0 15	17 26	6 16	28 6	4 16	1 44	1 31	22 25	0 36	14 28	0 13	4 22	2 4	33 39	13 17	21 21	21 4	13 58			n.a.
T 31	20s18	23n22	0n43	24s11	0s24	17s34	6n 9	28n 4	4n14	1s44	1n32	22s25	0n36	14n28	0s13	4s22	2n 4	33s39	13s17	21n21	21n 4	13n55			n.a.

Julian Day Number = 1297002.5, Delta T = 07h53m54s
Ecliptic obliquity = 23°50'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'53, Lahiri = -19°59'52 Julian Calendar 1 Jan. 1162 BCE == Greg. Calendar 21 Dec. 1163 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

FEBRUARY 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 59 28	1♒49'06	25♊ 3	5♑ 5	24♐40	28°R51	7♎46	15♐34	8♉50	15°R40	29♑ 4	4°R15	2♊45	6♍54	n.a.	F 1
S 2	8 3 24	2°48'51	7♋31	6°17	25° 4	28♊39	7°46	15°39	8°50	15♎40	29° 6	4♊10	2°41	7° 0	n.a.	S 2
S 3	8 7 21	3°48'34	19°50	7°31	25°30	28°27	7°R46	15°45	8°51	15°40	29° 7	4° 3	2°38	7° 7	n.a.	S 3
M 4	8 11 18	4°48'15	2♌ 2	8°47	25°57	28°16	7°46	15°50	8°51	15°39	29° 9	3°53	2°35	7°14	n.a.	M 4
T 5	8 15 14	5°47'54	14° 7	10° 4	26°26	28° 7	7°46	15°56	8°52	15°39	29°11	3°41	2°32	7°20	n.a.	T 5
W 6	8 19 11	6°47'31	26° 6	11°24	26°57	27°57	7°45	16° 1	8°52	15°39	29°12	3°29	2°29	7°27	n.a.	W 6
T 7	8 23 7	7°47'06	8♍ 0	12°45	27°29	27°49	7°44	16° 6	8°53	15°38	29°14	3°17	2°26	7°34	n.a.	T 7
F 8	8 27 4	8°46'38	19°52	14° 7	28° 2	27°42	7°43	16°11	8°53	15°38	29°15	3° 6	2°22	7°41	n.a.	F 8
S 9	8 31 0	9°46'09	1♎44	15°31	28°37	27°35	7°42	16°17	8°54	15°38	29°17	2°58	2°19	7°47	n.a.	S 9
S 10	8 34 57	10°45'37	13°39	16°57	29°13	27°29	7°41	16°22	8°55	15°37	29°19	2°52	2°16	7°54	n.a.	S 10
M11	8 38 53	11°45'04	25°41	18°24	29°50	27°24	7°40	16°27	8°55	15°37	29°20	2°48	2°13	8° 1	n.a.	M11
T 12	8 42 50	12°44'29	7♏54	19°53	0♑29	27°19	7°38	16°32	8°56	15°36	29°22	2°D47	2°10	8° 8	n.a.	T 12
W13	8 46 46	13°43'52	20°24	21°22	1° 8	27°16	7°36	16°37	8°57	15°36	29°23	2°47	2° 6	8°14	n.a.	W13
T 14	8 50 43	14°43'13	3♐16	22°54	1°49	27°13	7°34	16°41	8°58	15°35	29°25	2°R47	2° 3	8°21	n.a.	T 14
F 15	8 54 40	15°42'32	16°33	24°27	2°31	27°11	7°32	16°46	8°59	15°35	29°26	2°46	2° 0	8°28	n.a.	F 15
S 16	8 58 36	16°41'49	0♑20	26° 1	3°14	27° 9	7°29	16°51	9° 0	15°34	29°28	2°44	1°57	8°34	n.a.	S 16
S 17	9 2 33	17°41'04	14°36	27°36	3°58	27°D 9	7°27	16°56	9° 1	15°33	29°30	2°39	1°54	8°41	n.a.	S 17
M18	9 6 29	18°40'18	29°19	29°13	4°43	27° 9	7°24	17° 0	9° 2	15°33	29°31	2°31	1°51	8°48	n.a.	M18
T 19	9 10 26	19°39'29	14♒22	0♒51	5°28	27°10	7°21	17° 5	9° 3	15°32	29°33	2°21	1°47	8°55	n.a.	T 19
W20	9 14 22	20°38'38	29°37	2°31	6°15	27°12	7°18	17° 9	9° 5	15°31	29°34	2°10	1°44	9° 1	n.a.	W20
T 21	9 18 19	21°37'45	14♓52	4°12	7° 2	27°14	7°15	17°13	9° 6	15°30	29°36	1°59	1°41	9° 8	n.a.	T 21
F 22	9 22 15	22°36'49	29°56	5°54	7°50	27°17	7°11	17°18	9° 7	15°30	29°37	1°50	1°38	9°15	n.a.	F 22
S 23	9 26 12	23°35'51	14♈41	7°38	8°39	27°21	7° 8	17°22	9° 9	15°29	29°39	1°43	1°35	9°22	n.a.	S 23
S 24	9 30 8	24°34'50	29° 1	9°23	9°29	27°25	7° 4	17°26	9°10	15°28	29°40	1°39	1°31	9°28	n.a.	S 24
M25	9 34 5	25°33'47	12♉54	11°10	10°19	27°30	7° 0	17°30	9°12	15°27	29°42	1°37	1°28	9°35	n.a.	M25
T 26	9 38 2	26°32'42	26°21	12°58	11°10	27°36	6°56	17°34	9°13	15°26	29°43	1°37	1°25	9°42	n.a.	T 26
W27	9 41 58	27°31'34	9♊24	14°47	12° 2	27°43	6°51	17°38	9°15	15°25	29°45	1°37	1°22	9°48	n.a.	W27
T 28	9 45 55	28♒30'24	22♊ 9	16♒38	12♑54	27♊50	6♎47	17♐41	9♉16	15♎24	29♑46	1♊36	1♊19	9♍55	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s 5	25n33	1n49	24s17	0s33	17s41	6n 3	28n 3	4n13	1s44	1n32	22s26	0n36	14n28	0s13	4s22	2n 4	33s38	13s17	21n21	21n 3	13n52		n.a.	F 1
S 2	19 51	26 24	2 48	24 23	0 42	17 48	5 56	28 1	4 11	1 43	1 32	22 27	0 36	14 28	0 13	4 22	2 4	33 38	13 17	21 20	21 3	13 50		n.a.	S 2
S 3	19 37	25 56	3 38	24 27	0 50	17 56	5 50	27 59	4 10	1 43	1 32	22 27	0 36	14 28	0 13	4 22	2 4	33 38	13 17	21 18	21 2	13 47		n.a.	S 3
M 4	19 23	24 13	4 18	24 30	0 58	18 4	5 43	27 58	4 8	1 43	1 33	22 28	0 36	14 28	0 13	4 22	2 4	33 37	13 17	21 16	21 1	13 44		n.a.	M 4
T 5	19 8	21 24	4 45	24 32	1 5	18 11	5 36	27 56	4 7	1 43	1 33	22 29	0 36	14 29	0 13	4 21	2 4	33 37	13 17	21 14	21 1	13 42		n.a.	T 5
W 6	18 53	17 43	5 0	24 32	1 12	18 19	5 29	27 54	4 5	1 42	1 33	22 29	0 36	14 29	0 13	4 21	2 4	33 37	13 17	21 12	21 0	13 39		n.a.	W 6
T 7	18 37	13 21	5 1	24 31	1 19	18 27	5 22	27 52	4 3	1 42	1 33	22 30	0 36	14 29	0 13	4 21	2 4	33 36	13 17	21 10	20 59	13 37		n.a.	T 7
F 8	18 22	8 30	4 50	24 29	1 25	18 35	5 15	27 51	4 2	1 41	1 34	22 30	0 36	14 29	0 13	4 21	2 4	33 36	13 18	21 7	20 59	13 34		n.a.	F 8
S 9	18 6	3 21	4 26	24 25	1 31	18 42	5 7	27 49	4 0	1 40	1 34	22 31	0 36	14 29	0 13	4 21	2 4	33 36	13 18	21 6	20 58	13 31		n.a.	S 9
S 10	17 49	1s57	3 50	24 20	1 37	18 50	5 0	27 47	3 58	1 40	1 34	22 32	0 36	14 30	0 13	4 20	2 4	33 36	13 18	21 5	20 57	13 29		n.a.	S 10
M11	17 33	7 14	3 4	24 14	1 42	18 57	4 53	27 45	3 56	1 39	1 34	22 32	0 36	14 30	0 13	4 20	2 4	33 35	13 18	21 4	20 57	13 26		n.a.	M11
T 12	17 16	12 21	2 8	24 6	1 47	19 5	4 45	27 43	3 55	1 38	1 34	22 33	0 36	14 30	0 13	4 20	2 4	33 35	13 18	21 4	20 56	13 23		n.a.	T 12
W13	16 59	17 6	1 5	23 56	1 51	19 12	4 38	27 41	3 53	1 37	1 35	22 33	0 36	14 31	0 13	4 20	2 4	33 35	13 18	21 4	20 56	13 21		n.a.	W13
T 14	16 41	21 12	0s 3	23 45	1 55	19 19	4 31	27 39	3 51	1 36	1 35	22 34	0 36	14 31	0 13	4 19	2 5	33 34	13 18	21 4	20 55	13 18		n.a.	T 14
F 15	16 23	24 21	1 12	23 32	1 59	19 25	4 23	27 37	3 49	1 35	1 35	22 34	0 36	14 31	0 13	4 19	2 5	33 34	13 18	21 4	20 54	13 15		n.a.	F 15
S 16	16 5	26 10	2 20	23 17	2 2	19 32	4 16	27 35	3 47	1 34	1 35	22 35	0 36	14 32	0 13	4 19	2 5	33 34	13 18	21 3	20 54	13 13		n.a.	S 16
S 17	15 47	26 22	3 22	23 1	2 5	19 38	4 8	27 33	3 45	1 33	1 35	22 35	0 36	14 32	0 13	4 18	2 5	33 34	13 19	21 2	20 53	13 10		n.a.	S 17
M18	15 29	24 44	4 12	22 43	2 7	19 44	4 1	27 32	3 43	1 31	1 36	22 36	0 36	14 32	0 13	4 18	2 5	33 33	13 19	21 0	20 52	13 7		n.a.	M18
T 19	15 10	21 20	4 46	22 23	2 9	19 50	3 54	27 30	3 42	1 30	1 36	22 36	0 36	14 33	0 13	4 18	2 5	33 33	13 19	20 58	20 52	13 5		n.a.	T 19
W20	14 51	16 28	5 0	22 2	2 10	19 55	3 46	27 28	3 40	1 29	1 36	22 37	0 36	14 33	0 13	4 17	2 5	33 33	13 19	20 56	20 51	13 2		n.a.	W20
T 21	14 32	10 33	4 53	21 38	2 11	20 0	3 39	27 26	3 38	1 27	1 36	22 37	0 36	14 34	0 13	4 17	2 5	33 33	13 19	20 54	20 50	12 59		n.a.	T 21
F 22	14 12	4 4	4 26	21 13	2 11	20 5	3 32	27 24	3 36	1 26	1 36	22 37	0 36	14 34	0 13	4 17	2 5	33 33	13 19	20 52	20 50	12 56		n.a.	F 22
S 23	13 53	2n30	3 41	20 46	2 11	20 9	3 24	27 22	3 34	1 24	1 37	22 38	0 36	14 35	0 13	4 16	2 5	33 32	13 19	20 51	20 49	12 54		n.a.	S 23
S 24	13 33	8 46	2 43	20 18	2 11	20 13	3 17	27 20	3 32	1 22	1 37	22 38	0 36	14 35	0 13	4 16	2 5	33 32	13 20	20 50	20 48	12 51		n.a.	S 24
M25	13 13	14 25	1 37	19 47	2 10	20 16	3 10	27 19	3 30	1 20	1 37	22 39	0 36	14 36	0 13	4 16	2 5	33 32	13 20	20 50	20 48	12 48		n.a.	M25
T 26	12 52	19 12	0 28	19 14	2 8	20 19	3 3	27 17	3 28	1 19	1 37	22 39	0 36	14 36	0 13	4 15	2 5	33 32	13 20	20 49	20 47	12 46		n.a.	T 26
W27	12 32	22 54	0n41	18 40	2 6	20 22	2 56	27 15	3 26	1 17	1 37	22 39	0 36	14 37	0 13	4 15	2 5	33 32	13 20	20 49	20 46	12 43		n.a.	W27
T 28	12s11	25n22	1n46	18s 4	2s 3	20s24	2n48	27n13	3n24	1s15	1n37	22s40	0n36	14n37	0s13	4s14	2n 5	33s32	13s20	20n49	20n46	12n40		n.a.	T 28

Julian Day Number = 1297033.5, Delta T = 07h53m52s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'49, Lahiri = -19°59'48 Julian Calendar 1 Feb. 1162 BCE == Greg. Calendar 21 Jan. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

MARCH 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 49 51	29♒29'12	4♋37	18♒31	13♉47	27♊58	6°R42	17♐45	9♉18	15°R23	29♉48	1°R33	1♊16	10♍ 2	n.a.	F 1
S 2	9 53 48	0♓27'57	16°54	20°25	14°41	28° 6	6♎38	17°49	9°20	15♎22	29°49	1♊27	1°12	10° 9	n.a.	S 2
S 3	9 57 44	1°26'40	29° 1	22°20	15°35	28°15	6°33	17°52	9°22	15°21	29°51	1°18	1° 9	10°15	n.a.	S 3
M 4	10 1 41	2°25'20	11♌ 3	24°17	16°29	28°24	6°28	17°56	9°23	15°20	29°52	1° 7	1° 6	10°22	n.a.	M 4
T 5	10 5 37	3°23'59	23° 0	26°15	17°24	28°35	6°22	17°59	9°25	15°19	29°53	0°53	1° 3	10°29	n.a.	T 5
W 6	10 9 34	4°22'35	4♍54	28°14	18°20	28°45	6°17	18° 2	9°27	15°18	29°55	0°39	1° 0	10°35	n.a.	W 6
T 7	10 13 31	5°21'09	16°47	0♓15	19°16	28°57	6°11	18° 6	9°29	15°17	29°56	0°25	0°57	10°42	n.a.	T 7
F 8	10 17 27	6°19'41	28°39	2°17	20°13	29° 8	6° 6	18° 9	9°31	15°16	29°57	0°12	0°53	10°49	n.a.	F 8
S 9	10 21 24	7°18'11	10♎33	4°21	21°10	29°21	6° 0	18°12	9°33	15°15	29°59	0° 2	0°50	10°56	n.a.	S 9
S 10	10 25 20	8°16'39	22°31	6°25	22° 7	29°34	5°54	18°15	9°35	15°13	0♒ 0	29♉54	0°47	11° 2	n.a.	S 10
M11	10 29 17	9°15'06	4♏35	8°30	23° 5	29°47	5°48	18°18	9°37	15°12	0° 1	29°49	0°44	11° 9	n.a.	M11
T 12	10 33 13	10°13'30	16°50	10°37	24° 3	0♋ 1	5°42	18°20	9°39	15°11	0° 3	29°47	0°41	11°16	n.a.	T 12
W13	10 37 10	11°11'53	29°19	12°44	25° 2	0°15	5°36	18°23	9°42	15°10	0° 4	29°D47	0°37	11°23	n.a.	W13
T 14	10 41 6	12°10'14	12♐ 8	14°51	26° 1	0°30	5°29	18°26	9°44	15° 8	0° 5	29°R47	0°34	11°29	n.a.	T 14
F 15	10 45 3	13° 8'34	25°19	16°59	27° 0	0°45	5°23	18°28	9°46	15° 7	0° 7	29°46	0°31	11°36	n.a.	F 15
S 16	10 48 59	14° 6'52	8♑58	19° 6	28° 0	1° 1	5°16	18°31	9°48	15° 6	0° 8	29°44	0°28	11°43	n.a.	S 16
S 17	10 52 56	15° 5'08	23° 6	21°14	29° 0	1°18	5°10	18°33	9°51	15° 5	0° 9	29°40	0°25	11°49	n.a.	S 17
M18	10 56 53	16° 3'23	7♒41	23°21	0♒ 1	1°34	5° 3	18°35	9°53	15° 3	0°10	29°33	0°22	11°56	n.a.	M18
T 19	11 0 49	17° 1'36	22°40	25°27	1° 2	1°51	4°56	18°37	9°56	15° 2	0°11	29°24	0°18	12° 3	n.a.	T 19
W20	11 4 46	17°59'47	7♓55	27°31	2° 3	2° 9	4°49	18°39	9°58	15° 0	0°13	29°14	0°15	12°10	n.a.	W20
T 21	11 8 42	18°57'56	23°14	29°35	3° 4	2°27	4°42	18°41	10° 1	14°59	0°14	29° 4	0°12	12°16	n.a.	T 21
F 22	11 12 39	19°56'04	8♈27	1♈36	4° 6	2°46	4°35	18°43	10° 3	14°58	0°15	28°55	0° 9	12°23	n.a.	F 22
S 23	11 16 35	20°54'09	23°22	3°35	5° 8	3° 4	4°28	18°45	10° 6	14°56	0°16	28°48	0° 6	12°30	n.a.	S 23
S 24	11 20 32	21°52'12	7♉53	5°32	6°10	3°24	4°21	18°46	10° 8	14°55	0°17	28°44	0° 3	12°36	n.a.	S 24
M25	11 24 28	22°50'14	21°57	7°27	7°12	3°43	4°13	18°48	10°11	14°53	0°18	28°43	29♉59	12°43	n.a.	M25
T 26	11 28 25	23°48'13	5♊31	9°18	8°15	4° 3	4° 6	18°50	10°14	14°52	0°19	28°D43	29°56	12°50	n.a.	T 26
W27	11 32 22	24°46'11	18°39	11° 7	9°18	4°24	3°58	18°51	10°16	14°50	0°20	28°R43	29°53	12°57	n.a.	W27
T 28	11 36 18	25°44'07	1♋24	12°52	10°21	4°45	3°51	18°52	10°19	14°49	0°21	28°43	29°50	13° 3	n.a.	T 28
F 29	11 40 15	26°42'00	13°51	14°34	11°24	5° 6	3°44	18°53	10°22	14°47	0°22	28°42	29°47	13°10	n.a.	F 29
S 30	11 44 11	27°39'52	26° 4	16°12	12°28	5°27	3°36	18°54	10°25	14°46	0°23	28°38	29°43	13°17	n.a.	S 30
S 31	11 48 8	28♓37'41	8♌ 6	17♈47	13♒32	5♋49	3♎28	18♐55	10♉27	14♎44	0♒24	28♉32	29♉40	13♍23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s50	26n30	2n45	17s26	2s 0	20s26	2n41	27n11	3n22	1s13	1n38	22s40	0n35	14n38	0s13	4s14	2n 5	33s31	13s20	20n49	20n45	12n37		n.a.
S 2	11 29	26 17	3 34	16 46	1 56	20 27	2 34	27 10	3 21	1 11	1 38	22 41	0 35	14 38	0 13	4 14	2 5	33 31	13 21	20 47	20 44	12 35		n.a.
S 3	11 8	24 50	4 14	16 4	1 52	20 28	2 27	27 8	3 19	1 9	1 38	22 41	0 35	14 39	0 13	4 13	2 6	33 31	13 21	20 46	20 44	12 32		n.a.
M 4	10 47	22 15	4 41	15 20	1 47	20 28	2 21	27 6	3 17	1 6	1 38	22 41	0 35	14 39	0 13	4 13	2 6	33 31	13 21	20 43	20 43	12 29		n.a.
T 5	10 25	18 44	4 56	14 34	1 42	20 28	2 14	27 4	3 15	1 4	1 38	22 42	0 35	14 40	0 13	4 12	2 6	33 31	13 21	20 40	20 42	12 26		n.a.
W 6	10 4	14 29	4 58	13 47	1 36	20 28	2 7	27 3	3 13	1 2	1 38	22 42	0 35	14 41	0 13	4 12	2 6	33 31	13 21	20 37	20 42	12 24		n.a.
T 7	9 42	9 42	4 47	12 58	1 30	20 26	2 0	27 1	3 11	1 0	1 39	22 42	0 35	14 41	0 13	4 11	2 6	33 31	13 22	20 34	20 41	12 21		n.a.
F 8	9 20	4 34	4 24	12 7	1 23	20 25	1 54	26 59	3 9	0 57	1 39	22 43	0 35	14 42	0 13	4 11	2 6	33 30	13 22	20 32	20 40	12 18		n.a.
S 9	8 58	0s45	3 49	11 14	1 15	20 22	1 47	26 57	3 8	0 55	1 39	22 43	0 35	14 43	0 13	4 10	2 6	33 30	13 22	20 29	20 40	12 15		n.a.
S 10	8 36	6 4	3 3	10 21	1 7	20 20	1 41	26 56	3 6	0 52	1 39	22 43	0 35	14 43	0 13	4 10	2 6	33 30	13 22	20 28	20 39	12 13		n.a.
M11	8 14	11 14	2 9	9 25	0 59	20 16	1 34	26 54	3 4	0 50	1 39	22 43	0 35	14 44	0 13	4 9	2 6	33 30	13 23	20 27	20 38	12 10		n.a.
T 12	7 51	16 3	1 8	8 28	0 50	20 13	1 28	26 52	3 2	0 47	1 39	22 44	0 35	14 45	0 13	4 9	2 6	33 30	13 23	20 26	20 38	12 7		n.a.
W13	7 29	20 18	0 2	7 31	0 40	20 8	1 22	26 50	3 0	0 45	1 39	22 44	0 35	14 45	0 13	4 8	2 6	33 30	13 23	20 26	20 37	12 4		n.a.
T 14	7 6	23 41	1s 5	6 32	0 30	20 3	1 16	26 49	2 59	0 42	1 39	22 44	0 35	14 46	0 13	4 8	2 6	33 30	13 23	20 26	20 36	12 2		n.a.
F 15	6 44	25 56	2 11	5 32	0 20	19 58	1 9	26 47	2 57	0 39	1 39	22 44	0 35	14 47	0 13	4 7	2 6	33 30	13 23	20 26	20 36	11 59		n.a.
S 16	6 21	26 43	3 12	4 32	0 10	19 52	1 3	26 45	2 55	0 37	1 39	22 45	0 35	14 48	0 13	4 7	2 6	33 30	13 24	20 26	20 35	11 56		n.a.
S 17	5 58	25 48	4 3	3 31	0n 1	19 46	0 57	26 43	2 53	0 34	1 40	22 45	0 35	14 48	0 13	4 6	2 6	33 30	13 24	20 25	20 34	11 53		n.a.
M18	5 35	23 9	4 40	2 30	0 12	19 39	0 52	26 41	2 52	0 31	1 40	22 45	0 35	14 49	0 12	4 5	2 6	33 30	13 24	20 23	20 34	11 50		n.a.
T 19	5 12	18 53	5 0	1 29	0 23	19 31	0 46	26 39	2 50	0 28	1 40	22 45	0 35	14 50	0 12	4 5	2 6	33 30	13 24	20 21	20 33	11 48		n.a.
W20	4 49	13 20	4 58	0 29	0 34	19 23	0 40	26 37	2 48	0 25	1 40	22 46	0 35	14 51	0 12	4 4	2 6	33 30	13 25	20 19	20 32	11 45		n.a.
T 21	4 26	6 56	4 36	0n31	0 45	19 14	0 35	26 35	2 46	0 23	1 40	22 46	0 35	14 52	0 12	4 4	2 6	33 30	13 25	20 17	20 32	11 42		n.a.
F 22	4 3	0 10	3 53	1 30	0 56	19 5	0 29	26 33	2 45	0 20	1 40	22 46	0 35	14 53	0 12	4 3	2 6	33 30	13 25	20 15	20 31	11 39		n.a.
S 23	3 40	6n30	2 56	2 28	1 7	18 55	0 24	26 31	2 43	0 17	1 40	22 46	0 35	14 53	0 12	4 3	2 6	33 30	13 26	20 13	20 30	11 36		n.a.
S 24	3 17	12 40	1 48	3 25	1 17	18 45	0 18	26 29	2 42	0 14	1 40	22 46	0 35	14 54	0 12	4 2	2 6	33 30	13 26	20 12	20 30	11 34		n.a.
M25	2 53	17 58	0 36	4 20	1 27	18 34	0 13	26 27	2 40	0 11	1 40	22 46	0 35	14 55	0 12	4 1	2 6	33 30	13 26	20 12	20 29	11 31		n.a.
T 26	2 30	22 10	0n36	5 14	1 37	18 23	0 8	26 24	2 38	0 8	1 40	22 47	0 35	14 56	0 12	4 1	2 6	33 30	13 26	20 12	20 28	11 28		n.a.
W27	2 7	25 4	1 44	6 5	1 46	18 11	0 3	26 22	2 37	0 5	1 40	22 47	0 35	14 57	0 12	4 0	2 6	33 30	13 27	20 12	20 28	11 25		n.a.
T 28	1 43	26 35	2 45	6 55	1 55	17 58	0s 2	26 20	2 35	0 2	1 40	22 47	0 35	14 58	0 12	4 0	2 6	33 30	13 27	20 12	20 27	11 22		n.a.
F 29	1 20	26 41	3 36	7 43	2 3	17 45	0 7	26 17	2 34	0n 1	1 40	22 47	0 35	14 59	0 12	3 59	2 6	33 30	13 27	20 12	20 26	11 20		n.a.
S 30	0 57	25 29	4 17	8 28	2 10	17 32	0 12	26 15	2 32	0 4	1 40	22 47	0 35	15 0	0 12	3 58	2 6	33 30	13 28	20 11	20 25	11 17		n.a.
S 31	0s33	23n 7	4n45	9n12	2n17	17s18	0s16	26n13	2n30	0n 7	1n40	22s47	0n35	15n 0	0s12	3s58	2n 7	33s30	13s28	20n10	20n25	11n14		n.a.

Julian Day Number = 1297061.5, Delta T = 07h53m51s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'45, Lahiri = -19°59'44 Julian Calendar 1 March 1162 BCE == Greg. Calendar 18 Feb. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

APRIL 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 52 4	29♓35'29	20♌ 2	19♈18	14♒36	6♋11	3°R21	18♐56	10♉30	14°R43	0♒25	28°R24	29♉37	13♍30	n.a.	M 1
T 2	11 56 1	0♈33'15	1♍55	20°45	15°40	6°34	3♎13	18°57	10°33	14♎41	0°26	28♉14	29°34	13°37	n.a.	T 2
W 3	11 59 57	1°30'59	13°47	22° 9	16°44	6°56	3° 6	18°58	10°36	14°40	0°27	28° 3	29°31	13°44	n.a.	W 3
T 4	12 3 54	2°28'42	25°40	23°28	17°49	7°20	2°58	18°58	10°39	14°38	0°28	27°52	29°28	13°50	n.a.	T 4
F 5	12 7 50	3°26'23	7♎36	24°44	18°54	7°43	2°50	18°59	10°42	14°36	0°29	27°43	29°24	13°57	n.a.	F 5
S 6	12 11 47	4°24'03	19°35	25°55	19°59	8° 7	2°43	18°59	10°45	14°35	0°30	27°35	29°21	14° 4	n.a.	S 6
S 7	12 15 44	5°21'41	1♏41	27° 3	21° 4	8°31	2°35	19° 0	10°48	14°33	0°31	27°30	29°18	14°11	n.a.	S 7
M 8	12 19 40	6°19'18	13°54	28° 6	22° 9	8°55	2°27	19° 0	10°51	14°32	0°31	27°27	29°15	14°17	n.a.	M 8
T 9	12 23 37	7°16'54	26°17	29° 5	23°15	9°19	2°20	19° 0	10°54	14°30	0°32	27°D26	29°12	14°24	n.a.	T 9
W10	12 27 33	8°14'28	8♐53	29°59	24°20	9°44	2°12	19°R 0	10°57	14°29	0°33	27°26	29° 8	14°31	n.a.	W10
T 11	12 31 30	9°12'02	21°46	0♑50	25°26	10° 9	2° 5	19° 0	11° 1	14°27	0°34	27°27	29° 5	14°37	n.a.	T 11
F 12	12 35 26	10° 9'34	4♒57	1°36	26°32	10°35	1°57	19° 0	11° 4	14°25	0°35	27°R28	29° 2	14°44	n.a.	F 12
S 13	12 39 23	11° 7'05	18°32	2°18	27°38	11° 0	1°50	18°59	11° 7	14°24	0°35	27°28	28°59	14°51	n.a.	S 13
S 14	12 43 19	12° 4'36	2♓30	2°55	28°44	11°26	1°42	18°59	11°10	14°22	0°36	27°26	28°56	14°58	n.a.	S 14
M15	12 47 16	13° 2'05	16°53	3°27	29°51	11°53	1°35	18°59	11°13	14°20	0°37	27°23	28°53	15° 4	n.a.	M15
T 16	12 51 13	13°59'33	1♈36	3°55	0♈57	12°19	1°28	18°58	11°17	14°19	0°37	27°18	28°49	15°11	n.a.	T 16
W17	12 55 9	14°57'01	16°35	4°18	2° 4	12°46	1°20	18°57	11°20	14°17	0°38	27°12	28°46	15°18	n.a.	W17
T 18	12 59 6	15°54'27	1♉42	4°37	3°11	13°13	1°13	18°57	11°23	14°16	0°38	27° 6	28°43	15°24	n.a.	T 18
F 19	13 3 2	16°51'52	16°46	4°50	4°18	13°40	1° 6	18°56	11°26	14°14	0°39	27° 0	28°40	15°31	n.a.	F 19
S 20	13 6 59	17°49'16	1♊37	4°59	5°25	14° 7	0°59	18°55	11°30	14°12	0°40	26°56	28°37	15°38	n.a.	S 20
S 21	13 10 55	18°46'39	16°10	5°R 3	6°32	14°35	0°52	18°54	11°33	14°11	0°40	26°54	28°34	15°45	n.a.	S 21
M22	13 14 52	19°44'01	0♋17	5° 3	7°40	15° 3	0°45	18°53	11°37	14° 9	0°41	26°D54	28°30	15°51	n.a.	M22
T 23	13 18 48	20°41'22	13°58	4°58	8°47	15°31	0°38	18°51	11°40	14° 8	0°41	26°55	28°27	15°58	n.a.	T 23
W24	13 22 45	21°38'42	27°12	4°49	9°55	15°59	0°31	18°50	11°43	14° 6	0°42	26°56	28°24	16° 5	n.a.	W24
T 25	13 26 42	22°36'00	10♌ 2	4°36	11° 2	16°27	0°25	18°49	11°47	14° 4	0°42	26°58	28°21	16°11	n.a.	T 25
F 26	13 30 38	23°33'17	22°32	4°18	12°10	16°56	0°18	18°47	11°50	14° 3	0°42	26°R58	28°18	16°18	n.a.	F 26
S 27	13 34 35	24°30'33	4♌45	3°58	13°18	17°25	0°12	18°46	11°54	14° 1	0°43	26°58	28°14	16°25	n.a.	S 27
S 28	13 38 31	25°27'47	16°48	3°33	14°26	17°54	0° 5	18°44	11°57	14° 0	0°43	26°56	28°11	16°32	n.a.	S 28
M29	13 42 28	26°25'01	28°43	3° 6	15°34	18°23	29♍59	18°42	12° 1	13°58	0°43	26°53	28° 8	16°38	n.a.	M29
T 30	13 46 24	27♈22'13	10♍35	2♉37	16♓42	18♋53	29♍53	18♐40	12♉ 4	13♎56	0♒44	26♉48	28♉ 5	16♍45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s10	19n47	5n 1	9n53	2n23	17s 3	0s21	26n10	2n29	0n10	1n40	22s47	0n35	15n 1	0s12	3s57	2n 7	33s30	13s28	20n 8	20n24	11n11		n.a.
T 2	0n13	15 40	5 3	10 31	2 28	16 48	0 25	26 7	2 27	0 13	1 40	22 47	0 35	15 2	0 12	3 56	2 7	33 30	13 29	20 6	20 23	11 8		n.a.
W 3	0 37	10 58	4 53	11 7	2 33	16 33	0 30	26 5	2 26	0 16	1 40	22 47	0 35	15 3	0 12	3 56	2 7	33 30	13 29	20 3	20 23	11 5		n.a.
T 4	1 0	5 51	4 29	11 41	2 37	16 17	0 34	26 2	2 24	0 19	1 40	22 47	0 35	15 4	0 12	3 55	2 7	33 30	13 29	20 1	20 22	11 3		n.a.
F 5	1 23	0 31	3 54	12 12	2 40	16 1	0 38	25 59	2 23	0 22	1 40	22 48	0 35	15 5	0 12	3 55	2 7	33 30	13 29	19 59	20 21	11 0		n.a.
S 6	1 47	4s53	3 8	12 41	2 42	15 44	0 42	25 56	2 21	0 25	1 40	22 48	0 35	15 6	0 12	3 54	2 7	33 30	13 30	19 57	20 21	10 57		n.a.
S 7	2 10	10 10	2 14	13 7	2 43	15 26	0 46	25 53	2 20	0 28	1 40	22 48	0 35	15 7	0 12	3 53	2 7	33 31	13 30	19 56	20 20	10 54		n.a.
M 8	2 33	15 8	1 12	13 30	2 43	15 9	0 50	25 50	2 18	0 31	1 39	22 48	0 35	15 8	0 12	3 53	2 7	33 31	13 30	19 55	20 19	10 51		n.a.
T 9	2 56	19 32	0 6	13 51	2 43	14 50	0 54	25 47	2 17	0 34	1 39	22 48	0 35	15 9	0 12	3 52	2 7	33 31	13 31	19 55	20 19	10 48		n.a.
W10	3 19	23 9	1s 1	14 10	2 41	14 32	0 58	25 43	2 16	0 37	1 39	22 48	0 35	15 10	0 12	3 51	2 7	33 31	13 31	19 55	20 18	10 45		n.a.
T 11	3 42	25 42	2 7	14 25	2 38	14 13	1 1	25 40	2 14	0 40	1 39	22 48	0 35	15 11	0 12	3 51	2 7	33 31	13 31	19 55	20 17	10 43		n.a.
F 12	4 5	26 53	3 8	14 38	2 35	13 53	1 5	25 37	2 13	0 43	1 39	22 48	0 34	15 12	0 12	3 50	2 7	33 31	13 32	19 55	20 16	10 40		n.a.
S 13	4 28	26 30	4 1	14 49	2 30	13 33	1 8	25 33	2 11	0 46	1 39	22 48	0 34	15 13	0 12	3 49	2 7	33 31	13 32	19 55	20 16	10 37		n.a.
S 14	4 51	24 28	4 40	14 57	2 25	13 13	1 11	25 29	2 10	0 49	1 39	22 48	0 34	15 14	0 12	3 49	2 7	33 32	13 32	19 55	20 15	10 34		n.a.
M15	5 14	20 51	5 4	15 2	2 18	12 52	1 14	25 26	2 9	0 52	1 39	22 48	0 34	15 15	0 12	3 48	2 7	33 32	13 33	19 54	20 14	10 31		n.a.
T 16	5 36	15 51	5 8	15 5	2 11	12 31	1 17	25 22	2 7	0 55	1 39	22 48	0 34	15 16	0 12	3 48	2 7	33 32	13 33	19 53	20 14	10 28		n.a.
W17	5 59	9 50	4 51	15 5	2 3	12 9	1 20	25 18	2 6	0 58	1 38	22 48	0 34	15 17	0 12	3 47	2 7	33 32	13 33	19 51	20 13	10 25		n.a.
T 18	6 22	3 12	4 15	15 2	1 53	11 47	1 23	25 14	2 4	1 0	1 38	22 48	0 34	15 18	0 12	3 46	2 7	33 32	13 34	19 50	20 12	10 22		n.a.
F 19	6 44	3n37	3 20	14 57	1 43	11 25	1 26	25 10	2 3	1 3	1 38	22 48	0 34	15 19	0 12	3 46	2 7	33 33	13 34	19 49	20 11	10 19		n.a.
S 20	7 6	10 10	2 13	14 50	1 31	11 3	1 28	25 5	2 2	1 6	1 38	22 48	0 34	15 20	0 12	3 45	2 7	33 33	13 35	19 48	20 11	10 17		n.a.
S 21	7 28	16 1	0 58	14 40	1 19	10 40	1 31	25 1	2 0	1 9	1 38	22 48	0 34	15 22	0 12	3 44	2 7	33 33	13 35	19 47	20 10	10 14		n.a.
M22	7 51	20 51	0n18	14 27	1 6	10 16	1 33	24 57	1 59	1 11	1 38	22 48	0 34	15 23	0 12	3 44	2 7	33 33	13 35	19 47	20 9	10 11		n.a.
T 23	8 12	24 22	1 32	14 12	0 52	9 53	1 36	24 52	1 58	1 14	1 38	22 47	0 34	15 24	0 12	3 43	2 7	33 33	13 36	19 47	20 9	10 8		n.a.
W24	8 34	26 26	2 37	13 55	0 37	9 29	1 38	24 47	1 57	1 16	1 37	22 47	0 34	15 25	0 12	3 43	2 7	33 34	13 36	19 48	20 8	10 5		n.a.
T 25	8 56	27 0	3 33	13 36	0 22	9 5	1 40	24 42	1 55	1 19	1 37	22 47	0 34	15 26	0 12	3 42	2 7	33 34	13 36	19 48	20 7	10 2		n.a.
F 26	9 18	26 9	4 18	13 15	0 6	8 40	1 42	24 38	1 54	1 21	1 37	22 47	0 34	15 27	0 12	3 41	2 7	33 34	13 37	19 48	20 6	9 59		n.a.
S 27	9 39	24 3	4 49	12 53	0s11	8 16	1 44	24 32	1 53	1 24	1 37	22 47	0 34	15 28	0 12	3 41	2 7	33 34	13 37	19 48	20 6	9 56		n.a.
S 28	10 0	20 56	5 7	12 29	0 27	7 51	1 46	24 27	1 51	1 26	1 37	22 47	0 34	15 29	0 12	3 40	2 7	33 35	13 37	19 48	20 5	9 53		n.a.
M29	10 21	16 58	5 12	12 4	0 44	7 26	1 47	24 22	1 50	1 28	1 36	22 47	0 34	15 30	0 12	3 39	2 7	33 35	13 38	19 47	20 4	9 50		n.a.
T 30	10n42	12n23	5n 3	11n37	1s 1	7s 0	1s49	24n17	1n49	1n31	1n36	22s47	0n34	15n31	0s12	3s39	2n 7	33s35	13s38	19n46	20n 4	9n47		n.a.

Julian Day Number = 1297092.5, Delta T = 07h53m49s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'41, Lahiri = -19°59'40 Julian Calendar 1 Apr. 1162 BCE == Greg. Calendar 21 March 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

MAY 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 50 21	28♈19'25	22♍28	2°R 6	17♓50	19♋23	29°R47	18°R38	12♉ 7	13°R55	0♒44	26°R44	28♉ 2	16♍52	n.a.	W 1
T 2	13 54 17	29°16'36	4♎23	1♉33	18°59	19°52	29♍41	18♐36	12°11	13♎53	0°44	26♉39	27°59	16°58	n.a.	T 2
F 3	13 58 14	0♉13'45	16°24	0°59	20° 7	20°22	29°36	18°34	12°14	13°52	0°45	26°35	27°55	17° 5	n.a.	F 3
S 4	14 2 11	1°10'54	28°32	0°26	21°16	20°53	29°30	18°32	12°18	13°50	0°45	26°31	27°52	17°12	n.a.	S 4
S 5	14 6 7	2° 8'03	10♏49	29♈52	22°24	21°23	29°25	18°30	12°22	13°49	0°45	26°29	27°49	17°19	n.a.	S 5
M 6	14 10 4	3° 5'11	23°17	29°20	23°33	21°54	29°19	18°27	12°25	13°47	0°45	26°D28	27°46	17°25	n.a.	M 6
T 7	14 14 0	4° 2'18	5♐56	28°49	24°42	22°24	29°14	18°25	12°29	13°46	0°45	26°29	27°43	17°32	n.a.	T 7
W 8	14 17 57	4°59'26	18°47	28°20	25°51	22°55	29° 9	18°22	12°32	13°44	0°45	26°30	27°39	17°39	n.a.	W 8
T 9	14 21 53	5°56'33	1♑53	27°53	27° 0	23°26	29° 4	18°20	12°36	13°43	0°46	26°31	27°36	17°45	n.a.	T 9
F 10	14 25 50	6°53'39	15°15	27°30	28° 9	23°58	28°59	18°17	12°39	13°41	0°46	26°32	27°33	17°52	n.a.	F 10
S 11	14 29 47	7°50'46	28°53	27° 9	29°18	24°29	28°55	18°14	12°43	13°40	0°46	26°33	27°30	17°59	n.a.	S 11
S 12	14 33 43	8°47'52	12♒48	26°53	0♈27	25° 1	28°50	18°11	12°46	13°38	0°46	26°R33	27°27	18° 6	n.a.	S 12
M13	14 37 40	9°44'58	27° 0	26°40	1°37	25°32	28°46	18° 9	12°50	13°37	0°R46	26°33	27°24	18°12	n.a.	M13
T 14	14 41 36	10°42'05	11♓27	26°32	2°46	26° 4	28°42	18° 6	12°54	13°36	0°46	26°31	27°20	18°19	n.a.	T 14
W15	14 45 33	11°39'11	26° 5	26°D28	3°55	26°36	28°38	18° 3	12°57	13°34	0°46	26°30	27°17	18°26	n.a.	W15
T 16	14 49 29	12°36'17	10♈48	26°28	5° 5	27° 9	28°34	17°59	13° 1	13°33	0°46	26°28	27°14	18°32	n.a.	T 16
F 17	14 53 26	13°33'23	25°29	26°34	6°15	27°41	28°31	17°56	13° 4	13°31	0°45	26°27	27°11	18°39	n.a.	F 17
S 18	14 57 22	14°30'29	10♉ 3	26°44	7°24	28°13	28°27	17°53	13° 8	13°30	0°45	26°26	27° 8	18°46	n.a.	S 18
S 19	15 1 19	15°27'34	24°23	26°58	8°34	28°46	28°24	17°50	13°11	13°29	0°45	26°D25	27° 5	18°53	n.a.	S 19
M20	15 5 16	16°24'40	8♊24	27°18	9°44	29°19	28°21	17°46	13°15	13°27	0°45	26°25	27° 1	18°59	n.a.	M20
T 21	15 9 12	17°21'46	22° 2	27°42	10°54	29°52	28°18	17°43	13°19	13°26	0°45	26°26	26°58	19° 6	n.a.	T 21
W22	15 13 9	18°18'51	5♋17	28°11	12° 4	0♌25	28°15	17°39	13°22	13°25	0°45	26°27	26°55	19°13	n.a.	W22
T 23	15 17 5	19°15'56	18°10	28°44	13°14	0°58	28°12	17°36	13°26	13°24	0°44	26°27	26°52	19°19	n.a.	T 23
F 24	15 21 2	20°13'01	0♌43	29°23	14°24	1°32	28°10	17°32	13°29	13°22	0°44	26°28	26°49	19°26	n.a.	F 24
S 25	15 24 58	21°10'06	12°59	0♉ 6	15°34	2° 5	28° 8	17°28	13°33	13°21	0°44	26°28	26°45	19°33	n.a.	S 25
S 26	15 28 55	22° 7'10	25° 3	0°53	16°45	2°39	28° 5	17°25	13°36	13°20	0°44	26°R28	26°42	19°40	n.a.	S 26
M27	15 32 52	23° 4'14	6♍59	1°45	17°55	3°13	28° 4	17°21	13°40	13°19	0°43	26°28	26°39	19°46	n.a.	M27
T 28	15 36 48	24° 1'18	18°52	2°41	19° 5	3°47	28° 2	17°17	13°43	13°18	0°43	26°28	26°36	19°53	n.a.	T 28
W29	15 40 45	24°58'22	0♎45	3°42	20°16	4°21	28° 0	17°13	13°47	13°17	0°43	26°28	26°33	20° 0	n.a.	W29
T 30	15 44 41	25°55'26	12°44	4°47	21°26	4°55	27°59	17° 9	13°50	13°16	0°42	26°28	26°30	20° 6	n.a.	T 30
F 31	15 48 38	26♉52'30	24♎50	5♉56	22♈37	5♌29	27♍58	17♐ 5	13♉54	13♎15	0♒42	26°D28	26♉26	20♍13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n 3	7n20	4n41	11n11	1s18	6s34	1s50	24n11	1n48	1n33	1n36	22s47	0n34	15n32	0s12	3s38	2n 7	33s35	13s38	19n45	20n 3	9n44			n.a.
T 2	11 24	2 0	4 7	10 44	1 35	6 8	1 52	24 5	1 46	1 35	1 36	22 47	0 34	15 33	0 12	3 38	2 6	33 36	13 39	19 44	20 2	9 42			n.a.
F 3	11 44	3s27	3 22	10 17	1 51	5 42	1 53	24 0	1 45	1 37	1 35	22 46	0 34	15 35	0 12	3 37	2 6	33 36	13 39	19 43	20 1	9 39			n.a.
S 4	12 5	8 50	2 27	9 50	2 7	5 16	1 54	23 54	1 44	1 39	1 35	22 46	0 34	15 36	0 12	3 37	2 6	33 36	13 40	19 42	20 1	9 36			n.a.
S 5	12 25	13 59	1 25	9 24	2 22	4 49	1 55	23 48	1 43	1 41	1 35	22 46	0 34	15 37	0 12	3 36	2 6	33 37	13 40	19 41	20 0	9 33			n.a.
M 6	12 45	18 37	0 18	8 59	2 36	4 23	1 56	23 42	1 42	1 43	1 35	22 46	0 34	15 38	0 12	3 35	2 6	33 37	13 40	19 41	19 59	9 30			n.a.
T 7	13 4	22 30	0s52	8 36	2 49	3 56	1 57	23 35	1 40	1 45	1 34	22 46	0 34	15 39	0 12	3 35	2 6	33 37	13 41	19 41	19 58	9 27			n.a.
W 8	13 24	25 20	2 0	8 14	3 2	3 29	1 58	23 29	1 39	1 47	1 34	22 46	0 34	15 40	0 12	3 34	2 6	33 38	13 41	19 41	19 58	9 24			n.a.
T 9	13 43	26 52	3 3	7 54	3 13	3 1	1 59	23 22	1 38	1 49	1 34	22 45	0 33	15 41	0 12	3 34	2 6	33 38	13 41	19 42	19 57	9 21			n.a.
F 10	14 2	26 52	3 57	7 36	3 23	2 34	1 59	23 16	1 37	1 50	1 34	22 45	0 33	15 42	0 12	3 33	2 6	33 38	13 42	19 42	19 56	9 18			n.a.
S 11	14 21	25 16	4 40	7 21	3 31	2 7	2 0	23 9	1 36	1 52	1 33	22 45	0 33	15 43	0 12	3 33	2 6	33 39	13 42	19 42	19 56	9 15			n.a.
S 12	14 40	22 8	5 6	7 8	3 39	1 39	2 0	23 2	1 35	1 53	1 33	22 45	0 33	15 44	0 12	3 32	2 6	33 39	13 42	19 42	19 55	9 12			n.a.
M13	14 58	17 38	5 15	6 58	3 45	1 11	2 1	22 55	1 33	1 55	1 33	22 45	0 33	15 46	0 12	3 32	2 6	33 39	13 43	19 42	19 54	9 9			n.a.
T 14	15 17	12 4	5 5	6 50	3 50	0 43	2 1	22 48	1 32	1 56	1 33	22 44	0 33	15 47	0 12	3 31	2 6	33 40	13 43	19 42	19 53	9 6			n.a.
W15	15 35	5 46	4 35	6 45	3 54	0 16	2 1	22 40	1 31	1 58	1 32	22 44	0 33	15 48	0 12	3 30	2 6	33 40	13 43	19 41	19 53	9 3			n.a.
T 16	15 53	0n53	3 46	6 43	3 56	0n12	2 1	22 33	1 30	1 59	1 32	22 44	0 33	15 49	0 12	3 30	2 6	33 40	13 44	19 41	19 52	9 0			n.a.
F 17	16 10	7 30	2 43	6 44	3 57	0 40	2 1	22 25	1 29	2 0	1 32	22 44	0 33	15 50	0 12	3 29	2 6	33 41	13 44	19 41	19 51	8 57			n.a.
S 18	16 27	13 40	1 29	6 47	3 57	1 9	2 1	22 17	1 28	2 1	1 32	22 43	0 33	15 51	0 12	3 29	2 6	33 41	13 45	19 40	19 50	8 54			n.a.
S 19	16 44	19 0	0 11	6 54	3 56	1 37	2 1	22 10	1 27	2 2	1 31	22 43	0 33	15 52	0 12	3 29	2 6	33 41	13 45	19 40	19 50	8 51			n.a.
M20	17 1	23 9	1n 6	7 3	3 54	2 5	2 0	22 1	1 26	2 3	1 31	22 43	0 33	15 53	0 12	3 28	2 6	33 42	13 45	19 40	19 49	8 48			n.a.
T 21	17 18	25 52	2 17	7 15	3 51	2 33	2 0	21 53	1 25	2 4	1 31	22 43	0 33	15 54	0 12	3 28	2 6	33 42	13 46	19 41	19 48	8 45			n.a.
W22	17 34	27 2	3 19	7 29	3 47	3 1	1 59	21 45	1 23	2 5	1 30	22 42	0 33	15 56	0 12	3 27	2 6	33 43	13 46	19 41	19 47	8 42			n.a.
T 23	17 50	26 41	4 9	7 45	3 42	3 29	1 59	21 37	1 22	2 6	1 30	22 42	0 33	15 57	0 12	3 27	2 6	33 43	13 46	19 41	19 47	8 39			n.a.
F 24	18 5	24 58	4 45	8 5	3 36	3 57	1 58	21 28	1 21	2 7	1 30	22 42	0 33	15 58	0 12	3 26	2 6	33 43	13 47	19 41	19 46	8 36			n.a.
S 25	18 21	22 6	5 8	8 26	3 29	4 26	1 57	21 19	1 20	2 7	1 29	22 42	0 33	15 59	0 12	3 26	2 6	33 44	13 47	19 41	19 45	8 33			n.a.
S 26	18 36	18 20	5 17	8 50	3 21	4 54	1 57	21 10	1 19	2 8	1 29	22 41	0 33	16 0	0 12	3 25	2 6	33 44	13 47	19 41	19 44	8 30			n.a.
M27	18 51	13 54	5 11	9 16	3 13	5 22	1 56	21 1	1 18	2 8	1 29	22 41	0 32	16 1	0 12	3 25	2 6	33 45	13 48	19 41	19 44	8 27			n.a.
T 28	19 5	8 57	4 53	9 43	3 5	5 50	1 55	20 52	1 17	2 9	1 29	22 41	0 32	16 2	0 12	3 25	2 6	33 45	13 48	19 41	19 43	8 24			n.a.
W29	19 19	3 41	4 22	10 13	2 55	6 18	1 54	20 43	1 16	2 9	1 28	22 40	0 32	16 3	0 12	3 24	2 6	33 45	13 48	19 41	19 42	8 21			n.a.
T 30	19 33	1s45	3 39	10 44	2 45	6 45	1 53	20 34	1 15	2 9	1 28	22 40	0 32	16 4	0 12	3 24	2 5	33 46	13 49	19 41	19 41	8 18			n.a.
F 31	19n47	7s12	2n46	11n17	2s35	7n13	1s51	20n24	1n14	2n10	1n28	22s40	0n32	16n 5	0s12	3s23	2n 5	33s46	13s49	19n41	19n41	8n15			n.a.

Julian Day Number = 1297122.5, Delta T = 07h53m47s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'37, Lahiri = -19°59'36 Julian Calendar 1 May 1162 BCE == Greg. Calendar 20 Apr. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

JUNE 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 34	27♉49'34	7♏ 8	7♉10	23♈47	6♌ 3	27°R57	17°R 1	13♉57	13°R13	0°R41	26♉28	26♉23	20♍20	n.a.	S 1
S 2	15 56 31	28°46'39	19°39	8°27	24°58	6°38	27♍56	16♐57	14° 1	13♎12	0♒41	26°28	26°20	20°27	n.a.	S 2
M 3	16 0 27	29°43'43	2♐23	9°49	26° 9	7°13	27°55	16°53	14° 4	13°11	0°40	26°R28	26°17	20°33	n.a.	M 3
T 4	16 4 24	0♊40'49	15°23	11°15	27°20	7°47	27°55	16°49	14° 8	13°10	0°40	26°28	26°14	20°40	n.a.	T 4
W 5	16 8 21	1°37'54	28°37	12°44	28°31	8°22	27°55	16°44	14°11	13°10	0°39	26°27	26°11	20°47	n.a.	W 5
T 6	16 12 17	2°35'01	12♋ 5	14°18	29°41	8°57	27°D55	16°40	14°15	13° 9	0°39	26°27	26° 7	20°53	n.a.	T 6
F 7	16 16 14	3°32'08	25°46	15°55	0♉53	9°33	27°55	16°36	14°18	13° 8	0°38	26°26	26° 4	21° 0	n.a.	F 7
S 8	16 20 10	4°29'15	9♒38	17°36	2° 4	10° 8	27°55	16°32	14°22	13° 7	0°38	26°25	26° 1	21° 7	n.a.	S 8
S 9	16 24 7	5°26'24	23°40	19°20	3°15	10°43	27°55	16°27	14°25	13° 6	0°37	26°25	25°58	21°14	n.a.	S 9
M10	16 28 3	6°23'33	7♓50	21° 8	4°26	11°19	27°56	16°23	14°28	13° 5	0°37	26°D24	25°55	21°20	n.a.	M10
T 11	16 32 0	7°20'44	22° 6	22°58	5°37	11°54	27°57	16°19	14°32	13° 4	0°36	26°25	25°51	21°27	n.a.	T 11
W12	16 35 57	8°17'55	6♈24	24°52	6°49	12°30	27°58	16°14	14°35	13° 4	0°35	26°25	25°48	21°34	n.a.	W12
T 13	16 39 53	9°15'07	20°42	26°48	8° 0	13° 6	27°59	16°10	14°38	13° 3	0°35	26°26	25°45	21°40	n.a.	T 13
F 14	16 43 50	10°12'20	4♉57	28°46	9°11	13°42	28° 0	16° 6	14°42	13° 2	0°34	26°27	25°42	21°47	n.a.	F 14
S 15	16 47 46	11° 9'34	19° 5	0♊47	10°23	14°18	28° 2	16° 1	14°45	13° 2	0°33	26°28	25°39	21°54	n.a.	S 15
S 16	16 51 43	12° 6'49	3♊ 2	2°49	11°34	14°54	28° 3	15°57	14°48	13° 1	0°32	26°R28	25°36	22° 1	n.a.	S 16
M17	16 55 39	13° 4'05	16°45	4°53	12°46	15°30	28° 5	15°52	14°52	13° 0	0°32	26°27	25°32	22° 7	n.a.	M17
T 18	16 59 36	14° 1'22	0♋11	6°58	13°58	16° 7	28° 7	15°48	14°55	13° 0	0°31	26°26	25°29	22°14	n.a.	T 18
W19	17 3 32	14°58'40	13°19	9° 4	15° 9	16°43	28°10	15°43	14°58	12°59	0°30	26°23	25°26	22°21	n.a.	W19
T 20	17 7 29	15°55'58	26° 9	11°10	16°21	17°20	28°12	15°39	15° 1	12°59	0°29	26°20	25°23	22°27	n.a.	T 20
F 21	17 11 26	16°53'17	8♌41	13°16	17°33	17°57	28°15	15°35	15° 4	12°58	0°28	26°17	25°20	22°34	n.a.	F 21
S 22	17 15 22	17°50'37	20°57	15°23	18°45	18°33	28°17	15°30	15° 8	12°58	0°28	26°15	25°17	22°41	n.a.	S 22
S 23	17 19 19	18°47'57	3♍ 2	17°29	19°57	19°10	28°20	15°26	15°11	12°57	0°27	26°13	25°13	22°48	n.a.	S 23
M24	17 23 15	19°45'19	14°58	19°34	21° 9	19°47	28°24	15°21	15°14	12°57	0°26	26°D12	25°10	22°54	n.a.	M24
T 25	17 27 12	20°42'41	26°50	21°39	22°21	20°25	28°27	15°17	15°17	12°56	0°25	26°12	25° 7	23° 1	n.a.	T 25
W26	17 31 8	21°40'04	8♎44	23°42	23°33	21° 2	28°30	15°12	15°20	12°56	0°24	26°13	25° 4	23° 8	n.a.	W26
T 27	17 35 5	22°37'27	20°44	25°45	24°45	21°39	28°34	15° 8	15°23	12°56	0°23	26°15	25° 1	23°14	n.a.	T 27
F 28	17 39 1	23°34'52	2♏53	27°47	25°57	22°17	28°38	15° 4	15°26	12°55	0°22	26°16	24°57	23°21	n.a.	F 28
S 29	17 42 58	24°32'18	15°17	29°47	27°10	22°54	28°42	14°59	15°29	12°55	0°21	26°18	24°54	23°28	n.a.	S 29
S 30	17 46 55	25♊29'45	27♏59	1♋46	28♉22	23♌32	28♍46	14♐55	15♉32	12♎55	0♒20	26°R18	24♉51	23♍34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 0	12s28	1n45	11n52	2s24	7n41	1s50	20n14	1n13	2n10	1n27	22s39	0n32	16n 6	0s12	3s23	2n 5	33s47	13s49	19n41	19n40	8n12		n.a.
S 2	20 13	17 20	0 38	12 28	2 12	8 8	1 49	20 5	1 12	2 10	1 27	22 39	0 32	16 7	0 12	3 23	2 5	33 47	13 50	19 41	19 39	8 9		n.a.
M 3	20 26	21 31	0s33	13 5	2 1	8 35	1 48	19 55	1 11	2 10	1 27	22 39	0 32	16 8	0 12	3 22	2 5	33 48	13 50	19 41	19 38	8 6		n.a.
T 4	20 38	24 43	1 43	13 44	1 49	9 3	1 46	19 45	1 10	2 10	1 26	22 38	0 32	16 10	0 12	3 22	2 5	33 48	13 50	19 41	19 38	8 3		n.a.
W 5	20 50	26 38	2 49	14 23	1 37	9 30	1 45	19 34	1 9	2 9	1 26	22 38	0 32	16 11	0 12	3 22	2 5	33 48	13 51	19 41	19 37	8 0		n.a.
T 6	21 1	27 2	3 47	15 3	1 24	9 57	1 43	19 24	1 8	2 9	1 26	22 38	0 32	16 12	0 12	3 21	2 5	33 49	13 51	19 41	19 36	7 57		n.a.
F 7	21 12	25 48	4 32	15 44	1 12	10 23	1 41	19 13	1 7	2 9	1 25	22 37	0 32	16 13	0 12	3 21	2 5	33 49	13 51	19 41	19 35	7 54		n.a.
S 8	21 23	22 59	5 3	16 25	0 59	10 50	1 40	19 3	1 6	2 8	1 25	22 37	0 32	16 14	0 12	3 21	2 5	33 50	13 52	19 40	19 35	7 51		n.a.
S 9	21 34	18 48	5 16	17 6	0 47	11 16	1 38	18 52	1 5	2 8	1 25	22 37	0 32	16 15	0 12	3 21	2 5	33 50	13 52	19 40	19 34	7 48		n.a.
M10	21 44	13 33	5 10	17 47	0 34	11 42	1 36	18 41	1 4	2 7	1 25	22 36	0 31	16 16	0 12	3 20	2 5	33 51	13 52	19 40	19 33	7 45		n.a.
T 11	21 54	7 32	4 45	18 28	0 22	12 8	1 34	18 30	1 3	2 7	1 24	22 36	0 31	16 17	0 11	3 20	2 5	33 51	13 53	19 40	19 32	7 42		n.a.
W12	22 3	1 7	4 3	19 8	0 10	12 34	1 32	18 19	1 2	2 6	1 24	22 35	0 31	16 18	0 11	3 20	2 5	33 52	13 53	19 40	19 32	7 39		n.a.
T 13	22 12	5n22	3 5	19 47	0n 1	12 59	1 30	18 8	1 1	2 5	1 24	22 35	0 31	16 19	0 11	3 19	2 5	33 52	13 53	19 41	19 31	7 36		n.a.
F 14	22 21	11 34	1 56	20 25	0 13	13 24	1 28	17 56	1 0	2 5	1 23	22 35	0 31	16 20	0 11	3 19	2 5	33 53	13 54	19 41	19 30	7 33		n.a.
S 15	22 29	17 8	0 41	21 2	0 24	13 49	1 26	17 45	0 59	2 4	1 23	22 34	0 31	16 21	0 11	3 19	2 5	33 53	13 54	19 41	19 29	7 30		n.a.
S 16	22 37	21 42	0n36	21 38	0 34	14 13	1 24	17 33	0 58	2 3	1 23	22 34	0 31	16 22	0 11	3 19	2 5	33 53	13 54	19 41	19 28	7 27		n.a.
M17	22 44	24 59	1 50	22 11	0 44	14 38	1 22	17 21	0 57	2 2	1 22	22 34	0 31	16 23	0 11	3 19	2 4	33 54	13 54	19 41	19 28	7 23		n.a.
T 18	22 52	26 45	2 55	22 42	0 53	15 2	1 20	17 9	0 56	2 0	1 22	22 33	0 31	16 24	0 11	3 19	2 4	33 54	13 55	19 40	19 27	7 20		n.a.
W19	22 58	26 58	3 50	23 11	1 2	15 25	1 17	16 57	0 55	1 59	1 22	22 33	0 31	16 25	0 11	3 18	2 4	33 55	13 55	19 40	19 26	7 17		n.a.
T 20	23 5	25 43	4 32	23 38	1 10	15 48	1 15	16 45	0 54	1 58	1 21	22 32	0 31	16 26	0 11	3 18	2 4	33 55	13 55	19 39	19 25	7 14		n.a.
F 21	23 11	23 12	5 0	24 2	1 17	16 11	1 13	16 32	0 53	1 57	1 21	22 32	0 31	16 27	0 11	3 18	2 4	33 56	13 55	19 39	19 25	7 11		n.a.
S 22	23 16	19 40	5 13	24 24	1 23	16 34	1 10	16 20	0 52	1 55	1 21	22 32	0 30	16 28	0 11	3 18	2 4	33 56	13 56	19 38	19 24	7 8		n.a.
S 23	23 21	15 24	5 12	24 43	1 29	16 56	1 8	16 7	0 51	1 54	1 20	22 31	0 30	16 28	0 11	3 18	2 4	33 57	13 56	19 37	19 23	7 5		n.a.
M24	23 26	10 35	4 58	24 59	1 34	17 17	1 5	15 55	0 50	1 52	1 20	22 31	0 30	16 29	0 11	3 18	2 4	33 57	13 56	19 37	19 22	7 2		n.a.
T 25	23 30	5 24	4 31	25 12	1 38	17 39	1 3	15 42	0 49	1 51	1 20	22 30	0 30	16 30	0 11	3 18	2 4	33 58	13 57	19 37	19 22	6 59		n.a.
W26	23 34	0 2	3 52	25 23	1 42	18 0	1 1	15 29	0 48	1 49	1 20	22 30	0 30	16 31	0 11	3 18	2 4	33 58	13 57	19 38	19 21	6 56		n.a.
T 27	23 37	5s24	3 3	25 31	1 45	18 20	0 58	15 16	0 47	1 47	1 19	22 30	0 30	16 32	0 11	3 17	2 4	33 59	13 57	19 38	19 20	6 53		n.a.
F 28	23 41	10 43	2 5	25 36	1 47	18 40	0 55	15 2	0 46	1 45	1 19	22 29	0 30	16 33	0 11	3 17	2 4	33 59	13 57	19 38	19 19	6 50		n.a.
S 29	23 43	15 44	1 0	25 38	1 48	18 59	0 53	14 49	0 45	1 44	1 19	22 29	0 30	16 34	0 11	3 17	2 4	33 59	13 57	19 39	19 18	6 47		n.a.
S 30	23n45	20s11	0s 9	25n39	1n49	19n18	0s50	14n36	0n44	1n42	1n18	22s28	0n30	16n35	0s11	3s17	2n 4	34s 0	13s58	19n39	19n18	6n43		n.a.

Julian Day Number = 1297153.5, Delta T = 07h53m46s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'32, Lahiri = -19°59'32 Julian Calendar 1 June 1162 BCE == Greg. Calendar 21 May 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

JULY 1162 BCE (-1161) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 50 51	26♊27'12	11♐ 0	3♋43	29♉34	24♌10	28♍50	14°R51	15♉35	12°R55	0°R19	26°R17	24♉48	23♍41	n.a.	M 1
T 2	17 54 48	27°24'42	24°20	5°39	0♊47	24°47	28°55	14♐46	15°38	12♎55	0♒18	26♉15	24°45	23°48	n.a.	T 2
W 3	17 58 44	28°22'12	7♑59	7°34	1°59	25°25	28°59	14°42	15°41	12°54	0°17	26°11	24°42	23°55	n.a.	W 3
T 4	18 2 41	29°19'44	21°54	9°27	3°12	26° 3	29° 4	14°38	15°43	12°54	0°16	26° 7	24°38	24° 1	n.a.	T 4
F 5	18 6 37	0♋17'17	6♒ 2	11°19	4°24	26°41	29° 9	14°34	15°46	12°54	0°15	26° 1	24°35	24° 8	n.a.	F 5
S 6	18 10 34	1°14'52	20°17	13° 9	5°37	27°20	29°14	14°30	15°49	12°D54	0°14	25°57	24°32	24°15	n.a.	S 6
S 7	18 14 31	2°12'29	4♓36	14°58	6°50	27°58	29°19	14°25	15°52	12°54	0°13	25°53	24°29	24°21	n.a.	S 7
M 8	18 18 27	3°10'07	18°54	16°45	8° 2	28°36	29°25	14°21	15°54	12°54	0°12	25°50	24°26	24°28	n.a.	M 8
T 9	18 22 24	4° 7'47	3♈ 8	18°31	9°15	29°15	29°30	14°17	15°57	12°54	0°11	25°D50	24°23	24°35	n.a.	T 9
W10	18 26 20	5° 5'28	17°15	20°15	10°28	29°53	29°36	14°13	16° 0	12°54	0°10	25°50	24°19	24°42	n.a.	W10
T 11	18 30 17	6° 3'12	1♉15	21°58	11°41	0♍32	29°42	14° 9	16° 2	12°55	0° 8	25°51	24°16	24°48	n.a.	T 11
F 12	18 34 13	7° 0'57	15° 7	23°40	12°54	1°11	29°48	14° 5	16° 5	12°55	0° 7	25°53	24°13	24°55	n.a.	F 12
S 13	18 38 10	7°58'44	28°48	25°20	14° 7	1°50	29°54	14° 1	16° 7	12°55	0° 6	25°R53	24°10	25° 2	n.a.	S 13
S 14	18 42 6	8°56'33	12♊20	26°59	15°20	2°29	29°59	13°58	16°10	12°55	0° 5	25°52	24° 7	25° 8	n.a.	S 14
M15	18 46 3	9°54'24	25°40	28°36	16°33	3° 8	0♎ 6	13°54	16°12	12°55	0° 4	25°48	24° 3	25°15	n.a.	M15
T 16	18 50 0	10°52'17	8♋47	0♌12	17°46	3°47	0°13	13°50	16°15	12°56	0° 3	25°43	24° 0	25°22	n.a.	T 16
W17	18 53 56	11°50'11	21°41	1°46	19° 0	4°26	0°20	13°46	16°17	12°56	0° 2	25°36	23°57	25°28	n.a.	W17
T 18	18 57 53	12°48'07	4♌20	3°19	20°13	5° 6	0°27	13°43	16°19	12°56	0° 0	25°28	23°54	25°35	n.a.	T 18
F 19	19 1 49	13°46'04	16°46	4°51	21°26	5°45	0°34	13°39	16°22	12°57	29♑59	25°19	23°51	25°42	n.a.	F 19
S 20	19 5 46	14°44'03	28°59	6°22	22°40	6°25	0°41	13°36	16°24	12°57	29°58	25°11	23°48	25°49	n.a.	S 20
S 21	19 9 42	15°42'03	11♍ 1	7°51	23°53	7° 4	0°48	13°32	16°26	12°58	29°57	25° 4	23°44	25°55	n.a.	S 21
M22	19 13 39	16°40'05	22°55	9°18	25° 7	7°44	0°55	13°29	16°28	12°58	29°56	24°59	23°41	26° 2	n.a.	M22
T 23	19 17 35	17°38'09	4♎46	10°44	26°20	8°24	1° 3	13°26	16°31	12°59	29°54	24°56	23°38	26° 9	n.a.	T 23
W24	19 21 32	18°36'14	16°38	12° 9	27°34	9° 4	1°11	13°23	16°33	12°59	29°53	24°D55	23°35	26°15	n.a.	W24
T 25	19 25 29	19°34'20	28°36	13°32	28°47	9°43	1°18	13°19	16°35	13° 0	29°52	24°55	23°32	26°22	n.a.	T 25
F 26	19 29 25	20°32'29	10♏45	14°54	0♋ 1	10°24	1°26	13°16	16°37	13° 0	29°51	24°56	23°29	26°29	n.a.	F 26
S 27	19 33 22	21°30'39	23°10	16°14	1°15	11° 4	1°34	13°13	16°39	13° 1	29°49	24°R57	23°25	26°36	n.a.	S 27
S 28	19 37 18	22°28'50	5♐56	17°33	2°28	11°44	1°43	13°10	16°41	13° 2	29°48	24°56	23°22	26°42	n.a.	S 28
M29	19 41 15	23°27'04	19° 6	18°50	3°42	12°24	1°51	13° 7	16°42	13° 3	29°47	24°54	23°19	26°49	n.a.	M29
T 30	19 45 11	24°25'19	2♑41	20° 5	4°56	13° 5	1°59	13° 5	16°44	13° 3	29°46	24°49	23°16	26°56	n.a.	T 30
W31	19 49 8	25♋23'36	16♑40	21♌18	6♋10	13♍45	2♎ 8	13♐ 2	16♉46	13♎ 4	29♑44	24♉42	23♉13	27♍ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n47	23s46	1s20	25n36	1n50	19n37	0s48	14n22	0n43	1n40	1n18	22s28	0n30	16n36	0s11	3s17	2n 4	34s 0	13s58	19n38	19n17	6n40			n.a.
T 2	23 48	26 10	2 27	25 32	1 49	19 55	0 45	14 8	0 42	1 38	1 18	22 28	0 29	16 36	0 11	3 17	2 3	34 1	13 58	19 38	19 16	6 37			n.a.
W 3	23 49	27 3	3 28	25 25	1 48	20 13	0 42	13 54	0 41	1 35	1 17	22 27	0 29	16 37	0 11	3 17	2 3	34 1	13 58	19 37	19 15	6 34			n.a.
T 4	23 50	26 15	4 18	25 16	1 47	20 30	0 40	13 40	0 41	1 33	1 17	22 27	0 29	16 38	0 11	3 17	2 3	34 2	13 59	19 36	19 14	6 31			n.a.
F 5	23 50	23 47	4 52	25 5	1 45	20 46	0 37	13 26	0 40	1 31	1 17	22 27	0 29	16 39	0 11	3 17	2 3	34 2	13 59	19 35	19 14	6 28			n.a.
S 6	23 50	19 50	5 9	24 52	1 42	21 2	0 34	13 12	0 39	1 29	1 17	22 26	0 29	16 40	0 11	3 17	2 3	34 3	13 59	19 34	19 13	6 25			n.a.
S 7	23 49	14 44	5 7	24 37	1 39	21 17	0 32	12 58	0 38	1 26	1 16	22 26	0 29	16 41	0 11	3 18	2 3	34 3	13 59	19 33	19 12	6 22			n.a.
M 8	23 48	8 50	4 46	24 21	1 36	21 32	0 29	12 44	0 37	1 24	1 16	22 25	0 29	16 41	0 11	3 18	2 3	34 4	13 59	19 32	19 11	6 19			n.a.
T 9	23 46	2 31	4 8	24 3	1 32	21 46	0 26	12 29	0 36	1 21	1 16	22 25	0 29	16 42	0 11	3 18	2 3	34 4	14 0	19 32	19 11	6 16			n.a.
W10	23 44	3n54	3 14	23 43	1 27	22 0	0 23	12 14	0 35	1 19	1 15	22 25	0 29	16 43	0 11	3 18	2 3	34 4	14 0	19 32	19 10	6 12			n.a.
T 11	23 42	10 5	2 10	23 22	1 23	22 13	0 21	12 0	0 34	1 16	1 15	22 24	0 28	16 44	0 11	3 18	2 3	34 5	14 0	19 32	19 9	6 9			n.a.
F 12	23 39	15 43	0 58	23 0	1 18	22 25	0 18	11 45	0 33	1 14	1 15	22 24	0 28	16 44	0 11	3 18	2 3	34 5	14 0	19 33	19 8	6 6			n.a.
S 13	23 35	20 29	0n16	22 36	1 12	22 37	0 15	11 30	0 32	1 11	1 15	22 24	0 28	16 45	0 11	3 18	2 3	34 6	14 0	19 33	19 7	6 3			n.a.
S 14	23 32	24 6	1 28	22 12	1 7	22 48	0 13	11 15	0 31	1 8	1 14	22 23	0 28	16 46	0 11	3 18	2 3	34 6	14 0	19 32	19 7	6 0			n.a.
M15	23 27	26 20	2 34	21 46	1 0	22 59	0 10	11 0	0 31	1 5	1 14	22 23	0 28	16 47	0 11	3 19	2 3	34 7	14 1	19 32	19 6	5 57			n.a.
T 16	23 23	27 2	3 31	21 19	0 54	23 9	0 7	10 45	0 30	1 2	1 14	22 23	0 28	16 47	0 11	3 19	2 3	34 7	14 1	19 30	19 5	5 54			n.a.
W17	23 18	26 15	4 15	20 52	0 47	23 18	0 4	10 29	0 29	0 59	1 13	22 22	0 28	16 48	0 11	3 19	2 2	34 7	14 1	19 29	19 4	5 51			n.a.
T 18	23 12	24 7	4 46	20 23	0 41	23 26	0 2	10 14	0 28	0 56	1 13	22 22	0 28	16 49	0 11	3 19	2 2	34 8	14 1	19 27	19 3	5 47			n.a.
F 19	23 7	20 52	5 3	19 54	0 33	23 34	0n 1	9 58	0 27	0 53	1 13	22 22	0 28	16 49	0 11	3 19	2 2	34 8	14 1	19 24	19 3	5 44			n.a.
S 20	23 0	16 47	5 6	19 25	0 26	23 41	0 4	9 43	0 26	0 50	1 13	22 21	0 27	16 50	0 11	3 20	2 2	34 9	14 1	19 22	19 2	5 41			n.a.
S 21	22 54	12 5	4 55	18 54	0 18	23 48	0 6	9 27	0 25	0 47	1 12	22 21	0 27	16 51	0 11	3 20	2 2	34 9	14 1	19 21	19 1	5 38			n.a.
M22	22 46	7 0	4 31	18 24	0 11	23 53	0 9	9 11	0 24	0 44	1 12	22 21	0 27	16 51	0 11	3 20	2 2	34 9	14 2	19 20	19 0	5 35			n.a.
T 23	22 39	1 41	3 56	17 52	0 3	23 58	0 11	8 55	0 24	0 40	1 12	22 20	0 27	16 52	0 11	3 20	2 2	34 10	14 2	19 19	18 59	5 32			n.a.
W24	22 31	3s43	3 11	17 21	0s 5	24 3	0 14	8 39	0 23	0 37	1 12	22 20	0 27	16 53	0 11	3 21	2 2	34 10	14 2	19 19	18 59	5 29			n.a.
T 25	22 23	9 2	2 17	16 49	0 14	24 6	0 17	8 23	0 22	0 34	1 11	22 20	0 27	16 53	0 11	3 21	2 2	34 11	14 2	19 19	18 58	5 25			n.a.
F 26	22 14	14 6	1 15	16 17	0 22	24 9	0 19	8 7	0 21	0 30	1 11	22 20	0 27	16 54	0 11	3 21	2 2	34 11	14 2	19 19	18 57	5 22			n.a.
S 27	22 5	18 43	0 10	15 44	0 31	24 11	0 22	7 51	0 20	0 27	1 11	22 19	0 27	16 54	0 11	3 22	2 2	34 11	14 2	19 19	18 56	5 19			n.a.
S 28	21 55	22 37	0s58	15 12	0 40	24 13	0 24	7 34	0 19	0 23	1 11	22 19	0 27	16 55	0 11	3 22	2 2	34 12	14 2	19 19	18 55	5 16			n.a.
M29	21 46	25 28	2 5	14 40	0 48	24 13	0 26	7 18	0 18	0 20	1 10	22 19	0 26	16 55	0 11	3 22	2 2	34 12	14 2	19 18	18 55	5 13			n.a.
T 30	21 35	26 56	3 7	14 7	0 57	24 13	0 29	7 1	0 18	0 16	1 10	22 19	0 26	16 56	0 11	3 23	2 2	34 12	14 2	19 17	18 54	5 10			n.a.
W31	21n25	26s44	4s 0	13n35	1s 6	24n13	0n31	6n45	0n17	0n12	1n10	22s18	0n26	16n56	0s11	3s23	2n 1	34s13	14s 2	19n15	18n53	5n 7			n.a.

Julian Day Number = 1297183.5, Delta T = 07h53m44s
Ecliptic obliquity = 23°50'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'28, Lahiri = -19°59'28 Julian Calendar 1 July 1162 BCE == Greg. Calendar 20 June 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

AUGUST 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 4	26♋21'55	1♒ 0	22♌30	7♋24	14♍26	2♎17	12°R59	16♉48	13♎ 5	29°R43	24°R33	23♉ 9	27♍ 9	n.a.	T 1
F 2	19 57 1	27°20'16	15°35	23°40	8°38	15° 6	2°25	12♐57	16°50	13° 6	29♑42	24♉23	23° 6	27°16	n.a.	F 2
S 3	20 0 58	28°18'38	0♓18	24°47	9°52	15°47	2°34	12°54	16°51	13° 7	29°41	24°14	23° 3	27°22	n.a.	S 3
S 4	20 4 54	29°17'03	15° 0	25°53	11° 6	16°28	2°43	12°52	16°53	13° 7	29°39	24° 6	23° 0	27°29	n.a.	S 4
M 5	20 8 51	0♌15'31	29°36	26°56	12°20	17° 9	2°52	12°50	16°54	13° 8	29°38	24° 0	22°57	27°36	n.a.	M 5
T 6	20 12 47	1°14'00	13♈59	27°57	13°34	17°49	3° 2	12°48	16°56	13° 9	29°37	23°57	22°54	27°43	n.a.	T 6
W 7	20 16 44	2°12'32	28° 8	28°55	14°48	18°30	3°11	12°45	16°57	13°10	29°36	23°D56	22°50	27°49	n.a.	W 7
T 8	20 20 40	3°11'06	12♉ 0	29°51	16° 3	19°12	3°20	12°43	16°59	13°11	29°34	23°56	22°47	27°56	n.a.	T 8
F 9	20 24 37	4° 9'43	25°37	0♍44	17°17	19°53	3°30	12°41	17° 0	13°12	29°33	23°R56	22°44	28° 3	n.a.	F 9
S 10	20 28 33	5° 8'22	9♊ 0	1°33	18°31	20°34	3°40	12°40	17° 1	13°13	29°32	23°55	22°41	28° 9	n.a.	S 10
S 11	20 32 30	6° 7'04	22°10	2°20	19°46	21°15	3°49	12°38	17° 3	13°15	29°31	23°52	22°38	28°16	n.a.	S 11
M12	20 36 26	7° 5'48	5♋ 8	3° 2	21° 0	21°57	3°59	12°36	17° 4	13°16	29°29	23°46	22°35	28°23	n.a.	M12
T 13	20 40 23	8° 4'34	17°55	3°41	22°14	22°38	4° 9	12°35	17° 5	13°17	29°28	23°38	22°31	28°29	n.a.	T 13
W14	20 44 20	9° 3'22	0♌31	4°16	23°29	23°20	4°19	12°33	17° 6	13°18	29°27	23°26	22°28	28°36	n.a.	W14
T 15	20 48 16	10° 2'12	12°57	4°46	24°44	24° 2	4°29	12°32	17° 7	13°19	29°26	23°13	22°25	28°43	n.a.	T 15
F 16	20 52 13	11° 1'05	25°12	5°11	25°58	24°44	4°40	12°30	17° 8	13°21	29°24	23° 0	22°22	28°50	n.a.	F 16
S 17	20 56 9	12° 0'00	7♍18	5°31	27°13	25°25	4°50	12°29	17° 9	13°22	29°23	22°47	22°19	28°56	n.a.	S 17
S 18	21 0 6	12°58'56	19°15	5°45	28°27	26° 7	5° 0	12°28	17°10	13°23	29°22	22°35	22°15	29° 3	n.a.	S 18
M19	21 4 2	13°57'55	1♎ 7	5°53	29°42	26°49	5°11	12°27	17°11	13°24	29°21	22°26	22°12	29°10	n.a.	M19
T 20	21 7 59	14°56'55	12°55	5°R55	0♌57	27°31	5°22	12°26	17°12	13°26	29°20	22°20	22° 9	29°16	n.a.	T 20
W21	21 11 55	15°55'58	24°45	5°50	2°11	28°14	5°32	12°25	17°13	13°27	29°18	22°16	22° 6	29°23	n.a.	W21
T 22	21 15 52	16°55'02	6♏40	5°37	3°26	28°56	5°43	12°25	17°13	13°29	29°17	22°14	22° 3	29°30	n.a.	T 22
F 23	21 19 48	17°54'09	18°46	5°17	4°41	29°38	5°54	12°24	17°14	13°30	29°16	22°14	22° 0	29°36	n.a.	F 23
S 24	21 23 45	18°53'17	1♐ 8	4°50	5°56	0♎21	6° 5	12°23	17°15	13°32	29°15	22°14	21°56	29°43	n.a.	S 24
S 25	21 27 42	19°52'27	13°52	4°15	7°11	1° 3	6°16	12°23	17°15	13°33	29°14	22°13	21°53	29°50	n.a.	S 25
M26	21 31 38	20°51'40	27° 1	3°32	8°26	1°46	6°27	12°23	17°16	13°35	29°12	22°10	21°50	29°56	n.a.	M26
T 27	21 35 35	21°50'54	10♑39	2°42	9°41	2°28	6°39	12°22	17°16	13°36	29°11	22° 4	21°47	0♎ 3	n.a.	T 27
W28	21 39 31	22°50'10	24°47	1°46	10°56	3°11	6°50	12°22	17°16	13°38	29°10	21°56	21°44	0°10	n.a.	W28
T 29	21 43 28	23°49'28	9♒21	0°44	12°11	3°54	7° 1	12°D22	17°17	13°39	29° 9	21°45	21°41	0°17	n.a.	T 29
F 30	21 47 24	24°48'49	24°15	29♌37	13°26	4°36	7°13	12°22	17°17	13°41	29° 8	21°34	21°37	0°23	n.a.	F 30
S 31	21 51 21	25♌48'11	9♓20	28♌27	14♌41	5♎19	7♎24	12♐23	17♉17	13♎43	29♑ 7	21♉22	21♉34	0♎30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n14	24s47	4s38	13n 3	1s15	24n11	0n34	6n28	0n16	0n 9	1n10	22s18	0n26	16n57	0s11	3s23	2n 1	34s13	14s 2	19n13	18n52	5n 3		n.a.
F 2	21 2	21 11	5 0	12 32	1 24	24 9	0 36	6 12	0 15	0 5	1 9	22 18	0 26	16 57	0 11	3 24	2 1	34 13	14 2	19 11	18 51	5 0		n.a.
S 3	20 50	16 14	5 1	12 0	1 34	24 6	0 38	5 55	0 14	0 1	1 9	22 18	0 26	16 58	0 11	3 24	2 1	34 14	14 2	19 8	18 50	4 57		n.a.
S 4	20 38	10 20	4 43	11 30	1 43	24 2	0 40	5 38	0 13	0s 3	1 9	22 17	0 26	16 58	0 11	3 25	2 1	34 14	14 2	19 6	18 50	4 54		n.a.
M 5	20 26	3 56	4 7	10 59	1 52	23 58	0 43	5 21	0 12	0 7	1 9	22 17	0 26	16 59	0 11	3 25	2 1	34 14	14 3	19 5	18 49	4 51		n.a.
T 6	20 13	2n37	3 15	10 30	2 1	23 52	0 45	5 4	0 12	0 11	1 9	22 17	0 25	16 59	0 11	3 25	2 1	34 15	14 3	19 4	18 48	4 48		n.a.
W 7	20 0	8 55	2 13	10 1	2 10	23 46	0 47	4 47	0 11	0 15	1 8	22 17	0 25	17 0	0 11	3 26	2 1	34 15	14 3	19 4	18 47	4 44		n.a.
T 8	19 46	14 42	1 3	9 33	2 19	23 40	0 49	4 30	0 10	0 19	1 8	22 17	0 25	17 0	0 11	3 26	2 1	34 15	14 3	19 4	18 46	4 41		n.a.
F 9	19 32	19 38	0n 9	9 6	2 28	23 32	0 51	4 13	0 9	0 23	1 8	22 17	0 25	17 1	0 11	3 27	2 1	34 16	14 3	19 4	18 46	4 38		n.a.
S 10	19 18	23 28	1 19	8 40	2 36	23 24	0 53	3 55	0 8	0 27	1 8	22 17	0 25	17 1	0 11	3 27	2 1	34 16	14 3	19 4	18 45	4 35		n.a.
S 11	19 3	25 59	2 24	8 15	2 45	23 15	0 55	3 38	0 8	0 31	1 7	22 16	0 25	17 1	0 11	3 28	2 1	34 16	14 3	19 3	18 44	4 32		n.a.
M12	18 48	27 4	3 20	7 52	2 53	23 6	0 57	3 21	0 7	0 35	1 7	22 16	0 25	17 2	0 11	3 28	2 1	34 17	14 3	19 1	18 43	4 29		n.a.
T 13	18 33	26 39	4 5	7 31	3 1	22 56	0 59	3 3	0 6	0 39	1 7	22 16	0 25	17 2	0 11	3 29	2 1	34 17	14 3	18 59	18 42	4 25		n.a.
W14	18 17	24 52	4 37	7 11	3 9	22 45	1 0	2 46	0 5	0 44	1 7	22 16	0 24	17 2	0 11	3 29	2 1	34 17	14 3	18 56	18 41	4 22		n.a.
T 15	18 1	21 55	4 55	6 53	3 16	22 33	1 2	2 28	0 4	0 48	1 7	22 16	0 24	17 3	0 11	3 30	2 1	34 17	14 3	18 53	18 41	4 19		n.a.
F 16	17 45	18 1	5 0	6 38	3 22	22 21	1 4	2 11	0 3	0 52	1 6	22 16	0 24	17 3	0 11	3 30	2 0	34 18	14 2	18 50	18 40	4 16		n.a.
S 17	17 29	13 27	4 51	6 25	3 29	22 8	1 5	1 53	0 3	0 57	1 6	22 16	0 24	17 3	0 11	3 31	2 0	34 18	14 2	18 46	18 39	4 13		n.a.
S 18	17 12	8 26	4 29	6 15	3 34	21 54	1 7	1 36	0 2	1 1	1 6	22 16	0 24	17 3	0 11	3 31	2 0	34 18	14 2	18 43	18 38	4 9		n.a.
M19	16 55	3 8	3 55	6 7	3 39	21 40	1 8	1 18	0 1	1 5	1 6	22 16	0 24	17 4	0 11	3 32	2 0	34 18	14 2	18 41	18 37	4 6		n.a.
T 20	16 37	2s15	3 12	6 3	3 43	21 25	1 10	1 0	0 0	1 10	1 6	22 16	0 24	17 4	0 11	3 33	2 0	34 19	14 2	18 39	18 36	4 3		n.a.
W21	16 19	7 34	2 20	6 2	3 45	21 9	1 11	0 42	0s 1	1 14	1 5	22 16	0 24	17 4	0 11	3 33	2 0	34 19	14 2	18 38	18 36	4 0		n.a.
T 22	16 1	12 41	1 21	6 5	3 47	20 53	1 13	0 25	0 1	1 19	1 5	22 16	0 23	17 4	0 11	3 34	2 0	34 19	14 2	18 38	18 35	3 57		n.a.
F 23	15 43	17 24	0 18	6 12	3 47	20 36	1 14	0 7	0 2	1 23	1 5	22 16	0 23	17 5	0 11	3 34	2 0	34 19	14 2	18 38	18 34	3 53		n.a.
S 24	15 25	21 29	0s47	6 23	3 46	20 19	1 15	0s11	0 3	1 28	1 5	22 16	0 23	17 5	0 11	3 35	2 0	34 19	14 2	18 38	18 33	3 50		n.a.
S 25	15 6	24 41	1 52	6 39	3 44	20 0	1 16	0 29	0 4	1 33	1 5	22 16	0 23	17 5	0 11	3 36	2 0	34 20	14 2	18 37	18 32	3 47		n.a.
M26	14 47	26 41	2 53	6 58	3 39	19 42	1 17	0 47	0 4	1 37	1 4	22 16	0 23	17 5	0 11	3 36	2 0	34 20	14 2	18 37	18 31	3 44		n.a.
T 27	14 27	27 9	3 46	7 22	3 33	19 23	1 18	1 5	0 5	1 42	1 4	22 16	0 23	17 5	0 11	3 37	2 0	34 20	14 2	18 35	18 31	3 41		n.a.
W28	14 8	25 54	4 28	7 50	3 25	19 3	1 19	1 23	0 6	1 47	1 4	22 17	0 23	17 5	0 11	3 38	2 0	34 20	14 2	18 33	18 30	3 37		n.a.
T 29	13 48	22 55	4 53	8 22	3 14	18 42	1 20	1 41	0 7	1 51	1 4	22 17	0 23	17 5	0 11	3 38	2 0	34 20	14 2	18 30	18 29	3 34		n.a.
F 30	13 28	18 21	5 0	8 57	3 2	18 21	1 21	1 59	0 8	1 56	1 4	22 17	0 22	17 5	0 11	3 39	2 0	34 20	14 1	18 27	18 28	3 31		n.a.
S 31	13n 8	12s36	4s46	9n35	2s48	18n 0	1n22	2s16	0s 8	2s 1	1n 4	22s17	0n22	17n 5	0s11	3s40	2n 0	34s21	14s 1	18n24	18n27	3n28		n.a.

Julian Day Number = 1297214.5, Delta T = 07h53m43s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'24, Lahiri = -19°59'24 Julian Calendar 1 Aug. 1162 BCE == Greg. Calendar 21 July 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

SEPTEMBER 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 17	26♌47'36	24♓26	27°R16	15♌56	6♎ 2	7♎36	12♐23	17♉18	13♎44	29°R 6	21°R13	21♉31	0♎37	n.a.	S 1
M 2	21 59 14	27°47'03	9♈24	26♌ 6	17°11	6°45	7°47	12°23	17°18	13°46	29♑ 5	21♉ 5	21°28	0°43	n.a.	M 2
T 3	22 3 11	28°46'32	24° 5	24°58	18°26	7°29	7°59	12°24	17°18	13°48	29° 4	21° 1	21°25	0°50	n.a.	T 3
W 4	22 7 7	29°46'04	8♉25	23°54	19°41	8°12	8°11	12°24	17°R18	13°49	29° 3	20°59	21°21	0°57	n.a.	W 4
T 5	22 11 4	0♍45'38	22°23	22°57	20°56	8°55	8°23	12°25	17°18	13°51	29° 1	20°D59	21°18	1° 3	n.a.	T 5
F 6	22 15 0	1°45'15	5♊58	22° 8	22°11	9°38	8°35	12°26	17°18	13°53	29° 0	20°R59	21°15	1°10	n.a.	F 6
S 7	22 18 57	2°44'54	19°13	21°28	23°27	10°22	8°47	12°27	17°18	13°55	28°59	20°58	21°12	1°17	n.a.	S 7
S 8	22 22 53	3°44'36	2♋10	20°58	24°42	11° 5	8°59	12°28	17°17	13°56	28°58	20°55	21° 9	1°23	n.a.	S 8
M 9	22 26 50	4°44'21	14°53	20°40	25°57	11°49	9°11	12°29	17°17	13°58	28°57	20°49	21° 6	1°30	n.a.	M 9
T 10	22 30 46	5°44'07	27°24	20°D32	27°12	12°32	9°23	12°30	17°17	14° 0	28°57	20°40	21° 2	1°37	n.a.	T 10
W11	22 34 43	6°43'56	9♌44	20°36	28°28	13°16	9°36	12°31	17°16	14° 2	28°56	20°29	20°59	1°44	n.a.	W11
T 12	22 38 39	7°43'47	21°56	20°50	29°43	14° 0	9°48	12°32	17°16	14° 4	28°55	20°16	20°56	1°50	n.a.	T 12
F 13	22 42 36	8°43'40	4♍ 1	21°15	0♍58	14°44	10° 0	12°34	17°16	14° 6	28°54	20° 3	20°53	1°57	n.a.	F 13
S 14	22 46 33	9°43'35	15°59	21°49	2°14	15°28	10°13	12°36	17°15	14° 8	28°53	19°49	20°50	2° 4	n.a.	S 14
S 15	22 50 29	10°43'33	27°52	22°32	3°29	16°11	10°25	12°37	17°15	14°10	28°52	19°38	20°46	2°10	n.a.	S 15
M16	22 54 26	11°43'32	9♎41	23°23	4°45	16°56	10°38	12°39	17°14	14°12	28°51	19°28	20°43	2°17	n.a.	M16
T 17	22 58 22	12°43'33	21°29	24°22	6° 0	17°40	10°50	12°41	17°13	14°14	28°50	19°22	20°40	2°24	n.a.	T 17
W18	23 2 19	13°43'36	3♏18	25°27	7°15	18°24	11° 3	12°43	17°13	14°16	28°49	19°18	20°37	2°30	n.a.	W18
T 19	23 6 15	14°43'41	15°13	26°37	8°31	19° 8	11°16	12°45	17°12	14°18	28°49	19°D17	20°34	2°37	n.a.	T 19
F 20	23 10 12	15°43'48	27°17	27°53	9°46	19°52	11°28	12°47	17°11	14°20	28°48	19°17	20°31	2°44	n.a.	F 20
S 21	23 14 8	16°43'57	9♐36	29°13	11° 2	20°37	11°41	12°49	17°10	14°22	28°47	19°17	20°27	2°50	n.a.	S 21
S 22	23 18 5	17°44'07	22°14	0♍36	12°17	21°21	11°54	12°52	17° 9	14°24	28°46	19°R18	20°24	2°57	n.a.	S 22
M23	23 22 2	18°44'19	5♑18	2° 2	13°33	22° 6	12° 7	12°54	17° 8	14°26	28°45	19°16	20°21	3° 4	n.a.	M23
T 24	23 25 58	19°44'33	18°49	3°30	14°48	22°50	12°20	12°57	17° 7	14°28	28°45	19°13	20°18	3°11	n.a.	T 24
W25	23 29 55	20°44'48	2♒51	5° 1	16° 4	23°35	12°33	12°59	17° 6	14°30	28°44	19° 7	20°15	3°17	n.a.	W25
T 26	23 33 51	21°45'05	17°23	6°34	17°19	24°19	12°46	13° 2	17° 5	14°32	28°43	18°59	20°12	3°24	n.a.	T 26
F 27	23 37 48	22°45'24	2♓18	8° 7	18°35	25° 4	12°59	13° 5	17° 4	14°34	28°43	18°50	20° 8	3°31	n.a.	F 27
S 28	23 41 44	23°45'44	17°31	9°42	19°50	25°49	13°12	13° 8	17° 3	14°36	28°42	18°41	20° 5	3°37	n.a.	S 28
S 29	23 45 41	24°46'06	2♈50	11°18	21° 6	26°34	13°25	13°11	17° 1	14°38	28°41	18°34	20° 2	3°44	n.a.	S 29
M30	23 49 37	25♍46'30	18♈ 4	12♍54	22♍21	27♎19	13♎38	13♐14	17♉ 0	14♎41	28♑41	18♉28	19♉59	3♎51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n47	6s 5	4s12	10n15	2s32	17n38	1n22	2s34	0s 9	2s 6	1n 3	22s17	0n22	17n 6	0s11	3s40	2n 0	34s21	14s 1	18n22	18n26	3n25		n.a.
M 2	12 26	0n43	3 21	10 56	2 14	17 16	1 23	2 52	0 10	2 11	1 3	22 17	0 22	17 6	0 11	3 41	2 0	34 21	14 1	18 20	18 26	3 21		n.a.
T 3	12 6	7 23	2 17	11 36	1 55	16 53	1 24	3 10	0 11	2 15	1 3	22 17	0 22	17 6	0 11	3 42	1 59	34 21	14 1	18 18	18 25	3 18		n.a.
W 4	11 44	13 30	1 6	12 16	1 36	16 29	1 24	3 28	0 11	2 20	1 3	22 18	0 22	17 6	0 11	3 43	1 59	34 21	14 1	18 18	18 24	3 15		n.a.
T 5	11 23	18 47	0n 7	12 54	1 15	16 5	1 25	3 46	0 12	2 25	1 3	22 18	0 22	17 6	0 11	3 43	1 59	34 21	14 1	18 18	18 23	3 12		n.a.
F 6	11 2	22 57	1 18	13 30	0 55	15 41	1 25	4 4	0 13	2 30	1 3	22 18	0 22	17 6	0 11	3 44	1 59	34 21	14 0	18 18	18 22	3 8		n.a.
S 7	10 40	25 46	2 23	14 2	0 35	15 16	1 25	4 22	0 14	2 35	1 2	22 18	0 22	17 6	0 11	3 45	1 59	34 21	14 0	18 18	18 21	3 5		n.a.
S 8	10 18	27 8	3 19	14 30	0 16	14 51	1 26	4 40	0 14	2 40	1 2	22 19	0 21	17 5	0 11	3 46	1 59	34 21	14 0	18 17	18 21	3 2		n.a.
M 9	9 56	27 2	4 4	14 53	0n 3	14 25	1 26	4 58	0 15	2 45	1 2	22 19	0 21	17 5	0 11	3 46	1 59	34 21	14 0	18 15	18 20	2 59		n.a.
T 10	9 34	25 33	4 37	15 12	0 20	13 59	1 26	5 16	0 16	2 50	1 2	22 19	0 21	17 5	0 11	3 47	1 59	34 22	14 0	18 13	18 19	2 56		n.a.
W11	9 11	22 50	4 56	15 26	0 37	13 33	1 26	5 34	0 16	2 55	1 2	22 19	0 21	17 5	0 11	3 48	1 59	34 22	14 0	18 10	18 18	2 52		n.a.
T 12	8 49	19 9	5 1	15 36	0 51	13 6	1 26	5 52	0 17	3 0	1 2	22 20	0 21	17 5	0 11	3 49	1 59	34 22	13 59	18 6	18 17	2 49		n.a.
F 13	8 26	14 43	4 52	15 40	1 5	12 38	1 26	6 10	0 18	3 5	1 1	22 20	0 21	17 5	0 11	3 49	1 59	34 22	13 59	18 3	18 16	2 46		n.a.
S 14	8 3	9 46	4 31	15 40	1 17	12 11	1 26	6 28	0 19	3 10	1 1	22 20	0 21	17 5	0 11	3 50	1 59	34 22	13 59	17 59	18 15	2 43		n.a.
S 15	7 40	4 29	3 57	15 36	1 27	11 43	1 25	6 46	0 19	3 15	1 1	22 21	0 21	17 5	0 11	3 51	1 59	34 22	13 59	17 56	18 15	2 39		n.a.
M16	7 17	0s56	3 14	15 27	1 36	11 15	1 25	7 4	0 20	3 20	1 1	22 21	0 20	17 4	0 11	3 52	1 59	34 22	13 59	17 53	18 14	2 36		n.a.
T 17	6 54	6 19	2 22	15 15	1 44	10 46	1 25	7 22	0 21	3 26	1 1	22 21	0 20	17 4	0 11	3 53	1 59	34 22	13 58	17 51	18 13	2 33		n.a.
W18	6 30	11 30	1 24	14 58	1 50	10 17	1 24	7 39	0 21	3 31	1 1	22 22	0 20	17 4	0 11	3 53	1 59	34 22	13 58	17 50	18 12	2 30		n.a.
T 19	6 7	16 19	0 22	14 39	1 55	9 48	1 24	7 57	0 22	3 36	1 1	22 22	0 20	17 4	0 11	3 54	1 59	34 22	13 58	17 50	18 11	2 27		n.a.
F 20	5 43	20 34	0s43	14 16	1 59	9 19	1 23	8 15	0 23	3 41	1 1	22 23	0 20	17 4	0 11	3 55	1 59	34 22	13 58	17 50	18 10	2 23		n.a.
S 21	5 19	24 0	1 46	13 50	2 2	8 49	1 23	8 32	0 24	3 46	1 0	22 23	0 20	17 3	0 11	3 56	1 59	34 22	13 58	17 50	18 9	2 20		n.a.
S 22	4 55	26 23	2 47	13 22	2 4	8 19	1 22	8 50	0 24	3 51	1 0	22 23	0 20	17 3	0 11	3 57	1 59	34 22	13 57	17 50	18 9	2 17		n.a.
M23	4 32	27 24	3 40	12 51	2 5	7 49	1 21	9 8	0 25	3 57	1 0	22 24	0 20	17 3	0 11	3 58	1 59	34 21	13 57	17 50	18 8	2 14		n.a.
T 24	4 8	26 50	4 24	12 19	2 5	7 19	1 21	9 25	0 26	4 2	1 0	22 24	0 20	17 3	0 11	3 58	1 59	34 21	13 57	17 49	18 7	2 10		n.a.
W25	3 44	24 35	4 53	11 45	2 4	6 48	1 20	9 42	0 26	4 7	1 0	22 25	0 19	17 2	0 11	3 59	1 59	34 21	13 57	17 47	18 6	2 7		n.a.
T 26	3 19	20 43	5 5	11 9	2 3	6 18	1 19	10 0	0 27	4 12	1 0	22 25	0 19	17 2	0 11	4 0	1 59	34 21	13 56	17 45	18 5	2 4		n.a.
F 27	2 55	15 26	4 57	10 31	2 1	5 47	1 18	10 17	0 28	4 18	1 0	22 26	0 19	17 2	0 11	4 1	1 59	34 21	13 56	17 43	18 4	2 1		n.a.
S 28	2 31	9 6	4 28	9 53	1 58	5 16	1 17	10 34	0 28	4 23	1 0	22 26	0 19	17 1	0 11	4 2	1 59	34 21	13 56	17 40	18 3	1 57		n.a.
S 29	2 7	2 12	3 39	9 13	1 55	4 45	1 16	10 51	0 29	4 28	0 59	22 27	0 19	17 1	0 11	4 3	1 59	34 21	13 56	17 38	18 3	1 54		n.a.
M30	1n42	4n49	2s35	8n32	1n52	4n13	1n15	11s 9	0s30	4s33	0n59	22s27	0n19	17n 1	0s11	4s 4	1n59	34s21	13s55	17n37	18n 2	1n51		n.a.

Julian Day Number = 1297245.5, Delta T = 07h53m41s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'20, Lahiri = -19°59'19 Julian Calendar 1 Sept. 1162 BCE == Greg. Calendar 21 Aug. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

OCTOBER 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 34	26♍46'56	3♉ 3	14♍31	23♍37	28♎ 4	13♎51	13♐17	16°R59	14♎43	28°R40	18°R25	19♉56	3♎57	n.a.	T 1
W 2	23 57 30	27°47'24	17°40	16° 8	24°53	28°49	14° 4	13°20	16♉57	14°45	28♏40	18°D24	19°52	4° 4	n.a.	W 2
T 3	0 1 27	28°47'54	1♊51	17°45	26° 8	29°34	14°17	13°24	16°56	14°47	28°39	18♉25	19°49	4°11	n.a.	T 3
F 4	0 5 24	29°48'27	15°35	19°22	27°24	0♏19	14°31	13°27	16°54	14°49	28°39	18°26	19°46	4°17	n.a.	F 4
S 5	0 9 20	0♎49'01	28°54	21° 0	28°39	1° 4	14°44	13°31	16°53	14°52	28°38	18°R26	19°43	4°24	n.a.	S 5
S 6	0 13 17	1°49'37	11♋50	22°37	29°55	1°49	14°57	13°34	16°51	14°54	28°38	18°26	19°40	4°31	n.a.	S 6
M 7	0 17 13	2°50'15	24°27	24°14	1♎10	2°34	15°11	13°38	16°50	14°56	28°37	18°23	19°37	4°37	n.a.	M 7
T 8	0 21 10	3°50'55	6♌49	25°51	2°26	3°20	15°24	13°42	16°48	14°58	28°37	18°19	19°33	4°44	n.a.	T 8
W 9	0 25 6	4°51'37	19° 0	27°28	3°42	4° 5	15°37	13°46	16°46	15° 0	28°37	18°13	19°30	4°51	n.a.	W 9
T 10	0 29 3	5°52'20	1♍ 2	29° 5	4°57	4°51	15°51	13°50	16°45	15° 3	28°36	18° 5	19°27	4°58	n.a.	T 10
F 11	0 32 59	6°53'06	12°58	0♎42	6°13	5°36	16° 4	13°54	16°43	15° 5	28°36	17°56	19°24	5° 4	n.a.	F 11
S 12	0 36 56	7°53'52	24°50	2°18	7°28	6°22	16°17	13°58	16°41	15° 7	28°36	17°48	19°21	5°11	n.a.	S 12
S 13	0 40 53	8°54'41	6♎40	3°54	8°44	7° 7	16°31	14° 2	16°39	15° 9	28°35	17°41	19°18	5°18	n.a.	S 13
M14	0 44 49	9°55'30	18°30	5°30	10° 0	7°53	16°44	14° 6	16°37	15°12	28°35	17°36	19°14	5°24	n.a.	M14
T 15	0 48 46	10°56'22	0♏20	7° 6	11°15	8°39	16°58	14°11	16°35	15°14	28°35	17°32	19°11	5°31	n.a.	T 15
W16	0 52 42	11°57'14	12°14	8°42	12°31	9°25	17°11	14°15	16°33	15°16	28°35	17°D31	19° 8	5°38	n.a.	W16
T 17	0 56 39	12°58'08	24°15	10°17	13°47	10°10	17°25	14°20	16°31	15°18	28°34	17°31	19° 5	5°44	n.a.	T 17
F 18	1 0 35	13°59'03	6♐24	11°52	15° 2	10°56	17°38	14°24	16°29	15°21	28°34	17°32	19° 2	5°51	n.a.	F 18
S 19	1 4 32	15° 0'00	18°46	13°27	16°18	11°42	17°52	14°29	16°27	15°23	28°34	17°34	18°58	5°58	n.a.	S 19
S 20	1 8 28	16° 0'57	1♑24	15° 2	17°33	12°28	18° 5	14°34	16°25	15°25	28°34	17°35	18°55	6° 4	n.a.	S 20
M21	1 12 25	17° 1'55	14°23	16°37	18°49	13°14	18°19	14°39	16°23	15°27	28°34	17°R36	18°52	6°11	n.a.	M21
T 22	1 16 22	18° 2'54	27°46	18°12	20° 4	14° 0	18°32	14°44	16°21	15°30	28°34	17°36	18°49	6°18	n.a.	T 22
W23	1 20 18	19° 3'54	11♒35	19°46	21°20	14°46	18°46	14°48	16°19	15°32	28°34	17°34	18°46	6°24	n.a.	W23
T 24	1 24 15	20° 4'55	25°52	21°21	22°36	15°33	18°59	14°54	16°16	15°34	28°D34	17°31	18°43	6°31	n.a.	T 24
F 25	1 28 11	21° 5'57	10♓33	22°55	23°51	16°19	19°13	14°59	16°14	15°36	28°34	17°27	18°39	6°38	n.a.	F 25
S 26	1 32 8	22° 6'59	25°34	24°29	25° 7	17° 5	19°26	15° 4	16°12	15°39	28°34	17°24	18°36	6°44	n.a.	S 26
S 27	1 36 4	23° 8'02	10♈46	26° 3	26°22	17°51	19°40	15° 9	16°10	15°41	28°34	17°20	18°33	6°51	n.a.	S 27
M28	1 40 1	24° 9'07	25°59	27°37	27°38	18°38	19°53	15°14	16° 7	15°43	28°34	17°18	18°30	6°58	n.a.	M28
T 29	1 43 57	25°10'12	11♉ 4	29°12	28°53	19°24	20° 7	15°20	16° 5	15°45	28°34	17°D17	18°27	7° 4	n.a.	T 29
W30	1 47 54	26°11'18	25°52	0♏46	0♏ 9	20°10	20°20	15°25	16° 3	15°48	28°34	17°17	18°23	7°11	n.a.	W30
T 31	1 51 51	27♎12'26	10♊15	2♏20	1♏24	20♏57	20♎34	15♐31	16♉ 0	15♎50	28♏34	17♉18	18♉20	7♎18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n18	11n27	1s22	7n51	1n48	3n42	1n13	11s26	0s30	4s39	0n59	22s28	0n19	17n 0	0s11	4s 4	1n58	34s21	13s55	17n36	18n 1	1n48			n.a.
W 2	0 54	17 19	0 4	7 9	1 43	3 10	1 12	11 42	0 31	4 44	0 59	22 28	0 19	17 0	0 11	4 5	1 58	34 21	13 55	17 35	18 0	1 44			n.a.
T 3	0 29	22 3	1n12	6 26	1 39	2 39	1 11	11 59	0 31	4 49	0 59	22 29	0 18	16 59	0 11	4 6	1 58	34 21	13 55	17 35	17 59	1 41			n.a.
F 4	0 5	25 23	2 21	5 43	1 34	2 7	1 10	12 16	0 32	4 55	0 59	22 29	0 18	16 59	0 11	4 7	1 58	34 20	13 54	17 36	17 58	1 38			n.a.
S 5	0s20	27 11	3 21	4 59	1 29	1 35	1 8	12 33	0 33	5 0	0 59	22 30	0 18	16 58	0 11	4 8	1 58	34 20	13 54	17 36	17 57	1 35			n.a.
S 6	0 44	27 25	4 8	4 15	1 23	1 3	1 7	12 49	0 33	5 5	0 59	22 30	0 18	16 58	0 11	4 9	1 58	34 20	13 54	17 36	17 56	1 31			n.a.
M 7	1 9	26 12	4 42	3 31	1 18	0 31	1 5	13 6	0 34	5 10	0 59	22 31	0 18	16 58	0 11	4 10	1 58	34 20	13 54	17 35	17 56	1 28			n.a.
T 8	1 33	23 44	5 2	2 46	1 12	0s 1	1 4	13 22	0 35	5 16	0 59	22 31	0 18	16 57	0 11	4 11	1 58	34 20	13 53	17 34	17 55	1 25			n.a.
W 9	1 58	20 15	5 8	2 2	1 6	0 33	1 2	13 38	0 35	5 21	0 58	22 32	0 18	16 57	0 11	4 11	1 58	34 20	13 53	17 32	17 54	1 21			n.a.
T 10	2 22	15 57	5 1	1 17	1 0	1 5	1 0	13 55	0 36	5 26	0 58	22 33	0 18	16 56	0 11	4 12	1 58	34 19	13 53	17 30	17 53	1 18			n.a.
F 11	2 47	11 5	4 40	0 32	0 54	1 37	0 59	14 11	0 36	5 32	0 58	22 33	0 18	16 56	0 11	4 13	1 58	34 19	13 53	17 28	17 52	1 15			n.a.
S 12	3 11	5 51	4 7	0s12	0 47	2 9	0 57	14 27	0 37	5 37	0 58	22 34	0 18	16 55	0 11	4 14	1 58	34 19	13 52	17 25	17 51	1 12			n.a.
S 13	3 35	0 25	3 24	0 57	0 41	2 41	0 55	14 42	0 38	5 42	0 58	22 34	0 17	16 54	0 11	4 15	1 58	34 19	13 52	17 23	17 50	1 8			n.a.
M14	4 0	5s 2	2 31	1 42	0 35	3 12	0 53	14 58	0 38	5 48	0 58	22 35	0 17	16 54	0 11	4 16	1 58	34 19	13 52	17 22	17 49	1 5			n.a.
T 15	4 24	10 20	1 32	2 26	0 28	3 44	0 51	15 14	0 39	5 53	0 58	22 36	0 17	16 53	0 11	4 17	1 58	34 18	13 51	17 21	17 49	1 2			n.a.
W16	4 48	15 18	0 29	3 10	0 22	4 16	0 49	15 29	0 39	5 58	0 58	22 36	0 17	16 53	0 11	4 18	1 58	34 18	13 51	17 20	17 48	0 59			n.a.
T 17	5 12	19 44	0s37	3 54	0 15	4 48	0 48	15 44	0 40	6 4	0 58	22 37	0 17	16 52	0 11	4 19	1 58	34 18	13 51	17 20	17 47	0 55			n.a.
F 18	5 36	23 24	1 42	4 38	0 9	5 19	0 46	16 0	0 40	6 9	0 58	22 38	0 17	16 52	0 11	4 19	1 58	34 18	13 51	17 21	17 46	0 52			n.a.
S 19	6 0	26 3	2 43	5 22	0 2	5 51	0 44	16 15	0 41	6 14	0 58	22 38	0 17	16 51	0 11	4 20	1 58	34 17	13 50	17 21	17 45	0 49			n.a.
S 20	6 24	27 27	3 38	6 5	0s 5	6 22	0 41	16 30	0 42	6 19	0 58	22 39	0 17	16 50	0 11	4 21	1 58	34 17	13 50	17 22	17 44	0 46			n.a.
M21	6 48	27 24	4 23	6 48	0 11	6 53	0 39	16 44	0 42	6 25	0 57	22 40	0 17	16 50	0 11	4 22	1 58	34 17	13 50	17 22	17 43	0 42			n.a.
T 22	7 12	25 46	4 55	7 31	0 17	7 24	0 37	16 59	0 43	6 30	0 57	22 40	0 16	16 49	0 11	4 23	1 58	34 17	13 49	17 22	17 42	0 39			n.a.
W23	7 35	22 35	5 12	8 13	0 24	7 55	0 35	17 13	0 43	6 35	0 57	22 41	0 16	16 49	0 11	4 24	1 58	34 16	13 49	17 21	17 41	0 36			n.a.
T 24	7 59	17 58	5 10	8 55	0 30	8 25	0 33	17 28	0 44	6 41	0 57	22 42	0 16	16 48	0 11	4 25	1 58	34 16	13 49	17 20	17 41	0 32			n.a.
F 25	8 22	12 10	4 49	9 37	0 36	8 56	0 31	17 42	0 44	6 46	0 57	22 42	0 16	16 47	0 11	4 26	1 58	34 16	13 48	17 19	17 40	0 29			n.a.
S 26	8 45	5 34	4 7	10 18	0 43	9 26	0 29	17 56	0 45	6 51	0 57	22 43	0 16	16 47	0 11	4 27	1 58	34 15	13 48	17 18	17 39	0 26			n.a.
S 27	9 8	1n27	3 8	10 59	0 49	9 56	0 26	18 10	0 45	6 56	0 57	22 44	0 16	16 46	0 11	4 27	1 58	34 15	13 48	17 17	17 38	0 23			n.a.
M28	9 31	8 25	1 55	11 39	0 55	10 26	0 24	18 23	0 46	7 1	0 57	22 44	0 16	16 45	0 11	4 28	1 58	34 15	13 48	17 17	17 37	0 19			n.a.
T 29	9 54	14 51	0 34	12 19	1 1	10 55	0 22	18 37	0 46	7 7	0 57	22 45	0 16	16 45	0 11	4 29	1 58	34 14	13 47	17 16	17 36	0 16			n.a.
W30	10 16	20 18	0n47	12 58	1 6	11 24	0 20	18 50	0 47	7 12	0 57	22 46	0 16	16 44	0 11	4 30	1 58	34 14	13 47	17 16	17 35	0 13			n.a.
T 31	10s39	24n23	2n 3	13s36	1s12	11s53	0n17	19s 3	0s47	7s17	0n57	22s46	0n16	16n43	0s11	4s31	1n58	34s14	13s47	17n17	17n34	0n 9			n.a.

Julian Day Number = 1297275.5, Delta T = 07h53m39s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'16, Lahiri = -19°59'15 Julian Calendar 1 Oct. 1162 BCE == Greg. Calendar 20 Sept. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

NOVEMBER 1162 BCE (-1161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 55 47	28♎13'34	24♊12	3♏54	2♏40	21♏43	20♎47	15♐36	15°R58	15♎52	28♑35	17♉19	18♉17	7♎24	n.a.	F 1
S 2	1 59 44	29°14'44	7♋41	5°28	3°56	22°30	21° 1	15°42	15♉55	15°54	28°35	17°21	18°14	7°31	n.a.	S 2
S 3	2 3 40	0♏15'55	20°45	7° 3	5°11	23°16	21°14	15°47	15°53	15°57	28°35	17°22	18°11	7°38	n.a.	S 3
M 4	2 7 37	1°17'06	3♌26	8°37	6°27	24° 3	21°28	15°53	15°50	15°59	28°35	17°R22	18° 8	7°45	n.a.	M 4
T 5	2 11 33	2°18'19	15°48	10°11	7°42	24°49	21°41	15°59	15°48	16° 1	28°36	17°21	18° 4	7°51	n.a.	T 5
W 6	2 15 30	3°19'32	27°55	11°46	8°58	25°36	21°55	16° 5	15°45	16° 3	28°36	17°20	18° 1	7°58	n.a.	W 6
T 7	2 19 27	4°20'47	9♍53	13°20	10°13	26°23	22° 8	16°11	15°43	16° 5	28°36	17°19	17°58	8° 5	n.a.	T 7
F 8	2 23 23	5°22'02	21°45	14°55	11°29	27°10	22°21	16°17	15°40	16° 7	28°37	17°17	17°55	8°11	n.a.	F 8
S 9	2 27 20	6°23'18	3♎34	16°29	12°44	27°56	22°35	16°23	15°38	16°10	28°37	17°15	17°52	8°18	n.a.	S 9
S 10	2 31 16	7°24'34	15°23	18° 4	14° 0	28°43	22°48	16°29	15°35	16°12	28°37	17°13	17°49	8°25	n.a.	S 10
M11	2 35 13	8°25'51	27°15	19°38	15°15	29°30	23° 2	16°35	15°33	16°14	28°38	17°12	17°45	8°31	n.a.	M11
T 12	2 39 9	9°27'09	9♏12	21°13	16°30	0♐17	23°15	16°41	15°30	16°16	28°38	17°12	17°42	8°38	n.a.	T 12
W13	2 43 6	10°28'27	21°16	22°47	17°46	1° 4	23°28	16°47	15°28	16°18	28°39	17°D12	17°39	8°45	n.a.	W13
T 14	2 47 2	11°29'45	3♐28	24°21	19° 1	1°51	23°41	16°53	15°25	16°20	28°39	17°12	17°36	8°51	n.a.	T 14
F 15	2 50 59	12°31'04	15°51	25°55	20°17	2°38	23°55	17° 0	15°23	16°22	28°40	17°12	17°33	8°58	n.a.	F 15
S 16	2 54 56	13°32'23	28°26	27°29	21°32	3°25	24° 8	17° 6	15°20	16°24	28°40	17°13	17°29	9° 5	n.a.	S 16
S 17	2 58 52	14°33'41	11♑14	29° 2	22°48	4°12	24°21	17°12	15°17	16°26	28°41	17°13	17°26	9°11	n.a.	S 17
M18	3 2 49	15°35'00	24°19	0♐35	24° 3	4°59	24°34	17°19	15°15	16°28	28°42	17°13	17°23	9°18	n.a.	M18
T 19	3 6 45	16°36'18	7♒41	2° 7	25°18	5°46	24°47	17°25	15°12	16°31	28°42	17°13	17°20	9°25	n.a.	T 19
W20	3 10 42	17°37'37	21°23	3°38	26°34	6°33	25° 0	17°32	15°10	16°33	28°43	17°13	17°17	9°31	n.a.	W20
T 21	3 14 38	18°38'55	5♓24	5° 9	27°49	7°20	25°13	17°38	15° 7	16°35	28°44	17°13	17°14	9°38	n.a.	T 21
F 22	3 18 35	19°40'12	19°44	6°38	29° 5	8° 7	25°26	17°45	15° 4	16°37	28°44	17°14	17°10	9°45	n.a.	F 22
S 23	3 22 32	20°41'30	4♈21	8° 5	0♐20	8°54	25°39	17°52	15° 2	16°38	28°45	17°14	17° 7	9°51	n.a.	S 23
S 24	3 26 28	21°42'47	19°10	9°31	1°35	9°41	25°52	17°58	14°59	16°40	28°46	17°14	17° 4	9°58	n.a.	S 24
M25	3 30 25	22°44'03	4♉ 3	10°55	2°51	10°28	26° 5	18° 5	14°57	16°42	28°47	17°15	17° 1	10° 5	n.a.	M25
T 26	3 34 21	23°45'20	18°55	12°16	4° 6	11°15	26°18	18°12	14°54	16°44	28°47	17°R15	16°58	10°11	n.a.	T 26
W27	3 38 18	24°46'36	3♊36	13°34	5°21	12° 3	26°30	18°18	14°52	16°46	28°48	17°15	16°55	10°18	n.a.	W27
T 28	3 42 14	25°47'52	18° 1	14°48	6°36	12°50	26°43	18°25	14°49	16°48	28°49	17°14	16°51	10°25	n.a.	T 28
F 29	3 46 11	26°49'09	2♋ 3	15°58	7°52	13°37	26°56	18°32	14°47	16°50	28°50	17°13	16°48	10°31	n.a.	F 29
S 30	3 50 7	27♏50'25	15♋40	17♐ 3	9♐ 7	14♐24	27♎ 8	18♐39	14♉44	16♎52	28♑51	17♉11	16♉45	10♎38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 1	26n52	3n10	14s14	1s17	12s22	0n15	19s16	0s48	7s22	0n57	22s47	0n16	16n43	0s11	4s32	1n58	34s13	13s46	17n17	17n33	0n 6		n.a.
S 2	11 23	27 40	4 4	14 51	1 23	12 50	0 13	19 29	0 48	7 27	0 57	22 48	0 15	16 42	0 11	4 33	1 58	34 13	13 46	17 17	17 32	0 3		n.a.
S 3	11 45	26 52	4 43	15 28	1 28	13 18	0 10	19 41	0 49	7 33	0 57	22 49	0 15	16 41	0 11	4 33	1 58	34 13	13 46	17 18	17 32	0s 0		n.a.
M 4	12 7	24 41	5 7	16 4	1 33	13 46	0 8	19 53	0 49	7 38	0 57	22 49	0 15	16 40	0 11	4 34	1 58	34 12	13 45	17 18	17 31	0 4		n.a.
T 5	12 28	21 23	5 16	16 39	1 37	14 13	0 5	20 5	0 50	7 43	0 57	22 50	0 15	16 40	0 11	4 35	1 58	34 12	13 45	17 18	17 30	0 7		n.a.
W 6	12 50	17 14	5 11	17 13	1 42	14 40	0 3	20 17	0 50	7 48	0 57	22 51	0 15	16 39	0 11	4 36	1 58	34 12	13 45	17 17	17 29	0 10		n.a.
T 7	13 11	12 29	4 52	17 47	1 46	15 7	0 1	20 29	0 51	7 53	0 57	22 51	0 15	16 38	0 11	4 37	1 58	34 11	13 45	17 17	17 28	0 14		n.a.
F 8	13 32	7 19	4 21	18 20	1 50	15 33	0s 2	20 41	0 51	7 58	0 57	22 52	0 15	16 37	0 11	4 38	1 58	34 11	13 44	17 16	17 27	0 17		n.a.
S 9	13 52	1 54	3 39	18 51	1 54	15 59	0 4	20 52	0 52	8 3	0 56	22 53	0 15	16 37	0 11	4 38	1 58	34 11	13 44	17 16	17 26	0 20		n.a.
S 10	14 13	3s35	2 47	19 22	1 57	16 24	0 6	21 3	0 52	8 8	0 56	22 54	0 15	16 36	0 11	4 39	1 59	34 10	13 44	17 15	17 25	0 23		n.a.
M11	14 33	8 59	1 48	19 52	2 0	16 49	0 9	21 14	0 52	8 13	0 56	22 54	0 15	16 35	0 11	4 40	1 59	34 10	13 43	17 15	17 24	0 27		n.a.
T 12	14 53	14 6	0 44	20 20	2 3	17 14	0 11	21 24	0 53	8 18	0 56	22 55	0 14	16 35	0 11	4 41	1 59	34 9	13 43	17 15	17 23	0 30		n.a.
W13	15 12	18 44	0s23	20 48	2 6	17 38	0 14	21 35	0 53	8 23	0 56	22 56	0 14	16 34	0 11	4 42	1 59	34 9	13 43	17 15	17 23	0 33		n.a.
T 14	15 32	22 39	1 29	21 14	2 8	18 1	0 16	21 45	0 54	8 28	0 56	22 56	0 14	16 33	0 11	4 42	1 59	34 9	13 42	17 15	17 22	0 37		n.a.
F 15	15 51	25 36	2 33	21 39	2 9	18 24	0 18	21 55	0 54	8 33	0 56	22 57	0 14	16 32	0 11	4 43	1 59	34 8	13 42	17 15	17 21	0 40		n.a.
S 16	16 10	27 19	3 30	22 2	2 10	18 47	0 21	22 5	0 55	8 38	0 56	22 58	0 14	16 31	0 11	4 44	1 59	34 8	13 42	17 15	17 20	0 43		n.a.
S 17	16 28	27 37	4 17	22 24	2 11	19 9	0 23	22 14	0 55	8 43	0 56	22 58	0 14	16 31	0 11	4 45	1 59	34 7	13 42	17 15	17 19	0 46		n.a.
M18	16 47	26 24	4 53	22 45	2 11	19 30	0 25	22 23	0 55	8 48	0 56	22 59	0 14	16 30	0 11	4 45	1 59	34 7	13 41	17 15	17 18	0 50		n.a.
T 19	17 5	23 41	5 13	23 4	2 11	19 51	0 28	22 32	0 56	8 53	0 56	23 0	0 14	16 29	0 11	4 46	1 59	34 7	13 41	17 15	17 17	0 53		n.a.
W20	17 22	19 36	5 17	23 21	2 10	20 12	0 30	22 41	0 56	8 58	0 56	23 1	0 14	16 28	0 11	4 47	1 59	34 6	13 41	17 15	17 16	0 56		n.a.
T 21	17 40	14 21	5 2	23 37	2 9	20 31	0 32	22 49	0 56	9 3	0 56	23 1	0 14	16 28	0 11	4 48	1 59	34 6	13 40	17 15	17 15	1 0		n.a.
F 22	17 57	8 13	4 28	23 51	2 6	20 51	0 35	22 57	0 57	9 7	0 56	23 2	0 14	16 27	0 11	4 48	1 59	34 5	13 40	17 15	17 14	1 3		n.a.
S 23	18 13	1 33	3 36	24 3	2 3	21 9	0 37	23 5	0 57	9 12	0 56	23 3	0 14	16 26	0 11	4 49	1 59	34 5	13 40	17 15	17 13	1 6		n.a.
S 24	18 30	5n19	2 30	24 13	2 0	21 27	0 39	23 13	0 58	9 17	0 56	23 3	0 13	16 25	0 11	4 50	1 59	34 4	13 40	17 16	17 13	1 10		n.a.
M25	18 46	11 57	1 13	24 21	1 55	21 45	0 41	23 20	0 58	9 22	0 56	23 4	0 13	16 25	0 11	4 51	1 59	34 4	13 39	17 16	17 12	1 13		n.a.
T 26	19 1	17 53	0n 9	24 27	1 50	22 1	0 43	23 28	0 58	9 26	0 56	23 5	0 13	16 24	0 11	4 51	1 59	34 4	13 39	17 16	17 11	1 16		n.a.
W27	19 17	22 41	1 30	24 31	1 43	22 18	0 45	23 34	0 59	9 31	0 56	23 5	0 13	16 23	0 11	4 52	1 59	34 3	13 39	17 16	17 10	1 19		n.a.
T 28	19 31	25 59	2 43	24 33	1 36	22 33	0 48	23 41	0 59	9 36	0 56	23 6	0 13	16 22	0 11	4 53	1 59	34 3	13 39	17 15	17 9	1 23		n.a.
F 29	19 46	27 33	3 44	24 32	1 28	22 48	0 50	23 47	0 59	9 40	0 56	23 7	0 13	16 22	0 11	4 53	1 59	34 2	13 38	17 15	17 8	1 26		n.a.
S 30	20s 0	27n22	4n30	24s29	1s18	23s 2	0s52	23s53	1s 0	9s45	0n56	23s 8	0n13	16n21	0s11	4s54	1n59	34s 2	13s38	17n15	17n 7	1s29		n.a.

Julian Day Number = 1297306.5, Delta T = 07h53m38s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'12, Lahiri = -19°59'11 Julian Calendar 1 Nov. 1162 BCE == Greg. Calendar 21 Oct. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1162 BCE
geocentric

DECEMBER 1162 BCE (-1161) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 4	28♏51'40	28♋52	18♐ 3	10♐22	15♐12	27♎21	18♐46	14°R42	16♎53	28♑52	17°R10	16♉42	10♎45	n.a.	S 1
M 2	3 58 1	29°52'56	11♌40	18°55	11°37	15°59	27°33	18°53	14♉39	16°55	28°53	17♉ 9	16°39	10°51	n.a.	M 2
T 3	4 1 57	0♐54'11	24° 6	19°41	12°53	16°46	27°46	18°59	14°37	16°57	28°54	17° 8	16°35	10°58	n.a.	T 3
W 4	4 5 54	1°55'27	6♍16	20°18	14° 8	17°33	27°58	19° 6	14°34	16°59	28°54	17°D 8	16°32	11° 5	n.a.	W 4
T 5	4 9 50	2°56'42	18°14	20°46	15°23	18°21	28°10	19°13	14°32	17° 0	28°55	17° 9	16°29	11°11	n.a.	T 5
F 6	4 13 47	3°57'56	0♎ 5	21° 5	16°38	19° 8	28°23	19°20	14°29	17° 2	28°56	17°10	16°26	11°18	n.a.	F 6
S 7	4 17 43	4°59'10	11°53	21°R12	17°53	19°55	28°35	19°27	14°27	17° 4	28°58	17°11	16°23	11°25	n.a.	S 7
S 8	4 21 40	6° 0'24	23°44	21° 8	19° 9	20°43	28°47	19°34	14°25	17° 6	28°59	17°13	16°20	11°31	n.a.	S 8
M 9	4 25 37	7° 1'38	5♏39	20°52	20°24	21°30	28°59	19°41	14°22	17° 7	29° 0	17°14	16°16	11°38	n.a.	M 9
T 10	4 29 33	8° 2'50	17°44	20°25	21°39	22°18	29°11	19°48	14°20	17° 9	29° 1	17°R15	16°13	11°45	n.a.	T 10
W11	4 33 30	9° 4'03	29°59	19°46	22°54	23° 5	29°23	19°56	14°18	17°10	29° 2	17°14	16°10	11°52	n.a.	W11
T 12	4 37 26	10° 5'14	12♐28	18°57	24° 9	23°52	29°35	20° 3	14°16	17°12	29° 3	17°12	16° 7	11°58	n.a.	T 12
F 13	4 41 23	11° 6'25	25°11	17°58	25°24	24°40	29°47	20°10	14°13	17°13	29° 4	17° 9	16° 4	12° 5	n.a.	F 13
S 14	4 45 19	12° 7'35	8♑ 7	16°52	26°39	25°27	29°58	20°17	14°11	17°15	29° 5	17° 5	16° 1	12°12	n.a.	S 14
S 15	4 49 16	13° 8'43	21°17	15°39	27°54	26°14	0♏10	20°24	14° 9	17°16	29° 6	17° 1	15°57	12°18	n.a.	S 15
M16	4 53 12	14° 9'51	4♒39	14°24	29° 9	27° 2	0°22	20°31	14° 7	17°18	29° 8	16°57	15°54	12°25	n.a.	M16
T 17	4 57 9	15°10'57	18°14	13° 7	0♑24	27°49	0°33	20°38	14° 5	17°19	29° 9	16°53	15°51	12°32	n.a.	T 17
W18	5 1 6	16°12'02	2♓ 0	11°52	1°39	28°37	0°45	20°45	14° 3	17°21	29°10	16°51	15°48	12°38	n.a.	W18
T 19	5 5 2	17°13'06	15°57	10°39	2°54	29°24	0°56	20°53	14° 0	17°22	29°11	16°D50	15°45	12°45	n.a.	T 19
F 20	5 8 59	18°14'08	0♈ 4	9°32	4° 9	0♑11	1° 7	21° 0	13°58	17°23	29°13	16°51	15°41	12°52	n.a.	F 20
S 21	5 12 55	19°15'09	14°19	8°31	5°24	0°59	1°18	21° 7	13°56	17°25	29°14	16°52	15°38	12°58	n.a.	S 21
S 22	5 16 52	20°16'08	28°41	7°38	6°39	1°46	1°30	21°14	13°55	17°26	29°15	16°54	15°35	13° 5	n.a.	S 22
M23	5 20 48	21°17'06	13♉ 6	6°53	7°54	2°34	1°41	21°21	13°53	17°27	29°17	16°R55	15°32	13°12	n.a.	M23
T 24	5 24 45	22°18'03	27°31	6°17	9° 9	3°21	1°51	21°28	13°51	17°28	29°18	16°54	15°29	13°18	n.a.	T 24
W25	5 28 42	23°18'58	11♊50	5°50	10°24	4° 8	2° 2	21°36	13°49	17°30	29°19	16°52	15°26	13°25	n.a.	W25
T 26	5 32 38	24°19'52	25°58	5°31	11°39	4°56	2°13	21°43	13°47	17°31	29°21	16°48	15°22	13°32	n.a.	T 26
F 27	5 36 35	25°20'45	9♋51	5°20	12°53	5°43	2°24	21°50	13°45	17°32	29°22	16°42	15°19	13°38	n.a.	F 27
S 28	5 40 31	26°21'36	23°24	5°D18	14° 8	6°30	2°34	21°57	13°44	17°33	29°23	16°35	15°16	13°45	n.a.	S 28
S 29	5 44 28	27°22'26	6♌36	5°23	15°23	7°18	2°45	22° 4	13°42	17°34	29°25	16°28	15°13	13°52	n.a.	S 29
M30	5 48 24	28°23'15	19°27	5°35	16°38	8° 5	2°55	22°11	13°40	17°35	29°26	16°22	15°10	13°58	n.a.	M30
T 31	5 52 21	29♐24'02	1♍57	5♐53	17♑52	8♑52	3♏ 5	22♐18	13♉39	17♎36	29♑28	16♉16	15♉ 7	14♎ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s14	25n38	5n 1	24s25	1s 8	23s15	0s54	23s59	1s 0	9s50	0n56	23s 8	0n13	16n20	0s11	4s55	1n59	34s 1	13s38	17n14	17n 6	1s33		n.a.
M 2	20 28	22 36	5 15	24 17	0 56	23 28	0 56	24 5	1 0	9 54	0 56	23 9	0 13	16 20	0 11	4 55	1 59	34 1	13 38	17 14	17 5	1 36		n.a.
T 3	20 41	18 38	5 14	24 8	0 43	23 40	0 58	24 10	1 0	9 59	0 56	23 10	0 13	16 19	0 11	4 56	1 59	34 0	13 37	17 14	17 4	1 39		n.a.
W 4	20 53	13 59	4 59	23 57	0 29	23 51	0 59	24 15	1 1	10 3	0 56	23 10	0 13	16 18	0 11	4 57	1 59	34 0	13 37	17 14	17 3	1 43		n.a.
T 5	21 6	8 52	4 31	23 44	0 13	24 2	1 1	24 20	1 1	10 8	0 56	23 11	0 13	16 17	0 11	4 57	1 59	33 59	13 37	17 14	17 2	1 46		n.a.
F 6	21 17	3 30	3 52	23 28	0n 3	24 12	1 3	24 24	1 1	10 12	0 56	23 12	0 12	16 17	0 11	4 58	1 59	33 59	13 37	17 14	17 2	1 49		n.a.
S 7	21 29	1s58	3 3	23 12	0 21	24 21	1 5	24 28	1 2	10 16	0 56	23 12	0 12	16 16	0 11	4 59	1 59	33 59	13 36	17 15	17 1	1 53		n.a.
S 8	21 40	7 24	2 6	22 53	0 39	24 29	1 7	24 32	1 2	10 21	0 56	23 13	0 12	16 15	0 11	4 59	2 0	33 58	13 36	17 15	17 0	1 56		n.a.
M 9	21 51	12 38	1 4	22 33	0 58	24 37	1 8	24 35	1 2	10 25	0 56	23 13	0 12	16 15	0 11	5 0	2 0	33 58	13 36	17 15	16 59	1 59		n.a.
T 10	22 1	17 27	0s 3	22 12	1 17	24 44	1 10	24 39	1 2	10 29	0 56	23 14	0 12	16 14	0 11	5 0	2 0	33 57	13 36	17 16	16 58	2 2		n.a.
W11	22 10	21 37	1 10	21 49	1 37	24 50	1 12	24 41	1 2	10 34	0 56	23 15	0 12	16 13	0 11	5 1	2 0	33 57	13 35	17 15	16 57	2 6		n.a.
T 12	22 20	24 53	2 15	21 26	1 56	24 55	1 13	24 44	1 3	10 38	0 56	23 15	0 12	16 13	0 11	5 1	2 0	33 56	13 35	17 15	16 56	2 9		n.a.
F 13	22 29	26 58	3 14	21 3	2 14	25 0	1 15	24 46	1 3	10 42	0 56	23 16	0 12	16 12	0 11	5 2	2 0	33 56	13 35	17 14	16 55	2 12		n.a.
S 14	22 37	27 39	4 4	20 40	2 31	25 3	1 16	24 48	1 3	10 46	0 56	23 17	0 12	16 11	0 11	5 2	2 0	33 55	13 35	17 13	16 54	2 16		n.a.
S 15	22 45	26 46	4 43	20 17	2 47	25 6	1 17	24 50	1 3	10 50	0 56	23 17	0 12	16 11	0 11	5 3	2 0	33 55	13 35	17 12	16 53	2 19		n.a.
M16	22 53	24 22	5 6	19 55	3 1	25 9	1 19	24 52	1 4	10 54	0 56	23 18	0 12	16 10	0 11	5 4	2 0	33 54	13 34	17 10	16 52	2 22		n.a.
T 17	23 0	20 34	5 13	19 34	3 12	25 10	1 20	24 53	1 4	10 59	0 56	23 18	0 12	16 9	0 11	5 4	2 0	33 54	13 34	17 9	16 51	2 26		n.a.
W18	23 6	15 38	5 2	19 16	3 21	25 11	1 21	24 54	1 4	11 3	0 56	23 19	0 11	16 9	0 11	5 4	2 0	33 53	13 34	17 9	16 50	2 29		n.a.
T 19	23 13	9 49	4 34	18 59	3 28	25 11	1 22	24 54	1 4	11 7	0 56	23 20	0 11	16 8	0 11	5 5	2 0	33 53	13 34	17 9	16 49	2 32		n.a.
F 20	23 18	3 28	3 49	18 45	3 32	25 10	1 24	24 54	1 4	11 10	0 56	23 20	0 11	16 8	0 11	5 5	2 0	33 52	13 34	17 9	16 48	2 36		n.a.
S 21	23 23	3n 9	2 49	18 34	3 34	25 8	1 25	24 54	1 4	11 14	0 57	23 21	0 11	16 7	0 11	5 6	2 0	33 52	13 34	17 9	16 48	2 39		n.a.
S 22	23 28	9 40	1 38	18 25	3 34	25 5	1 26	24 54	1 5	11 18	0 57	23 21	0 11	16 6	0 11	5 6	2 0	33 51	13 33	17 10	16 47	2 42		n.a.
M23	23 33	15 42	0 21	18 20	3 32	25 2	1 27	24 53	1 5	11 22	0 57	23 22	0 11	16 6	0 11	5 7	2 0	33 51	13 33	17 10	16 46	2 45		n.a.
T 24	23 36	20 52	0n58	18 17	3 29	24 58	1 27	24 52	1 5	11 26	0 57	23 22	0 11	16 5	0 11	5 7	2 0	33 51	13 33	17 10	16 45	2 49		n.a.
W25	23 40	24 45	2 12	18 18	3 23	24 53	1 28	24 51	1 5	11 30	0 57	23 23	0 11	16 5	0 11	5 8	2 0	33 50	13 33	17 9	16 44	2 52		n.a.
T 26	23 43	27 3	3 17	18 21	3 17	24 48	1 29	24 50	1 5	11 33	0 57	23 23	0 11	16 4	0 11	5 8	2 0	33 50	13 33	17 8	16 43	2 55		n.a.
F 27	23 45	27 35	4 8	18 26	3 10	24 41	1 30	24 48	1 5	11 37	0 57	23 24	0 11	16 4	0 11	5 8	2 1	33 49	13 33	17 6	16 42	2 59		n.a.
S 28	23 47	26 27	4 45	18 34	3 1	24 34	1 30	24 46	1 5	11 41	0 57	23 24	0 11	16 3	0 11	5 9	2 1	33 49	13 32	17 4	16 41	3 2		n.a.
S 29	23 48	23 50	5 5	18 43	2 52	24 26	1 31	24 43	1 5	11 44	0 57	23 25	0 11	16 3	0 11	5 9	2 1	33 48	13 32	17 2	16 40	3 5		n.a.
M30	23 49	20 7	5 9	18 55	2 43	24 17	1 31	24 40	1 6	11 48	0 57	23 25	0 11	16 2	0 11	5 9	2 1	33 48	13 32	17 0	16 39	3 9		n.a.
T 31	23s50	15n35	4n58	19s 8	2n33	24s 8	1s32	24s37	1s 6	11s51	0n57	23s26	0n10	16n 2	0s11	5s10	2n 1	33s47	13s32	16n59	16n38	3s12		n.a.

Julian Day Number = 1297336.5, Delta T = 07h53m36s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'08, Lahiri = -19°59'07 Julian Calendar 1 Dec. 1162 BCE == Greg. Calendar 20 Nov. 1162 BCE

The year -1161 astronomical counting style corresponds to year 1162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

JANUARY 1161 BCE (-1160) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 56 17	0♉24'49	14♍10	6♐17	19♉ 7	9♉39	3♏15	22♐26	13°R37	17♎37	29♉29	16°R13	15♋ 3	14♎12	n.a.	W 1
T 2	6 0 14	1°25'33	26° 9	6°47	20°22	10°27	3°25	22°33	13♋36	17°38	29°30	16♋11	15° 0	14°18	n.a.	T 2
F 3	6 4 11	2°26'17	8♎ 1	7°22	21°36	11°14	3°35	22°40	13°34	17°39	29°32	16°D11	14°57	14°25	n.a.	F 3
S 4	6 8 7	3°27'00	19°49	8° 1	22°51	12° 1	3°45	22°47	13°33	17°40	29°33	16°12	14°54	14°32	n.a.	S 4
S 5	6 12 4	4°27'41	1♏40	8°45	24° 6	12°49	3°55	22°54	13°31	17°41	29°35	16°14	14°51	14°38	n.a.	S 5
M 6	6 16 0	5°28'20	13°39	9°33	25°20	13°36	4° 5	23° 1	13°30	17°41	29°36	16°R15	14°47	14°45	n.a.	M 6
T 7	6 19 57	6°28'59	25°48	10°24	26°35	14°23	4°14	23° 8	13°29	17°42	29°38	16°14	14°44	14°52	n.a.	T 7
W 8	6 23 53	7°29'36	8♐14	11°19	27°49	15°10	4°24	23°15	13°28	17°43	29°39	16°12	14°41	14°58	n.a.	W 8
T 9	6 27 50	8°30'11	20°57	12°16	29° 4	15°57	4°33	23°22	13°26	17°44	29°41	16° 7	14°38	15° 5	n.a.	T 9
F 10	6 31 46	9°30'45	3♉59	13°16	0♒18	16°45	4°42	23°29	13°25	17°44	29°42	16° 0	14°35	15°12	n.a.	F 10
S 11	6 35 43	10°31'17	17°19	14°19	1°33	17°32	4°51	23°36	13°24	17°45	29°44	15°51	14°32	15°18	n.a.	S 11
S 12	6 39 40	11°31'47	0♒55	15°24	2°47	18°19	5° 0	23°43	13°23	17°46	29°45	15°41	14°28	15°25	n.a.	S 12
M13	6 43 36	12°32'15	14°44	16°32	4° 2	19° 6	5° 9	23°50	13°22	17°46	29°47	15°31	14°25	15°32	n.a.	M13
T 14	6 47 33	13°32'41	28°43	17°41	5°16	19°53	5°17	23°57	13°21	17°47	29°49	15°22	14°22	15°38	n.a.	T 14
W15	6 51 29	14°33'06	12♓47	18°53	6°30	20°40	5°26	24° 4	13°20	17°47	29°50	15°16	14°19	15°45	n.a.	W15
T 16	6 55 26	15°33'28	26°54	20° 6	7°45	21°27	5°34	24°11	13°19	17°48	29°52	15°12	14°16	15°52	n.a.	T 16
F 17	6 59 22	16°33'47	11♈ 2	21°21	8°59	22°14	5°43	24°18	13°19	17°48	29°53	15°D11	14°13	15°58	n.a.	F 17
S 18	7 3 19	17°34'05	25° 8	22°38	10°13	23° 1	5°51	24°24	13°18	17°49	29°55	15°11	14° 9	16° 5	n.a.	S 18
S 19	7 7 15	18°34'20	9♉13	23°56	11°27	23°48	5°59	24°31	13°17	17°49	29°56	15°R11	14° 6	16°12	n.a.	S 19
M20	7 11 12	19°34'33	23°14	25°15	12°41	24°35	6° 7	24°38	13°17	17°49	29°58	15°11	14° 3	16°18	n.a.	M20
T 21	7 15 9	20°34'44	7♊11	26°36	13°56	25°22	6°15	24°45	13°16	17°50	29°59	15° 9	14° 0	16°25	n.a.	T 21
W22	7 19 5	21°34'53	21° 2	27°59	15°10	26° 9	6°22	24°51	13°16	17°50	0♒ 1	15° 5	13°57	16°32	n.a.	W22
T 23	7 23 2	22°35'00	4♋45	29°23	16°24	26°56	6°30	24°58	13°15	17°50	0° 3	14°57	13°53	16°38	n.a.	T 23
F 24	7 26 58	23°35'05	18°16	0♉48	17°38	27°43	6°37	25° 5	13°15	17°50	0° 4	14°47	13°50	16°45	n.a.	F 24
S 25	7 30 55	24°35'07	1♌33	2°14	18°52	28°29	6°44	25°11	13°14	17°51	0° 6	14°35	13°47	16°52	n.a.	S 25
S 26	7 34 51	25°35'08	14°35	3°42	20° 5	29°16	6°51	25°18	13°14	17°51	0° 8	14°23	13°44	16°58	n.a.	S 26
M27	7 38 48	26°35'06	27°18	5°10	21°19	0♒ 3	6°58	25°24	13°14	17°51	0° 9	14°11	13°41	17° 5	n.a.	M27
T 28	7 42 44	27°35'03	9♍45	6°40	22°33	0°50	7° 5	25°31	13°13	17°51	0°11	14° 1	13°38	17°12	n.a.	T 28
W29	7 46 41	28°34'58	21°57	8°12	23°47	1°36	7°12	25°37	13°13	17°51	0°13	13°53	13°34	17°18	n.a.	W29
T 30	7 50 38	29°34'50	3♎57	9°44	25° 1	2°23	7°18	25°43	13°13	17°R51	0°14	13°47	13°31	17°25	n.a.	T 30
F 31	7 54 34	0♒34'41	15♎48	11♉18	26♒14	3♒10	7♏24	25♐50	13♋13	17♎51	0♒16	13♋45	13♋28	17♎32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s50	10n32	4n34	19 s22	2n23	23 s58	1 s32	24 s34	1 s 6	11 s55	0n57	23 s26	0n10	16n 1	0 s10	5 s10	2n 1	33 s47	13 s32	16n58	16n37	3 s15			n.a.
T 2	23 50	5 11	3 58	19 37	2 13	23 47	1 32	24 31	1 6	11 58	0 57	23 27	0 10	16 1	0 10	5 10	2 1	33 46	13 32	16 57	16 36	3 19			n.a.
F 3	23 49	0 s18	3 12	19 53	2 2	23 35	1 33	24 27	1 6	12 2	0 57	23 27	0 10	16 0	0 10	5 11	2 1	33 46	13 32	16 57	16 35	3 22			n.a.
S 4	23 47	5 45	2 18	20 10	1 52	23 23	1 33	24 23	1 6	12 5	0 57	23 28	0 10	16 0	0 10	5 11	2 1	33 45	13 31	16 58	16 34	3 25			n.a.
S 5	23 45	11 2	1 18	20 28	1 41	23 10	1 33	24 18	1 6	12 8	0 57	23 28	0 10	16 0	0 10	5 11	2 1	33 45	13 31	16 58	16 33	3 28			n.a.
M 6	23 43	15 58	0 14	20 45	1 31	22 57	1 33	24 13	1 6	12 11	0 57	23 29	0 10	15 59	0 10	5 11	2 1	33 45	13 31	16 58	16 32	3 32			n.a.
T 7	23 40	20 21	0 s51	21 3	1 20	22 42	1 33	24 8	1 6	12 15	0 57	23 29	0 10	15 59	0 10	5 12	2 1	33 44	13 31	16 58	16 31	3 35			n.a.
W 8	23 37	23 57	1 56	21 21	1 10	22 27	1 33	24 3	1 6	12 18	0 57	23 30	0 10	15 58	0 10	5 12	2 1	33 44	13 31	16 57	16 31	3 38			n.a.
T 9	23 33	26 26	2 55	21 39	1 0	22 12	1 33	23 57	1 6	12 21	0 57	23 30	0 10	15 58	0 10	5 12	2 1	33 43	13 31	16 56	16 30	3 42			n.a.
F 10	23 29	27 34	3 47	21 57	0 50	21 55	1 32	23 52	1 6	12 24	0 58	23 31	0 10	15 58	0 10	5 12	2 1	33 43	13 31	16 54	16 29	3 45			n.a.
S 11	23 25	27 8	4 28	22 14	0 40	21 38	1 32	23 46	1 6	12 27	0 58	23 31	0 10	15 57	0 10	5 13	2 2	33 42	13 31	16 51	16 28	3 48			n.a.
S 12	23 19	25 4	4 55	22 31	0 30	21 21	1 32	23 39	1 6	12 30	0 58	23 31	0 10	15 57	0 10	5 13	2 2	33 42	13 31	16 48	16 27	3 52			n.a.
M13	23 14	21 32	5 5	22 48	0 21	21 2	1 31	23 32	1 6	12 33	0 58	23 32	0 10	15 57	0 10	5 13	2 2	33 42	13 31	16 45	16 26	3 55			n.a.
T 14	23 8	16 44	4 57	23 4	0 11	20 44	1 31	23 26	1 6	12 36	0 58	23 32	0 9	15 57	0 10	5 13	2 2	33 41	13 31	16 43	16 25	3 58			n.a.
W15	23 2	11 1	4 31	23 19	0 2	20 24	1 30	23 18	1 6	12 39	0 58	23 33	0 9	15 56	0 10	5 13	2 2	33 41	13 31	16 41	16 24	4 2			n.a.
T 16	22 55	4 44	3 48	23 34	0 s 6	20 4	1 29	23 11	1 6	12 41	0 58	23 33	0 9	15 56	0 10	5 13	2 2	33 40	13 31	16 40	16 23	4 5			n.a.
F 17	22 47	1n48	2 52	23 48	0 15	19 44	1 29	23 3	1 6	12 44	0 58	23 33	0 9	15 56	0 10	5 13	2 2	33 40	13 30	16 39	16 22	4 8			n.a.
S 18	22 40	8 16	1 45	24 1	0 23	19 23	1 28	22 55	1 6	12 47	0 58	23 34	0 9	15 56	0 10	5 14	2 2	33 39	13 30	16 39	16 21	4 12			n.a.
S 19	22 31	14 18	0 32	24 13	0 31	19 1	1 27	22 47	1 6	12 49	0 58	23 34	0 9	15 55	0 10	5 14	2 2	33 39	13 30	16 40	16 20	4 15			n.a.
M20	22 23	19 35	0n43	24 24	0 39	18 39	1 26	22 38	1 6	12 52	0 58	23 34	0 9	15 55	0 10	5 14	2 2	33 39	13 30	16 40	16 19	4 18			n.a.
T 21	22 14	23 45	1 54	24 34	0 47	18 16	1 25	22 30	1 6	12 54	0 58	23 35	0 9	15 55	0 10	5 14	2 2	33 38	13 30	16 39	16 18	4 21			n.a.
W22	22 4	26 30	2 58	24 43	0 54	17 53	1 24	22 21	1 6	12 57	0 58	23 35	0 9	15 55	0 10	5 14	2 2	33 38	13 30	16 38	16 17	4 25			n.a.
T 23	21 54	27 36	3 51	24 51	1 1	17 30	1 23	22 12	1 6	12 59	0 58	23 35	0 9	15 55	0 10	5 14	2 2	33 37	13 30	16 35	16 16	4 28			n.a.
F 24	21 44	27 2	4 30	24 57	1 7	17 5	1 21	22 2	1 6	13 2	0 58	23 36	0 9	15 55	0 10	5 14	2 2	33 37	13 30	16 32	16 15	4 31			n.a.
S 25	21 34	24 55	4 54	25 3	1 14	16 41	1 20	21 52	1 6	13 4	0 59	23 36	0 9	15 55	0 10	5 14	2 2	33 37	13 30	16 29	16 14	4 35			n.a.
S 26	21 22	21 31	5 2	25 7	1 20	16 16	1 19	21 43	1 6	13 6	0 59	23 36	0 9	15 55	0 10	5 14	2 3	33 36	13 30	16 25	16 13	4 38			n.a.
M27	21 11	17 12	4 54	25 9	1 25	15 51	1 17	21 32	1 5	13 9	0 59	23 37	0 9	15 54	0 10	5 14	2 3	33 36	13 30	16 22	16 12	4 41			n.a.
T 28	20 59	12 13	4 32	25 10	1 31	15 25	1 16	21 22	1 5	13 11	0 59	23 37	0 8	15 54	0 10	5 14	2 3	33 36	13 30	16 18	16 11	4 45			n.a.
W29	20 47	6 53	3 58	25 10	1 36	14 59	1 14	21 11	1 5	13 13	0 59	23 37	0 8	15 54	0 10	5 14	2 3	33 35	13 30	16 16	16 10	4 48			n.a.
T 30	20 34	1 22	3 14	25 8	1 40	14 32	1 12	21 1	1 5	13 15	0 59	23 38	0 8	15 54	0 10	5 14	2 3	33 35	13 30	16 14	16 9	4 51			n.a.
F 31	20 s22	4 s 8	2n22	25 s 5	1 s45	14 s 5	1 s11	20 s50	1 s 5	13 s17	0n59	23 s38	0n 8	15n54	0 s10	5 s14	2n 3	33 s34	13 s30	16n13	16n 8	4 s55			n.a.

Julian Day Number = 1297367.5, Delta T = 07h53m34s
Ecliptic obliquity = 23°50'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°06'03, Lahiri = -19°59'03 Julian Calendar 1 Jan. 1161 BCE == Greg. Calendar 21 Dec. 1162 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

FEBRUARY 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 31	1♒34'30	27♎37	12♉52	27♒28	3♒56	7♏31	25♐56	13°D13	17°R51	0♒17	13°D44	13♉25	17♎38	n.a.	S 1
S 2	8 2 27	2°34'17	9♏27	14°28	28°42	4°43	7°37	26° 2	13♉13	17♎51	0°19	13°R44	13°22	17°45	n.a.	S 2
M 3	8 6 24	3°34'03	21°26	16° 5	29°55	5°29	7°43	26° 9	13°13	17°51	0°21	13♉44	13°19	17°51	n.a.	M 3
T 4	8 10 20	4°33'46	3♐37	17°44	1♓ 9	6°16	7°48	26°15	13°13	17°51	0°22	13°42	13°15	17°58	n.a.	T 4
W 5	8 14 17	5°33'28	16° 7	19°23	2°22	7° 2	7°54	26°21	13°14	17°50	0°24	13°39	13°12	18° 5	n.a.	W 5
T 6	8 18 13	6°33'08	28°58	21° 4	3°36	7°49	7°59	26°27	13°14	17°50	0°25	13°32	13° 9	18°11	n.a.	T 6
F 7	8 22 10	7°32'46	12♑12	22°46	4°49	8°35	8° 4	26°33	13°14	17°50	0°27	13°23	13° 6	18°18	n.a.	F 7
S 8	8 26 7	8°32'21	25°50	24°29	6° 3	9°21	8° 9	26°39	13°15	17°50	0°29	13°12	13° 3	18°25	n.a.	S 8
S 9	8 30 3	9°31'55	9♒50	26°13	7°16	10° 8	8°14	26°45	13°15	17°49	0°30	13° 0	12°59	18°31	n.a.	S 9
M10	8 34 0	10°31'26	24° 6	27°59	8°29	10°54	8°19	26°51	13°16	17°49	0°32	12°48	12°56	18°38	n.a.	M10
T 11	8 37 56	11°30'56	8♓32	29°46	9°42	11°40	8°24	26°57	13°16	17°49	0°33	12°37	12°53	18°45	n.a.	T 11
W12	8 41 53	12°30'22	23° 2	1♒34	10°55	12°26	8°28	27° 2	13°17	17°48	0°35	12°28	12°50	18°51	n.a.	W12
T 13	8 45 49	13°29'47	7♈31	3°23	12° 9	13°13	8°32	27° 8	13°17	17°48	0°37	12°23	12°47	18°58	n.a.	T 13
F 14	8 49 46	14°29'08	21°52	5°14	13°22	13°59	8°36	27°14	13°18	17°47	0°38	12°20	12°44	19° 5	n.a.	F 14
S 15	8 53 42	15°28'28	6♉ 4	7° 6	14°35	14°45	8°40	27°19	13°19	17°47	0°40	12°19	12°40	19°11	n.a.	S 15
S 16	8 57 39	16°27'45	20° 6	8°59	15°48	15°31	8°44	27°25	13°20	17°46	0°41	12°19	12°37	19°18	n.a.	S 16
M17	9 1 35	17°26'59	3♊56	10°53	17° 0	16°17	8°47	27°30	13°20	17°46	0°43	12°19	12°34	19°25	n.a.	M17
T 18	9 5 32	18°26'11	17°35	12°49	18°13	17° 3	8°51	27°36	13°21	17°45	0°44	12°16	12°31	19°31	n.a.	T 18
W19	9 9 29	19°25'21	1♋ 4	14°46	19°26	17°49	8°54	27°41	13°22	17°44	0°46	12°11	12°28	19°38	n.a.	W19
T 20	9 13 25	20°24'28	14°22	16°44	20°39	18°34	8°57	27°46	13°23	17°44	0°47	12° 3	12°24	19°45	n.a.	T 20
F 21	9 17 22	21°23'33	27°30	18°44	21°51	19°20	9° 0	27°51	13°24	17°43	0°49	11°53	12°21	19°51	n.a.	F 21
S 22	9 21 18	22°22'35	10♌25	20°44	23° 4	20° 6	9° 2	27°57	13°25	17°42	0°51	11°40	12°18	19°58	n.a.	S 22
S 23	9 25 15	23°21'36	23° 8	22°46	24°16	20°52	9° 5	28° 2	13°27	17°42	0°52	11°27	12°15	20° 5	n.a.	S 23
M24	9 29 11	24°20'34	5♍39	24°48	25°29	21°37	9° 7	28° 7	13°28	17°41	0°54	11°14	12°12	20°11	n.a.	M24
T 25	9 33 8	25°19'30	17°56	26°51	26°41	22°23	9° 9	28°12	13°29	17°40	0°55	11° 3	12° 9	20°18	n.a.	T 25
W26	9 37 4	26°18'23	0♎ 2	28°55	27°53	23° 9	9°11	28°17	13°30	17°39	0°57	10°54	12° 5	20°25	n.a.	W26
T 27	9 41 1	27°17'15	11°58	1♓ 0	29° 6	23°54	9°13	28°21	13°32	17°38	0°58	10°48	12° 2	20°31	n.a.	T 27
F 28	9 44 58	28°16'05	23°48	3° 4	0♈18	24°40	9°14	28°26	13°33	17°37	0°59	10°44	11°59	20°38	n.a.	F 28
S 29	9 48 54	29♒14'53	5♏36	5♓ 9	1♈30	25♒25	9♏16	28♐31	13♉35	17♎36	1♒ 1	10°D43	11♉56	20♎45	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 8	9s29	1n24	25s 0	1s49	13s38	1s 9	20s38	1s 5	13s19	0n59	23s38	0n 8	15n54	0s10	5s14	2n 3	33s34	13s30	16n13	16n 7	4s58		n.a.
S 2	19 55	14 31	0 23	24 53	1 52	13 10	1 7	20 27	1 5	13 21	0 59	23 38	0 8	15 54	0 10	5 13	2 3	33 34	13 30	16 13	16 6	5 1		n.a.
M 3	19 41	19 4	0s41	24 45	1 55	12 42	1 5	20 15	1 5	13 23	0 59	23 39	0 8	15 54	0 10	5 13	2 3	33 33	13 30	16 13	16 6	5 4		n.a.
T 4	19 26	22 55	1 43	24 35	1 58	12 14	1 3	20 3	1 4	13 24	0 59	23 39	0 8	15 55	0 10	5 13	2 3	33 33	13 31	16 13	16 5	5 8		n.a.
W 5	19 12	25 47	2 42	24 24	2 0	11 45	1 1	19 51	1 4	13 26	0 59	23 39	0 8	15 55	0 10	5 13	2 3	33 33	13 31	16 12	16 4	5 11		n.a.
T 6	18 57	27 25	3 35	24 10	2 2	11 16	0 59	19 39	1 4	13 28	1 0	23 39	0 8	15 55	0 10	5 13	2 3	33 32	13 31	16 10	16 3	5 14		n.a.
F 7	18 41	27 32	4 18	23 55	2 4	10 47	0 57	19 27	1 4	13 29	1 0	23 40	0 8	15 55	0 10	5 13	2 3	33 32	13 31	16 7	16 2	5 18		n.a.
S 8	18 26	26 1	4 47	23 38	2 5	10 18	0 55	19 14	1 4	13 31	1 0	23 40	0 8	15 55	0 10	5 13	2 3	33 32	13 31	16 4	16 1	5 21		n.a.
S 9	18 10	22 53	5 0	23 19	2 6	9 48	0 53	19 1	1 4	13 33	1 0	23 40	0 8	15 55	0 10	5 12	2 3	33 31	13 31	16 0	16 0	5 24		n.a.
M10	17 53	18 19	4 54	22 58	2 6	9 18	0 50	18 48	1 3	13 34	1 0	23 40	0 8	15 55	0 10	5 12	2 4	33 31	13 31	15 56	15 59	5 28		n.a.
T 11	17 37	12 40	4 30	22 35	2 6	8 48	0 48	18 35	1 3	13 35	1 0	23 40	0 7	15 55	0 10	5 12	2 4	33 31	13 31	15 53	15 58	5 31		n.a.
W12	17 20	6 18	3 49	22 10	2 5	8 17	0 46	18 21	1 3	13 37	1 0	23 41	0 7	15 56	0 10	5 12	2 4	33 31	13 31	15 50	15 57	5 34		n.a.
T 13	17 3	0n23	2 53	21 43	2 4	7 47	0 43	18 8	1 3	13 38	1 0	23 41	0 7	15 56	0 10	5 12	2 4	33 30	13 31	15 48	15 56	5 38		n.a.
F 14	16 45	7 2	1 46	21 15	2 2	7 16	0 41	17 54	1 3	13 39	1 0	23 41	0 7	15 56	0 10	5 11	2 4	33 30	13 31	15 48	15 55	5 41		n.a.
S 15	16 28	13 15	0 33	20 44	2 0	6 45	0 38	17 40	1 2	13 40	1 0	23 41	0 7	15 56	0 10	5 11	2 4	33 30	13 31	15 47	15 54	5 44		n.a.
S 16	16 10	18 43	0n41	20 11	1 57	6 14	0 36	17 26	1 2	13 42	1 0	23 41	0 7	15 57	0 10	5 11	2 4	33 29	13 32	15 47	15 53	5 47		n.a.
M17	15 52	23 7	1 52	19 36	1 53	5 43	0 33	17 12	1 2	13 43	1 1	23 42	0 7	15 57	0 10	5 11	2 4	33 29	13 32	15 47	15 52	5 51		n.a.
T 18	15 33	26 9	2 55	18 59	1 50	5 12	0 30	16 58	1 2	13 44	1 1	23 42	0 7	15 57	0 10	5 10	2 4	33 29	13 32	15 46	15 51	5 54		n.a.
W19	15 14	27 37	3 47	18 21	1 45	4 40	0 27	16 43	1 1	13 45	1 1	23 42	0 7	15 58	0 10	5 10	2 4	33 29	13 32	15 45	15 50	5 57		n.a.
T 20	14 55	27 28	4 27	17 40	1 40	4 9	0 25	16 29	1 1	13 45	1 1	23 42	0 7	15 58	0 10	5 10	2 4	33 28	13 32	15 42	15 49	6 1		n.a.
F 21	14 36	25 45	4 51	16 57	1 34	3 37	0 22	16 14	1 1	13 46	1 1	23 42	0 7	15 58	0 10	5 9	2 4	33 28	13 32	15 39	15 48	6 4		n.a.
S 22	14 17	22 43	5 0	16 13	1 28	3 5	0 19	15 59	1 1	13 47	1 1	23 42	0 7	15 59	0 10	5 9	2 4	33 28	13 32	15 35	15 47	6 7		n.a.
S 23	13 57	18 39	4 54	15 26	1 22	2 33	0 16	15 44	1 0	13 48	1 1	23 43	0 7	15 59	0 10	5 9	2 4	33 28	13 32	15 31	15 46	6 11		n.a.
M24	13 37	13 50	4 34	14 38	1 14	2 2	0 13	15 29	1 0	13 48	1 1	23 43	0 7	15 59	0 10	5 8	2 4	33 28	13 33	15 27	15 45	6 14		n.a.
T 25	13 17	8 32	4 1	13 48	1 6	1 30	0 10	15 13	1 0	13 49	1 1	23 43	0 7	16 0	0 9	5 8	2 4	33 27	13 33	15 23	15 44	6 17		n.a.
W26	12 57	3 0	3 18	12 57	0 58	0 58	0 7	14 58	1 0	13 50	1 1	23 43	0 6	16 0	0 9	5 8	2 4	33 27	13 33	15 21	15 43	6 20		n.a.
T 27	12 37	2s34	2 26	12 4	0 49	0 26	0 4	14 42	0 59	13 50	1 1	23 43	0 6	16 1	0 9	5 7	2 5	33 27	13 33	15 19	15 42	6 24		n.a.
F 28	12 16	8 1	1 29	11 10	0 40	0n 6	0 1	14 27	0 59	13 50	1 1	23 43	0 6	16 1	0 9	5 7	2 5	33 27	13 33	15 17	15 41	6 27		n.a.
S 29	11s55	13s11	0n27	10s14	0s30	0n38	0n 2	14s11	0s59	13s51	1n 2	23s43	0n 6	16n 1	0s 9	5s 6	2n 5	33s27	13s33	15n17	15n40	6s30		n.a.

Julian Day Number = 1297398.5, Delta T = 07h53m33s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'59, Lahiri = -19°58'59 Julian Calendar 1 Feb. 1161 BCE == Greg. Calendar 21 Jan. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

MARCH 1161 BCE (-1160) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 51	0♓13'39	17♏26	7♓13	2♈42	26♒11	9♏17	28♐35	13♉36	17°R36	1♒ 2	10♉43	11♉53	20♎51	n.a.	S 1
M 2	9 56 47	1°12'23	29°23	9°17	3°54	26°56	9°18	28°40	13°38	17♎35	1° 4	10°R43	11°50	20°58	n.a.	M 2
T 3	10 0 44	2°11'05	11♐34	11°20	5° 6	27°41	9°19	28°44	13°39	17°34	1° 5	10°43	11°46	21° 5	n.a.	T 3
W 4	10 4 40	3° 9'46	24° 3	13°22	6°18	28°26	9°19	28°49	13°41	17°33	1° 7	10°41	11°43	21°11	n.a.	W 4
T 5	10 8 37	4° 8'25	6♑54	15°23	7°29	29°12	9°20	28°53	13°43	17°32	1° 8	10°37	11°40	21°18	n.a.	T 5
F 6	10 12 33	5° 7'02	20°12	17°21	8°41	29°57	9°20	28°57	13°44	17°30	1° 9	10°30	11°37	21°25	n.a.	F 6
S 7	10 16 30	6° 5'37	3♒58	19°18	9°53	0♓42	9°R20	29° 1	13°46	17°29	1°11	10°22	11°34	21°31	n.a.	S 7
S 8	10 20 26	7° 4'10	18° 9	21°11	11° 4	1°27	9°20	29° 6	13°48	17°28	1°12	10°12	11°30	21°38	n.a.	S 8
M 9	10 24 23	8° 2'41	2♓42	23° 2	12°16	2°12	9°19	29°10	13°50	17°27	1°14	10° 2	11°27	21°44	n.a.	M 9
T 10	10 28 20	9° 1'11	17°29	24°50	13°27	2°57	9°19	29°13	13°52	17°26	1°15	9°53	11°24	21°51	n.a.	T 10
W11	10 32 16	9°59'38	2♈24	26°35	14°38	3°42	9°18	29°17	13°54	17°25	1°16	9°46	11°21	21°58	n.a.	W11
T 12	10 36 13	10°58'02	17°16	28°15	15°50	4°27	9°17	29°21	13°56	17°24	1°18	9°42	11°18	22° 4	n.a.	T 12
F 13	10 40 9	11°56'25	1♉58	29°52	17° 1	5°12	9°16	29°25	13°58	17°22	1°19	9°40	11°15	22°11	n.a.	F 13
S 14	10 44 6	12°54'46	16°26	1♈25	18°12	5°57	9°15	29°28	14° 0	17°21	1°20	9°D40	11°11	22°18	n.a.	S 14
S 15	10 48 2	13°53'04	0♊37	2°53	19°23	6°41	9°13	29°32	14° 2	17°20	1°21	9°41	11° 8	22°24	n.a.	S 15
M16	10 51 59	14°51'20	14°29	4°17	20°34	7°26	9°12	29°35	14° 4	17°19	1°23	9°R41	11° 5	22°31	n.a.	M16
T 17	10 55 55	15°49'34	28° 3	5°36	21°44	8°11	9°10	29°39	14° 6	17°17	1°24	9°40	11° 2	22°38	n.a.	T 17
W18	10 59 52	16°47'46	11♋21	6°51	22°55	8°55	9° 8	29°42	14° 9	17°16	1°25	9°38	10°59	22°44	n.a.	W18
T 19	11 3 49	17°45'56	24°23	8° 0	24° 6	9°40	9° 6	29°45	14°11	17°15	1°26	9°33	10°56	22°51	n.a.	T 19
F 20	11 7 45	18°44'03	7♌12	9° 5	25°16	10°24	9° 3	29°48	14°13	17°13	1°27	9°26	10°52	22°58	n.a.	F 20
S 21	11 11 42	19°42'09	19°48	10° 5	26°27	11° 9	9° 1	29°51	14°16	17°12	1°29	9°18	10°49	23° 4	n.a.	S 21
S 22	11 15 38	20°40'12	2♍14	11° 0	27°37	11°53	8°58	29°54	14°18	17°10	1°30	9° 9	10°46	23°11	n.a.	S 22
M23	11 19 35	21°38'14	14°28	11°49	28°47	12°37	8°55	29°57	14°20	17° 9	1°31	9° 0	10°43	23°18	n.a.	M23
T 24	11 23 31	22°36'13	26°34	12°34	29°57	13°22	8°52	29°59	14°23	17° 8	1°32	8°52	10°40	23°24	n.a.	T 24
W25	11 27 28	23°34'11	8♎32	13°13	1♉ 7	14° 6	8°49	0♑ 2	14°25	17° 6	1°33	8°47	10°36	23°31	n.a.	W25
T 26	11 31 24	24°32'07	20°23	13°47	2°17	14°50	8°45	0° 5	14°28	17° 5	1°34	8°43	10°33	23°38	n.a.	T 26
F 27	11 35 21	25°30'02	2♏11	14°16	3°27	15°34	8°42	0° 7	14°31	17° 3	1°35	8°41	10°30	23°44	n.a.	F 27
S 28	11 39 17	26°27'55	13°59	14°39	4°37	16°18	8°38	0°10	14°33	17° 2	1°36	8°D41	10°27	23°51	n.a.	S 28
S 29	11 43 14	27°25'47	25°49	14°57	5°46	17° 2	8°34	0°12	14°36	17° 0	1°37	8°42	10°24	23°58	n.a.	S 29
M30	11 47 11	28°23'37	7♐47	15°10	6°56	17°46	8°30	0°14	14°39	16°59	1°38	8°43	10°21	24° 4	n.a.	M30
T 31	11 51 7	29♓21'26	19♐57	15♈17	8♉ 5	18♓30	8♏26	0♑16	14♉41	16♎57	1♒39	8♉45	10♉17	24♎11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s35	17s53	0s36	9s18	0s19	1n10	0n 5	13s55	0s58	13s51	1n 2	23s43	0n 6	16n 2	0s 9	5s 6	2n 5	33s26	13s34	15n17	15n39	6s34			n.a.
M 2	11 13	21 56	1 38	8 21	0 9	1 42	0 8	13 39	0 58	13 51	1 2	23 44	0 6	16 2	0 9	5 6	2 5	33 26	13 34	15 17	15 38	6 37			n.a.
T 3	10 52	25 7	2 37	7 24	0n 2	2 14	0 11	13 23	0 58	13 51	1 2	23 44	0 6	16 3	0 9	5 5	2 5	33 26	13 34	15 17	15 37	6 40			n.a.
W 4	10 31	27 11	3 29	6 26	0 14	2 46	0 15	13 6	0 57	13 52	1 2	23 44	0 6	16 3	0 9	5 5	2 5	33 26	13 34	15 16	15 36	6 43			n.a.
T 5	10 9	27 52	4 13	5 28	0 25	3 17	0 18	12 50	0 57	13 52	1 2	23 44	0 6	16 4	0 9	5 4	2 5	33 26	13 34	15 15	15 35	6 47			n.a.
F 6	9 47	26 59	4 45	4 31	0 37	3 49	0 21	12 34	0 57	13 52	1 2	23 44	0 6	16 5	0 9	5 4	2 5	33 26	13 35	15 13	15 34	6 50			n.a.
S 7	9 26	24 28	5 2	3 34	0 48	4 21	0 24	12 17	0 56	13 52	1 2	23 44	0 6	16 5	0 9	5 3	2 5	33 26	13 35	15 10	15 33	6 53			n.a.
S 8	9 4	20 24	5 1	2 38	1 0	4 52	0 27	12 0	0 56	13 51	1 2	23 44	0 6	16 6	0 9	5 3	2 5	33 25	13 35	15 7	15 32	6 57			n.a.
M 9	8 41	15 2	4 41	1 43	1 11	5 24	0 31	11 44	0 56	13 51	1 2	23 44	0 6	16 6	0 9	5 2	2 5	33 25	13 35	15 4	15 31	7 0			n.a.
T 10	8 19	8 43	4 1	0 49	1 23	5 55	0 34	11 27	0 55	13 51	1 2	23 44	0 6	16 7	0 9	5 2	2 5	33 25	13 36	15 1	15 30	7 3			n.a.
W11	7 57	1 52	3 5	0n 3	1 34	6 26	0 37	11 10	0 55	13 51	1 2	23 45	0 5	16 7	0 9	5 1	2 5	33 25	13 36	14 59	15 29	7 6			n.a.
T 12	7 34	5n 5	1 57	0 53	1 44	6 57	0 40	10 53	0 55	13 50	1 3	23 45	0 5	16 8	0 9	5 1	2 5	33 25	13 36	14 58	15 28	7 10			n.a.
F 13	7 12	11 43	0 41	1 41	1 54	7 28	0 44	10 36	0 54	13 50	1 3	23 45	0 5	16 9	0 9	5 0	2 5	33 25	13 36	14 57	15 27	7 13			n.a.
S 14	6 49	17 36	0n36	2 28	2 4	7 58	0 47	10 19	0 54	13 49	1 3	23 45	0 5	16 9	0 9	5 0	2 5	33 25	13 36	14 57	15 26	7 16			n.a.
S 15	6 26	22 24	1 50	3 12	2 13	8 29	0 50	10 2	0 54	13 49	1 3	23 45	0 5	16 10	0 9	4 59	2 5	33 25	13 37	14 57	15 25	7 20			n.a.
M16	6 4	25 49	2 56	3 53	2 22	8 59	0 54	9 44	0 53	13 48	1 3	23 45	0 5	16 11	0 9	4 59	2 5	33 25	13 37	14 57	15 24	7 23			n.a.
T 17	5 41	27 39	3 50	4 32	2 29	9 29	0 57	9 27	0 53	13 48	1 3	23 45	0 5	16 11	0 9	4 58	2 5	33 25	13 37	14 57	15 23	7 26			n.a.
W18	5 18	27 50	4 30	5 9	2 36	9 59	1 0	9 10	0 52	13 47	1 3	23 45	0 5	16 12	0 9	4 58	2 5	33 25	13 37	14 56	15 22	7 29			n.a.
T 19	4 55	26 27	4 56	5 43	2 43	10 28	1 3	8 52	0 52	13 46	1 3	23 45	0 5	16 13	0 9	4 57	2 5	33 25	13 38	14 55	15 21	7 33			n.a.
F 20	4 32	23 42	5 6	6 14	2 48	10 58	1 7	8 35	0 52	13 45	1 3	23 45	0 5	16 13	0 9	4 57	2 5	33 25	13 38	14 52	15 20	7 36			n.a.
S 21	4 9	19 52	5 2	6 42	2 53	11 27	1 10	8 17	0 51	13 45	1 3	23 45	0 5	16 14	0 9	4 56	2 6	33 24	13 38	14 50	15 19	7 39			n.a.
S 22	3 45	15 14	4 42	7 7	2 56	11 56	1 13	8 0	0 51	13 44	1 3	23 45	0 5	16 15	0 9	4 55	2 6	33 24	13 39	14 47	15 18	7 43			n.a.
M23	3 22	10 3	4 11	7 29	2 59	12 24	1 16	7 42	0 50	13 43	1 3	23 46	0 5	16 16	0 9	4 55	2 6	33 24	13 39	14 44	15 17	7 46			n.a.
T 24	2 59	4 33	3 28	7 48	3 0	12 52	1 19	7 25	0 50	13 42	1 3	23 46	0 4	16 16	0 9	4 54	2 6	33 24	13 39	14 41	15 16	7 49			n.a.
W25	2 36	1s 3	2 36	8 4	3 1	13 20	1 22	7 7	0 50	13 40	1 3	23 46	0 4	16 17	0 9	4 54	2 6	33 24	13 39	14 40	15 15	7 52			n.a.
T 26	2 12	6 36	1 37	8 17	3 0	13 48	1 26	6 49	0 49	13 39	1 3	23 46	0 4	16 18	0 9	4 53	2 6	33 24	13 40	14 38	15 14	7 56			n.a.
F 27	1 49	11 53	0 35	8 27	2 59	14 15	1 29	6 32	0 49	13 38	1 3	23 46	0 4	16 19	0 9	4 53	2 6	33 24	13 40	14 38	15 13	7 59			n.a.
S 28	1 26	16 45	0s29	8 34	2 56	14 42	1 32	6 14	0 48	13 37	1 3	23 46	0 4	16 20	0 9	4 52	2 6	33 25	13 40	14 38	15 12	8 2			n.a.
S 29	1 2	21 1	1 32	8 37	2 52	15 9	1 35	5 56	0 48	13 36	1 3	23 46	0 4	16 20	0 9	4 51	2 6	33 25	13 41	14 38	15 11	8 5			n.a.
M30	0 39	24 28	2 32	8 37	2 47	15 35	1 38	5 38	0 47	13 34	1 3	23 46	0 4	16 21	0 9	4 51	2 6	33 25	13 41	14 39	15 10	8 9			n.a.
T 31	0s16	26s52	3s26	8n35	2n41	16n 1	1n41	5s20	0s47	13s33	1n 3	23s46	0n 4	16n22	0s 9	4s50	2n 6	33s25	13s41	14n39	15n 9	8s12			n.a.

Julian Day Number = 1297427.5, Delta T = 07h53m31s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'55, Lahiri = -19°58'55 Julian Calendar 1 March 1161 BCE == Greg. Calendar 19 Feb. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

APRIL 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 55 4	0♈19'13	2♉25	15°R20	9♉14	19♓14	8°R21	0♉18	14♉44	16°R56	1♒40	8°R45	10♉14	24♎17	n.a.	W 1
T 2	11 59 0	1°17'00	15°14	15♈17	10°23	19°58	8♏17	0°20	14°47	16♎54	1°41	8♉44	10°11	24°24	n.a.	T 2
F 3	12 2 57	2°14'45	28°28	15° 9	11°32	20°41	8°12	0°22	14°50	16°53	1°42	8°42	10° 8	24°31	n.a.	F 3
S 4	12 6 53	3°12'28	12♒11	14°57	12°41	21°25	8° 7	0°24	14°53	16°51	1°43	8°38	10° 5	24°37	n.a.	S 4
S 5	12 10 50	4°10'11	26°21	14°41	13°50	22° 9	8° 2	0°25	14°55	16°50	1°44	8°33	10° 1	24°44	n.a.	S 5
M 6	12 14 46	5° 7'52	10♓57	14°21	14°59	22°52	7°57	0°27	14°58	16°48	1°45	8°28	9°58	24°51	n.a.	M 6
T 7	12 18 43	6° 5'31	25°52	13°57	16° 7	23°36	7°51	0°28	15° 1	16°46	1°46	8°24	9°55	24°57	n.a.	T 7
W 8	12 22 40	7° 3'10	10♈59	13°30	17°16	24°19	7°46	0°29	15° 4	16°45	1°46	8°20	9°52	25° 4	n.a.	W 8
T 9	12 26 36	8° 0'47	26° 7	13° 0	18°24	25° 3	7°40	0°31	15° 7	16°43	1°47	8°18	9°49	25°11	n.a.	T 9
F 10	12 30 33	8°58'22	11♉ 8	12°28	19°32	25°46	7°35	0°32	15°10	16°42	1°48	8°D18	9°46	25°17	n.a.	F 10
S 11	12 34 29	9°55'56	25°55	11°55	20°40	26°29	7°29	0°33	15°13	16°40	1°49	8°19	9°42	25°24	n.a.	S 11
S 12	12 38 26	10°53'29	10♊20	11°21	21°48	27°13	7°23	0°34	15°16	16°38	1°49	8°20	9°39	25°31	n.a.	S 12
M13	12 42 22	11°50'59	24°23	10°46	22°56	27°56	7°17	0°35	15°20	16°37	1°50	8°21	9°36	25°37	n.a.	M13
T 14	12 46 19	12°48'29	8♋ 2	10°11	24° 4	28°39	7°10	0°35	15°23	16°35	1°51	8°R22	9°33	25°44	n.a.	T 14
W15	12 50 15	13°45'57	21°18	9°38	25°11	29°22	7° 4	0°36	15°26	16°34	1°52	8°22	9°30	25°51	n.a.	W15
T 16	12 54 12	14°43'23	4♌14	9° 5	26°18	0♈ 5	6°57	0°37	15°29	16°32	1°52	8°21	9°27	25°57	n.a.	T 16
F 17	12 58 9	15°40'48	16°53	8°35	27°25	0°48	6°51	0°37	15°32	16°30	1°53	8°19	9°23	26° 4	n.a.	F 17
S 18	13 2 5	16°38'11	29°17	8° 7	28°32	1°31	6°44	0°37	15°35	16°29	1°53	8°16	9°20	26°11	n.a.	S 18
S 19	13 6 2	17°35'33	11♍30	7°42	29°39	2°14	6°37	0°38	15°39	16°27	1°54	8°12	9°17	26°17	n.a.	S 19
M20	13 9 58	18°32'54	23°32	7°20	0♊46	2°57	6°31	0°38	15°42	16°26	1°55	8° 9	9°14	26°24	n.a.	M20
T 21	13 13 55	19°30'14	5♎28	7° 2	1°52	3°40	6°24	0°R38	15°45	16°24	1°55	8° 7	9°11	26°30	n.a.	T 21
W22	13 17 51	20°27'32	17°19	6°47	2°59	4°22	6°17	0°38	15°49	16°22	1°56	8° 5	9° 7	26°37	n.a.	W22
T 23	13 21 48	21°24'50	29° 8	6°37	4° 5	5° 5	6°10	0°38	15°52	16°21	1°56	8° 4	9° 4	26°44	n.a.	T 23
F 24	13 25 44	22°22'06	10♏56	6°31	5°11	5°47	6° 2	0°37	15°55	16°19	1°57	8°D 3	9° 1	26°50	n.a.	F 24
S 25	13 29 41	23°19'22	22°45	6°D29	6°16	6°30	5°55	0°37	15°59	16°17	1°57	8° 4	8°58	26°57	n.a.	S 25
S 26	13 33 38	24°16'37	4♐40	6°32	7°22	7°12	5°48	0°37	16° 2	16°16	1°57	8° 5	8°55	27° 4	n.a.	S 26
M27	13 37 34	25°13'51	16°42	6°39	8°27	7°55	5°41	0°36	16° 5	16°14	1°58	8° 6	8°52	27°10	n.a.	M27
T 28	13 41 31	26°11'05	28°56	6°51	9°32	8°37	5°33	0°36	16° 9	16°13	1°58	8° 7	8°48	27°17	n.a.	T 28
W29	13 45 27	27° 8'18	11♑26	7° 7	10°37	9°20	5°26	0°35	16°12	16°11	1°59	8° 8	8°45	27°24	n.a.	W29
T 30	13 49 24	28♈ 5'31	24♑14	7♈28	11♊42	10♈ 2	5♏18	0♑34	16♉16	16♎ 9	1♒59	8°R 8	8♉42	27♎30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n 8	28s 0	4s11	8n29	2n33	16n26	1n43	5s 2	0s46	13s31	1n 4	23s46	0n 4	16n23	0s 9	4s50	2n 6	33s25	13s41	14n39	15n 8	8s15		n.a.
T 2	0 31	27 41	4 46	8 20	2 24	16 51	1 46	4 45	0 46	13 30	1 4	23 46	0 4	16 24	0 9	4 49	2 6	33 25	13 42	14 39	15 7	8 19		n.a.
F 3	0 54	25 48	5 7	8 8	2 14	17 16	1 49	4 27	0 46	13 28	1 4	23 46	0 4	16 25	0 9	4 48	2 6	33 25	13 42	14 38	15 6	8 22		n.a.
S 4	1 18	22 23	5 11	7 53	2 3	17 40	1 52	4 9	0 45	13 27	1 4	23 46	0 4	16 26	0 9	4 48	2 6	33 25	13 42	14 37	15 5	8 25		n.a.
S 5	1 41	17 34	4 57	7 35	1 51	18 4	1 55	3 51	0 45	13 25	1 4	23 47	0 4	16 26	0 9	4 47	2 6	33 25	13 43	14 35	15 4	8 28		n.a.
M 6	2 4	11 38	4 23	7 15	1 38	18 28	1 57	3 33	0 44	13 23	1 4	23 47	0 3	16 27	0 9	4 46	2 6	33 25	13 43	14 34	15 3	8 32		n.a.
T 7	2 27	4 53	3 31	6 53	1 24	18 51	2 0	3 15	0 44	13 21	1 4	23 47	0 3	16 28	0 9	4 46	2 6	33 25	13 43	14 32	15 2	8 35		n.a.
W 8	2 51	2n13	2 24	6 28	1 9	19 13	2 2	2 57	0 43	13 20	1 4	23 47	0 3	16 29	0 9	4 45	2 6	33 25	13 44	14 31	15 1	8 38		n.a.
T 9	3 14	9 13	1 6	6 2	0 54	19 35	2 5	2 39	0 43	13 18	1 4	23 47	0 3	16 30	0 9	4 45	2 6	33 25	13 44	14 30	15 0	8 41		n.a.
F 10	3 37	15 40	0n16	5 35	0 38	19 57	2 7	2 21	0 42	13 16	1 4	23 47	0 3	16 31	0 9	4 44	2 6	33 26	13 44	14 30	14 59	8 45		n.a.
S 11	4 0	21 5	1 35	5 6	0 21	20 18	2 10	2 3	0 42	13 14	1 4	23 47	0 3	16 32	0 9	4 43	2 6	33 26	13 45	14 30	14 58	8 48		n.a.
S 12	4 23	25 7	2 47	4 37	0 4	20 38	2 12	1 45	0 41	13 12	1 4	23 47	0 3	16 33	0 9	4 43	2 6	33 26	13 45	14 31	14 57	8 51		n.a.
M13	4 46	27 29	3 47	4 8	0s13	20 58	2 14	1 27	0 41	13 10	1 4	23 47	0 3	16 34	0 9	4 42	2 6	33 26	13 45	14 31	14 56	8 54		n.a.
T 14	5 8	28 6	4 32	3 38	0 30	21 18	2 16	1 10	0 40	13 8	1 3	23 47	0 3	16 35	0 9	4 41	2 6	33 26	13 46	14 32	14 55	8 58		n.a.
W15	5 31	27 4	5 1	3 10	0 47	21 37	2 18	0 52	0 40	13 6	1 3	23 47	0 3	16 36	0 9	4 41	2 6	33 26	13 46	14 32	14 54	9 1		n.a.
T 16	5 54	24 35	5 14	2 41	1 3	21 55	2 20	0 34	0 39	13 4	1 3	23 47	0 3	16 37	0 9	4 40	2 6	33 26	13 46	14 31	14 53	9 4		n.a.
F 17	6 16	20 58	5 11	2 15	1 19	22 13	2 22	0 16	0 39	13 2	1 3	23 47	0 3	16 37	0 9	4 40	2 6	33 27	13 47	14 30	14 52	9 7		n.a.
S 18	6 39	16 29	4 54	1 49	1 35	22 30	2 24	0n 2	0 38	13 0	1 3	23 48	0 2	16 38	0 9	4 39	2 6	33 27	13 47	14 30	14 51	9 11		n.a.
S 19	7 1	11 25	4 23	1 26	1 50	22 47	2 26	0 20	0 38	12 57	1 3	23 48	0 2	16 39	0 9	4 38	2 6	33 27	13 47	14 28	14 49	9 14		n.a.
M20	7 23	5 59	3 42	1 4	2 4	23 3	2 28	0 37	0 37	12 55	1 3	23 48	0 2	16 40	0 9	4 38	2 6	33 27	13 48	14 27	14 48	9 17		n.a.
T 21	7 45	0 24	2 50	0 45	2 17	23 19	2 29	0 55	0 37	12 53	1 3	23 48	0 2	16 41	0 9	4 37	2 6	33 27	13 48	14 27	14 47	9 20		n.a.
W22	8 7	5s11	1 52	0 28	2 29	23 34	2 31	1 13	0 36	12 51	1 3	23 48	0 2	16 42	0 9	4 36	2 6	33 28	13 48	14 26	14 46	9 24		n.a.
T 23	8 29	10 35	0 49	0 14	2 40	23 48	2 32	1 30	0 36	12 48	1 3	23 48	0 2	16 43	0 9	4 36	2 6	33 28	13 49	14 26	14 45	9 27		n.a.
F 24	8 51	15 36	0s16	0 2	2 50	24 2	2 34	1 48	0 35	12 46	1 3	23 48	0 2	16 44	0 9	4 35	2 6	33 28	13 49	14 25	14 44	9 30		n.a.
S 25	9 12	20 4	1 21	0s 7	2 59	24 15	2 35	2 6	0 35	12 44	1 3	23 48	0 2	16 45	0 9	4 35	2 6	33 28	13 50	14 26	14 43	9 33		n.a.
S 26	9 34	23 45	2 22	0 13	3 7	24 28	2 36	2 23	0 34	12 41	1 3	23 48	0 2	16 46	0 9	4 34	2 6	33 29	13 50	14 26	14 42	9 36		n.a.
M27	9 55	26 27	3 18	0 16	3 14	24 40	2 37	2 41	0 33	12 39	1 3	23 48	0 2	16 47	0 9	4 33	2 6	33 29	13 50	14 26	14 41	9 40		n.a.
T 28	10 16	27 56	4 6	0 17	3 19	24 51	2 38	2 58	0 33	12 36	1 3	23 48	0 2	16 48	0 9	4 33	2 6	33 29	13 51	14 27	14 40	9 43		n.a.
W29	10 37	28 3	4 44	0 15	3 24	25 1	2 39	3 16	0 32	12 34	1 3	23 48	0 2	16 49	0 9	4 32	2 6	33 29	13 51	14 27	14 39	9 46		n.a.
T 30	10n58	26s40	5s 8	0s10	3s28	25n11	2n39	3n33	0s32	12s31	1n 3	23s49	0n 1	16n50	0s 9	4s32	2n 6	33s30	13s51	14n27	14n38	9s49		n.a.

Julian Day Number = 1297458.5, Delta T = 07h53m30s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'51, Lahiri = -19°58'50 Julian Calendar 1 Apr. 1161 BCE == Greg. Calendar 21 March 1161 BCE

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

MAY 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 53 20	29♈ 2'43	7♒24	7♈53	12♊47	10♈44	5°R11	0°R33	16♉19	16°R 8	1♒59	8°R 8	8♉39	27♎37	n.a.	F 1
S 2	13 57 17	29°59'55	21° 0	8°23	13°51	11°26	5♏ 3	0♑32	16°23	16♎ 6	1°59	8♉ 8	8°36	27°44	n.a.	S 2
S 3	14 1 13	0♉57'06	5♓ 1	8°57	14°55	12° 8	4°55	0°31	16°26	16° 5	2° 0	8° 7	8°33	27°50	n.a.	S 3
M 4	14 5 10	1°54'17	19°28	9°35	15°59	12°51	4°48	0°30	16°30	16° 3	2° 0	8° 6	8°29	27°57	n.a.	M 4
T 5	14 9 7	2°51'28	4♈16	10°17	17° 2	13°33	4°40	0°29	16°33	16° 2	2° 0	8° 6	8°26	28° 4	n.a.	T 5
W 6	14 13 3	3°48'38	19°19	11° 3	18° 6	14°15	4°33	0°27	16°37	16° 0	2° 0	8° 5	8°23	28°10	n.a.	W 6
T 7	14 17 0	4°45'47	4♉30	11°53	19° 9	14°56	4°25	0°26	16°40	15°59	2° 0	8°D 5	8°20	28°17	n.a.	T 7
F 8	14 20 56	5°42'57	19°38	12°47	20°12	15°38	4°17	0°24	16°44	15°57	2° 1	8° 5	8°17	28°24	n.a.	F 8
S 9	14 24 53	6°40'05	4♊35	13°44	21°14	16°20	4°10	0°23	16°47	15°56	2° 1	8° 5	8°13	28°30	n.a.	S 9
S 10	14 28 49	7°37'13	19°13	14°46	22°17	17° 2	4° 2	0°21	16°51	15°54	2° 1	8° 6	8°10	28°37	n.a.	S 10
M11	14 32 46	8°34'21	3♋27	15°50	23°19	17°44	3°54	0°19	16°54	15°53	2° 1	8°R 6	8° 7	28°43	n.a.	M11
T 12	14 36 42	9°31'28	17°15	16°59	24°21	18°25	3°47	0°17	16°58	15°51	2° 1	8° 5	8° 4	28°50	n.a.	T 12
W13	14 40 39	10°28'34	0♌37	18°11	25°22	19° 7	3°39	0°15	17° 1	15°50	2°R 1	8° 5	8° 1	28°57	n.a.	W13
T 14	14 44 36	11°25'40	13°34	19°27	26°23	19°48	3°32	0°13	17° 5	15°48	2° 1	8°D 5	7°58	29° 3	n.a.	T 14
F 15	14 48 32	12°22'45	26°10	20°46	27°24	20°30	3°24	0°11	17° 9	15°47	2° 1	8° 5	7°54	29°10	n.a.	F 15
S 16	14 52 29	13°19'49	8♍29	22° 8	28°25	21°11	3°17	0° 8	17°12	15°46	2° 1	8° 6	7°51	29°17	n.a.	S 16
S 17	14 56 25	14°16'53	20°35	23°34	29°25	21°53	3° 9	0° 6	17°16	15°44	2° 1	8° 6	7°48	29°23	n.a.	S 17
M18	15 0 22	15°13'57	2♎31	25° 3	0♋25	22°34	3° 2	0° 4	17°19	15°43	2° 1	8° 7	7°45	29°30	n.a.	M18
T 19	15 4 18	16°11'00	14°21	26°35	1°24	23°15	2°55	0° 1	17°23	15°42	2° 1	8° 8	7°42	29°37	n.a.	T 19
W20	15 8 15	17° 8'03	26° 9	28°11	2°23	23°56	2°47	29♐59	17°26	15°40	2° 0	8° 8	7°38	29°43	n.a.	W20
T 21	15 12 12	18° 5'06	7♏57	29°49	3°22	24°37	2°40	29°56	17°30	15°39	2° 0	8°R 9	7°35	29°50	n.a.	T 21
F 22	15 16 8	19° 2'08	19°48	1♉31	4°20	25°18	2°33	29°53	17°34	15°38	2° 0	8° 8	7°32	29°57	n.a.	F 22
S 23	15 20 5	19°59'11	1♐44	3°16	5°18	26° 0	2°26	29°50	17°37	15°36	2° 0	8° 8	7°29	0♏ 3	n.a.	S 23
S 24	15 24 1	20°56'14	13°47	5° 4	6°16	26°41	2°19	29°47	17°41	15°35	2° 0	8° 6	7°26	0°10	n.a.	S 24
M25	15 27 58	21°53'17	26° 0	6°55	7°13	27°21	2°12	29°44	17°44	15°34	1°59	8° 4	7°23	0°17	n.a.	M25
T 26	15 31 54	22°50'21	8♑24	8°49	8° 9	28° 2	2° 6	29°41	17°48	15°33	1°59	8° 2	7°19	0°23	n.a.	T 26
W27	15 35 51	23°47'25	21° 1	10°45	9° 5	28°43	1°59	29°38	17°52	15°31	1°59	8° 0	7°16	0°30	n.a.	W27
T 28	15 39 47	24°44'29	3♒55	12°43	10° 1	29°24	1°52	29°35	17°55	15°30	1°58	7°59	7°13	0°36	n.a.	T 28
F 29	15 43 44	25°41'33	17° 6	14°44	10°56	0♉ 5	1°46	29°32	17°59	15°29	1°58	7°58	7°10	0°43	n.a.	F 29
S 30	15 47 41	26°38'38	0♓36	16°47	11°51	0°45	1°40	29°29	18° 2	15°28	1°58	7°D58	7° 7	0°50	n.a.	S 30
S 31	15 51 37	27♉35'44	14♓28	18♉52	12♋45	1♉26	1♏33	29♐25	18♉ 6	15♎27	1♒57	7♉58	7♉ 4	0♏56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n19	23s50	5s17	0s 2	3s30	25n21	2n40	3n50	0s31	12s29	1n 2	23s49	0n 1	16n51	0s 9	4s31	2n 6	33s30	13s52	14n27	14n37	9s53		n.a.
S 2	11 39	19 36	5 9	0n 8	3 32	25 30	2 40	4 8	0 31	12 27	1 2	23 49	0 1	16 52	0 8	4 30	2 6	33 30	13 52	14 27	14 36	9 56		n.a.
S 3	12 0	14 12	4 43	0 21	3 33	25 38	2 41	4 25	0 30	12 24	1 2	23 49	0 1	16 53	0 8	4 30	2 6	33 30	13 52	14 27	14 35	9 59		n.a.
M 4	12 20	7 53	3 59	0 36	3 33	25 45	2 41	4 42	0 30	12 22	1 2	23 49	0 1	16 54	0 8	4 29	2 6	33 31	13 53	14 26	14 34	10 2		n.a.
T 5	12 40	0 59	2 57	0 54	3 31	25 52	2 41	4 59	0 29	12 19	1 2	23 49	0 1	16 55	0 8	4 29	2 6	33 31	13 53	14 26	14 33	10 6		n.a.
W 6	13 0	6n 6	1 42	1 14	3 30	25 58	2 41	5 16	0 28	12 17	1 2	23 49	0 1	16 57	0 8	4 28	2 6	33 31	13 53	14 26	14 32	10 9		n.a.
T 7	13 19	12 55	0 20	1 36	3 27	26 3	2 41	5 33	0 28	12 14	1 2	23 49	0 1	16 58	0 8	4 27	2 6	33 32	13 54	14 26	14 31	10 12		n.a.
F 8	13 39	18 57	1n 4	2 1	3 23	26 8	2 41	5 50	0 27	12 12	1 2	23 49	0 1	16 59	0 8	4 27	2 6	33 32	13 54	14 26	14 30	10 15		n.a.
S 9	13 58	23 44	2 22	2 28	3 19	26 12	2 40	6 7	0 27	12 9	1 1	23 49	0 1	17 0	0 8	4 26	2 6	33 32	13 55	14 26	14 29	10 18		n.a.
S 10	14 17	26 52	3 29	2 56	3 14	26 16	2 40	6 24	0 26	12 7	1 1	23 49	0 1	17 1	0 8	4 26	2 6	33 33	13 55	14 26	14 28	10 22		n.a.
M11	14 36	28 9	4 22	3 27	3 8	26 19	2 39	6 40	0 26	12 4	1 1	23 50	0 1	17 2	0 8	4 25	2 6	33 33	13 55	14 26	14 27	10 25		n.a.
T 12	14 54	27 36	4 57	3 59	3 2	26 21	2 38	6 57	0 25	12 2	1 1	23 50	0 0	17 3	0 8	4 25	2 6	33 33	13 56	14 26	14 26	10 28		n.a.
W13	15 12	25 28	5 15	4 34	2 55	26 23	2 38	7 14	0 24	11 59	1 1	23 50	0 0	17 4	0 8	4 24	2 6	33 34	13 56	14 26	14 25	10 31		n.a.
T 14	15 31	22 4	5 16	5 10	2 47	26 23	2 36	7 30	0 24	11 57	1 1	23 50	0 0	17 5	0 8	4 24	2 6	33 34	13 56	14 26	14 24	10 34		n.a.
F 15	15 48	17 43	5 2	5 47	2 39	26 24	2 35	7 47	0 23	11 54	1 1	23 50	0 0	17 6	0 8	4 23	2 5	33 34	13 57	14 26	14 23	10 38		n.a.
S 16	16 6	12 45	4 34	6 26	2 30	26 23	2 34	8 3	0 23	11 52	1 0	23 50	0 0	17 7	0 8	4 23	2 5	33 35	13 57	14 26	14 21	10 41		n.a.
S 17	16 23	7 23	3 55	7 7	2 21	26 22	2 32	8 19	0 22	11 50	1 0	23 50	0s 0	17 8	0 8	4 22	2 5	33 35	13 57	14 26	14 20	10 44		n.a.
M18	16 40	1 49	3 5	7 49	2 11	26 21	2 31	8 35	0 21	11 47	1 0	23 50	0 0	17 9	0 8	4 22	2 5	33 35	13 58	14 27	14 19	10 47		n.a.
T 19	16 57	3s47	2 8	8 32	2 1	26 18	2 29	8 51	0 21	11 45	1 0	23 50	0 0	17 10	0 8	4 21	2 5	33 36	13 58	14 27	14 18	10 50		n.a.
W20	17 14	9 14	1 6	9 17	1 51	26 16	2 27	9 7	0 20	11 42	1 0	23 50	0 0	17 11	0 8	4 21	2 5	33 36	13 59	14 27	14 17	10 54		n.a.
T 21	17 30	14 22	0 1	10 2	1 40	26 12	2 25	9 23	0 20	11 40	1 0	23 50	0 0	17 12	0 8	4 20	2 5	33 37	13 59	14 27	14 16	10 57		n.a.
F 22	17 46	19 0	1s 4	10 48	1 29	26 8	2 22	9 39	0 19	11 38	0 59	23 51	0 0	17 13	0 8	4 20	2 5	33 37	13 59	14 27	14 15	11 0		n.a.
S 23	18 2	22 55	2 7	11 35	1 18	26 3	2 20	9 55	0 18	11 36	0 59	23 51	0 1	17 14	0 8	4 19	2 5	33 37	14 0	14 27	14 14	11 3		n.a.
S 24	18 17	25 53	3 5	12 23	1 6	25 58	2 17	10 10	0 18	11 33	0 59	23 51	0 1	17 15	0 8	4 19	2 5	33 38	14 0	14 26	14 13	11 6		n.a.
M25	18 32	27 41	3 55	13 11	0 55	25 52	2 14	10 26	0 17	11 31	0 59	23 51	0 1	17 16	0 8	4 18	2 5	33 38	14 0	14 26	14 12	11 10		n.a.
T 26	18 47	28 8	4 35	13 59	0 43	25 46	2 11	10 41	0 17	11 29	0 59	23 51	0 1	17 17	0 8	4 18	2 5	33 39	14 1	14 25	14 11	11 13		n.a.
W27	19 2	27 8	5 2	14 48	0 31	25 39	2 8	10 57	0 16	11 27	0 58	23 51	0 1	17 18	0 8	4 17	2 5	33 39	14 1	14 24	14 10	11 16		n.a.
T 28	19 16	24 41	5 15	15 36	0 20	25 32	2 5	11 12	0 15	11 25	0 58	23 51	0 1	17 19	0 8	4 17	2 5	33 39	14 1	14 24	14 9	11 19		n.a.
F 29	19 30	20 54	5 12	16 23	0 8	25 24	2 1	11 27	0 15	11 23	0 58	23 51	0 1	17 20	0 8	4 17	2 5	33 40	14 2	14 24	14 8	11 22		n.a.
S 30	19 44	15 58	4 52	17 10	0n 3	25 15	1 58	11 42	0 14	11 21	0 58	23 51	0 1	17 21	0 8	4 16	2 5	33 40	14 2	14 24	14 7	11 25		n.a.
S 31	19n57	10s 6	4s14	17n56	0n14	25n 6	1n54	11n57	0s14	11s19	0n57	23s51	0s 1	17n22	0s 8	4s16	2n 5	33s41	14s 2	14n24	14n 6	11s29		n.a.

Julian Day Number = 1297488.5, Delta T = 07h53m28s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'47, Lahiri = -19°58'46 Julian Calendar 1 May 1161 BCE == Greg. Calendar 20 Apr. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

JUNE 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 55 34	28♉32'50	28♓41	20♉58	13♋39	2♉ 7	1°R27	29°R22	18♉ 9	15°R26	1°R57	7♉59	7♉ 0	1♏ 3	n.a.	M 1
T 2	15 59 30	29°29'57	13♈13	23° 5	14°32	2°47	1♏21	29♐18	18°13	15♎25	1♒56	8° 1	6°57	1°10	n.a.	T 2
W 3	16 3 27	0♊27'04	28° 1	25°13	15°24	3°28	1°15	29°15	18°16	15°24	1°56	8° 2	6°54	1°16	n.a.	W 3
T 4	16 7 23	1°24'12	12♉59	27°21	16°16	4° 8	1°10	29°11	18°20	15°23	1°55	8°R 2	6°51	1°23	n.a.	T 4
F 5	16 11 20	2°21'21	27°59	29°30	17° 7	4°48	1° 4	29° 7	18°23	15°22	1°55	8° 1	6°48	1°30	n.a.	F 5
S 6	16 15 17	3°18'30	12♊54	1♊39	17°58	5°29	0°59	29° 3	18°27	15°21	1°54	7°59	6°44	1°36	n.a.	S 6
S 7	16 19 13	4°15'40	27°34	3°48	18°48	6° 9	0°53	29° 0	18°30	15°20	1°54	7°55	6°41	1°43	n.a.	S 7
M 8	16 23 10	5°12'50	11♋53	5°56	19°37	6°49	0°48	28°56	18°34	15°19	1°53	7°52	6°38	1°50	n.a.	M 8
T 9	16 27 6	6°10'00	25°47	8° 3	20°26	7°29	0°43	28°52	18°37	15°18	1°53	7°48	6°35	1°56	n.a.	T 9
W10	16 31 3	7° 7'11	9♌14	10°10	21°13	8° 9	0°38	28°48	18°41	15°17	1°52	7°45	6°32	2° 3	n.a.	W10
T 11	16 34 59	8° 4'22	22°15	12°15	22° 0	8°49	0°33	28°44	18°44	15°16	1°51	7°42	6°29	2°10	n.a.	T 11
F 12	16 38 56	9° 1'34	4♍53	14°19	22°46	9°29	0°29	28°40	18°48	15°16	1°51	7°D41	6°25	2°16	n.a.	F 12
S 13	16 42 52	9°58'46	17°11	16°22	23°32	10° 9	0°24	28°36	18°51	15°15	1°50	7°41	6°22	2°23	n.a.	S 13
S 14	16 46 49	10°55'58	29°15	18°24	24°16	10°49	0°20	28°32	18°55	15°14	1°49	7°42	6°19	2°29	n.a.	S 14
M15	16 50 46	11°53'11	11♎ 8	20°24	25° 0	11°29	0°16	28°27	18°58	15°13	1°49	7°44	6°16	2°36	n.a.	M15
T 16	16 54 42	12°50'24	22°57	22°22	25°42	12° 9	0°12	28°23	19° 1	15°13	1°48	7°46	6°13	2°43	n.a.	T 16
W17	16 58 39	13°47'38	4♏44	24°19	26°24	12°49	0° 8	28°19	19° 5	15°12	1°47	7°R47	6°10	2°49	n.a.	W17
T 18	17 2 35	14°44'53	16°35	26°14	27° 4	13°28	0° 5	28°15	19° 8	15°11	1°46	7°46	6° 6	2°56	n.a.	T 18
F 19	17 6 32	15°42'09	28°32	28° 7	27°44	14° 8	0° 1	28°10	19°11	15°11	1°46	7°44	6° 3	3° 3	n.a.	F 19
S 20	17 10 28	16°39'25	10♐38	29°59	28°22	14°47	29♎58	28° 6	19°15	15°10	1°45	7°40	6° 0	3° 9	n.a.	S 20
S 21	17 14 25	17°36'43	22°54	1♋49	28°59	15°27	29°55	28° 2	19°18	15°10	1°44	7°35	5°57	3°16	n.a.	S 21
M22	17 18 22	18°34'02	5♑22	3°38	29°35	16° 6	29°52	27°57	19°21	15° 9	1°43	7°28	5°54	3°23	n.a.	M22
T 23	17 22 18	19°31'21	18° 3	5°25	0♌10	16°46	29°49	27°53	19°24	15° 9	1°42	7°21	5°50	3°29	n.a.	T 23
W24	17 26 15	20°28'42	0♒56	7°10	0°44	17°25	29°47	27°49	19°28	15° 8	1°42	7°14	5°47	3°36	n.a.	W24
T 25	17 30 11	21°26'04	14° 3	8°53	1°16	18° 5	29°44	27°44	19°31	15° 8	1°41	7° 8	5°44	3°43	n.a.	T 25
F 26	17 34 8	22°23'27	27°23	10°35	1°46	18°44	29°42	27°40	19°34	15° 7	1°40	7° 4	5°41	3°49	n.a.	F 26
S 27	17 38 4	23°20'52	10♓57	12°16	2°16	19°23	29°40	27°35	19°37	15° 7	1°39	7° 1	5°38	3°56	n.a.	S 27
S 28	17 42 1	24°18'18	24°45	13°54	2°43	20° 2	29°38	27°31	19°40	15° 7	1°38	7°D 0	5°35	4° 3	n.a.	S 28
M29	17 45 57	25°15'46	8♈47	15°31	3°10	20°41	29°37	27°26	19°43	15° 6	1°37	7° 1	5°31	4° 9	n.a.	M29
T 30	17 49 54	26♊13'15	23♈ 3	17♋ 7	3♌34	21♉20	29♎35	27♐22	19♉46	15♎ 6	1♒36	7♉ 2	5♉28	4♏16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n10	3s35	3s20	18n41	0n24	24n56	1n50	12n12	0s13	11s17	0n57	23s51	0s 1	17n23	0s 8	4s16	2n 5	33s41	14s 3	14n24	14n 5	11s32		n.a.
T 2	20 23	3n16	2 13	19 24	0 34	24 46	1 45	12 27	0 12	11 15	0 57	23 51	0 2	17 24	0 8	4 15	2 5	33 42	14 3	14 25	14 4	11 35		n.a.
W 3	20 35	10 5	0 55	20 6	0 44	24 36	1 41	12 41	0 12	11 13	0 57	23 52	0 2	17 25	0 8	4 15	2 5	33 42	14 3	14 25	14 3	11 38		n.a.
T 4	20 47	16 26	0n27	20 45	0 53	24 25	1 36	12 56	0 11	11 11	0 57	23 52	0 2	17 26	0 8	4 14	2 5	33 42	14 4	14 25	14 1	11 41		n.a.
F 5	20 59	21 47	1 48	21 23	1 2	24 14	1 31	13 10	0 10	11 9	0 56	23 52	0 2	17 27	0 8	4 14	2 5	33 43	14 4	14 25	14 0	11 44		n.a.
S 6	21 10	25 42	3 0	21 58	1 10	24 2	1 26	13 25	0 10	11 8	0 56	23 52	0 2	17 28	0 8	4 14	2 4	33 43	14 4	14 24	13 59	11 48		n.a.
S 7	21 21	27 48	3 59	22 31	1 17	23 50	1 21	13 39	0 9	11 6	0 56	23 52	0 2	17 29	0 8	4 13	2 4	33 44	14 5	14 23	13 58	11 51		n.a.
M 8	21 31	27 59	4 42	23 2	1 24	23 37	1 15	13 53	0 9	11 4	0 56	23 52	0 2	17 30	0 8	4 13	2 4	33 44	14 5	14 22	13 57	11 54		n.a.
T 9	21 42	26 21	5 7	23 29	1 30	23 24	1 10	14 7	0 8	11 3	0 55	23 52	0 2	17 31	0 8	4 13	2 4	33 45	14 5	14 20	13 56	11 57		n.a.
W10	21 51	23 16	5 13	23 54	1 35	23 11	1 4	14 21	0 7	11 1	0 55	23 52	0 2	17 32	0 8	4 13	2 4	33 45	14 6	14 19	13 55	12 0		n.a.
T 11	22 1	19 5	5 4	24 17	1 39	22 57	0 58	14 34	0 7	11 0	0 55	23 52	0 2	17 33	0 8	4 12	2 4	33 46	14 6	14 18	13 54	12 3		n.a.
F 12	22 10	14 11	4 39	24 36	1 43	22 43	0 51	14 48	0 6	10 59	0 55	23 52	0 2	17 34	0 8	4 12	2 4	33 46	14 6	14 18	13 53	12 7		n.a.
S 13	22 19	8 51	4 2	24 53	1 46	22 29	0 45	15 1	0 5	10 57	0 54	23 52	0 3	17 35	0 8	4 12	2 4	33 47	14 7	14 18	13 52	12 10		n.a.
S 14	22 27	3 17	3 15	25 8	1 49	22 14	0 38	15 15	0 5	10 56	0 54	23 52	0 3	17 36	0 8	4 12	2 4	33 47	14 7	14 19	13 51	12 13		n.a.
M15	22 35	2s20	2 21	25 19	1 51	21 59	0 31	15 28	0 4	10 55	0 54	23 52	0 3	17 37	0 8	4 11	2 4	33 47	14 7	14 19	13 50	12 16		n.a.
T 16	22 43	7 50	1 20	25 28	1 52	21 44	0 23	15 41	0 3	10 54	0 54	23 52	0 3	17 38	0 8	4 11	2 4	33 48	14 7	14 20	13 49	12 19		n.a.
W17	22 50	13 3	0 17	25 35	1 52	21 29	0 16	15 54	0 3	10 52	0 53	23 52	0 3	17 39	0 8	4 11	2 4	33 48	14 8	14 20	13 48	12 22		n.a.
T 18	22 57	17 50	0s48	25 39	1 52	21 13	0 8	16 7	0 2	10 51	0 53	23 52	0 3	17 40	0 8	4 11	2 4	33 49	14 8	14 20	13 47	12 25		n.a.
F 19	23 3	21 58	1 51	25 41	1 51	20 57	0s 0	16 19	0 1	10 50	0 53	23 52	0 3	17 41	0 8	4 11	2 4	33 49	14 8	14 19	13 46	12 29		n.a.
S 20	23 9	25 12	2 49	25 40	1 50	20 41	0 9	16 32	0 1	10 50	0 53	23 52	0 3	17 42	0 8	4 10	2 4	33 50	14 9	14 18	13 44	12 32		n.a.
S 21	23 15	27 19	3 41	25 38	1 48	20 25	0 17	16 44	0 0	10 49	0 52	23 53	0 3	17 43	0 8	4 10	2 4	33 50	14 9	14 16	13 43	12 35		n.a.
M22	23 20	28 5	4 22	25 33	1 46	20 9	0 26	16 56	0n 1	10 48	0 52	23 53	0 3	17 44	0 8	4 10	2 4	33 51	14 9	14 14	13 42	12 38		n.a.
T 23	23 25	27 25	4 52	25 26	1 43	19 53	0 35	17 9	0 1	10 47	0 52	23 53	0 4	17 44	0 8	4 10	2 3	33 51	14 9	14 12	13 41	12 41		n.a.
W24	23 29	25 16	5 7	25 18	1 40	19 36	0 44	17 21	0 2	10 46	0 52	23 53	0 4	17 45	0 8	4 10	2 3	33 52	14 10	14 9	13 40	12 44		n.a.
T 25	23 33	21 46	5 7	25 7	1 36	19 20	0 54	17 32	0 3	10 46	0 51	23 53	0 4	17 46	0 8	4 10	2 3	33 52	14 10	14 7	13 39	12 47		n.a.
F 26	23 37	17 6	4 50	24 55	1 31	19 3	1 4	17 44	0 3	10 45	0 51	23 53	0 4	17 47	0 8	4 10	2 3	33 53	14 10	14 6	13 38	12 50		n.a.
S 27	23 40	11 31	4 17	24 42	1 27	18 47	1 14	17 56	0 4	10 45	0 51	23 53	0 4	17 48	0 8	4 10	2 3	33 53	14 10	14 5	13 37	12 54		n.a.
S 28	23 43	5 18	3 28	24 27	1 21	18 30	1 24	18 7	0 5	10 44	0 51	23 53	0 4	17 49	0 8	4 10	2 3	33 54	14 11	14 5	13 36	12 57		n.a.
M29	23 45	1n18	2 26	24 10	1 16	18 14	1 35	18 18	0 5	10 44	0 50	23 53	0 4	17 50	0 8	4 9	2 3	33 54	14 11	14 5	13 35	13 0		n.a.
T 30	23n47	7n57	1s15	23n52	1n10	17n58	1s46	18n29	0n 6	10s44	0n50	23s53	0s 4	17n50	0s 8	4s 9	2n 3	33s54	14s11	14n 5	13n34	13s 3		n.a.

Julian Day Number = 1297519.5, Delta T = 07h53m26s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'43, Lahiri = -19°58'42 Julian Calendar 1 June 1161 BCE == Greg. Calendar 21 May 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

JULY 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 53 51	27♊10'46	7♉30	18♋41	3♌57	21♉59	29°R34	27°R17	19♉49	15°R 6	1°R35	7°R 3	5♉25	4♏22	n.a.	W 1
T 2	17 57 47	28° 8'18	22° 7	20°13	4°19	22°38	29♎33	27♐13	19°52	15♎ 6	1♒34	7♉ 2	5°22	4°29	n.a.	T 2
F 3	18 1 44	29° 5'52	6♊47	21°44	4°38	23°17	29°32	27° 8	19°55	15° 5	1°33	6°59	5°19	4°36	n.a.	F 3
S 4	18 5 40	0♋ 3'28	21°25	23°13	4°56	23°56	29°31	27° 4	19°58	15° 5	1°32	6°53	5°16	4°42	n.a.	S 4
S 5	18 9 37	1° 1'05	5♋53	24°40	5°12	24°35	29°30	26°59	20° 1	15° 5	1°31	6°46	5°12	4°49	n.a.	S 5
M 6	18 13 33	1°58'43	20° 5	26° 6	5°26	25°14	29°30	26°55	20° 4	15° 5	1°30	6°37	5° 9	4°56	n.a.	M 6
T 7	18 17 30	2°56'22	3♌56	27°30	5°38	25°52	29°D30	26°50	20° 7	15° 5	1°29	6°28	5° 6	5° 2	n.a.	T 7
W 8	18 21 27	3°54'03	17°23	28°52	5°47	26°31	29°30	26°46	20°10	15°D 5	1°28	6°20	5° 3	5° 9	n.a.	W 8
T 9	18 25 23	4°51'45	0♍26	0♌13	5°55	27°10	29°30	26°42	20°13	15° 5	1°27	6°13	5° 0	5°16	n.a.	T 9
F 10	18 29 20	5°49'29	13° 5	1°31	6° 1	27°48	29°31	26°37	20°15	15° 5	1°26	6° 9	4°56	5°22	n.a.	F 10
S 11	18 33 16	6°47'13	25°24	2°48	6° 4	28°27	29°31	26°33	20°18	15° 5	1°24	6° 6	4°53	5°29	n.a.	S 11
S 12	18 37 13	7°44'59	7♎28	4° 3	6°R 5	29° 5	29°32	26°28	20°21	15° 5	1°23	6°D 5	4°50	5°36	n.a.	S 12
M13	18 41 9	8°42'46	19°21	5°16	6° 4	29°44	29°33	26°24	20°23	15° 5	1°22	6° 6	4°47	5°42	n.a.	M13
T 14	18 45 6	9°40'34	1♏10	6°27	6° 0	0♊22	29°34	26°20	20°26	15° 6	1°21	6°R 6	4°44	5°49	n.a.	T 14
W15	18 49 2	10°38'24	12°58	7°36	5°54	1° 0	29°35	26°16	20°29	15° 6	1°20	6° 6	4°41	5°55	n.a.	W15
T 16	18 52 59	11°36'16	24°52	8°42	5°45	1°38	29°37	26°11	20°31	15° 6	1°19	6° 4	4°37	6° 2	n.a.	T 16
F 17	18 56 55	12°34'09	6♐55	9°46	5°34	2°16	29°39	26° 7	20°34	15° 6	1°18	6° 0	4°34	6° 9	n.a.	F 17
S 18	19 0 52	13°32'03	19°11	10°48	5°21	2°55	29°40	26° 3	20°36	15° 7	1°16	5°54	4°31	6°15	n.a.	S 18
S 19	19 4 49	14°29'59	1♑41	11°47	5° 6	3°33	29°42	25°59	20°39	15° 7	1°15	5°45	4°28	6°22	n.a.	S 19
M20	19 8 45	15°27'57	14°27	12°44	4°48	4°11	29°45	25°55	20°41	15° 7	1°14	5°34	4°25	6°29	n.a.	M20
T 21	19 12 42	16°25'57	27°29	13°38	4°28	4°49	29°47	25°51	20°44	15° 8	1°13	5°22	4°22	6°35	n.a.	T 21
W22	19 16 38	17°23'58	10♒44	14°28	4° 5	5°26	29°50	25°47	20°46	15° 8	1°12	5°11	4°18	6°42	n.a.	W22
T 23	19 20 35	18°22'01	24°12	15°15	3°41	6° 4	29°53	25°43	20°48	15° 9	1°10	5° 0	4°15	6°49	n.a.	T 23
F 24	19 24 31	19°20'06	7♓51	15°59	3°14	6°42	29°55	25°39	20°50	15° 9	1° 9	4°52	4°12	6°55	n.a.	F 24
S 25	19 28 28	20°18'14	21°38	16°40	2°46	7°20	29°59	25°35	20°53	15°10	1° 8	4°47	4° 9	7° 2	n.a.	S 25
S 26	19 32 24	21°16'23	5♈32	17°16	2°16	7°57	0♏ 2	25°31	20°55	15°10	1° 7	4°44	4° 6	7° 9	n.a.	S 26
M27	19 36 21	22°14'34	19°33	17°48	1°44	8°35	0° 5	25°27	20°57	15°11	1° 5	4°D44	4° 2	7°15	n.a.	M27
T 28	19 40 18	23°12'48	3♉39	18°16	1°12	9°13	0° 9	25°24	20°59	15°12	1° 4	4°R44	3°59	7°22	n.a.	T 28
W29	19 44 14	24°11'04	17°51	18°39	0°37	9°50	0°13	25°20	21° 1	15°12	1° 3	4°43	3°56	7°29	n.a.	W29
T 30	19 48 11	25° 9'23	2♊ 5	18°57	0° 2	10°28	0°17	25°16	21° 3	15°13	1° 2	4°41	3°53	7°35	n.a.	T 30
F 31	19 52 7	26♋ 7'43	16♊21	19♌ 9	29♋27	11♊ 5	0♏21	25♐13	21♉ 5	15♎14	1♒ 1	4♉37	3♉50	7♏42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	14n17	0n 2	23n33	1n 4	17n41	1s57	18n40	0n 7	10s44	0n50	23s53	0s 4	17n51	0s 8	4s 9	2n 3	33s55	14s11	14n 5	13n33	13s 6			n.a.
T 2	23 49	19 53	1 20	23 13	0 57	17 25	2 8	18 51	0 7	10 43	0 49	23 53	0 4	17 52	0 8	4 9	2 3	33 55	14 12	14 5	13 32	13 9			n.a.
F 3	23 50	24 19	2 33	22 52	0 50	17 9	2 20	19 2	0 8	10 43	0 49	23 53	0 4	17 53	0 8	4 9	2 3	33 56	14 12	14 4	13 30	13 12			n.a.
S 4	23 50	27 8	3 35	22 30	0 43	16 53	2 32	19 12	0 9	10 43	0 49	23 53	0 5	17 54	0 8	4 9	2 3	33 56	14 12	14 2	13 29	13 15			n.a.
S 5	23 50	28 5	4 23	22 7	0 35	16 38	2 44	19 23	0 9	10 43	0 49	23 53	0 5	17 55	0 8	4 9	2 3	33 57	14 12	14 0	13 28	13 18			n.a.
M 6	23 49	27 8	4 53	21 43	0 27	16 23	2 56	19 33	0 10	10 44	0 48	23 53	0 5	17 55	0 8	4 9	2 3	33 57	14 12	13 57	13 27	13 22			n.a.
T 7	23 48	24 31	5 5	21 19	0 19	16 7	3 9	19 43	0 11	10 44	0 48	23 53	0 5	17 56	0 8	4 9	2 3	33 58	14 13	13 54	13 26	13 25			n.a.
W 8	23 47	20 37	5 0	20 54	0 10	15 53	3 22	19 53	0 12	10 44	0 48	23 53	0 5	17 57	0 8	4 10	2 2	33 58	14 13	13 51	13 25	13 28			n.a.
T 9	23 45	15 50	4 39	20 28	0 2	15 38	3 35	20 3	0 12	10 44	0 48	23 53	0 5	17 58	0 8	4 10	2 2	33 59	14 13	13 49	13 24	13 31			n.a.
F 10	23 42	10 31	4 5	20 2	0s 7	15 24	3 48	20 12	0 13	10 45	0 47	23 53	0 5	17 58	0 8	4 10	2 2	33 59	14 13	13 47	13 23	13 34			n.a.
S 11	23 39	4 54	3 20	19 36	0 16	15 11	4 1	20 22	0 14	10 45	0 47	23 53	0 5	17 59	0 8	4 10	2 2	33 59	14 13	13 46	13 22	13 37			n.a.
S 12	23 36	0s46	2 27	19 9	0 25	14 57	4 14	20 31	0 14	10 46	0 47	23 52	0 5	18 0	0 8	4 10	2 2	34 0	14 14	13 46	13 21	13 40			n.a.
M13	23 33	6 20	1 28	18 42	0 35	14 45	4 28	20 40	0 15	10 46	0 47	23 52	0 5	18 1	0 8	4 10	2 2	34 0	14 14	13 46	13 20	13 43			n.a.
T 14	23 28	11 39	0 26	18 15	0 45	14 32	4 41	20 49	0 16	10 47	0 46	23 52	0 5	18 1	0 8	4 10	2 2	34 1	14 14	13 47	13 19	13 46			n.a.
W15	23 24	16 34	0s37	17 48	0 54	14 21	4 55	20 58	0 16	10 48	0 46	23 52	0 6	18 2	0 8	4 10	2 2	34 1	14 14	13 46	13 18	13 49			n.a.
T 16	23 19	20 53	1 38	17 21	1 4	14 10	5 8	21 7	0 17	10 48	0 46	23 52	0 6	18 3	0 8	4 10	2 2	34 2	14 14	13 46	13 16	13 52			n.a.
F 17	23 14	24 24	2 36	16 54	1 14	13 59	5 22	21 15	0 18	10 49	0 46	23 52	0 6	18 3	0 8	4 11	2 2	34 2	14 14	13 45	13 15	13 55			n.a.
S 18	23 8	26 51	3 28	16 27	1 25	13 49	5 35	21 23	0 19	10 50	0 45	23 52	0 6	18 4	0 8	4 11	2 2	34 3	14 15	13 42	13 14	13 58			n.a.
S 19	23 2	28 0	4 11	16 1	1 35	13 40	5 49	21 32	0 19	10 51	0 45	23 52	0 6	18 5	0 8	4 11	2 2	34 3	14 15	13 39	13 13	14 2			n.a.
M20	22 55	27 42	4 42	15 35	1 45	13 32	6 2	21 39	0 20	10 52	0 45	23 52	0 6	18 5	0 8	4 11	2 2	34 3	14 15	13 36	13 12	14 5			n.a.
T 21	22 48	25 53	4 59	15 10	1 55	13 24	6 15	21 47	0 21	10 53	0 44	23 52	0 6	18 6	0 8	4 11	2 2	34 4	14 15	13 32	13 11	14 8			n.a.
W22	22 41	22 38	5 0	14 45	2 6	13 17	6 27	21 55	0 21	10 54	0 44	23 52	0 6	18 7	0 8	4 12	2 1	34 4	14 15	13 28	13 10	14 11			n.a.
T 23	22 33	18 8	4 45	14 22	2 16	13 11	6 39	22 2	0 22	10 56	0 44	23 52	0 6	18 7	0 8	4 12	2 1	34 5	14 15	13 24	13 9	14 14			n.a.
F 24	22 25	12 40	4 14	13 59	2 26	13 5	6 51	22 10	0 23	10 57	0 44	23 52	0 6	18 8	0 8	4 12	2 1	34 5	14 15	13 22	13 8	14 17			n.a.
S 25	22 16	6 32	3 27	13 37	2 36	13 1	7 3	22 17	0 24	10 58	0 43	23 52	0 6	18 9	0 8	4 12	2 1	34 5	14 15	13 20	13 7	14 20			n.a.
S 26	22 7	0 1	2 28	13 17	2 46	12 57	7 13	22 24	0 24	11 0	0 43	23 52	0 7	18 9	0 8	4 13	2 1	34 6	14 15	13 19	13 6	14 23			n.a.
M27	21 58	6n33	1 20	12 57	2 56	12 54	7 24	22 31	0 25	11 1	0 43	23 52	0 7	18 10	0 8	4 13	2 1	34 6	14 16	13 19	13 4	14 26			n.a.
T 28	21 48	12 51	0 6	12 40	3 6	12 51	7 33	22 37	0 26	11 3	0 43	23 52	0 7	18 10	0 8	4 13	2 1	34 7	14 16	13 19	13 3	14 29			n.a.
W29	21 38	18 32	1n 9	12 24	3 15	12 50	7 42	22 44	0 27	11 4	0 42	23 52	0 7	18 11	0 8	4 14	2 1	34 7	14 16	13 18	13 2	14 32			n.a.
T 30	21 27	23 12	2 19	12 10	3 24	12 49	7 50	22 50	0 27	11 6	0 42	23 52	0 7	18 11	0 8	4 14	2 1	34 7	14 16	13 18	13 1	14 35			n.a.
F 31	21n16	26n27	3n21	11n58	3s32	12n49	7s58	22n56	0n28	11s 8	0n42	23s52	0s 7	18n12	0s 8	4s14	2n 1	34s 8	14s16	13n16	13n 0	14s38			n.a.

Julian Day Number = 1297549.5, Delta T = 07h53m25s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'39, Lahiri = -19°58'38 Julian Calendar 1 July 1161 BCE == Greg. Calendar 20 June 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

AUGUST 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 4	27♋ 6'06	0♋34	19♌16	28°R50	11♊42	0♏25	25°R 9	21♉ 7	15♎14	0°R59	4°R29	3♉47	7♏48	n.a.	S 1
S 2	20 0 0	28° 4'31	14°40	19°R18	28♋14	12°20	0°30	25♐ 6	21° 9	15°15	0♒58	4♉19	3°43	7°55	n.a.	S 2
M 3	20 3 57	29° 2'58	28°34	19°12	27°37	12°57	0°35	25° 3	21°11	15°16	0°57	4° 7	3°40	8° 2	n.a.	M 3
T 4	20 7 53	0♌ 1'27	12♌11	19° 1	27° 0	13°34	0°40	24°59	21°13	15°17	0°56	3°54	3°37	8° 8	n.a.	T 4
W 5	20 11 50	0°59'58	25°29	18°43	26°24	14°11	0°45	24°56	21°14	15°18	0°54	3°43	3°34	8°15	n.a.	W 5
T 6	20 15 47	1°58'30	8♍25	18°18	25°49	14°48	0°50	24°53	21°16	15°19	0°53	3°32	3°31	8°22	n.a.	T 6
F 7	20 19 43	2°57'05	21° 1	17°46	25°14	15°25	0°55	24°50	21°18	15°20	0°52	3°25	3°28	8°28	n.a.	F 7
S 8	20 23 40	3°55'42	3♎19	17° 7	24°41	16° 2	1° 1	24°47	21°19	15°21	0°50	3°20	3°24	8°35	n.a.	S 8
S 9	20 27 36	4°54'20	15°22	16°23	24° 8	16°39	1° 6	24°44	21°21	15°22	0°49	3°17	3°21	8°42	n.a.	S 9
M10	20 31 33	5°53'00	27°16	15°32	23°38	17°16	1°12	24°41	21°22	15°23	0°48	3°17	3°18	8°48	n.a.	M10
T 11	20 35 29	6°51'42	9♏ 4	14°37	23° 8	17°52	1°18	24°38	21°24	15°24	0°47	3°17	3°15	8°55	n.a.	T 11
W12	20 39 26	7°50'26	20°53	13°37	22°41	18°29	1°24	24°36	21°25	15°25	0°45	3°16	3°12	9° 2	n.a.	W12
T 13	20 43 22	8°49'12	2♐49	12°34	22°15	19° 6	1°31	24°33	21°27	15°26	0°44	3°14	3° 8	9° 8	n.a.	T 13
F 14	20 47 19	9°48'00	14°56	11°29	21°52	19°42	1°37	24°31	21°28	15°27	0°43	3°10	3° 5	9°15	n.a.	F 14
S 15	20 51 16	10°46'49	27°18	10°24	21°31	20°19	1°44	24°28	21°29	15°28	0°42	3° 3	3° 2	9°22	n.a.	S 15
S 16	20 55 12	11°45'41	9♑59	9°20	21°12	20°55	1°50	24°26	21°30	15°29	0°41	2°54	2°59	9°28	n.a.	S 16
M17	20 59 9	12°44'35	23° 0	8°19	20°55	21°32	1°57	24°24	21°32	15°31	0°39	2°43	2°56	9°35	n.a.	M17
T 18	21 3 5	13°43'30	6♒20	7°23	20°41	22° 8	2° 4	24°22	21°33	15°32	0°38	2°31	2°53	9°41	n.a.	T 18
W19	21 7 2	14°42'28	19°59	6°33	20°29	22°44	2°11	24°20	21°34	15°33	0°37	2°18	2°49	9°48	n.a.	W19
T 20	21 10 58	15°41'28	3♓53	5°51	20°19	23°20	2°19	24°18	21°35	15°35	0°36	2° 8	2°46	9°55	n.a.	T 20
F 21	21 14 55	16°40'30	17°57	5°17	20°12	23°56	2°26	24°16	21°36	15°36	0°35	1°59	2°43	10° 1	n.a.	F 21
S 22	21 18 51	17°39'35	2♈ 6	4°52	20° 8	24°32	2°34	24°14	21°37	15°37	0°33	1°54	2°40	10° 8	n.a.	S 22
S 23	21 22 48	18°38'42	16°19	4°37	20°D 5	25° 8	2°42	24°12	21°37	15°39	0°32	1°51	2°37	10°15	n.a.	S 23
M24	21 26 44	19°37'51	0♉30	4°D33	20° 6	25°44	2°49	24°11	21°38	15°40	0°31	1°D50	2°34	10°21	n.a.	M24
T 25	21 30 41	20°37'03	14°39	4°39	20° 8	26°20	2°57	24° 9	21°39	15°42	0°30	1°R50	2°30	10°28	n.a.	T 25
W26	21 34 38	21°36'17	28°44	4°55	20°13	26°56	3° 6	24° 8	21°40	15°43	0°29	1°50	2°27	10°35	n.a.	W26
T 27	21 38 34	22°35'35	12♊45	5°21	20°20	27°31	3°14	24° 6	21°40	15°45	0°27	1°48	2°24	10°41	n.a.	T 27
F 28	21 42 31	23°34'54	26°40	5°57	20°30	28° 7	3°22	24° 5	21°41	15°46	0°26	1°44	2°21	10°48	n.a.	F 28
S 29	21 46 27	24°34'16	10♋28	6°42	20°41	28°43	3°31	24° 4	21°42	15°48	0°25	1°38	2°18	10°55	n.a.	S 29
S 30	21 50 24	25°33'41	24° 8	7°35	20°55	29°18	3°39	24° 3	21°42	15°49	0°24	1°29	2°14	11° 1	n.a.	S 30
M31	21 54 20	26♌33'07	7♌37	8♌35	21♋11	29♊54	3♏48	24♐ 2	21♉42	15♎51	0♒23	1♉18	2♉11	11♏ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 5	28n 0	4n10	11n48	3s40	12n50	8s 4	23n 2	0n29	11s 9	0n42	23s52	0s 7	18n12	0s 8	4s15	2n 1	34s 8	14s16	13n14	12n59	14s41		n.a.
S 2	20 53	27 42	4 43	11 41	3 47	12 51	8 10	23 8	0 30	11 11	0 41	23 52	0 7	18 13	0 8	4 15	2 1	34 8	14 16	13 10	12 58	14 44		n.a.
M 3	20 41	25 40	4 59	11 37	3 53	12 54	8 15	23 14	0 30	11 13	0 41	23 52	0 7	18 13	0 8	4 15	2 1	34 9	14 16	13 6	12 57	14 47		n.a.
T 4	20 29	22 10	4 57	11 36	3 59	12 57	8 19	23 19	0 31	11 15	0 41	23 52	0 7	18 14	0 8	4 16	2 1	34 9	14 16	13 2	12 56	14 50		n.a.
W 5	20 16	17 37	4 39	11 37	4 3	13 0	8 22	23 24	0 32	11 17	0 41	23 52	0 7	18 14	0 8	4 16	2 1	34 9	14 16	12 58	12 55	14 53		n.a.
T 6	20 3	12 21	4 7	11 42	4 6	13 5	8 24	23 30	0 33	11 19	0 41	23 52	0 7	18 15	0 8	4 17	2 0	34 10	14 16	12 54	12 54	14 56		n.a.
F 7	19 49	6 44	3 24	11 50	4 8	13 10	8 25	23 35	0 33	11 21	0 40	23 51	0 8	18 15	0 8	4 17	2 0	34 10	14 16	12 51	12 52	14 59		n.a.
S 8	19 35	0 58	2 31	12 2	4 8	13 15	8 25	23 39	0 34	11 24	0 40	23 51	0 8	18 16	0 8	4 18	2 0	34 10	14 16	12 50	12 51	15 2		n.a.
S 9	19 21	4s43	1 33	12 17	4 6	13 21	8 25	23 44	0 35	11 26	0 40	23 51	0 8	18 16	0 8	4 18	2 0	34 11	14 16	12 49	12 50	15 5		n.a.
M10	19 7	10 10	0 32	12 35	4 3	13 28	8 24	23 48	0 36	11 28	0 40	23 51	0 8	18 17	0 8	4 18	2 0	34 11	14 16	12 49	12 49	15 8		n.a.
T 11	18 52	15 14	0s31	12 57	3 57	13 34	8 21	23 53	0 36	11 30	0 39	23 51	0 8	18 17	0 8	4 19	2 0	34 11	14 16	12 49	12 48	15 11		n.a.
W12	18 37	19 45	1 32	13 21	3 50	13 42	8 18	23 57	0 37	11 33	0 39	23 51	0 8	18 17	0 8	4 19	2 0	34 12	14 16	12 48	12 47	15 14		n.a.
T 13	18 21	23 31	2 30	13 48	3 40	13 49	8 15	24 1	0 38	11 35	0 39	23 51	0 8	18 18	0 8	4 20	2 0	34 12	14 16	12 48	12 46	15 17		n.a.
F 14	18 5	26 18	3 21	14 17	3 29	13 57	8 10	24 4	0 39	11 38	0 39	23 51	0 8	18 18	0 8	4 20	2 0	34 12	14 16	12 46	12 45	15 20		n.a.
S 15	17 49	27 53	4 5	14 47	3 15	14 6	8 5	24 8	0 40	11 40	0 38	23 51	0 8	18 18	0 8	4 21	2 0	34 12	14 16	12 44	12 44	15 23		n.a.
S 16	17 33	28 4	4 37	15 19	3 0	14 14	7 59	24 11	0 40	11 43	0 38	23 51	0 8	18 19	0 8	4 21	2 0	34 13	14 16	12 41	12 42	15 26		n.a.
M17	17 16	26 42	4 57	15 51	2 44	14 23	7 53	24 15	0 41	11 45	0 38	23 51	0 8	18 19	0 8	4 22	2 0	34 13	14 16	12 37	12 41	15 29		n.a.
T 18	16 59	23 50	5 0	16 23	2 26	14 32	7 46	24 18	0 42	11 48	0 38	23 51	0 8	18 19	0 8	4 23	2 0	34 13	14 16	12 33	12 40	15 32		n.a.
W19	16 41	19 35	4 47	16 54	2 7	14 41	7 39	24 21	0 43	11 51	0 38	23 51	0 9	18 20	0 8	4 23	2 0	34 13	14 16	12 28	12 39	15 35		n.a.
T 20	16 24	14 13	4 16	17 23	1 48	14 50	7 31	24 23	0 44	11 53	0 37	23 51	0 9	18 20	0 8	4 24	2 0	34 14	14 16	12 25	12 38	15 38		n.a.
F 21	16 6	8 3	3 30	17 50	1 28	14 59	7 23	24 26	0 44	11 56	0 37	23 51	0 9	18 20	0 8	4 24	2 0	34 14	14 16	12 22	12 37	15 41		n.a.
S 22	15 48	1 27	2 31	18 15	1 8	15 8	7 15	24 28	0 45	11 59	0 37	23 51	0 9	18 20	0 8	4 25	1 59	34 14	14 16	12 20	12 36	15 44		n.a.
S 23	15 29	5n16	1 21	18 38	0 49	15 17	7 6	24 31	0 46	12 2	0 37	23 51	0 9	18 21	0 8	4 25	1 59	34 14	14 16	12 19	12 35	15 47		n.a.
M24	15 10	11 43	0 7	18 57	0 30	15 26	6 57	24 33	0 47	12 5	0 36	23 51	0 9	18 21	0 8	4 26	1 59	34 15	14 16	12 18	12 34	15 50		n.a.
T 25	14 51	17 34	1n 8	19 13	0 12	15 35	6 48	24 35	0 48	12 8	0 36	23 51	0 9	18 21	0 8	4 27	1 59	34 15	14 15	12 18	12 33	15 53		n.a.
W26	14 32	22 27	2 18	19 26	0n 5	15 43	6 38	24 36	0 49	12 11	0 36	23 51	0 9	18 21	0 8	4 27	1 59	34 15	14 15	12 18	12 31	15 56		n.a.
T 27	14 13	26 0	3 19	19 35	0 21	15 52	6 28	24 38	0 49	12 14	0 36	23 51	0 9	18 21	0 8	4 28	1 59	34 15	14 15	12 18	12 30	15 59		n.a.
F 28	13 53	27 56	4 9	19 40	0 35	16 0	6 18	24 39	0 50	12 17	0 36	23 51	0 9	18 22	0 8	4 29	1 59	34 15	14 15	12 16	12 29	16 2		n.a.
S 29	13 33	28 7	4 43	19 42	0 49	16 8	6 9	24 41	0 51	12 20	0 35	23 51	0 9	18 22	0 8	4 29	1 59	34 15	14 15	12 14	12 28	16 5		n.a.
S 30	13 13	26 34	5 0	19 40	1 1	16 16	5 59	24 42	0 52	12 23	0 35	23 51	0 9	18 22	0 8	4 30	1 59	34 16	14 15	12 11	12 27	16 8		n.a.
M31	12n52	23n31	5n 1	19n34	1n12	16n24	5s48	24n43	0n53	12s27	0n35	23s51	0s 9	18n22	0s 8	4s31	1n59	34s16	14s15	12n 7	12n26	16s11		n.a.

Julian Day Number = 1297580.5, Delta T = 07h53m23s
Ecliptic obliquity = 23°50'05, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'34, Lahiri = -19°58'34 Julian Calendar 1 Aug. 1161 BCE == Greg. Calendar 21 July 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

SEPTEMBER 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 58 17	27♌32'36	20♌52	9♌43	21♋28	0♋29	3♏57	24°R 1	21♉43	15♎53	0°R22	1°R 7	2♉ 8	11♏15	n.a.	T 1
W 2	22 2 13	28°32'07	3♍52	10°56	21°48	1° 4	4° 6	24♐ 1	21°43	15°54	0♒21	0♉56	2° 5	11°21	n.a.	W 2
T 3	22 6 10	29°31'41	16°36	12°14	22°10	1°39	4°15	24° 0	21°43	15°56	0°20	0°47	2° 2	11°28	n.a.	T 3
F 4	22 10 7	0♍31'16	29° 3	13°38	22°33	2°14	4°25	24° 0	21°44	15°58	0°19	0°40	1°59	11°34	n.a.	F 4
S 5	22 14 3	1°30'53	11♎16	15° 5	22°58	2°49	4°34	23°59	21°44	15°59	0°18	0°35	1°55	11°41	n.a.	S 5
S 6	22 18 0	2°30'33	23°16	16°35	23°25	3°24	4°44	23°59	21°44	16° 1	0°17	0°33	1°52	11°48	n.a.	S 6
M 7	22 21 56	3°30'14	5♏ 8	18° 8	23°53	3°59	4°53	23°59	21°44	16° 3	0°16	0°D33	1°49	11°54	n.a.	M 7
T 8	22 25 53	4°29'57	16°55	19°44	24°23	4°34	5° 3	23°58	21°R44	16° 5	0°15	0°34	1°46	12° 1	n.a.	T 8
W 9	22 29 49	5°29'43	28°44	21°21	24°55	5° 9	5°13	23°D58	21°44	16° 6	0°14	0°35	1°43	12° 8	n.a.	W 9
T 10	22 33 46	6°29'30	10♐38	22°59	25°28	5°43	5°23	23°59	21°44	16° 8	0°13	0°R35	1°40	12°14	n.a.	T 10
F 11	22 37 42	7°29'19	22°45	24°39	26° 2	6°18	5°33	23°59	21°44	16°10	0°12	0°33	1°36	12°21	n.a.	F 11
S 12	22 41 39	8°29'10	5♑ 8	26°20	26°38	6°52	5°43	23°59	21°44	16°12	0°11	0°30	1°33	12°28	n.a.	S 12
S 13	22 45 35	9°29'02	17°51	28° 1	27°15	7°26	5°53	23°59	21°43	16°14	0°10	0°24	1°30	12°34	n.a.	S 13
M14	22 49 32	10°28'57	0♒59	29°43	27°53	8° 1	6° 4	24° 0	21°43	16°16	0° 9	0°17	1°27	12°41	n.a.	M14
T 15	22 53 29	11°28'53	14°31	1♍25	28°33	8°35	6°14	24° 1	21°43	16°18	0° 8	0° 9	1°24	12°48	n.a.	T 15
W16	22 57 25	12°28'52	28°26	3° 6	29°13	9° 9	6°25	24° 1	21°42	16°20	0° 7	0° 1	1°20	12°54	n.a.	W16
T 17	23 1 22	13°28'52	12♓40	4°48	29°55	9°43	6°35	24° 2	21°42	16°21	0° 6	29♈53	1°17	13° 1	n.a.	T 17
F 18	23 5 18	14°28'54	27° 9	6°30	0♌38	10°17	6°46	24° 3	21°41	16°23	0° 5	29°48	1°14	13° 8	n.a.	F 18
S 19	23 9 15	15°28'59	11♈46	8°12	1°22	10°50	6°57	24° 4	21°41	16°25	0° 5	29°44	1°11	13°14	n.a.	S 19
S 20	23 13 11	16°29'05	26°24	9°53	2° 7	11°24	7° 8	24° 5	21°40	16°27	0° 4	29°D43	1° 8	13°21	n.a.	S 20
M21	23 17 8	17°29'14	10♉58	11°34	2°53	11°58	7°19	24° 6	21°39	16°29	0° 3	29°43	1° 5	13°27	n.a.	M21
T 22	23 21 4	18°29'25	25°22	13°14	3°40	12°31	7°30	24° 8	21°39	16°32	0° 2	29°44	1° 1	13°34	n.a.	T 22
W23	23 25 1	19°29'38	9♊35	14°54	4°28	13° 5	7°41	24° 9	21°38	16°34	0° 1	29°46	0°58	13°41	n.a.	W23
T 24	23 28 57	20°29'54	23°34	16°34	5°17	13°38	7°53	24°11	21°37	16°36	0° 1	29°R46	0°55	13°47	n.a.	T 24
F 25	23 32 54	21°30'12	7♋19	18°14	6° 7	14°11	8° 4	24°12	21°36	16°38	0° 0	29°45	0°52	13°54	n.a.	F 25
S 26	23 36 51	22°30'32	20°51	19°53	6°57	14°44	8°16	24°14	21°35	16°40	29♑59	29°42	0°49	14° 1	n.a.	S 26
S 27	23 40 47	23°30'54	4♌ 9	21°31	7°49	15°17	8°27	24°16	21°34	16°42	29°59	29°37	0°45	14° 7	n.a.	S 27
M28	23 44 44	24°31'19	17°14	23° 9	8°41	15°50	8°39	24°18	21°33	16°44	29°58	29°32	0°42	14°14	n.a.	M28
T 29	23 48 40	25°31'45	0♍ 6	24°47	9°33	16°23	8°51	24°20	21°32	16°46	29°57	29°25	0°39	14°21	n.a.	T 29
W30	23 52 37	26♍32'13	12♍45	26♍24	10♌27	16♋55	9♏ 3	24♐22	21♉31	16♎48	29♑57	29♈20	0♉36	14♏27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n32	19n16	4n45	19n25	1n22	16n31	5s38	24n44	0n54	12s30	0n35	23s51	0s10	18n22	0s 8	4s31	1n59	34s16	14s15	12n 3	12n25	16s14		n.a.
W 2	12 11	14 12	4 15	19 13	1 30	16 38	5 28	24 44	0 54	12 33	0 35	23 51	0 10	18 22	0 8	4 32	1 59	34 16	14 15	11 59	12 24	16 16		n.a.
T 3	11 50	8 37	3 32	18 58	1 37	16 45	5 18	24 45	0 55	12 37	0 34	23 51	0 10	18 22	0 8	4 33	1 59	34 16	14 14	11 56	12 23	16 19		n.a.
F 4	11 28	2 49	2 40	18 39	1 43	16 51	5 8	24 45	0 56	12 40	0 34	23 52	0 10	18 22	0 8	4 33	1 59	34 16	14 14	11 53	12 21	16 22		n.a.
S 5	11 7	2s59	1 41	18 18	1 48	16 57	4 57	24 45	0 57	12 43	0 34	23 52	0 10	18 22	0 8	4 34	1 59	34 16	14 14	11 52	12 20	16 25		n.a.
S 6	10 45	8 35	0 39	17 54	1 52	17 3	4 47	24 45	0 58	12 47	0 34	23 52	0 10	18 22	0 8	4 35	1 59	34 17	14 14	11 51	12 19	16 28		n.a.
M 7	10 23	13 50	0s25	17 28	1 55	17 8	4 37	24 45	0 59	12 50	0 34	23 52	0 10	18 22	0 8	4 36	1 59	34 17	14 14	11 51	12 18	16 31		n.a.
T 8	10 1	18 33	1 27	16 59	1 57	17 13	4 27	24 45	1 0	12 54	0 33	23 52	0 10	18 22	0 8	4 36	1 59	34 17	14 14	11 51	12 17	16 34		n.a.
W 9	9 39	22 34	2 26	16 29	1 58	17 17	4 17	24 44	1 1	12 57	0 33	23 52	0 10	18 22	0 8	4 37	1 59	34 17	14 13	11 52	12 16	16 37		n.a.
T 10	9 17	25 41	3 19	15 56	1 58	17 21	4 7	24 44	1 1	13 1	0 33	23 52	0 10	18 22	0 8	4 38	1 58	34 17	14 13	11 52	12 15	16 40		n.a.
F 11	8 54	27 41	4 3	15 22	1 58	17 24	3 57	24 43	1 2	13 4	0 33	23 52	0 10	18 22	0 8	4 39	1 58	34 17	14 13	11 51	12 14	16 43		n.a.
S 12	8 31	28 22	4 38	14 46	1 57	17 27	3 47	24 42	1 3	13 8	0 33	23 52	0 10	18 22	0 8	4 39	1 58	34 17	14 13	11 50	12 12	16 46		n.a.
S 13	8 9	27 35	5 0	14 9	1 55	17 30	3 38	24 41	1 4	13 12	0 33	23 52	0 10	18 22	0 8	4 40	1 58	34 17	14 13	11 48	12 11	16 48		n.a.
M14	7 46	25 16	5 7	13 31	1 53	17 32	3 28	24 40	1 5	13 15	0 32	23 52	0 10	18 22	0 8	4 41	1 58	34 17	14 13	11 45	12 10	16 51		n.a.
T 15	7 22	21 29	4 58	12 52	1 50	17 33	3 19	24 39	1 6	13 19	0 32	23 52	0 11	18 22	0 8	4 42	1 58	34 17	14 12	11 43	12 9	16 54		n.a.
W16	6 59	16 26	4 31	12 11	1 47	17 34	3 9	24 38	1 7	13 23	0 32	23 52	0 11	18 22	0 8	4 42	1 58	34 17	14 12	11 40	12 8	16 57		n.a.
T 17	6 36	10 23	3 47	11 30	1 43	17 34	3 0	24 36	1 8	13 26	0 32	23 53	0 11	18 22	0 8	4 43	1 58	34 17	14 12	11 37	12 7	17 0		n.a.
F 18	6 12	3 42	2 47	10 49	1 40	17 34	2 51	24 34	1 9	13 30	0 32	23 53	0 11	18 22	0 8	4 44	1 58	34 17	14 12	11 35	12 6	17 3		n.a.
S 19	5 49	3n16	1 36	10 6	1 35	17 34	2 42	24 32	1 10	13 34	0 31	23 53	0 11	18 22	0 8	4 45	1 58	34 17	14 12	11 34	12 5	17 6		n.a.
S 20	5 25	10 4	0 18	9 23	1 31	17 32	2 33	24 31	1 11	13 38	0 31	23 53	0 11	18 21	0 8	4 46	1 58	34 17	14 11	11 33	12 4	17 9		n.a.
M21	5 1	16 19	1n 1	8 40	1 26	17 30	2 24	24 28	1 12	13 41	0 31	23 53	0 11	18 21	0 8	4 46	1 58	34 17	14 11	11 33	12 2	17 11		n.a.
T 22	4 38	21 36	2 15	7 56	1 21	17 28	2 15	24 26	1 13	13 45	0 31	23 53	0 11	18 21	0 8	4 47	1 58	34 17	14 11	11 34	12 1	17 14		n.a.
W23	4 14	25 32	3 20	7 12	1 15	17 25	2 6	24 24	1 13	13 49	0 31	23 53	0 11	18 21	0 8	4 48	1 58	34 17	14 11	11 34	12 0	17 17		n.a.
T 24	3 50	27 52	4 11	6 27	1 10	17 21	1 58	24 21	1 14	13 53	0 31	23 53	0 11	18 21	0 8	4 49	1 58	34 17	14 10	11 34	11 59	17 20		n.a.
F 25	3 25	28 25	4 48	5 43	1 4	17 17	1 49	24 19	1 15	13 57	0 30	23 54	0 11	18 20	0 8	4 50	1 58	34 17	14 10	11 34	11 58	17 23		n.a.
S 26	3 1	27 15	5 7	4 58	0 58	17 12	1 41	24 16	1 16	14 1	0 30	23 54	0 11	18 20	0 8	4 51	1 58	34 17	14 10	11 33	11 57	17 26		n.a.
S 27	2 37	24 33	5 10	4 13	0 52	17 7	1 33	24 13	1 17	14 5	0 30	23 54	0 11	18 20	0 8	4 51	1 58	34 17	14 10	11 31	11 56	17 29		n.a.
M28	2 13	20 37	4 56	3 28	0 46	17 1	1 25	24 11	1 18	14 9	0 30	23 54	0 11	18 20	0 8	4 52	1 58	34 17	14 9	11 29	11 54	17 31		n.a.
T 29	1 48	15 47	4 28	2 43	0 40	16 55	1 17	24 7	1 19	14 13	0 30	23 54	0 11	18 19	0 8	4 53	1 58	34 16	14 9	11 27	11 53	17 34		n.a.
W30	1n24	10n22	3n47	1n58	0n33	16n48	1s10	24n 4	1n20	14s17	0n30	23s54	0s12	18n19	0s 8	4s54	1n58	34s16	14s 9	11n25	11n52	17s37		n.a.

Julian Day Number = 1297611.5, Delta T = 07h53m22s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'30, Lahiri = -19°58'30 Julian Calendar 1 Sept. 1161 BCE == Greg. Calendar 21 Aug. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

OCTOBER 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 33	27♍32'43	25♍12	28♍ 1	11♌21	17♋28	9♏14	24♐24	21°R30	16♎50	29°R56	29°R15	0♉33	14♏34	n.a.	T 1
F 2	0 0 30	28°33'15	7♎26	29°38	12°16	18° 0	9°26	24°26	21♉28	16°53	29♑56	29♈11	0°30	14°41	n.a.	F 2
S 3	0 4 26	29°33'48	19°30	1♎14	13°11	18°33	9°38	24°29	21°27	16°55	29°55	29° 9	0°26	14°47	n.a.	S 3
S 4	0 8 23	0♎34'23	1♏26	2°50	14° 7	19° 5	9°51	24°31	21°26	16°57	29°55	29°D 9	0°23	14°54	n.a.	S 4
M 5	0 12 20	1°35'00	13°15	4°25	15° 4	19°37	10° 3	24°34	21°25	16°59	29°54	29° 9	0°20	15° 1	n.a.	M 5
T 6	0 16 16	2°35'38	25° 2	6° 0	16° 1	20° 9	10°15	24°37	21°23	17° 1	29°54	29°11	0°17	15° 7	n.a.	T 6
W 7	0 20 13	3°36'18	6♐49	7°35	16°59	20°40	10°27	24°39	21°22	17° 4	29°53	29°13	0°14	15°14	n.a.	W 7
T 8	0 24 9	4°36'59	18°43	9°10	17°57	21°12	10°40	24°42	21°20	17° 6	29°53	29°14	0°11	15°21	n.a.	T 8
F 9	0 28 6	5°37'42	0♑47	10°44	18°56	21°44	10°52	24°45	21°19	17° 8	29°52	29°R15	0° 7	15°27	n.a.	F 9
S 10	0 32 2	6°38'26	13° 6	12°18	19°55	22°15	11° 5	24°48	21°17	17°10	29°52	29°15	0° 4	15°34	n.a.	S 10
S 11	0 35 59	7°39'11	25°46	13°52	20°55	22°46	11°17	24°52	21°15	17°12	29°52	29°14	0° 1	15°40	n.a.	S 11
M12	0 39 55	8°39'57	8♒50	15°25	21°55	23°17	11°30	24°55	21°14	17°15	29°51	29°12	29♈58	15°47	n.a.	M12
T 13	0 43 52	9°40'45	22°20	16°59	22°56	23°48	11°43	24°58	21°12	17°17	29°51	29°10	29°55	15°54	n.a.	T 13
W14	0 47 49	10°41'33	6♓17	18°32	23°57	24°19	11°55	25° 2	21°10	17°19	29°51	29° 7	29°51	16° 0	n.a.	W14
T 15	0 51 45	11°42'23	20°40	20° 5	24°58	24°50	12° 8	25° 5	21° 8	17°21	29°51	29° 4	29°48	16° 7	n.a.	T 15
F 16	0 55 42	12°43'14	5♈23	21°38	26° 0	25°20	12°21	25° 9	21° 7	17°24	29°50	29° 3	29°45	16°14	n.a.	F 16
S 17	0 59 38	13°44'07	20°20	23°10	27° 2	25°51	12°34	25°12	21° 5	17°26	29°50	29° 2	29°42	16°20	n.a.	S 17
S 18	1 3 35	14°45'00	5♉22	24°43	28° 5	26°21	12°47	25°16	21° 3	17°28	29°50	29°D 2	29°39	16°27	n.a.	S 18
M19	1 7 31	15°45'56	20°21	26°15	29° 8	26°51	13° 0	25°20	21° 1	17°30	29°50	29° 2	29°36	16°34	n.a.	M19
T 20	1 11 28	16°46'53	5♊10	27°47	0♍12	27°21	13°13	25°24	20°59	17°33	29°50	29° 3	29°32	16°40	n.a.	T 20
W21	1 15 24	17°47'51	19°41	29°19	1°15	27°51	13°26	25°28	20°57	17°35	29°50	29° 4	29°29	16°47	n.a.	W21
T 22	1 19 21	18°48'51	3♋52	0♏51	2°20	28°20	13°39	25°32	20°55	17°37	29°49	29° 5	29°26	16°54	n.a.	T 22
F 23	1 23 18	19°49'52	17°41	2°22	3°24	28°50	13°53	25°36	20°53	17°39	29°49	29°R 5	29°23	17° 0	n.a.	F 23
S 24	1 27 14	20°50'55	1♌ 8	3°53	4°29	29°19	14° 6	25°41	20°51	17°42	29°49	29° 5	29°20	17° 7	n.a.	S 24
S 25	1 31 11	21°51'59	14°16	5°25	5°34	29°48	14°19	25°45	20°48	17°44	29°D49	29° 5	29°17	17°14	n.a.	S 25
M26	1 35 7	22°53'04	27° 5	6°55	6°39	0♌17	14°32	25°49	20°46	17°46	29°49	29° 4	29°13	17°20	n.a.	M26
T 27	1 39 4	23°54'11	9♍39	8°26	7°45	0°45	14°46	25°54	20°44	17°49	29°49	29° 3	29°10	17°27	n.a.	T 27
W28	1 43 0	24°55'18	22° 0	9°56	8°51	1°14	14°59	25°59	20°42	17°51	29°50	29° 2	29° 7	17°34	n.a.	W28
T 29	1 46 57	25°56'27	4♎10	11°26	9°57	1°42	15°13	26° 3	20°40	17°53	29°50	29° 2	29° 4	17°40	n.a.	T 29
F 30	1 50 53	26°57'37	16°12	12°55	11° 4	2°10	15°26	26° 8	20°37	17°55	29°50	29° 2	29° 1	17°47	n.a.	F 30
S 31	1 54 50	27♎58'48	28♎ 7	14♏24	12♍10	2♌38	15♏40	26♐13	20♉35	17♎57	29♑50	29°D 2	28♈57	17♏54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n 0	4n37	2n55	1n13	0n27	16n40	1s 2	24n 1	1n21	14s21	0n30	23s54	0s12	18n19	0s 8	4s55	1n58	34s16	14s 9	11n23	11n51	17s40			n.a.
F 2	0 35	1s13	1 56	0 28	0 21	16 32	0 55	23 58	1 22	14 25	0 29	23 55	0 12	18 18	0 8	4 56	1 58	34 16	14 8	11 22	11 50	17 43			n.a.
S 3	0 11	6 57	0 53	0s17	0 14	16 23	0 47	23 54	1 23	14 29	0 29	23 55	0 12	18 18	0 8	4 57	1 58	34 16	14 8	11 21	11 49	17 46			n.a.
S 4	0s14	12 22	0s13	1 2	0 8	16 13	0 40	23 51	1 24	14 33	0 29	23 55	0 12	18 18	0 8	4 57	1 58	34 16	14 8	11 21	11 48	17 48			n.a.
M 5	0 38	17 18	1 17	1 46	0 1	16 3	0 33	23 47	1 26	14 37	0 29	23 55	0 12	18 17	0 8	4 58	1 58	34 16	14 8	11 21	11 47	17 51			n.a.
T 6	1 3	21 34	2 18	2 30	0s 5	15 53	0 26	23 43	1 27	14 41	0 29	23 55	0 12	18 17	0 8	4 59	1 58	34 16	14 7	11 22	11 45	17 54			n.a.
W 7	1 27	24 58	3 13	3 14	0 12	15 41	0 20	23 39	1 28	14 45	0 29	23 55	0 12	18 17	0 8	5 0	1 58	34 15	14 7	11 23	11 44	17 57			n.a.
T 8	1 52	27 20	4 0	3 58	0 18	15 30	0 13	23 36	1 29	14 49	0 28	23 56	0 12	18 16	0 8	5 1	1 58	34 15	14 7	11 23	11 43	18 0			n.a.
F 9	2 16	28 28	4 38	4 42	0 25	15 17	0 7	23 32	1 30	14 53	0 28	23 56	0 12	18 16	0 8	5 2	1 58	34 15	14 7	11 23	11 42	18 2			n.a.
S 10	2 41	28 12	5 3	5 25	0 31	15 5	0 0	23 27	1 31	14 57	0 28	23 56	0 12	18 15	0 8	5 3	1 58	34 15	14 6	11 23	11 41	18 5			n.a.
S 11	3 5	26 30	5 15	6 8	0 38	14 51	0n 6	23 23	1 32	15 1	0 28	23 56	0 12	18 15	0 8	5 4	1 58	34 15	14 6	11 23	11 40	18 8			n.a.
M12	3 29	23 21	5 11	6 51	0 44	14 37	0 12	23 19	1 33	15 5	0 28	23 56	0 12	18 14	0 8	5 4	1 58	34 14	14 6	11 22	11 39	18 11			n.a.
T 13	3 54	18 52	4 50	7 33	0 50	14 23	0 18	23 15	1 34	15 10	0 28	23 57	0 12	18 14	0 8	5 5	1 58	34 14	14 5	11 21	11 38	18 14			n.a.
W14	4 18	13 15	4 12	8 15	0 56	14 8	0 23	23 10	1 35	15 14	0 28	23 57	0 12	18 14	0 8	5 6	1 58	34 14	14 5	11 20	11 36	18 16			n.a.
T 15	4 42	6 46	3 17	8 56	1 2	13 52	0 29	23 6	1 36	15 18	0 27	23 57	0 12	18 13	0 8	5 7	1 58	34 14	14 5	11 19	11 35	18 19			n.a.
F 16	5 6	0n14	2 7	9 37	1 8	13 36	0 35	23 1	1 38	15 22	0 27	23 57	0 13	18 13	0 8	5 8	1 58	34 14	14 5	11 19	11 34	18 22			n.a.
S 17	5 30	7 20	0 48	10 17	1 14	13 19	0 40	22 57	1 39	15 26	0 27	23 57	0 13	18 12	0 8	5 9	1 58	34 13	14 4	11 18	11 33	18 25			n.a.
S 18	5 54	14 5	0n35	10 57	1 20	13 2	0 45	22 52	1 40	15 30	0 27	23 58	0 13	18 12	0 8	5 10	1 58	34 13	14 4	11 18	11 32	18 27			n.a.
M19	6 18	19 59	1 56	11 37	1 25	12 45	0 50	22 47	1 41	15 34	0 27	23 58	0 13	18 11	0 8	5 11	1 58	34 13	14 4	11 19	11 31	18 30			n.a.
T 20	6 42	24 35	3 7	12 16	1 31	12 27	0 55	22 42	1 42	15 38	0 27	23 58	0 13	18 11	0 8	5 11	1 58	34 13	14 3	11 19	11 30	18 33			n.a.
W21	7 6	27 30	4 6	12 54	1 36	12 8	1 0	22 37	1 43	15 43	0 27	23 58	0 13	18 10	0 8	5 12	1 58	34 12	14 3	11 19	11 28	18 36			n.a.
T 22	7 29	28 34	4 47	13 32	1 41	11 49	1 4	22 32	1 45	15 47	0 27	23 58	0 13	18 10	0 8	5 13	1 58	34 12	14 3	11 20	11 27	18 38			n.a.
F 23	7 53	27 47	5 11	14 8	1 45	11 29	1 9	22 27	1 46	15 51	0 26	23 59	0 13	18 9	0 8	5 14	1 58	34 12	14 2	11 20	11 26	18 41			n.a.
S 24	8 16	25 23	5 17	14 45	1 50	11 9	1 13	22 22	1 47	15 55	0 26	23 59	0 13	18 8	0 8	5 15	1 58	34 11	14 2	11 20	11 25	18 44			n.a.
S 25	8 39	21 42	5 6	15 20	1 54	10 49	1 17	22 17	1 48	15 59	0 26	23 59	0 13	18 8	0 8	5 16	1 58	34 11	14 2	11 20	11 24	18 47			n.a.
M26	9 2	17 4	4 40	15 55	1 58	10 28	1 21	22 12	1 49	16 3	0 26	23 59	0 13	18 7	0 8	5 17	1 58	34 11	14 2	11 19	11 23	18 49			n.a.
T 27	9 25	11 47	4 1	16 28	2 2	10 7	1 25	22 7	1 51	16 7	0 26	23 59	0 13	18 7	0 8	5 18	1 58	34 11	14 1	11 19	11 22	18 52			n.a.
W28	9 48	6 9	3 12	17 1	2 6	9 45	1 29	22 2	1 52	16 11	0 26	24 0	0 13	18 6	0 8	5 18	1 58	34 10	14 1	11 19	11 20	18 55			n.a.
T 29	10 11	0 21	2 14	17 33	2 9	9 23	1 33	21 57	1 53	16 16	0 26	24 0	0 13	18 5	0 8	5 19	1 58	34 10	14 1	11 19	11 19	18 58			n.a.
F 30	10 33	5s23	1 11	18 3	2 11	9 1	1 36	21 52	1 55	16 20	0 25	24 0	0 13	18 5	0 8	5 20	1 58	34 10	14 0	11 19	11 18	19 0			n.a.
S 31	10s56	10s54	0n 5	18s33	2s14	8n38	1n39	21n46	1n56	16s24	0n25	24s 0	0s13	18n 4	0s 8	5s21	1n58	34s 9	14s 0	11n18	11n17	19s 3			n.a.

Julian Day Number = 1297641.5, Delta T = 07h53m20s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'26, Lahiri = -19°58'26 Julian Calendar 1 Oct. 1161 BCE == Greg. Calendar 20 Sept. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

NOVEMBER 1161 BCE (-1160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 58 47	28♎59'59	9♏58	15♏52	13♍17	3♌ 6	15♏53	26♐18	20°R33	18♎ 0	29♉50	29°R 2	28♈54	18♏ 0	n.a.	S 1
M 2	2 2 43	0♏ 1'11	21°45	17°19	14°25	3°33	16° 7	26°23	20♉30	18° 2	29°50	29♈ 2	28°51	18° 7	n.a.	M 2
T 3	2 6 40	1° 2'24	3♐33	18°45	15°32	4° 1	16°21	26°28	20°28	18° 4	29°51	29° 1	28°48	18°13	n.a.	T 3
W 4	2 10 36	2° 3'38	15°23	20°11	16°40	4°28	16°34	26°33	20°25	18° 6	29°51	29° 1	28°45	18°20	n.a.	W 4
T 5	2 14 33	3° 4'52	27°18	21°34	17°48	4°54	16°48	26°38	20°23	18° 9	29°51	29° 1	28°42	18°27	n.a.	T 5
F 6	2 18 29	4° 6'07	9♑22	22°57	18°56	5°21	17° 2	26°43	20°21	18°11	29°51	29° 0	28°38	18°33	n.a.	F 6
S 7	2 22 26	5° 7'22	21°40	24°17	20° 4	5°47	17°15	26°49	20°18	18°13	29°52	29° 0	28°35	18°40	n.a.	S 7
S 8	2 26 23	6° 8'37	4♒14	25°35	21°12	6°13	17°29	26°54	20°16	18°15	29°52	28°D59	28°32	18°47	n.a.	S 8
M 9	2 30 19	7° 9'52	17° 9	26°51	22°21	6°39	17°43	26°59	20°13	18°17	29°52	29° 0	28°29	18°53	n.a.	M 9
T 10	2 34 16	8°11'08	0♓29	28° 4	23°30	7° 5	17°57	27° 5	20°11	18°19	29°53	29° 0	28°26	19° 0	n.a.	T 10
W11	2 38 12	9°12'24	14°16	29°13	24°39	7°30	18°10	27°11	20° 8	18°22	29°53	29° 1	28°22	19° 7	n.a.	W11
T 12	2 42 9	10°13'39	28°30	0♐19	25°48	7°55	18°24	27°16	20° 6	18°24	29°54	29° 2	28°19	19°13	n.a.	T 12
F 13	2 46 5	11°14'55	13♈10	1°19	26°57	8°20	18°38	27°22	20° 3	18°26	29°54	29° 3	28°16	19°20	n.a.	F 13
S 14	2 50 2	12°16'11	28°10	2°15	28° 7	8°45	18°52	27°28	20° 1	18°28	29°55	29°R 3	28°13	19°27	n.a.	S 14
S 15	2 53 58	13°17'28	13♉22	3° 4	29°16	9° 9	19° 6	27°33	19°58	18°30	29°55	29° 3	28°10	19°33	n.a.	S 15
M16	2 57 55	14°18'44	28°38	3°47	0♎26	9°33	19°20	27°39	19°55	18°32	29°56	29° 2	28° 7	19°40	n.a.	M16
T 17	3 1 52	15°20'01	13♊46	4°22	1°36	9°57	19°33	27°45	19°53	18°34	29°56	29° 0	28° 3	19°47	n.a.	T 17
W18	3 5 48	16°21'19	28°39	4°48	2°46	10°20	19°47	27°51	19°50	18°36	29°57	28°57	28° 0	19°53	n.a.	W18
T 19	3 9 45	17°22'36	13♋ 8	5° 4	3°57	10°43	20° 1	27°57	19°48	18°38	29°58	28°55	27°57	20° 0	n.a.	T 19
F 20	3 13 41	18°23'54	27°10	5°R10	5° 7	11° 6	20°15	28° 3	19°45	18°40	29°58	28°53	27°54	20° 7	n.a.	F 20
S 21	3 17 38	19°25'12	10♌45	5° 5	6°17	11°29	20°29	28°10	19°42	18°42	29°59	28°52	27°51	20°13	n.a.	S 21
S 22	3 21 34	20°26'31	23°53	4°48	7°28	11°51	20°43	28°16	19°40	18°44	29°59	28°D52	27°48	20°20	n.a.	S 22
M23	3 25 31	21°27'50	6♍38	4°19	8°39	12°13	20°57	28°22	19°37	18°46	0♒ 0	28°52	27°44	20°27	n.a.	M23
T 24	3 29 28	22°29'08	19° 4	3°39	9°50	12°34	21°11	28°28	19°35	18°48	0° 1	28°54	27°41	20°33	n.a.	T 24
W25	3 33 24	23°30'27	1♎15	2°48	11° 1	12°56	21°25	28°35	19°32	18°50	0° 2	28°56	27°38	20°40	n.a.	W25
T 26	3 37 21	24°31'46	13°14	1°46	12°12	13°17	21°39	28°41	19°30	18°52	0° 3	28°57	27°35	20°47	n.a.	T 26
F 27	3 41 17	25°33'05	25° 7	0°37	13°23	13°37	21°53	28°47	19°27	18°54	0° 3	28°R58	27°32	20°53	n.a.	F 27
S 28	3 45 14	26°34'24	6♏56	29♏21	14°34	13°57	22° 6	28°54	19°24	18°56	0° 4	28°58	27°28	21° 0	n.a.	S 28
S 29	3 49 10	27°35'42	18°43	28° 2	15°46	14°17	22°20	29° 0	19°22	18°58	0° 5	28°56	27°25	21° 7	n.a.	S 29
M30	3 53 7	28♏37'01	0♐31	26♏41	16♎57	14♌36	22♏34	29♐ 7	19♉19	19♎ 0	0♒ 6	28♈53	27♈22	21♏13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s18	16s 0	1s 0	19s 1	2s16	8n15	1n43	21n41	1n57	16s28	0n25	24s 0	0s14	18n 4	0s 8	5s22	1n58	34s 9	14s 0	11n18	11n16	19s 6		n.a.
M 2	11 40	20 29	2 3	19 28	2 17	7 51	1 46	21 36	1 58	16 32	0 25	24 1	0 14	18 3	0 8	5 23	1 58	34 9	13 59	11 18	11 15	19 8		n.a.
T 3	12 2	24 10	3 0	19 54	2 18	7 27	1 49	21 31	2 0	16 36	0 25	24 1	0 14	18 2	0 8	5 24	1 58	34 8	13 59	11 18	11 14	19 11		n.a.
W 4	12 23	26 50	3 50	20 18	2 19	7 3	1 51	21 25	2 1	16 40	0 25	24 1	0 14	18 2	0 7	5 24	1 58	34 8	13 59	11 18	11 12	19 14		n.a.
T 5	12 45	28 19	4 30	20 41	2 19	6 39	1 54	21 20	2 2	16 44	0 25	24 1	0 14	18 1	0 7	5 25	1 58	34 8	13 58	11 18	11 11	19 16		n.a.
F 6	13 6	28 28	4 59	21 2	2 18	6 14	1 56	21 15	2 4	16 48	0 25	24 1	0 14	18 0	0 7	5 26	1 58	34 7	13 58	11 18	11 10	19 19		n.a.
S 7	13 27	27 14	5 15	21 21	2 16	5 49	1 59	21 9	2 5	16 52	0 25	24 2	0 14	18 0	0 7	5 27	1 58	34 7	13 58	11 18	11 9	19 22		n.a.
S 8	13 47	24 38	5 16	21 39	2 14	5 23	2 1	21 4	2 7	16 56	0 24	24 2	0 14	17 59	0 7	5 28	1 58	34 6	13 58	11 18	11 8	19 25		n.a.
M 9	14 8	20 44	5 2	21 54	2 11	4 58	2 3	20 59	2 8	17 0	0 24	24 2	0 14	17 58	0 7	5 29	1 58	34 6	13 57	11 18	11 7	19 27		n.a.
T 10	14 28	15 42	4 31	22 8	2 8	4 32	2 5	20 53	2 9	17 4	0 24	24 2	0 14	17 58	0 7	5 29	1 58	34 6	13 57	11 18	11 5	19 30		n.a.
W11	14 48	9 43	3 44	22 19	2 3	4 6	2 7	20 48	2 11	17 8	0 24	24 2	0 14	17 57	0 7	5 30	1 58	34 5	13 57	11 18	11 4	19 33		n.a.
T 12	15 8	3 4	2 42	22 28	1 57	3 40	2 9	20 43	2 12	17 12	0 24	24 3	0 14	17 56	0 7	5 31	1 58	34 5	13 56	11 19	11 3	19 35		n.a.
F 13	15 27	3n57	1 27	22 34	1 51	3 13	2 10	20 38	2 14	17 16	0 24	24 3	0 14	17 56	0 7	5 32	1 58	34 4	13 56	11 19	11 2	19 38		n.a.
S 14	15 46	10 55	0 5	22 38	1 43	2 46	2 12	20 33	2 15	17 20	0 24	24 3	0 14	17 55	0 7	5 33	1 58	34 4	13 56	11 19	11 1	19 40		n.a.
S 15	16 5	17 21	1n19	22 39	1 34	2 20	2 13	20 27	2 17	17 24	0 24	24 3	0 14	17 54	0 7	5 33	1 58	34 4	13 55	11 19	11 0	19 43		n.a.
M16	16 24	22 44	2 37	22 37	1 24	1 52	2 14	20 22	2 18	17 28	0 24	24 3	0 14	17 54	0 7	5 34	1 58	34 3	13 55	11 18	10 59	19 46		n.a.
T 17	16 42	26 31	3 43	22 33	1 12	1 25	2 16	20 17	2 20	17 32	0 23	24 3	0 15	17 53	0 7	5 35	1 58	34 3	13 55	11 18	10 57	19 48		n.a.
W18	17 0	28 23	4 33	22 25	0 59	0 58	2 17	20 12	2 21	17 36	0 23	24 4	0 15	17 52	0 7	5 36	1 58	34 2	13 55	11 17	10 56	19 51		n.a.
T 19	17 18	28 13	5 4	22 14	0 45	0 30	2 17	20 7	2 23	17 40	0 23	24 4	0 15	17 52	0 7	5 36	1 58	34 2	13 54	11 16	10 55	19 54		n.a.
F 20	17 35	26 14	5 16	22 0	0 29	0 3	2 18	20 2	2 24	17 44	0 23	24 4	0 15	17 51	0 7	5 37	1 58	34 2	13 54	11 15	10 54	19 56		n.a.
S 21	17 52	22 46	5 9	21 42	0 12	0s25	2 19	19 57	2 26	17 48	0 23	24 4	0 15	17 50	0 7	5 38	1 58	34 1	13 54	11 15	10 53	19 59		n.a.
S 22	18 9	18 16	4 46	21 21	0n 6	0 53	2 19	19 53	2 28	17 52	0 23	24 4	0 15	17 49	0 7	5 39	1 58	34 1	13 53	11 15	10 52	20 2		n.a.
M23	18 26	13 5	4 10	20 57	0 25	1 21	2 20	19 48	2 29	17 55	0 23	24 4	0 15	17 49	0 7	5 39	1 58	34 0	13 53	11 15	10 50	20 4		n.a.
T 24	18 42	7 29	3 23	20 30	0 45	1 49	2 20	19 43	2 31	17 59	0 23	24 5	0 15	17 48	0 7	5 40	1 58	34 0	13 53	11 16	10 49	20 7		n.a.
W25	18 57	1 44	2 27	20 1	1 5	2 17	2 20	19 39	2 32	18 3	0 23	24 5	0 15	17 47	0 7	5 41	1 58	33 59	13 53	11 16	10 48	20 9		n.a.
T 26	19 13	4s 0	1 26	19 29	1 25	2 45	2 20	19 34	2 34	18 7	0 22	24 5	0 15	17 47	0 7	5 42	1 58	33 59	13 52	11 17	10 47	20 12		n.a.
F 27	19 28	9 33	0 21	18 55	1 44	3 13	2 20	19 30	2 36	18 11	0 22	24 5	0 15	17 46	0 7	5 42	1 58	33 58	13 52	11 17	10 46	20 15		n.a.
S 28	19 43	14 44	0s44	18 21	2 3	3 41	2 20	19 25	2 37	18 14	0 22	24 5	0 15	17 45	0 7	5 43	1 58	33 58	13 52	11 17	10 45	20 17		n.a.
S 29	19 57	19 23	1 46	17 47	2 20	4 9	2 20	19 21	2 39	18 18	0 22	24 5	0 15	17 45	0 7	5 44	1 58	33 58	13 52	11 17	10 44	20 20		n.a.
M30	20s11	23s16	2s44	17s14	2n35	4s38	2n19	19n17	2n41	18s22	0n22	24s 5	0s15	17n44	0s 7	5s44	1n58	33s57	13s51	11n15	10n42	20s22		n.a.

Julian Day Number = 1297672.5, Delta T = 07h53m18s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'22, Lahiri = -19°58'21 Julian Calendar 1 Nov. 1161 BCE == Greg. Calendar 21 Oct. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1161 BCE
geocentric

DECEMBER 1161 BCE (-1160) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 3	29♏38'19	12♐23	25°R23	18♎ 9	14♌55	22♏48	29♐14	19°R17	19♎ 2	0♒ 7	28°R48	27♈19	21♏20	n.a.	T 1
W 2	4 1 0	0♐39'36	24°19	24♏ 7	19°20	15°14	23° 2	29°20	19♉14	19° 3	0° 8	28♈42	27°16	21°27	n.a.	W 2
T 3	4 4 57	1°40'53	6♑21	22°58	20°32	15°32	23°16	29°27	19°12	19° 5	0° 9	28°36	27°13	21°33	n.a.	T 3
F 4	4 8 53	2°42'10	18°33	21°57	21°44	15°50	23°30	29°34	19° 9	19° 7	0°10	28°30	27° 9	21°40	n.a.	F 4
S 5	4 12 50	3°43'25	0♒55	21° 4	22°56	16° 7	23°44	29°40	19° 7	19° 9	0°11	28°25	27° 6	21°47	n.a.	S 5
S 6	4 16 46	4°44'40	13°30	20°20	24° 8	16°24	23°57	29°47	19° 4	19°11	0°12	28°21	27° 3	21°53	n.a.	S 6
M 7	4 20 43	5°45'54	26°22	19°46	25°20	16°40	24°11	29°54	19° 2	19°12	0°13	28°19	27° 0	22° 0	n.a.	M 7
T 8	4 24 39	6°47'06	9♓34	19°22	26°32	16°56	24°25	0♑ 1	18°59	19°14	0°14	28°D18	26°57	22° 6	n.a.	T 8
W 9	4 28 36	7°48'18	23° 7	19° 7	27°44	17°12	24°39	0° 8	18°57	19°16	0°15	28°19	26°54	22°13	n.a.	W 9
T 10	4 32 33	8°49'29	7♈ 5	19°D 1	28°56	17°27	24°52	0°14	18°54	19°17	0°16	28°21	26°50	22°20	n.a.	T 10
F 11	4 36 29	9°50'38	21°28	19° 4	0♏ 8	17°41	25° 6	0°21	18°52	19°19	0°17	28°R22	26°47	22°26	n.a.	F 11
S 12	4 40 26	10°51'47	6♉13	19°14	1°20	17°55	25°20	0°28	18°50	19°20	0°18	28°22	26°44	22°33	n.a.	S 12
S 13	4 44 22	11°52'55	21°16	19°32	2°33	18° 9	25°34	0°35	18°47	19°22	0°19	28°20	26°41	22°40	n.a.	S 13
M14	4 48 19	12°54'01	6♊28	19°56	3°45	18°22	25°47	0°42	18°45	19°23	0°20	28°16	26°38	22°46	n.a.	M14
T 15	4 52 15	13°55'07	21°40	20°26	4°58	18°34	26° 1	0°49	18°43	19°25	0°21	28°10	26°34	22°53	n.a.	T 15
W16	4 56 12	14°56'12	6♋41	21° 2	6°10	18°46	26°14	0°56	18°41	19°26	0°23	28° 2	26°31	23° 0	n.a.	W16
T 17	5 0 8	15°57'16	21°23	21°43	7°23	18°58	26°28	1° 3	18°38	19°28	0°24	27°54	26°28	23° 6	n.a.	T 17
F 18	5 4 5	16°58'19	5♌38	22°28	8°35	19° 9	26°41	1°11	18°36	19°29	0°25	27°47	26°25	23°13	n.a.	F 18
S 19	5 8 2	17°59'21	19°24	23°18	9°48	19°19	26°55	1°18	18°34	19°31	0°26	27°42	26°22	23°20	n.a.	S 19
S 20	5 11 58	19° 0'23	2♍40	24°11	11° 1	19°29	27° 8	1°25	18°32	19°32	0°28	27°38	26°19	23°26	n.a.	S 20
M21	5 15 55	20° 1'23	15°30	25° 7	12°14	19°38	27°22	1°32	18°30	19°33	0°29	27°D36	26°15	23°33	n.a.	M21
T 22	5 19 51	21° 2'22	27°56	26° 7	13°26	19°46	27°35	1°39	18°28	19°35	0°30	27°37	26°12	23°40	n.a.	T 22
W23	5 23 48	22° 3'21	10♎ 5	27° 9	14°39	19°54	27°49	1°46	18°26	19°36	0°31	27°38	26° 9	23°46	n.a.	W23
T 24	5 27 44	23° 4'18	22° 1	28°14	15°52	20° 2	28° 2	1°53	18°24	19°37	0°33	27°R39	26° 6	23°53	n.a.	T 24
F 25	5 31 41	24° 5'15	3♏50	29°21	17° 5	20° 8	28°15	2° 1	18°22	19°39	0°34	27°39	26° 3	24° 0	n.a.	F 25
S 26	5 35 38	25° 6'10	15°36	0♐30	18°18	20°14	28°28	2° 8	18°20	19°40	0°35	27°37	26° 0	24° 6	n.a.	S 26
S 27	5 39 34	26° 7'05	27°24	1°41	19°31	20°19	28°41	2°15	18°18	19°41	0°37	27°32	25°56	24°13	n.a.	S 27
M28	5 43 31	27° 7'58	9♐15	2°54	20°44	20°24	28°55	2°22	18°16	19°42	0°38	27°25	25°53	24°20	n.a.	M28
T 29	5 47 27	28° 8'49	21°13	4° 8	21°57	20°28	29° 8	2°30	18°14	19°43	0°39	27°15	25°50	24°26	n.a.	T 29
W30	5 51 24	29° 9'40	3♑19	5°25	23°10	20°31	29°21	2°37	18°12	19°44	0°41	27° 4	25°47	24°33	n.a.	W30
T 31	5 55 20	0♑10'29	15♑34	6♐42	24♏23	20♌34	29♏34	2♑44	18♉11	19♎45	0♒42	26♈51	25♈44	24♏40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s24	26s13	3s36	16s42	2n48	5s 6	2n19	19n13	2n43	18s25	0n22	24s 5	0s15	17n43	0s 7	5s45	1n58	33s57	13s51	11n14	10n41	20s25			n.a.
W 2	20 38	28 0	4 18	16 14	2 59	5 34	2 18	19 9	2 44	18 29	0 22	24 6	0 16	17 42	0 7	5 46	1 58	33 56	13 51	11 12	10 40	20 27			n.a.
T 3	20 50	28 29	4 48	15 48	3 7	6 2	2 18	19 5	2 46	18 33	0 22	24 6	0 16	17 42	0 7	5 46	1 58	33 56	13 51	11 9	10 39	20 30			n.a.
F 4	21 3	27 35	5 7	15 27	3 13	6 30	2 17	19 1	2 48	18 36	0 22	24 6	0 16	17 41	0 7	5 47	1 58	33 55	13 50	11 7	10 38	20 33			n.a.
S 5	21 15	25 20	5 11	15 9	3 17	6 57	2 16	18 58	2 50	18 40	0 22	24 6	0 16	17 40	0 7	5 48	1 59	33 55	13 50	11 5	10 37	20 35			n.a.
S 6	21 26	21 50	5 1	14 56	3 19	7 25	2 15	18 54	2 52	18 43	0 22	24 6	0 16	17 40	0 7	5 48	1 59	33 54	13 50	11 4	10 35	20 38			n.a.
M 7	21 37	17 14	4 35	14 47	3 19	7 53	2 14	18 51	2 53	18 47	0 21	24 6	0 16	17 39	0 7	5 49	1 59	33 54	13 50	11 3	10 34	20 40			n.a.
T 8	21 48	11 43	3 54	14 42	3 17	8 20	2 13	18 48	2 55	18 51	0 21	24 6	0 16	17 38	0 7	5 49	1 59	33 53	13 49	11 3	10 33	20 43			n.a.
W 9	21 58	5 31	3 0	14 41	3 14	8 48	2 12	18 45	2 57	18 54	0 21	24 6	0 16	17 38	0 7	5 50	1 59	33 53	13 49	11 3	10 32	20 45			n.a.
T 10	22 8	1n 8	1 53	14 44	3 9	9 15	2 10	18 42	2 59	18 58	0 21	24 6	0 16	17 37	0 7	5 51	1 59	33 52	13 49	11 4	10 31	20 48			n.a.
F 11	22 18	7 56	0 37	14 50	3 3	9 42	2 9	18 39	3 1	19 1	0 21	24 6	0 16	17 36	0 7	5 51	1 59	33 52	13 49	11 4	10 30	20 50			n.a.
S 12	22 27	14 29	0n43	14 59	2 57	10 9	2 7	18 36	3 3	19 4	0 21	24 6	0 16	17 36	0 7	5 52	1 59	33 51	13 48	11 4	10 28	20 53			n.a.
S 13	22 35	20 19	2 1	15 11	2 50	10 35	2 6	18 34	3 5	19 8	0 21	24 6	0 16	17 35	0 7	5 52	1 59	33 51	13 48	11 3	10 27	20 55			n.a.
M14	22 43	24 53	3 11	15 25	2 42	11 2	2 4	18 32	3 7	19 11	0 21	24 6	0 16	17 34	0 7	5 53	1 59	33 50	13 48	11 2	10 26	20 58			n.a.
T 15	22 51	27 42	4 8	15 41	2 34	11 28	2 3	18 29	3 9	19 15	0 21	24 6	0 16	17 34	0 7	5 53	1 59	33 50	13 48	11 0	10 25	21 0			n.a.
W16	22 58	28 26	4 47	15 59	2 25	11 54	2 1	18 28	3 11	19 18	0 21	24 6	0 16	17 33	0 7	5 54	1 59	33 49	13 48	10 57	10 24	21 3			n.a.
T 17	23 5	27 8	5 6	16 18	2 16	12 20	1 59	18 26	3 13	19 21	0 21	24 6	0 17	17 33	0 7	5 54	1 59	33 49	13 47	10 54	10 23	21 5			n.a.
F 18	23 11	24 5	5 5	16 38	2 7	12 45	1 57	18 24	3 15	19 24	0 20	24 6	0 17	17 32	0 7	5 55	1 59	33 48	13 47	10 52	10 21	21 8			n.a.
S 19	23 17	19 46	4 46	17 0	1 58	13 11	1 55	18 23	3 17	19 28	0 20	24 6	0 17	17 31	0 7	5 55	1 59	33 48	13 47	10 49	10 20	21 10			n.a.
S 20	23 22	14 36	4 13	17 22	1 49	13 36	1 53	18 22	3 19	19 31	0 20	24 6	0 17	17 31	0 7	5 56	1 59	33 48	13 47	10 48	10 19	21 13			n.a.
M21	23 27	8 59	3 27	17 45	1 40	14 0	1 51	18 21	3 21	19 34	0 20	24 6	0 17	17 30	0 7	5 56	1 59	33 47	13 47	10 48	10 18	21 15			n.a.
T 22	23 32	3 10	2 33	18 8	1 30	14 25	1 49	18 20	3 23	19 37	0 20	24 6	0 17	17 30	0 7	5 57	1 59	33 47	13 46	10 48	10 17	21 18			n.a.
W23	23 36	2s38	1 33	18 32	1 21	14 49	1 46	18 19	3 25	19 40	0 20	24 6	0 17	17 29	0 7	5 57	1 59	33 46	13 46	10 48	10 16	21 20			n.a.
T 24	23 39	8 15	0 30	18 56	1 12	15 12	1 44	18 19	3 27	19 44	0 20	24 6	0 17	17 29	0 7	5 58	2 0	33 46	13 46	10 48	10 14	21 23			n.a.
F 25	23 42	13 31	0s33	19 20	1 2	15 35	1 42	18 19	3 29	19 47	0 20	24 6	0 17	17 28	0 7	5 58	2 0	33 45	13 46	10 48	10 13	21 25			n.a.
S 26	23 45	18 18	1 35	19 44	0 53	15 58	1 39	18 19	3 31	19 50	0 20	24 6	0 17	17 27	0 7	5 58	2 0	33 45	13 46	10 48	10 12	21 28			n.a.
S 27	23 47	22 22	2 32	20 7	0 44	16 21	1 37	18 19	3 33	19 53	0 20	24 6	0 17	17 27	0 7	5 59	2 0	33 44	13 46	10 46	10 11	21 30			n.a.
M28	23 48	25 33	3 23	20 30	0 35	16 43	1 34	18 19	3 35	19 56	0 20	24 6	0 17	17 26	0 7	5 59	2 0	33 44	13 45	10 43	10 10	21 32			n.a.
T 29	23 49	27 37	4 6	20 53	0 27	17 5	1 32	18 20	3 37	19 59	0 19	24 6	0 17	17 26	0 7	6 0	2 0	33 43	13 45	10 40	10 9	21 35			n.a.
W30	23 50	28 25	4 38	21 16	0 18	17 26	1 29	18 21	3 40	20 2	0 19	24 6	0 17	17 25	0 7	6 0	2 0	33 43	13 45	10 36	10 7	21 37			n.a.
T 31	23s50	27s49	4s57	21s38	0n 9	17s47	1n27	18n22	3n42	20s 5	0n19	24s 6	0s18	17n25	0s 7	6s 0	2n 0	33s42	13s45	10n31	10n 6	21s40			n.a.

Julian Day Number = 1297702.5, Delta T = 07h53m17s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'18, Lahiri = -19°58'17 Julian Calendar 1 Dec. 1161 BCE == Greg. Calendar 20 Nov. 1161 BCE

The year -1160 astronomical counting style corresponds to year 1161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

JANUARY 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 59 17	1♉11'16	27♉59	8♐ 1	25♏36	20♌36	29♏47	2♉51	18°R 9	19♎46	0♒44	26°R39	25♈40	24♏46	n.a.	F 1
S 2	6 3 13	2°12'02	10♒34	9°22	26°49	20°37	29°59	2°59	18♉ 7	19°47	0°45	26♈28	25°37	24°53	n.a.	S 2
S 3	6 7 10	3°12'45	23°21	10°43	28° 3	20°R37	0♐12	3° 6	18° 6	19°48	0°47	26°19	25°34	25° 0	n.a.	S 3
M 4	6 11 7	4°13'27	6♓20	12° 6	29°16	20°37	0°25	3°13	18° 4	19°49	0°48	26°13	25°31	25° 6	n.a.	M 4
T 5	6 15 3	5°14'07	19°33	13°30	0♐29	20°35	0°38	3°20	18° 2	19°50	0°50	26°10	25°28	25°13	n.a.	T 5
W 6	6 19 0	6°14'45	3♈ 3	14°55	1°42	20°34	0°50	3°27	18° 1	19°51	0°51	26°D 9	25°25	25°20	n.a.	W 6
T 7	6 22 56	7°15'22	16°49	16°21	2°55	20°31	1° 3	3°35	17°59	19°52	0°52	26° 9	25°21	25°26	n.a.	T 7
F 8	6 26 53	8°15'56	0♉55	17°48	4° 9	20°28	1°15	3°42	17°58	19°53	0°54	26°R 9	25°18	25°33	n.a.	F 8
S 9	6 30 49	9°16'28	15°19	19°16	5°22	20°23	1°28	3°49	17°57	19°53	0°55	26° 8	25°15	25°40	n.a.	S 9
S 10	6 34 46	10°16'58	29°59	20°45	6°35	20°18	1°40	3°56	17°55	19°54	0°57	26° 4	25°12	25°46	n.a.	S 10
M11	6 38 42	11°17'26	14♊52	22°15	7°48	20°13	1°53	4° 4	17°54	19°55	0°59	25°58	25° 9	25°53	n.a.	M11
T 12	6 42 39	12°17'53	29°48	23°46	9° 2	20° 6	2° 5	4°11	17°53	19°55	1° 0	25°49	25° 6	26° 0	n.a.	T 12
W13	6 46 36	13°18'17	14♋39	25°18	10°15	19°59	2°17	4°18	17°52	19°56	1° 2	25°38	25° 2	26° 6	n.a.	W13
T 14	6 50 32	14°18'40	29°16	26°51	11°28	19°51	2°29	4°25	17°51	19°57	1° 3	25°26	24°59	26°13	n.a.	T 14
F 15	6 54 29	15°19'01	13♌32	28°25	12°42	19°42	2°41	4°32	17°50	19°57	1° 5	25°15	24°56	26°20	n.a.	F 15
S 16	6 58 25	16°19'20	27°21	29°59	13°55	19°32	2°53	4°40	17°49	19°58	1° 6	25° 5	24°53	26°26	n.a.	S 16
S 17	7 2 22	17°19'37	10♍43	1♉36	15° 8	19°22	3° 5	4°47	17°48	19°58	1° 8	24°58	24°50	26°33	n.a.	S 17
M18	7 6 18	18°19'53	23°38	3°12	16°22	19°11	3°17	4°54	17°47	19°59	1° 9	24°54	24°46	26°40	n.a.	M18
T 19	7 10 15	19°20'07	6♎ 9	4°50	17°35	18°59	3°29	5° 1	17°46	19°59	1°11	24°52	24°43	26°46	n.a.	T 19
W20	7 14 11	20°20'19	18°21	6°29	18°48	18°46	3°40	5° 8	17°45	20° 0	1°13	24°51	24°40	26°53	n.a.	W20
T 21	7 18 8	21°20'29	0♏19	8° 9	20° 2	18°33	3°52	5°15	17°44	20° 0	1°14	24°51	24°37	27° 0	n.a.	T 21
F 22	7 22 5	22°20'38	12° 9	9°50	21°15	18°19	4° 3	5°22	17°43	20° 0	1°16	24°51	24°34	27° 6	n.a.	F 22
S 23	7 26 1	23°20'45	23°56	11°32	22°29	18° 4	4°15	5°29	17°43	20° 1	1°17	24°48	24°31	27°13	n.a.	S 23
S 24	7 29 58	24°20'51	5♐45	13°15	23°42	17°48	4°26	5°36	17°42	20° 1	1°19	24°43	24°27	27°20	n.a.	S 24
M25	7 33 54	25°20'54	17°41	14°59	24°55	17°32	4°37	5°43	17°42	20° 1	1°21	24°35	24°24	27°26	n.a.	M25
T 26	7 37 51	26°20'56	29°45	16°44	26° 9	17°15	4°48	5°50	17°41	20° 1	1°22	24°24	24°21	27°33	n.a.	T 26
W27	7 41 47	27°20'55	12♑ 2	18°31	27°22	16°57	4°59	5°57	17°41	20° 1	1°24	24°11	24°18	27°40	n.a.	W27
T 28	7 45 44	28°20'53	24°32	20°18	28°36	16°39	5°10	6° 4	17°40	20° 2	1°25	23°57	24°15	27°46	n.a.	T 28
F 29	7 49 40	29°20'49	7♒14	22° 7	29°49	16°20	5°21	6°11	17°40	20° 2	1°27	23°43	24°12	27°53	n.a.	F 29
S 30	7 53 37	0♒20'42	20° 9	23°56	1♑ 3	16° 1	5°32	6°18	17°40	20° 2	1°29	23°31	24° 8	28° 0	n.a.	S 30
S 31	7 57 34	1♒20'33	3♓15	25♑47	2♑16	15♌41	5♐43	6♑25	17♉39	20°R 2	1♒30	23♈21	24♈ 5	28♏ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	25s50	5s 3	21s59	0n 1	18s 7	1n24	18n23	3n44	20s 7	0n19	24s 6	0s18	17n25	0s 7	6s 1	2n 0	33s42	13s45	10n27	10n 5	21s42		n.a.
S 2	23 49	22 34	4 54	22 20	0s 7	18 27	1 21	18 25	3 46	20 10	0 19	24 6	0 18	17 24	0 7	6 1	2 0	33 41	13 45	10 23	10 4	21 45		n.a.
S 3	23 48	18 12	4 30	22 40	0 15	18 47	1 18	18 27	3 48	20 13	0 19	24 6	0 18	17 24	0 7	6 1	2 0	33 41	13 45	10 19	10 3	21 47		n.a.
M 4	23 46	12 55	3 52	22 59	0 22	19 6	1 16	18 29	3 50	20 16	0 19	24 6	0 18	17 23	0 7	6 2	2 0	33 40	13 44	10 17	10 1	21 49		n.a.
T 5	23 44	6 58	3 1	23 17	0 30	19 24	1 13	18 31	3 52	20 19	0 19	24 5	0 18	17 23	0 7	6 2	2 0	33 40	13 44	10 16	10 0	21 52		n.a.
W 6	23 41	0 36	2 0	23 35	0 37	19 42	1 10	18 34	3 54	20 21	0 19	24 5	0 18	17 22	0 7	6 2	2 0	33 39	13 44	10 16	9 59	21 54		n.a.
T 7	23 38	5n58	0 49	23 51	0 44	19 59	1 7	18 37	3 56	20 24	0 19	24 5	0 18	17 22	0 7	6 2	2 0	33 39	13 44	10 16	9 58	21 57		n.a.
F 8	23 34	12 23	0n25	24 7	0 51	20 16	1 4	18 40	3 58	20 27	0 19	24 5	0 18	17 22	0 7	6 3	2 0	33 39	13 44	10 16	9 57	21 59		n.a.
S 9	23 30	18 17	1 40	24 21	0 57	20 33	1 1	18 43	4 0	20 29	0 19	24 5	0 18	17 21	0 7	6 3	2 0	33 38	13 44	10 15	9 56	22 1		n.a.
S 10	23 26	23 14	2 49	24 34	1 4	20 48	0 58	18 47	4 2	20 32	0 19	24 5	0 18	17 21	0 7	6 3	2 1	33 38	13 44	10 14	9 54	22 4		n.a.
M11	23 21	26 44	3 48	24 46	1 10	21 4	0 56	18 50	4 4	20 35	0 18	24 5	0 18	17 21	0 7	6 3	2 1	33 37	13 44	10 11	9 53	22 6		n.a.
T 12	23 15	28 21	4 31	24 57	1 16	21 18	0 53	18 54	4 6	20 37	0 18	24 5	0 18	17 20	0 7	6 3	2 1	33 37	13 44	10 8	9 52	22 9		n.a.
W13	23 9	27 54	4 55	25 6	1 21	21 32	0 50	18 59	4 8	20 40	0 18	24 4	0 19	17 20	0 7	6 4	2 1	33 36	13 44	10 4	9 51	22 11		n.a.
T 14	23 3	25 32	5 0	25 14	1 26	21 46	0 47	19 3	4 10	20 42	0 18	24 4	0 19	17 20	0 7	6 4	2 1	33 36	13 44	10 0	9 50	22 13		n.a.
F 15	22 56	21 35	4 46	25 21	1 31	21 58	0 44	19 8	4 12	20 45	0 18	24 4	0 19	17 19	0 7	6 4	2 1	33 35	13 44	9 55	9 49	22 16		n.a.
S 16	22 49	16 34	4 15	25 26	1 36	22 11	0 41	19 13	4 14	20 47	0 18	24 4	0 19	17 19	0 7	6 4	2 1	33 35	13 43	9 52	9 47	22 18		n.a.
S 17	22 41	10 55	3 31	25 29	1 40	22 22	0 38	19 18	4 16	20 50	0 18	24 4	0 19	17 19	0 7	6 4	2 1	33 35	13 43	9 49	9 46	22 20		n.a.
M18	22 33	4 58	2 37	25 31	1 44	22 33	0 35	19 23	4 18	20 52	0 18	24 4	0 19	17 18	0 7	6 4	2 1	33 34	13 43	9 48	9 45	22 23		n.a.
T 19	22 25	1s 0	1 37	25 32	1 47	22 43	0 32	19 28	4 19	20 54	0 18	24 3	0 19	17 18	0 7	6 4	2 1	33 34	13 43	9 47	9 44	22 25		n.a.
W20	22 16	6 47	0 34	25 31	1 51	22 53	0 29	19 34	4 21	20 57	0 18	24 3	0 19	17 18	0 7	6 5	2 1	33 33	13 43	9 47	9 43	22 27		n.a.
T 21	22 7	12 13	0s29	25 28	1 53	23 2	0 26	19 40	4 23	20 59	0 18	24 3	0 19	17 18	0 7	6 5	2 1	33 33	13 43	9 47	9 41	22 30		n.a.
F 22	21 57	17 10	1 30	25 23	1 56	23 10	0 23	19 46	4 24	21 1	0 18	24 3	0 19	17 18	0 7	6 5	2 1	33 32	13 43	9 46	9 40	22 32		n.a.
S 23	21 47	21 26	2 27	25 17	1 58	23 17	0 20	19 52	4 26	21 3	0 17	24 3	0 19	17 17	0 6	6 5	2 1	33 32	13 43	9 46	9 39	22 34		n.a.
S 24	21 36	24 52	3 18	25 9	2 0	23 24	0 17	19 58	4 27	21 6	0 17	24 2	0 19	17 17	0 6	6 5	2 1	33 32	13 43	9 44	9 38	22 36		n.a.
M25	21 25	27 15	4 1	24 59	2 1	23 30	0 14	20 5	4 28	21 8	0 17	24 2	0 20	17 17	0 6	6 5	2 2	33 31	13 43	9 41	9 37	22 39		n.a.
T 26	21 14	28 23	4 33	24 47	2 2	23 36	0 11	20 11	4 30	21 10	0 17	24 2	0 20	17 17	0 6	6 5	2 2	33 31	13 43	9 37	9 35	22 41		n.a.
W27	21 2	28 9	4 53	24 33	2 2	23 41	0 8	20 18	4 31	21 12	0 17	24 2	0 20	17 17	0 6	6 5	2 2	33 30	13 43	9 32	9 34	22 43		n.a.
T 28	20 50	26 29	5 0	24 17	2 2	23 45	0 5	20 25	4 32	21 14	0 17	24 1	0 20	17 17	0 6	6 5	2 2	33 30	13 43	9 27	9 33	22 46		n.a.
F 29	20 37	23 27	4 52	23 59	2 2	23 48	0 2	20 32	4 33	21 16	0 17	24 1	0 20	17 17	0 6	6 5	2 2	33 30	13 43	9 21	9 32	22 48		n.a.
S 30	20 25	19 14	4 28	23 39	2 1	23 51	0s 1	20 38	4 34	21 18	0 17	24 1	0 20	17 17	0 6	6 5	2 2	33 29	13 43	9 17	9 31	22 50		n.a.
S 31	20s11	14s 3	3s51	23s18	1s59	23s53	0s 4	20n45	4n35	21s20	0n17	24s 1	0s20	17n17	0s 6	6s 5	2n 2	33s29	13s43	9n13	9n30	22s52		n.a.

Julian Day Number = 1297733.5, Delta T = 07h53m15s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'14, Lahiri = -19°58'13 Julian Calendar 1 Jan. 1160 BCE == Greg. Calendar 21 Dec. 1161 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

FEBRUARY 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 1 30	2♒20'22	16♓32	27♑39	3♑30	15°R21	5♐53	6♑31	17°R39	20°R 2	1♒32	23°R13	24♈ 2	28♏13	n.a.	M 1
T 2	8 5 27	3°20'09	29°59	29°32	4°43	15♌ 0	6° 4	6°38	17♑39	20♎ 2	1°33	23♈ 9	23°59	28°20	n.a.	T 2
W 3	8 9 23	4°19'53	13♈38	1♒26	5°56	14°38	6°14	6°45	17°39	20° 2	1°35	23° 8	23°56	28°26	n.a.	W 3
T 4	8 13 20	5°19'34	27°26	3°21	7°10	14°17	6°24	6°52	17°D39	20° 2	1°37	23°D 7	23°52	28°33	n.a.	T 4
F 5	8 17 16	6°19'13	11♉26	5°17	8°23	13°55	6°35	6°58	17°39	20° 1	1°38	23°R 7	23°49	28°40	n.a.	F 5
S 6	8 21 13	7°18'50	25°36	7°15	9°37	13°32	6°45	7° 5	17°39	20° 1	1°40	23° 6	23°46	28°46	n.a.	S 6
S 7	8 25 9	8°18'25	9♊56	9°13	10°50	13°10	6°55	7°11	17°39	20° 1	1°41	23° 3	23°43	28°53	n.a.	S 7
M 8	8 29 6	9°17'57	24°23	11°11	12° 4	12°47	7° 4	7°18	17°39	20° 1	1°43	22°57	23°40	29° 0	n.a.	M 8
T 9	8 33 3	10°17'26	8♋53	13°11	13°17	12°24	7°14	7°24	17°39	20° 0	1°45	22°49	23°37	29° 7	n.a.	T 9
W10	8 36 59	11°16'53	23°19	15°11	14°31	12° 1	7°24	7°31	17°40	20° 0	1°46	22°38	23°33	29°13	n.a.	W10
T 11	8 40 56	12°16'18	7♌35	17°12	15°44	11°38	7°33	7°37	17°40	20° 0	1°48	22°27	23°30	29°20	n.a.	T 11
F 12	8 44 52	13°15'41	21°35	19°13	16°57	11°14	7°43	7°44	17°41	19°59	1°49	22°16	23°27	29°27	n.a.	F 12
S 13	8 48 49	14°15'01	5♍15	21°14	18°11	10°51	7°52	7°50	17°41	19°59	1°51	22° 7	23°24	29°33	n.a.	S 13
S 14	8 52 45	15°14'19	18°32	23°14	19°24	10°28	8° 1	7°56	17°41	19°59	1°52	22° 0	23°21	29°40	n.a.	S 14
M15	8 56 42	16°13'36	1♎25	25°14	20°38	10° 5	8°10	8° 3	17°42	19°58	1°54	21°56	23°18	29°47	n.a.	M15
T 16	9 0 38	17°12'50	13°58	27°14	21°51	9°42	8°19	8° 9	17°43	19°58	1°56	21°54	23°14	29°53	n.a.	T 16
W17	9 4 35	18°12'02	26°12	29°12	23° 5	9°19	8°28	8°15	17°43	19°57	1°57	21°D53	23°11	29°59	n.a.	W17
T 18	9 8 31	19°11'12	8♏13	1♓ 9	24°18	8°56	8°36	8°21	17°44	19°57	1°59	21°54	23° 8	0♐ 7	n.a.	T 18
F 19	9 12 28	20°10'21	20° 5	3° 3	25°32	8°34	8°45	8°27	17°45	19°56	2° 0	21°R55	23° 5	0°13	n.a.	F 19
S 20	9 16 25	21° 9'27	1♐54	4°56	26°45	8°12	8°53	8°33	17°46	19°55	2° 2	21°54	23° 2	0°20	n.a.	S 20
S 21	9 20 21	22° 8'32	13°46	6°46	27°59	7°50	9° 1	8°39	17°46	19°55	2° 3	21°51	22°58	0°27	n.a.	S 21
M22	9 24 18	23° 7'35	25°45	8°32	29°12	7°28	9° 9	8°45	17°47	19°54	2° 5	21°46	22°55	0°33	n.a.	M22
T 23	9 28 14	24° 6'36	7♑55	10°15	0♒26	7° 7	9°17	8°51	17°48	19°53	2° 6	21°39	22°52	0°40	n.a.	T 23
W24	9 32 11	25° 5'34	20°19	11°55	1°39	6°47	9°25	8°57	17°49	19°53	2° 8	21°31	22°49	0°47	n.a.	W24
T 25	9 36 7	26° 4'31	3♒ 0	13°30	2°53	6°27	9°33	9° 2	17°50	19°52	2° 9	21°21	22°46	0°53	n.a.	T 25
F 26	9 40 4	27° 3'26	15°58	15° 0	4° 6	6° 7	9°41	9° 8	17°52	19°51	2°11	21°11	22°43	1° 0	n.a.	F 26
S 27	9 44 0	28° 2'18	29°13	16°26	5°19	5°48	9°48	9°14	17°53	19°50	2°12	21° 2	22°39	1° 7	n.a.	S 27
S 28	9 47 57	29♒ 1'09	12♓42	17♓46	6♒33	5♌30	9♐55	9♑19	17♑54	19♎49	2♒14	20♈55	22♈36	1♐13	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s58	8s 9	3s 0	22s53	1s57	23s54	0s 7	20n52	4n35	21s22	0n17	24s 0	0s20	17n17	0s 6	6s 5	2n 2	33s29	13s43	9n10	9n28	22s55		n.a.
T 2	19 44	1 49	1 59	22 27	1 55	23 54	0 9	20 59	4 36	21 24	0 17	24 0	0 20	17 17	0 6	6 5	2 2	33 28	13 43	9 9	9 27	22 57		n.a.
W 3	19 30	4n42	0 50	21 59	1 52	23 54	0 12	21 6	4 37	21 26	0 17	24 0	0 20	17 17	0 6	6 4	2 2	33 28	13 43	9 8	9 26	22 59		n.a.
T 4	19 15	11 5	0n23	21 29	1 48	23 53	0 15	21 13	4 37	21 28	0 17	24 0	0 20	17 17	0 6	6 4	2 2	33 27	13 43	9 8	9 25	23 1		n.a.
F 5	19 0	17 1	1 35	20 56	1 44	23 52	0 18	21 20	4 37	21 30	0 16	23 59	0 21	17 17	0 6	6 4	2 2	33 27	13 43	9 8	9 24	23 4		n.a.
S 6	18 45	22 7	2 43	20 22	1 39	23 49	0 20	21 27	4 38	21 31	0 16	23 59	0 21	17 17	0 6	6 4	2 2	33 27	13 43	9 7	9 22	23 6		n.a.
S 7	18 29	25 57	3 41	19 45	1 34	23 46	0 23	21 34	4 38	21 33	0 16	23 59	0 21	17 17	0 6	6 4	2 2	33 26	13 44	9 6	9 21	23 8		n.a.
M 8	18 13	28 8	4 25	19 7	1 28	23 42	0 26	21 41	4 38	21 35	0 16	23 59	0 21	17 17	0 6	6 4	2 2	33 26	13 44	9 4	9 20	23 10		n.a.
T 9	17 57	28 24	4 53	18 26	1 21	23 38	0 28	21 47	4 38	21 37	0 16	23 58	0 21	17 17	0 6	6 4	2 3	33 26	13 44	9 1	9 19	23 12		n.a.
W10	17 41	26 44	5 2	17 43	1 14	23 32	0 31	21 54	4 37	21 38	0 16	23 58	0 21	17 17	0 6	6 3	2 3	33 25	13 44	8 57	9 18	23 15		n.a.
T 11	17 24	23 22	4 51	16 59	1 6	23 26	0 33	22 0	4 37	21 40	0 16	23 58	0 21	17 17	0 6	6 3	2 3	33 25	13 44	8 53	9 16	23 17		n.a.
F 12	17 7	18 41	4 24	16 13	0 58	23 20	0 36	22 7	4 37	21 42	0 16	23 58	0 21	17 17	0 6	6 3	2 3	33 25	13 44	8 49	9 15	23 19		n.a.
S 13	16 50	13 10	3 41	15 26	0 49	23 12	0 38	22 13	4 36	21 43	0 16	23 57	0 21	17 17	0 6	6 3	2 3	33 25	13 44	8 45	9 14	23 21		n.a.
S 14	16 32	7 10	2 48	14 37	0 39	23 4	0 41	22 19	4 35	21 45	0 16	23 57	0 21	17 17	0 6	6 3	2 3	33 24	13 44	8 42	9 13	23 23		n.a.
M15	16 14	1 3	1 47	13 47	0 29	22 56	0 43	22 24	4 35	21 46	0 16	23 57	0 22	17 18	0 6	6 2	2 3	33 24	13 44	8 41	9 12	23 26		n.a.
T 16	15 56	4s57	0 42	12 55	0 19	22 46	0 45	22 30	4 34	21 48	0 16	23 56	0 22	17 18	0 6	6 2	2 3	33 24	13 44	8 40	9 10	23 28		n.a.
W17	15 38	10 38	0s23	12 4	0 8	22 36	0 47	22 35	4 33	21 49	0 16	23 56	0 22	17 18	0 6	6 2	2 3	33 23	13 44	8 40	9 9	23 30		n.a.
T 18	15 19	15 50	1 26	11 11	0n 4	22 25	0 50	22 41	4 32	21 51	0 15	23 56	0 22	17 18	0 6	6 2	2 3	33 23	13 45	8 40	9 8	23 32		n.a.
F 19	15 0	20 22	2 25	10 18	0 16	22 14	0 52	22 46	4 30	21 52	0 15	23 56	0 22	17 18	0 6	6 1	2 3	33 23	13 45	8 40	9 7	23 34		n.a.
S 20	14 41	24 6	3 17	9 26	0 28	22 2	0 54	22 50	4 29	21 54	0 15	23 55	0 22	17 19	0 6	6 1	2 3	33 23	13 45	8 40	9 6	23 36		n.a.
S 21	14 22	26 49	4 1	8 33	0 40	21 49	0 56	22 55	4 28	21 55	0 15	23 55	0 22	17 19	0 6	6 1	2 3	33 22	13 45	8 39	9 5	23 39		n.a.
M22	14 2	28 20	4 34	7 42	0 53	21 36	0 58	22 59	4 26	21 56	0 15	23 55	0 22	17 19	0 6	6 0	2 3	33 22	13 45	8 37	9 3	23 41		n.a.
T 23	13 42	28 31	4 56	6 51	1 5	21 22	1 0	23 3	4 24	21 58	0 15	23 54	0 22	17 19	0 6	6 0	2 3	33 22	13 45	8 35	9 2	23 43		n.a.
W24	13 22	27 17	5 5	6 1	1 17	21 7	1 2	23 7	4 23	21 59	0 15	23 54	0 22	17 20	0 6	6 0	2 3	33 22	13 45	8 31	9 1	23 45		n.a.
T 25	13 2	24 39	4 59	5 13	1 30	20 52	1 4	23 10	4 21	22 0	0 15	23 54	0 23	17 20	0 6	5 59	2 3	33 21	13 46	8 27	9 0	23 47		n.a.
F 26	12 42	20 43	4 37	4 27	1 42	20 36	1 5	23 14	4 19	22 1	0 15	23 53	0 23	17 20	0 6	5 59	2 4	33 21	13 46	8 24	8 59	23 49		n.a.
S 27	12 21	15 41	4 1	3 42	1 53	20 20	1 7	23 17	4 17	22 3	0 15	23 53	0 23	17 21	0 6	5 59	2 4	33 21	13 46	8 20	8 57	23 51		n.a.
S 28	12s 0	9s49	3s10	3s 0	2n 5	20s 3	1s 9	23n19	4n15	22s 4	0n15	23s53	0s23	17n21	0s 6	5s58	2n 4	33s21	13s46	8n18	8n56	23s53		n.a.

Julian Day Number = 1297764.5, Delta T = 07h53m13s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'09, Lahiri = -19°58'09 Julian Calendar 1 Feb. 1160 BCE == Greg. Calendar 21 Jan. 1160 BCE

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

MARCH 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 51 54	29♒59'57	26♓24	19♓ 1	7♒46	5°R12	10♐ 2	9♑25	17♉55	19°R49	2♒15	20°R50	22♈33	1♐20	n.a.	M 1
T 2	9 55 50	0♓58'42	10♈15	20°11	9° 0	4♌55	10° 9	9°30	17°57	19♎48	2°17	20♈47	22°30	1°27	n.a.	T 2
W 3	9 59 47	1°57'26	24°14	21°15	10°13	4°39	10°16	9°35	17°58	19°47	2°18	20°D47	22°27	1°33	n.a.	W 3
T 4	10 3 43	2°56'07	8♉17	22°12	11°27	4°23	10°23	9°41	17°59	19°46	2°20	20°48	22°24	1°40	n.a.	T 4
F 5	10 7 40	3°54'46	22°24	23° 4	12°40	4° 8	10°30	9°46	18° 1	19°45	2°21	20°49	22°20	1°47	n.a.	F 5
S 6	10 11 36	4°53'23	6♊33	23°50	13°54	3°54	10°36	9°51	18° 2	19°44	2°22	20°R49	22°17	1°53	n.a.	S 6
S 7	10 15 33	5°51'57	20°43	24°30	15° 7	3°40	10°42	9°56	18° 4	19°43	2°24	20°48	22°14	2° 0	n.a.	S 7
M 8	10 19 29	6°50'29	4♋52	25° 3	16°21	3°27	10°48	10° 1	18° 6	19°42	2°25	20°45	22°11	2° 7	n.a.	M 8
T 9	10 23 26	7°48'58	18°57	25°30	17°34	3°15	10°54	10° 6	18° 7	19°41	2°26	20°41	22° 8	2°13	n.a.	T 9
W10	10 27 22	8°47'25	2♌55	25°51	18°47	3° 4	11° 0	10°11	18° 9	19°40	2°28	20°35	22° 4	2°20	n.a.	W10
T 11	10 31 19	9°45'50	16°43	26° 5	20° 1	2°54	11° 6	10°16	18°11	19°38	2°29	20°28	22° 1	2°27	n.a.	T 11
F 12	10 35 16	10°44'13	0♍18	26°13	21°14	2°44	11°11	10°21	18°12	19°37	2°30	20°21	21°58	2°33	n.a.	F 12
S 13	10 39 12	11°42'34	13°37	26°R16	22°28	2°35	11°16	10°25	18°14	19°36	2°32	20°16	21°55	2°40	n.a.	S 13
S 14	10 43 9	12°40'52	26°39	26°12	23°41	2°27	11°21	10°30	18°16	19°35	2°33	20°12	21°52	2°47	n.a.	S 14
M15	10 47 5	13°39'09	9♎23	26° 3	24°55	2°20	11°26	10°34	18°18	19°34	2°34	20°10	21°49	2°53	n.a.	M15
T 16	10 51 2	14°37'24	21°49	25°48	26° 8	2°13	11°31	10°39	18°20	19°32	2°36	20°D 9	21°45	3° 0	n.a.	T 16
W17	10 54 58	15°35'37	4♏ 1	25°29	27°22	2° 7	11°36	10°43	18°22	19°31	2°37	20°10	21°42	3° 7	n.a.	W17
T 18	10 58 55	16°33'48	16° 2	25° 5	28°35	2° 2	11°40	10°48	18°24	19°30	2°38	20°11	21°39	3°14	n.a.	T 18
F 19	11 2 51	17°31'58	27°56	24°37	29°48	1°58	11°45	10°52	18°26	19°29	2°39	20°13	21°36	3°20	n.a.	F 19
S 20	11 6 48	18°30'07	9♐46	24° 5	1♓ 2	1°55	11°49	10°56	18°28	19°27	2°40	20°15	21°33	3°27	n.a.	S 20
S 21	11 10 44	19°28'13	21°39	23°31	2°15	1°52	11°53	11° 0	18°31	19°26	2°42	20°R15	21°29	3°34	n.a.	S 21
M22	11 14 41	20°26'18	3♑39	22°54	3°29	1°50	11°56	11° 4	18°33	19°25	2°43	20°14	21°26	3°40	n.a.	M22
T 23	11 18 38	21°24'22	15°51	22°16	4°42	1°49	12° 0	11° 8	18°35	19°23	2°44	20°12	21°23	3°47	n.a.	T 23
W24	11 22 34	22°22'24	28°19	21°37	5°56	1°D49	12° 3	11°12	18°37	19°22	2°45	20° 9	21°20	3°54	n.a.	W24
T 25	11 26 31	23°20'25	11♒ 5	20°58	7° 9	1°50	12° 7	11°16	18°40	19°20	2°46	20° 5	21°17	4° 0	n.a.	T 25
F 26	11 30 27	24°18'23	24°12	20°20	8°23	1°51	12°10	11°19	18°42	19°19	2°47	20° 1	21°14	4° 7	n.a.	F 26
S 27	11 34 24	25°16'21	7♓41	19°42	9°36	1°53	12°13	11°23	18°45	19°18	2°48	19°57	21°10	4°14	n.a.	S 27
S 28	11 38 20	26°14'16	21°29	19° 7	10°49	1°56	12°15	11°27	18°47	19°16	2°49	19°54	21° 7	4°20	n.a.	S 28
M29	11 42 17	27°12'10	5♈34	18°34	12° 3	1°59	12°18	11°30	18°50	19°15	2°51	19°52	21° 4	4°27	n.a.	M29
T 30	11 46 13	28°10'02	19°51	18° 4	13°16	2° 3	12°20	11°33	18°52	19°13	2°52	19°D52	21° 1	4°34	n.a.	T 30
W31	11 50 10	29♓ 7'52	4♉16	17♓37	14♓30	2♌ 8	12♐22	11♑37	18♉55	19♎12	2♒53	19♈52	20♈58	4♐40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s39	3s24	2s 7	2s20	2n16	19s45	1s10	23n22	4n13	22s 5	0n15	23s53	0s23	17n22	0s 6	5s58	2n 4	33s21	13s46	8n16	8n55	23s55			n.a.
T 2	11 18	3n16	0 56	1 43	2 26	19 27	1 12	23 24	4 11	22 6	0 14	23 52	0 23	17 22	0 6	5 58	2 4	33 20	13 46	8 15	8 54	23 58			n.a.
W 3	10 57	9 50	0n19	1 9	2 35	19 9	1 13	23 26	4 9	22 7	0 14	23 52	0 23	17 22	0 6	5 57	2 4	33 20	13 47	8 15	8 53	24 0			n.a.
T 4	10 36	15 58	1 33	0 38	2 44	18 50	1 15	23 28	4 6	22 8	0 14	23 52	0 23	17 23	0 6	5 57	2 4	33 20	13 47	8 15	8 51	24 2			n.a.
F 5	10 14	21 17	2 42	0 10	2 52	18 30	1 16	23 29	4 4	22 9	0 14	23 51	0 23	17 23	0 6	5 56	2 4	33 20	13 47	8 15	8 50	24 4			n.a.
S 6	9 52	25 24	3 42	0n15	3 0	18 10	1 17	23 30	4 2	22 10	0 14	23 51	0 24	17 24	0 6	5 56	2 4	33 20	13 47	8 15	8 49	24 6			n.a.
S 7	9 31	27 57	4 28	0 37	3 6	17 49	1 18	23 31	3 59	22 11	0 14	23 51	0 24	17 24	0 6	5 56	2 4	33 20	13 47	8 15	8 48	24 8			n.a.
M 8	9 9	28 42	4 57	0 55	3 11	17 28	1 20	23 32	3 57	22 12	0 14	23 51	0 24	17 25	0 6	5 55	2 4	33 19	13 48	8 14	8 47	24 10			n.a.
T 9	8 47	27 34	5 9	1 9	3 15	17 6	1 21	23 32	3 54	22 13	0 14	23 50	0 24	17 25	0 6	5 55	2 4	33 19	13 48	8 12	8 45	24 12			n.a.
W10	8 24	24 43	5 2	1 20	3 18	16 44	1 22	23 33	3 52	22 14	0 14	23 50	0 24	17 26	0 6	5 54	2 4	33 19	13 48	8 10	8 44	24 14			n.a.
T 11	8 2	20 29	4 37	1 28	3 20	16 21	1 23	23 33	3 49	22 15	0 14	23 50	0 24	17 26	0 6	5 54	2 4	33 19	13 48	8 7	8 43	24 16			n.a.
F 12	7 40	15 14	3 57	1 31	3 20	15 58	1 24	23 32	3 46	22 16	0 14	23 50	0 24	17 27	0 6	5 53	2 4	33 19	13 48	8 5	8 42	24 18			n.a.
S 13	7 17	9 23	3 5	1 32	3 19	15 35	1 24	23 32	3 44	22 17	0 14	23 49	0 24	17 27	0 6	5 53	2 4	33 19	13 49	8 3	8 40	24 20			n.a.
S 14	6 55	3 15	2 4	1 28	3 17	15 11	1 25	23 31	3 41	22 18	0 13	23 49	0 24	17 28	0 6	5 52	2 4	33 19	13 49	8 1	8 39	24 22			n.a.
M15	6 32	2s53	0 58	1 21	3 13	14 47	1 26	23 30	3 38	22 18	0 13	23 49	0 25	17 28	0 6	5 52	2 4	33 19	13 49	8 0	8 38	24 24			n.a.
T 16	6 9	8 47	0s 9	1 10	3 8	14 22	1 27	23 29	3 36	22 19	0 13	23 49	0 25	17 29	0 6	5 51	2 4	33 19	13 49	8 0	8 37	24 26			n.a.
W17	5 46	14 15	1 15	0 56	3 1	13 57	1 27	23 28	3 33	22 20	0 13	23 48	0 25	17 29	0 6	5 51	2 4	33 19	13 50	8 0	8 36	24 28			n.a.
T 18	5 23	19 5	2 17	0 40	2 53	13 32	1 28	23 26	3 30	22 21	0 13	23 48	0 25	17 30	0 6	5 50	2 4	33 18	13 50	8 1	8 34	24 30			n.a.
F 19	5 0	23 8	3 12	0 20	2 44	13 6	1 28	23 25	3 27	22 21	0 13	23 48	0 25	17 31	0 6	5 50	2 5	33 18	13 50	8 2	8 33	24 32			n.a.
S 20	4 37	26 13	3 58	0s 3	2 34	12 40	1 28	23 23	3 25	22 22	0 13	23 48	0 25	17 31	0 6	5 49	2 5	33 18	13 50	8 2	8 32	24 34			n.a.
S 21	4 14	28 9	4 35	0 27	2 22	12 13	1 29	23 21	3 22	22 22	0 13	23 47	0 25	17 32	0 6	5 49	2 5	33 18	13 51	8 2	8 31	24 36			n.a.
M22	3 51	28 47	5 0	0 54	2 9	11 46	1 29	23 19	3 19	22 23	0 13	23 47	0 25	17 32	0 6	5 48	2 5	33 18	13 51	8 2	8 30	24 38			n.a.
T 23	3 28	28 2	5 12	1 22	1 55	11 19	1 29	23 16	3 16	22 24	0 13	23 47	0 25	17 33	0 6	5 47	2 5	33 18	13 51	8 1	8 28	24 40			n.a.
W24	3 4	25 54	5 10	1 51	1 40	10 52	1 29	23 14	3 14	22 24	0 12	23 47	0 26	17 34	0 6	5 47	2 5	33 18	13 52	8 0	8 27	24 42			n.a.
T 25	2 41	22 25	4 52	2 21	1 24	10 24	1 29	23 11	3 11	22 25	0 12	23 47	0 26	17 34	0 6	5 46	2 5	33 18	13 52	7 58	8 26	24 44			n.a.
F 26	2 18	17 44	4 19	2 51	1 8	9 56	1 29	23 8	3 8	22 25	0 12	23 46	0 26	17 35	0 6	5 46	2 5	33 18	13 52	7 57	8 25	24 46			n.a.
S 27	1 55	12 5	3 31	3 21	0 52	9 28	1 29	23 5	3 6	22 26	0 12	23 46	0 26	17 36	0 6	5 45	2 5	33 18	13 52	7 55	8 24	24 48			n.a.
S 28	1 31	5 43	2 30	3 50	0 35	9 0	1 29	23 1	3 3	22 26	0 12	23 46	0 26	17 37	0 6	5 45	2 5	33 18	13 53	7 54	8 22	24 50			n.a.
M29	1 8	1n 3	1 18	4 19	0 18	8 31	1 29	22 58	3 0	22 27	0 12	23 46	0 26	17 37	0 6	5 44	2 5	33 18	13 53	7 54	8 21	24 51			n.a.
T 30	0 44	7 53	0 0	4 46	0 2	8 2	1 28	22 54	2 58	22 27	0 12	23 46	0 26	17 38	0 6	5 43	2 5	33 18	13 53	7 54	8 20	24 53			n.a.
W31	0s21	14n23	1n19	5s12	0s15	7s33	1s28	22n51	2n55	22s27	0n12	23s45	0s26	17n39	0s 5	5s43	2n 5	33s18	13s54	7n54	8n19	24s55			n.a.

Julian Day Number = 1297792.5, Delta T = 07h53m12s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'06, Lahiri = -19°58'05 Julian Calendar 1 March 1160 BCE == Greg. Calendar 18 Feb. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

APRIL 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 7	0♈ 5'41	18♉44	17°R14	15♓43	2♌14	12♐24	11♑40	18♉57	19°R10	2♒54	19♈53	20♈55	4♐47	n.a.	T 1
F 2	11 58 3	1° 3'28	3♊10	16♓55	16°57	2°20	12°26	11°43	19° 0	19♎ 9	2°55	19°55	20°51	4°54	n.a.	F 2
S 3	12 2 0	2° 1'13	17°30	16°41	18°10	2°27	12°27	11°46	19° 3	19° 7	2°55	19°56	20°48	5° 0	n.a.	S 3
S 4	12 5 56	2°58'56	1♋42	16°30	19°24	2°35	12°29	11°49	19° 5	19° 6	2°56	19°R56	20°45	5° 7	n.a.	S 4
M 5	12 9 53	3°56'38	15°43	16°24	20°37	2°43	12°30	11°52	19° 8	19° 4	2°57	19°56	20°42	5°14	n.a.	M 5
T 6	12 13 49	4°54'18	29°33	16°D23	21°50	2°52	12°31	11°54	19°11	19° 3	2°58	19°55	20°39	5°20	n.a.	T 6
W 7	12 17 46	5°51'55	13♌ 9	16°27	23° 4	3° 2	12°32	11°57	19°14	19° 1	2°59	19°53	20°35	5°27	n.a.	W 7
T 8	12 21 42	6°49'31	26°33	16°35	24°17	3°12	12°33	11°59	19°17	19° 0	3° 0	19°51	20°32	5°34	n.a.	T 8
F 9	12 25 39	7°47'06	9♍42	16°47	25°31	3°23	12°33	12° 2	19°19	18°58	3° 1	19°50	20°29	5°41	n.a.	F 9
S 10	12 29 36	8°44'39	22°37	17° 4	26°44	3°35	12°33	12° 4	19°22	18°56	3° 2	19°49	20°26	5°47	n.a.	S 10
S 11	12 33 32	9°42'10	5♎19	17°26	27°58	3°47	12°R33	12° 7	19°25	18°55	3° 2	19°48	20°23	5°54	n.a.	S 11
M12	12 37 29	10°39'40	17°47	17°52	29°11	3°59	12°33	12° 9	19°28	18°53	3° 3	19°D47	20°20	6° 1	n.a.	M12
T 13	12 41 25	11°37'09	0♏ 3	18°22	0♈25	4°12	12°33	12°11	19°31	18°52	3° 4	19°47	20°16	6° 7	n.a.	T 13
W14	12 45 22	12°34'37	12° 9	18°56	1°38	4°26	12°32	12°13	19°34	18°50	3° 5	19°48	20°13	6°14	n.a.	W14
T 15	12 49 18	13°32'04	24° 7	19°34	2°51	4°40	12°32	12°15	19°37	18°48	3° 5	19°49	20°10	6°21	n.a.	T 15
F 16	12 53 15	14°29'29	5♐59	20°16	4° 5	4°55	12°31	12°17	19°40	18°47	3° 6	19°49	20° 7	6°27	n.a.	F 16
S 17	12 57 11	15°26'54	17°50	21° 2	5°18	5°10	12°30	12°18	19°43	18°45	3° 7	19°50	20° 4	6°34	n.a.	S 17
S 18	13 1 8	16°24'18	29°43	21°51	6°32	5°26	12°29	12°20	19°47	18°44	3° 7	19°50	20° 1	6°41	n.a.	S 18
M19	13 5 5	17°21'41	11♑43	22°44	7°45	5°43	12°27	12°21	19°50	18°42	3° 8	19°50	19°57	6°47	n.a.	M19
T 20	13 9 1	18°19'03	23°54	23°40	8°59	5°59	12°26	12°23	19°53	18°40	3° 8	19°R50	19°54	6°54	n.a.	T 20
W21	13 12 58	19°16'24	6♒20	24°40	10°12	6°17	12°24	12°24	19°56	18°39	3° 9	19°50	19°51	7° 1	n.a.	W21
T 22	13 16 54	20°13'44	19° 6	25°43	11°26	6°34	12°22	12°25	19°59	18°37	3°10	19°D50	19°48	7° 7	n.a.	T 22
F 23	13 20 51	21°11'04	2♓15	26°49	12°39	6°53	12°20	12°26	20° 3	18°35	3°10	19°50	19°45	7°14	n.a.	F 23
S 24	13 24 47	22° 8'23	15°48	27°58	13°53	7°11	12°17	12°27	20° 6	18°34	3°11	19°50	19°41	7°21	n.a.	S 24
S 25	13 28 44	23° 5'41	29°45	29°10	15° 6	7°31	12°15	12°28	20° 9	18°32	3°11	19°51	19°38	7°28	n.a.	S 25
M26	13 32 40	24° 2'58	14♈ 5	0♈25	16°20	7°50	12°12	12°29	20°12	18°31	3°11	19°R51	19°35	7°34	n.a.	M26
T 27	13 36 37	25° 0'14	28°42	1°43	17°33	8°10	12° 9	12°30	20°16	18°29	3°12	19°51	19°32	7°41	n.a.	T 27
W28	13 40 34	25°57'30	13♉31	3° 4	18°47	8°31	12° 6	12°31	20°19	18°27	3°12	19°50	19°29	7°48	n.a.	W28
T 29	13 44 30	26°54'45	28°24	4°27	20° 0	8°52	12° 3	12°31	20°22	18°26	3°13	19°50	19°26	7°54	n.a.	T 29
F 30	13 48 27	27♈51'59	13♊14	5♈54	21♈14	9♌13	11♐59	12♑32	20♉26	18♎24	3♒13	19♈49	19♈22	8♐ 1	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 2	20n 7	2n33	5s35	0s31	7s 4	1s28	22n47	2n52	22s28	0n12	23s45	0s27	17n39	0s 5	5s42	2n 5	33s18	13s54	7n54	8n18	24s57		n.a.
F 2	0 26	24 40	3 37	5 57	0 46	6 34	1 27	22 43	2 50	22 28	0 12	23 45	0 27	17 40	0 5	5 42	2 5	33 18	13 54	7 55	8 16	24 59		n.a.
S 3	0 49	27 40	4 27	6 17	1 1	6 5	1 27	22 39	2 47	22 28	0 11	23 45	0 27	17 41	0 5	5 41	2 5	33 18	13 54	7 55	8 15	25 1		n.a.
S 4	1 12	28 49	5 0	6 34	1 15	5 35	1 26	22 34	2 44	22 29	0 11	23 45	0 27	17 42	0 5	5 40	2 5	33 18	13 55	7 55	8 14	25 3		n.a.
M 5	1 36	28 6	5 15	6 49	1 29	5 5	1 25	22 30	2 42	22 29	0 11	23 45	0 27	17 42	0 5	5 40	2 5	33 19	13 55	7 55	8 13	25 5		n.a.
T 6	1 59	25 39	5 11	7 1	1 42	4 35	1 24	22 25	2 39	22 29	0 11	23 45	0 27	17 43	0 5	5 39	2 5	33 19	13 55	7 55	8 11	25 7		n.a.
W 7	2 22	21 46	4 50	7 11	1 54	4 4	1 24	22 20	2 37	22 29	0 11	23 45	0 27	17 44	0 5	5 39	2 5	33 19	13 56	7 54	8 10	25 8		n.a.
T 8	2 45	16 50	4 14	7 18	2 5	3 34	1 23	22 15	2 34	22 30	0 11	23 44	0 27	17 45	0 5	5 38	2 5	33 19	13 56	7 53	8 9	25 10		n.a.
F 9	3 8	11 12	3 24	7 22	2 15	3 4	1 22	22 10	2 32	22 30	0 11	23 44	0 28	17 46	0 5	5 37	2 5	33 19	13 56	7 53	8 8	25 12		n.a.
S 10	3 31	5 11	2 25	7 24	2 24	2 33	1 21	22 5	2 29	22 30	0 11	23 44	0 28	17 46	0 5	5 37	2 5	33 19	13 57	7 52	8 7	25 14		n.a.
S 11	3 54	0s56	1 19	7 23	2 33	2 3	1 20	22 0	2 27	22 30	0 11	23 44	0 28	17 47	0 5	5 36	2 5	33 19	13 57	7 52	8 5	25 16		n.a.
M12	4 17	6 55	0 11	7 20	2 40	1 32	1 19	21 55	2 24	22 30	0 10	23 44	0 28	17 48	0 5	5 36	2 5	33 19	13 57	7 52	8 4	25 18		n.a.
T 13	4 40	12 33	0s57	7 14	2 47	1 1	1 18	21 49	2 22	22 30	0 10	23 44	0 28	17 49	0 5	5 35	2 5	33 19	13 58	7 52	8 3	25 19		n.a.
W14	5 3	17 39	2 1	7 5	2 53	0 30	1 16	21 43	2 19	22 30	0 10	23 44	0 28	17 50	0 5	5 34	2 5	33 20	13 58	7 52	8 2	25 21		n.a.
T 15	5 26	22 0	2 59	6 55	2 58	0n 0	1 15	21 37	2 17	22 30	0 10	23 44	0 28	17 51	0 5	5 34	2 5	33 20	13 58	7 52	8 1	25 23		n.a.
F 16	5 48	25 25	3 49	6 42	3 2	0 31	1 14	21 32	2 15	22 30	0 10	23 44	0 29	17 52	0 5	5 33	2 5	33 20	13 59	7 53	7 59	25 25		n.a.
S 17	6 11	27 44	4 29	6 26	3 5	1 2	1 13	21 25	2 12	22 30	0 10	23 44	0 29	17 52	0 5	5 32	2 5	33 20	13 59	7 53	7 58	25 27		n.a.
S 18	6 33	28 48	4 58	6 9	3 7	1 33	1 11	21 19	2 10	22 30	0 10	23 44	0 29	17 53	0 5	5 32	2 5	33 20	13 59	7 53	7 57	25 28		n.a.
M19	6 56	28 31	5 14	5 49	3 9	2 4	1 10	21 13	2 8	22 30	0 10	23 44	0 29	17 54	0 5	5 31	2 5	33 20	14 0	7 53	7 56	25 30		n.a.
T 20	7 18	26 52	5 16	5 27	3 10	2 35	1 8	21 6	2 5	22 30	0 10	23 44	0 29	17 55	0 5	5 31	2 5	33 21	14 0	7 53	7 54	25 32		n.a.
W21	7 40	23 54	5 4	5 3	3 10	3 5	1 7	21 0	2 3	22 30	0 9	23 44	0 29	17 56	0 5	5 30	2 5	33 21	14 0	7 53	7 53	25 34		n.a.
T 22	8 2	19 43	4 37	4 37	3 9	3 36	1 5	20 53	2 1	22 30	0 9	23 44	0 29	17 57	0 5	5 29	2 5	33 21	14 1	7 53	7 52	25 35		n.a.
F 23	8 24	14 29	3 54	4 9	3 8	4 7	1 3	20 46	1 59	22 30	0 9	23 44	0 29	17 58	0 5	5 29	2 5	33 21	14 1	7 53	7 51	25 37		n.a.
S 24	8 46	8 25	2 58	3 39	3 6	4 37	1 2	20 39	1 57	22 30	0 9	23 44	0 30	17 59	0 5	5 28	2 5	33 21	14 2	7 53	7 50	25 39		n.a.
S 25	9 7	1 46	1 49	3 8	3 3	5 8	1 0	20 32	1 54	22 29	0 9	23 44	0 30	17 59	0 5	5 27	2 5	33 22	14 2	7 53	7 48	25 41		n.a.
M26	9 29	5n 9	0 32	2 34	2 59	5 38	0 58	20 25	1 52	22 29	0 9	23 44	0 30	18 0	0 5	5 27	2 5	33 22	14 2	7 53	7 47	25 42		n.a.
T 27	9 50	11 57	0n49	1 59	2 55	6 8	0 56	20 18	1 50	22 29	0 9	23 44	0 30	18 1	0 5	5 26	2 5	33 22	14 3	7 53	7 46	25 44		n.a.
W28	10 11	18 11	2 8	1 22	2 51	6 38	0 54	20 10	1 48	22 29	0 9	23 44	0 30	18 2	0 5	5 26	2 5	33 22	14 3	7 53	7 45	25 46		n.a.
T 29	10 32	23 21	3 18	0 43	2 45	7 8	0 53	20 3	1 46	22 28	0 8	23 44	0 30	18 3	0 5	5 25	2 5	33 23	14 3	7 53	7 43	25 48		n.a.
F 30	10n53	26n58	4n15	0s 3	2s39	7n38	0s51	19n55	1n44	22s28	0n 8	23s44	0s30	18n 4	0s 5	5s24	2n 5	33s23	14s 4	7n52	7n42	25s49		n.a.

Julian Day Number = 1297823.5, Delta T = 07h53m10s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°05'01, Lahiri = -19°58'01 Julian Calendar 1 Apr. 1160 BCE == Greg. Calendar 21 March 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

MAY 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 23	28♈49'12	27♊53	7♈23	22♈27	9♌35	11°R56	12♑32	20♉29	18°R23	3♒13	19°R48	19♈19	8♐ 8	n.a.	S 1
S 2	13 56 20	29°46'24	12♋16	8°55	23°41	9°57	11♐52	12°32	20°33	18♎21	3°14	19♈47	19°16	8°14	n.a.	S 2
M 3	14 0 16	0♉43'35	26°21	10°30	24°55	10°19	11°48	12°32	20°36	18°19	3°14	19°D47	19°13	8°21	n.a.	M 3
T 4	14 4 13	1°40'44	10♌ 6	12° 7	26° 8	10°42	11°44	12°R32	20°40	18°18	3°14	19°47	19°10	8°28	n.a.	T 4
W 5	14 8 9	2°37'53	23°31	13°48	27°22	11° 5	11°40	12°32	20°43	18°16	3°15	19°48	19° 6	8°34	n.a.	W 5
T 6	14 12 6	3°35'02	6♍37	15°31	28°35	11°29	11°35	12°32	20°46	18°15	3°15	19°49	19° 3	8°41	n.a.	T 6
F 7	14 16 3	4°32'09	19°27	17°16	29°49	11°53	11°31	12°32	20°50	18°13	3°15	19°50	19° 0	8°48	n.a.	F 7
S 8	14 19 59	5°29'15	2♎ 2	19° 4	1♉ 2	12°17	11°26	12°32	20°53	18°12	3°15	19°51	18°57	8°55	n.a.	S 8
S 9	14 23 56	6°26'21	14°26	20°55	2°16	12°42	11°21	12°31	20°57	18°10	3°15	19°R52	18°54	9° 1	n.a.	S 9
M10	14 27 52	7°23'26	26°39	22°48	3°29	13° 7	11°16	12°31	21° 0	18° 9	3°15	19°52	18°51	9° 8	n.a.	M10
T 11	14 31 49	8°20'31	8♏43	24°44	4°43	13°32	11°11	12°30	21° 4	18° 7	3°15	19°51	18°47	9°15	n.a.	T 11
W12	14 35 45	9°17'36	20°42	26°42	5°57	13°58	11° 5	12°29	21° 8	18° 6	3°16	19°49	18°44	9°21	n.a.	W12
T 13	14 39 42	10°14'40	2♐35	28°42	7°10	14°24	11° 0	12°28	21°11	18° 4	3°16	19°46	18°41	9°28	n.a.	T 13
F 14	14 43 38	11°11'44	14°26	0♑44	8°24	14°50	10°54	12°27	21°15	18° 3	3°16	19°43	18°38	9°35	n.a.	F 14
S 15	14 47 35	12° 8'48	26°17	2°48	9°37	15°16	10°48	12°26	21°18	18° 1	3°R16	19°39	18°35	9°41	n.a.	S 15
S 16	14 51 32	13° 5'52	8♑11	4°54	10°51	15°43	10°42	12°25	21°22	18° 0	3°16	19°36	18°32	9°48	n.a.	S 16
M17	14 55 28	14° 2'56	20°11	7° 2	12° 5	16°10	10°36	12°24	21°25	17°58	3°16	19°33	18°28	9°55	n.a.	M17
T 18	14 59 25	15° 0'00	2♒21	9°10	13°18	16°38	10°30	12°23	21°29	17°57	3°16	19°31	18°25	10° 1	n.a.	T 18
W19	15 3 21	15°57'04	14°45	11°19	14°32	17° 6	10°24	12°21	21°32	17°56	3°15	19°D31	18°22	10° 8	n.a.	W19
T 20	15 7 18	16°54'08	27°27	13°30	15°46	17°33	10°18	12°20	21°36	17°54	3°15	19°31	18°19	10°15	n.a.	T 20
F 21	15 11 14	17°51'13	10♓31	15°40	16°59	18° 2	10°11	12°18	21°40	17°53	3°15	19°32	18°16	10°22	n.a.	F 21
S 22	15 15 11	18°48'17	24° 1	17°51	18°13	18°30	10° 4	12°17	21°43	17°52	3°15	19°34	18°12	10°28	n.a.	S 22
S 23	15 19 8	19°45'22	7♈57	20° 1	19°27	18°59	9°58	12°15	21°47	17°50	3°15	19°35	18° 9	10°35	n.a.	S 23
M24	15 23 4	20°42'27	22°19	22°11	20°40	19°28	9°51	12°13	21°50	17°49	3°15	19°R35	18° 6	10°42	n.a.	M24
T 25	15 27 1	21°39'32	7♉ 5	24°21	21°54	19°57	9°44	12°11	21°54	17°48	3°14	19°34	18° 3	10°48	n.a.	T 25
W26	15 30 57	22°36'38	22° 7	26°29	23° 8	20°27	9°37	12° 9	21°58	17°46	3°14	19°32	18° 0	10°55	n.a.	W26
T 27	15 34 54	23°33'44	7♊18	28°37	24°22	20°57	9°30	12° 7	22° 1	17°45	3°14	19°28	17°57	11° 2	n.a.	T 27
F 28	15 38 50	24°30'49	22°27	0♊43	25°35	21°27	9°23	12° 5	22° 5	17°44	3°14	19°23	17°53	11° 8	n.a.	F 28
S 29	15 42 47	25°27'55	7♋25	2°48	26°49	21°57	9°15	12° 2	22° 9	17°43	3°13	19°18	17°50	11°15	n.a.	S 29
S 30	15 46 44	26°25'01	22° 4	4°51	28° 3	22°28	9° 8	12° 0	22°12	17°42	3°13	19°14	17°47	11°22	n.a.	S 30
M31	15 50 40	27♉22'07	6♌19	6♊53	29♉17	22♌59	9♐ 1	11♑57	22♉16	17♎40	3♒13	19♈11	17♈44	11♐28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n14	28n43	4n54	0n39	2s33	8n 8	0s49	19n47	1n42	22s28	0n 8	23s44	0s31	18n 5	0s 5	5s24	2n 5	33s23	14s 4	7n52	7n41	25s51		n.a.
S 2	11 35	28 28	5 14	1 22	2 26	8 37	0 47	19 39	1 40	22 27	0 8	23 45	0 31	18 6	0 5	5 23	2 5	33 23	14 4	7 52	7 40	25 53		n.a.
M 3	11 55	26 22	5 15	2 7	2 18	9 7	0 45	19 31	1 38	22 27	0 8	23 45	0 31	18 7	0 5	5 23	2 5	33 24	14 5	7 52	7 39	25 54		n.a.
T 4	12 15	22 46	4 57	2 53	2 10	9 36	0 43	19 22	1 36	22 26	0 8	23 45	0 31	18 8	0 5	5 22	2 5	33 24	14 5	7 52	7 37	25 56		n.a.
W 5	12 35	18 2	4 24	3 40	2 1	10 5	0 40	19 14	1 34	22 26	0 8	23 45	0 31	18 9	0 5	5 21	2 5	33 24	14 6	7 52	7 36	25 58		n.a.
T 6	12 55	12 35	3 37	4 29	1 52	10 33	0 38	19 6	1 32	22 25	0 7	23 45	0 31	18 10	0 5	5 21	2 5	33 24	14 6	7 52	7 35	25 59		n.a.
F 7	13 15	6 42	2 40	5 19	1 43	11 2	0 36	18 57	1 30	22 25	0 7	23 45	0 31	18 11	0 5	5 20	2 5	33 25	14 6	7 53	7 34	26 1		n.a.
S 8	13 34	0 39	1 37	6 9	1 33	11 30	0 34	18 48	1 28	22 24	0 7	23 45	0 32	18 12	0 5	5 20	2 5	33 25	14 7	7 53	7 32	26 3		n.a.
S 9	13 53	5s19	0 30	7 1	1 23	11 58	0 32	18 39	1 26	22 24	0 7	23 46	0 32	18 13	0 5	5 19	2 5	33 25	14 7	7 53	7 31	26 4		n.a.
M10	14 12	11 1	0s37	7 53	1 13	12 25	0 30	18 30	1 24	22 23	0 7	23 46	0 32	18 13	0 5	5 19	2 5	33 26	14 7	7 53	7 30	26 6		n.a.
T 11	14 31	16 15	1 42	8 47	1 2	12 53	0 27	18 21	1 23	22 23	0 7	23 46	0 32	18 14	0 5	5 18	2 5	33 26	14 8	7 53	7 29	26 7		n.a.
W12	14 50	20 49	2 42	9 40	0 51	13 20	0 25	18 12	1 21	22 22	0 7	23 46	0 32	18 15	0 5	5 18	2 5	33 26	14 8	7 52	7 28	26 9		n.a.
T 13	15 8	24 31	3 34	10 34	0 40	13 46	0 23	18 2	1 19	22 21	0 6	23 46	0 32	18 16	0 5	5 17	2 5	33 27	14 8	7 51	7 26	26 11		n.a.
F 14	15 26	27 9	4 17	11 28	0 29	14 13	0 21	17 53	1 17	22 21	0 6	23 47	0 32	18 17	0 5	5 16	2 5	33 27	14 9	7 50	7 25	26 12		n.a.
S 15	15 44	28 35	4 48	12 22	0 18	14 39	0 18	17 43	1 15	22 20	0 6	23 47	0 33	18 18	0 5	5 16	2 5	33 27	14 9	7 49	7 24	26 14		n.a.
S 16	16 2	28 42	5 8	13 16	0 7	15 4	0 16	17 33	1 14	22 19	0 6	23 47	0 33	18 19	0 5	5 15	2 5	33 28	14 10	7 47	7 23	26 16		n.a.
M17	16 19	27 27	5 14	14 9	0n 4	15 30	0 14	17 23	1 12	22 19	0 6	23 47	0 33	18 20	0 5	5 15	2 5	33 28	14 10	7 46	7 21	26 17		n.a.
T 18	16 36	24 55	5 6	15 1	0 15	15 55	0 11	17 13	1 10	22 18	0 6	23 48	0 33	18 21	0 5	5 14	2 5	33 28	14 10	7 46	7 20	26 19		n.a.
W19	16 53	21 11	4 44	15 52	0 25	16 19	0 9	17 3	1 8	22 17	0 6	23 48	0 33	18 22	0 5	5 14	2 5	33 29	14 11	7 45	7 19	26 20		n.a.
T 20	17 10	16 25	4 8	16 42	0 35	16 43	0 7	16 53	1 7	22 16	0 5	23 48	0 33	18 23	0 5	5 13	2 5	33 29	14 11	7 46	7 18	26 22		n.a.
F 21	17 26	10 47	3 18	17 31	0 45	17 7	0 4	16 42	1 5	22 16	0 5	23 49	0 33	18 24	0 5	5 13	2 4	33 30	14 11	7 46	7 16	26 23		n.a.
S 22	17 42	4 29	2 16	18 18	0 54	17 30	0 2	16 32	1 3	22 15	0 5	23 49	0 33	18 25	0 5	5 12	2 4	33 30	14 12	7 47	7 15	26 25		n.a.
S 23	17 58	2n14	1 3	19 3	1 3	17 53	0n 1	16 21	1 2	22 14	0 5	23 49	0 34	18 26	0 5	5 12	2 4	33 30	14 12	7 47	7 14	26 26		n.a.
M24	18 13	9 3	0n15	19 45	1 11	18 16	0 3	16 10	1 0	22 13	0 5	23 49	0 34	18 27	0 5	5 11	2 4	33 31	14 12	7 47	7 13	26 28		n.a.
T 25	18 29	15 35	1 34	20 26	1 18	18 38	0 5	16 0	0 58	22 12	0 5	23 50	0 34	18 28	0 5	5 11	2 4	33 31	14 13	7 47	7 12	26 29		n.a.
W26	18 44	21 18	2 48	21 4	1 25	18 59	0 8	15 48	0 57	22 11	0 4	23 50	0 34	18 29	0 5	5 11	2 4	33 32	14 13	7 46	7 10	26 31		n.a.
T 27	18 58	25 41	3 51	21 40	1 31	19 20	0 10	15 37	0 55	22 10	0 4	23 50	0 34	18 30	0 5	5 10	2 4	33 32	14 13	7 44	7 9	26 33		n.a.
F 28	19 13	28 14	4 37	22 13	1 37	19 40	0 12	15 26	0 54	22 9	0 4	23 51	0 34	18 31	0 5	5 10	2 4	33 32	14 14	7 43	7 8	26 34		n.a.
S 29	19 27	28 41	5 4	22 44	1 42	20 0	0 15	15 14	0 52	22 8	0 4	23 51	0 34	18 32	0 5	5 9	2 4	33 33	14 14	7 41	7 7	26 36		n.a.
S 30	19 40	27 6	5 10	23 11	1 46	20 20	0 17	15 3	0 51	22 7	0 4	23 51	0 35	18 33	0 5	5 9	2 4	33 33	14 15	7 39	7 5	26 37		n.a.
M31	19n54	23n47	4n57	23n37	1n49	20n39	0n19	14n51	0n49	22s 6	0n 4	23s52	0s35	18n34	0s 5	5s 8	2n 4	33s34	14s15	7n38	7n 4	26s38		n.a.

Julian Day Number = 1297853.5, Delta T = 07h53m09s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'57, Lahiri = -19°57'57 Julian Calendar 1 May 1160 BCE == Greg. Calendar 20 Apr. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

JUNE 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 37	28♉19'13	20♌ 7	8♊53	0♊30	23♌30	8°R53	11°R55	22♉19	17°R39	3°R12	19°R 9	17♈41	11♐35	n.a.	T 1
W 2	15 58 33	29°16'19	3♍29	10°52	1°44	24° 1	8♐46	11♑52	22°23	17♎38	3♒12	19°D 9	17°38	11°42	n.a.	W 2
T 3	16 2 30	0♊13'25	16°29	12°48	2°58	24°32	8°38	11°49	22°26	17°37	3°11	19♈10	17°34	11°49	n.a.	T 3
F 4	16 6 26	1°10'31	29° 8	14°43	4°12	25° 4	8°31	11°47	22°30	17°36	3°11	19°11	17°31	11°55	n.a.	F 4
S 5	16 10 23	2° 7'37	11♎31	16°36	5°26	25°36	8°23	11°44	22°34	17°35	3°10	19°12	17°28	12° 2	n.a.	S 5
S 6	16 14 19	3° 4'43	23°42	18°27	6°39	26° 8	8°15	11°41	22°37	17°34	3°10	19°R12	17°25	12° 9	n.a.	S 6
M 7	16 18 16	4° 1'50	5♏43	20°16	7°53	26°40	8° 8	11°38	22°41	17°33	3° 9	19°11	17°22	12°15	n.a.	M 7
T 8	16 22 13	4°58'57	17°39	22° 3	9° 7	27°13	8° 0	11°35	22°44	17°32	3° 9	19° 7	17°18	12°22	n.a.	T 8
W 9	16 26 9	5°56'05	29°32	23°49	10°21	27°45	7°52	11°32	22°48	17°31	3° 8	19° 2	17°15	12°29	n.a.	W 9
T 10	16 30 6	6°53'13	11♐23	25°32	11°35	28°18	7°45	11°28	22°51	17°30	3° 8	18°54	17°12	12°35	n.a.	T 10
F 11	16 34 2	7°50'22	23°14	27°14	12°49	28°51	7°37	11°25	22°55	17°29	3° 7	18°46	17° 9	12°42	n.a.	F 11
S 12	16 37 59	8°47'32	5♑ 8	28°54	14° 3	29°25	7°29	11°22	22°58	17°28	3° 7	18°36	17° 6	12°49	n.a.	S 12
S 13	16 41 55	9°44'43	17° 5	0♋32	15°16	29°58	7°21	11°18	23° 2	17°27	3° 6	18°27	17° 3	12°56	n.a.	S 13
M14	16 45 52	10°41'54	29° 9	2° 8	16°30	0♍32	7°14	11°15	23° 5	17°27	3° 5	18°19	16°59	13° 2	n.a.	M14
T 15	16 49 49	11°39'07	11♒21	3°42	17°44	1° 6	7° 6	11°11	23° 9	17°26	3° 5	18°13	16°56	13° 9	n.a.	T 15
W16	16 53 45	12°36'20	23°46	5°15	18°58	1°40	6°58	11° 7	23°12	17°25	3° 4	18° 9	16°53	13°16	n.a.	W16
T 17	16 57 42	13°33'35	6♓25	6°45	20°12	2°14	6°51	11° 4	23°16	17°24	3° 3	18° 8	16°50	13°22	n.a.	T 17
F 18	17 1 38	14°30'50	19°25	8°14	21°26	2°48	6°43	11° 0	23°19	17°24	3° 2	18°D 7	16°47	13°29	n.a.	F 18
S 19	17 5 35	15°28'07	2♈47	9°41	22°40	3°23	6°35	10°56	23°23	17°23	3° 2	18° 8	16°44	13°36	n.a.	S 19
S 20	17 9 31	16°25'25	16°35	11° 6	23°54	3°58	6°28	10°52	23°26	17°22	3° 1	18°R 9	16°40	13°42	n.a.	S 20
M21	17 13 28	17°22'44	0♉49	12°29	25° 8	4°33	6°20	10°48	23°29	17°22	3° 0	18° 8	16°37	13°49	n.a.	M21
T 22	17 17 24	18°20'05	15°30	13°50	26°22	5° 8	6°13	10°44	23°33	17°21	2°59	18° 5	16°34	13°56	n.a.	T 22
W23	17 21 21	19°17'27	0♊31	15° 8	27°36	5°43	6° 6	10°40	23°36	17°21	2°58	18° 0	16°31	14° 3	n.a.	W23
T 24	17 25 18	20°14'50	15°45	16°25	28°50	6°18	5°58	10°36	23°39	17°20	2°58	17°53	16°28	14° 9	n.a.	T 24
F 25	17 29 14	21°12'14	1♋ 1	17°40	0♋ 4	6°54	5°51	10°32	23°43	17°20	2°57	17°44	16°24	14°16	n.a.	F 25
S 26	17 33 11	22° 9'39	16°10	18°52	1°18	7°30	5°44	10°28	23°46	17°19	2°56	17°35	16°21	14°23	n.a.	S 26
S 27	17 37 7	23° 7'05	1♌ 0	20° 2	2°32	8° 6	5°37	10°24	23°49	17°19	2°55	17°26	16°18	14°29	n.a.	S 27
M28	17 41 4	24° 4'32	15°25	21°10	3°46	8°42	5°30	10°20	23°52	17°18	2°54	17°19	16°15	14°36	n.a.	M28
T 29	17 45 0	25° 2'00	29°21	22°16	5° 0	9°18	5°23	10°15	23°56	17°18	2°53	17°14	16°12	14°43	n.a.	T 29
W30	17 48 57	25♊59'29	12♍47	23♋18	6♋14	9♍55	5♐16	10♑11	23♉59	17♎18	2♒52	17♈12	16♈ 9	14♐50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 7	19n14	4n27	23n59	1n52	20n57	0n22	14n39	0n48	22s 5	0n 3	23s52	0s35	18n35	0s 5	5s 8	2n 4	33s34	14s15	7n37	7n 3	26s40		n.a.
W 2	20 20	13 50	3 43	24 20	1 54	21 14	0 24	14 27	0 46	22 4	0 3	23 53	0 35	18 35	0 5	5 8	2 4	33 35	14 16	7 37	7 2	26 41		n.a.
T 3	20 32	8 0	2 48	24 37	1 56	21 32	0 26	14 15	0 44	22 3	0 3	23 53	0 35	18 36	0 5	5 7	2 4	33 35	14 16	7 37	7 0	26 43		n.a.
F 4	20 44	1 59	1 47	24 52	1 56	21 48	0 28	14 3	0 43	22 2	0 3	23 53	0 35	18 37	0 5	5 7	2 4	33 35	14 16	7 38	6 59	26 44		n.a.
S 5	20 56	3s59	0 42	25 5	1 57	22 4	0 31	13 51	0 42	22 1	0 3	23 54	0 35	18 38	0 5	5 7	2 4	33 36	14 17	7 38	6 58	26 46		n.a.
S 6	21 7	9 43	0s24	25 15	1 56	22 19	0 33	13 38	0 40	22 0	0 3	23 54	0 36	18 39	0 5	5 6	2 4	33 36	14 17	7 38	6 57	26 47		n.a.
M 7	21 18	15 2	1 28	25 23	1 55	22 34	0 35	13 26	0 39	21 59	0 2	23 55	0 36	18 40	0 5	5 6	2 4	33 37	14 17	7 38	6 56	26 49		n.a.
T 8	21 29	19 44	2 28	25 29	1 53	22 48	0 37	13 13	0 37	21 58	0 2	23 55	0 36	18 41	0 5	5 6	2 4	33 37	14 18	7 36	6 54	26 50		n.a.
W 9	21 39	23 38	3 20	25 32	1 51	23 1	0 39	13 1	0 36	21 57	0 2	23 55	0 36	18 42	0 5	5 5	2 4	33 38	14 18	7 34	6 53	26 51		n.a.
T 10	21 49	26 32	4 4	25 34	1 48	23 14	0 41	12 48	0 34	21 56	0 2	23 56	0 36	18 43	0 5	5 5	2 4	33 38	14 18	7 31	6 52	26 53		n.a.
F 11	21 59	28 16	4 37	25 33	1 45	23 26	0 44	12 35	0 33	21 55	0 2	23 56	0 36	18 44	0 5	5 5	2 3	33 39	14 18	7 28	6 51	26 54		n.a.
S 12	22 8	28 41	4 58	25 31	1 41	23 37	0 46	12 21	0 32	21 54	0 2	23 57	0 36	18 45	0 5	5 4	2 3	33 39	14 19	7 24	6 49	26 56		n.a.
S 13	22 17	27 47	5 6	25 27	1 37	23 48	0 48	12 8	0 30	21 52	0 2	23 57	0 36	18 46	0 5	5 4	2 3	33 39	14 19	7 21	6 48	26 57		n.a.
M14	22 25	25 34	5 1	25 21	1 32	23 58	0 50	11 55	0 29	21 51	0 1	23 57	0 37	18 47	0 5	5 4	2 3	33 40	14 19	7 18	6 47	26 58		n.a.
T 15	22 33	22 10	4 42	25 13	1 26	24 7	0 52	11 41	0 27	21 50	0 1	23 58	0 37	18 47	0 5	5 4	2 3	33 40	14 20	7 16	6 46	27 0		n.a.
W16	22 41	17 44	4 9	25 4	1 21	24 15	0 53	11 28	0 26	21 49	0 1	23 58	0 37	18 48	0 5	5 3	2 3	33 41	14 20	7 14	6 44	27 1		n.a.
T 17	22 48	12 27	3 24	24 54	1 14	24 23	0 55	11 14	0 25	21 48	0 1	23 59	0 37	18 49	0 5	5 3	2 3	33 41	14 20	7 13	6 43	27 3		n.a.
F 18	22 55	6 31	2 28	24 42	1 8	24 30	0 57	11 0	0 23	21 47	0 1	23 59	0 37	18 50	0 5	5 3	2 3	33 42	14 21	7 13	6 42	27 4		n.a.
S 19	23 2	0 7	1 21	24 29	1 1	24 37	0 59	10 46	0 22	21 46	0 1	24 0	0 37	18 51	0 5	5 3	2 3	33 42	14 21	7 14	6 41	27 5		n.a.
S 20	23 8	6n30	0 8	24 15	0 53	24 42	1 1	10 32	0 21	21 44	0 0	24 0	0 37	18 52	0 5	5 2	2 3	33 43	14 21	7 14	6 39	27 7		n.a.
M21	23 13	13 0	1n 7	23 59	0 45	24 47	1 2	10 18	0 20	21 43	0 0	24 1	0 37	18 53	0 5	5 2	2 3	33 43	14 21	7 14	6 38	27 8		n.a.
T 22	23 19	18 59	2 21	23 43	0 37	24 51	1 4	10 4	0 18	21 42	0 0	24 1	0 38	18 54	0 5	5 2	2 3	33 44	14 22	7 13	6 37	27 9		n.a.
W23	23 24	23 57	3 26	23 26	0 28	24 54	1 6	9 50	0 17	21 41	0s 0	24 1	0 38	18 54	0 5	5 2	2 3	33 44	14 22	7 11	6 36	27 10		n.a.
T 24	23 28	27 19	4 17	23 8	0 20	24 57	1 7	9 35	0 16	21 40	0 0	24 2	0 38	18 55	0 5	5 2	2 3	33 45	14 22	7 8	6 35	27 12		n.a.
F 25	23 32	28 40	4 51	22 49	0 10	24 59	1 9	9 21	0 15	21 39	0 0	24 2	0 38	18 56	0 5	5 2	2 3	33 45	14 23	7 4	6 33	27 13		n.a.
S 26	23 36	27 51	5 3	22 30	0 1	25 0	1 10	9 6	0 13	21 38	0 1	24 3	0 38	18 57	0 5	5 2	2 3	33 46	14 23	7 1	6 32	27 14		n.a.
S 27	23 39	25 3	4 55	22 10	0s 9	25 0	1 12	8 51	0 12	21 36	0 1	24 3	0 38	18 58	0 5	5 1	2 2	33 46	14 23	6 57	6 31	27 16		n.a.
M28	23 42	20 44	4 28	21 49	0 19	25 0	1 13	8 37	0 11	21 35	0 1	24 4	0 38	18 59	0 5	5 1	2 2	33 47	14 23	6 55	6 30	27 17		n.a.
T 29	23 44	15 24	3 46	21 29	0 30	24 59	1 14	8 22	0 10	21 34	0 1	24 4	0 38	18 59	0 5	5 1	2 2	33 47	14 24	6 53	6 28	27 18		n.a.
W30	23n46	9n31	2n52	21n 8	0s40	24n57	1n16	8n 7	0n 8	21s33	0s 1	24s 5	0s38	19n 0	0s 5	5s 1	2n 2	33s48	14s24	6n52	6n27	27s19		n.a.

Julian Day Number = 1297884.5, Delta T = 07h53m07s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'53, Lahiri = -19°57'53 Julian Calendar 1 June 1160 BCE == Greg. Calendar 21 May 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

JULY 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 53	26♊56'59	25♍47	24♋18	7♋28	10♍31	5°R 9	10°R 7	24♉ 2	17°R17	2°R51	17°D11	16♈ 5	14♐56	n.a.	T 1
F 2	17 56 50	27°54'30	8♎23	25°16	8°43	11° 8	5♐ 3	10♑ 2	24° 5	17♎17	2♒50	17♈11	16° 2	15° 3	n.a.	F 2
S 3	18 0 47	28°52'02	20°42	26°10	9°57	11°45	4°56	9°58	24° 8	17°17	2°49	17°R11	15°59	15°10	n.a.	S 3
S 4	18 4 43	29°49'35	2♏47	27° 1	11°11	12°22	4°50	9°54	24°11	17°16	2°48	17°10	15°56	15°16	n.a.	S 4
M 5	18 8 40	0♋47'09	14°43	27°50	12°25	12°59	4°44	9°49	24°15	17°16	2°47	17° 7	15°53	15°23	n.a.	M 5
T 6	18 12 36	1°44'44	26°34	28°34	13°39	13°36	4°38	9°45	24°18	17°16	2°46	17° 2	15°50	15°30	n.a.	T 6
W 7	18 16 33	2°42'21	8♐25	29°15	14°53	14°14	4°32	9°40	24°21	17°16	2°45	16°53	15°46	15°36	n.a.	W 7
T 8	18 20 29	3°39'59	20°16	29°53	16° 7	14°51	4°26	9°36	24°24	17°16	2°44	16°42	15°43	15°43	n.a.	T 8
F 9	18 24 26	4°37'39	2♑10	0♌26	17°21	15°29	4°20	9°31	24°27	17°16	2°43	16°29	15°40	15°50	n.a.	F 9
S 10	18 28 23	5°35'20	14°10	0°55	18°35	16° 7	4°14	9°27	24°29	17°D16	2°42	16°16	15°37	15°57	n.a.	S 10
S 11	18 32 19	6°33'02	26°15	1°20	19°49	16°45	4° 9	9°22	24°32	17°16	2°41	16° 3	15°34	16° 3	n.a.	S 11
M12	18 36 16	7°30'47	8♒27	1°40	21° 4	17°23	4° 4	9°18	24°35	17°16	2°40	15°51	15°30	16°10	n.a.	M12
T 13	18 40 12	8°28'32	20°48	1°55	22°18	18° 1	3°58	9°13	24°38	17°16	2°39	15°41	15°27	16°17	n.a.	T 13
W14	18 44 9	9°26'20	3♓19	2° 5	23°32	18°39	3°53	9° 9	24°41	17°16	2°38	15°35	15°24	16°23	n.a.	W14
T 15	18 48 5	10°24'10	16° 3	2°R10	24°46	19°18	3°49	9° 4	24°44	17°16	2°36	15°31	15°21	16°30	n.a.	T 15
F 16	18 52 2	11°22'01	29° 2	2° 9	26° 0	19°56	3°44	9° 0	24°46	17°16	2°35	15°29	15°18	16°37	n.a.	F 16
S 17	18 55 58	12°19'54	12♈20	2° 2	27°14	20°35	3°39	8°55	24°49	17°16	2°34	15°29	15°15	16°44	n.a.	S 17
S 18	18 59 55	13°17'49	26° 0	1°50	28°28	21°14	3°35	8°50	24°52	17°17	2°33	15°29	15°11	16°50	n.a.	S 18
M19	19 3 52	14°15'47	10♉ 3	1°31	29°43	21°53	3°31	8°46	24°54	17°17	2°32	15°28	15° 8	16°57	n.a.	M19
T 20	19 7 48	15°13'46	24°30	1° 7	0♌57	22°32	3°27	8°41	24°57	17°17	2°31	15°24	15° 5	17° 4	n.a.	T 20
W21	19 11 45	16°11'48	9♊17	0°36	2°11	23°12	3°23	8°37	25° 0	17°18	2°29	15°18	15° 2	17°10	n.a.	W21
T 22	19 15 41	17° 9'51	24°19	0° 0	3°25	23°51	3°19	8°33	25° 2	17°18	2°28	15°10	14°59	17°17	n.a.	T 22
F 23	19 19 38	18° 7'57	9♋27	29♋19	4°39	24°30	3°15	8°28	25° 5	17°18	2°27	14°59	14°56	17°24	n.a.	F 23
S 24	19 23 34	19° 6'04	24°31	28°33	5°54	25°10	3°12	8°24	25° 7	17°19	2°26	14°48	14°52	17°30	n.a.	S 24
S 25	19 27 31	20° 4'13	9♌21	27°42	7° 8	25°50	3° 9	8°19	25°10	17°19	2°25	14°37	14°49	17°37	n.a.	S 25
M26	19 31 27	21° 2'24	23°49	26°48	8°22	26°30	3° 6	8°15	25°12	17°20	2°23	14°28	14°46	17°44	n.a.	M26
T 27	19 35 24	22° 0'37	7♍49	25°51	9°36	27°10	3° 3	8°11	25°14	17°20	2°22	14°22	14°43	17°51	n.a.	T 27
W28	19 39 21	22°58'51	21°20	24°53	10°50	27°50	3° 1	8° 6	25°17	17°21	2°21	14°18	14°40	17°57	n.a.	W28
T 29	19 43 17	23°57'07	4♎23	23°55	12° 5	28°30	2°58	8° 2	25°19	17°21	2°20	14°16	14°36	18° 4	n.a.	T 29
F 30	19 47 14	24°55'24	17° 2	22°58	13°19	29°10	2°56	7°58	25°21	17°22	2°19	14°D16	14°33	18°11	n.a.	F 30
S 31	19 51 10	25♋53'43	29♎21	22♋ 3	14♌33	29♍51	2♐54	7♑53	25♉23	17♎23	2♒17	14°R16	14♈30	18♐17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	3n24	1n51	20n46	0s51	24n54	1n17	7n51	0n 7	21s32	0s 1	24s 5	0s39	19n 1	0s 5	5s 1	2n 2	33s48	14s24	6n51	6n26	27s21			n.a.
F 2	23 49	2s40	0 47	20 25	1 2	24 50	1 18	7 36	0 6	21 31	0 2	24 5	0 39	19 2	0 5	5 1	2 2	33 48	14 24	6 52	6 25	27 22			n.a.
S 3	23 50	8 30	0s19	20 4	1 13	24 46	1 19	7 21	0 5	21 30	0 2	24 6	0 39	19 3	0 5	5 1	2 2	33 49	14 25	6 52	6 23	27 23			n.a.
S 4	23 50	13 55	1 22	19 43	1 25	24 41	1 20	7 5	0 4	21 29	0 2	24 6	0 39	19 3	0 5	5 1	2 2	33 49	14 25	6 51	6 22	27 24			n.a.
M 5	23 50	18 45	2 20	19 22	1 36	24 35	1 21	6 50	0 3	21 28	0 2	24 7	0 39	19 4	0 5	5 1	2 2	33 50	14 25	6 50	6 21	27 26			n.a.
T 6	23 49	22 49	3 12	19 2	1 48	24 29	1 22	6 34	0 1	21 27	0 2	24 7	0 39	19 5	0 5	5 1	2 2	33 50	14 25	6 48	6 20	27 27			n.a.
W 7	23 48	25 57	3 56	18 42	2 0	24 22	1 23	6 19	0 0	21 26	0 2	24 8	0 39	19 6	0 5	5 1	2 2	33 51	14 25	6 44	6 18	27 28			n.a.
T 8	23 47	27 57	4 29	18 22	2 11	24 14	1 24	6 3	0s 1	21 25	0 3	24 8	0 39	19 6	0 5	5 1	2 2	33 51	14 26	6 40	6 17	27 29			n.a.
F 9	23 45	28 40	4 51	18 4	2 23	24 5	1 24	5 47	0 2	21 24	0 3	24 9	0 39	19 7	0 5	5 1	2 2	33 52	14 26	6 35	6 16	27 30			n.a.
S 10	23 43	28 2	5 0	17 46	2 35	23 56	1 25	5 31	0 3	21 23	0 3	24 9	0 40	19 8	0 5	5 1	2 2	33 52	14 26	6 30	6 15	27 32			n.a.
S 11	23 40	26 5	4 55	17 29	2 46	23 45	1 26	5 15	0 4	21 22	0 3	24 9	0 40	19 9	0 4	5 1	2 2	33 53	14 26	6 25	6 13	27 33			n.a.
M12	23 37	22 54	4 37	17 14	2 58	23 35	1 26	4 59	0 5	21 22	0 3	24 10	0 40	19 9	0 4	5 1	2 1	33 53	14 26	6 20	6 12	27 34			n.a.
T 13	23 34	18 41	4 6	16 59	3 9	23 23	1 27	4 43	0 6	21 21	0 3	24 10	0 40	19 10	0 4	5 1	2 1	33 54	14 27	6 16	6 11	27 35			n.a.
W14	23 30	13 36	3 23	16 47	3 20	23 11	1 27	4 27	0 7	21 20	0 3	24 11	0 40	19 11	0 4	5 2	2 1	33 54	14 27	6 14	6 10	27 36			n.a.
T 15	23 25	7 52	2 29	16 35	3 30	22 58	1 28	4 11	0 8	21 19	0 4	24 11	0 40	19 12	0 4	5 2	2 1	33 54	14 27	6 12	6 8	27 37			n.a.
F 16	23 20	1 42	1 26	16 26	3 40	22 44	1 28	3 54	0 9	21 18	0 4	24 11	0 40	19 12	0 4	5 2	2 1	33 55	14 27	6 12	6 7	27 39			n.a.
S 17	23 15	4n42	0 17	16 18	3 49	22 30	1 28	3 38	0 11	21 18	0 4	24 12	0 40	19 13	0 4	5 2	2 1	33 55	14 27	6 12	6 6	27 40			n.a.
S 18	23 9	11 4	0n55	16 13	3 58	22 15	1 28	3 21	0 12	21 17	0 4	24 12	0 40	19 14	0 4	5 2	2 1	33 56	14 27	6 12	6 5	27 41			n.a.
M19	23 3	17 4	2 6	16 10	4 6	21 59	1 28	3 5	0 13	21 16	0 4	24 13	0 40	19 14	0 4	5 2	2 1	33 56	14 27	6 11	6 3	27 42			n.a.
T 20	22 57	22 17	3 10	16 9	4 12	21 43	1 28	2 48	0 14	21 16	0 4	24 13	0 40	19 15	0 4	5 2	2 1	33 57	14 28	6 10	6 2	27 43			n.a.
W21	22 50	26 13	4 3	16 10	4 17	21 26	1 28	2 31	0 15	21 15	0 4	24 13	0 41	19 15	0 4	5 3	2 1	33 57	14 28	6 7	6 1	27 44			n.a.
T 22	22 43	28 23	4 41	16 14	4 21	21 8	1 28	2 15	0 16	21 15	0 5	24 14	0 41	19 16	0 4	5 3	2 1	33 58	14 28	6 4	6 0	27 45			n.a.
F 23	22 35	28 27	4 59	16 20	4 24	20 50	1 28	1 58	0 17	21 14	0 5	24 14	0 41	19 17	0 4	5 3	2 1	33 58	14 28	6 0	5 58	27 46			n.a.
S 24	22 27	26 25	4 56	16 28	4 25	20 32	1 28	1 41	0 18	21 13	0 5	24 15	0 41	19 17	0 4	5 3	2 1	33 58	14 28	5 55	5 57	27 47			n.a.
S 25	22 18	22 35	4 33	16 39	4 24	20 12	1 27	1 24	0 19	21 13	0 5	24 15	0 41	19 18	0 4	5 3	2 1	33 59	14 28	5 51	5 56	27 48			n.a.
M26	22 9	17 28	3 53	16 53	4 21	19 52	1 27	1 7	0 20	21 13	0 5	24 15	0 41	19 19	0 4	5 4	2 0	33 59	14 28	5 48	5 55	27 49			n.a.
T 27	22 0	11 33	3 0	17 8	4 16	19 32	1 27	0 50	0 21	21 12	0 5	24 16	0 41	19 19	0 4	5 4	2 0	34 0	14 28	5 45	5 53	27 50			n.a.
W28	21 50	5 18	1 58	17 25	4 9	19 11	1 26	0 33	0 21	21 12	0 5	24 16	0 41	19 20	0 4	5 4	2 0	34 0	14 28	5 44	5 52	27 51			n.a.
T 29	21 40	0s59	0 52	17 44	4 0	18 49	1 25	0 16	0 22	21 11	0 6	24 16	0 41	19 20	0 4	5 5	2 0	34 0	14 29	5 43	5 51	27 53			n.a.
F 30	21 30	7 1	0s15	18 4	3 50	18 27	1 25	0s 1	0 23	21 11	0 6	24 17	0 41	19 21	0 4	5 5	2 0	34 1	14 29	5 43	5 50	27 54			n.a.
S 31	21n19	12s39	1s19	18n25	3s37	18n 5	1n24	0s19	0s24	21s11	0s 6	24s17	0s41	19n21	0s 4	5s 5	2n 0	34s 1	14s29	5n43	5n48	27s55			n.a.

Julian Day Number = 1297914.5, Delta T = 07h53m05s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'49, Lahiri = -19°57'49 Julian Calendar 1 July 1160 BCE == Greg. Calendar 20 June 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

AUGUST 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 55 7	26♋52'04	11♏26	21°R11	15♌47	0♎31	2°R52	7°R49	25♉25	17♎23	2°R16	14°R15	14♈27	18♐24	n.a.	S 1
M 2	19 59 3	27°50'27	23°21	20♋25	17° 1	1°12	2♐50	7♑45	25°28	17°24	2♒15	14♈13	14°24	18°31	n.a.	M 2
T 3	20 3 0	28°48'51	5♐12	19°44	18°15	1°53	2°49	7°41	25°30	17°25	2°14	14° 7	14°21	18°38	n.a.	T 3
W 4	20 6 56	29°47'17	17° 2	19°11	19°30	2°34	2°47	7°37	25°32	17°26	2°12	14° 0	14°17	18°44	n.a.	W 4
T 5	20 10 53	0♌45'46	28°56	18°45	20°44	3°15	2°46	7°33	25°34	17°26	2°11	13°49	14°14	18°51	n.a.	T 5
F 6	20 14 49	1°44'16	10♑56	18°28	21°58	3°56	2°45	7°29	25°35	17°27	2°10	13°37	14°11	18°58	n.a.	F 6
S 7	20 18 46	2°42'48	23° 3	18°D20	23°12	4°37	2°45	7°25	25°37	17°28	2° 9	13°25	14° 8	19° 4	n.a.	S 7
S 8	20 22 43	3°41'22	5♒20	18°21	24°26	5°18	2°44	7°21	25°39	17°29	2° 7	13°12	14° 5	19°11	n.a.	S 8
M 9	20 26 39	4°39'58	17°45	18°31	25°40	6° 0	2°44	7°18	25°41	17°30	2° 6	13° 1	14° 2	19°18	n.a.	M 9
T 10	20 30 36	5°38'36	0♓21	18°51	26°54	6°41	2°D44	7°14	25°43	17°31	2° 5	12°52	13°58	19°25	n.a.	T 10
W11	20 34 32	6°37'16	13° 7	19°20	28° 9	7°23	2°44	7°10	25°44	17°32	2° 4	12°45	13°55	19°31	n.a.	W11
T 12	20 38 29	7°35'59	26° 4	19°58	29°23	8° 5	2°44	7° 7	25°46	17°33	2° 2	12°42	13°52	19°38	n.a.	T 12
F 13	20 42 25	8°34'43	9♈13	20°45	0♍37	8°46	2°44	7° 3	25°48	17°34	2° 1	12°D41	13°49	19°45	n.a.	F 13
S 14	20 46 22	9°33'31	22°37	21°40	1°51	9°28	2°45	7° 0	25°49	17°35	2° 0	12°41	13°46	19°51	n.a.	S 14
S 15	20 50 18	10°32'20	6♉16	22°42	3° 5	10°10	2°46	6°56	25°51	17°36	1°59	12°R41	13°42	19°58	n.a.	S 15
M16	20 54 15	11°31'13	20°12	23°51	4°19	10°52	2°47	6°53	25°52	17°37	1°57	12°41	13°39	20° 5	n.a.	M16
T 17	20 58 12	12°30'08	4♊25	25° 6	5°33	11°35	2°48	6°50	25°54	17°38	1°56	12°39	13°36	20°12	n.a.	T 17
W18	21 2 8	13°29'05	18°53	26°27	6°47	12°17	2°50	6°47	25°55	17°40	1°55	12°35	13°33	20°18	n.a.	W18
T 19	21 6 5	14°28'05	3♋33	27°53	8° 1	12°59	2°51	6°43	25°56	17°41	1°54	12°28	13°30	20°25	n.a.	T 19
F 20	21 10 1	15°27'07	18°19	29°23	9°15	13°42	2°53	6°40	25°58	17°42	1°53	12°20	13°27	20°32	n.a.	F 20
S 21	21 13 58	16°26'11	3♌ 4	0♌57	10°30	14°24	2°55	6°37	25°59	17°43	1°51	12°11	13°23	20°38	n.a.	S 21
S 22	21 17 54	17°25'18	17°38	2°34	11°44	15° 7	2°57	6°35	26° 0	17°45	1°50	12° 3	13°20	20°45	n.a.	S 22
M23	21 21 51	18°24'27	1♍55	4°14	12°58	15°50	3° 0	6°32	26° 1	17°46	1°49	11°55	13°17	20°52	n.a.	M23
T 24	21 25 47	19°23'37	15°50	5°55	14°12	16°33	3° 2	6°29	26° 2	17°47	1°48	11°50	13°14	20°59	n.a.	T 24
W25	21 29 44	20°22'50	29°20	7°39	15°26	17°16	3° 5	6°26	26° 3	17°49	1°47	11°47	13°11	21° 5	n.a.	W25
T 26	21 33 40	21°22'05	12♎24	9°23	16°40	17°59	3° 8	6°24	26° 4	17°50	1°45	11°D47	13° 7	21°12	n.a.	T 26
F 27	21 37 37	22°21'22	25° 6	11° 9	17°54	18°42	3°11	6°21	26° 5	17°52	1°44	11°47	13° 4	21°19	n.a.	F 27
S 28	21 41 34	23°20'41	7♏28	12°55	19° 8	19°25	3°14	6°19	26° 6	17°53	1°43	11°49	13° 1	21°25	n.a.	S 28
S 29	21 45 30	24°20'02	19°35	14°42	20°22	20° 8	3°18	6°17	26° 7	17°55	1°42	11°R50	12°58	21°32	n.a.	S 29
M30	21 49 27	25°19'24	1♐32	16°29	21°36	20°52	3°21	6°15	26° 7	17°56	1°41	11°49	12°55	21°39	n.a.	M30
T 31	21 53 23	26♌18'49	13♐24	18♌15	22♍50	21♎35	3♐25	6♑13	26♉ 8	17♎58	1♒40	11♈48	12♈52	21♐46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 8	17s42	2s19	18n47	3s23	17n41	1n23	0s36	0s25	21s11	0s 6	24s17	0s41	19n22	0s 4	5s 6	2n 0	34s 2	14s29	5n43	5n47	27s56		n.a.
M 2	20 56	22 0	3 11	19 10	3 8	17 18	1 22	0 53	0 26	21 10	0 6	24 18	0 41	19 22	0 4	5 6	2 0	34 2	14 29	5 42	5 46	27 57		n.a.
T 3	20 44	25 22	3 55	19 32	2 51	16 54	1 22	1 10	0 27	21 10	0 6	24 18	0 41	19 23	0 4	5 6	2 0	34 2	14 29	5 40	5 45	27 58		n.a.
W 4	20 32	27 39	4 29	19 54	2 34	16 29	1 21	1 28	0 28	21 10	0 6	24 18	0 42	19 23	0 4	5 7	2 0	34 3	14 29	5 36	5 43	27 59		n.a.
T 5	20 19	28 41	4 51	20 16	2 15	16 4	1 19	1 45	0 29	21 10	0 7	24 18	0 42	19 24	0 4	5 7	2 0	34 3	14 29	5 32	5 42	27 59		n.a.
F 6	20 6	28 22	5 1	20 37	1 57	15 39	1 18	2 2	0 30	21 10	0 7	24 19	0 42	19 24	0 4	5 7	2 0	34 3	14 29	5 28	5 41	28 0		n.a.
S 7	19 53	26 42	4 57	20 56	1 38	15 13	1 17	2 20	0 31	21 10	0 7	24 19	0 42	19 25	0 4	5 8	2 0	34 4	14 29	5 23	5 40	28 1		n.a.
S 8	19 39	23 45	4 39	21 15	1 19	14 47	1 16	2 37	0 31	21 10	0 7	24 19	0 42	19 25	0 4	5 8	2 0	34 4	14 29	5 18	5 38	28 2		n.a.
M 9	19 25	19 42	4 8	21 31	1 1	14 20	1 15	2 55	0 32	21 10	0 7	24 20	0 42	19 26	0 4	5 9	2 0	34 4	14 29	5 13	5 37	28 3		n.a.
T 10	19 10	14 43	3 25	21 46	0 43	13 53	1 13	3 12	0 33	21 10	0 7	24 20	0 42	19 26	0 4	5 9	1 59	34 5	14 29	5 10	5 36	28 4		n.a.
W11	18 56	9 3	2 30	21 59	0 26	13 26	1 12	3 30	0 34	21 10	0 7	24 20	0 42	19 27	0 4	5 9	1 59	34 5	14 29	5 7	5 35	28 5		n.a.
T 12	18 40	2 55	1 27	22 10	0 9	12 58	1 10	3 47	0 35	21 10	0 7	24 20	0 42	19 27	0 4	5 10	1 59	34 5	14 29	5 6	5 33	28 6		n.a.
F 13	18 25	3n26	0 18	22 18	0n 6	12 30	1 9	4 5	0 36	21 11	0 8	24 21	0 42	19 27	0 4	5 10	1 59	34 6	14 29	5 5	5 32	28 7		n.a.
S 14	18 9	9 45	0n53	22 24	0 21	12 2	1 7	4 22	0 36	21 11	0 8	24 21	0 42	19 28	0 4	5 11	1 59	34 6	14 29	5 5	5 31	28 8		n.a.
S 15	17 53	15 45	2 2	22 27	0 34	11 33	1 5	4 40	0 37	21 11	0 8	24 21	0 42	19 28	0 4	5 11	1 59	34 6	14 29	5 6	5 30	28 9		n.a.
M16	17 37	21 4	3 6	22 27	0 47	11 4	1 4	4 57	0 38	21 11	0 8	24 21	0 42	19 28	0 4	5 12	1 59	34 6	14 29	5 6	5 28	28 10		n.a.
T 17	17 20	25 18	4 0	22 25	0 58	10 35	1 2	5 15	0 39	21 12	0 8	24 22	0 42	19 29	0 4	5 12	1 59	34 7	14 29	5 5	5 27	28 11		n.a.
W18	17 3	28 0	4 39	22 20	1 8	10 5	1 0	5 32	0 40	21 12	0 8	24 22	0 42	19 29	0 4	5 13	1 59	34 7	14 29	5 3	5 26	28 11		n.a.
T 19	16 46	28 48	5 1	22 11	1 17	9 36	0 58	5 50	0 40	21 13	0 8	24 22	0 42	19 29	0 4	5 13	1 59	34 7	14 29	5 0	5 25	28 12		n.a.
F 20	16 28	27 33	5 3	22 0	1 25	9 5	0 56	6 7	0 41	21 13	0 8	24 22	0 42	19 30	0 4	5 14	1 59	34 8	14 29	4 57	5 23	28 13		n.a.
S 21	16 10	24 25	4 45	21 46	1 32	8 35	0 54	6 25	0 42	21 14	0 9	24 22	0 42	19 30	0 4	5 14	1 59	34 8	14 29	4 54	5 22	28 14		n.a.
S 22	15 52	19 44	4 8	21 30	1 38	8 5	0 52	6 42	0 43	21 14	0 9	24 23	0 42	19 30	0 4	5 15	1 59	34 8	14 29	4 50	5 21	28 15		n.a.
M23	15 34	14 1	3 17	21 11	1 43	7 34	0 50	7 0	0 43	21 15	0 9	24 23	0 42	19 31	0 4	5 16	1 59	34 8	14 29	4 47	5 20	28 16		n.a.
T 24	15 15	7 44	2 15	20 49	1 46	7 3	0 48	7 17	0 44	21 15	0 9	24 23	0 43	19 31	0 4	5 16	1 59	34 8	14 29	4 45	5 18	28 16		n.a.
W25	14 56	1 17	1 6	20 25	1 49	6 32	0 45	7 35	0 45	21 16	0 9	24 23	0 43	19 31	0 4	5 17	1 59	34 9	14 29	4 44	5 17	28 17		n.a.
T 26	14 37	5s 2	0s 3	19 59	1 52	6 0	0 43	7 52	0 46	21 17	0 9	24 23	0 43	19 31	0 4	5 17	1 58	34 9	14 28	4 44	5 16	28 18		n.a.
F 27	14 17	10 58	1 11	19 31	1 53	5 29	0 41	8 9	0 46	21 17	0 9	24 23	0 43	19 32	0 4	5 18	1 58	34 9	14 28	4 44	5 15	28 19		n.a.
S 28	13 58	16 20	2 14	19 1	1 53	4 57	0 38	8 27	0 47	21 18	0 9	24 23	0 43	19 32	0 4	5 19	1 58	34 9	14 28	4 45	5 13	28 20		n.a.
S 29	13 38	20 57	3 9	18 30	1 53	4 26	0 36	8 44	0 48	21 19	0 9	24 24	0 43	19 32	0 4	5 19	1 58	34 9	14 28	4 45	5 12	28 20		n.a.
M30	13 18	24 39	3 56	17 57	1 53	3 54	0 33	9 1	0 48	21 20	0 10	24 24	0 43	19 32	0 4	5 20	1 58	34 10	14 28	4 45	5 11	28 21		n.a.
T 31	12n57	27s17	4s32	17n22	1n51	3n22	0n31	9s18	0s49	21s21	0s10	24s24	0s43	19n32	0s 4	5s21	1n58	34s10	14s28	4n44	5n10	28s22		n.a.

Julian Day Number = 1297945.5, Delta T = 07h53m04s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'45, Lahiri = -19°57'44 Julian Calendar 1 Aug. 1160 BCE == Greg. Calendar 21 July 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

SEPTEMBER 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 57 20	27♌18'16	25♐16	20♌ 2	24♍ 4	22♎19	3♐29	6°R10	26♉ 9	17♎59	1°R39	11°R44	12♈48	21♐52	n.a.	W 1
T 2	22 1 16	28°17'44	7♑12	21°49	25°18	23° 2	3°34	6♑ 9	26° 9	18° 1	1♒38	11♈38	12°45	21°59	n.a.	T 2
F 3	22 5 13	29°17'15	19°16	23°35	26°32	23°46	3°38	6° 7	26°10	18° 2	1°36	11°32	12°42	22° 6	n.a.	F 3
S 4	22 9 9	0♍16'47	1♒31	25°20	27°45	24°30	3°43	6° 5	26°10	18° 4	1°35	11°24	12°39	22°12	n.a.	S 4
S 5	22 13 6	1°16'22	13°59	27° 6	28°59	25°14	3°47	6° 3	26°11	18° 6	1°34	11°16	12°36	22°19	n.a.	S 5
M 6	22 17 3	2°15'58	26°39	28°50	0♎13	25°57	3°52	6° 2	26°11	18° 7	1°33	11°10	12°33	22°26	n.a.	M 6
T 7	22 20 59	3°15'37	9♓33	0♍34	1°27	26°41	3°57	6° 0	26°11	18° 9	1°32	11° 4	12°29	22°33	n.a.	T 7
W 8	22 24 56	4°15'18	22°41	2°18	2°41	27°25	4° 3	5°59	26°12	18°11	1°31	11° 1	12°26	22°39	n.a.	W 8
T 9	22 28 52	5°15'01	6♈ 0	4° 1	3°55	28°10	4° 8	5°58	26°12	18°13	1°30	11°D 0	12°23	22°46	n.a.	T 9
F 10	22 32 49	6°14'46	19°30	5°43	5° 8	28°54	4°14	5°57	26°12	18°14	1°29	11° 0	12°20	22°53	n.a.	F 10
S 11	22 36 45	7°14'34	3♉11	7°24	6°22	29°38	4°19	5°56	26°12	18°16	1°28	11° 1	12°17	22°59	n.a.	S 11
S 12	22 40 42	8°14'24	17° 2	9° 5	7°36	0♏22	4°25	5°55	26°R12	18°18	1°27	11° 3	12°13	23° 6	n.a.	S 12
M13	22 44 38	9°14'17	1♊ 1	10°46	8°50	1° 7	4°31	5°54	26°12	18°20	1°26	11° 4	12°10	23°13	n.a.	M13
T 14	22 48 35	10°14'12	15° 9	12°25	10° 3	1°51	4°38	5°53	26°12	18°22	1°25	11°R 4	12° 7	23°20	n.a.	T 14
W15	22 52 31	11°14'09	29°24	14° 5	11°17	2°36	4°44	5°53	26°12	18°24	1°24	11° 3	12° 4	23°26	n.a.	W15
T 16	22 56 28	12°14'09	13♋42	15°43	12°31	3°21	4°51	5°52	26°12	18°26	1°24	11° 0	12° 1	23°33	n.a.	T 16
F 17	23 0 25	13°14'11	28° 1	17°21	13°45	4° 5	4°58	5°52	26°12	18°27	1°23	10°57	11°58	23°40	n.a.	F 17
S 18	23 4 21	14°14'16	12♌17	18°59	14°58	4°50	5° 4	5°51	26°11	18°29	1°22	10°53	11°54	23°46	n.a.	S 18
S 19	23 8 18	15°14'22	26°24	20°35	16°12	5°35	5°11	5°51	26°11	18°31	1°21	10°49	11°51	23°53	n.a.	S 19
M20	23 12 14	16°14'31	10♍19	22°12	17°26	6°20	5°19	5°51	26°11	18°33	1°20	10°45	11°48	24° 0	n.a.	M20
T 21	23 16 11	17°14'41	23°56	23°48	18°39	7° 5	5°26	5°D51	26°10	18°35	1°19	10°43	11°45	24° 7	n.a.	T 21
W22	23 20 7	18°14'54	7♎15	25°23	19°53	7°50	5°34	5°51	26°10	18°37	1°19	10°D42	11°42	24°13	n.a.	W22
T 23	23 24 4	19°15'08	20°14	26°58	21° 6	8°35	5°41	5°51	26° 9	18°39	1°18	10°43	11°39	24°20	n.a.	T 23
F 24	23 28 0	20°15'24	2♏53	28°32	22°20	9°20	5°49	5°51	26° 9	18°41	1°17	10°44	11°35	24°27	n.a.	F 24
S 25	23 31 57	21°15'42	15°16	0♎ 6	23°34	10° 5	5°57	5°52	26° 8	18°43	1°16	10°45	11°32	24°33	n.a.	S 25
S 26	23 35 54	22°16'02	27°24	1°40	24°47	10°51	6° 5	5°52	26° 7	18°45	1°16	10°47	11°29	24°40	n.a.	S 26
M27	23 39 50	23°16'23	9♐23	3°13	26° 1	11°36	6°13	5°53	26° 7	18°48	1°15	10°48	11°26	24°47	n.a.	M27
T 28	23 43 47	24°16'46	21°16	4°45	27°14	12°21	6°22	5°54	26° 6	18°50	1°14	10°R49	11°23	24°54	n.a.	T 28
W29	23 47 43	25°17'11	3♑ 8	6°17	28°27	13° 7	6°30	5°55	26° 5	18°52	1°14	10°48	11°19	25° 0	n.a.	W29
T 30	23 51 40	26♍17'37	15♑ 5	7♎49	29♎41	13♏52	6♐39	5♑55	26♉ 4	18♎54	1♒13	10♈47	11♈16	25♐ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n36	28s41	4s56	16n46	1n49	2n50	0n28	9s35	0s50	21s22	0s10	24s24	0s43	19n32	0s 4	5s21	1n58	34s10	14s28	4n43	5n 8	28s23		n.a.
T 2	12 16	28 45	5 8	16 9	1 47	2 18	0 26	9 53	0 50	21 22	0 10	24 24	0 43	19 33	0 4	5 22	1 58	34 10	14 28	4 41	5 7	28 23		n.a.
F 3	11 55	27 28	5 6	15 31	1 44	1 45	0 23	10 10	0 51	21 23	0 10	24 24	0 43	19 33	0 4	5 23	1 58	34 10	14 28	4 38	5 6	28 24		n.a.
S 4	11 33	24 51	4 50	14 52	1 41	1 13	0 20	10 27	0 52	21 24	0 10	24 24	0 43	19 33	0 4	5 23	1 58	34 10	14 27	4 35	5 5	28 25		n.a.
S 5	11 12	21 3	4 20	14 12	1 37	0 41	0 18	10 44	0 52	21 25	0 10	24 24	0 43	19 33	0 4	5 24	1 58	34 11	14 27	4 32	5 3	28 26		n.a.
M 6	10 50	16 14	3 37	13 31	1 33	0 8	0 15	11 0	0 53	21 26	0 10	24 25	0 43	19 33	0 4	5 25	1 58	34 11	14 27	4 29	5 2	28 26		n.a.
T 7	10 29	10 37	2 42	12 50	1 29	0s24	0 12	11 17	0 54	21 28	0 10	24 25	0 43	19 33	0 4	5 25	1 58	34 11	14 27	4 27	5 1	28 27		n.a.
W 8	10 7	4 27	1 38	12 8	1 24	0 56	0 10	11 34	0 54	21 29	0 10	24 25	0 43	19 33	0 4	5 26	1 58	34 11	14 27	4 26	5 0	28 28		n.a.
T 9	9 44	2n 0	0 27	11 25	1 19	1 29	0 7	11 51	0 55	21 30	0 11	24 25	0 43	19 33	0 4	5 27	1 58	34 11	14 27	4 25	4 58	28 28		n.a.
F 10	9 22	8 28	0n46	10 43	1 14	2 1	0 4	12 7	0 55	21 31	0 11	24 25	0 43	19 33	0 4	5 27	1 58	34 11	14 27	4 25	4 57	28 29		n.a.
S 11	9 0	14 37	1 58	9 59	1 9	2 33	0 1	12 24	0 56	21 32	0 11	24 25	0 43	19 33	0 4	5 28	1 58	34 11	14 26	4 26	4 56	28 30		n.a.
S 12	8 37	20 8	3 4	9 16	1 3	3 5	0s 2	12 40	0 56	21 33	0 11	24 25	0 43	19 33	0 4	5 29	1 58	34 11	14 26	4 26	4 55	28 30		n.a.
M13	8 14	24 36	4 0	8 32	0 57	3 38	0 5	12 57	0 57	21 35	0 11	24 25	0 43	19 33	0 4	5 30	1 58	34 11	14 26	4 27	4 53	28 31		n.a.
T 14	7 51	27 39	4 41	7 48	0 51	4 10	0 8	13 13	0 58	21 36	0 11	24 25	0 43	19 33	0 4	5 30	1 58	34 11	14 26	4 27	4 52	28 32		n.a.
W15	7 28	28 56	5 6	7 4	0 45	4 42	0 11	13 29	0 58	21 37	0 11	24 25	0 43	19 33	0 4	5 31	1 57	34 11	14 26	4 26	4 51	28 32		n.a.
T 16	7 5	28 18	5 12	6 19	0 39	5 14	0 13	13 45	0 59	21 38	0 11	24 25	0 43	19 33	0 4	5 32	1 57	34 11	14 25	4 25	4 49	28 33		n.a.
F 17	6 42	25 47	4 59	5 35	0 33	5 46	0 16	14 1	0 59	21 40	0 11	24 25	0 43	19 33	0 4	5 33	1 57	34 11	14 25	4 24	4 48	28 34		n.a.
S 18	6 18	21 40	4 27	4 50	0 26	6 17	0 19	14 17	1 0	21 41	0 11	24 25	0 43	19 33	0 4	5 33	1 57	34 11	14 25	4 22	4 47	28 34		n.a.
S 19	5 55	16 21	3 39	4 6	0 20	6 49	0 22	14 33	1 0	21 43	0 12	24 25	0 43	19 33	0 4	5 34	1 57	34 11	14 25	4 21	4 46	28 35		n.a.
M20	5 31	10 16	2 39	3 21	0 14	7 20	0 25	14 48	1 1	21 44	0 12	24 25	0 43	19 33	0 4	5 35	1 57	34 11	14 25	4 20	4 44	28 35		n.a.
T 21	5 7	3 50	1 31	2 37	0 7	7 52	0 28	15 4	1 1	21 45	0 12	24 25	0 43	19 33	0 4	5 36	1 57	34 11	14 24	4 19	4 43	28 36		n.a.
W22	4 43	2s38	0 19	1 52	0 0	8 23	0 31	15 19	1 2	21 47	0 12	24 25	0 43	19 33	0 4	5 37	1 57	34 11	14 24	4 18	4 42	28 37		n.a.
T 23	4 19	8 50	0s52	1 8	0s 6	8 54	0 34	15 35	1 2	21 48	0 12	24 25	0 43	19 33	0 4	5 37	1 57	34 11	14 24	4 18	4 41	28 37		n.a.
F 24	3 55	14 32	1 59	0 24	0 13	9 24	0 37	15 50	1 3	21 50	0 12	24 25	0 43	19 33	0 4	5 38	1 57	34 11	14 24	4 19	4 39	28 38		n.a.
S 25	3 31	19 32	2 59	0s20	0 19	9 55	0 40	16 5	1 3	21 51	0 12	24 25	0 43	19 32	0 4	5 39	1 57	34 11	14 23	4 19	4 38	28 38		n.a.
S 26	3 7	23 38	3 50	1 4	0 26	10 25	0 43	16 20	1 4	21 53	0 12	24 25	0 43	19 32	0 4	5 40	1 57	34 11	14 23	4 20	4 37	28 39		n.a.
M27	2 43	26 40	4 30	1 48	0 33	10 55	0 46	16 35	1 4	21 54	0 12	24 25	0 43	19 32	0 4	5 41	1 57	34 11	14 23	4 21	4 36	28 39		n.a.
T 28	2 18	28 30	4 58	2 31	0 39	11 25	0 49	16 49	1 4	21 56	0 12	24 25	0 43	19 32	0 4	5 42	1 57	34 11	14 23	4 21	4 34	28 40		n.a.
W29	1 54	29 1	5 13	3 14	0 46	11 55	0 52	17 4	1 5	21 57	0 13	24 25	0 43	19 32	0 4	5 42	1 57	34 11	14 22	4 21	4 33	28 40		n.a.
T 30	1n30	28s11	5s15	3s57	0s52	12s24	0s55	17s18	1s 5	21s59	0s13	24s25	0s43	19n32	0s 4	5s43	1n57	34s11	14s22	4n20	4n32	28s41		n.a.

Julian Day Number = 1297976.5, Delta T = 07h53m02s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'41, Lahiri = -19°57'40 Julian Calendar 1 Sept. 1160 BCE == Greg. Calendar 21 Aug. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

OCTOBER 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 55 36	27♍18'05	27♉10	9♎21	0♏54	14♏38	6♐48	5♉56	26°R 3	18♎56	1°R12	10°R46	11♈13	25♐14	n.a.	F 1
S 2	23 59 33	28°18'34	9♒28	10°52	2° 8	15°24	6°57	5°58	26♉ 2	18°58	1♒12	10♈44	11°10	25°20	n.a.	S 2
S 3	0 3 29	29°19'05	22° 2	12°23	3°21	16° 9	7° 6	5°59	26° 1	19° 0	1°11	10°43	11° 7	25°27	n.a.	S 3
M 4	0 7 26	0♎19'37	4♓54	13°53	4°34	16°55	7°15	6° 0	26° 0	19° 2	1°11	10°41	11° 4	25°34	n.a.	M 4
T 5	0 11 22	1°20'11	18° 4	15°23	5°47	17°41	7°24	6° 2	25°59	19° 5	1°10	10°40	11° 0	25°41	n.a.	T 5
W 6	0 15 19	2°20'46	1♈32	16°52	7° 1	18°27	7°34	6° 3	25°58	19° 7	1°10	10°39	10°57	25°47	n.a.	W 6
T 7	0 19 16	3°21'23	15°17	18°21	8°14	19°12	7°43	6° 5	25°56	19° 9	1° 9	10°D39	10°54	25°54	n.a.	T 7
F 8	0 23 12	4°22'02	29°16	19°50	9°27	19°58	7°53	6° 7	25°55	19°11	1° 9	10°40	10°51	26° 1	n.a.	F 8
S 9	0 27 9	5°22'42	13♉24	21°18	10°40	20°44	8° 3	6° 8	25°54	19°13	1° 8	10°40	10°48	26° 8	n.a.	S 9
S 10	0 31 5	6°23'25	27°39	22°46	11°53	21°30	8°12	6°10	25°52	19°16	1° 8	10°41	10°44	26°14	n.a.	S 10
M11	0 35 2	7°24'09	11♊56	24°13	13° 6	22°16	8°22	6°12	25°51	19°18	1° 7	10°41	10°41	26°21	n.a.	M11
T 12	0 38 58	8°24'55	26°12	25°40	14°19	23° 2	8°33	6°15	25°49	19°20	1° 7	10°41	10°38	26°28	n.a.	T 12
W13	0 42 55	9°25'43	10♋25	27° 6	15°32	23°49	8°43	6°17	25°48	19°22	1° 7	10°R41	10°35	26°34	n.a.	W13
T 14	0 46 51	10°26'33	24°31	28°31	16°45	24°35	8°53	6°19	25°46	19°24	1° 6	10°D41	10°32	26°41	n.a.	T 14
F 15	0 50 48	11°27'24	8♌30	29°55	17°58	25°21	9° 4	6°22	25°45	19°27	1° 6	10°41	10°29	26°48	n.a.	F 15
S 16	0 54 45	12°28'17	22°19	1♏19	19°11	26° 7	9°14	6°24	25°43	19°29	1° 6	10°41	10°25	26°55	n.a.	S 16
S 17	0 58 41	13°29'12	5♍57	2°42	20°24	26°54	9°25	6°27	25°41	19°31	1° 6	10°42	10°22	27° 1	n.a.	S 17
M18	1 2 38	14°30'08	19°23	4° 3	21°37	27°40	9°36	6°30	25°40	19°33	1° 5	10°42	10°19	27° 8	n.a.	M18
T 19	1 6 34	15°31'05	2♎36	5°23	22°50	28°26	9°47	6°32	25°38	19°36	1° 5	10°42	10°16	27°15	n.a.	T 19
W20	1 10 31	16°32'04	15°35	6°42	24° 2	29°13	9°58	6°35	25°36	19°38	1° 5	10°R42	10°13	27°21	n.a.	W20
T 21	1 14 27	17°33'04	28°20	7°59	25°15	29°59	10° 9	6°38	25°34	19°40	1° 5	10°42	10°10	27°28	n.a.	T 21
F 22	1 18 24	18°34'05	10♏51	9°14	26°28	0♐46	10°20	6°41	25°32	19°42	1° 5	10°41	10° 6	27°35	n.a.	F 22
S 23	1 22 20	19°35'07	23° 9	10°27	27°40	1°32	10°31	6°45	25°30	19°45	1° 5	10°40	10° 3	27°42	n.a.	S 23
S 24	1 26 17	20°36'10	5♐15	11°38	28°53	2°19	10°43	6°48	25°28	19°47	1° 5	10°38	10° 0	27°48	n.a.	S 24
M25	1 30 14	21°37'15	17°14	12°45	0♐ 5	3° 5	10°54	6°51	25°26	19°49	1° 5	10°37	9°57	27°55	n.a.	M25
T 26	1 34 10	22°38'20	29° 6	13°49	1°18	3°52	11° 6	6°55	25°24	19°51	1°D 5	10°36	9°54	28° 2	n.a.	T 26
W27	1 38 7	23°39'26	10♑58	14°50	2°30	4°39	11°17	6°58	25°22	19°54	1° 5	10°34	9°50	28° 8	n.a.	W27
T 28	1 42 3	24°40'32	22°53	15°45	3°43	5°25	11°29	7° 2	25°20	19°56	1° 5	10°D34	9°47	28°15	n.a.	T 28
F 29	1 46 0	25°41'40	4♒56	16°36	4°55	6°12	11°41	7° 6	25°18	19°58	1° 5	10°34	9°44	28°22	n.a.	F 29
S 30	1 49 56	26°42'47	17°11	17°22	6° 7	6°59	11°53	7°10	25°16	20° 1	1° 5	10°35	9°41	28°29	n.a.	S 30
S 31	1 53 53	27♎43'56	29♒44	18♏ 0	7♐19	7♐46	12♐ 5	7♉14	25♉14	20♎ 3	1♒ 5	10♈36	9♈38	28♐35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 5	26s 1	5s 3	4s39	0s59	12s53	0s58	17s32	1s 6	22s 1	0s13	24s25	0s43	19n31	0s 4	5s44	1n57	34s11	14s22	4n20	4n31	28s41		n.a.
S 2	0 41	22 37	4 37	5 22	1 5	13 22	1 1	17 46	1 6	22 2	0 13	24 25	0 43	19 31	0 4	5 45	1 57	34 11	14 22	4 19	4 29	28 42		n.a.
S 3	0 17	18 8	3 58	6 3	1 11	13 50	1 4	18 0	1 7	22 4	0 13	24 25	0 43	19 31	0 4	5 46	1 57	34 11	14 21	4 18	4 28	28 42		n.a.
M 4	0s 8	12 44	3 5	6 45	1 17	14 18	1 7	18 14	1 7	22 6	0 13	24 25	0 43	19 31	0 4	5 47	1 57	34 10	14 21	4 18	4 27	28 43		n.a.
T 5	0 32	6 39	2 2	7 26	1 23	14 46	1 9	18 28	1 7	22 7	0 13	24 25	0 43	19 30	0 4	5 47	1 57	34 10	14 21	4 17	4 25	28 43		n.a.
W 6	0 57	0 9	0 50	8 6	1 29	15 13	1 12	18 41	1 8	22 9	0 13	24 25	0 43	19 30	0 4	5 48	1 57	34 10	14 21	4 17	4 24	28 44		n.a.
T 7	1 21	6n31	0n26	8 46	1 35	15 40	1 15	18 54	1 8	22 11	0 13	24 25	0 43	19 30	0 4	5 49	1 57	34 10	14 20	4 17	4 23	28 44		n.a.
F 8	1 46	12 58	1 41	9 25	1 40	16 6	1 18	19 7	1 8	22 12	0 13	24 25	0 43	19 29	0 4	5 50	1 57	34 10	14 20	4 17	4 22	28 45		n.a.
S 9	2 10	18 51	2 52	10 4	1 46	16 32	1 20	19 20	1 9	22 14	0 13	24 25	0 43	19 29	0 4	5 51	1 57	34 10	14 20	4 17	4 20	28 45		n.a.
S 10	2 35	23 43	3 52	10 42	1 51	16 58	1 23	19 33	1 9	22 16	0 13	24 25	0 43	19 29	0 4	5 52	1 57	34 9	14 19	4 18	4 19	28 46		n.a.
M11	2 59	27 11	4 38	11 20	1 56	17 23	1 26	19 45	1 9	22 17	0 14	24 25	0 43	19 28	0 4	5 53	1 57	34 9	14 19	4 18	4 18	28 46		n.a.
T 12	3 23	28 54	5 7	11 56	2 0	17 48	1 28	19 58	1 10	22 19	0 14	24 24	0 43	19 28	0 4	5 53	1 57	34 9	14 19	4 18	4 17	28 46		n.a.
W13	3 48	28 41	5 17	12 32	2 5	18 13	1 31	20 10	1 10	22 21	0 14	24 24	0 43	19 28	0 4	5 54	1 57	34 9	14 19	4 18	4 15	28 47		n.a.
T 14	4 12	26 37	5 8	13 7	2 9	18 37	1 33	20 22	1 10	22 22	0 14	24 24	0 43	19 27	0 4	5 55	1 57	34 9	14 18	4 18	4 14	28 47		n.a.
F 15	4 36	22 56	4 41	13 42	2 13	19 0	1 36	20 33	1 11	22 24	0 14	24 24	0 43	19 27	0 4	5 56	1 57	34 8	14 18	4 18	4 13	28 48		n.a.
S 16	5 0	18 2	3 57	14 15	2 16	19 23	1 38	20 45	1 11	22 26	0 14	24 24	0 43	19 27	0 4	5 57	1 57	34 8	14 18	4 18	4 12	28 48		n.a.
S 17	5 24	12 16	3 1	14 47	2 19	19 45	1 41	20 56	1 11	22 28	0 14	24 24	0 43	19 26	0 4	5 58	1 57	34 8	14 17	4 18	4 10	28 48		n.a.
M18	5 48	6 2	1 55	15 18	2 22	20 7	1 43	21 7	1 11	22 29	0 14	24 24	0 43	19 26	0 4	5 59	1 57	34 8	14 17	4 18	4 9	28 49		n.a.
T 19	6 12	0s22	0 45	15 48	2 24	20 29	1 45	21 18	1 12	22 31	0 14	24 24	0 43	19 25	0 4	6 0	1 57	34 8	14 17	4 18	4 8	28 49		n.a.
W20	6 36	6 39	0s27	16 16	2 26	20 50	1 48	21 29	1 12	22 33	0 14	24 23	0 43	19 25	0 4	6 0	1 57	34 7	14 17	4 18	4 7	28 49		n.a.
T 21	7 0	12 33	1 36	16 43	2 28	21 10	1 50	21 39	1 12	22 35	0 14	24 23	0 43	19 25	0 4	6 1	1 57	34 7	14 16	4 18	4 5	28 50		n.a.
F 22	7 24	17 51	2 39	17 9	2 28	21 30	1 52	21 50	1 12	22 36	0 15	24 23	0 43	19 24	0 4	6 2	1 57	34 7	14 16	4 18	4 4	28 50		n.a.
S 23	7 47	22 19	3 34	17 33	2 28	21 49	1 54	22 0	1 13	22 38	0 15	24 23	0 43	19 24	0 4	6 3	1 57	34 7	14 16	4 17	4 3	28 50		n.a.
S 24	8 11	25 45	4 18	17 55	2 28	22 7	1 56	22 9	1 13	22 40	0 15	24 23	0 43	19 23	0 4	6 4	1 57	34 6	14 15	4 17	4 1	28 51		n.a.
M25	8 34	28 1	4 50	18 15	2 27	22 25	1 58	22 19	1 13	22 42	0 15	24 23	0 43	19 23	0 4	6 5	1 57	34 6	14 15	4 16	4 0	28 51		n.a.
T 26	8 57	29 0	5 10	18 33	2 25	22 42	2 0	22 28	1 13	22 43	0 15	24 23	0 44	19 22	0 4	6 6	1 57	34 6	14 15	4 16	3 59	28 51		n.a.
W27	9 20	28 37	5 16	18 48	2 22	22 59	2 1	22 37	1 13	22 45	0 15	24 22	0 44	19 22	0 4	6 7	1 57	34 5	14 14	4 15	3 58	28 52		n.a.
T 28	9 43	26 56	5 9	19 1	2 18	23 15	2 3	22 46	1 13	22 47	0 15	24 22	0 44	19 21	0 4	6 7	1 57	34 5	14 14	4 15	3 56	28 52		n.a.
F 29	10 5	24 0	4 48	19 12	2 13	23 31	2 5	22 54	1 14	22 49	0 15	24 22	0 44	19 21	0 4	6 8	1 57	34 5	14 14	4 15	3 55	28 52		n.a.
S 30	10 28	19 58	4 14	19 19	2 7	23 45	2 6	23 3	1 14	22 50	0 15	24 22	0 44	19 20	0 4	6 9	1 57	34 4	14 13	4 15	3 54	28 52		n.a.
S 31	10s50	14s58	3s27	19s23	2s 0	23s59	2s 8	23s11	1s14	22s52	0s15	24s22	0s44	19n20	0s 4	6s10	1n57	34s 4	14s13	4n16	3n53	28s53		n.a.

Julian Day Number = 1298006.5, Delta T = 07h53m01s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'37, Lahiri = -19°57'36 Julian Calendar 1 Oct. 1160 BCE == Greg. Calendar 20 Sept. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

NOVEMBER 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 57 50	28♎45'05	12♓37	18♏32	8♐32	8♐32	12♐17	7♑18	25°R12	20♎ 5	1♒ 5	10♈38	9♈35	28♐42	n.a.	M 1
T 2	2 1 46	29°46'14	25°54	18°55	9°44	9°19	12°29	7°22	25♉ 9	20° 7	1° 5	10°39	9°31	28°49	n.a.	T 2
W 3	2 5 43	0♏47'25	9♈35	19° 9	10°56	10° 6	12°42	7°26	25° 7	20° 9	1° 5	10°R40	9°28	28°56	n.a.	W 3
T 4	2 9 39	1°48'35	23°40	19°R13	12° 7	10°53	12°54	7°30	25° 5	20°12	1° 6	10°39	9°25	29° 2	n.a.	T 4
F 5	2 13 36	2°49'47	8♉ 4	19° 7	13°19	11°40	13° 6	7°35	25° 2	20°14	1° 6	10°38	9°22	29° 9	n.a.	F 5
S 6	2 17 32	3°50'59	22°42	18°50	14°31	12°26	13°19	7°39	25° 0	20°16	1° 6	10°35	9°19	29°16	n.a.	S 6
S 7	2 21 29	4°52'12	7♊27	18°21	15°43	13°13	13°31	7°44	24°58	20°18	1° 6	10°32	9°16	29°22	n.a.	S 7
M 8	2 25 25	5°53'26	22°12	17°40	16°54	14° 0	13°44	7°48	24°55	20°21	1° 7	10°28	9°12	29°29	n.a.	M 8
T 9	2 29 22	6°54'41	6♋49	16°49	18° 6	14°47	13°57	7°53	24°53	20°23	1° 7	10°25	9° 9	29°36	n.a.	T 9
W10	2 33 19	7°55'56	21°14	15°47	19°17	15°34	14° 9	7°58	24°50	20°25	1° 7	10°22	9° 6	29°43	n.a.	W10
T 11	2 37 15	8°57'12	5♌22	14°37	20°29	16°21	14°22	8° 2	24°48	20°27	1° 8	10°D21	9° 3	29°49	n.a.	T 11
F 12	2 41 12	9°58'29	19°13	13°20	21°40	17° 8	14°35	8° 7	24°45	20°29	1° 8	10°22	9° 0	29°56	n.a.	F 12
S 13	2 45 8	10°59'46	2♍47	11°59	22°51	17°55	14°48	8°12	24°43	20°31	1° 9	10°23	8°56	0♑ 3	n.a.	S 13
S 14	2 49 5	12° 1'04	16° 4	10°36	24° 2	18°42	15° 1	8°17	24°40	20°34	1° 9	10°25	8°53	0°10	n.a.	S 14
M15	2 53 1	13° 2'22	29° 6	9°15	25°13	19°29	15°14	8°22	24°38	20°36	1°10	10°26	8°50	0°16	n.a.	M15
T 16	2 56 58	14° 3'41	11♎55	7°58	26°24	20°16	15°27	8°28	24°35	20°38	1°10	10°R27	8°47	0°23	n.a.	T 16
W17	3 0 54	15° 5'01	24°33	6°47	27°35	21° 3	15°40	8°33	24°33	20°40	1°11	10°26	8°44	0°30	n.a.	W17
T 18	3 4 51	16° 6'20	7♏ 0	5°44	28°46	21°50	15°54	8°38	24°30	20°42	1°11	10°23	8°41	0°36	n.a.	T 18
F 19	3 8 48	17° 7'40	19°18	4°51	29°56	22°37	16° 7	8°44	24°28	20°44	1°12	10°18	8°37	0°43	n.a.	F 19
S 20	3 12 44	18° 9'00	1♐27	4° 8	1♑ 7	23°24	16°20	8°49	24°25	20°46	1°12	10°11	8°34	0°50	n.a.	S 20
S 21	3 16 41	19°10'20	13°29	3°35	2°17	24°11	16°34	8°55	24°23	20°48	1°13	10° 4	8°31	0°57	n.a.	S 21
M22	3 20 37	20°11'39	25°24	3°13	3°28	24°58	16°47	9° 0	24°20	20°50	1°14	9°56	8°28	1° 3	n.a.	M22
T 23	3 24 34	21°12'59	7♑16	3° 1	4°38	25°46	17° 1	9° 6	24°17	20°52	1°14	9°48	8°25	1°10	n.a.	T 23
W24	3 28 30	22°14'18	19° 7	2°D59	5°48	26°33	17°14	9°12	24°15	20°54	1°15	9°42	8°22	1°17	n.a.	W24
T 25	3 32 27	23°15'37	1♒ 0	3° 6	6°58	27°20	17°28	9°17	24°12	20°56	1°16	9°37	8°18	1°23	n.a.	T 25
F 26	3 36 24	24°16'56	13° 0	3°21	8° 8	28° 7	17°41	9°23	24°10	20°58	1°16	9°34	8°15	1°30	n.a.	F 26
S 27	3 40 20	25°18'14	25°10	3°44	9°17	28°54	17°55	9°29	24° 7	21° 0	1°17	9°D33	8°12	1°37	n.a.	S 27
S 28	3 44 17	26°19'31	7♓37	4°13	10°27	29°41	18° 9	9°35	24° 4	21° 2	1°18	9°34	8° 9	1°44	n.a.	S 28
M29	3 48 13	27°20'48	20°24	4°49	11°36	0♑28	18°23	9°41	24° 2	21° 4	1°19	9°35	8° 6	1°50	n.a.	M29
T 30	3 52 10	28♏22'04	3♈37	5♏30	12♑45	1♑15	18♐36	9♑47	23♉59	21♎ 6	1♒20	9°R36	8♈ 2	1♑57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s13	9s13	2s29	19s24	1s51	24s13	2s 9	23s19	1s14	22s54	0s15	24s21	0s44	19n19	0s 4	6s11	1n57	34s 4	14s13	4n17	3n51	28s53		n.a.
T 2	11 35	2 53	1 21	19 21	1 41	24 25	2 10	23 26	1 14	22 55	0 15	24 21	0 44	19 19	0 4	6 12	1 57	34 3	14 13	4 17	3 50	28 53		n.a.
W 3	11 56	3n46	0 6	19 14	1 30	24 37	2 12	23 33	1 14	22 57	0 16	24 21	0 44	19 18	0 4	6 12	1 57	34 3	14 12	4 17	3 49	28 53		n.a.
T 4	12 18	10 26	1n11	19 3	1 17	24 49	2 13	23 40	1 14	22 59	0 16	24 21	0 44	19 17	0 4	6 13	1 57	34 3	14 12	4 17	3 47	28 54		n.a.
F 5	12 39	16 42	2 25	18 48	1 3	24 59	2 14	23 47	1 15	23 0	0 16	24 20	0 44	19 17	0 4	6 14	1 57	34 2	14 12	4 16	3 46	28 54		n.a.
S 6	13 0	22 8	3 31	18 27	0 47	25 9	2 15	23 54	1 15	23 2	0 16	24 20	0 44	19 16	0 4	6 15	1 57	34 2	14 11	4 15	3 45	28 54		n.a.
S 7	13 21	26 14	4 23	18 3	0 29	25 18	2 16	24 0	1 15	23 4	0 16	24 20	0 44	19 16	0 4	6 16	1 57	34 2	14 11	4 14	3 44	28 54		n.a.
M 8	13 42	28 33	4 58	17 33	0 11	25 26	2 16	24 6	1 15	23 5	0 16	24 20	0 44	19 15	0 4	6 17	1 57	34 1	14 11	4 13	3 42	28 54		n.a.
T 9	14 3	28 52	5 13	17 0	0n 9	25 34	2 17	24 11	1 15	23 7	0 16	24 19	0 44	19 15	0 4	6 17	1 57	34 1	14 10	4 11	3 41	28 55		n.a.
W10	14 23	27 11	5 8	16 23	0 29	25 41	2 18	24 17	1 15	23 9	0 16	24 19	0 44	19 14	0 4	6 18	1 57	34 0	14 10	4 10	3 40	28 55		n.a.
T 11	14 43	23 49	4 44	15 42	0 49	25 47	2 18	24 22	1 15	23 10	0 16	24 19	0 44	19 13	0 4	6 19	1 57	34 0	14 10	4 10	3 39	28 55		n.a.
F 12	15 3	19 10	4 4	15 0	1 10	25 52	2 18	24 27	1 15	23 12	0 16	24 19	0 44	19 13	0 4	6 20	1 57	34 0	14 9	4 10	3 37	28 55		n.a.
S 13	15 22	13 37	3 11	14 16	1 29	25 57	2 19	24 31	1 15	23 14	0 16	24 18	0 44	19 12	0 4	6 21	1 57	33 59	14 9	4 11	3 36	28 55		n.a.
S 14	15 42	7 34	2 9	13 33	1 47	26 1	2 19	24 36	1 15	23 15	0 17	24 18	0 44	19 12	0 4	6 22	1 57	33 59	14 9	4 11	3 35	28 55		n.a.
M15	16 1	1 18	1 2	12 51	2 4	26 4	2 19	24 39	1 15	23 17	0 17	24 18	0 44	19 11	0 4	6 22	1 57	33 58	14 9	4 12	3 34	28 55		n.a.
T 16	16 19	4s55	0s 8	12 12	2 19	26 6	2 19	24 43	1 15	23 18	0 17	24 17	0 44	19 10	0 4	6 23	1 57	33 58	14 8	4 12	3 32	28 56		n.a.
W17	16 38	10 51	1 16	11 37	2 32	26 8	2 19	24 47	1 15	23 20	0 17	24 17	0 44	19 10	0 4	6 24	1 57	33 58	14 8	4 12	3 31	28 56		n.a.
T 18	16 56	16 16	2 20	11 6	2 42	26 9	2 19	24 50	1 15	23 21	0 17	24 17	0 44	19 9	0 4	6 25	1 57	33 57	14 8	4 10	3 30	28 56		n.a.
F 19	17 14	20 58	3 15	10 41	2 50	26 9	2 18	24 52	1 15	23 23	0 17	24 16	0 44	19 8	0 4	6 25	1 57	33 57	14 7	4 9	3 28	28 56		n.a.
S 20	17 31	24 44	4 2	10 21	2 56	26 8	2 18	24 55	1 15	23 24	0 17	24 16	0 44	19 8	0 4	6 26	1 57	33 56	14 7	4 6	3 27	28 56		n.a.
S 21	17 48	27 22	4 36	10 6	3 0	26 6	2 17	24 57	1 15	23 26	0 17	24 16	0 44	19 7	0 4	6 27	1 57	33 56	14 7	4 3	3 26	28 56		n.a.
M22	18 5	28 44	4 59	9 57	3 2	26 4	2 17	24 59	1 15	23 27	0 17	24 15	0 44	19 7	0 4	6 28	1 57	33 55	14 6	4 0	3 25	28 56		n.a.
T 23	18 22	28 46	5 8	9 52	3 2	26 1	2 16	25 1	1 15	23 29	0 17	24 15	0 44	19 6	0 4	6 28	1 57	33 55	14 6	3 57	3 23	28 56		n.a.
W24	18 38	27 28	5 5	9 53	3 1	25 57	2 15	25 2	1 15	23 30	0 17	24 15	0 44	19 5	0 4	6 29	1 57	33 55	14 6	3 54	3 22	28 56		n.a.
T 25	18 54	24 56	4 48	9 57	2 58	25 53	2 14	25 3	1 15	23 31	0 18	24 14	0 44	19 5	0 3	6 30	1 57	33 54	14 6	3 52	3 21	28 56		n.a.
F 26	19 9	21 18	4 18	10 6	2 55	25 48	2 13	25 4	1 15	23 33	0 18	24 14	0 44	19 4	0 3	6 31	1 57	33 54	14 5	3 51	3 20	28 56		n.a.
S 27	19 24	16 44	3 36	10 18	2 50	25 42	2 12	25 4	1 15	23 34	0 18	24 13	0 44	19 3	0 3	6 31	1 57	33 53	14 5	3 51	3 18	28 56		n.a.
S 28	19 39	11 23	2 44	10 33	2 45	25 35	2 10	25 5	1 15	23 36	0 18	24 13	0 44	19 3	0 3	6 32	1 57	33 53	14 5	3 51	3 17	28 56		n.a.
M29	19 53	5 25	1 42	10 51	2 39	25 28	2 9	25 5	1 14	23 37	0 18	24 13	0 44	19 2	0 3	6 33	1 57	33 52	14 5	3 52	3 16	28 56		n.a.
T 30	20s 7	0n58	0s32	11s11	2n33	25s19	2s 7	25s 4	1s14	23s38	0s18	24s12	0s44	19n 1	0s 3	6s33	1n57	33s52	14s 4	3n52	3n14	28s56		n.a.

Julian Day Number = 1298037.5, Delta T = 07h52m59s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'32, Lahiri = -19°57'32 Julian Calendar 1 Nov. 1160 BCE == Greg. Calendar 21 Oct. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1160 BCE
geocentric

DECEMBER 1160 BCE (-1159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 56 6	29♏23'20	17♈17	6♏17	13♑54	2♑ 2	18♐50	9♑53	23°R57	21♎ 8	1♒21	9°R36	7♈59	2♑ 4	n.a.	W 1
T 2	4 0 3	0♐24'35	1♉26	7° 7	15° 3	2°49	19° 4	9°59	23♉54	21°10	1°21	9♈34	7°56	2°11	n.a.	T 2
F 3	4 3 59	1°25'49	16° 2	8° 2	16°12	3°36	19°18	10° 6	23°51	21°12	1°22	9°30	7°53	2°17	n.a.	F 3
S 4	4 7 56	2°27'03	0♊59	9° 0	17°20	4°23	19°32	10°12	23°49	21°13	1°23	9°23	7°50	2°24	n.a.	S 4
S 5	4 11 53	3°28'17	16° 8	10° 2	18°29	5°10	19°46	10°18	23°46	21°15	1°24	9°15	7°47	2°31	n.a.	S 5
M 6	4 15 49	4°29'30	1♋19	11° 6	19°37	5°57	20° 0	10°25	23°44	21°17	1°25	9° 6	7°43	2°37	n.a.	M 6
T 7	4 19 46	5°30'42	16°22	12°13	20°45	6°44	20°14	10°31	23°41	21°19	1°26	8°57	7°40	2°44	n.a.	T 7
W 8	4 23 42	6°31'54	1♌ 8	13°22	21°53	7°31	20°28	10°38	23°39	21°21	1°27	8°51	7°37	2°51	n.a.	W 8
T 9	4 27 39	7°33'06	15°31	14°33	23° 0	8°18	20°42	10°44	23°36	21°22	1°28	8°46	7°34	2°58	n.a.	T 9
F 10	4 31 35	8°34'17	29°28	15°46	24° 7	9° 5	20°56	10°51	23°34	21°24	1°29	8°44	7°31	3° 4	n.a.	F 10
S 11	4 35 32	9°35'28	13♍ 1	17° 1	25°15	9°52	21°10	10°57	23°31	21°26	1°30	8°D44	7°28	3°11	n.a.	S 11
S 12	4 39 29	10°36'38	26°10	18°18	26°22	10°39	21°24	11° 4	23°29	21°27	1°31	8°44	7°24	3°18	n.a.	S 12
M13	4 43 25	11°37'47	9♎ 0	19°35	27°28	11°26	21°38	11°11	23°26	21°29	1°32	8°R45	7°21	3°25	n.a.	M13
T 14	4 47 22	12°38'56	21°34	20°54	28°35	12°13	21°52	11°17	23°24	21°30	1°34	8°44	7°18	3°31	n.a.	T 14
W15	4 51 18	13°40'04	3♏55	22°15	29°41	13° 0	22° 7	11°24	23°22	21°32	1°35	8°41	7°15	3°38	n.a.	W15
T 16	4 55 15	14°41'12	16° 8	23°36	0♒47	13°47	22°21	11°31	23°19	21°34	1°36	8°35	7°12	3°45	n.a.	T 16
F 17	4 59 11	15°42'19	28°13	24°59	1°53	14°34	22°35	11°38	23°17	21°35	1°37	8°26	7° 8	3°51	n.a.	F 17
S 18	5 3 8	16°43'24	10♐13	26°22	2°58	15°21	22°49	11°44	23°15	21°37	1°38	8°14	7° 5	3°58	n.a.	S 18
S 19	5 7 5	17°44'29	22° 8	27°47	4° 3	16° 7	23° 4	11°51	23°12	21°38	1°39	8° 1	7° 2	4° 5	n.a.	S 19
M20	5 11 1	18°45'33	4♑ 1	29°12	5° 8	16°54	23°18	11°58	23°10	21°39	1°41	7°47	6°59	4°12	n.a.	M20
T 21	5 14 58	19°46'35	15°53	0♐38	6°13	17°41	23°32	12° 5	23° 8	21°41	1°42	7°33	6°56	4°18	n.a.	T 21
W22	5 18 54	20°47'36	27°45	2° 5	7°17	18°28	23°46	12°12	23° 5	21°42	1°43	7°21	6°53	4°25	n.a.	W22
T 23	5 22 51	21°48'36	9♒39	3°33	8°21	19°15	24° 1	12°19	23° 3	21°44	1°44	7°11	6°49	4°32	n.a.	T 23
F 24	5 26 47	22°49'34	21°39	5° 2	9°25	20° 1	24°15	12°26	23° 1	21°45	1°46	7° 4	6°46	4°39	n.a.	F 24
S 25	5 30 44	23°50'31	3♓48	6°31	10°28	20°48	24°29	12°33	22°59	21°46	1°47	7° 0	6°43	4°45	n.a.	S 25
S 26	5 34 40	24°51'26	16°10	8° 2	11°31	21°35	24°43	12°40	22°57	21°48	1°48	6°58	6°40	4°52	n.a.	S 26
M27	5 38 37	25°52'19	28°51	9°33	12°34	22°21	24°58	12°48	22°55	21°49	1°50	6°D58	6°37	4°59	n.a.	M27
T 28	5 42 34	26°53'11	11♈55	11° 5	13°36	23° 8	25°12	12°55	22°53	21°50	1°51	6°R58	6°34	5° 5	n.a.	T 28
W29	5 46 30	27°54'01	25°26	12°37	14°38	23°55	25°26	13° 2	22°51	21°51	1°52	6°57	6°30	5°12	n.a.	W29
T 30	5 50 27	28°54'50	9♉26	14°10	15°40	24°41	25°40	13° 9	22°49	21°52	1°54	6°54	6°27	5°19	n.a.	T 30
F 31	5 54 23	29♐55'36	23♉57	15♐44	16♒41	25♑28	25♐55	13♑16	22♉47	21♎53	1♒55	6♈48	6♈24	5♑26	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s21	7n32	0n41	11s33	2n26	25s11	2s 6	25s 3	1s14	23s39	0s18	24s12	0s44	19n 1	0s 3	6s34	1n57	33s51	14s 4	3n52	3n13	28s56			n.a.
T 2	20 34	13 57	1 55	11 57	2 18	25 1	2 4	25 2	1 14	23 41	0 18	24 11	0 44	19 0	0 3	6 35	1 57	33 51	14 4	3 51	3 12	28 56			n.a.
F 3	20 47	19 49	3 3	12 22	2 11	24 51	2 2	25 1	1 14	23 42	0 18	24 11	0 44	19 0	0 3	6 35	1 57	33 50	14 3	3 49	3 11	28 56			n.a.
S 4	21 0	24 36	4 0	12 48	2 3	24 40	2 0	25 0	1 14	23 43	0 18	24 10	0 44	18 59	0 3	6 36	1 57	33 50	14 3	3 47	3 9	28 56			n.a.
S 5	21 12	27 45	4 41	13 15	1 55	24 29	1 57	24 58	1 14	23 44	0 18	24 10	0 44	18 58	0 3	6 37	1 58	33 49	14 3	3 43	3 8	28 56			n.a.
M 6	21 23	28 52	5 2	13 43	1 46	24 16	1 55	24 55	1 14	23 46	0 19	24 9	0 44	18 58	0 3	6 37	1 58	33 49	14 3	3 40	3 7	28 56			n.a.
T 7	21 35	27 49	5 2	14 12	1 38	24 4	1 53	24 53	1 13	23 47	0 19	24 9	0 44	18 57	0 3	6 38	1 58	33 48	14 2	3 36	3 6	28 56			n.a.
W 8	21 45	24 49	4 42	14 41	1 30	23 50	1 50	24 50	1 13	23 48	0 19	24 8	0 44	18 56	0 3	6 39	1 58	33 48	14 2	3 34	3 4	28 56			n.a.
T 9	21 56	20 20	4 5	15 11	1 21	23 36	1 47	24 47	1 13	23 49	0 19	24 8	0 44	18 56	0 3	6 39	1 58	33 48	14 2	3 32	3 3	28 56			n.a.
F 10	22 6	14 52	3 14	15 40	1 13	23 21	1 45	24 44	1 13	23 50	0 19	24 7	0 44	18 55	0 3	6 40	1 58	33 47	14 2	3 31	3 2	28 56			n.a.
S 11	22 15	8 49	2 13	16 10	1 5	23 6	1 42	24 40	1 13	23 51	0 19	24 7	0 45	18 54	0 3	6 40	1 58	33 47	14 1	3 31	3 0	28 56			n.a.
S 12	22 24	2 34	1 7	16 40	0 56	22 50	1 38	24 36	1 13	23 52	0 19	24 6	0 45	18 54	0 3	6 41	1 58	33 46	14 1	3 31	2 59	28 55			n.a.
M13	22 33	3s39	0s 1	17 9	0 48	22 34	1 35	24 32	1 12	23 53	0 19	24 6	0 45	18 53	0 3	6 42	1 58	33 46	14 1	3 31	2 58	28 55			n.a.
T 14	22 41	9 35	1 8	17 38	0 40	22 17	1 32	24 28	1 12	23 54	0 19	24 5	0 45	18 53	0 3	6 42	1 58	33 45	14 1	3 31	2 57	28 55			n.a.
W15	22 49	15 4	2 10	18 7	0 32	21 59	1 28	24 23	1 12	23 55	0 19	24 5	0 45	18 52	0 3	6 43	1 58	33 45	14 1	3 30	2 55	28 55			n.a.
T 16	22 56	19 53	3 5	18 36	0 24	21 41	1 25	24 18	1 12	23 56	0 20	24 4	0 45	18 51	0 3	6 43	1 58	33 44	14 0	3 27	2 54	28 55			n.a.
F 17	23 3	23 50	3 51	19 4	0 16	21 23	1 21	24 13	1 12	23 57	0 20	24 4	0 45	18 51	0 3	6 44	1 58	33 44	14 0	3 24	2 53	28 55			n.a.
S 18	23 10	26 44	4 26	19 32	0 8	21 4	1 17	24 7	1 11	23 58	0 20	24 3	0 45	18 50	0 3	6 44	1 58	33 43	14 0	3 19	2 51	28 55			n.a.
S 19	23 16	28 25	4 49	19 59	0 0	20 45	1 13	24 1	1 11	23 59	0 20	24 2	0 45	18 50	0 3	6 45	1 58	33 43	14 0	3 14	2 50	28 54			n.a.
M20	23 21	28 46	5 0	20 26	0s 7	20 25	1 9	23 55	1 11	24 0	0 20	24 2	0 45	18 49	0 3	6 45	1 58	33 42	14 0	3 8	2 49	28 54			n.a.
T 21	23 26	27 47	4 57	20 52	0 15	20 4	1 5	23 49	1 11	24 1	0 20	24 1	0 45	18 49	0 3	6 46	1 58	33 42	13 59	3 3	2 48	28 54			n.a.
W22	23 31	25 33	4 42	21 17	0 22	19 43	1 0	23 42	1 10	24 1	0 20	24 1	0 45	18 48	0 3	6 46	1 58	33 41	13 59	2 58	2 46	28 54			n.a.
T 23	23 35	22 12	4 14	21 41	0 29	19 22	0 56	23 35	1 10	24 2	0 20	24 0	0 45	18 47	0 3	6 47	1 58	33 41	13 59	2 54	2 45	28 54			n.a.
F 24	23 38	17 54	3 35	22 5	0 36	19 1	0 51	23 28	1 10	24 3	0 20	23 59	0 45	18 47	0 3	6 47	1 58	33 40	13 59	2 51	2 44	28 53			n.a.
S 25	23 41	12 51	2 46	22 27	0 42	18 39	0 46	23 20	1 9	24 4	0 21	23 59	0 45	18 46	0 3	6 48	1 58	33 40	13 59	2 49	2 43	28 53			n.a.
S 26	23 44	7 11	1 48	22 49	0 49	18 16	0 41	23 13	1 9	24 4	0 21	23 58	0 45	18 46	0 3	6 48	1 59	33 39	13 58	2 49	2 41	28 53			n.a.
M27	23 46	1 7	0 43	23 9	0 55	17 53	0 36	23 5	1 9	24 5	0 21	23 58	0 45	18 45	0 3	6 48	1 59	33 39	13 58	2 49	2 40	28 53			n.a.
T 28	23 48	5n11	0n26	23 29	1 1	17 30	0 31	22 56	1 9	24 6	0 21	23 57	0 45	18 45	0 3	6 49	1 59	33 38	13 58	2 49	2 39	28 52			n.a.
W29	23 49	11 29	1 36	23 47	1 7	17 7	0 25	22 48	1 8	24 6	0 21	23 56	0 45	18 44	0 3	6 49	1 59	33 38	13 58	2 48	2 37	28 52			n.a.
T 30	23 50	17 26	2 42	24 5	1 13	16 43	0 20	22 39	1 8	24 7	0 21	23 56	0 45	18 44	0 3	6 50	1 59	33 37	13 58	2 47	2 36	28 52			n.a.
F 31	23s50	22n37	3n41	24s21	1s18	16s19	0s14	22s30	1s 8	24s 7	0s21	23s55	0s45	18n43	0s 3	6s50	1n59	33s37	13s58	2n45	2n35	28s52			n.a.

Julian Day Number = 1298067.5, Delta T = 07h52m57s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'28, Lahiri = -19°57'28 Julian Calendar 1 Dec. 1160 BCE == Greg. Calendar 20 Nov. 1160 BCE

The year -1159 astronomical counting style corresponds to year 1160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

JANUARY 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 20	0♉56'21	8♊53	17♐19	17♒41	26♉14	26♐ 9	13♉23	22°R45	21♎55	1♒57	6°R40	6♈21	5♉32	n.a.	S 1
S 2	6 2 16	1°57'05	24° 8	18°55	18°41	27° 1	26°23	13°31	22♋43	21°56	1°58	6♈29	6°18	5°39	n.a.	S 2
M 3	6 6 13	2°57'47	9♋31	20°31	19°41	27°47	26°37	13°38	22°41	21°57	1°59	6°17	6°14	5°46	n.a.	M 3
T 4	6 10 10	3°58'28	24°50	22° 9	20°40	28°34	26°52	13°45	22°40	21°58	2° 1	6° 6	6°11	5°52	n.a.	T 4
W 5	6 14 6	4°59'06	9♌53	23°47	21°39	29°20	27° 6	13°52	22°38	21°59	2° 2	5°57	6° 8	5°59	n.a.	W 5
T 6	6 18 3	5°59'44	24°33	25°26	22°37	0♒ 6	27°20	14° 0	22°36	22° 0	2° 4	5°50	6° 5	6° 6	n.a.	T 6
F 7	6 21 59	7° 0'20	8♍44	27° 5	23°35	0°53	27°34	14° 7	22°34	22° 0	2° 5	5°46	6° 2	6°13	n.a.	F 7
S 8	6 25 56	8° 0'54	22°26	28°46	24°32	1°39	27°48	14°14	22°33	22° 1	2° 7	5°44	5°59	6°19	n.a.	S 8
S 9	6 29 52	9° 1'27	5♎39	0♉27	25°29	2°25	28° 3	14°22	22°31	22° 2	2° 8	5°44	5°55	6°26	n.a.	S 9
M10	6 33 49	10° 1'59	18°29	2°10	26°25	3°12	28°17	14°29	22°30	22° 3	2°10	5°44	5°52	6°33	n.a.	M10
T 11	6 37 45	11° 2'29	0♏59	3°53	27°21	3°58	28°31	14°36	22°28	22° 4	2°11	5°42	5°49	6°40	n.a.	T 11
W12	6 41 42	12° 2'58	13°14	5°37	28°15	4°44	28°45	14°44	22°27	22° 5	2°13	5°39	5°46	6°46	n.a.	W12
T 13	6 45 39	13° 3'25	25°18	7°23	29°10	5°30	28°59	14°51	22°25	22° 5	2°14	5°33	5°43	6°53	n.a.	T 13
F 14	6 49 35	14° 3'50	7♐16	9° 9	0♓ 3	6°16	29°13	14°58	22°24	22° 6	2°16	5°24	5°40	7° 0	n.a.	F 14
S 15	6 53 32	15° 4'14	19° 9	10°56	0°56	7° 2	29°27	15° 6	22°23	22° 7	2°17	5°12	5°36	7° 6	n.a.	S 15
S 16	6 57 28	16° 4'36	1♉ 1	12°44	1°48	7°48	29°41	15°13	22°22	22° 7	2°19	4°58	5°33	7°13	n.a.	S 16
M17	7 1 25	17° 4'56	12°53	14°33	2°40	8°34	29°55	15°20	22°20	22° 8	2°20	4°43	5°30	7°20	n.a.	M17
T 18	7 5 21	18° 5'15	24°46	16°23	3°30	9°20	0♉ 9	15°28	22°19	22° 8	2°22	4°29	5°27	7°27	n.a.	T 18
W19	7 9 18	19° 5'31	6♒42	18°14	4°20	10° 6	0°23	15°35	22°18	22° 9	2°23	4°16	5°24	7°33	n.a.	W19
T 20	7 13 14	20° 5'45	18°42	20° 5	5° 9	10°52	0°37	15°42	22°17	22° 9	2°25	4° 6	5°20	7°40	n.a.	T 20
F 21	7 17 11	21° 5'58	0♓48	21°58	5°57	11°38	0°51	15°50	22°16	22°10	2°27	3°58	5°17	7°47	n.a.	F 21
S 22	7 21 8	22° 6'07	13° 3	23°51	6°45	12°24	1° 5	15°57	22°15	22°10	2°28	3°54	5°14	7°54	n.a.	S 22
S 23	7 25 4	23° 6'15	25°29	25°46	7°31	13°10	1°18	16° 4	22°14	22°11	2°30	3°52	5°11	8° 0	n.a.	S 23
M24	7 29 1	24° 6'21	8♈10	27°41	8°16	13°55	1°32	16°12	22°13	22°11	2°31	3°D52	5° 8	8° 7	n.a.	M24
T 25	7 32 57	25° 6'24	21°10	29°36	9° 1	14°41	1°46	16°19	22°12	22°11	2°33	3°R52	5° 5	8°14	n.a.	T 25
W26	7 36 54	26° 6'25	4♉33	1♒32	9°44	15°27	1°59	16°26	22°12	22°11	2°34	3°52	5° 1	8°20	n.a.	W26
T 27	7 40 50	27° 6'23	18°23	3°28	10°26	16°12	2°13	16°33	22°11	22°12	2°36	3°50	4°58	8°27	n.a.	T 27
F 28	7 44 47	28° 6'19	2♊39	5°25	11° 7	16°58	2°27	16°41	22°10	22°12	2°38	3°46	4°55	8°34	n.a.	F 28
S 29	7 48 43	29° 6'13	17°20	7°21	11°47	17°43	2°40	16°48	22°10	22°12	2°39	3°39	4°52	8°41	n.a.	S 29
S 30	7 52 40	0♒ 6'05	2♋22	9°18	12°26	18°29	2°54	16°55	22° 9	22°12	2°41	3°30	4°49	8°47	n.a.	S 30
M31	7 56 37	1♒ 5'54	17♋36	11♒13	13♓ 3	19♒14	3♉ 7	17♉ 2	22♋ 9	22♎12	2♒42	3♈21	4♈46	8♉54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	26n31	4n26	24s36	1s23	15s55	0s 9	22s21	1s 7	24s 8	0s21	23s54	0s46	18n43	0s 3	6s50	1n59	33s36	13s58	2n41	2n34	28s51		n.a.
S 2	23 49	28 35	4 53	24 49	1 28	15 31	0 3	22 12	1 7	24 8	0 21	23 54	0 46	18 42	0 3	6 51	1 59	33 36	13 57	2 37	2 32	28 51		n.a.
M 3	23 48	28 28	4 59	25 1	1 32	15 6	0n 3	22 2	1 7	24 9	0 21	23 53	0 46	18 42	0 3	6 51	1 59	33 35	13 57	2 32	2 31	28 51		n.a.
T 4	23 46	26 10	4 44	25 12	1 37	14 41	0 9	21 52	1 6	24 9	0 22	23 52	0 46	18 41	0 3	6 51	1 59	33 35	13 57	2 28	2 30	28 51		n.a.
W 5	23 44	22 4	4 9	25 22	1 40	14 16	0 16	21 42	1 6	24 10	0 22	23 51	0 46	18 41	0 3	6 52	1 59	33 34	13 57	2 24	2 29	28 50		n.a.
T 6	23 42	16 40	3 19	25 29	1 44	13 51	0 22	21 32	1 6	24 10	0 22	23 51	0 46	18 41	0 3	6 52	1 59	33 34	13 57	2 21	2 27	28 50		n.a.
F 7	23 39	10 33	2 17	25 36	1 47	13 26	0 29	21 21	1 5	24 11	0 22	23 50	0 46	18 40	0 3	6 52	1 59	33 33	13 57	2 20	2 26	28 50		n.a.
S 8	23 35	4 7	1 10	25 40	1 50	13 0	0 35	21 11	1 5	24 11	0 22	23 49	0 46	18 40	0 3	6 52	1 59	33 33	13 57	2 19	2 25	28 49		n.a.
S 9	23 31	2s17	0 0	25 43	1 53	12 35	0 42	21 0	1 5	24 11	0 22	23 49	0 46	18 39	0 3	6 53	1 59	33 32	13 57	2 19	2 23	28 49		n.a.
M10	23 27	8 23	1s 7	25 44	1 55	12 9	0 49	20 48	1 4	24 12	0 22	23 48	0 46	18 39	0 3	6 53	1 59	33 32	13 56	2 19	2 22	28 48		n.a.
T 11	23 22	14 1	2 9	25 44	1 57	11 43	0 56	20 37	1 4	24 12	0 22	23 47	0 46	18 39	0 3	6 53	2 0	33 31	13 56	2 18	2 21	28 48		n.a.
W12	23 17	18 59	3 4	25 41	1 59	11 17	1 3	20 25	1 4	24 12	0 23	23 46	0 46	18 38	0 3	6 53	2 0	33 31	13 56	2 17	2 20	28 48		n.a.
T 13	23 11	23 7	3 50	25 37	2 0	10 51	1 11	20 14	1 3	24 13	0 23	23 46	0 46	18 38	0 3	6 54	2 0	33 30	13 56	2 14	2 18	28 47		n.a.
F 14	23 5	26 14	4 25	25 31	2 0	10 25	1 18	20 2	1 3	24 13	0 23	23 45	0 46	18 38	0 3	6 54	2 0	33 30	13 56	2 11	2 17	28 47		n.a.
S 15	22 58	28 10	4 48	25 23	2 0	9 59	1 26	19 49	1 2	24 13	0 23	23 44	0 46	18 37	0 3	6 54	2 0	33 30	13 56	2 6	2 16	28 47		n.a.
S 16	22 51	28 49	4 59	25 13	2 0	9 33	1 33	19 37	1 2	24 13	0 23	23 43	0 47	18 37	0 3	6 54	2 0	33 29	13 56	2 0	2 14	28 46		n.a.
M17	22 43	28 7	4 57	25 0	1 59	9 8	1 41	19 24	1 2	24 13	0 23	23 42	0 47	18 37	0 3	6 54	2 0	33 29	13 56	1 54	2 13	28 46		n.a.
T 18	22 35	26 8	4 41	24 46	1 58	8 42	1 49	19 12	1 1	24 13	0 23	23 42	0 47	18 36	0 3	6 54	2 0	33 28	13 56	1 49	2 12	28 45		n.a.
W19	22 27	22 59	4 14	24 30	1 57	8 16	1 57	18 59	1 1	24 13	0 23	23 41	0 47	18 36	0 3	6 55	2 0	33 28	13 56	1 43	2 11	28 45		n.a.
T 20	22 18	18 52	3 35	24 11	1 54	7 50	2 5	18 46	1 0	24 14	0 24	23 40	0 47	18 36	0 3	6 55	2 0	33 27	13 56	1 39	2 9	28 44		n.a.
F 21	22 9	13 56	2 45	23 50	1 51	7 25	2 14	18 32	1 0	24 14	0 24	23 39	0 47	18 36	0 3	6 55	2 0	33 27	13 56	1 36	2 8	28 44		n.a.
S 22	21 59	8 25	1 48	23 28	1 48	6 59	2 22	18 19	0 59	24 14	0 24	23 39	0 47	18 35	0 3	6 55	2 0	33 26	13 56	1 34	2 7	28 44		n.a.
S 23	21 49	2 30	0 44	23 3	1 44	6 34	2 31	18 5	0 59	24 14	0 24	23 38	0 47	18 35	0 3	6 55	2 0	33 26	13 56	1 34	2 6	28 43		n.a.
M24	21 39	3n38	0n23	22 36	1 39	6 9	2 39	17 51	0 59	24 14	0 24	23 37	0 47	18 35	0 3	6 55	2 0	33 26	13 56	1 34	2 4	28 43		n.a.
T 25	21 28	9 47	1 31	22 6	1 34	5 44	2 48	17 37	0 58	24 14	0 24	23 36	0 47	18 35	0 3	6 55	2 0	33 25	13 56	1 34	2 3	28 42		n.a.
W26	21 17	15 41	2 35	21 35	1 28	5 20	2 57	17 23	0 58	24 14	0 24	23 35	0 47	18 35	0 3	6 55	2 0	33 25	13 56	1 34	2 2	28 42		n.a.
T 27	21 5	20 59	3 33	21 1	1 22	4 55	3 6	17 9	0 57	24 13	0 24	23 34	0 47	18 34	0 3	6 55	2 1	33 24	13 56	1 33	2 0	28 41		n.a.
F 28	20 53	25 17	4 20	20 26	1 15	4 31	3 15	16 55	0 57	24 13	0 25	23 34	0 48	18 34	0 3	6 55	2 1	33 24	13 56	1 31	1 59	28 41		n.a.
S 29	20 41	28 3	4 51	19 49	1 7	4 7	3 24	16 40	0 56	24 13	0 25	23 33	0 48	18 34	0 3	6 55	2 1	33 24	13 56	1 28	1 58	28 40		n.a.
S 30	20 28	28 52	5 3	19 10	0 58	3 44	3 33	16 25	0 56	24 13	0 25	23 32	0 48	18 34	0 3	6 55	2 1	33 23	13 56	1 25	1 57	28 40		n.a.
M31	20s15	27n31	4n54	18s29	0s49	3s21	3n42	16s11	0s55	24s13	0s25	23s31	0s48	18n34	0s 3	6s55	2n 1	33s23	13s56	1n21	1n55	28s39		n.a.

Julian Day Number = 1298098.5, Delta T = 07h52m56s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'24, Lahiri = -19°57'24 Julian Calendar 1 Jan. 1159 BCE == Greg. Calendar 21 Dec. 1160 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

FEBRUARY 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 33	2♒ 5'41	2♌51	13♒ 8	13♓39	19♒59	3♑21	17♑10	22°R 8	22♎12	2♒44	3°R12	4♈42	9♑ 1	n.a.	T 1
W 2	8 4 30	3° 5'26	17°56	15° 2	14°14	20°45	3°34	17°17	22♉ 8	22°12	2°46	3♈ 4	4°39	9° 8	n.a.	W 2
T 3	8 8 26	4° 5'09	2♍42	16°54	14°47	21°30	3°47	17°24	22° 8	22°R12	2°47	2°58	4°36	9°14	n.a.	T 3
F 4	8 12 23	5° 4'50	17° 3	18°44	15°18	22°15	4° 0	17°31	22° 7	22°12	2°49	2°54	4°33	9°21	n.a.	F 4
S 5	8 16 19	6° 4'28	0♎54	20°31	15°49	23° 0	4°14	17°38	22° 7	22°12	2°50	2°D53	4°30	9°28	n.a.	S 5
S 6	8 20 16	7° 4'05	14°17	22°16	16°17	23°46	4°27	17°45	22° 7	22°12	2°52	2°54	4°26	9°34	n.a.	S 6
M 7	8 24 12	8° 3'40	27°14	23°57	16°44	24°31	4°40	17°52	22° 7	22°12	2°54	2°55	4°23	9°41	n.a.	M 7
T 8	8 28 9	9° 3'13	9♏48	25°35	17° 9	25°16	4°53	17°59	22° 7	22°12	2°55	2°R55	4°20	9°48	n.a.	T 8
W 9	8 32 5	10° 2'45	22° 4	27° 8	17°33	26° 1	5° 6	18° 6	22°D 7	22°12	2°57	2°54	4°17	9°55	n.a.	W 9
T 10	8 36 2	11° 2'14	4♐ 8	28°36	17°54	26°46	5°19	18°13	22° 7	22°12	2°58	2°51	4°14	10° 1	n.a.	T 10
F 11	8 39 59	12° 1'41	16° 4	29°59	18°14	27°31	5°32	18°20	22° 7	22°11	3° 0	2°46	4°11	10° 8	n.a.	F 11
S 12	8 43 55	13° 1'07	27°55	1♓17	18°32	28°16	5°45	18°27	22° 7	22°11	3° 2	2°39	4° 7	10°15	n.a.	S 12
S 13	8 47 52	14° 0'30	9♑46	2°28	18°48	29° 0	5°57	18°34	22° 7	22°11	3° 3	2°30	4° 4	10°22	n.a.	S 13
M14	8 51 48	14°59'52	21°39	3°33	19° 2	29°45	6°10	18°41	22° 7	22°10	3° 5	2°21	4° 1	10°28	n.a.	M14
T 15	8 55 45	15°59'11	3♒36	4°32	19°13	0♓30	6°23	18°48	22° 8	22°10	3° 6	2°12	3°58	10°35	n.a.	T 15
W16	8 59 41	16°58'28	15°39	5°23	19°23	1°15	6°35	18°55	22° 8	22°10	3° 8	2° 4	3°55	10°42	n.a.	W16
T 17	9 3 38	17°57'43	27°49	6° 8	19°30	1°59	6°48	19° 1	22° 8	22° 9	3° 9	1°57	3°51	10°48	n.a.	T 17
F 18	9 7 34	18°56'56	10♓ 7	6°45	19°34	2°44	7° 0	19° 8	22° 9	22° 9	3°11	1°53	3°48	10°55	n.a.	F 18
S 19	9 11 31	19°56'06	22°34	7°14	19°37	3°28	7°12	19°15	22° 9	22° 8	3°12	1°50	3°45	11° 2	n.a.	S 19
S 20	9 15 28	20°55'14	5♈13	7°37	19°R37	4°13	7°25	19°21	22°10	22° 8	3°14	1°D50	3°42	11° 9	n.a.	S 20
M21	9 19 24	21°54'20	18° 6	7°51	19°35	4°57	7°37	19°28	22°11	22° 7	3°16	1°51	3°39	11°15	n.a.	M21
T 22	9 23 21	22°53'23	1♉13	7°59	19°30	5°42	7°49	19°35	22°11	22° 6	3°17	1°52	3°36	11°22	n.a.	T 22
W23	9 27 17	23°52'23	14°38	7°R59	19°22	6°26	8° 1	19°41	22°12	22° 6	3°19	1°54	3°32	11°29	n.a.	W23
T 24	9 31 14	24°51'22	28°23	7°52	19°13	7°10	8°13	19°48	22°13	22° 5	3°20	1°R54	3°29	11°35	n.a.	T 24
F 25	9 35 10	25°50'18	12♊28	7°38	19° 0	7°55	8°25	19°54	22°14	22° 4	3°22	1°53	3°26	11°42	n.a.	F 25
S 26	9 39 7	26°49'11	26°52	7°19	18°45	8°39	8°36	20° 0	22°15	22° 4	3°23	1°50	3°23	11°49	n.a.	S 26
S 27	9 43 3	27°48'02	11♋33	6°53	18°28	9°23	8°48	20° 7	22°15	22° 3	3°25	1°46	3°20	11°56	n.a.	S 27
M28	9 47 0	28♒46'51	26♋24	6♓22	18♓ 8	10♓ 7	9♑ 0	20♑13	22♉16	22♎ 2	3♒26	1♈41	3♈17	12♑ 2	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 1	24n 7	4n24	17s47	0s39	2s58	3n52	15s56	0s55	24s13	0s25	23s30	0s48	18n34	0s 3	6s55	2n 1	33s22	13s56	1n17	1n54	28s38		n.a.
W 2	19 47	19 7	3 36	17 3	0 29	2 36	4 1	15 40	0 54	24 12	0 25	23 29	0 48	18 34	0 3	6 55	2 1	33 22	13 56	1 14	1 53	28 38		n.a.
T 3	19 33	13 4	2 34	16 19	0 18	2 15	4 11	15 25	0 54	24 12	0 25	23 29	0 48	18 34	0 3	6 55	2 1	33 22	13 56	1 12	1 51	28 37		n.a.
F 4	19 19	6 29	1 24	15 34	0 6	1 54	4 20	15 10	0 54	24 12	0 26	23 28	0 48	18 33	0 3	6 55	2 1	33 21	13 56	1 10	1 50	28 37		n.a.
S 5	19 4	0s12	0 11	14 48	0n 6	1 33	4 30	14 54	0 53	24 12	0 26	23 27	0 48	18 33	0 3	6 55	2 1	33 21	13 56	1 10	1 49	28 36		n.a.
S 6	18 49	6 39	1s 1	14 2	0 18	1 13	4 40	14 39	0 53	24 11	0 26	23 26	0 48	18 33	0 3	6 55	2 1	33 21	13 56	1 10	1 48	28 36		n.a.
M 7	18 33	12 37	2 7	13 16	0 31	0 53	4 49	14 23	0 52	24 11	0 26	23 25	0 48	18 33	0 3	6 55	2 1	33 20	13 56	1 11	1 46	28 35		n.a.
T 8	18 17	17 54	3 4	12 31	0 44	0 35	4 59	14 7	0 52	24 11	0 26	23 24	0 49	18 33	0 3	6 55	2 1	33 20	13 56	1 11	1 45	28 34		n.a.
W 9	18 1	22 19	3 52	11 46	0 58	0 16	5 9	13 51	0 51	24 10	0 26	23 23	0 49	18 33	0 3	6 54	2 1	33 20	13 56	1 10	1 44	28 34		n.a.
T 10	17 45	25 43	4 29	11 3	1 11	0n 1	5 18	13 35	0 51	24 10	0 26	23 23	0 49	18 33	0 3	6 54	2 1	33 19	13 56	1 9	1 42	28 33		n.a.
F 11	17 28	27 57	4 53	10 20	1 25	0 18	5 28	13 19	0 50	24 10	0 27	23 22	0 49	18 33	0 3	6 54	2 2	33 19	13 56	1 7	1 41	28 33		n.a.
S 12	17 11	28 54	5 5	9 40	1 38	0 34	5 38	13 3	0 50	24 9	0 27	23 21	0 49	18 33	0 3	6 54	2 2	33 19	13 56	1 4	1 40	28 32		n.a.
S 13	16 54	28 31	5 4	9 2	1 51	0 49	5 47	12 47	0 49	24 9	0 27	23 20	0 49	18 34	0 3	6 54	2 2	33 18	13 56	1 1	1 39	28 31		n.a.
M14	16 36	26 49	4 49	8 26	2 5	1 3	5 57	12 30	0 49	24 8	0 27	23 19	0 49	18 34	0 3	6 54	2 2	33 18	13 56	0 57	1 37	28 31		n.a.
T 15	16 18	23 55	4 22	7 53	2 17	1 16	6 6	12 14	0 48	24 8	0 27	23 18	0 49	18 34	0 3	6 53	2 2	33 18	13 56	0 53	1 36	28 30		n.a.
W16	16 0	19 57	3 43	7 23	2 29	1 28	6 16	11 57	0 48	24 7	0 27	23 17	0 49	18 34	0 2	6 53	2 2	33 17	13 57	0 50	1 35	28 29		n.a.
T 17	15 42	15 8	2 53	6 56	2 41	1 40	6 25	11 40	0 47	24 7	0 28	23 17	0 50	18 34	0 2	6 53	2 2	33 17	13 57	0 47	1 33	28 29		n.a.
F 18	15 23	9 40	1 55	6 32	2 51	1 50	6 34	11 23	0 46	24 6	0 28	23 16	0 50	18 34	0 2	6 53	2 2	33 17	13 57	0 46	1 32	28 28		n.a.
S 19	15 5	3 45	0 50	6 12	3 1	1 59	6 43	11 7	0 46	24 6	0 28	23 15	0 50	18 34	0 2	6 53	2 2	33 16	13 57	0 45	1 31	28 27		n.a.
S 20	14 46	2n23	0n18	5 55	3 10	2 7	6 51	10 50	0 45	24 5	0 28	23 14	0 50	18 34	0 2	6 52	2 2	33 16	13 57	0 44	1 30	28 27		n.a.
M21	14 26	8 33	1 27	5 42	3 18	2 13	6 59	10 33	0 45	24 5	0 28	23 13	0 50	18 35	0 2	6 52	2 2	33 16	13 57	0 45	1 28	28 26		n.a.
T 22	14 7	14 28	2 33	5 33	3 25	2 19	7 7	10 16	0 44	24 4	0 28	23 12	0 50	18 35	0 2	6 52	2 2	33 16	13 57	0 45	1 27	28 25		n.a.
W23	13 47	19 51	3 32	5 28	3 30	2 23	7 15	9 59	0 44	24 4	0 29	23 12	0 50	18 35	0 2	6 51	2 2	33 15	13 57	0 46	1 26	28 24		n.a.
T 24	13 27	24 21	4 20	5 27	3 34	2 26	7 22	9 41	0 43	24 3	0 29	23 11	0 50	18 35	0 2	6 51	2 2	33 15	13 58	0 46	1 25	28 24		n.a.
F 25	13 7	27 31	4 54	5 30	3 36	2 27	7 29	9 24	0 43	24 3	0 29	23 10	0 50	18 35	0 2	6 51	2 2	33 15	13 58	0 46	1 23	28 23		n.a.
S 26	12 47	28 58	5 10	5 37	3 37	2 27	7 35	9 7	0 42	24 2	0 29	23 9	0 51	18 36	0 2	6 50	2 2	33 15	13 58	0 44	1 22	28 22		n.a.
S 27	12 26	28 25	5 7	5 47	3 37	2 26	7 41	8 49	0 42	24 1	0 29	23 8	0 51	18 36	0 2	6 50	2 2	33 14	13 58	0 43	1 21	28 21		n.a.
M28	12s 5	25n51	4n43	6s 1	3n34	2n23	7n47	8s32	0s41	24s 1	0s29	23s 7	0s51	18n36	0s 2	6s50	2n 3	33s14	13s58	0n41	1n19	28s21		n.a.

Julian Day Number = 1298129.5, Delta T = 07h52m54s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'20, Lahiri = -19°57'19 Julian Calendar 1 Feb. 1159 BCE == Greg. Calendar 21 Jan. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

MARCH 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 56	29♒45'37	11♌18	5°R47	17°R46	10♓51	9♉11	20♉19	22♉17	22°R 1	3♒28	1°R37	3♈13	12♉ 9	n.a.	T 1
W 2	9 54 53	0♓44'21	26° 7	5♓ 8	17♓22	11°35	9°23	20°25	22°19	22♎ 1	3°29	1♈33	3°10	12°16	n.a.	W 2
T 3	9 58 50	1°43'03	10♍42	4°26	16°55	12°19	9°34	20°32	22°20	22° 0	3°30	1°30	3° 7	12°23	n.a.	T 3
F 4	10 2 46	2°41'42	24°58	3°42	16°27	13° 3	9°45	20°38	22°21	21°59	3°32	1°D29	3° 4	12°29	n.a.	F 4
S 5	10 6 43	3°40'20	8♎51	2°57	15°57	13°47	9°56	20°44	22°22	21°58	3°33	1°29	3° 1	12°36	n.a.	S 5
S 6	10 10 39	4°38'56	22°17	2°11	15°25	14°30	10° 8	20°50	22°23	21°57	3°35	1°30	2°57	12°43	n.a.	S 6
M 7	10 14 36	5°37'30	5♏19	1°26	14°51	15°14	10°18	20°56	22°25	21°56	3°36	1°31	2°54	12°49	n.a.	M 7
T 8	10 18 32	6°36'02	17°59	0°42	14°16	15°58	10°29	21° 2	22°26	21°55	3°37	1°33	2°51	12°56	n.a.	T 8
W 9	10 22 29	7°34'32	0♐20	0° 0	13°40	16°41	10°40	21° 7	22°28	21°54	3°39	1°34	2°48	13° 3	n.a.	W 9
T 10	10 26 25	8°33'01	12°27	29♒21	13° 3	17°25	10°51	21°13	22°29	21°53	3°40	1°R34	2°45	13°10	n.a.	T 10
F 11	10 30 22	9°31'28	24°25	28°46	12°25	18° 9	11° 1	21°19	22°31	21°52	3°42	1°33	2°42	13°16	n.a.	F 11
S 12	10 34 18	10°29'53	6♑17	28°14	11°47	18°52	11°12	21°25	22°32	21°51	3°43	1°31	2°38	13°23	n.a.	S 12
S 13	10 38 15	11°28'16	18° 9	27°46	11° 9	19°35	11°22	21°30	22°34	21°50	3°44	1°29	2°35	13°30	n.a.	S 13
M14	10 42 12	12°26'38	0♒ 5	27°23	10°31	20°19	11°33	21°36	22°36	21°48	3°46	1°26	2°32	13°36	n.a.	M14
T 15	10 46 8	13°24'57	12° 6	27° 5	9°53	21° 2	11°43	21°41	22°37	21°47	3°47	1°23	2°29	13°43	n.a.	T 15
W16	10 50 5	14°23'15	24°16	26°51	9°16	21°46	11°53	21°47	22°39	21°46	3°48	1°20	2°26	13°50	n.a.	W16
T 17	10 54 1	15°21'31	6♓38	26°43	8°40	22°29	12° 3	21°52	22°41	21°45	3°49	1°18	2°23	13°57	n.a.	T 17
F 18	10 57 58	16°19'45	19°11	26°D39	8° 5	23°12	12°13	21°57	22°43	21°44	3°51	1°17	2°19	14° 3	n.a.	F 18
S 19	11 1 54	17°17'58	1♈57	26°41	7°31	23°55	12°22	22° 3	22°45	21°42	3°52	1°D17	2°16	14°10	n.a.	S 19
S 20	11 5 51	18°16'08	14°56	26°47	6°58	24°38	12°32	22° 8	22°47	21°41	3°53	1°17	2°13	14°17	n.a.	S 20
M21	11 9 47	19°14'16	28° 9	26°59	6°27	25°21	12°41	22°13	22°49	21°40	3°54	1°18	2°10	14°24	n.a.	M21
T 22	11 13 44	20°12'22	11♉35	27°15	5°58	26° 4	12°51	22°18	22°51	21°39	3°55	1°19	2° 7	14°30	n.a.	T 22
W23	11 17 41	21°10'26	25°14	27°35	5°30	26°47	13° 0	22°23	22°53	21°37	3°57	1°20	2° 3	14°37	n.a.	W23
T 24	11 21 37	22° 8'29	9♊ 6	28° 0	5° 5	27°30	13° 9	22°28	22°55	21°36	3°58	1°20	2° 0	14°44	n.a.	T 24
F 25	11 25 34	23° 6'29	23°10	28°29	4°42	28°13	13°18	22°32	22°57	21°35	3°59	1°R20	1°57	14°50	n.a.	F 25
S 26	11 29 30	24° 4'27	7♋24	29° 3	4°21	28°56	13°27	22°37	22°59	21°33	4° 0	1°20	1°54	14°57	n.a.	S 26
S 27	11 33 27	25° 2'23	21°46	29°40	4° 3	29°38	13°36	22°42	23° 1	21°32	4° 1	1°20	1°51	15° 4	n.a.	S 27
M28	11 37 23	26° 0'17	6♌13	0♓21	3°47	0♈21	13°44	22°46	23° 4	21°30	4° 2	1°19	1°48	15°11	n.a.	M28
T 29	11 41 20	26°58'09	20°39	1° 6	3°33	1° 4	13°53	22°51	23° 6	21°29	4° 3	1°19	1°44	15°17	n.a.	T 29
W30	11 45 16	27°55'59	5♍ 1	1°54	3°21	1°46	14° 1	22°55	23° 8	21°28	4° 4	1°18	1°41	15°24	n.a.	W30
T 31	11 49 13	28♓53'48	19♍13	2♓46	3♓12	2♈29	14♉ 9	23♉ 0	23♉11	21♎26	4♒ 5	1♈18	1♈38	15♉31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s45	21n31	4n 0	6s17	3n30	2n18	7n51	8s15	0s41	24s 0	0s30	23s 7	0s51	18n36	0s 2	6s49	2n 3	33s14	13s58	0n39	1n18	28s20			n.a.
W 2	11 24	15 51	3 1	6 37	3 24	2 12	7 55	7 57	0 40	24 0	0 30	23 6	0 51	18 37	0 2	6 49	2 3	33 14	13 59	0 37	1 17	28 19			n.a.
T 3	11 2	9 23	1 51	6 59	3 17	2 5	7 58	7 39	0 39	23 59	0 30	23 5	0 51	18 37	0 2	6 49	2 3	33 14	13 59	0 36	1 16	28 18			n.a.
F 4	10 41	2 34	0 36	7 24	3 8	1 56	8 1	7 22	0 39	23 58	0 30	23 4	0 51	18 37	0 2	6 48	2 3	33 13	13 59	0 36	1 14	28 17			n.a.
S 5	10 19	4s11	0s40	7 50	2 58	1 46	8 3	7 4	0 38	23 58	0 30	23 3	0 51	18 38	0 2	6 48	2 3	33 13	13 59	0 36	1 13	28 17			n.a.
S 6	9 58	10 32	1 52	8 17	2 47	1 34	8 4	6 47	0 38	23 57	0 30	23 2	0 52	18 38	0 2	6 48	2 3	33 13	13 59	0 36	1 12	28 16			n.a.
M 7	9 36	16 15	2 55	8 45	2 34	1 22	8 4	6 29	0 37	23 56	0 31	23 2	0 52	18 38	0 2	6 47	2 3	33 13	13 59	0 37	1 10	28 15			n.a.
T 8	9 14	21 7	3 48	9 14	2 20	1 7	8 3	6 11	0 37	23 56	0 31	23 1	0 52	18 39	0 2	6 47	2 3	33 13	14 0	0 37	1 9	28 14			n.a.
W 9	8 52	24 56	4 29	9 42	2 6	0 52	8 1	5 53	0 36	23 55	0 31	23 0	0 52	18 39	0 2	6 46	2 3	33 12	14 0	0 38	1 8	28 13			n.a.
T 10	8 30	27 34	4 57	10 10	1 50	0 35	7 59	5 36	0 36	23 54	0 31	22 59	0 52	18 40	0 2	6 46	2 3	33 12	14 0	0 38	1 7	28 12			n.a.
F 11	8 8	28 54	5 12	10 37	1 35	0 18	7 55	5 18	0 35	23 53	0 31	22 59	0 52	18 40	0 2	6 45	2 3	33 12	14 0	0 38	1 5	28 12			n.a.
S 12	7 45	28 54	5 13	11 3	1 19	0s 1	7 51	5 0	0 34	23 53	0 32	22 58	0 52	18 40	0 2	6 45	2 3	33 12	14 1	0 37	1 4	28 11			n.a.
S 13	7 23	27 33	5 1	11 28	1 3	0 20	7 46	4 42	0 34	23 52	0 32	22 57	0 53	18 41	0 2	6 44	2 3	33 12	14 1	0 36	1 3	28 10			n.a.
M14	7 0	24 57	4 36	11 51	0 47	0 40	7 40	4 24	0 33	23 51	0 32	22 56	0 53	18 41	0 2	6 44	2 3	33 12	14 1	0 35	1 1	28 9			n.a.
T 15	6 37	21 16	3 59	12 12	0 31	1 0	7 33	4 7	0 33	23 51	0 32	22 55	0 53	18 42	0 2	6 44	2 3	33 12	14 1	0 33	1 0	28 8			n.a.
W16	6 15	16 38	3 10	12 32	0 15	1 21	7 25	3 49	0 32	23 50	0 32	22 55	0 53	18 42	0 2	6 43	2 3	33 12	14 1	0 32	0 59	28 7			n.a.
T 17	5 52	11 16	2 12	12 49	0s 0	1 43	7 17	3 31	0 32	23 49	0 33	22 54	0 53	18 43	0 2	6 43	2 3	33 11	14 2	0 32	0 58	28 6			n.a.
F 18	5 29	5 22	1 6	13 4	0 15	2 5	7 8	3 13	0 31	23 48	0 33	22 53	0 53	18 43	0 2	6 42	2 3	33 11	14 2	0 31	0 56	28 5			n.a.
S 19	5 6	0n51	0n 4	13 17	0 29	2 26	6 58	2 55	0 30	23 48	0 33	22 53	0 53	18 44	0 2	6 42	2 3	33 11	14 2	0 31	0 55	28 4			n.a.
S 20	4 43	7 8	1 15	13 28	0 43	2 48	6 47	2 37	0 30	23 47	0 33	22 52	0 54	18 44	0 2	6 41	2 3	33 11	14 2	0 31	0 54	28 3			n.a.
M21	4 20	13 13	2 23	13 36	0 56	3 10	6 37	2 19	0 29	23 46	0 33	22 51	0 54	18 45	0 2	6 41	2 3	33 11	14 3	0 31	0 52	28 2			n.a.
T 22	3 56	18 48	3 25	13 42	1 9	3 31	6 25	2 1	0 29	23 46	0 34	22 50	0 54	18 45	0 2	6 40	2 4	33 11	14 3	0 32	0 51	28 2			n.a.
W23	3 33	23 31	4 16	13 46	1 20	3 52	6 13	1 44	0 28	23 45	0 34	22 50	0 54	18 46	0 2	6 39	2 4	33 11	14 3	0 32	0 50	28 1			n.a.
T 24	3 10	27 0	4 53	13 47	1 31	4 13	6 1	1 26	0 27	23 44	0 34	22 49	0 54	18 46	0 2	6 39	2 4	33 11	14 4	0 32	0 49	28 0			n.a.
F 25	2 47	28 52	5 13	13 47	1 42	4 33	5 48	1 8	0 27	23 44	0 34	22 48	0 54	18 47	0 2	6 38	2 4	33 11	14 4	0 33	0 47	27 59			n.a.
S 26	2 23	28 52	5 15	13 44	1 51	4 52	5 36	0 50	0 26	23 43	0 34	22 48	0 54	18 48	0 2	6 38	2 4	33 11	14 4	0 32	0 46	27 58			n.a.
S 27	2 0	26 55	4 57	13 39	2 0	5 11	5 23	0 32	0 26	23 42	0 35	22 47	0 55	18 48	0 2	6 37	2 4	33 11	14 4	0 32	0 45	27 57			n.a.
M28	1 37	23 13	4 20	13 32	2 8	5 29	5 9	0 14	0 25	23 41	0 35	22 47	0 55	18 49	0 2	6 37	2 4	33 11	14 5	0 32	0 43	27 56			n.a.
T 29	1 13	18 6	3 27	13 22	2 16	5 47	4 56	0n 3	0 25	23 41	0 35	22 46	0 55	18 49	0 2	6 36	2 4	33 11	14 5	0 32	0 42	27 55			n.a.
W30	0 50	12 0	2 21	13 11	2 22	6 3	4 43	0 21	0 24	23 40	0 35	22 45	0 55	18 50	0 2	6 36	2 4	33 11	14 5	0 32	0 41	27 54			n.a.
T 31	0s27	5n21	1n 6	12s57	2s28	6s19	4n29	0n39	0s23	23s39	0s35	22s45	0s55	18n51	0s 2	6s35	2n 4	33s11	14s 5	0n32	0n40	27s53			n.a.

Julian Day Number = 1298157.5, Delta T = 07h52m53s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'16, Lahiri = -19°57'16 Julian Calendar 1 March 1159 BCE == Greg. Calendar 18 Feb. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

APRIL 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 53 9	29♓51'34	3♎11	3♓41	3°R 6	3♈11	14♑17	23♑ 4	23♉13	21°R25	4♒ 6	1°D18	1♈35	15♑37	n.a.	F 1
S 2	11 57 6	0♈49'19	16°51	4°39	3♓ 2	3°54	14°25	23° 8	23°16	21♎23	4° 7	1°R18	1°32	15°44	n.a.	S 2
S 3	12 1 3	1°47'03	0♏12	5°40	3°D 0	4°36	14°33	23°12	23°18	21°22	4° 8	1♈18	1°28	15°51	n.a.	S 3
M 4	12 4 59	2°44'45	13°12	6°44	3° 1	5°18	14°41	23°17	23°21	21°20	4° 9	1°18	1°25	15°58	n.a.	M 4
T 5	12 8 56	3°42'26	25°52	7°51	3° 4	6° 1	14°48	23°20	23°23	21°19	4°10	1°18	1°22	16° 4	n.a.	T 5
W 6	12 12 52	4°40'05	8♐16	9° 1	3° 9	6°43	14°56	23°24	23°26	21°17	4°11	1°18	1°19	16°11	n.a.	W 6
T 7	12 16 49	5°37'44	20°25	10°13	3°17	7°25	15° 3	23°28	23°29	21°16	4°12	1°17	1°16	16°18	n.a.	T 7
F 8	12 20 45	6°35'21	2♑25	11°28	3°27	8° 7	15°10	23°32	23°31	21°14	4°13	1°D17	1°13	16°24	n.a.	F 8
S 9	12 24 42	7°32'57	14°19	12°46	3°39	8°49	15°17	23°36	23°34	21°13	4°14	1°17	1° 9	16°31	n.a.	S 9
S 10	12 28 38	8°30'32	26°12	14° 6	3°53	9°31	15°24	23°39	23°37	21°11	4°15	1°17	1° 6	16°38	n.a.	S 10
M11	12 32 35	9°28'06	8♒ 9	15°28	4° 8	10°13	15°30	23°43	23°40	21° 9	4°15	1°18	1° 3	16°45	n.a.	M11
T 12	12 36 32	10°25'39	20°13	16°53	4°26	10°55	15°37	23°46	23°43	21° 8	4°16	1°19	1° 0	16°51	n.a.	T 12
W13	12 40 28	11°23'10	2♓29	18°20	4°46	11°37	15°43	23°49	23°45	21° 6	4°17	1°20	0°57	16°58	n.a.	W13
T 14	12 44 25	12°20'41	15° 0	19°50	5° 7	12°19	15°49	23°53	23°48	21° 5	4°18	1°21	0°54	17° 5	n.a.	T 14
F 15	12 48 21	13°18'10	27°48	21°22	5°31	13° 1	15°55	23°56	23°51	21° 3	4°18	1°R21	0°50	17°12	n.a.	F 15
S 16	12 52 18	14°15'38	10♈52	22°56	5°56	13°43	16° 1	23°59	23°54	21° 1	4°19	1°21	0°47	17°18	n.a.	S 16
S 17	12 56 14	15°13'05	24°15	24°33	6°22	14°24	16° 7	24° 2	23°57	21° 0	4°20	1°20	0°44	17°25	n.a.	S 17
M18	13 0 11	16°10'31	7♉53	26°12	6°50	15° 6	16°12	24° 5	24° 0	20°58	4°21	1°19	0°41	17°32	n.a.	M18
T 19	13 4 7	17° 7'55	21°45	27°53	7°20	15°48	16°18	24° 7	24° 3	20°57	4°21	1°17	0°38	17°38	n.a.	T 19
W20	13 8 4	18° 5'19	5♊48	29°37	7°51	16°29	16°23	24°10	24° 6	20°55	4°22	1°15	0°34	17°45	n.a.	W20
T 21	13 12 1	19° 2'41	19°58	1♈22	8°23	17°11	16°28	24°13	24° 9	20°53	4°22	1°13	0°31	17°52	n.a.	T 21
F 22	13 15 57	20° 0'02	4♋12	3°10	8°57	17°52	16°33	24°15	24°12	20°52	4°23	1°11	0°28	17°59	n.a.	F 22
S 23	13 19 54	20°57'21	18°26	5° 1	9°31	18°34	16°38	24°17	24°16	20°50	4°24	1°D11	0°25	18° 5	n.a.	S 23
S 24	13 23 50	21°54'39	2♌39	6°53	10° 8	19°15	16°42	24°20	24°19	20°49	4°24	1°11	0°22	18°12	n.a.	S 24
M25	13 27 47	22°51'56	16°48	8°48	10°45	19°56	16°46	24°22	24°22	20°47	4°25	1°12	0°19	18°19	n.a.	M25
T 26	13 31 43	23°49'12	0♍51	10°45	11°23	20°38	16°51	24°24	24°25	20°45	4°25	1°13	0°15	18°25	n.a.	T 26
W27	13 35 40	24°46'26	14°45	12°44	12° 3	21°19	16°55	24°26	24°28	20°44	4°25	1°14	0°12	18°32	n.a.	W27
T 28	13 39 36	25°43'39	28°30	14°45	12°43	22° 0	16°58	24°28	24°32	20°42	4°26	1°R15	0° 9	18°39	n.a.	T 28
F 29	13 43 33	26°40'52	12♎ 3	16°48	13°25	22°41	17° 2	24°30	24°35	20°40	4°26	1°15	0° 6	18°46	n.a.	F 29
S 30	13 47 30	27♈38'03	25♎23	18♈52	14♓ 8	23♈22	17♑ 6	24♑32	24♉38	20♎39	4♒27	1♈13	0♈ 3	18♑52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 3	1s27	0s10	12s42	2s34	6s34	4n16	0n56	0s23	23s39	0s36	22s44	0s55	18n51	0s 2	6s34	2n 4	33s11	14s 6	0n32	0n38	27s52		n.a.
S 2	0n20	8 2	1 25	12 25	2 38	6 47	4 3	1 14	0 22	23 38	0 36	22 44	0 56	18 52	0 2	6 34	2 4	33 11	14 6	0 32	0 37	27 51		n.a.
S 3	0 43	14 7	2 33	12 5	2 42	7 0	3 50	1 32	0 22	23 38	0 36	22 43	0 56	18 52	0 2	6 33	2 4	33 11	14 6	0 32	0 36	27 49		n.a.
M 4	1 7	19 25	3 32	11 44	2 45	7 12	3 37	1 49	0 21	23 37	0 36	22 43	0 56	18 53	0 2	6 33	2 4	33 11	14 7	0 32	0 34	27 48		n.a.
T 5	1 30	23 43	4 18	11 21	2 48	7 23	3 24	2 7	0 20	23 36	0 37	22 42	0 56	18 54	0 2	6 32	2 4	33 11	14 7	0 31	0 33	27 47		n.a.
W 6	1 53	26 50	4 52	10 56	2 49	7 33	3 11	2 24	0 20	23 36	0 37	22 42	0 56	18 55	0 2	6 32	2 4	33 11	14 7	0 31	0 32	27 46		n.a.
T 7	2 16	28 39	5 11	10 29	2 50	7 42	2 58	2 42	0 19	23 35	0 37	22 41	0 56	18 55	0 2	6 31	2 4	33 11	14 8	0 31	0 31	27 45		n.a.
F 8	2 39	29 5	5 17	10 0	2 51	7 50	2 46	2 59	0 19	23 34	0 37	22 41	0 57	18 56	0 2	6 30	2 4	33 11	14 8	0 31	0 29	27 44		n.a.
S 9	3 3	28 10	5 9	9 30	2 51	7 57	2 34	3 17	0 18	23 34	0 38	22 40	0 57	18 57	0 2	6 30	2 4	33 11	14 8	0 31	0 28	27 43		n.a.
S 10	3 26	25 57	4 47	8 58	2 50	8 3	2 22	3 34	0 17	23 33	0 38	22 40	0 57	18 57	0 2	6 29	2 4	33 12	14 9	0 31	0 27	27 42		n.a.
M11	3 49	22 36	4 14	8 24	2 48	8 8	2 10	3 51	0 17	23 33	0 38	22 39	0 57	18 58	0 2	6 28	2 4	33 12	14 9	0 32	0 25	27 41		n.a.
T 12	4 12	18 16	3 28	7 48	2 46	8 12	1 58	4 9	0 16	23 32	0 38	22 39	0 57	18 59	0 2	6 28	2 4	33 12	14 9	0 32	0 24	27 40		n.a.
W13	4 35	13 8	2 33	7 11	2 44	8 16	1 47	4 26	0 16	23 32	0 39	22 38	0 57	18 59	0 2	6 27	2 4	33 12	14 10	0 32	0 23	27 39		n.a.
T 14	4 57	7 22	1 29	6 32	2 40	8 18	1 36	4 43	0 15	23 31	0 39	22 38	0 58	19 0	0 2	6 27	2 4	33 12	14 10	0 33	0 22	27 37		n.a.
F 15	5 20	1 12	0 20	5 52	2 36	8 19	1 26	5 0	0 14	23 31	0 39	22 38	0 58	19 1	0 2	6 26	2 4	33 12	14 10	0 33	0 20	27 36		n.a.
S 16	5 43	5n10	0n52	5 10	2 32	8 20	1 15	5 17	0 14	23 30	0 39	22 37	0 58	19 2	0 2	6 25	2 4	33 12	14 11	0 33	0 19	27 35		n.a.
S 17	6 5	11 27	2 3	4 26	2 27	8 19	1 5	5 34	0 13	23 30	0 39	22 37	0 58	19 2	0 2	6 25	2 4	33 12	14 11	0 32	0 18	27 34		n.a.
M18	6 28	17 20	3 8	3 41	2 21	8 18	0 55	5 51	0 13	23 29	0 40	22 36	0 58	19 3	0 2	6 24	2 4	33 13	14 11	0 32	0 16	27 33		n.a.
T 19	6 50	22 25	4 3	2 55	2 15	8 16	0 45	6 8	0 12	23 29	0 40	22 36	0 59	19 4	0 2	6 24	2 4	33 13	14 12	0 31	0 15	27 32		n.a.
W20	7 12	26 18	4 45	2 7	2 8	8 13	0 36	6 25	0 11	23 29	0 40	22 36	0 59	19 5	0 2	6 23	2 4	33 13	14 12	0 30	0 14	27 30		n.a.
T 21	7 35	28 35	5 9	1 17	2 1	8 9	0 27	6 41	0 11	23 28	0 40	22 36	0 59	19 6	0 2	6 22	2 4	33 13	14 12	0 29	0 13	27 29		n.a.
F 22	7 57	29 0	5 14	0 27	1 53	8 5	0 18	6 58	0 10	23 28	0 41	22 35	0 59	19 6	0 2	6 22	2 4	33 13	14 13	0 29	0 11	27 28		n.a.
S 23	8 19	27 30	5 1	0n25	1 45	7 59	0 9	7 15	0 10	23 28	0 41	22 35	0 59	19 7	0 2	6 21	2 4	33 13	14 13	0 29	0 10	27 27		n.a.
S 24	8 40	24 15	4 29	1 18	1 37	7 53	0 1	7 31	0 9	23 27	0 41	22 35	0 59	19 8	0 2	6 21	2 4	33 14	14 13	0 29	0 9	27 26		n.a.
M25	9 2	19 33	3 41	2 12	1 28	7 46	0s 8	7 47	0 8	23 27	0 42	22 35	1 0	19 9	0 2	6 20	2 4	33 14	14 14	0 29	0 8	27 24		n.a.
T 26	9 24	13 50	2 39	3 8	1 18	7 39	0 16	8 4	0 8	23 27	0 42	22 34	1 0	19 10	0 2	6 19	2 4	33 14	14 14	0 30	0 6	27 23		n.a.
W27	9 45	7 28	1 29	4 4	1 8	7 31	0 23	8 20	0 7	23 26	0 42	22 34	1 0	19 10	0 2	6 19	2 4	33 14	14 14	0 30	0 5	27 22		n.a.
T 28	10 6	0 50	0 15	5 1	0 58	7 22	0 31	8 36	0 7	23 26	0 42	22 34	1 0	19 11	0 2	6 18	2 4	33 15	14 15	0 30	0 4	27 21		n.a.
F 29	10 27	5s45	0s59	5 58	0 48	7 12	0 38	8 52	0 6	23 26	0 43	22 34	1 0	19 12	0 2	6 17	2 4	33 15	14 15	0 30	0 2	27 19		n.a.
S 30	10n48	11s58	2s 8	6n56	0s37	7s 2	0s45	9n 8	0s 5	23s26	0s43	22s34	1s 1	19n13	0s 2	6s17	2n 4	33s15	14s16	0n30	0n 1	27s18		n.a.

Julian Day Number = 1298188.5, Delta T = 07h52m51s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'12, Lahiri = -19°57'11 Julian Calendar 1 Apr. 1159 BCE == Greg. Calendar 21 March 1159 BCE

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

MAY 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 26	28♈35'14	8♏28	20♈59	14♓51	24♈ 3	17♉ 9	24♉33	24♉42	20°R37	4♒27	1°R10	29♓59	18♉59	n.a.	S 1
M 2	13 55 23	29°32'24	21°18	23° 6	15°36	24°44	17°12	24°35	24°45	20♎36	4°27	1♈ 6	29°56	19° 6	n.a.	M 2
T 3	13 59 19	0♉29'34	3♐53	25°15	16°21	25°25	17°15	24°36	24°48	20°34	4°28	1° 2	29°53	19°12	n.a.	T 3
W 4	14 3 16	1°26'43	16°13	27°25	17° 7	26° 6	17°18	24°38	24°52	20°32	4°28	0°57	29°50	19°19	n.a.	W 4
T 5	14 7 12	2°23'52	28°22	29°36	17°54	26°47	17°20	24°39	24°55	20°31	4°28	0°52	29°47	19°26	n.a.	T 5
F 6	14 11 9	3°21'00	10♉21	1♉48	18°42	27°28	17°23	24°40	24°58	20°29	4°29	0°49	29°44	19°33	n.a.	F 6
S 7	14 15 6	4°18'08	22°15	3°59	19°31	28° 9	17°25	24°41	25° 2	20°28	4°29	0°47	29°40	19°39	n.a.	S 7
S 8	14 19 2	5°15'16	4♒ 7	6°11	20°20	28°49	17°27	24°42	25° 5	20°26	4°29	0°D46	29°37	19°46	n.a.	S 8
M 9	14 22 59	6°12'23	16° 4	8°22	21°10	29°30	17°29	24°43	25° 9	20°25	4°29	0°46	29°34	19°53	n.a.	M 9
T 10	14 26 55	7° 9'30	28° 8	10°32	22° 0	0♉11	17°30	24°44	25°12	20°23	4°29	0°48	29°31	19°59	n.a.	T 10
W11	14 30 52	8° 6'37	10♓27	12°42	22°52	0°51	17°32	24°44	25°16	20°22	4°30	0°49	29°28	20° 6	n.a.	W11
T 12	14 34 48	9° 3'44	23° 2	14°51	23°43	1°32	17°33	24°45	25°19	20°20	4°30	0°50	29°25	20°13	n.a.	T 12
F 13	14 38 45	10° 0'51	5♈58	16°59	24°36	2°12	17°34	24°45	25°23	20°19	4°30	0°R50	29°21	20°20	n.a.	F 13
S 14	14 42 41	10°57'57	19°17	19° 5	25°29	2°53	17°35	24°46	25°26	20°17	4°30	0°49	29°18	20°26	n.a.	S 14
S 15	14 46 38	11°55'04	2♉59	21° 9	26°23	3°33	17°36	24°46	25°30	20°16	4°30	0°46	29°15	20°33	n.a.	S 15
M16	14 50 35	12°52'10	17° 2	23°12	27°17	4°14	17°36	24°46	25°33	20°14	4°R30	0°41	29°12	20°40	n.a.	M16
T 17	14 54 31	13°49'16	1♊21	25°13	28°11	4°54	17°36	24°R46	25°37	20°13	4°30	0°35	29° 9	20°46	n.a.	T 17
W18	14 58 28	14°46'22	15°51	27°13	29° 7	5°35	17°R36	24°46	25°40	20°11	4°30	0°28	29° 6	20°53	n.a.	W18
T 19	15 2 24	15°43'27	0♋26	29°10	0♈ 2	6°15	17°36	24°46	25°44	20°10	4°30	0°22	29° 2	21° 0	n.a.	T 19
F 20	15 6 21	16°40'33	14°58	1♊ 5	0°58	6°55	17°36	24°46	25°48	20° 8	4°30	0°17	28°59	21° 7	n.a.	F 20
S 21	15 10 17	17°37'37	29°24	2°58	1°55	7°35	17°36	24°45	25°51	20° 7	4°30	0°13	28°56	21°13	n.a.	S 21
S 22	15 14 14	18°34'42	13♌38	4°50	2°52	8°16	17°35	24°45	25°55	20° 6	4°29	0°D12	28°53	21°20	n.a.	S 22
M23	15 18 11	19°31'46	27°40	6°39	3°49	8°56	17°34	24°45	25°58	20° 4	4°29	0°12	28°50	21°27	n.a.	M23
T 24	15 22 7	20°28'50	11♍28	8°26	4°47	9°36	17°33	24°44	26° 2	20° 3	4°29	0°13	28°46	21°33	n.a.	T 24
W25	15 26 4	21°25'53	25° 2	10°10	5°45	10°16	17°32	24°43	26° 6	20° 2	4°29	0°R14	28°43	21°40	n.a.	W25
T 26	15 30 0	22°22'56	8♎24	11°53	6°43	10°56	17°30	24°42	26° 9	20° 0	4°29	0°14	28°40	21°47	n.a.	T 26
F 27	15 33 57	23°19'59	21°34	13°34	7°42	11°36	17°29	24°41	26°13	19°59	4°28	0°12	28°37	21°54	n.a.	F 27
S 28	15 37 53	24°17'03	4♏31	15°12	8°42	12°16	17°27	24°40	26°16	19°58	4°28	0° 7	28°34	22° 0	n.a.	S 28
S 29	15 41 50	25°14'06	17°18	16°49	9°41	12°55	17°25	24°39	26°20	19°56	4°28	0° 1	28°31	22° 7	n.a.	S 29
M30	15 45 46	26°11'10	29°53	18°23	10°41	13°35	17°23	24°38	26°24	19°55	4°28	29♓52	28°27	22°14	n.a.	M30
T 31	15 49 43	27♉ 8'14	12♐16	19♊55	11♈42	14♉15	17♉20	24♉37	26♉27	19♎54	4♒27	29♓42	28♓24	22♉20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n 9	17s33	3s10	7n54	0s27	6s51	0s51	9n24	0s 5	23s26	0s43	22s34	1s 1	19n14	0s 2	6s16	2n 4	33s15	14s16	0n28	0s 0	27s17			n.a.
M 2	11 30	22 14	4 0	8 53	0 16	6 39	0 58	9 40	0 4	23 25	0 43	22 34	1 1	19 15	0 2	6 16	2 4	33 16	14 16	0 27	0 1	27 16			n.a.
T 3	11 50	25 49	4 38	9 51	0 5	6 27	1 4	9 56	0 4	23 25	0 44	22 33	1 1	19 15	0 2	6 15	2 4	33 16	14 17	0 25	0 3	27 14			n.a.
W 4	12 10	28 6	5 2	10 48	0n 5	6 15	1 10	10 12	0 3	23 25	0 44	22 33	1 1	19 16	0 2	6 15	2 4	33 16	14 17	0 23	0 4	27 13			n.a.
T 5	12 30	29 1	5 11	11 46	0 16	6 1	1 16	10 27	0 2	23 25	0 44	22 33	1 1	19 17	0 2	6 14	2 4	33 16	14 17	0 21	0 5	27 12			n.a.
F 6	12 50	28 32	5 8	12 42	0 26	5 47	1 22	10 43	0 2	23 25	0 44	22 33	1 2	19 18	0 2	6 13	2 4	33 17	14 18	0 20	0 7	27 10			n.a.
S 7	13 10	26 44	4 50	13 37	0 36	5 33	1 27	10 58	0 1	23 25	0 45	22 33	1 2	19 19	0 2	6 13	2 4	33 17	14 18	0 19	0 8	27 9			n.a.
S 8	13 29	23 46	4 21	14 31	0 46	5 18	1 32	11 13	0 1	23 25	0 45	22 33	1 2	19 20	0 2	6 12	2 4	33 17	14 19	0 18	0 9	27 8			n.a.
M 9	13 49	19 46	3 40	15 24	0 55	5 3	1 37	11 29	0 0	23 25	0 45	22 33	1 2	19 20	0 2	6 12	2 4	33 18	14 19	0 19	0 10	27 6			n.a.
T 10	14 8	14 57	2 49	16 14	1 4	4 47	1 42	11 44	0n 1	23 25	0 46	22 33	1 2	19 21	0 2	6 11	2 4	33 18	14 19	0 19	0 12	27 5			n.a.
W11	14 27	9 27	1 49	17 3	1 12	4 30	1 47	11 59	0 1	23 25	0 46	22 33	1 3	19 22	0 2	6 10	2 4	33 18	14 20	0 20	0 13	27 4			n.a.
T 12	14 45	3 27	0 42	17 50	1 20	4 13	1 51	12 14	0 2	23 25	0 46	22 34	1 3	19 23	0 2	6 10	2 4	33 18	14 20	0 20	0 14	27 2			n.a.
F 13	15 4	2n50	0n28	18 35	1 27	3 56	1 55	12 29	0 2	23 26	0 46	22 34	1 3	19 24	0 2	6 9	2 4	33 19	14 20	0 20	0 16	27 1			n.a.
S 14	15 22	9 11	1 38	19 17	1 34	3 38	1 59	12 43	0 3	23 26	0 47	22 34	1 3	19 25	0 2	6 9	2 4	33 19	14 21	0 20	0 17	27 0			n.a.
S 15	15 40	15 17	2 45	19 57	1 40	3 20	2 3	12 58	0 4	23 26	0 47	22 34	1 3	19 26	0 2	6 8	2 4	33 19	14 21	0 18	0 18	26 58			n.a.
M16	15 57	20 46	3 44	20 34	1 45	3 2	2 6	13 12	0 4	23 26	0 47	22 34	1 4	19 27	0 2	6 8	2 4	33 20	14 21	0 16	0 19	26 57			n.a.
T 17	16 15	25 9	4 29	21 9	1 50	2 43	2 10	13 27	0 5	23 26	0 47	22 34	1 4	19 27	0 2	6 7	2 4	33 20	14 22	0 14	0 21	26 55			n.a.
W18	16 32	28 0	4 58	21 42	1 53	2 23	2 13	13 41	0 5	23 27	0 48	22 34	1 4	19 28	0 1	6 7	2 4	33 21	14 22	0 11	0 22	26 54			n.a.
T 19	16 49	28 58	5 8	22 12	1 57	2 4	2 16	13 55	0 6	23 27	0 48	22 35	1 4	19 29	0 1	6 6	2 4	33 21	14 23	0 9	0 23	26 53			n.a.
F 20	17 6	27 55	4 58	22 39	1 59	1 44	2 19	14 9	0 7	23 27	0 48	22 35	1 4	19 30	0 1	6 6	2 4	33 21	14 23	0 7	0 25	26 51			n.a.
S 21	17 22	25 0	4 29	23 4	2 1	1 23	2 22	14 23	0 7	23 28	0 49	22 35	1 4	19 31	0 1	6 5	2 4	33 22	14 23	0 5	0 26	26 50			n.a.
S 22	17 38	20 34	3 44	23 27	2 2	1 3	2 24	14 37	0 8	23 28	0 49	22 35	1 5	19 32	0 1	6 5	2 3	33 22	14 24	0 5	0 27	26 48			n.a.
M23	17 54	15 4	2 46	23 47	2 2	0 42	2 27	14 50	0 8	23 28	0 49	22 36	1 5	19 33	0 1	6 4	2 3	33 22	14 24	0 5	0 28	26 47			n.a.
T 24	18 10	8 54	1 39	24 5	2 2	0 21	2 29	15 4	0 9	23 29	0 49	22 36	1 5	19 34	0 1	6 4	2 3	33 23	14 24	0 5	0 30	26 46			n.a.
W25	18 25	2 26	0 28	24 21	2 1	0n 1	2 31	15 17	0 10	23 29	0 50	22 36	1 5	19 34	0 1	6 3	2 3	33 23	14 25	0 6	0 31	26 44			n.a.
T 26	18 40	4s 3	0s44	24 34	2 0	0 23	2 33	15 31	0 10	23 30	0 50	22 37	1 5	19 35	0 1	6 3	2 3	33 24	14 25	0 6	0 32	26 43			n.a.
F 27	18 55	10 16	1 52	24 45	1 58	0 45	2 35	15 44	0 11	23 30	0 50	22 37	1 6	19 36	0 1	6 2	2 3	33 24	14 25	0 5	0 34	26 41			n.a.
S 28	19 9	15 57	2 53	24 54	1 55	1 7	2 36	15 57	0 11	23 31	0 51	22 37	1 6	19 37	0 1	6 2	2 3	33 24	14 26	0 3	0 35	26 40			n.a.
S 29	19 23	20 51	3 44	25 1	1 52	1 29	2 38	16 10	0 12	23 31	0 51	22 38	1 6	19 38	0 1	6 1	2 3	33 25	14 26	0 0	0 36	26 38			n.a.
M30	19 37	24 45	4 24	25 7	1 48	1 52	2 39	16 23	0 13	23 32	0 51	22 38	1 6	19 39	0 1	6 1	2 3	33 25	14 26	0s 3	0 37	26 37			n.a.
T 31	19n51	27s26	4s50	25n10	1n43	2n15	2s40	16n35	0n13	23s32	0s51	22s39	1s 6	19n40	0s 1	6s 1	2n 3	33s26	14s27	0s 7	0s39	26s35			n.a.

Julian Day Number = 1298218.5, Delta T = 07h52m49s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'08, Lahiri = -19°57'07 Julian Calendar 1 May 1159 BCE == Greg. Calendar 20 Apr. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

JUNE 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 53 40	28♉ 5'18	24♐29	21♊25	12♈42	14♉55	17°R18	24°R35	26♉31	19°R53	4°R27	29°R31	28♓21	22♑27	n.a.	W 1
T 2	15 57 36	29° 2'23	6♑33	22°53	13°43	15°35	17♑15	24♑34	26°35	19♎52	4♒27	29♓21	28°18	22°34	n.a.	T 2
F 3	16 1 33	29°59'28	18°30	24°18	14°44	16°14	17°12	24°32	26°38	19°50	4°26	29°13	28°15	22°41	n.a.	F 3
S 4	16 5 29	0♊56'34	0♒21	25°41	15°46	16°54	17° 9	24°30	26°42	19°49	4°26	29° 6	28°11	22°47	n.a.	S 4
S 5	16 9 26	1°53'40	12°12	27° 2	16°48	17°34	17° 6	24°29	26°45	19°48	4°25	29° 2	28° 8	22°54	n.a.	S 5
M 6	16 13 22	2°50'47	24° 7	28°21	17°50	18°13	17° 2	24°27	26°49	19°47	4°25	29° 0	28° 5	23° 1	n.a.	M 6
T 7	16 17 19	3°47'55	6♓10	29°38	18°52	18°53	16°59	24°25	26°53	19°46	4°24	29°D 0	28° 2	23° 7	n.a.	T 7
W 8	16 21 16	4°45'04	18°26	0♋51	19°55	19°32	16°55	24°23	26°56	19°45	4°24	29° 0	27°59	23°14	n.a.	W 8
T 9	16 25 12	5°42'13	1♈ 2	2° 3	20°58	20°12	16°51	24°21	27° 0	19°44	4°23	29°R 1	27°56	23°21	n.a.	T 9
F 10	16 29 9	6°39'24	14° 0	3°12	22° 1	20°51	16°46	24°18	27° 3	19°43	4°23	29° 0	27°52	23°28	n.a.	F 10
S 11	16 33 5	7°36'35	27°24	4°18	23° 5	21°31	16°42	24°16	27° 7	19°42	4°22	28°57	27°49	23°34	n.a.	S 11
S 12	16 37 2	8°33'47	11♉16	5°22	24° 8	22°10	16°38	24°14	27°10	19°41	4°22	28°51	27°46	23°41	n.a.	S 12
M13	16 40 58	9°31'00	25°35	6°23	25°12	22°49	16°33	24°11	27°14	19°40	4°21	28°43	27°43	23°48	n.a.	M13
T 14	16 44 55	10°28'14	10♊14	7°20	26°16	23°29	16°28	24° 9	27°18	19°39	4°20	28°34	27°40	23°54	n.a.	T 14
W15	16 48 51	11°25'29	25° 8	8°15	27°20	24° 8	16°23	24° 6	27°21	19°39	4°20	28°23	27°37	24° 1	n.a.	W15
T 16	16 52 48	12°22'44	10♋ 7	9° 7	28°25	24°47	16°18	24° 3	27°25	19°38	4°19	28°14	27°33	24° 8	n.a.	T 16
F 17	16 56 45	13°20'00	25° 2	9°55	29°30	25°26	16°13	24° 0	27°28	19°37	4°18	28° 5	27°30	24°15	n.a.	F 17
S 18	17 0 41	14°17'17	9♌45	10°40	0♉35	26° 5	16° 7	23°57	27°32	19°36	4°18	27°59	27°27	24°21	n.a.	S 18
S 19	17 4 38	15°14'34	24°10	11°22	1°40	26°45	16° 1	23°54	27°35	19°35	4°17	27°56	27°24	24°28	n.a.	S 19
M20	17 8 34	16°11'52	8♍15	11°59	2°45	27°24	15°56	23°51	27°39	19°35	4°16	27°54	27°21	24°35	n.a.	M20
T 21	17 12 31	17° 9'10	21°59	12°33	3°51	28° 3	15°50	23°48	27°42	19°34	4°16	27°54	27°17	24°41	n.a.	T 21
W22	17 16 27	18° 6'29	5♎24	13° 2	4°56	28°42	15°44	23°45	27°46	19°33	4°15	27°54	27°14	24°48	n.a.	W22
T 23	17 20 24	19° 3'49	18°31	13°27	6° 2	29°21	15°38	23°42	27°49	19°33	4°14	27°53	27°11	24°55	n.a.	T 23
F 24	17 24 20	20° 1'10	1♏24	13°48	7° 8	29°59	15°31	23°38	27°53	19°32	4°13	27°50	27° 8	25° 1	n.a.	F 24
S 25	17 28 17	20°58'31	14° 4	14° 4	8°14	0♊38	15°25	23°35	27°56	19°31	4°12	27°43	27° 5	25° 8	n.a.	S 25
S 26	17 32 14	21°55'54	26°33	14°15	9°21	1°17	15°18	23°32	27°59	19°31	4°11	27°34	27° 2	25°15	n.a.	S 26
M27	17 36 10	22°53'17	8♐53	14°22	10°27	1°56	15°12	23°28	28° 3	19°30	4°11	27°23	26°58	25°22	n.a.	M27
T 28	17 40 7	23°50'42	21° 5	14°R23	11°34	2°35	15° 5	23°24	28° 6	19°30	4°10	27°10	26°55	25°28	n.a.	T 28
W29	17 44 3	24°48'08	3♑ 9	14°18	12°41	3°14	14°58	23°21	28° 9	19°30	4° 9	26°56	26°52	25°35	n.a.	W29
T 30	17 48 0	25♊45'35	15♑ 7	14♋ 9	13♉48	3♊52	14♑51	23♑17	28♉13	19♎29	4♒ 8	26♓43	26♓49	25♑42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 4	28s45	5s 3	25n11	1n38	2n38	2s41	16n48	0n14	23s33	0s52	22s39	1s 7	19n40	0s 1	6s 0	2n 3	33s26	14s27	0s12	0s40	26s34		n.a.
T 2	20 16	28 41	5 1	25 11	1 33	3 1	2 42	17 0	0 14	23 34	0 52	22 39	1 7	19 41	0 1	6 0	2 3	33 27	14 28	0 16	0 41	26 32		n.a.
F 3	20 29	27 16	4 47	25 9	1 27	3 24	2 43	17 12	0 15	23 34	0 52	22 40	1 7	19 42	0 1	5 59	2 3	33 27	14 28	0 19	0 43	26 31		n.a.
S 4	20 41	24 38	4 20	25 6	1 20	3 48	2 44	17 25	0 16	23 35	0 53	22 40	1 7	19 43	0 1	5 59	2 3	33 27	14 28	0 22	0 44	26 29		n.a.
S 5	20 53	20 58	3 42	25 1	1 13	4 11	2 44	17 36	0 16	23 36	0 53	22 41	1 7	19 44	0 1	5 59	2 3	33 28	14 29	0 23	0 45	26 28		n.a.
M 6	21 4	16 26	2 55	24 55	1 5	4 35	2 44	17 48	0 17	23 36	0 53	22 41	1 7	19 45	0 1	5 58	2 3	33 28	14 29	0 24	0 46	26 26		n.a.
T 7	21 16	11 14	1 59	24 47	0 57	4 59	2 45	18 0	0 17	23 37	0 53	22 42	1 8	19 46	0 1	5 58	2 3	33 29	14 29	0 24	0 48	26 24		n.a.
W 8	21 26	5 30	0 56	24 39	0 49	5 23	2 45	18 12	0 18	23 38	0 54	22 43	1 8	19 46	0 1	5 58	2 3	33 29	14 30	0 24	0 49	26 23		n.a.
T 9	21 37	0n35	0n11	24 29	0 40	5 47	2 45	18 23	0 18	23 39	0 54	22 43	1 8	19 47	0 1	5 57	2 3	33 30	14 30	0 24	0 50	26 21		n.a.
F 10	21 47	6 49	1 19	24 18	0 30	6 11	2 44	18 34	0 19	23 39	0 54	22 44	1 8	19 48	0 1	5 57	2 3	33 30	14 30	0 24	0 52	26 20		n.a.
S 11	21 56	12 58	2 25	24 6	0 20	6 35	2 44	18 45	0 20	23 40	0 54	22 44	1 8	19 49	0 1	5 57	2 3	33 31	14 31	0 26	0 53	26 18		n.a.
S 12	22 6	18 41	3 24	23 54	0 10	6 59	2 44	18 56	0 20	23 41	0 55	22 45	1 9	19 50	0 1	5 56	2 3	33 31	14 31	0 28	0 54	26 17		n.a.
M13	22 15	23 34	4 13	23 40	0s 0	7 23	2 43	19 7	0 21	23 42	0 55	22 45	1 9	19 51	0 1	5 56	2 2	33 31	14 31	0 31	0 55	26 15		n.a.
T 14	22 23	27 4	4 46	23 26	0 11	7 47	2 43	19 18	0 21	23 43	0 55	22 46	1 9	19 52	0 1	5 56	2 2	33 32	14 31	0 35	0 57	26 13		n.a.
W15	22 31	28 45	5 1	23 12	0 23	8 11	2 42	19 28	0 22	23 44	0 55	22 47	1 9	19 52	0 1	5 55	2 2	33 32	14 32	0 39	0 58	26 12		n.a.
T 16	22 39	28 21	4 55	22 56	0 35	8 35	2 41	19 39	0 23	23 45	0 56	22 47	1 9	19 53	0 1	5 55	2 2	33 33	14 32	0 43	0 59	26 10		n.a.
F 17	22 47	25 53	4 29	22 41	0 47	8 59	2 40	19 49	0 23	23 45	0 56	22 48	1 9	19 54	0 1	5 55	2 2	33 33	14 32	0 46	1 1	26 9		n.a.
S 18	22 54	21 43	3 46	22 25	0 59	9 23	2 39	19 59	0 24	23 46	0 56	22 49	1 10	19 55	0 1	5 55	2 2	33 34	14 33	0 49	1 2	26 7		n.a.
S 19	23 0	16 19	2 48	22 9	1 12	9 47	2 38	20 9	0 24	23 47	0 56	22 50	1 10	19 56	0 1	5 54	2 2	33 34	14 33	0 50	1 3	26 5		n.a.
M20	23 6	10 11	1 42	21 53	1 24	10 11	2 37	20 18	0 25	23 48	0 57	22 50	1 10	19 56	0 1	5 54	2 2	33 35	14 33	0 51	1 4	26 4		n.a.
T 21	23 12	3 42	0 31	21 37	1 37	10 34	2 35	20 28	0 26	23 49	0 57	22 51	1 10	19 57	0 1	5 54	2 2	33 35	14 34	0 51	1 6	26 2		n.a.
W22	23 18	2s47	0s40	21 21	1 51	10 58	2 34	20 37	0 26	23 50	0 57	22 52	1 10	19 58	0 1	5 54	2 2	33 36	14 34	0 51	1 7	26 0		n.a.
T 23	23 23	9 1	1 47	21 5	2 4	11 21	2 33	20 47	0 27	23 51	0 57	22 52	1 10	19 59	0 1	5 54	2 2	33 36	14 34	0 51	1 8	25 59		n.a.
F 24	23 27	14 45	2 47	20 50	2 17	11 45	2 31	20 56	0 27	23 52	0 58	22 53	1 11	20 0	0 1	5 53	2 2	33 37	14 34	0 53	1 9	25 57		n.a.
S 25	23 31	19 47	3 38	20 35	2 30	12 8	2 29	21 5	0 28	23 53	0 58	22 54	1 11	20 0	0 1	5 53	2 2	33 37	14 35	0 55	1 11	25 55		n.a.
S 26	23 35	23 52	4 17	20 21	2 44	12 31	2 27	21 13	0 28	23 54	0 58	22 55	1 11	20 1	0 1	5 53	2 2	33 38	14 35	0 59	1 12	25 54		n.a.
M27	23 38	26 49	4 44	20 7	2 57	12 54	2 26	21 22	0 29	23 55	0 58	22 55	1 11	20 2	0 1	5 53	2 2	33 38	14 35	1 3	1 13	25 52		n.a.
T 28	23 41	28 29	4 58	19 54	3 9	13 17	2 24	21 30	0 30	23 56	0 59	22 56	1 11	20 3	0 1	5 53	2 2	33 39	14 35	1 9	1 15	25 50		n.a.
W29	23 44	28 45	4 58	19 43	3 22	13 39	2 22	21 39	0 30	23 57	0 59	22 57	1 11	20 4	0 1	5 53	2 1	33 39	14 36	1 14	1 16	25 49		n.a.
T 30	23n46	27s40	4s44	19n32	3s34	14n 2	2s19	21n47	0n31	23s58	0s59	22s58	1s12	20n 4	0s 1	5s53	2n 1	33s40	14s36	1s20	1s17	25s47		n.a.

Julian Day Number = 1298249.5, Delta T = 07h52m48s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°04'03, Lahiri = -19°57'03 Julian Calendar 1 June 1159 BCE == Greg. Calendar 21 May 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

JULY 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 51 56	26♊43'04	27♉ 0	13°R54	14♉55	4♊31	14°R44	23°R13	28♉16	19°R29	4°R 7	26°R31	26♓46	25♉48	n.a.	F 1
S 2	17 55 53	27°40'33	8♒50	13♋34	16° 3	5°10	14♉37	23♉ 9	28°19	19♎28	4♒ 6	26♓22	26°43	25°55	n.a.	S 2
S 3	17 59 50	28°38'05	20°40	13° 8	17°10	5°49	14°30	23° 5	28°23	19°28	4° 5	26°16	26°39	26° 2	n.a.	S 3
M 4	18 3 46	29°35'38	2♓33	12°38	18°18	6°27	14°22	23° 1	28°26	19°28	4° 4	26°12	26°36	26° 9	n.a.	M 4
T 5	18 7 43	0♋33'12	14°35	12° 3	19°26	7° 6	14°15	22°57	28°29	19°27	4° 3	26°10	26°33	26°15	n.a.	T 5
W 6	18 11 39	1°30'48	26°49	11°23	20°34	7°44	14° 8	22°53	28°32	19°27	4° 2	26°10	26°30	26°22	n.a.	W 6
T 7	18 15 36	2°28'26	9♈21	10°40	21°42	8°23	14° 0	22°49	28°35	19°27	4° 1	26°10	26°27	26°29	n.a.	T 7
F 8	18 19 32	3°26'05	22°16	9°54	22°50	9° 1	13°52	22°45	28°38	19°27	4° 0	26° 9	26°23	26°35	n.a.	F 8
S 9	18 23 29	4°23'46	5♉38	9° 5	23°58	9°40	13°45	22°41	28°42	19°27	3°59	26° 6	26°20	26°42	n.a.	S 9
S 10	18 27 25	5°21'29	19°30	8°14	25° 7	10°18	13°37	22°37	28°45	19°27	3°58	26° 1	26°17	26°49	n.a.	S 10
M11	18 31 22	6°19'14	3♊51	7°23	26°16	10°57	13°29	22°32	28°48	19°26	3°57	25°53	26°14	26°56	n.a.	M11
T 12	18 35 19	7°17'01	18°38	6°32	27°25	11°35	13°21	22°28	28°51	19°26	3°56	25°43	26°11	27° 2	n.a.	T 12
W13	18 39 15	8°14'49	3♋44	5°42	28°33	12°13	13°14	22°24	28°54	19°D26	3°55	25°32	26° 8	27° 9	n.a.	W13
T 14	18 43 12	9°12'39	18°58	4°55	29°43	12°52	13° 6	22°19	28°57	19°26	3°54	25°22	26° 4	27°16	n.a.	T 14
F 15	18 47 8	10°10'31	4♌11	4°11	0♊52	13°30	12°58	22°15	29° 0	19°26	3°53	25°13	26° 1	27°22	n.a.	F 15
S 16	18 51 5	11° 8'24	19°11	3°31	2° 1	14° 8	12°50	22°10	29° 3	19°27	3°51	25° 7	25°58	27°29	n.a.	S 16
S 17	18 55 1	12° 6'18	3♍51	2°56	3°10	14°46	12°42	22° 6	29° 5	19°27	3°50	25° 3	25°55	27°36	n.a.	S 17
M18	18 58 58	13° 4'14	18° 6	2°27	4°20	15°24	12°34	22° 1	29° 8	19°27	3°49	25° 2	25°52	27°42	n.a.	M18
T 19	19 2 54	14° 2'11	1♎56	2° 5	5°30	16° 3	12°26	21°57	29°11	19°27	3°48	25°D 2	25°49	27°49	n.a.	T 19
W20	19 6 51	15° 0'09	15°21	1°50	6°39	16°41	12°19	21°52	29°14	19°27	3°47	25°R 2	25°45	27°56	n.a.	W20
T 21	19 10 48	15°58'09	28°24	1°D43	7°49	17°19	12°11	21°48	29°17	19°27	3°46	25° 1	25°42	28° 3	n.a.	T 21
F 22	19 14 44	16°56'11	11♏ 9	1°44	8°59	17°57	12° 3	21°43	29°19	19°28	3°44	24°59	25°39	28° 9	n.a.	F 22
S 23	19 18 41	17°54'14	23°38	1°53	10° 9	18°35	11°55	21°39	29°22	19°28	3°43	24°54	25°36	28°16	n.a.	S 23
S 24	19 22 37	18°52'19	5♐56	2°10	11°19	19°13	11°47	21°34	29°25	19°28	3°42	24°46	25°33	28°23	n.a.	S 24
M25	19 26 34	19°50'25	18° 5	2°36	12°30	19°51	11°39	21°29	29°27	19°29	3°41	24°36	25°29	28°29	n.a.	M25
T 26	19 30 30	20°48'34	0♑ 7	3°10	13°40	20°29	11°32	21°25	29°30	19°29	3°40	24°25	25°26	28°36	n.a.	T 26
W27	19 34 27	21°46'44	12° 4	3°51	14°51	21° 6	11°24	21°20	29°32	19°30	3°38	24°13	25°23	28°43	n.a.	W27
T 28	19 38 23	22°44'56	23°57	4°41	16° 1	21°44	11°17	21°16	29°35	19°30	3°37	24° 1	25°20	28°49	n.a.	T 28
F 29	19 42 20	23°43'09	5♒48	5°38	17°12	22°22	11° 9	21°11	29°37	19°31	3°36	23°51	25°17	28°56	n.a.	F 29
S 30	19 46 17	24°41'25	17°38	6°42	18°23	23° 0	11° 2	21° 6	29°40	19°31	3°35	23°44	25°14	29° 3	n.a.	S 30
S 31	19 50 13	25♋39'43	29♒30	7♋53	19♊34	23♊38	10♑54	21♑ 2	29♉42	19♎32	3♒34	23♓38	25♓10	29♑10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	25s20	4s19	19n22	3s45	14n24	2s17	21n55	0n31	23s59	0s59	22s59	1s12	20n 5	0s 1	5s53	2n 1	33s40	14s36	1s24	1s18	25s45		n.a.
S 2	23 49	21 55	3 42	19 14	3 55	14 46	2 15	22 2	0 32	24 0	0 59	22 59	1 12	20 6	0 1	5 53	2 1	33 41	14 36	1 28	1 20	25 43		n.a.
S 3	23 50	17 37	2 56	19 7	4 5	15 7	2 13	22 10	0 33	24 1	1 0	23 0	1 12	20 7	0 1	5 52	2 1	33 41	14 37	1 31	1 21	25 42		n.a.
M 4	23 50	12 37	2 1	19 1	4 14	15 28	2 10	22 17	0 33	24 2	1 0	23 1	1 12	20 7	0 1	5 52	2 1	33 41	14 37	1 32	1 22	25 40		n.a.
T 5	23 50	7 6	1 1	18 57	4 21	15 50	2 8	22 24	0 34	24 3	1 0	23 2	1 12	20 8	0 1	5 52	2 1	33 42	14 37	1 33	1 24	25 38		n.a.
W 6	23 50	1 14	0n 3	18 54	4 27	16 10	2 5	22 32	0 34	24 4	1 0	23 3	1 12	20 9	0 1	5 52	2 1	33 42	14 37	1 33	1 25	25 36		n.a.
T 7	23 49	4n49	1 9	18 53	4 31	16 31	2 3	22 38	0 35	24 5	1 0	23 4	1 13	20 9	0 1	5 52	2 1	33 43	14 38	1 33	1 26	25 35		n.a.
F 8	23 47	10 52	2 13	18 54	4 34	16 51	2 0	22 45	0 35	24 6	1 1	23 4	1 13	20 10	0 1	5 52	2 1	33 43	14 38	1 33	1 27	25 33		n.a.
S 9	23 46	16 38	3 13	18 56	4 35	17 11	1 58	22 52	0 36	24 7	1 1	23 5	1 13	20 11	0 1	5 52	2 1	33 44	14 38	1 34	1 29	25 31		n.a.
S 10	23 43	21 47	4 3	19 0	4 35	17 30	1 55	22 58	0 37	24 8	1 1	23 6	1 13	20 12	0 1	5 52	2 1	33 44	14 38	1 37	1 30	25 29		n.a.
M11	23 41	25 50	4 39	19 6	4 32	17 49	1 52	23 4	0 37	24 9	1 1	23 7	1 13	20 12	0 1	5 52	2 1	33 45	14 38	1 40	1 31	25 27		n.a.
T 12	23 38	28 18	4 59	19 13	4 28	18 8	1 49	23 10	0 38	24 10	1 1	23 8	1 13	20 13	0 1	5 52	2 1	33 45	14 39	1 44	1 33	25 26		n.a.
W13	23 34	28 45	4 58	19 21	4 21	18 26	1 46	23 16	0 38	24 11	1 1	23 9	1 13	20 14	0 1	5 52	2 1	33 46	14 39	1 48	1 34	25 24		n.a.
T 14	23 31	27 1	4 36	19 31	4 13	18 44	1 43	23 22	0 39	24 12	1 2	23 10	1 13	20 14	0 1	5 53	2 0	33 46	14 39	1 52	1 35	25 22		n.a.
F 15	23 26	23 20	3 55	19 43	4 4	19 2	1 40	23 27	0 40	24 13	1 2	23 10	1 14	20 15	0 1	5 53	2 0	33 47	14 39	1 56	1 36	25 20		n.a.
S 16	23 22	18 7	2 58	19 55	3 52	19 19	1 37	23 32	0 40	24 14	1 2	23 11	1 14	20 16	0 1	5 53	2 0	33 47	14 39	1 58	1 38	25 18		n.a.
S 17	23 16	11 58	1 50	20 9	3 39	19 36	1 34	23 37	0 41	24 15	1 2	23 12	1 14	20 16	0 1	5 53	2 0	33 48	14 39	2 0	1 39	25 17		n.a.
M18	23 11	5 20	0 37	20 24	3 25	19 52	1 31	23 42	0 41	24 16	1 2	23 13	1 14	20 17	0 1	5 53	2 0	33 48	14 40	2 0	1 40	25 15		n.a.
T 19	23 5	1s20	0s37	20 39	3 10	20 8	1 28	23 47	0 42	24 17	1 2	23 14	1 14	20 18	0 1	5 53	2 0	33 48	14 40	2 0	1 42	25 13		n.a.
W20	22 58	7 46	1 46	20 55	2 54	20 23	1 25	23 52	0 42	24 17	1 3	23 15	1 14	20 18	0 1	5 53	2 0	33 49	14 40	2 0	1 43	25 11		n.a.
T 21	22 52	13 41	2 47	21 12	2 37	20 38	1 22	23 56	0 43	24 18	1 3	23 15	1 14	20 19	0 1	5 53	2 0	33 49	14 40	2 1	1 44	25 9		n.a.
F 22	22 44	18 53	3 39	21 29	2 20	20 52	1 19	24 0	0 44	24 19	1 3	23 16	1 14	20 19	0 1	5 54	2 0	33 50	14 40	2 2	1 45	25 7		n.a.
S 23	22 37	23 10	4 19	21 46	2 3	21 6	1 16	24 4	0 44	24 20	1 3	23 17	1 14	20 20	0 1	5 54	2 0	33 50	14 40	2 4	1 47	25 5		n.a.
S 24	22 29	26 21	4 47	22 4	1 45	21 19	1 12	24 8	0 45	24 21	1 3	23 18	1 14	20 21	0 1	5 54	2 0	33 51	14 40	2 7	1 48	25 4		n.a.
M25	22 20	28 17	5 1	22 20	1 28	21 32	1 9	24 12	0 45	24 22	1 3	23 19	1 15	20 21	0 1	5 54	2 0	33 51	14 41	2 11	1 49	25 2		n.a.
T 26	22 12	28 51	5 1	22 37	1 11	21 44	1 6	24 15	0 46	24 22	1 3	23 20	1 15	20 22	0 1	5 54	2 0	33 52	14 41	2 15	1 50	25 0		n.a.
W27	22 2	28 4	4 48	22 53	0 54	21 55	1 3	24 18	0 47	24 23	1 3	23 20	1 15	20 22	0 1	5 55	2 0	33 52	14 41	2 20	1 52	24 58		n.a.
T 28	21 53	25 59	4 23	23 7	0 38	22 6	0 59	24 21	0 47	24 24	1 3	23 21	1 15	20 23	0 1	5 55	1 59	33 52	14 41	2 25	1 53	24 56		n.a.
F 29	21 43	22 47	3 46	23 21	0 22	22 17	0 56	24 24	0 48	24 25	1 3	23 22	1 15	20 23	0 1	5 55	1 59	33 53	14 41	2 29	1 54	24 54		n.a.
S 30	21 32	18 39	3 0	23 33	0 7	22 27	0 53	24 27	0 48	24 25	1 4	23 23	1 15	20 24	0 1	5 55	1 59	33 53	14 41	2 32	1 56	24 52		n.a.
S 31	21n22	13s47	2s 5	23n43	0n 7	22n36	0s49	24n30	0n49	24s26	1s 4	23s24	1s15	20n24	0s 1	5s56	1n59	33s54	14s41	2s34	1s57	24s50		n.a.

Julian Day Number = 1298279.5, Delta T = 07h52m46s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'59, Lahiri = -19°56'59 Julian Calendar 1 July 1159 BCE == Greg. Calendar 20 June 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

AUGUST 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 54 10	26♋38'02	11♓27	9♋10	20♊45	24♊15	10°R47	20°R57	29♉45	19♎32	3°R32	23°R35	25♓ 7	29♑16	n.a.	M 1
T 2	19 58 6	27°36'24	23°31	10°33	21°56	24°53	10♑40	20♑53	29°47	19°33	3♒31	23°D34	25° 4	29°23	n.a.	T 2
W 3	20 2 3	28°34'48	5♈46	12° 1	23° 7	25°31	10°32	20°48	29°49	19°34	3°30	23♓35	25° 1	29°30	n.a.	W 3
T 4	20 5 59	29°33'15	18°18	13°33	24°19	26° 8	10°25	20°44	29°51	19°34	3°29	23°36	24°58	29°36	n.a.	T 4
F 5	20 9 56	0♌31'43	1♉10	15° 9	25°30	26°46	10°18	20°39	29°54	19°35	3°27	23°R36	24°55	29°43	n.a.	F 5
S 6	20 13 52	1°30'14	14°26	16°49	26°42	27°24	10°12	20°35	29°56	19°36	3°26	23°36	24°51	29°50	n.a.	S 6
S 7	20 17 49	2°28'48	28°10	18°32	27°53	28° 1	10° 5	20°30	29°58	19°37	3°25	23°33	24°48	29°56	n.a.	S 7
M 8	20 21 46	3°27'24	12♊23	20°18	29° 5	28°39	9°58	20°26	29°59	19°37	3°24	23°28	24°45	0♒ 3	n.a.	M 8
T 9	20 25 42	4°26'02	27° 2	22° 5	0♋17	29°16	9°52	20°21	0♊ 2	19°38	3°22	23°22	24°42	0°10	n.a.	T 9
W10	20 29 39	5°24'43	12♋ 3	23°54	1°29	29°54	9°45	20°17	0° 4	19°39	3°21	23°14	24°39	0°17	n.a.	W10
T 11	20 33 35	6°23'25	27°17	25°44	2°41	0♋31	9°39	20°13	0° 6	19°40	3°20	23° 7	24°35	0°23	n.a.	T 11
F 12	20 37 32	7°22'10	12♌34	27°35	3°53	1° 9	9°33	20° 8	0° 8	19°41	3°19	23° 1	24°32	0°30	n.a.	F 12
S 13	20 41 28	8°20'57	27°42	29°27	5° 5	1°46	9°27	20° 4	0°10	19°42	3°17	22°57	24°29	0°37	n.a.	S 13
S 14	20 45 25	9°19'46	12♍33	1♌18	6°17	2°23	9°21	20° 0	0°11	19°43	3°16	22°55	24°26	0°43	n.a.	S 14
M15	20 49 21	10°18'37	27° 0	3°10	7°30	3° 1	9°15	19°56	0°13	19°44	3°15	22°D54	24°23	0°50	n.a.	M15
T 16	20 53 18	11°17'29	11♎ 0	5° 2	8°42	3°38	9°10	19°52	0°15	19°45	3°14	22°55	24°20	0°57	n.a.	T 16
W17	20 57 14	12°16'24	24°33	6°53	9°55	4°15	9° 4	19°48	0°17	19°46	3°13	22°57	24°16	1° 3	n.a.	W17
T 18	21 1 11	13°15'20	7♏40	8°44	11° 7	4°52	8°59	19°44	0°18	19°47	3°11	22°R58	24°13	1°10	n.a.	T 18
F 19	21 5 8	14°14'18	20°25	10°35	12°20	5°29	8°54	19°40	0°20	19°49	3°10	22°58	24°10	1°17	n.a.	F 19
S 20	21 9 4	15°13'19	2♐52	12°25	13°33	6° 7	8°49	19°36	0°21	19°50	3° 9	22°56	24° 7	1°24	n.a.	S 20
S 21	21 13 1	16°12'21	15° 5	14°14	14°45	6°44	8°44	19°32	0°23	19°51	3° 8	22°53	24° 4	1°30	n.a.	S 21
M22	21 16 57	17°11'25	27° 8	16° 2	15°58	7°21	8°39	19°28	0°24	19°52	3° 6	22°48	24° 1	1°37	n.a.	M22
T 23	21 20 54	18°10'31	9♑ 4	17°50	17°11	7°58	8°35	19°24	0°25	19°53	3° 5	22°42	23°57	1°44	n.a.	T 23
W24	21 24 50	19° 9'39	20°56	19°37	18°24	8°35	8°31	19°21	0°27	19°55	3° 4	22°36	23°54	1°50	n.a.	W24
T 25	21 28 47	20° 8'50	2♒47	21°23	19°37	9°12	8°27	19°17	0°28	19°56	3° 3	22°30	23°51	1°57	n.a.	T 25
F 26	21 32 43	21° 8'02	14°39	23° 8	20°50	9°49	8°23	19°13	0°29	19°57	3° 2	22°24	23°48	2° 4	n.a.	F 26
S 27	21 36 40	22° 7'16	26°33	24°52	22° 4	10°25	8°19	19°10	0°30	19°59	3° 1	22°21	23°45	2°10	n.a.	S 27
S 28	21 40 37	23° 6'33	8♓32	26°36	23°17	11° 2	8°15	19° 7	0°31	20° 0	2°59	22°18	23°41	2°17	n.a.	S 28
M29	21 44 33	24° 5'51	20°37	28°18	24°30	11°39	8°12	19° 3	0°33	20° 2	2°58	22°D17	23°38	2°24	n.a.	M29
T 30	21 48 30	25° 5'12	2♈51	0♍ 0	25°44	12°16	8° 9	19° 0	0°34	20° 3	2°57	22°18	23°35	2°30	n.a.	T 30
W31	21 52 26	26♌ 4'36	15♈15	1♍41	26♋57	12♋53	8♑ 6	18♑57	0♊34	20♎ 5	2♒56	22♓19	23♓32	2♒37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n11	8s23	1s 5	23n52	0n21	22n44	0s46	24n32	0n49	24s27	1s 4	23s25	1s15	20n25	0s 1	5s56	1n59	33s54	14s41	2s35	1s58	24s48			n.a.
T 2	20 59	2 37	0 0	23 58	0 33	22 52	0 43	24 34	0 50	24 27	1 4	23 25	1 15	20 26	0 1	5 56	1 59	33 54	14 41	2 36	1 59	24 46			n.a.
W 3	20 47	3n19	1n 5	24 2	0 45	23 0	0 39	24 36	0 51	24 28	1 4	23 26	1 15	20 26	0 1	5 57	1 59	33 55	14 41	2 35	2 1	24 44			n.a.
T 4	20 35	9 16	2 9	24 3	0 56	23 7	0 36	24 38	0 51	24 29	1 4	23 27	1 15	20 27	0 1	5 57	1 59	33 55	14 41	2 35	2 2	24 42			n.a.
F 5	20 22	15 0	3 8	24 2	1 5	23 13	0 33	24 39	0 52	24 29	1 4	23 28	1 15	20 27	0 1	5 57	1 59	33 55	14 41	2 35	2 3	24 40			n.a.
S 6	20 9	20 14	3 59	23 59	1 14	23 18	0 30	24 41	0 52	24 30	1 4	23 28	1 15	20 27	0 1	5 58	1 59	33 56	14 41	2 35	2 5	24 38			n.a.
S 7	19 56	24 35	4 38	23 52	1 21	23 23	0 26	24 42	0 53	24 31	1 4	23 29	1 16	20 28	0 1	5 58	1 59	33 56	14 42	2 36	2 6	24 36			n.a.
M 8	19 42	27 38	5 2	23 43	1 28	23 27	0 23	24 43	0 54	24 31	1 4	23 30	1 16	20 28	0 1	5 58	1 59	33 57	14 42	2 38	2 7	24 34			n.a.
T 9	19 28	28 55	5 7	23 32	1 34	23 30	0 20	24 44	0 54	24 32	1 4	23 31	1 16	20 29	0 1	5 59	1 59	33 57	14 42	2 41	2 8	24 32			n.a.
W10	19 14	28 7	4 51	23 18	1 39	23 33	0 16	24 45	0 55	24 32	1 4	23 31	1 16	20 29	0 1	5 59	1 59	33 57	14 42	2 44	2 10	24 30			n.a.
T 11	18 59	25 12	4 15	23 1	1 42	23 35	0 13	24 45	0 55	24 33	1 4	23 32	1 16	20 30	0 1	6 0	1 59	33 58	14 42	2 46	2 11	24 28			n.a.
F 12	18 44	20 31	3 20	22 43	1 46	23 37	0 10	24 46	0 56	24 33	1 4	23 33	1 16	20 30	0 1	6 0	1 58	33 58	14 42	2 49	2 12	24 26			n.a.
S 13	18 29	14 32	2 12	22 22	1 48	23 37	0 7	24 46	0 56	24 34	1 4	23 33	1 16	20 31	0 1	6 0	1 58	33 58	14 42	2 51	2 14	24 24			n.a.
S 14	18 13	7 49	0 56	21 58	1 49	23 37	0 4	24 46	0 57	24 34	1 4	23 34	1 16	20 31	0 1	6 1	1 58	33 59	14 42	2 52	2 15	24 22			n.a.
M15	17 57	0 52	0s22	21 33	1 50	23 37	0 1	24 46	0 58	24 34	1 4	23 35	1 16	20 31	0 1	6 1	1 58	33 59	14 42	2 52	2 16	24 20			n.a.
T 16	17 41	5s54	1 37	21 6	1 50	23 35	0n 3	24 45	0 58	24 35	1 4	23 35	1 16	20 32	0 1	6 2	1 58	33 59	14 42	2 51	2 17	24 18			n.a.
W17	17 24	12 11	2 43	20 37	1 50	23 33	0 6	24 45	0 59	24 35	1 4	23 36	1 16	20 32	0 1	6 2	1 58	33 59	14 42	2 51	2 19	24 16			n.a.
T 18	17 7	17 44	3 39	20 7	1 49	23 30	0 9	24 44	0 59	24 36	1 4	23 37	1 16	20 32	0 1	6 3	1 58	34 0	14 42	2 50	2 20	24 14			n.a.
F 19	16 50	22 21	4 22	19 35	1 47	23 27	0 12	24 43	1 0	24 36	1 4	23 37	1 16	20 33	0 1	6 3	1 58	34 0	14 41	2 50	2 21	24 12			n.a.
S 20	16 32	25 51	4 52	19 2	1 45	23 23	0 15	24 42	1 1	24 36	1 4	23 38	1 16	20 33	0 1	6 4	1 58	34 0	14 41	2 51	2 22	24 10			n.a.
S 21	16 14	28 5	5 8	18 27	1 42	23 18	0 18	24 41	1 1	24 37	1 4	23 38	1 16	20 33	0 1	6 4	1 58	34 1	14 41	2 52	2 24	24 8			n.a.
M22	15 56	28 58	5 10	17 52	1 39	23 12	0 21	24 39	1 2	24 37	1 4	23 39	1 16	20 34	0 1	6 5	1 58	34 1	14 41	2 54	2 25	24 6			n.a.
T 23	15 38	28 29	4 58	17 15	1 36	23 6	0 24	24 38	1 2	24 37	1 4	23 40	1 16	20 34	0 1	6 5	1 58	34 1	14 41	2 57	2 26	24 4			n.a.
W24	15 19	26 41	4 34	16 38	1 32	22 59	0 26	24 36	1 3	24 37	1 4	23 40	1 16	20 34	0 1	6 6	1 58	34 1	14 41	2 59	2 28	24 2			n.a.
T 25	15 0	23 43	3 58	15 59	1 28	22 51	0 29	24 34	1 3	24 38	1 4	23 41	1 16	20 35	0 1	6 6	1 58	34 2	14 41	3 2	2 29	24 0			n.a.
F 26	14 41	19 45	3 11	15 20	1 23	22 43	0 32	24 32	1 4	24 38	1 4	23 41	1 16	20 35	0 1	6 7	1 58	34 2	14 41	3 4	2 30	23 58			n.a.
S 27	14 22	15 0	2 16	14 41	1 18	22 34	0 35	24 30	1 5	24 38	1 4	23 42	1 16	20 35	0 1	6 8	1 58	34 2	14 41	3 5	2 31	23 56			n.a.
S 28	14 2	9 39	1 15	14 0	1 13	22 24	0 37	24 27	1 5	24 38	1 4	23 42	1 16	20 35	0 1	6 8	1 57	34 2	14 41	3 6	2 33	23 53			n.a.
M29	13 42	3 55	0 9	13 19	1 8	22 14	0 40	24 24	1 6	24 38	1 4	23 43	1 16	20 36	0 1	6 9	1 57	34 2	14 41	3 7	2 34	23 51			n.a.
T 30	13 22	2n 2	0n58	12 38	1 3	22 3	0 42	24 22	1 6	24 39	1 4	23 43	1 16	20 36	0 1	6 9	1 57	34 3	14 41	3 6	2 35	23 49			n.a.
W31	13n 2	7n59	2n 3	11n56	0n57	21n51	0n45	24n19	1n 7	24s39	1s 4	23s44	1s16	20n36	0s 1	6s10	1n57	34s 3	14s41	3s 6	2s37	23s47			n.a.

Julian Day Number = 1298310.5, Delta T = 07h52m44s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'55, Lahiri = -19°56'55 Julian Calendar 1 Aug. 1159 BCE == Greg. Calendar 21 July 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

SEPTEMBER 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 23	27♌ 4'02	27♈53	3♍21	28♋11	13♋29	8°R 3	18°R54	0♊35	20♎ 6	2°R55	22♓21	23♓29	2♒44	n.a.	T 1
F 2	22 0 19	28° 3'30	10♉49	5° 1	29°25	14° 6	8♉ 0	18♉51	0°36	20° 8	2♒54	22°22	23°26	2°51	n.a.	F 2
S 3	22 4 16	29° 3'01	24° 4	6°40	0♌38	14°43	7°58	18°48	0°37	20° 9	2°53	22°R23	23°22	2°57	n.a.	S 3
S 4	22 8 12	0♍ 2'34	7♊41	8°18	1°52	15°19	7°56	18°45	0°38	20°11	2°52	22°23	23°19	3° 4	n.a.	S 4
M 5	22 12 9	1° 2'10	21°41	9°55	3° 6	15°56	7°54	18°42	0°38	20°12	2°50	22°22	23°16	3°11	n.a.	M 5
T 6	22 16 5	2° 1'48	6♋ 4	11°32	4°20	16°33	7°52	18°39	0°39	20°14	2°49	22°20	23°13	3°17	n.a.	T 6
W 7	22 20 2	3° 1'29	20°47	13° 7	5°34	17° 9	7°50	18°37	0°40	20°16	2°48	22°17	23°10	3°24	n.a.	W 7
T 8	22 23 59	4° 1'12	5♌44	14°43	6°48	17°46	7°49	18°34	0°40	20°17	2°47	22°15	23° 7	3°31	n.a.	T 8
F 9	22 27 55	5° 0'57	20°47	16°17	8° 2	18°22	7°48	18°32	0°41	20°19	2°46	22°13	23° 3	3°37	n.a.	F 9
S 10	22 31 52	6° 0'44	5♍48	17°51	9°16	18°58	7°47	18°29	0°41	20°21	2°45	22°11	23° 0	3°44	n.a.	S 10
S 11	22 35 48	7° 0'34	20°37	19°24	10°31	19°35	7°46	18°27	0°41	20°23	2°44	22°D11	22°57	3°51	n.a.	S 11
M12	22 39 45	8° 0'25	5♎ 7	20°57	11°45	20°11	7°45	18°25	0°42	20°24	2°43	22°11	22°54	3°57	n.a.	M12
T 13	22 43 41	9° 0'19	19°14	22°29	12°59	20°47	7°45	18°23	0°42	20°26	2°42	22°12	22°51	4° 4	n.a.	T 13
W14	22 47 38	10° 0'14	2♏54	24° 1	14°14	21°24	7°45	18°21	0°42	20°28	2°41	22°13	22°47	4°11	n.a.	W14
T 15	22 51 34	11° 0'12	16° 9	25°31	15°28	22° 0	7°D45	18°19	0°42	20°30	2°40	22°14	22°44	4°18	n.a.	T 15
F 16	22 55 31	12° 0'11	29° 0	27° 2	16°42	22°36	7°45	18°17	0°43	20°32	2°39	22°15	22°41	4°24	n.a.	F 16
S 17	22 59 28	13° 0'12	11♐29	28°31	17°57	23°12	7°45	18°16	0°R43	20°33	2°39	22°R15	22°38	4°31	n.a.	S 17
S 18	23 3 24	14° 0'14	23°43	0♎ 0	19°12	23°48	7°46	18°14	0°43	20°35	2°38	22°15	22°35	4°38	n.a.	S 18
M19	23 7 21	15° 0'19	5♑44	1°29	20°26	24°24	7°47	18°12	0°42	20°37	2°37	22°14	22°32	4°44	n.a.	M19
T 20	23 11 17	16° 0'25	17°38	2°56	21°41	25° 0	7°48	18°11	0°42	20°39	2°36	22°14	22°28	4°51	n.a.	T 20
W21	23 15 14	17° 0'33	29°29	4°24	22°55	25°36	7°49	18°10	0°42	20°41	2°35	22°13	22°25	4°58	n.a.	W21
T 22	23 19 10	18° 0'43	11♒20	5°50	24°10	26°12	7°50	18° 9	0°42	20°43	2°34	22°12	22°22	5° 4	n.a.	T 22
F 23	23 23 7	19° 0'54	23°14	7°16	25°25	26°48	7°52	18° 7	0°42	20°45	2°34	22°12	22°19	5°11	n.a.	F 23
S 24	23 27 3	20° 1'07	5♓15	8°41	26°40	27°24	7°54	18° 6	0°41	20°47	2°33	22°12	22°16	5°18	n.a.	S 24
S 25	23 31 0	21° 1'23	17°24	10° 5	27°55	27°59	7°56	18° 6	0°41	20°49	2°32	22°11	22°12	5°24	n.a.	S 25
M26	23 34 56	22° 1'40	29°42	11°29	29° 9	28°35	7°58	18° 5	0°40	20°51	2°31	22°11	22° 9	5°31	n.a.	M26
T 27	23 38 53	23° 1'58	12♈12	12°51	0♍24	29°11	8° 0	18° 4	0°40	20°53	2°31	22°11	22° 6	5°38	n.a.	T 27
W28	23 42 50	24° 2'19	24°55	14°13	1°39	29°46	8° 3	18° 4	0°39	20°55	2°30	22°11	22° 3	5°45	n.a.	W28
T 29	23 46 46	25° 2'42	7♉50	15°34	2°54	0♌22	8° 6	18° 3	0°39	20°57	2°29	22°11	22° 0	5°51	n.a.	T 29
F 30	23 50 43	26♍ 3'07	20♉59	16♎53	4♍ 9	0♌57	8♉ 9	18♉ 3	0♊38	20♎59	2♒28	22♓11	21♓57	5♒58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n41	13n44	3n 3	11n14	0n51	21n38	0n47	24n16	1n 8	24s39	1s 4	23s44	1s16	20n36	0s 1	6s11	1n57	34s 3	14s40	3s 5	2s38	23s45		n.a.
F 2	12 21	19 2	3 56	10 31	0 45	21 25	0 50	24 12	1 8	24 39	1 4	23 45	1 16	20 36	0 1	6 11	1 57	34 3	14 40	3 5	2 39	23 43		n.a.
S 3	12 0	23 34	4 38	9 49	0 39	21 12	0 52	24 9	1 9	24 39	1 4	23 45	1 16	20 37	0 0	6 12	1 57	34 3	14 40	3 4	2 40	23 41		n.a.
S 4	11 39	26 58	5 5	9 6	0 33	20 57	0 54	24 5	1 9	24 39	1 4	23 45	1 16	20 37	0 0	6 13	1 57	34 3	14 40	3 4	2 42	23 39		n.a.
M 5	11 17	28 49	5 15	8 23	0 26	20 42	0 57	24 1	1 10	24 39	1 4	23 46	1 16	20 37	0 0	6 13	1 57	34 4	14 40	3 5	2 43	23 36		n.a.
T 6	10 56	28 47	5 6	7 39	0 20	20 27	0 59	23 58	1 11	24 39	1 3	23 46	1 16	20 37	0 0	6 14	1 57	34 4	14 40	3 6	2 44	23 34		n.a.
W 7	10 34	26 46	4 37	6 56	0 13	20 10	1 1	23 53	1 11	24 39	1 3	23 46	1 16	20 37	0 0	6 15	1 57	34 4	14 40	3 6	2 45	23 32		n.a.
T 8	10 12	22 51	3 49	6 13	0 6	19 54	1 3	23 49	1 12	24 39	1 3	23 47	1 16	20 37	0 0	6 15	1 57	34 4	14 40	3 8	2 47	23 30		n.a.
F 9	9 50	17 24	2 45	5 29	0s 0	19 36	1 5	23 45	1 12	24 39	1 3	23 47	1 16	20 37	0 0	6 16	1 57	34 4	14 39	3 8	2 48	23 28		n.a.
S 10	9 27	10 55	1 29	4 46	0 7	19 18	1 7	23 40	1 13	24 39	1 3	23 47	1 16	20 37	0 0	6 17	1 57	34 4	14 39	3 9	2 49	23 26		n.a.
S 11	9 5	3 55	0 9	4 3	0 14	19 0	1 9	23 36	1 14	24 39	1 3	23 48	1 16	20 38	0 0	6 17	1 57	34 4	14 39	3 9	2 51	23 23		n.a.
M12	8 42	3s 9	1s11	3 19	0 21	18 41	1 11	23 31	1 14	24 39	1 3	23 48	1 16	20 38	0 0	6 18	1 57	34 4	14 39	3 9	2 52	23 21		n.a.
T 13	8 19	9 52	2 24	2 36	0 28	18 21	1 12	23 26	1 15	24 39	1 3	23 48	1 16	20 38	0 0	6 19	1 57	34 4	14 39	3 9	2 53	23 19		n.a.
W14	7 57	15 55	3 27	1 53	0 35	18 1	1 14	23 21	1 15	24 39	1 3	23 49	1 16	20 38	0 0	6 20	1 57	34 4	14 38	3 8	2 54	23 17		n.a.
T 15	7 34	21 1	4 16	1 11	0 41	17 40	1 16	23 15	1 16	24 39	1 3	23 49	1 16	20 38	0 0	6 20	1 57	34 5	14 38	3 8	2 56	23 14		n.a.
F 16	7 10	25 0	4 51	0 28	0 48	17 19	1 17	23 10	1 17	24 39	1 3	23 49	1 16	20 38	0 0	6 21	1 57	34 5	14 38	3 8	2 57	23 12		n.a.
S 17	6 47	27 40	5 11	0s14	0 55	16 57	1 19	23 4	1 17	24 39	1 3	23 49	1 16	20 38	0 0	6 22	1 56	34 5	14 38	3 7	2 58	23 10		n.a.
S 18	6 24	28 57	5 17	0 57	1 2	16 35	1 20	22 59	1 18	24 39	1 3	23 49	1 16	20 38	0 0	6 23	1 56	34 5	14 38	3 7	3 0	23 8		n.a.
M19	6 0	28 50	5 8	1 38	1 8	16 12	1 21	22 53	1 18	24 39	1 3	23 50	1 16	20 38	0 0	6 23	1 56	34 5	14 37	3 8	3 1	23 6		n.a.
T 20	5 36	27 23	4 46	2 20	1 15	15 49	1 22	22 47	1 19	24 38	1 2	23 50	1 16	20 38	0 0	6 24	1 56	34 5	14 37	3 8	3 2	23 3		n.a.
W21	5 13	24 42	4 13	3 1	1 21	15 25	1 24	22 41	1 20	24 38	1 2	23 50	1 16	20 38	0 0	6 25	1 56	34 5	14 37	3 8	3 3	23 1		n.a.
T 22	4 49	20 59	3 28	3 42	1 28	15 1	1 25	22 34	1 20	24 38	1 2	23 50	1 16	20 38	0 0	6 26	1 56	34 5	14 37	3 9	3 5	22 59		n.a.
F 23	4 25	16 25	2 34	4 22	1 34	14 36	1 26	22 28	1 21	24 38	1 2	23 50	1 16	20 38	0 0	6 26	1 56	34 5	14 37	3 9	3 6	22 57		n.a.
S 24	4 1	11 10	1 33	5 2	1 40	14 11	1 27	22 22	1 22	24 38	1 2	23 50	1 16	20 38	0 0	6 27	1 56	34 5	14 36	3 9	3 7	22 54		n.a.
S 25	3 37	5 28	0 27	5 41	1 46	13 46	1 28	22 15	1 22	24 38	1 2	23 50	1 16	20 38	0 0	6 28	1 56	34 5	14 36	3 9	3 8	22 52		n.a.
M26	3 13	0n31	0n42	6 19	1 52	13 20	1 29	22 8	1 23	24 37	1 2	23 50	1 16	20 38	0 0	6 29	1 56	34 5	14 36	3 9	3 10	22 50		n.a.
T 27	2 49	6 34	1 49	6 57	1 58	12 54	1 29	22 1	1 23	24 37	1 2	23 50	1 16	20 37	0 0	6 30	1 56	34 5	14 36	3 9	3 11	22 47		n.a.
W28	2 24	12 27	2 52	7 35	2 3	12 27	1 30	21 54	1 24	24 37	1 2	23 50	1 15	20 37	0 0	6 30	1 56	34 4	14 35	3 9	3 12	22 45		n.a.
T 29	2 0	17 55	3 47	8 11	2 8	12 1	1 31	21 47	1 25	24 37	1 2	23 50	1 15	20 37	0 0	6 31	1 56	34 4	14 35	3 9	3 14	22 43		n.a.
F 30	1n36	22n39	4n32	8s47	2s13	11n33	1n31	21n40	1n25	24s36	1s 2	23s50	1s15	20n37	0s 0	6s32	1n56	34s 4	14s35	3s 9	3s15	22s40		n.a.

Julian Day Number = 1298341.5, Delta T = 07h52m43s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'51, Lahiri = -19°56'51 Julian Calendar 1 Sept. 1159 BCE == Greg. Calendar 21 Aug. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

OCTOBER 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 39	27♍ 3'34	4♊23	18♎12	5♍24	1♌33	8♑12	18°R 2	0°R37	21♎ 1	2°R28	22°R10	21♓53	6♒ 5	n.a.	S 1
S 2	23 58 36	28° 4'03	18° 2	19°29	6°39	2° 8	8°15	18♑ 2	0♊37	21° 4	2♒27	22♓10	21°50	6°11	n.a.	S 2
M 3	0 2 32	29° 4'35	1♋56	20°44	7°55	2°44	8°19	18°D 2	0°36	21° 6	2°27	22°D10	21°47	6°18	n.a.	M 3
T 4	0 6 29	0♎ 5'08	16° 5	21°58	9°10	3°19	8°23	18° 2	0°35	21° 8	2°26	22°10	21°44	6°25	n.a.	T 4
W 5	0 10 25	1° 5'43	0♌26	23°10	10°25	3°54	8°27	18° 2	0°34	21°10	2°26	22°11	21°41	6°31	n.a.	W 5
T 6	0 14 22	2° 6'20	14°58	24°20	11°40	4°30	8°31	18° 3	0°33	21°12	2°25	22°11	21°38	6°38	n.a.	T 6
F 7	0 18 19	3° 6'59	29°35	25°28	12°55	5° 5	8°35	18° 3	0°32	21°14	2°24	22°12	21°34	6°45	n.a.	F 7
S 8	0 22 15	4° 7'40	14♍12	26°33	14°11	5°40	8°39	18° 4	0°31	21°16	2°24	22°13	21°31	6°51	n.a.	S 8
S 9	0 26 12	5° 8'23	28°43	27°35	15°26	6°15	8°44	18° 4	0°30	21°19	2°24	22°R13	21°28	6°58	n.a.	S 9
M10	0 30 8	6° 9'07	13♎ 2	28°34	16°41	6°50	8°49	18° 5	0°29	21°21	2°23	22°12	21°25	7° 5	n.a.	M10
T 11	0 34 5	7° 9'52	27° 4	29°29	17°57	7°25	8°54	18° 6	0°28	21°23	2°23	22°11	21°22	7°11	n.a.	T 11
W12	0 38 1	8°10'39	10♏45	0♏19	19°12	8° 0	8°59	18° 7	0°26	21°25	2°22	22° 9	21°18	7°18	n.a.	W12
T 13	0 41 58	9°11'28	24° 3	1° 5	20°27	8°35	9° 5	18° 8	0°25	21°27	2°22	22° 6	21°15	7°25	n.a.	T 13
F 14	0 45 54	10°12'18	6♐57	1°46	21°43	9° 9	9°10	18° 9	0°24	21°30	2°22	22° 4	21°12	7°31	n.a.	F 14
S 15	0 49 51	11°13'09	19°31	2°20	22°58	9°44	9°16	18°10	0°22	21°32	2°21	22° 1	21° 9	7°38	n.a.	S 15
S 16	0 53 48	12°14'01	1♑48	2°47	24°14	10°19	9°22	18°11	0°21	21°34	2°21	22° 0	21° 6	7°45	n.a.	S 16
M17	0 57 44	13°14'54	13°51	3° 7	25°29	10°53	9°28	18°13	0°19	21°36	2°21	22°D 0	21° 3	7°52	n.a.	M17
T 18	1 1 41	14°15'48	25°45	3°18	26°44	11°28	9°34	18°14	0°18	21°39	2°20	22° 0	20°59	7°58	n.a.	T 18
W19	1 5 37	15°16'43	7♒35	3°R20	28° 0	12° 2	9°41	18°16	0°16	21°41	2°20	22° 1	20°56	8° 5	n.a.	W19
T 20	1 9 34	16°17'40	19°26	3°12	29°15	12°36	9°48	18°18	0°15	21°43	2°20	22° 3	20°53	8°12	n.a.	T 20
F 21	1 13 30	17°18'37	1♓22	2°54	0♎31	13°11	9°54	18°20	0°13	21°45	2°20	22° 5	20°50	8°18	n.a.	F 21
S 22	1 17 27	18°19'35	13°28	2°25	1°46	13°45	10° 1	18°22	0°11	21°48	2°20	22° 6	20°47	8°25	n.a.	S 22
S 23	1 21 23	19°20'34	25°47	1°45	3° 2	14°19	10° 8	18°24	0° 9	21°50	2°19	22°R 7	20°44	8°32	n.a.	S 23
M24	1 25 20	20°21'34	8♈20	0°54	4°17	14°53	10°16	18°26	0° 8	21°52	2°19	22° 5	20°40	8°38	n.a.	M24
T 25	1 29 17	21°22'36	21° 9	29♎53	5°33	15°27	10°23	18°28	0° 6	21°54	2°19	22° 3	20°37	8°45	n.a.	T 25
W26	1 33 13	22°23'38	4♉15	28°43	6°48	16° 1	10°31	18°30	0° 4	21°57	2°19	21°59	20°34	8°52	n.a.	W26
T 27	1 37 10	23°24'42	17°35	27°27	8° 4	16°35	10°38	18°33	0° 2	21°59	2°19	21°54	20°31	8°58	n.a.	T 27
F 28	1 41 6	24°25'46	1♊ 9	26° 6	9°20	17° 9	10°46	18°35	0° 0	22° 1	2°D19	21°48	20°28	9° 5	n.a.	F 28
S 29	1 45 3	25°26'52	14°54	24°43	10°35	17°43	10°54	18°38	29♉58	22° 3	2°19	21°43	20°24	9°12	n.a.	S 29
S 30	1 48 59	26°27'59	28°48	23°21	11°51	18°16	11° 2	18°41	29°56	22° 6	2°19	21°39	20°21	9°18	n.a.	S 30
M31	1 52 56	27♎29'07	12♋49	22♎ 3	13♎ 6	18♌50	11♑11	18♑44	29♉54	22♎ 8	2♒19	21♓36	20♓18	9♒25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n11	26n19	5n 2	9s22	2s18	11n 6	1n32	21n32	1n26	24s36	1s 1	23s50	1s15	20n37	0s 0	6s33	1n56	34s 4	14s35	3s 9	3s16	22s38		n.a.
S 2	0 47	28 32	5 16	9 56	2 22	10 38	1 32	21 25	1 27	24 36	1 1	23 50	1 15	20 37	0 0	6 34	1 56	34 4	14 34	3 10	3 17	22 36		n.a.
M 3	0 22	29 2	5 13	10 29	2 26	10 10	1 32	21 17	1 27	24 35	1 1	23 50	1 15	20 37	0 0	6 35	1 56	34 4	14 34	3 10	3 19	22 34		n.a.
T 4	0s 2	27 39	4 50	11 0	2 30	9 41	1 32	21 10	1 28	24 35	1 1	23 50	1 15	20 36	0 0	6 35	1 56	34 4	14 34	3 9	3 20	22 31		n.a.
W 5	0 27	24 26	4 9	11 31	2 33	9 13	1 33	21 2	1 29	24 35	1 1	23 50	1 15	20 36	0 0	6 36	1 56	34 4	14 34	3 9	3 21	22 29		n.a.
T 6	0 51	19 40	3 12	11 59	2 36	8 44	1 33	20 54	1 29	24 34	1 1	23 50	1 15	20 36	0 0	6 37	1 56	34 4	14 33	3 9	3 22	22 27		n.a.
F 7	1 16	13 42	2 2	12 27	2 38	8 14	1 33	20 46	1 30	24 34	1 1	23 50	1 15	20 36	0 0	6 38	1 56	34 4	14 33	3 9	3 24	22 24		n.a.
S 8	1 40	7 0	0 44	12 53	2 40	7 45	1 33	20 38	1 30	24 34	1 1	23 50	1 15	20 36	0 0	6 39	1 56	34 3	14 33	3 8	3 25	22 22		n.a.
S 9	2 4	0s 2	0s36	13 17	2 41	7 15	1 33	20 29	1 31	24 33	1 1	23 50	1 15	20 35	0 0	6 40	1 56	34 3	14 33	3 8	3 26	22 19		n.a.
M10	2 29	6 57	1 53	13 38	2 41	6 45	1 32	20 21	1 32	24 33	1 1	23 50	1 15	20 35	0 0	6 40	1 56	34 3	14 32	3 9	3 28	22 17		n.a.
T 11	2 53	13 24	3 1	13 58	2 41	6 15	1 32	20 12	1 32	24 32	1 1	23 49	1 15	20 35	0 0	6 41	1 56	34 3	14 32	3 9	3 29	22 15		n.a.
W12	3 18	19 2	3 57	14 15	2 39	5 45	1 32	20 4	1 33	24 32	1 0	23 49	1 15	20 35	0 0	6 42	1 56	34 3	14 32	3 10	3 30	22 12		n.a.
T 13	3 42	23 35	4 39	14 30	2 37	5 14	1 31	19 55	1 34	24 31	1 0	23 49	1 15	20 34	0 0	6 43	1 56	34 3	14 31	3 11	3 31	22 10		n.a.
F 14	4 6	26 50	5 5	14 41	2 34	4 44	1 31	19 47	1 34	24 31	1 0	23 49	1 15	20 34	0 0	6 44	1 56	34 2	14 31	3 12	3 33	22 8		n.a.
S 15	4 31	28 39	5 15	14 49	2 30	4 13	1 30	19 38	1 35	24 30	1 0	23 49	1 15	20 34	0 0	6 45	1 56	34 2	14 31	3 13	3 34	22 5		n.a.
S 16	4 55	29 0	5 11	14 54	2 25	3 42	1 30	19 29	1 36	24 30	1 0	23 48	1 15	20 34	0 0	6 46	1 56	34 2	14 30	3 13	3 35	22 3		n.a.
M17	5 19	27 57	4 53	14 55	2 18	3 11	1 29	19 20	1 36	24 29	1 0	23 48	1 15	20 33	0 0	6 46	1 56	34 2	14 30	3 14	3 36	22 0		n.a.
T 18	5 43	25 38	4 23	14 51	2 10	2 40	1 28	19 11	1 37	24 29	1 0	23 48	1 14	20 33	0 0	6 47	1 56	34 1	14 30	3 13	3 38	21 58		n.a.
W19	6 7	22 14	3 41	14 43	2 0	2 9	1 28	19 2	1 38	24 28	1 0	23 48	1 14	20 33	0 0	6 48	1 56	34 1	14 30	3 13	3 39	21 56		n.a.
T 20	6 31	17 56	2 50	14 29	1 49	1 37	1 27	18 52	1 38	24 28	1 0	23 47	1 14	20 32	0 0	6 49	1 56	34 1	14 29	3 12	3 40	21 53		n.a.
F 21	6 54	12 54	1 52	14 11	1 36	1 6	1 26	18 43	1 39	24 27	1 0	23 47	1 14	20 32	0 0	6 50	1 56	34 1	14 29	3 11	3 42	21 51		n.a.
S 22	7 18	7 20	0 47	13 47	1 22	0 35	1 25	18 34	1 40	24 26	1 0	23 47	1 14	20 32	0n 0	6 51	1 56	34 0	14 29	3 11	3 43	21 48		n.a.
S 23	7 42	1 24	0n20	13 18	1 5	0 3	1 24	18 24	1 40	24 26	0 59	23 46	1 14	20 31	0 0	6 52	1 56	34 0	14 28	3 11	3 44	21 46		n.a.
M24	8 5	4n42	1 28	12 43	0 48	0s28	1 23	18 15	1 41	24 25	0 59	23 46	1 14	20 31	0 0	6 52	1 56	34 0	14 28	3 11	3 45	21 43		n.a.
T 25	8 28	10 44	2 32	12 4	0 29	1 0	1 22	18 5	1 42	24 24	0 59	23 46	1 14	20 30	0 0	6 53	1 56	34 0	14 28	3 12	3 47	21 41		n.a.
W26	8 51	16 26	3 30	11 20	0 9	1 31	1 20	17 55	1 42	24 24	0 59	23 45	1 14	20 30	0 0	6 54	1 56	33 59	14 27	3 14	3 48	21 39		n.a.
T 27	9 14	21 28	4 18	10 33	0n12	2 3	1 19	17 46	1 43	24 23	0 59	23 45	1 14	20 30	0 0	6 55	1 56	33 59	14 27	3 16	3 49	21 36		n.a.
F 28	9 37	25 29	4 52	9 44	0 32	2 34	1 18	17 36	1 44	24 22	0 59	23 44	1 14	20 29	0 0	6 56	1 56	33 59	14 27	3 18	3 50	21 34		n.a.
S 29	10 0	28 5	5 9	8 55	0 52	3 5	1 16	17 26	1 45	24 22	0 59	23 44	1 14	20 29	0 0	6 57	1 56	33 58	14 26	3 20	3 52	21 31		n.a.
S 30	10 23	28 59	5 9	8 6	1 12	3 37	1 15	17 16	1 45	24 21	0 59	23 44	1 14	20 28	0 0	6 58	1 56	33 58	14 26	3 22	3 53	21 29		n.a.
M31	10s45	28n 1	4n50	7s20	1n30	4s 8	1n13	17n 6	1n46	24s20	0s59	23s43	1s14	20n28	0n 0	6s58	1n56	33s58	14s26	3s23	3s54	21s26		n.a.

Julian Day Number = 1298371.5, Delta T = 07h52m41s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'47, Lahiri = -19°56'46 Julian Calendar 1 Oct. 1159 BCE == Greg. Calendar 20 Sept. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

NOVEMBER 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 52	28♎30'17	26♋54	20°R51	14♎22	19♌23	11♑19	18♑47	29°R52	22♎10	2♒19	21°D35	20♓15	9♒32	n.a.	T 1
W 2	2 0 49	29°31'27	11♌ 3	19♎47	15°37	19°57	11°28	18°50	29♉50	22°12	2°20	21♓36	20°12	9°38	n.a.	W 2
T 3	2 4 46	0♏32'39	25°13	18°53	16°53	20°30	11°36	18°53	29°48	22°15	2°20	21°37	20° 9	9°45	n.a.	T 3
F 4	2 8 42	1°33'51	9♍23	18°10	18° 9	21° 3	11°45	18°56	29°46	22°17	2°20	21°39	20° 5	9°52	n.a.	F 4
S 5	2 12 39	2°35'04	23°31	17°38	19°24	21°36	11°54	18°59	29°43	22°19	2°20	21°R39	20° 2	9°58	n.a.	S 5
S 6	2 16 35	3°36'19	7♎35	17°17	20°40	22° 9	12° 4	19° 3	29°41	22°21	2°20	21°38	19°59	10° 5	n.a.	S 6
M 7	2 20 32	4°37'34	21°30	17°D 7	21°55	22°42	12°13	19° 6	29°39	22°24	2°21	21°35	19°56	10°12	n.a.	M 7
T 8	2 24 28	5°38'49	5♏13	17° 8	23°11	23°15	12°22	19°10	29°37	22°26	2°21	21°29	19°53	10°18	n.a.	T 8
W 9	2 28 25	6°40'05	18°41	17°18	24°27	23°48	12°32	19°14	29°34	22°28	2°21	21°22	19°49	10°25	n.a.	W 9
T 10	2 32 21	7°41'22	1♐52	17°37	25°42	24°21	12°41	19°18	29°32	22°30	2°21	21°13	19°46	10°32	n.a.	T 10
F 11	2 36 18	8°42'39	14°44	18° 4	26°58	24°53	12°51	19°21	29°30	22°32	2°22	21° 4	19°43	10°39	n.a.	F 11
S 12	2 40 15	9°43'57	27°18	18°38	28°13	25°26	13° 1	19°25	29°27	22°35	2°22	20°56	19°40	10°45	n.a.	S 12
S 13	2 44 11	10°45'14	9♑35	19°19	29°29	25°58	13°11	19°30	29°25	22°37	2°23	20°49	19°37	10°52	n.a.	S 13
M14	2 48 8	11°46'32	21°38	20° 5	0♏45	26°30	13°21	19°34	29°22	22°39	2°23	20°45	19°34	10°59	n.a.	M14
T 15	2 52 4	12°47'50	3♒32	20°56	2° 0	27° 2	13°32	19°38	29°20	22°41	2°23	20°42	19°30	11° 5	n.a.	T 15
W16	2 56 1	13°49'07	15°22	21°52	3°16	27°34	13°42	19°42	29°17	22°43	2°24	20°D42	19°27	11°12	n.a.	W16
T 17	2 59 57	14°50'25	27°12	22°52	4°31	28° 6	13°53	19°47	29°15	22°45	2°24	20°42	19°24	11°19	n.a.	T 17
F 18	3 3 54	15°51'42	9♓ 8	23°55	5°47	28°38	14° 3	19°51	29°12	22°48	2°25	20°44	19°21	11°25	n.a.	F 18
S 19	3 7 51	16°52'59	21°15	25° 2	7° 2	29°10	14°14	19°56	29°10	22°50	2°25	20°R44	19°18	11°32	n.a.	S 19
S 20	3 11 47	17°54'16	3♈39	26°11	8°18	29°41	14°25	20° 0	29° 7	22°52	2°26	20°43	19°15	11°39	n.a.	S 20
M21	3 15 44	18°55'33	16°22	27°22	9°33	0♍13	14°36	20° 5	29° 5	22°54	2°27	20°40	19°11	11°45	n.a.	M21
T 22	3 19 40	19°56'50	29°26	28°36	10°49	0°44	14°47	20°10	29° 2	22°56	2°27	20°34	19° 8	11°52	n.a.	T 22
W23	3 23 37	20°58'07	12♉52	29°51	12° 4	1°15	14°58	20°15	29° 0	22°58	2°28	20°26	19° 5	11°59	n.a.	W23
T 24	3 27 33	21°59'23	26°38	1♏ 9	13°20	1°46	15° 9	20°20	28°57	23° 0	2°29	20°16	19° 2	12° 5	n.a.	T 24
F 25	3 31 30	23° 0'40	10♊41	2°27	14°35	2°17	15°21	20°25	28°55	23° 2	2°29	20° 5	18°59	12°12	n.a.	F 25
S 26	3 35 27	24° 1'57	24°55	3°47	15°51	2°48	15°32	20°30	28°52	23° 4	2°30	19°55	18°55	12°19	n.a.	S 26
S 27	3 39 23	25° 3'13	9♋15	5° 8	17° 6	3°19	15°44	20°35	28°49	23° 6	2°31	19°46	18°52	12°25	n.a.	S 27
M28	3 43 20	26° 4'30	23°36	6°31	18°22	3°49	15°55	20°40	28°47	23° 8	2°31	19°39	18°49	12°32	n.a.	M28
T 29	3 47 16	27° 5'46	7♌53	7°54	19°37	4°20	16° 7	20°46	28°44	23°10	2°32	19°35	18°46	12°39	n.a.	T 29
W30	3 51 13	28♏ 7'03	22♌ 3	9♏18	20♏53	4♍50	16♑19	20♑51	28♉42	23♎12	2♒33	19♓34	18♓43	12♒45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 7	25n17	4n14	6s38	1n46	4s39	1n12	16n56	1n47	24s19	0s59	23s43	1s14	20n27	0n 0	6s59	1n56	33s58	14s26	3s23	3s55	21s24		n.a.
W 2	11 29	20 59	3 23	6 0	2 1	5 10	1 10	16 46	1 47	24 18	0 59	23 42	1 14	20 27	0 0	7 0	1 56	33 57	14 25	3 23	3 57	21 21		n.a.
T 3	11 51	15 30	2 19	5 28	2 13	5 41	1 9	16 36	1 48	24 18	0 59	23 42	1 14	20 27	0 0	7 1	1 56	33 57	14 25	3 23	3 58	21 19		n.a.
F 4	12 13	9 12	1 6	5 2	2 24	6 12	1 7	16 26	1 49	24 17	0 59	23 41	1 14	20 26	0 0	7 2	1 56	33 56	14 25	3 22	3 59	21 16		n.a.
S 5	12 34	2 27	0s10	4 42	2 32	6 43	1 5	16 16	1 50	24 16	0 58	23 41	1 14	20 26	0 0	7 3	1 56	33 56	14 24	3 22	4 1	21 14		n.a.
S 6	12 55	4s21	1 25	4 28	2 38	7 13	1 3	16 5	1 50	24 15	0 58	23 40	1 14	20 25	0 0	7 3	1 56	33 56	14 24	3 22	4 2	21 11		n.a.
M 7	13 16	10 54	2 34	4 21	2 42	7 44	1 2	15 55	1 51	24 14	0 58	23 40	1 13	20 25	0 0	7 4	1 56	33 55	14 24	3 24	4 3	21 9		n.a.
T 8	13 37	16 49	3 33	4 18	2 45	8 14	1 0	15 45	1 52	24 13	0 58	23 39	1 13	20 24	0 0	7 5	1 56	33 55	14 23	3 26	4 4	21 6		n.a.
W 9	13 58	21 49	4 19	4 21	2 46	8 44	0 58	15 34	1 52	24 12	0 58	23 38	1 13	20 24	0 0	7 6	1 56	33 55	14 23	3 29	4 6	21 4		n.a.
T 10	14 18	25 37	4 50	4 29	2 46	9 14	0 56	15 24	1 53	24 11	0 58	23 38	1 13	20 23	0 0	7 7	1 56	33 54	14 23	3 32	4 7	21 1		n.a.
F 11	14 38	28 0	5 5	4 40	2 44	9 43	0 54	15 14	1 54	24 10	0 58	23 37	1 13	20 23	0 0	7 8	1 56	33 54	14 22	3 36	4 8	20 59		n.a.
S 12	14 58	28 54	5 5	4 56	2 42	10 13	0 52	15 3	1 55	24 9	0 58	23 37	1 13	20 22	0 0	7 8	1 56	33 53	14 22	3 39	4 9	20 56		n.a.
S 13	15 18	28 19	4 51	5 14	2 38	10 42	0 50	14 53	1 55	24 8	0 58	23 36	1 13	20 22	0 0	7 9	1 56	33 53	14 22	3 42	4 11	20 53		n.a.
M14	15 37	26 24	4 24	5 36	2 34	11 11	0 48	14 42	1 56	24 7	0 58	23 35	1 13	20 21	0 0	7 10	1 56	33 53	14 21	3 44	4 12	20 51		n.a.
T 15	15 56	23 20	3 46	6 0	2 30	11 39	0 46	14 32	1 57	24 6	0 58	23 35	1 13	20 21	0 0	7 11	1 56	33 52	14 21	3 45	4 13	20 48		n.a.
W16	16 15	19 20	2 58	6 26	2 24	12 7	0 44	14 21	1 58	24 4	0 58	23 34	1 13	20 20	0 0	7 12	1 56	33 52	14 21	3 45	4 14	20 46		n.a.
T 17	16 33	14 34	2 3	6 54	2 18	12 35	0 41	14 11	1 58	24 3	0 58	23 33	1 13	20 20	0 0	7 12	1 56	33 51	14 21	3 44	4 16	20 43		n.a.
F 18	16 52	9 14	1 2	7 23	2 12	13 3	0 39	14 0	1 59	24 2	0 58	23 33	1 13	20 19	0 0	7 13	1 56	33 51	14 20	3 44	4 17	20 41		n.a.
S 19	17 9	3 29	0n 3	7 54	2 6	13 30	0 37	13 49	2 0	24 1	0 58	23 32	1 13	20 18	0 0	7 14	1 56	33 51	14 20	3 44	4 18	20 38		n.a.
S 20	17 27	2n31	1 9	8 26	1 59	13 57	0 35	13 39	2 1	24 0	0 58	23 31	1 13	20 18	0 0	7 15	1 56	33 50	14 20	3 44	4 20	20 36		n.a.
M21	17 44	8 34	2 13	8 58	1 52	14 24	0 32	13 28	2 1	23 58	0 58	23 30	1 13	20 17	0 0	7 15	1 56	33 50	14 19	3 45	4 21	20 33		n.a.
T 22	18 1	14 26	3 11	9 32	1 45	14 50	0 30	13 18	2 2	23 57	0 57	23 30	1 13	20 17	0 0	7 16	1 56	33 49	14 19	3 48	4 22	20 30		n.a.
W23	18 18	19 46	4 1	10 6	1 37	15 16	0 28	13 7	2 3	23 56	0 57	23 29	1 13	20 16	0 0	7 17	1 56	33 49	14 19	3 51	4 23	20 28		n.a.
T 24	18 34	24 13	4 38	10 40	1 30	15 42	0 26	12 56	2 4	23 54	0 57	23 28	1 13	20 16	0 0	7 18	1 56	33 48	14 18	3 55	4 25	20 25		n.a.
F 25	18 50	27 21	4 59	11 14	1 22	16 7	0 23	12 46	2 5	23 53	0 57	23 27	1 13	20 15	0 0	7 18	1 56	33 48	14 18	3 59	4 26	20 23		n.a.
S 26	19 5	28 46	5 2	11 49	1 15	16 31	0 21	12 35	2 5	23 52	0 57	23 26	1 13	20 15	0 0	7 19	1 56	33 47	14 18	4 3	4 27	20 20		n.a.
S 27	19 21	28 15	4 46	12 24	1 7	16 56	0 19	12 25	2 6	23 50	0 57	23 26	1 13	20 14	0 0	7 20	1 56	33 47	14 18	4 7	4 28	20 17		n.a.
M28	19 35	25 52	4 12	12 59	0 59	17 19	0 16	12 14	2 7	23 49	0 57	23 25	1 13	20 13	0 0	7 21	1 56	33 47	14 17	4 10	4 30	20 15		n.a.
T 29	19 50	21 51	3 22	13 34	0 52	17 43	0 14	12 4	2 8	23 47	0 57	23 24	1 13	20 13	0 0	7 21	1 56	33 46	14 17	4 11	4 31	20 12		n.a.
W30	20s 4	16n36	2n21	14s 8	0n44	18s 5	0n11	11n53	2n 9	23s46	0s57	23s23	1s13	20n12	0n 0	7s22	1n56	33s46	14s17	4s12	4s32	20s 9		n.a.

Julian Day Number = 1298402.5, Delta T = 07h52m40s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'43, Lahiri = -19°56'42 Julian Calendar 1 Nov. 1159 BCE == Greg. Calendar 21 Oct. 1159 BCE

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ASTRODIENST EPHEMERIS for the year 1159 BCE
geocentric

DECEMBER 1159 BCE (-1158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 9	29♏ 8'19	6♍ 6	10♏43	22♏ 8	5♍20	16♑31	20♑56	28°R39	23♎14	2♒34	19°D34	18♓40	12♒52	n.a.	T 1
F 2	3 59 6	0♐ 9'35	20° 0	12° 9	23°24	5°50	16°43	21° 2	28♑36	23°16	2°35	19°R34	18°36	12°59	n.a.	F 2
S 3	4 3 2	1°10'52	3♎45	13°35	24°39	6°20	16°55	21° 8	28°34	23°18	2°36	19♓33	18°33	13° 5	n.a.	S 3
S 4	4 6 59	2°12'07	17°23	15° 2	25°55	6°49	17° 7	21°13	28°31	23°20	2°36	19°30	18°30	13°12	n.a.	S 4
M 5	4 10 56	3°13'23	0♏51	16°30	27°10	7°19	17°19	21°19	28°29	23°21	2°37	19°25	18°27	13°19	n.a.	M 5
T 6	4 14 52	4°14'38	14° 9	17°59	28°26	7°48	17°32	21°25	28°26	23°23	2°38	19°16	18°24	13°25	n.a.	T 6
W 7	4 18 49	5°15'53	27°16	19°28	29°41	8°17	17°44	21°31	28°23	23°25	2°39	19° 4	18°21	13°32	n.a.	W 7
T 8	4 22 45	6°17'07	10♐10	20°57	0♐56	8°46	17°57	21°37	28°21	23°27	2°40	18°51	18°17	13°39	n.a.	T 8
F 9	4 26 42	7°18'21	22°51	22°28	2°12	9°15	18° 9	21°42	28°18	23°29	2°41	18°37	18°14	13°45	n.a.	F 9
S 10	4 30 38	8°19'34	5♑17	23°58	3°27	9°44	18°22	21°49	28°16	23°30	2°42	18°23	18°11	13°52	n.a.	S 10
S 11	4 34 35	9°20'45	17°29	25°30	4°43	10°12	18°35	21°55	28°13	23°32	2°43	18°12	18° 8	13°59	n.a.	S 11
M12	4 38 32	10°21'56	29°30	27° 1	5°58	10°40	18°48	22° 1	28°11	23°34	2°44	18° 3	18° 5	14° 5	n.a.	M12
T 13	4 42 28	11°23'06	11♒23	28°34	7°13	11° 8	19° 0	22° 7	28° 8	23°36	2°45	17°57	18° 1	14°12	n.a.	T 13
W14	4 46 25	12°24'15	23°11	0♐ 7	8°29	11°36	19°13	22°13	28° 6	23°37	2°46	17°53	17°58	14°19	n.a.	W14
T 15	4 50 21	13°25'22	4♓59	1°40	9°44	12° 4	19°26	22°20	28° 3	23°39	2°48	17°52	17°55	14°25	n.a.	T 15
F 16	4 54 18	14°26'29	16°53	3°14	10°59	12°31	19°39	22°26	28° 1	23°40	2°49	17°52	17°52	14°32	n.a.	F 16
S 17	4 58 14	15°27'34	28°59	4°49	12°15	12°59	19°53	22°32	27°58	23°42	2°50	17°52	17°49	14°39	n.a.	S 17
S 18	5 2 11	16°28'37	11♈21	6°24	13°30	13°26	20° 6	22°39	27°56	23°44	2°51	17°50	17°46	14°45	n.a.	S 18
M19	5 6 7	17°29'40	24° 5	8° 0	14°45	13°53	20°19	22°45	27°53	23°45	2°52	17°47	17°42	14°52	n.a.	M19
T 20	5 10 4	18°30'41	7♉14	9°37	16° 0	14°19	20°32	22°52	27°51	23°47	2°53	17°40	17°39	14°59	n.a.	T 20
W21	5 14 1	19°31'41	20°50	11°14	17°16	14°46	20°46	22°58	27°49	23°48	2°55	17°31	17°36	15° 5	n.a.	W21
T 22	5 17 57	20°32'39	4♊52	12°52	18°31	15°12	20°59	23° 5	27°46	23°49	2°56	17°20	17°33	15°12	n.a.	T 22
F 23	5 21 54	21°33'37	19°17	14°30	19°46	15°38	21°13	23°12	27°44	23°51	2°57	17° 7	17°30	15°19	n.a.	F 23
S 24	5 25 50	22°34'33	3♋57	16° 9	21° 1	16° 3	21°26	23°18	27°42	23°52	2°58	16°55	17°27	15°25	n.a.	S 24
S 25	5 29 47	23°35'28	18°45	17°49	22°17	16°29	21°40	23°25	27°39	23°54	3° 0	16°45	17°23	15°32	n.a.	S 25
M26	5 33 43	24°36'22	3♌33	19°30	23°32	16°54	21°53	23°32	27°37	23°55	3° 1	16°37	17°20	15°39	n.a.	M26
T 27	5 37 40	25°37'14	18°13	21°11	24°47	17°19	22° 7	23°39	27°35	23°56	3° 2	16°32	17°17	15°45	n.a.	T 27
W28	5 41 37	26°38'06	2♍39	22°53	26° 2	17°44	22°21	23°46	27°33	23°58	3° 3	16°30	17°14	15°52	n.a.	W28
T 29	5 45 33	27°38'56	16°49	24°36	27°17	18° 8	22°34	23°53	27°30	23°59	3° 5	16°D29	17°11	15°59	n.a.	T 29
F 30	5 49 30	28°39'45	0♎43	26°19	28°32	18°32	22°48	23°59	27°28	24° 0	3° 6	16°R29	17° 7	16° 5	n.a.	F 30
S 31	5 53 26	29♐40'33	14♎20	28♐ 4	29♐47	18♍56	23♑ 2	24♑ 6	27♉26	24♎ 1	3♒ 7	16♓28	17♓ 4	16♒12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s18	10n31	1n11	14s43	0n36	18s28	0n 9	11n43	2n 9	23s44	0s57	23s22	1s13	20n12	0n 0	7s23	1n56	33s45	14s16	4s12	4s33	20s 7			n.a.
F 2	20 31	3 59	0s 2	15 17	0 29	18 49	0 7	11 32	2 10	23 43	0 57	23 21	1 13	20 11	0 0	7 23	1 56	33 45	14 16	4 12	4 35	20 4			n.a.
S 3	20 44	2s39	1 15	15 50	0 21	19 11	0 4	11 22	2 11	23 41	0 57	23 20	1 13	20 11	0 0	7 24	1 56	33 44	14 16	4 12	4 36	20 2			n.a.
S 4	20 57	9 6	2 22	16 24	0 14	19 31	0 2	11 11	2 12	23 40	0 57	23 19	1 13	20 10	0 0	7 25	1 56	33 44	14 16	4 13	4 37	19 59			n.a.
M 5	21 9	15 4	3 20	16 57	0 7	19 52	0s 1	11 1	2 13	23 38	0 57	23 18	1 13	20 9	0 0	7 25	1 56	33 43	14 15	4 16	4 38	19 56			n.a.
T 6	21 21	20 16	4 7	17 29	0s 1	20 11	0 3	10 50	2 13	23 36	0 57	23 18	1 13	20 9	0 0	7 26	1 56	33 43	14 15	4 19	4 40	19 54			n.a.
W 7	21 32	24 24	4 39	18 1	0 8	20 30	0 5	10 40	2 14	23 35	0 57	23 17	1 13	20 8	0 0	7 27	1 56	33 42	14 15	4 24	4 41	19 51			n.a.
T 8	21 43	27 14	4 57	18 32	0 15	20 49	0 8	10 30	2 15	23 33	0 57	23 16	1 13	20 8	0 1	7 27	1 56	33 42	14 15	4 29	4 42	19 48			n.a.
F 9	21 53	28 37	4 59	19 2	0 22	21 6	0 10	10 19	2 16	23 31	0 57	23 15	1 12	20 7	0 1	7 28	1 56	33 41	14 14	4 35	4 44	19 46			n.a.
S 10	22 3	28 31	4 47	19 32	0 28	21 24	0 12	10 9	2 17	23 29	0 57	23 14	1 12	20 7	0 1	7 28	1 57	33 41	14 14	4 40	4 45	19 43			n.a.
S 11	22 13	27 0	4 23	20 1	0 35	21 40	0 15	9 59	2 18	23 28	0 57	23 13	1 12	20 6	0 1	7 29	1 57	33 40	14 14	4 45	4 46	19 40			n.a.
M12	22 22	24 16	3 46	20 29	0 41	21 56	0 17	9 49	2 19	23 26	0 57	23 12	1 12	20 5	0 1	7 30	1 57	33 40	14 14	4 48	4 47	19 38			n.a.
T 13	22 31	20 32	3 0	20 57	0 48	22 12	0 19	9 39	2 19	23 24	0 57	23 11	1 12	20 5	0 1	7 30	1 57	33 39	14 13	4 50	4 49	19 35			n.a.
W14	22 39	16 0	2 7	21 23	0 54	22 26	0 22	9 29	2 20	23 22	0 57	23 10	1 12	20 4	0 1	7 31	1 57	33 39	14 13	4 52	4 50	19 32			n.a.
T 15	22 47	10 53	1 8	21 48	1 0	22 40	0 24	9 19	2 21	23 20	0 57	23 9	1 12	20 4	0 1	7 31	1 57	33 38	14 13	4 52	4 51	19 29			n.a.
F 16	22 55	5 20	0 5	22 13	1 5	22 54	0 26	9 9	2 22	23 18	0 57	23 7	1 12	20 3	0 1	7 32	1 57	33 38	14 13	4 52	4 52	19 27			n.a.
S 17	23 2	0n29	0n58	22 36	1 11	23 6	0 28	8 59	2 23	23 16	0 57	23 6	1 12	20 3	0 1	7 32	1 57	33 37	14 13	4 52	4 54	19 24			n.a.
S 18	23 8	6 24	2 1	22 59	1 16	23 18	0 31	8 49	2 24	23 14	0 57	23 5	1 12	20 2	0 1	7 33	1 57	33 37	14 12	4 53	4 55	19 21			n.a.
M19	23 14	12 15	2 59	23 20	1 21	23 29	0 33	8 40	2 25	23 12	0 57	23 4	1 12	20 2	0 1	7 34	1 57	33 36	14 12	4 54	4 56	19 19			n.a.
T 20	23 20	17 45	3 49	23 40	1 26	23 40	0 35	8 30	2 26	23 10	0 57	23 3	1 12	20 1	0 1	7 34	1 57	33 36	14 12	4 57	4 57	19 16			n.a.
W21	23 25	22 34	4 29	23 59	1 30	23 50	0 37	8 21	2 26	23 8	0 57	23 2	1 12	20 0	0 1	7 35	1 57	33 35	14 12	5 1	4 59	19 13			n.a.
T 22	23 29	26 16	4 53	24 17	1 34	23 59	0 39	8 11	2 27	23 6	0 57	23 1	1 12	20 0	0 1	7 35	1 57	33 35	14 11	5 5	5 0	19 10			n.a.
F 23	23 34	28 22	5 0	24 33	1 38	24 7	0 41	8 2	2 28	23 4	0 57	23 0	1 12	19 59	0 1	7 36	1 57	33 34	14 11	5 10	5 1	19 8			n.a.
S 24	23 37	28 33	4 47	24 48	1 42	24 15	0 43	7 52	2 29	23 2	0 57	22 59	1 12	19 59	0 1	7 36	1 57	33 34	14 11	5 15	5 2	19 5			n.a.
S 25	23 41	26 42	4 15	25 1	1 46	24 22	0 45	7 43	2 30	23 0	0 57	22 57	1 12	19 58	0 1	7 36	1 57	33 33	14 11	5 19	5 4	19 2			n.a.
M26	23 43	23 1	3 26	25 13	1 49	24 28	0 47	7 34	2 31	22 57	0 57	22 56	1 13	19 58	0 1	7 37	1 57	33 33	14 11	5 22	5 5	18 59			n.a.
T 27	23 46	17 54	2 23	25 23	1 51	24 33	0 49	7 25	2 32	22 55	0 57	22 55	1 13	19 57	0 1	7 37	1 57	33 32	14 11	5 24	5 6	18 57			n.a.
W28	23 47	11 49	1 13	25 32	1 54	24 38	0 51	7 16	2 33	22 53	0 57	22 54	1 13	19 57	0 1	7 38	1 57	33 32	14 10	5 25	5 7	18 54			n.a.
T 29	23 49	5 16	0s 2	25 39	1 56	24 41	0 53	7 7	2 34	22 51	0 57	22 53	1 13	19 56	0 1	7 38	1 57	33 31	14 10	5 25	5 9	18 51			n.a.
F 30	23 50	1s25	1 15	25 44	1 57	24 44	0 55	6 58	2 35	22 48	0 57	22 51	1 13	19 56	0 1	7 39	1 58	33 31	14 10	5 25	5 10	18 48			n.a.
S 31	23s50	7s55	2s22	25s48	1s59	24s47	0s57	6n50	2n36	22s46	0s57	22s50	1s13	19n55	0n 1	7s39	1n58	33s30	14s10	5s25	5s11	18s46			n.a.

Julian Day Number = 1298432.5, Delta T = 07h52m38s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'39, Lahiri = -19°56'38 Julian Calendar 1 Dec. 1159 BCE == Greg. Calendar 20 Nov. 1159 BCE

The year -1158 astronomical counting style corresponds to year 1159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

JANUARY 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 23	0♉41'20	27♎42	29♐49	1♉ 3	19♍20	23♉16	24♉13	27°R24	24♎ 2	3♒ 9	16°R26	17♓ 1	16♒19	n.a.	S 1
M 2	6 1 19	1°42'06	10♏51	1♉35	2°18	19°43	23°30	24°21	27♉22	24° 4	3°10	16♓20	16°58	16°25	n.a.	M 2
T 3	6 5 16	2°42'50	23°47	3°21	3°33	20° 6	23°44	24°28	27°20	24° 5	3°12	16°12	16°55	16°32	n.a.	T 3
W 4	6 9 12	3°43'34	6♐33	5° 9	4°48	20°29	23°58	24°35	27°18	24° 6	3°13	16° 1	16°52	16°39	n.a.	W 4
T 5	6 13 9	4°44'15	19° 7	6°57	6° 3	20°51	24°12	24°42	27°16	24° 7	3°14	15°48	16°48	16°45	n.a.	T 5
F 6	6 17 6	5°44'55	1♉31	8°46	7°18	21°13	24°26	24°49	27°14	24° 8	3°16	15°35	16°45	16°52	n.a.	F 6
S 7	6 21 2	6°45'34	13°45	10°35	8°33	21°35	24°40	24°56	27°13	24° 9	3°17	15°22	16°42	16°59	n.a.	S 7
S 8	6 24 59	7°46'11	25°49	12°25	9°48	21°56	24°54	25° 3	27°11	24°10	3°19	15°11	16°39	17° 5	n.a.	S 8
M 9	6 28 55	8°46'46	7♒45	14°16	11° 3	22°17	25° 8	25°11	27° 9	24°11	3°20	15° 2	16°36	17°12	n.a.	M 9
T 10	6 32 52	9°47'19	19°35	16° 7	12°18	22°38	25°23	25°18	27° 7	24°12	3°22	14°56	16°33	17°19	n.a.	T 10
W11	6 36 48	10°47'50	1♓22	17°58	13°33	22°58	25°37	25°25	27° 6	24°12	3°23	14°52	16°29	17°25	n.a.	W11
T 12	6 40 45	11°48'19	13° 9	19°50	14°48	23°18	25°51	25°32	27° 4	24°13	3°25	14°D51	16°26	17°32	n.a.	T 12
F 13	6 44 41	12°48'46	25° 2	21°42	16° 3	23°38	26° 5	25°40	27° 2	24°14	3°26	14°52	16°23	17°39	n.a.	F 13
S 14	6 48 38	13°49'11	7♈ 5	23°33	17°18	23°57	26°20	25°47	27° 1	24°15	3°28	14°53	16°20	17°45	n.a.	S 14
S 15	6 52 35	14°49'34	19°23	25°24	18°33	24°15	26°34	25°54	26°59	24°16	3°29	14°R53	16°17	17°52	n.a.	S 15
M16	6 56 31	15°49'54	2♉ 3	27°15	19°48	24°34	26°48	26° 2	26°58	24°16	3°31	14°51	16°13	17°59	n.a.	M16
T 17	7 0 28	16°50'13	15° 9	29° 4	21° 3	24°52	27° 3	26° 9	26°56	24°17	3°32	14°48	16°10	18° 5	n.a.	T 17
W18	7 4 24	17°50'29	28°43	0♒53	22°17	25° 9	27°17	26°16	26°55	24°18	3°34	14°42	16° 7	18°12	n.a.	W18
T 19	7 8 21	18°50'44	12♊46	2°39	23°32	25°26	27°31	26°24	26°54	24°18	3°35	14°34	16° 4	18°19	n.a.	T 19
F 20	7 12 17	19°50'56	27°17	4°24	24°47	25°43	27°46	26°31	26°52	24°19	3°37	14°25	16° 1	18°25	n.a.	F 20
S 21	7 16 14	20°51'06	12♋ 9	6° 5	26° 2	25°59	28° 0	26°39	26°51	24°19	3°38	14°17	15°58	18°32	n.a.	S 21
S 22	7 20 10	21°51'15	27°15	7°44	27°17	26°15	28°14	26°46	26°50	24°20	3°40	14° 9	15°54	18°39	n.a.	S 22
M23	7 24 7	22°51'21	12♌24	9°19	28°31	26°30	28°29	26°54	26°49	24°20	3°42	14° 3	15°51	18°45	n.a.	M23
T 24	7 28 4	23°51'25	27°26	10°50	29°46	26°45	28°43	27° 1	26°48	24°21	3°43	14° 0	15°48	18°52	n.a.	T 24
W25	7 32 0	24°51'27	12♍14	12°17	1♒ 1	27° 0	28°58	27° 8	26°47	24°21	3°45	13°D59	15°45	18°59	n.a.	W25
T 26	7 35 57	25°51'28	26°42	13°37	2°16	27°14	29°12	27°16	26°46	24°21	3°46	13°59	15°42	19° 5	n.a.	T 26
F 27	7 39 53	26°51'27	10♎48	14°52	3°30	27°27	29°27	27°23	26°45	24°22	3°48	14° 0	15°39	19°12	n.a.	F 27
S 28	7 43 50	27°51'24	24°30	16° 1	4°45	27°40	29°41	27°31	26°44	24°22	3°49	14°R 1	15°35	19°19	n.a.	S 28
S 29	7 47 46	28°51'19	7♏51	17° 2	6° 0	27°52	29°55	27°38	26°43	24°22	3°51	14° 1	15°32	19°25	n.a.	S 29
M30	7 51 43	29°51'12	20°52	17°56	7°14	28° 4	0♒10	27°46	26°42	24°22	3°53	13°59	15°29	19°32	n.a.	M30
T 31	7 55 39	0♒51'04	3♐37	18♒42	8♒29	28♍15	0♒24	27♉53	26♉41	24♎23	3♒54	13♓55	15♓26	19♒39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s50	13s55	3s20	25s50	2s 0	24s48	0s58	6n41	2n36	22s44	0s57	22s49	1s13	19n55	0n 1	7s39	1n58	33s30	14s10	5s26	5s12	18s43			n.a.
M 2	23 49	19 12	4 6	25 50	2 0	24 49	1 0	6 33	2 37	22 41	0 57	22 48	1 13	19 55	0 1	7 40	1 58	33 29	14 10	5 29	5 14	18 40			n.a.
T 3	23 48	23 31	4 39	25 47	2 0	24 49	1 2	6 24	2 38	22 39	0 57	22 46	1 13	19 54	0 1	7 40	1 58	33 29	14 9	5 32	5 15	18 37			n.a.
W 4	23 47	26 38	4 57	25 43	1 59	24 48	1 3	6 16	2 39	22 36	0 57	22 45	1 13	19 54	0 1	7 40	1 58	33 28	14 9	5 36	5 16	18 34			n.a.
T 5	23 45	28 22	5 1	25 37	1 58	24 46	1 5	6 8	2 40	22 34	0 57	22 44	1 13	19 53	0 1	7 41	1 58	33 28	14 9	5 41	5 18	18 32			n.a.
F 6	23 42	28 39	4 50	25 29	1 57	24 44	1 6	6 0	2 41	22 31	0 57	22 43	1 13	19 53	0 1	7 41	1 58	33 27	14 9	5 47	5 19	18 29			n.a.
S 7	23 40	27 31	4 26	25 19	1 55	24 41	1 8	5 52	2 42	22 29	0 57	22 41	1 13	19 52	0 1	7 41	1 58	33 27	14 9	5 52	5 20	18 26			n.a.
S 8	23 36	25 5	3 50	25 6	1 52	24 37	1 9	5 44	2 43	22 26	0 57	22 40	1 13	19 52	0 1	7 42	1 58	33 26	14 9	5 56	5 21	18 23			n.a.
M 9	23 32	21 35	3 4	24 52	1 49	24 32	1 11	5 37	2 44	22 24	0 57	22 39	1 13	19 52	0 1	7 42	1 58	33 26	14 9	6 0	5 23	18 20			n.a.
T 10	23 28	17 15	2 10	24 35	1 45	24 27	1 12	5 29	2 45	22 21	0 57	22 37	1 13	19 51	0 1	7 42	1 58	33 25	14 9	6 2	5 24	18 18			n.a.
W11	23 23	12 17	1 11	24 16	1 41	24 21	1 13	5 22	2 46	22 18	0 57	22 36	1 13	19 51	0 1	7 43	1 58	33 25	14 8	6 3	5 25	18 15			n.a.
T 12	23 18	6 52	0 9	23 55	1 36	24 14	1 14	5 15	2 47	22 16	0 57	22 35	1 13	19 50	0 1	7 43	1 58	33 24	14 8	6 4	5 26	18 12			n.a.
F 13	23 12	1 11	0n54	23 32	1 30	24 6	1 16	5 8	2 48	22 13	0 57	22 33	1 13	19 50	0 1	7 43	1 58	33 24	14 8	6 3	5 28	18 9			n.a.
S 14	23 6	4n37	1 56	23 7	1 23	23 58	1 17	5 1	2 49	22 10	0 57	22 32	1 13	19 50	0 1	7 43	1 58	33 23	14 8	6 3	5 29	18 6			n.a.
S 15	23 0	10 23	2 54	22 39	1 16	23 49	1 18	4 54	2 50	22 7	0 57	22 31	1 13	19 49	0 1	7 43	1 58	33 23	14 8	6 3	5 30	18 4			n.a.
M16	22 53	15 54	3 45	22 10	1 8	23 39	1 19	4 48	2 51	22 5	0 57	22 29	1 13	19 49	0 1	7 44	1 59	33 22	14 8	6 4	5 31	18 1			n.a.
T 17	22 45	20 53	4 26	21 39	0 59	23 28	1 20	4 42	2 52	22 2	0 57	22 28	1 13	19 49	0 1	7 44	1 59	33 22	14 8	6 5	5 33	17 58			n.a.
W18	22 37	24 58	4 54	21 6	0 50	23 17	1 21	4 35	2 53	21 59	0 57	22 27	1 13	19 48	0 1	7 44	1 59	33 21	14 8	6 7	5 34	17 55			n.a.
T 19	22 29	27 45	5 6	20 32	0 40	23 5	1 21	4 29	2 54	21 56	0 57	22 25	1 13	19 48	0 1	7 44	1 59	33 21	14 8	6 10	5 35	17 52			n.a.
F 20	22 20	28 46	4 58	19 57	0 29	22 52	1 22	4 23	2 55	21 53	0 57	22 24	1 13	19 48	0 1	7 44	1 59	33 21	14 8	6 14	5 36	17 49			n.a.
S 21	22 11	27 46	4 31	19 20	0 17	22 39	1 23	4 18	2 55	21 51	0 58	22 22	1 13	19 47	0 1	7 44	1 59	33 20	14 8	6 17	5 38	17 46			n.a.
S 22	22 2	24 43	3 44	18 43	0 5	22 25	1 23	4 12	2 56	21 48	0 58	22 21	1 13	19 47	0 1	7 45	1 59	33 20	14 8	6 20	5 39	17 44			n.a.
M23	21 52	19 56	2 42	18 6	0n 8	22 10	1 24	4 7	2 57	21 45	0 58	22 20	1 14	19 47	0 1	7 45	1 59	33 19	14 8	6 22	5 40	17 41			n.a.
T 24	21 41	13 56	1 28	17 28	0 21	21 55	1 24	4 2	2 58	21 42	0 58	22 18	1 14	19 47	0 1	7 45	1 59	33 19	14 8	6 24	5 41	17 38			n.a.
W25	21 31	7 14	0 9	16 50	0 35	21 39	1 25	3 57	2 59	21 39	0 58	22 17	1 14	19 46	0 1	7 45	1 59	33 18	14 8	6 24	5 43	17 35			n.a.
T 26	21 19	0 17	1s 8	16 13	0 49	21 22	1 25	3 52	3 0	21 36	0 58	22 15	1 14	19 46	0 1	7 45	1 59	33 18	14 8	6 24	5 44	17 32			n.a.
F 27	21 8	6s28	2 20	15 38	1 4	21 5	1 26	3 47	3 1	21 33	0 58	22 14	1 14	19 46	0 1	7 45	1 59	33 17	14 8	6 24	5 45	17 29			n.a.
S 28	20 56	12 45	3 21	15 3	1 19	20 47	1 26	3 43	3 2	21 30	0 58	22 12	1 14	19 46	0 1	7 45	1 59	33 17	14 8	6 23	5 46	17 26			n.a.
S 29	20 44	18 17	4 10	14 30	1 34	20 28	1 26	3 39	3 3	21 27	0 58	22 11	1 14	19 46	0 1	7 45	1 59	33 17	14 8	6 23	5 48	17 23			n.a.
M30	20 31	22 50	4 44	13 59	1 48	20 9	1 26	3 35	3 4	21 24	0 58	22 10	1 14	19 45	0 1	7 45	1 59	33 16	14 8	6 24	5 49	17 21			n.a.
T 31	20s18	26s12	5s 4	13s31	2n 3	19s50	1s26	3n31	3n 5	21s21	0s58	22s 8	1s14	19n45	0n 1	7s45	2n 0	33s16	14s 8	6s26	5s50	17s18			n.a.

Julian Day Number = 1298463.5, Delta T = 07h52m36s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'34, Lahiri = -19°56'34 Julian Calendar 1 Jan. 1158 BCE == Greg. Calendar 21 Dec. 1159 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

FEBRUARY 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 59 36	1♒50'54	16♐ 8	19♒20	9♒43	28♍25	0♒39	28♋ 0	26°R41	24♎23	3♒56	13°R49	15♓23	19♒45	n.a.	W 1
T 2	8 3 33	2°50'42	28°27	19°50	10°58	28°36	0°53	28° 8	26♉40	24°23	3°57	13♓41	15°19	19°52	n.a.	T 2
F 3	8 7 29	3°50'28	10♋36	20°11	12°13	28°45	1° 8	28°15	26°39	24°23	3°59	13°34	15°16	19°59	n.a.	F 3
S 4	8 11 26	4°50'12	22°38	20°23	13°27	28°54	1°22	28°23	26°39	24°23	4° 1	13°26	15°13	20° 5	n.a.	S 4
S 5	8 15 22	5°49'53	4♒33	20°R27	14°42	29° 2	1°37	28°30	26°38	24°R23	4° 2	13°20	15°10	20°12	n.a.	S 5
M 6	8 19 19	6°49'33	16°23	20°22	15°56	29°10	1°51	28°38	26°38	24°23	4° 4	13°15	15° 7	20°19	n.a.	M 6
T 7	8 23 15	7°49'10	28°11	20° 9	17°11	29°17	2° 5	28°45	26°38	24°23	4° 5	13°12	15° 4	20°25	n.a.	T 7
W 8	8 27 12	8°48'45	9♓58	19°48	18°25	29°23	2°20	28°52	26°37	24°23	4° 7	13°D11	15° 0	20°32	n.a.	W 8
T 9	8 31 8	9°48'18	21°48	19°20	19°40	29°28	2°34	29° 0	26°37	24°23	4° 9	13°11	14°57	20°39	n.a.	T 9
F 10	8 35 5	10°47'48	3♈43	18°45	20°54	29°33	2°49	29° 7	26°37	24°23	4°10	13°12	14°54	20°45	n.a.	F 10
S 11	8 39 1	11°47'16	15°48	18° 5	22° 8	29°38	3° 3	29°14	26°37	24°22	4°12	13°14	14°51	20°52	n.a.	S 11
S 12	8 42 58	12°46'42	28° 6	17°20	23°23	29°41	3°17	29°22	26°37	24°22	4°13	13°16	14°48	20°59	n.a.	S 12
M13	8 46 55	13°46'05	10♉44	16°31	24°37	29°44	3°32	29°29	26°37	24°22	4°15	13°R16	14°45	21° 5	n.a.	M13
T 14	8 50 51	14°45'26	23°44	15°40	25°52	29°46	3°46	29°36	26°D37	24°22	4°16	13°16	14°41	21°12	n.a.	T 14
W15	8 54 48	15°44'44	7♊10	14°47	27° 6	29°48	4° 0	29°43	26°37	24°21	4°18	13°15	14°38	21°19	n.a.	W15
T 16	8 58 44	16°44'00	21° 5	13°54	28°20	29°49	4°15	29°51	26°37	24°21	4°20	13°12	14°35	21°25	n.a.	T 16
F 17	9 2 41	17°43'13	5♋27	13° 2	29°34	29°R49	4°29	29°58	26°37	24°21	4°21	13° 9	14°32	21°32	n.a.	F 17
S 18	9 6 37	18°42'24	20°14	12°11	0♓49	29°48	4°43	0♒ 5	26°37	24°20	4°23	13° 5	14°29	21°39	n.a.	S 18
S 19	9 10 34	19°41'33	5♌18	11°23	2° 3	29°47	4°57	0°12	26°37	24°20	4°24	13° 2	14°25	21°45	n.a.	S 19
M20	9 14 30	20°40'39	20°33	10°38	3°17	29°44	5°12	0°19	26°38	24°19	4°26	13° 0	14°22	21°52	n.a.	M20
T 21	9 18 27	21°39'43	5♍46	9°57	4°31	29°42	5°26	0°27	26°38	24°19	4°27	12°D59	14°19	21°59	n.a.	T 21
W22	9 22 24	22°38'45	20°49	9°21	5°45	29°38	5°40	0°34	26°38	24°18	4°29	12°59	14°16	22° 5	n.a.	W22
T 23	9 26 20	23°37'45	5♎34	8°50	6°59	29°33	5°54	0°41	26°39	24°18	4°30	13° 0	14°13	22°12	n.a.	T 23
F 24	9 30 17	24°36'43	19°54	8°24	8°13	29°28	6° 8	0°48	26°39	24°17	4°32	13° 1	14°10	22°19	n.a.	F 24
S 25	9 34 13	25°35'39	3♏49	8° 4	9°27	29°22	6°22	0°55	26°40	24°17	4°33	13° 2	14° 6	22°25	n.a.	S 25
S 26	9 38 10	26°34'33	17°18	7°49	10°42	29°16	6°36	1° 2	26°41	24°16	4°35	13° 3	14° 3	22°32	n.a.	S 26
M27	9 42 6	27°33'26	0♐22	7°40	11°56	29° 8	6°50	1° 9	26°41	24°15	4°36	13°R 3	14° 0	22°38	n.a.	M27
T 28	9 46 3	28♒32'16	13♐ 5	7°D37	13♓10	29♍ 0	7♒ 4	1♒16	26♉42	24♎15	4♒38	13♓ 3	13♓57	22♒45	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 5	28s13	5s 9	13s 5	2n18	19s29	1s26	3n28	3n 5	21s17	0s58	22s 7	1s14	19n45	0n 1	7s45	2n 0	33s15	14s 8	6s28	5s51	17s15		n.a.
T 2	19 51	28 49	4 59	12 43	2 31	19 9	1 26	3 25	3 6	21 14	0 58	22 5	1 14	19 45	0 1	7 45	2 0	33 15	14 8	6 31	5 53	17 12		n.a.
F 3	19 37	27 59	4 36	12 24	2 45	18 47	1 26	3 21	3 7	21 11	0 58	22 4	1 14	19 45	0 1	7 45	2 0	33 15	14 8	6 34	5 54	17 9		n.a.
S 4	19 22	25 51	4 0	12 8	2 57	18 26	1 26	3 19	3 8	21 8	0 58	22 2	1 14	19 45	0 1	7 45	2 0	33 14	14 8	6 37	5 55	17 6		n.a.
S 5	19 7	22 35	3 15	11 56	3 9	18 3	1 26	3 16	3 9	21 5	0 58	22 1	1 14	19 45	0 1	7 45	2 0	33 14	14 8	6 39	5 56	17 3		n.a.
M 6	18 52	18 25	2 21	11 48	3 19	17 41	1 25	3 14	3 10	21 2	0 59	21 59	1 15	19 45	0 1	7 45	2 0	33 13	14 8	6 41	5 58	17 0		n.a.
T 7	18 37	13 34	1 21	11 43	3 28	17 17	1 25	3 12	3 10	20 58	0 59	21 58	1 15	19 44	0 1	7 45	2 0	33 13	14 8	6 42	5 59	16 57		n.a.
W 8	18 21	8 13	0 18	11 42	3 36	16 54	1 24	3 10	3 11	20 55	0 59	21 56	1 15	19 44	0 1	7 45	2 0	33 13	14 8	6 43	6 0	16 54		n.a.
T 9	18 5	2 35	0n47	11 45	3 42	16 29	1 24	3 8	3 12	20 52	0 59	21 55	1 15	19 44	0 1	7 45	2 0	33 12	14 8	6 43	6 1	16 51		n.a.
F 10	17 49	3n11	1 50	11 52	3 46	16 5	1 23	3 7	3 13	20 49	0 59	21 54	1 15	19 44	0 1	7 45	2 0	33 12	14 8	6 42	6 3	16 48		n.a.
S 11	17 32	8 55	2 49	12 2	3 49	15 40	1 23	3 6	3 13	20 45	0 59	21 52	1 15	19 44	0 1	7 44	2 0	33 12	14 8	6 42	6 4	16 45		n.a.
S 12	17 15	14 25	3 42	12 15	3 49	15 14	1 22	3 5	3 14	20 42	0 59	21 51	1 15	19 44	0 1	7 44	2 0	33 11	14 8	6 41	6 5	16 43		n.a.
M13	16 58	19 28	4 25	12 31	3 48	14 48	1 21	3 4	3 15	20 39	0 59	21 49	1 15	19 44	0 1	7 44	2 0	33 11	14 8	6 41	6 6	16 40		n.a.
T 14	16 41	23 47	4 56	12 49	3 45	14 22	1 20	3 4	3 15	20 35	0 59	21 48	1 15	19 44	0 1	7 44	2 0	33 11	14 8	6 41	6 8	16 37		n.a.
W15	16 23	27 0	5 12	13 10	3 40	13 55	1 20	3 4	3 16	20 32	0 59	21 46	1 15	19 44	0 1	7 44	2 0	33 10	14 8	6 41	6 9	16 34		n.a.
T 16	16 5	28 42	5 11	13 32	3 33	13 28	1 19	3 4	3 16	20 29	0 59	21 45	1 15	19 44	0 1	7 44	2 1	33 10	14 8	6 42	6 10	16 31		n.a.
F 17	15 46	28 34	4 51	13 55	3 25	13 1	1 18	3 5	3 17	20 25	1 0	21 43	1 16	19 44	0 1	7 43	2 1	33 10	14 8	6 44	6 11	16 28		n.a.
S 18	15 28	26 25	4 11	14 19	3 15	12 33	1 16	3 5	3 17	20 22	1 0	21 42	1 16	19 44	0 1	7 43	2 1	33 9	14 9	6 45	6 13	16 25		n.a.
S 19	15 9	22 22	3 13	14 43	3 4	12 5	1 15	3 6	3 18	20 18	1 0	21 40	1 16	19 44	0 1	7 43	2 1	33 9	14 9	6 46	6 14	16 22		n.a.
M20	14 50	16 47	2 1	15 7	2 51	11 37	1 14	3 8	3 18	20 15	1 0	21 39	1 16	19 45	0 1	7 43	2 1	33 9	14 9	6 47	6 15	16 19		n.a.
T 21	14 31	10 10	0 40	15 30	2 38	11 8	1 13	3 9	3 19	20 12	1 0	21 37	1 16	19 45	0 1	7 43	2 1	33 8	14 9	6 48	6 16	16 16		n.a.
W22	14 12	3 2	0s43	15 54	2 24	10 40	1 12	3 11	3 19	20 8	1 0	21 36	1 16	19 45	0 1	7 42	2 1	33 8	14 9	6 48	6 17	16 13		n.a.
T 23	13 52	4s 6	2 2	16 16	2 10	10 10	1 10	3 13	3 19	20 5	1 0	21 35	1 16	19 45	0 1	7 42	2 1	33 8	14 9	6 47	6 19	16 10		n.a.
F 24	13 32	10 50	3 10	16 37	1 55	9 41	1 9	3 15	3 19	20 1	1 0	21 33	1 16	19 45	0 1	7 42	2 1	33 8	14 9	6 47	6 20	16 7		n.a.
S 25	13 12	16 50	4 5	16 57	1 40	9 11	1 7	3 18	3 19	19 58	1 0	21 32	1 16	19 45	0 1	7 42	2 1	33 7	14 9	6 46	6 21	16 4		n.a.
S 26	12 52	21 49	4 45	17 15	1 25	8 41	1 6	3 21	3 20	19 54	1 1	21 30	1 17	19 45	0 1	7 41	2 1	33 7	14 10	6 46	6 22	16 1		n.a.
M27	12 31	25 35	5 9	17 32	1 10	8 11	1 4	3 24	3 20	19 51	1 1	21 29	1 17	19 46	0 1	7 41	2 1	33 7	14 10	6 46	6 24	15 58		n.a.
T 28	12s11	27s58	5s16	17s47	0n55	7s41	1s 3	3n27	3n20	19s47	1s 1	21s27	1s17	19n46	0n 1	7s41	2n 1	33s 7	14s10	6s46	6s25	15s55		n.a.

Julian Day Number = 1298494.5, Delta T = 07h52m35s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'30, Lahiri = -19°56'30 Julian Calendar 1 Feb. 1158 BCE == Greg. Calendar 21 Jan. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

MARCH 1158 BCE (-1157) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 49 59	29♒31'05	25♐30	7♒39	14♓23	28°R51	7♒18	1♒23	26♉43	24°R14	4♒39	13°R 1	13♓54	22♒52	n.a.	W 1
T 2	9 53 56	0♓29'52	7♑41	7°46	15°37	28♍41	7°32	1°29	26°44	24♎13	4°41	13♓ 0	13°51	22°58	n.a.	T 2
F 3	9 57 53	1°28'37	19°42	7°58	16°51	28°30	7°46	1°36	26°45	24°12	4°42	12°58	13°47	23° 5	n.a.	F 3
S 4	10 1 49	2°27'19	1♒36	8°15	18° 5	28°19	7°59	1°43	26°46	24°12	4°44	12°57	13°44	23°12	n.a.	S 4
S 5	10 5 46	3°26'00	13°25	8°37	19°19	28° 7	8°13	1°50	26°47	24°11	4°45	12°55	13°41	23°18	n.a.	S 5
M 6	10 9 42	4°24'39	25°12	9° 4	20°33	27°54	8°27	1°56	26°48	24°10	4°47	12°54	13°38	23°25	n.a.	M 6
T 7	10 13 39	5°23'16	7♓ 0	9°35	21°47	27°40	8°41	2° 3	26°49	24° 9	4°48	12°54	13°35	23°32	n.a.	T 7
W 8	10 17 35	6°21'51	18°51	10°10	23° 1	27°26	8°54	2°10	26°50	24° 8	4°49	12°D54	13°31	23°38	n.a.	W 8
T 9	10 21 32	7°20'23	0♈47	10°49	24°14	27°11	9° 8	2°16	26°51	24° 7	4°51	12°54	13°28	23°45	n.a.	T 9
F 10	10 25 28	8°18'54	12°50	11°32	25°28	26°56	9°21	2°23	26°52	24° 6	4°52	12°55	13°25	23°52	n.a.	F 10
S 11	10 29 25	9°17'22	25° 3	12°18	26°42	26°40	9°35	2°29	26°54	24° 5	4°53	12°55	13°22	23°58	n.a.	S 11
S 12	10 33 21	10°15'48	7♉29	13° 8	27°55	26°23	9°48	2°36	26°55	24° 4	4°55	12°55	13°19	24° 5	n.a.	S 12
M13	10 37 18	11°14'12	20°10	14° 1	29° 9	26° 5	10° 2	2°42	26°56	24° 3	4°56	12°56	13°16	24°12	n.a.	M13
T 14	10 41 15	12°12'34	3♊10	14°57	0♈23	25°48	10°15	2°48	26°58	24° 2	4°57	12°56	13°12	24°18	n.a.	T 14
W15	10 45 11	13°10'53	16°32	15°56	1°36	25°29	10°28	2°55	26°59	24° 1	4°59	12°56	13° 9	24°25	n.a.	W15
T 16	10 49 8	14° 9'10	0♋16	16°58	2°50	25°10	10°41	3° 1	27° 1	24° 0	5° 0	12°56	13° 6	24°32	n.a.	T 16
F 17	10 53 4	15° 7'25	14°25	18° 2	4° 3	24°51	10°55	3° 7	27° 3	23°58	5° 1	12°56	13° 3	24°38	n.a.	F 17
S 18	10 57 1	16° 5'38	28°56	19°10	5°17	24°31	11° 8	3°13	27° 4	23°57	5° 3	12°56	13° 0	24°45	n.a.	S 18
S 19	11 0 57	17° 3'49	13♌45	20°19	6°30	24°11	11°21	3°19	27° 6	23°56	5° 4	12°56	12°57	24°52	n.a.	S 19
M20	11 4 54	18° 1'57	28°47	21°31	7°43	23°51	11°34	3°25	27° 8	23°55	5° 5	12°57	12°53	24°58	n.a.	M20
T 21	11 8 50	19° 0'04	13♍54	22°46	8°57	23°30	11°47	3°31	27° 9	23°54	5° 6	12°R57	12°50	25° 5	n.a.	T 21
W22	11 12 47	19°58'08	28°56	24° 3	10°10	23° 9	11°59	3°37	27°11	23°52	5° 8	12°57	12°47	25°12	n.a.	W22
T 23	11 16 43	20°56'11	13♎46	25°22	11°23	22°47	12°12	3°43	27°13	23°51	5° 9	12°56	12°44	25°18	n.a.	T 23
F 24	11 20 40	21°54'12	28°15	26°43	12°37	22°26	12°25	3°49	27°15	23°50	5°10	12°55	12°41	25°25	n.a.	F 24
S 25	11 24 37	22°52'11	12♏20	28° 7	13°50	22° 4	12°38	3°55	27°17	23°49	5°11	12°54	12°37	25°31	n.a.	S 25
S 26	11 28 33	23°50'09	25°57	29°32	15° 3	21°43	12°50	4° 0	27°19	23°47	5°12	12°53	12°34	25°38	n.a.	S 26
M27	11 32 30	24°48'06	9♐ 8	1♓ 0	16°16	21°21	13° 3	4° 6	27°21	23°46	5°13	12°52	12°31	25°45	n.a.	M27
T 28	11 36 26	25°46'01	21°55	2°29	17°30	20°59	13°15	4°12	27°23	23°44	5°14	12°D51	12°28	25°51	n.a.	T 28
W29	11 40 23	26°43'55	4♑21	4° 1	18°43	20°38	13°28	4°17	27°25	23°43	5°15	12°52	12°25	25°58	n.a.	W29
T 30	11 44 19	27°41'47	16°31	5°35	19°56	20°16	13°40	4°23	27°28	23°42	5°17	12°52	12°22	26° 5	n.a.	T 30
F 31	11 48 16	28♓39'38	28♑29	7♓10	21♈ 9	19♍54	13♒52	4♒28	27♉30	23♎40	5♒18	12♓53	12♓18	26♒11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11s50	28s54	5s 9	18s 1	0n40	7s11	1s 1	3n31	3n20	19s44	1s 1	21s26	1s17	19n46	0n 1	7s40	2n 1	33s 6	14s10	6s47	6s26	15s52			n.a.
T 2	11 29	28 24	4 48	18 13	0 26	6 40	0 59	3 34	3 19	19 40	1 1	21 24	1 17	19 46	0 1	7 40	2 1	33 6	14 10	6 47	6 27	15 49			n.a.
F 3	11 8	26 33	4 14	18 23	0 12	6 9	0 57	3 39	3 19	19 37	1 1	21 23	1 17	19 46	0 1	7 40	2 1	33 6	14 10	6 48	6 29	15 46			n.a.
S 4	10 46	23 32	3 30	18 32	0s 2	5 38	0 55	3 43	3 19	19 33	1 1	21 22	1 17	19 47	0 1	7 39	2 1	33 6	14 11	6 48	6 30	15 43			n.a.
S 5	10 25	19 34	2 36	18 39	0 15	5 7	0 54	3 47	3 19	19 30	1 1	21 20	1 17	19 47	0 1	7 39	2 1	33 5	14 11	6 49	6 31	15 40			n.a.
M 6	10 3	14 51	1 37	18 43	0 27	4 36	0 52	3 52	3 18	19 26	1 2	21 19	1 18	19 47	0 1	7 39	2 2	33 5	14 11	6 49	6 32	15 37			n.a.
T 7	9 41	9 35	0 33	18 47	0 39	4 4	0 50	3 57	3 18	19 23	1 2	21 17	1 18	19 47	0 1	7 38	2 2	33 5	14 11	6 49	6 34	15 34			n.a.
W 8	9 19	3 59	0n33	18 48	0 51	3 33	0 48	4 3	3 17	19 19	1 2	21 16	1 18	19 48	0 1	7 38	2 2	33 5	14 11	6 49	6 35	15 31			n.a.
T 9	8 57	1n48	1 38	18 48	1 2	3 1	0 46	4 8	3 17	19 16	1 2	21 15	1 18	19 48	0 1	7 37	2 2	33 5	14 11	6 49	6 36	15 28			n.a.
F 10	8 35	7 35	2 39	18 46	1 12	2 30	0 43	4 14	3 16	19 12	1 2	21 13	1 18	19 48	0 1	7 37	2 2	33 5	14 12	6 49	6 37	15 25			n.a.
S 11	8 13	13 9	3 33	18 42	1 22	1 58	0 41	4 19	3 15	19 9	1 2	21 12	1 18	19 49	0 1	7 37	2 2	33 4	14 12	6 49	6 39	15 22			n.a.
S 12	7 51	18 18	4 19	18 36	1 31	1 26	0 39	4 25	3 14	19 5	1 2	21 11	1 18	19 49	0 1	7 36	2 2	33 4	14 12	6 49	6 40	15 19			n.a.
M13	7 28	22 46	4 53	18 29	1 39	0 54	0 37	4 31	3 13	19 2	1 3	21 9	1 19	19 49	0 1	7 36	2 2	33 4	14 12	6 49	6 41	15 16			n.a.
T 14	7 6	26 15	5 13	18 19	1 47	0 22	0 35	4 38	3 12	18 58	1 3	21 8	1 19	19 50	0 1	7 35	2 2	33 4	14 13	6 49	6 42	15 13			n.a.
W15	6 43	28 24	5 17	18 8	1 54	0n 9	0 32	4 44	3 11	18 55	1 3	21 6	1 19	19 50	0 1	7 35	2 2	33 4	14 13	6 49	6 44	15 10			n.a.
T 16	6 20	28 53	5 3	17 56	2 1	0 41	0 30	4 51	3 10	18 51	1 3	21 5	1 19	19 50	0 1	7 34	2 2	33 4	14 13	6 49	6 45	15 6			n.a.
F 17	5 57	27 32	4 31	17 41	2 7	1 13	0 28	4 57	3 8	18 48	1 3	21 4	1 19	19 51	0 1	7 34	2 2	33 4	14 13	6 49	6 46	15 3			n.a.
S 18	5 34	24 19	3 41	17 25	2 13	1 45	0 25	5 4	3 7	18 44	1 3	21 3	1 19	19 51	0 1	7 33	2 2	33 3	14 13	6 49	6 47	15 0			n.a.
S 19	5 11	19 27	2 35	17 7	2 18	2 17	0 23	5 11	3 5	18 41	1 4	21 1	1 19	19 51	0 1	7 33	2 2	33 3	14 14	6 48	6 48	14 57			n.a.
M20	4 48	13 18	1 18	16 48	2 22	2 48	0 20	5 17	3 4	18 37	1 4	21 0	1 20	19 52	0 1	7 32	2 2	33 3	14 14	6 48	6 50	14 54			n.a.
T 21	4 25	6 21	0s 5	16 27	2 26	3 20	0 18	5 24	3 2	18 34	1 4	20 59	1 20	19 52	0 1	7 32	2 2	33 3	14 14	6 48	6 51	14 51			n.a.
W22	4 2	0s55	1 28	16 4	2 29	3 52	0 15	5 31	3 0	18 30	1 4	20 57	1 20	19 53	0 1	7 31	2 2	33 3	14 14	6 48	6 52	14 48			n.a.
T 23	3 39	8 1	2 43	15 39	2 31	4 23	0 13	5 38	2 58	18 27	1 4	20 56	1 20	19 53	0 2	7 31	2 2	33 3	14 15	6 49	6 53	14 45			n.a.
F 24	3 16	14 32	3 46	15 13	2 33	4 54	0 10	5 45	2 56	18 23	1 4	20 55	1 20	19 54	0 2	7 30	2 2	33 3	14 15	6 49	6 55	14 42			n.a.
S 25	2 53	20 7	4 33	14 44	2 35	5 26	0 8	5 51	2 54	18 20	1 5	20 54	1 20	19 54	0 2	7 30	2 2	33 3	14 15	6 49	6 56	14 39			n.a.
S 26	2 29	24 28	5 3	14 15	2 36	5 57	0 5	5 58	2 52	18 16	1 5	20 53	1 21	19 55	0 2	7 29	2 2	33 3	14 16	6 50	6 57	14 36			n.a.
M27	2 6	27 23	5 16	13 43	2 36	6 28	0 2	6 5	2 50	18 13	1 5	20 51	1 21	19 55	0 2	7 29	2 2	33 3	14 16	6 50	6 58	14 33			n.a.
T 28	1 43	28 47	5 13	13 10	2 35	6 59	0n 0	6 11	2 48	18 9	1 5	20 50	1 21	19 56	0 2	7 28	2 2	33 3	14 16	6 50	7 0	14 30			n.a.
W29	1 19	28 41	4 55	12 35	2 35	7 30	0 3	6 18	2 45	18 6	1 5	20 49	1 21	19 56	0 2	7 28	2 2	33 3	14 16	6 50	7 1	14 26			n.a.
T 30	0 56	27 10	4 24	11 59	2 33	8 0	0 6	6 24	2 43	18 2	1 6	20 48	1 21	19 57	0 2	7 27	2 2	33 3	14 17	6 50	7 2	14 23			n.a.
F 31	0s32	24s26	3s42	11s21	2s31	8n31	0n 8	6n31	2n40	17s59	1s 6	20s47	1s21	19n57	0n 2	7s27	2n 3	33s 3	14s17	6s50	7s 3	14s20			n.a.

Julian Day Number = 1298522.5, Delta T = 07h52m33s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'26, Lahiri = -19°56'26 Julian Calendar 1 March 1158 BCE == Greg. Calendar 18 Feb. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

APRIL 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 12	29♓37'28	10♒19	8♓48	22♈22	19°R33	14♒ 4	4♒33	27♉32	23°R39	5♒19	12♓55	12♓15	26♒18	n.a.	S 1
S 2	11 56 9	0♈35'16	22° 6	10°28	23°35	19♍12	14°16	4°39	27°34	23♎37	5°20	12°56	12°12	26°25	n.a.	S 2
M 3	12 0 6	1°33'02	3♓54	12° 9	24°48	18°51	14°28	4°44	27°37	23°36	5°21	12°57	12° 9	26°31	n.a.	M 3
T 4	12 4 2	2°30'47	15°45	13°53	26° 1	18°31	14°40	4°49	27°39	23°34	5°22	12°R57	12° 6	26°38	n.a.	T 4
W 5	12 7 59	3°28'31	27°42	15°38	27°14	18°10	14°52	4°54	27°41	23°33	5°23	12°57	12° 2	26°45	n.a.	W 5
T 6	12 11 55	4°26'13	9♈48	17°26	28°26	17°51	15° 4	4°59	27°44	23°31	5°24	12°55	11°59	26°51	n.a.	T 6
F 7	12 15 52	5°23'54	22° 5	19°15	29°39	17°31	15°16	5° 4	27°46	23°30	5°24	12°52	11°56	26°58	n.a.	F 7
S 8	12 19 48	6°21'33	4♉32	21° 7	0♉52	17°13	15°27	5° 9	27°49	23°28	5°25	12°49	11°53	27° 5	n.a.	S 8
S 9	12 23 45	7°19'11	17°13	23° 0	2° 5	16°54	15°39	5°13	27°52	23°27	5°26	12°45	11°50	27°11	n.a.	S 9
M10	12 27 41	8°16'47	0♊ 7	24°56	3°18	16°36	15°50	5°18	27°54	23°25	5°27	12°41	11°47	27°18	n.a.	M10
T 11	12 31 38	9°14'21	13°17	26°53	4°30	16°19	16° 1	5°23	27°57	23°24	5°28	12°38	11°43	27°25	n.a.	T 11
W12	12 35 35	10°11'54	26°42	28°52	5°43	16° 3	16°13	5°27	27°59	23°22	5°29	12°36	11°40	27°31	n.a.	W12
T 13	12 39 31	11° 9'26	10♋23	0♈53	6°55	15°47	16°24	5°32	28° 2	23°21	5°30	12°D36	11°37	27°38	n.a.	T 13
F 14	12 43 28	12° 6'55	24°22	2°56	8° 8	15°31	16°35	5°36	28° 5	23°19	5°30	12°36	11°34	27°45	n.a.	F 14
S 15	12 47 24	13° 4'24	8♌37	5° 0	9°21	15°17	16°46	5°40	28° 8	23°18	5°31	12°37	11°31	27°51	n.a.	S 15
S 16	12 51 21	14° 1'50	23° 6	7° 6	10°33	15° 3	16°57	5°45	28°11	23°16	5°32	12°39	11°28	27°58	n.a.	S 16
M17	12 55 17	14°59'15	7♍47	9°14	11°45	14°50	17° 7	5°49	28°13	23°14	5°33	12°R40	11°24	28° 4	n.a.	M17
T 18	12 59 14	15°56'39	22°34	11°22	12°58	14°38	17°18	5°53	28°16	23°13	5°33	12°39	11°21	28°11	n.a.	T 18
W19	13 3 10	16°54'01	7♎20	13°32	14°10	14°26	17°28	5°57	28°19	23°11	5°34	12°38	11°18	28°18	n.a.	W19
T 20	13 7 7	17°51'22	21°59	15°43	15°23	14°15	17°39	6° 1	28°22	23°10	5°35	12°34	11°15	28°24	n.a.	T 20
F 21	13 11 4	18°48'43	6♏23	17°54	16°35	14° 5	17°49	6° 5	28°25	23° 8	5°35	12°29	11°12	28°31	n.a.	F 21
S 22	13 15 0	19°46'02	20°27	20° 5	17°47	13°56	17°59	6° 8	28°28	23° 6	5°36	12°24	11° 8	28°38	n.a.	S 22
S 23	13 18 57	20°43'20	4♐ 7	22°17	18°59	13°47	18°10	6°12	28°31	23° 5	5°36	12°18	11° 5	28°44	n.a.	S 23
M24	13 22 53	21°40'38	17°21	24°28	20°11	13°40	18°20	6°16	28°34	23° 3	5°37	12°13	11° 2	28°51	n.a.	M24
T 25	13 26 50	22°37'55	0♑12	26°39	21°23	13°33	18°29	6°19	28°37	23° 1	5°37	12° 9	10°59	28°58	n.a.	T 25
W26	13 30 46	23°35'12	12°40	28°49	22°36	13°27	18°39	6°22	28°40	23° 0	5°38	12° 7	10°56	29° 4	n.a.	W26
T 27	13 34 43	24°32'27	24°51	0♉59	23°48	13°22	18°49	6°26	28°43	22°58	5°38	12°D 6	10°53	29°11	n.a.	T 27
F 28	13 38 39	25°29'42	6♒49	3° 7	25° 0	13°17	18°58	6°29	28°47	22°57	5°39	12° 7	10°49	29°18	n.a.	F 28
S 29	13 42 36	26°26'57	18°39	5°13	26°12	13°14	19° 8	6°32	28°50	22°55	5°39	12° 8	10°46	29°24	n.a.	S 29
S 30	13 46 33	27♈24'10	0♓27	7♉18	27♉23	13♍11	19♒17	6♒35	28♉53	22♎53	5♒40	12♓ 9	10♓43	29♒31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 9	20s41	2s51	10s41	2s28	9n 1	0n11	6n37	2n38	17s56	1s 6	20s46	1s22	19n58	0n 2	7s26	2n 3	33s 3	14s17	6s49	7s 5	14s17		n.a.
S 2	0n14	16 9	1 53	10 0	2 25	9 31	0 14	6 43	2 35	17 52	1 6	20 44	1 22	19 58	0 2	7 25	2 3	33 3	14 18	6 49	7 6	14 14		n.a.
M 3	0 38	11 1	0 50	9 17	2 21	10 1	0 16	6 48	2 32	17 49	1 6	20 43	1 22	19 59	0 2	7 25	2 3	33 3	14 18	6 48	7 7	14 11		n.a.
T 4	1 1	5 28	0n15	8 32	2 17	10 30	0 19	6 54	2 29	17 46	1 6	20 42	1 22	19 59	0 2	7 24	2 3	33 3	14 18	6 48	7 8	14 8		n.a.
W 5	1 24	0n18	1 21	7 46	2 12	11 0	0 22	7 0	2 27	17 42	1 7	20 41	1 22	20 0	0 2	7 24	2 3	33 3	14 18	6 48	7 9	14 5		n.a.
T 6	1 47	6 8	2 23	6 59	2 7	11 29	0 25	7 5	2 24	17 39	1 7	20 40	1 23	20 0	0 2	7 23	2 3	33 3	14 19	6 49	7 11	14 2		n.a.
F 7	2 11	11 48	3 19	6 10	2 1	11 57	0 27	7 10	2 21	17 36	1 7	20 39	1 23	20 1	0 2	7 23	2 3	33 3	14 19	6 50	7 12	13 59		n.a.
S 8	2 34	17 7	4 7	5 19	1 54	12 26	0 30	7 14	2 18	17 32	1 7	20 38	1 23	20 2	0 2	7 22	2 3	33 3	14 19	6 52	7 13	13 55		n.a.
S 9	2 57	21 46	4 43	4 27	1 47	12 54	0 33	7 19	2 15	17 29	1 8	20 37	1 23	20 2	0 2	7 21	2 3	33 3	14 20	6 53	7 14	13 52		n.a.
M10	3 20	25 30	5 6	3 34	1 40	13 22	0 35	7 23	2 12	17 26	1 8	20 36	1 23	20 3	0 2	7 21	2 3	33 3	14 20	6 54	7 16	13 49		n.a.
T 11	3 43	27 57	5 14	2 39	1 32	13 50	0 38	7 27	2 8	17 23	1 8	20 35	1 23	20 3	0 2	7 20	2 3	33 3	14 20	6 56	7 17	13 46		n.a.
W12	4 6	28 52	5 4	1 43	1 23	14 17	0 41	7 31	2 5	17 19	1 8	20 34	1 24	20 4	0 2	7 20	2 3	33 3	14 21	6 56	7 18	13 43		n.a.
T 13	4 29	28 2	4 38	0 46	1 14	14 44	0 43	7 34	2 2	17 16	1 8	20 33	1 24	20 5	0 2	7 19	2 3	33 3	14 21	6 57	7 19	13 40		n.a.
F 14	4 52	25 26	3 54	0n12	1 5	15 10	0 46	7 37	1 59	17 13	1 9	20 32	1 24	20 5	0 2	7 18	2 3	33 4	14 21	6 56	7 21	13 37		n.a.
S 15	5 15	21 14	2 56	1 11	0 55	15 37	0 49	7 40	1 56	17 10	1 9	20 31	1 24	20 6	0 2	7 18	2 3	33 4	14 22	6 56	7 22	13 33		n.a.
S 16	5 37	15 41	1 45	2 10	0 46	16 2	0 51	7 42	1 53	17 7	1 9	20 31	1 24	20 7	0 2	7 17	2 3	33 4	14 22	6 55	7 23	13 30		n.a.
M17	6 0	9 12	0 27	3 10	0 35	16 28	0 54	7 45	1 49	17 4	1 9	20 30	1 25	20 7	0 2	7 17	2 3	33 4	14 22	6 55	7 24	13 27		n.a.
T 18	6 22	2 11	0s54	4 11	0 25	16 53	0 56	7 47	1 46	17 0	1 10	20 29	1 25	20 8	0 2	7 16	2 3	33 4	14 23	6 55	7 25	13 24		n.a.
W19	6 45	4s57	2 11	5 12	0 15	17 17	0 59	7 48	1 43	16 57	1 10	20 28	1 25	20 9	0 2	7 15	2 3	33 4	14 23	6 56	7 27	13 21		n.a.
T 20	7 7	11 45	3 18	6 13	0 4	17 41	1 1	7 49	1 40	16 54	1 10	20 27	1 25	20 9	0 2	7 15	2 3	33 4	14 23	6 57	7 28	13 18		n.a.
F 21	7 29	17 49	4 12	7 14	0n 7	18 5	1 4	7 50	1 36	16 51	1 10	20 27	1 26	20 10	0 2	7 14	2 3	33 5	14 24	6 59	7 29	13 15		n.a.
S 22	7 51	22 47	4 48	8 14	0 17	18 28	1 6	7 51	1 33	16 48	1 10	20 26	1 26	20 11	0 2	7 14	2 3	33 5	14 24	7 1	7 30	13 11		n.a.
S 23	8 13	26 21	5 8	9 14	0 27	18 51	1 9	7 51	1 30	16 45	1 11	20 25	1 26	20 11	0 2	7 13	2 3	33 5	14 24	7 3	7 32	13 8		n.a.
M24	8 35	28 21	5 9	10 13	0 38	19 13	1 11	7 51	1 27	16 43	1 11	20 24	1 26	20 12	0 2	7 12	2 3	33 5	14 25	7 5	7 33	13 5		n.a.
T 25	8 57	28 46	4 56	11 11	0 47	19 35	1 13	7 51	1 23	16 40	1 11	20 24	1 26	20 13	0 2	7 12	2 3	33 5	14 25	7 7	7 34	13 2		n.a.
W26	9 18	27 40	4 28	12 7	0 57	19 56	1 16	7 51	1 20	16 37	1 11	20 23	1 27	20 13	0 2	7 11	2 3	33 5	14 26	7 8	7 35	12 59		n.a.
T 27	9 40	25 15	3 49	13 2	1 6	20 17	1 18	7 50	1 17	16 34	1 12	20 22	1 27	20 14	0 2	7 11	2 3	33 6	14 26	7 8	7 36	12 56		n.a.
F 28	10 1	21 46	3 0	13 55	1 15	20 37	1 20	7 49	1 14	16 31	1 12	20 22	1 27	20 15	0 2	7 10	2 3	33 6	14 26	7 8	7 38	12 52		n.a.
S 29	10 22	17 27	2 4	14 47	1 23	20 57	1 22	7 47	1 11	16 28	1 12	20 21	1 27	20 15	0 2	7 9	2 3	33 6	14 27	7 7	7 39	12 49		n.a.
S 30	10n43	12s29	1s 3	15n36	1n31	21n16	1n24	7n45	1n 8	16s26	1s13	20s21	1s27	20n16	0n 2	7s 9	2n 3	33s 6	14s27	7s 7	7s40	12s46		n.a.

Julian Day Number = 1298553.5, Delta T = 07h52m32s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'22, Lahiri = -19°56'22 Julian Calendar 1 Apr. 1158 BCE == Greg. Calendar 21 March 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

MAY 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 50 29	28♈21'24	12♓16	9♉22	28♉35	13°R 9	19♒26	6♒38	28♉56	22°R52	5♒40	12°R10	10♓40	29♒38	n.a.	M 1
T 2	13 54 26	29°18'36	24°12	11°23	29°47	13♍ 8	19°35	6°41	28°59	22♎50	5°41	12♓ 9	10°37	29°44	n.a.	T 2
W 3	13 58 22	0♉15'48	6♈18	13°22	0♊59	13°D 7	19°44	6°44	29° 3	22°49	5°41	12° 6	10°33	29°51	n.a.	W 3
T 4	14 2 19	1°13'00	18°36	15°19	2°11	13° 8	19°53	6°46	29° 6	22°47	5°41	12° 2	10°30	29°57	n.a.	T 4
F 5	14 6 15	2°10'11	1♉ 8	17°14	3°22	13° 9	20° 2	6°49	29° 9	22°45	5°42	11°55	10°27	0♓ 4	n.a.	F 5
S 6	14 10 12	3° 7'21	13°55	19° 7	4°34	13°11	20°10	6°51	29°13	22°44	5°42	11°46	10°24	0°11	n.a.	S 6
S 7	14 14 8	4° 4'31	26°56	20°57	5°46	13°14	20°19	6°54	29°16	22°42	5°42	11°37	10°21	0°17	n.a.	S 7
M 8	14 18 5	5° 1'41	10♊11	22°45	6°57	13°18	20°27	6°56	29°19	22°41	5°42	11°29	10°18	0°24	n.a.	M 8
T 9	14 22 2	5°58'49	23°38	24°31	8° 9	13°23	20°35	6°58	29°23	22°39	5°43	11°21	10°14	0°31	n.a.	T 9
W10	14 25 58	6°55'57	7♋17	26°14	9°20	13°28	20°43	7° 0	29°26	22°37	5°43	11°16	10°11	0°37	n.a.	W10
T 11	14 29 55	7°53'04	21° 6	27°55	10°31	13°34	20°51	7° 2	29°30	22°36	5°43	11°12	10° 8	0°44	n.a.	T 11
F 12	14 33 51	8°50'11	5♌ 4	29°33	11°43	13°41	20°59	7° 4	29°33	22°34	5°43	11°D11	10° 5	0°51	n.a.	F 12
S 13	14 37 48	9°47'17	19°10	1♊ 9	12°54	13°48	21° 6	7° 6	29°36	22°33	5°43	11°11	10° 2	0°57	n.a.	S 13
S 14	14 41 44	10°44'22	3♍23	2°42	14° 5	13°57	21°14	7° 8	29°40	22°31	5°43	11°12	9°59	1° 4	n.a.	S 14
M15	14 45 41	11°41'26	17°43	4°13	15°16	14° 6	21°21	7° 9	29°43	22°30	5°43	11°R12	9°55	1°11	n.a.	M15
T 16	14 49 38	12°38'30	2♎ 6	5°41	16°28	14°15	21°28	7°11	29°47	22°28	5°43	11°10	9°52	1°17	n.a.	T 16
W17	14 53 34	13°35'34	16°28	7° 7	17°39	14°26	21°35	7°12	29°50	22°27	5°44	11° 6	9°49	1°24	n.a.	W17
T 18	14 57 31	14°32'37	0♏45	8°30	18°50	14°37	21°42	7°14	29°54	22°25	5°R44	11° 0	9°46	1°31	n.a.	T 18
F 19	15 1 27	15°29'40	14°51	9°51	20° 1	14°49	21°49	7°15	29°58	22°24	5°43	10°51	9°43	1°37	n.a.	F 19
S 20	15 5 24	16°26'43	28°42	11° 9	21°11	15° 1	21°55	7°16	0♊ 1	22°22	5°43	10°41	9°39	1°44	n.a.	S 20
S 21	15 9 20	17°23'46	12♐13	12°24	22°22	15°14	22° 2	7°17	0° 5	22°21	5°43	10°31	9°36	1°50	n.a.	S 21
M22	15 13 17	18°20'49	25°23	13°37	23°33	15°28	22° 8	7°18	0° 8	22°20	5°43	10°21	9°33	1°57	n.a.	M22
T 23	15 17 13	19°17'52	8♑12	14°47	24°44	15°42	22°14	7°19	0°12	22°18	5°43	10°13	9°30	2° 4	n.a.	T 23
W24	15 21 10	20°14'55	20°40	15°54	25°54	15°57	22°20	7°20	0°15	22°17	5°43	10° 7	9°27	2°10	n.a.	W24
T 25	15 25 7	21°11'59	2♒51	16°58	27° 5	16°12	22°26	7°20	0°19	22°15	5°43	10° 3	9°24	2°17	n.a.	T 25
F 26	15 29 3	22° 9'03	14°49	17°58	28°15	16°28	22°31	7°21	0°23	22°14	5°43	10° 2	9°20	2°24	n.a.	F 26
S 27	15 33 0	23° 6'07	26°40	18°56	29°26	16°45	22°37	7°21	0°26	22°13	5°43	10°D 1	9°17	2°30	n.a.	S 27
S 28	15 36 56	24° 3'11	8♓28	19°51	0♋36	17° 2	22°42	7°22	0°30	22°11	5°42	10°R 2	9°14	2°37	n.a.	S 28
M29	15 40 53	25° 0'16	20°20	20°42	1°47	17°20	22°47	7°22	0°33	22°10	5°42	10° 1	9°11	2°44	n.a.	M29
T 30	15 44 49	25°57'22	2♈20	21°30	2°57	17°38	22°52	7°22	0°37	22° 9	5°42	9°59	9° 8	2°50	n.a.	T 30
W31	15 48 46	26♉54'28	14♈32	22♊14	4♋ 7	17♍57	22♒57	7°R22	0♊41	22♎ 8	5♒41	9♓55	9♓ 5	2♓57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n 4	7s 4	0n 1	16n23	1n38	21n35	1n26	7n43	1n 5	16s23	1s13	20s20	1s28	20n17	0n 2	7s 8	2n 3	33s 7	14s27	7s 7	7s41	12s43			n.a.
T 2	11 25	1 21	1 5	17 8	1 44	21 53	1 28	7 41	1 2	16 20	1 13	20 20	1 28	20 18	0 2	7 8	2 3	33 7	14 28	7 7	7 43	12 40			n.a.
W 3	11 45	4n28	2 7	17 51	1 50	22 10	1 30	7 38	0 59	16 18	1 13	20 19	1 28	20 18	0 2	7 7	2 3	33 7	14 28	7 8	7 44	12 36			n.a.
T 4	12 5	10 14	3 4	18 31	1 55	22 27	1 32	7 35	0 56	16 15	1 14	20 19	1 28	20 19	0 2	7 6	2 3	33 7	14 28	7 10	7 45	12 33			n.a.
F 5	12 25	15 41	3 53	19 10	1 59	22 43	1 34	7 32	0 53	16 13	1 14	20 18	1 29	20 20	0 2	7 6	2 3	33 8	14 29	7 12	7 46	12 30			n.a.
S 6	12 45	20 35	4 31	19 45	2 3	22 59	1 36	7 29	0 50	16 10	1 14	20 18	1 29	20 21	0 2	7 5	2 3	33 8	14 29	7 16	7 47	12 27			n.a.
S 7	13 5	24 35	4 56	20 19	2 6	23 14	1 38	7 25	0 47	16 8	1 14	20 17	1 29	20 21	0 2	7 5	2 3	33 8	14 30	7 19	7 49	12 24			n.a.
M 8	13 25	27 23	5 6	20 49	2 8	23 28	1 40	7 21	0 44	16 5	1 15	20 17	1 29	20 22	0 2	7 4	2 3	33 8	14 30	7 22	7 50	12 20			n.a.
T 9	13 44	28 39	4 59	21 18	2 9	23 42	1 41	7 16	0 41	16 3	1 15	20 17	1 29	20 23	0 2	7 4	2 3	33 9	14 30	7 25	7 51	12 17			n.a.
W10	14 3	28 13	4 35	21 44	2 10	23 55	1 43	7 12	0 38	16 1	1 15	20 16	1 30	20 24	0 2	7 3	2 3	33 9	14 31	7 28	7 52	12 14			n.a.
T 11	14 22	26 1	3 55	22 8	2 10	24 7	1 44	7 7	0 36	15 58	1 16	20 16	1 30	20 24	0 2	7 2	2 3	33 9	14 31	7 29	7 54	12 11			n.a.
F 12	14 41	22 14	3 1	22 30	2 10	24 19	1 46	7 1	0 33	15 56	1 16	20 16	1 30	20 25	0 2	7 2	2 3	33 10	14 31	7 29	7 55	12 8			n.a.
S 13	14 59	17 9	1 55	22 49	2 9	24 30	1 47	6 56	0 30	15 54	1 16	20 15	1 30	20 26	0 2	7 1	2 3	33 10	14 32	7 29	7 56	12 4			n.a.
S 14	15 17	11 4	0 42	23 7	2 7	24 40	1 48	6 50	0 28	15 52	1 16	20 15	1 31	20 27	0 2	7 1	2 3	33 10	14 32	7 29	7 57	12 1			n.a.
M15	15 35	4 24	0s35	23 22	2 4	24 49	1 50	6 44	0 25	15 50	1 17	20 15	1 31	20 27	0 2	7 0	2 3	33 11	14 33	7 29	7 58	11 58			n.a.
T 16	15 53	2s31	1 49	23 35	2 1	24 58	1 51	6 38	0 22	15 48	1 17	20 15	1 31	20 28	0 2	7 0	2 3	33 11	14 33	7 30	8 0	11 55			n.a.
W17	16 11	9 17	2 57	23 47	1 57	25 6	1 52	6 32	0 20	15 45	1 17	20 15	1 31	20 29	0 2	6 59	2 2	33 11	14 33	7 31	8 1	11 51			n.a.
T 18	16 28	15 32	3 52	23 56	1 52	25 14	1 53	6 25	0 17	15 44	1 18	20 15	1 32	20 30	0 2	6 59	2 2	33 12	14 34	7 34	8 2	11 48			n.a.
F 19	16 45	20 54	4 33	24 4	1 47	25 21	1 54	6 18	0 15	15 42	1 18	20 14	1 32	20 31	0 2	6 58	2 2	33 12	14 34	7 37	8 3	11 45			n.a.
S 20	17 2	25 1	4 57	24 9	1 41	25 27	1 55	6 11	0 12	15 40	1 18	20 14	1 32	20 31	0 2	6 58	2 2	33 12	14 34	7 41	8 5	11 42			n.a.
S 21	17 18	27 38	5 3	24 13	1 35	25 32	1 56	6 4	0 10	15 38	1 18	20 14	1 32	20 32	0 2	6 57	2 2	33 13	14 35	7 45	8 6	11 39			n.a.
M22	17 34	28 38	4 53	24 16	1 28	25 37	1 56	5 56	0 7	15 36	1 19	20 14	1 32	20 33	0 2	6 57	2 2	33 13	14 35	7 49	8 7	11 35			n.a.
T 23	17 50	28 2	4 28	24 16	1 20	25 41	1 57	5 48	0 5	15 34	1 19	20 14	1 33	20 34	0 2	6 56	2 2	33 14	14 35	7 52	8 8	11 32			n.a.
W24	18 6	26 1	3 51	24 16	1 12	25 44	1 58	5 40	0 3	15 33	1 19	20 14	1 33	20 34	0 2	6 56	2 2	33 14	14 36	7 54	8 9	11 29			n.a.
T 25	18 21	22 50	3 4	24 13	1 3	25 46	1 58	5 32	0 1	15 31	1 20	20 14	1 33	20 35	0 2	6 55	2 2	33 14	14 36	7 55	8 11	11 26			n.a.
F 26	18 36	18 43	2 10	24 10	0 53	25 48	1 58	5 24	0s 2	15 30	1 20	20 15	1 33	20 36	0 2	6 55	2 2	33 15	14 37	7 56	8 12	11 22			n.a.
S 27	18 51	13 56	1 10	24 5	0 43	25 49	1 59	5 15	0 4	15 28	1 20	20 15	1 34	20 37	0 2	6 54	2 2	33 15	14 37	7 56	8 13	11 19			n.a.
S 28	19 6	8 39	0 8	23 59	0 33	25 49	1 59	5 6	0 6	15 27	1 21	20 15	1 34	20 38	0 2	6 54	2 2	33 15	14 37	7 56	8 14	11 16			n.a.
M29	19 20	3 4	0n55	23 52	0 22	25 48	1 59	4 57	0 8	15 25	1 21	20 15	1 34	20 38	0 2	6 53	2 2	33 16	14 38	7 56	8 15	11 13			n.a.
T 30	19 34	2n42	1 55	23 43	0 10	25 47	1 59	4 48	0 10	15 24	1 21	20 15	1 34	20 39	0 2	6 53	2 2	33 16	14 38	7 57	8 17	11 9			n.a.
W31	19n47	8n27	2n52	23n34	0s 2	25n45	1n59	4n39	0s12	15s23	1s22	20s15	1s35	20n40	0n 2	6s52	2n 2	33s17	14s38	7s59	8s18	11s 6			n.a.

Julian Day Number = 1298583.5, Delta T = 07h52m30s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'18, Lahiri = -19°56'18 Julian Calendar 1 May 1158 BCE == Greg. Calendar 20 Apr. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

JUNE 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 42	27♉51'34	27♈ 0	22♊54	5♋17	18♍17	23♒ 1	7°R22	0♊44	22°R 6	5°R41	9°R48	9♓ 1	3♓ 4	n.a.	T 1
F 2	15 56 39	28°48'41	9♉47	23°31	6°27	18°37	23° 6	7♒22	0°48	22♎ 5	5♒41	9♓39	8°58	3°10	n.a.	F 2
S 3	16 0 36	29°45'48	22°52	24° 4	7°37	18°57	23°10	7°21	0°52	22° 4	5°40	9°28	8°55	3°17	n.a.	S 3
S 4	16 4 32	0♊42'56	6♊16	24°32	8°47	19°18	23°14	7°21	0°55	22° 3	5°40	9°16	8°52	3°24	n.a.	S 4
M 5	16 8 29	1°40'05	19°55	24°56	9°57	19°39	23°18	7°20	0°59	22° 2	5°40	9° 4	8°49	3°30	n.a.	M 5
T 6	16 12 25	2°37'13	3♋47	25°16	11° 7	20° 1	23°22	7°20	1° 2	22° 0	5°39	8°54	8°45	3°37	n.a.	T 6
W 7	16 16 22	3°34'22	17°47	25°31	12°16	20°24	23°25	7°19	1° 6	21°59	5°39	8°46	8°42	3°43	n.a.	W 7
T 8	16 20 18	4°31'32	1♌53	25°42	13°26	20°47	23°29	7°18	1°10	21°58	5°38	8°41	8°39	3°50	n.a.	T 8
F 9	16 24 15	5°28'41	16° 0	25°48	14°35	21°10	23°32	7°17	1°13	21°57	5°38	8°38	8°36	3°57	n.a.	F 9
S 10	16 28 12	6°25'51	0♍ 9	25°R49	15°45	21°34	23°35	7°17	1°17	21°56	5°37	8°37	8°33	4° 3	n.a.	S 10
S 11	16 32 8	7°23'01	14°16	25°45	16°54	21°58	23°37	7°15	1°21	21°55	5°37	8°37	8°30	4°10	n.a.	S 11
M12	16 36 5	8°20'11	28°22	25°36	18° 3	22°23	23°40	7°14	1°24	21°54	5°36	8°37	8°26	4°17	n.a.	M12
T 13	16 40 1	9°17'22	12♎25	25°23	19°13	22°48	23°42	7°13	1°28	21°53	5°36	8°34	8°23	4°23	n.a.	T 13
W14	16 43 58	10°14'33	26°23	25° 4	20°22	23°13	23°45	7°12	1°31	21°52	5°35	8°29	8°20	4°30	n.a.	W14
T 15	16 47 54	11°11'45	10♏15	24°41	21°31	23°39	23°47	7°10	1°35	21°51	5°34	8°21	8°17	4°37	n.a.	T 15
F 16	16 51 51	12° 8'57	23°57	24°14	22°39	24° 5	23°49	7° 8	1°39	21°50	5°34	8°11	8°14	4°43	n.a.	F 16
S 17	16 55 48	13° 6'10	7♐26	23°42	23°48	24°32	23°50	7° 7	1°42	21°49	5°33	7°59	8°11	4°50	n.a.	S 17
S 18	16 59 44	14° 3'25	20°41	23° 7	24°57	24°59	23°52	7° 5	1°46	21°49	5°33	7°47	8° 7	4°57	n.a.	S 18
M19	17 3 41	15° 0'40	3♑38	22°29	26° 5	25°26	23°53	7° 3	1°49	21°48	5°32	7°35	8° 4	5° 3	n.a.	M19
T 20	17 7 37	15°57'56	16°17	21°48	27°14	25°54	23°54	7° 1	1°53	21°47	5°31	7°25	8° 1	5°10	n.a.	T 20
W21	17 11 34	16°55'13	28°40	21° 6	28°22	26°22	23°55	6°59	1°57	21°46	5°30	7°18	7°58	5°17	n.a.	W21
T 22	17 15 30	17°52'31	10♒47	20°22	29°30	26°51	23°56	6°57	2° 0	21°46	5°30	7°13	7°55	5°23	n.a.	T 22
F 23	17 19 27	18°49'50	22°44	19°37	0♌38	27°20	23°56	6°55	2° 4	21°45	5°29	7°10	7°51	5°30	n.a.	F 23
S 24	17 23 23	19°47'11	4♓34	18°53	1°46	27°49	23°56	6°53	2° 7	21°44	5°28	7°D10	7°48	5°36	n.a.	S 24
S 25	17 27 20	20°44'33	16°22	18°10	2°54	28°18	23°R56	6°50	2°11	21°44	5°27	7°R10	7°45	5°43	n.a.	S 25
M26	17 31 17	21°41'56	28°14	17°29	4° 2	28°48	23°56	6°48	2°14	21°43	5°26	7°10	7°42	5°50	n.a.	M26
T 27	17 35 13	22°39'20	10♈15	16°50	5°10	29°18	23°56	6°45	2°18	21°42	5°26	7° 8	7°39	5°56	n.a.	T 27
W28	17 39 10	23°36'46	22°30	16°15	6°17	29°49	23°55	6°42	2°21	21°42	5°25	7° 5	7°36	6° 3	n.a.	W28
T 29	17 43 6	24°34'14	5♉ 4	15°44	7°25	0♎19	23°55	6°40	2°24	21°41	5°24	6°59	7°32	6°10	n.a.	T 29
F 30	17 47 3	25♊31'43	18♉ 0	15♊18	8♌32	0♎50	23♒54	6♒37	2♊28	21♎41	5♒23	6♓51	7♓29	6♓16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 1	14n 0	3n42	23n24	0s15	25n42	1n59	4n29	0s14	15s21	1s22	20s16	1s35	20n41	0n 2	6s52	2n 2	33s17	14s39	8s 1	8s19	11s 3		n.a.
F 2	20 13	19 6	4 21	23 13	0 28	25 39	1 59	4 20	0 17	15 20	1 22	20 16	1 35	20 41	0 2	6 51	2 2	33 18	14 39	8 5	8 20	11 0		n.a.
S 3	20 26	23 26	4 48	23 1	0 41	25 35	1 58	4 10	0 19	15 19	1 23	20 16	1 35	20 42	0 2	6 51	2 2	33 18	14 39	8 9	8 22	10 56		n.a.
S 4	20 38	26 38	5 0	22 49	0 55	25 30	1 58	3 59	0 20	15 18	1 23	20 17	1 36	20 43	0 2	6 51	2 2	33 18	14 40	8 14	8 23	10 53		n.a.
M 5	20 50	28 21	4 55	22 35	1 9	25 24	1 57	3 49	0 22	15 17	1 23	20 17	1 36	20 44	0 2	6 50	2 2	33 19	14 40	8 18	8 24	10 50		n.a.
T 6	21 2	28 20	4 33	22 22	1 23	25 18	1 57	3 39	0 24	15 16	1 24	20 17	1 36	20 44	0 2	6 50	2 2	33 19	14 40	8 22	8 25	10 47		n.a.
W 7	21 13	26 30	3 54	22 8	1 38	25 11	1 56	3 28	0 26	15 15	1 24	20 18	1 36	20 45	0 2	6 50	2 2	33 20	14 41	8 25	8 26	10 43		n.a.
T 8	21 24	23 0	3 1	21 54	1 52	25 3	1 55	3 17	0 28	15 14	1 24	20 18	1 36	20 46	0 2	6 49	2 2	33 20	14 41	8 27	8 28	10 40		n.a.
F 9	21 34	18 9	1 57	21 39	2 7	24 55	1 54	3 6	0 30	15 14	1 25	20 19	1 37	20 47	0 2	6 49	2 2	33 21	14 41	8 28	8 29	10 37		n.a.
S 10	21 44	12 18	0 45	21 24	2 22	24 46	1 53	2 55	0 32	15 13	1 25	20 19	1 37	20 48	0 2	6 48	2 2	33 21	14 42	8 28	8 30	10 33		n.a.
S 11	21 54	5 50	0s30	21 10	2 36	24 36	1 52	2 44	0 33	15 12	1 25	20 20	1 37	20 48	0 2	6 48	2 1	33 22	14 42	8 28	8 31	10 30		n.a.
M12	22 4	0s54	1 42	20 55	2 51	24 25	1 51	2 32	0 35	15 12	1 26	20 20	1 37	20 49	0 2	6 48	2 1	33 22	14 42	8 29	8 32	10 27		n.a.
T 13	22 13	7 34	2 48	20 40	3 5	24 14	1 49	2 21	0 37	15 11	1 26	20 21	1 38	20 50	0 2	6 47	2 1	33 23	14 43	8 29	8 34	10 24		n.a.
W14	22 21	13 49	3 44	20 26	3 19	24 2	1 48	2 9	0 38	15 11	1 26	20 21	1 38	20 51	0 2	6 47	2 1	33 23	14 43	8 31	8 35	10 20		n.a.
T 15	22 29	19 19	4 26	20 12	3 32	23 50	1 46	1 57	0 40	15 11	1 27	20 22	1 38	20 51	0 2	6 47	2 1	33 23	14 43	8 34	8 36	10 17		n.a.
F 16	22 37	23 46	4 51	19 59	3 44	23 37	1 45	1 45	0 42	15 10	1 27	20 22	1 38	20 52	0 2	6 47	2 1	33 24	14 44	8 38	8 37	10 14		n.a.
S 17	22 45	26 51	5 0	19 46	3 55	23 23	1 43	1 33	0 43	15 10	1 27	20 23	1 39	20 53	0 2	6 46	2 1	33 24	14 44	8 43	8 38	10 10		n.a.
S 18	22 52	28 22	4 53	19 34	4 5	23 9	1 41	1 20	0 45	15 10	1 28	20 24	1 39	20 54	0 2	6 46	2 1	33 25	14 44	8 47	8 40	10 7		n.a.
M19	22 59	28 17	4 30	19 23	4 14	22 54	1 39	1 8	0 46	15 10	1 28	20 24	1 39	20 54	0 2	6 46	2 1	33 25	14 45	8 52	8 41	10 4		n.a.
T 20	23 5	26 43	3 55	19 13	4 22	22 39	1 37	0 55	0 48	15 10	1 28	20 25	1 39	20 55	0 2	6 46	2 1	33 26	14 45	8 55	8 42	10 1		n.a.
W21	23 11	23 51	3 9	19 4	4 28	22 23	1 35	0 43	0 49	15 10	1 29	20 26	1 39	20 56	0 2	6 45	2 1	33 26	14 45	8 58	8 43	9 57		n.a.
T 22	23 16	19 59	2 15	18 56	4 33	22 6	1 33	0 30	0 51	15 10	1 29	20 27	1 40	20 57	0 2	6 45	2 1	33 27	14 45	9 0	8 44	9 54		n.a.
F 23	23 21	15 21	1 16	18 50	4 36	21 49	1 30	0 17	0 52	15 10	1 29	20 27	1 40	20 57	0 2	6 45	2 1	33 27	14 46	9 1	8 46	9 51		n.a.
S 24	23 26	10 12	0 14	18 45	4 37	21 31	1 28	0 4	0 54	15 10	1 30	20 28	1 40	20 58	0 2	6 45	2 1	33 28	14 46	9 1	8 47	9 47		n.a.
S 25	23 30	4 43	0n49	18 42	4 37	21 13	1 25	0s 9	0 55	15 11	1 30	20 29	1 40	20 59	0 2	6 44	2 1	33 28	14 46	9 1	8 48	9 44		n.a.
M26	23 34	0n57	1 50	18 41	4 35	20 54	1 23	0 22	0 56	15 11	1 30	20 30	1 40	20 59	0 2	6 44	2 1	33 29	14 47	9 1	8 49	9 41		n.a.
T 27	23 38	6 40	2 46	18 41	4 31	20 35	1 20	0 36	0 58	15 11	1 31	20 31	1 41	21 0	0 2	6 44	2 1	33 29	14 47	9 2	8 50	9 37		n.a.
W28	23 41	12 14	3 36	18 43	4 25	20 15	1 17	0 49	0 59	15 12	1 31	20 32	1 41	21 1	0 2	6 44	2 0	33 30	14 47	9 3	8 52	9 34		n.a.
T 29	23 43	17 27	4 17	18 47	4 18	19 55	1 14	1 3	1 0	15 12	1 32	20 33	1 41	21 2	0 2	6 44	2 0	33 30	14 47	9 5	8 53	9 31		n.a.
F 30	23n45	22n 3	4n46	18n53	4s 9	19n34	1n11	1s17	1s 2	15s13	1s32	20s34	1s41	21n 2	0n 2	6s44	2n 0	33s31	14s48	9s 8	8s54	9s28		n.a.

Julian Day Number = 1298614.5, Delta T = 07h52m28s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'14, Lahiri = -19°56'13 Julian Calendar 1 June 1158 BCE == Greg. Calendar 21 May 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

JULY 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 59	26♊29'13	1♊18	14°R58	9♌39	1♎22	23°R53	6°R34	2♊31	21°R40	5°R22	6°R41	7♓26	6♓23	n.a.	S 1
S 2	17 54 56	27°26'45	14°59	14♊43	10°46	1°53	23♒51	6♒31	2°35	21♎40	5♒21	6♓31	7°23	6°30	n.a.	S 2
M 3	17 58 52	28°24'18	29° 0	14°34	11°53	2°25	23°50	6°28	2°38	21°39	5°20	6°20	7°20	6°36	n.a.	M 3
T 4	18 2 49	29°21'53	13♋17	14°D32	12°59	2°57	23°48	6°25	2°41	21°39	5°19	6°11	7°17	6°43	n.a.	T 4
W 5	18 6 46	0♋19'29	27°42	14°37	14° 6	3°30	23°46	6°21	2°45	21°39	5°18	6° 3	7°13	6°50	n.a.	W 5
T 6	18 10 42	1°17'06	12♌11	14°49	15°12	4° 3	23°44	6°18	2°48	21°38	5°17	5°59	7°10	6°56	n.a.	T 6
F 7	18 14 39	2°14'44	26°39	15° 8	16°19	4°36	23°42	6°15	2°51	21°38	5°16	5°57	7° 7	7° 3	n.a.	F 7
S 8	18 18 35	3°12'24	11♍ 0	15°34	17°25	5° 9	23°40	6°11	2°55	21°38	5°15	5°D57	7° 4	7°10	n.a.	S 8
S 9	18 22 32	4°10'04	25°13	16° 7	18°31	5°43	23°37	6° 8	2°58	21°38	5°14	5°57	7° 1	7°16	n.a.	S 9
M10	18 26 28	5° 7'46	9♎16	16°47	19°36	6°17	23°34	6° 4	3° 1	21°37	5°13	5°R57	6°57	7°23	n.a.	M10
T 11	18 30 25	6° 5'29	23° 8	17°34	20°42	6°51	23°31	6° 1	3° 4	21°37	5°12	5°56	6°54	7°29	n.a.	T 11
W12	18 34 21	7° 3'13	6♏49	18°28	21°47	7°25	23°28	5°57	3° 7	21°37	5°11	5°53	6°51	7°36	n.a.	W12
T 13	18 38 18	8° 0'58	20°19	19°29	22°53	7°59	23°24	5°53	3°11	21°37	5°10	5°47	6°48	7°43	n.a.	T 13
F 14	18 42 15	8°58'45	3♐38	20°36	23°58	8°34	23°21	5°49	3°14	21°37	5° 9	5°39	6°45	7°49	n.a.	F 14
S 15	18 46 11	9°56'34	16°44	21°49	25° 2	9° 9	23°17	5°45	3°17	21°D37	5° 8	5°30	6°42	7°56	n.a.	S 15
S 16	18 50 8	10°54'24	29°37	23° 8	26° 7	9°45	23°13	5°41	3°20	21°37	5° 7	5°20	6°38	8° 3	n.a.	S 16
M17	18 54 4	11°52'15	12♑16	24°32	27°11	10°20	23° 9	5°37	3°23	21°37	5° 6	5°11	6°35	8° 9	n.a.	M17
T 18	18 58 1	12°50'08	24°42	26° 1	28°15	10°56	23° 5	5°33	3°26	21°37	5° 5	5° 3	6°32	8°16	n.a.	T 18
W19	19 1 57	13°48'03	6♒55	27°35	29°19	11°32	23° 0	5°29	3°29	21°37	5° 3	4°57	6°29	8°23	n.a.	W19
T 20	19 5 54	14°46'00	18°57	29°14	0♍23	12° 8	22°55	5°25	3°32	21°37	5° 2	4°54	6°26	8°29	n.a.	T 20
F 21	19 9 51	15°43'59	0♓50	0♋56	1°27	12°44	22°51	5°21	3°35	21°37	5° 1	4°D52	6°23	8°36	n.a.	F 21
S 22	19 13 47	16°41'59	12°38	2°41	2°30	13°20	22°46	5°17	3°38	21°38	5° 0	4°52	6°19	8°43	n.a.	S 22
S 23	19 17 44	17°40'02	24°25	4°29	3°33	13°57	22°40	5°12	3°41	21°38	4°59	4°54	6°16	8°49	n.a.	S 23
M24	19 21 40	18°38'06	6♈16	6°19	4°35	14°34	22°35	5° 8	3°43	21°38	4°58	4°55	6°13	8°56	n.a.	M24
T 25	19 25 37	19°36'13	18°16	8°12	5°38	15°11	22°30	5° 4	3°46	21°38	4°56	4°R56	6°10	9° 3	n.a.	T 25
W26	19 29 33	20°34'22	0♉31	10° 6	6°40	15°48	22°24	4°59	3°49	21°39	4°55	4°55	6° 7	9° 9	n.a.	W26
T 27	19 33 30	21°32'33	13° 4	12° 1	7°42	16°26	22°18	4°55	3°52	21°39	4°54	4°53	6° 3	9°16	n.a.	T 27
F 28	19 37 26	22°30'46	26° 1	13°57	8°44	17° 4	22°12	4°50	3°54	21°39	4°53	4°49	6° 0	9°22	n.a.	F 28
S 29	19 41 23	23°29'02	9♊23	15°53	9°45	17°41	22° 6	4°46	3°57	21°40	4°52	4°43	5°57	9°29	n.a.	S 29
S 30	19 45 19	24°27'19	23°11	17°50	10°46	18°19	22° 0	4°41	4° 0	21°40	4°50	4°37	5°54	9°36	n.a.	S 30
M31	19 49 16	25♋25'39	7♋24	19♋46	11♍47	18♎58	21♒54	4♒37	4♊ 2	21♎41	4♒49	4♓31	5♓51	9♓42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	25n40	5n 1	19n 1	3s59	19n13	1n 8	1s30	1s 3	15s14	1s32	20s34	1s42	21n 3	0n 2	6s44	2n 0	33s31	14s48	9s12	8s55	9s24		n.a.
S 2	23 49	27 56	4 59	19 10	3 48	18 51	1 4	1 44	1 4	15 14	1 33	20 35	1 42	21 4	0 2	6 43	2 0	33 32	14 48	9 16	8 56	9 21		n.a.
M 3	23 49	28 29	4 39	19 21	3 35	18 29	1 1	1 58	1 5	15 15	1 33	20 36	1 42	21 4	0 2	6 43	2 0	33 32	14 48	9 20	8 58	9 18		n.a.
T 4	23 50	27 10	4 2	19 34	3 22	18 6	0 57	2 13	1 6	15 16	1 33	20 37	1 42	21 5	0 2	6 43	2 0	33 33	14 49	9 24	8 59	9 14		n.a.
W 5	23 50	24 3	3 9	19 49	3 8	17 43	0 54	2 27	1 8	15 17	1 34	20 38	1 42	21 6	0 2	6 43	2 0	33 33	14 49	9 26	9 0	9 11		n.a.
T 6	23 50	19 23	2 3	20 5	2 53	17 20	0 50	2 41	1 9	15 18	1 34	20 39	1 43	21 6	0 2	6 43	2 0	33 34	14 49	9 28	9 1	9 8		n.a.
F 7	23 49	13 37	0 49	20 22	2 38	16 56	0 46	2 55	1 10	15 19	1 34	20 41	1 43	21 7	0 2	6 43	2 0	33 34	14 49	9 29	9 2	9 4		n.a.
S 8	23 48	7 9	0s27	20 41	2 23	16 32	0 42	3 10	1 11	15 20	1 35	20 42	1 43	21 8	0 2	6 43	2 0	33 35	14 50	9 29	9 4	9 1		n.a.
S 9	23 46	0 23	1 41	21 0	2 7	16 8	0 38	3 24	1 12	15 22	1 35	20 43	1 43	21 8	0 3	6 43	2 0	33 35	14 50	9 29	9 5	8 58		n.a.
M10	23 44	6s18	2 48	21 20	1 51	15 43	0 34	3 39	1 13	15 23	1 35	20 44	1 43	21 9	0 3	6 43	2 0	33 36	14 50	9 29	9 6	8 54		n.a.
T 11	23 41	12 36	3 45	21 40	1 35	15 18	0 30	3 54	1 14	15 24	1 36	20 45	1 43	21 10	0 3	6 43	2 0	33 36	14 50	9 29	9 7	8 51		n.a.
W12	23 39	18 12	4 27	22 1	1 19	14 53	0 25	4 8	1 15	15 26	1 36	20 46	1 44	21 10	0 3	6 43	2 0	33 36	14 50	9 30	9 8	8 48		n.a.
T 13	23 35	22 50	4 54	22 22	1 3	14 27	0 21	4 23	1 16	15 27	1 36	20 47	1 44	21 11	0 3	6 43	1 59	33 37	14 51	9 33	9 10	8 44		n.a.
F 14	23 31	26 13	5 5	22 42	0 48	14 1	0 16	4 38	1 17	15 28	1 36	20 48	1 44	21 11	0 3	6 43	1 59	33 37	14 51	9 35	9 11	8 41		n.a.
S 15	23 27	28 7	4 59	23 2	0 33	13 34	0 12	4 53	1 18	15 30	1 37	20 49	1 44	21 12	0 3	6 43	1 59	33 38	14 51	9 39	9 12	8 38		n.a.
S 16	23 23	28 29	4 39	23 21	0 19	13 8	0 7	5 8	1 19	15 32	1 37	20 51	1 44	21 13	0 3	6 43	1 59	33 38	14 51	9 43	9 13	8 34		n.a.
M17	23 18	27 19	4 4	23 38	0 5	12 41	0 2	5 23	1 20	15 33	1 37	20 52	1 44	21 13	0 3	6 43	1 59	33 39	14 51	9 46	9 14	8 31		n.a.
T 18	23 12	24 48	3 19	23 55	0n 8	12 14	0s 3	5 38	1 21	15 35	1 38	20 53	1 45	21 14	0 3	6 43	1 59	33 39	14 51	9 49	9 16	8 28		n.a.
W19	23 6	21 11	2 25	24 10	0 21	11 47	0 8	5 53	1 22	15 37	1 38	20 54	1 45	21 14	0 3	6 44	1 59	33 40	14 52	9 51	9 17	8 24		n.a.
T 20	23 0	16 44	1 25	24 23	0 33	11 19	0 13	6 8	1 23	15 39	1 38	20 55	1 45	21 15	0 3	6 44	1 59	33 40	14 52	9 52	9 18	8 21		n.a.
F 21	22 53	11 42	0 22	24 34	0 44	10 52	0 18	6 23	1 24	15 41	1 39	20 56	1 45	21 16	0 3	6 44	1 59	33 41	14 52	9 53	9 19	8 18		n.a.
S 22	22 46	6 17	0n42	24 42	0 54	10 24	0 23	6 39	1 24	15 42	1 39	20 58	1 45	21 16	0 3	6 44	1 59	33 41	14 52	9 53	9 20	8 14		n.a.
S 23	22 39	0 40	1 44	24 48	1 3	9 56	0 29	6 54	1 25	15 44	1 39	20 59	1 45	21 17	0 3	6 44	1 59	33 42	14 52	9 52	9 22	8 11		n.a.
M24	22 31	5n 0	2 42	24 52	1 11	9 27	0 34	7 9	1 26	15 46	1 39	21 0	1 45	21 17	0 3	6 44	1 59	33 42	14 52	9 52	9 23	8 8		n.a.
T 25	22 23	10 33	3 33	24 53	1 19	8 59	0 40	7 24	1 27	15 49	1 40	21 1	1 46	21 18	0 3	6 44	1 59	33 42	14 52	9 52	9 24	8 4		n.a.
W26	22 14	15 50	4 16	24 52	1 25	8 31	0 45	7 40	1 28	15 51	1 40	21 2	1 46	21 18	0 3	6 45	1 59	33 43	14 53	9 52	9 25	8 1		n.a.
T 27	22 5	20 35	4 48	24 47	1 31	8 2	0 51	7 55	1 28	15 53	1 40	21 4	1 46	21 19	0 3	6 45	1 58	33 43	14 53	9 53	9 26	7 58		n.a.
F 28	21 55	24 32	5 6	24 41	1 36	7 33	0 57	8 11	1 29	15 55	1 40	21 5	1 46	21 19	0 3	6 45	1 58	33 44	14 53	9 54	9 28	7 54		n.a.
S 29	21 45	27 19	5 9	24 31	1 40	7 5	1 3	8 26	1 30	15 57	1 41	21 6	1 46	21 20	0 3	6 45	1 58	33 44	14 53	9 56	9 29	7 51		n.a.
S 30	21 35	28 33	4 54	24 19	1 43	6 36	1 9	8 41	1 31	16 0	1 41	21 7	1 46	21 20	0 3	6 45	1 58	33 45	14 53	9 58	9 30	7 48		n.a.
M31	21n24	27n58	4n21	24n 5	1n45	6n 7	1s15	8s57	1s31	16s 2	1s41	21s 9	1s46	21n21	0n 3	6s46	1n58	33s45	14s53	10s 1	9s31	7s44		n.a.

Julian Day Number = 1298644.5, Delta T = 07h52m27s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'10, Lahiri = -19°56'09 Julian Calendar 1 July 1158 BCE == Greg. Calendar 20 June 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

AUGUST 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 13	26♋24'01	21♋58	21♋43	12♍47	19♎36	21°R47	4°R32	4♊ 5	21♎41	4°R48	4°R25	5♓48	9♓49	n.a.	T 1
W 2	19 57 9	27°22'25	6♌45	23°38	13°47	20°15	21♒41	4♒28	4° 7	21°42	4♒47	4♓21	5°44	9°56	n.a.	W 2
T 3	20 1 6	28°20'50	21°37	25°34	14°47	20°53	21°34	4°23	4°10	21°43	4°46	4°19	5°41	10° 2	n.a.	T 3
F 4	20 5 2	29°19'18	6♍28	27°28	15°47	21°32	21°27	4°18	4°12	21°43	4°44	4°D19	5°38	10° 9	n.a.	F 4
S 5	20 8 59	0♌17'47	21°10	29°22	16°46	22°11	21°20	4°14	4°15	21°44	4°43	4°19	5°35	10°16	n.a.	S 5
S 6	20 12 55	1°16'18	5♎38	1♌15	17°44	22°51	21°13	4° 9	4°17	21°44	4°42	4°21	5°32	10°22	n.a.	S 6
M 7	20 16 52	2°14'51	19°49	3° 7	18°42	23°30	21° 6	4° 4	4°19	21°45	4°41	4°22	5°29	10°29	n.a.	M 7
T 8	20 20 48	3°13'25	3♏42	4°58	19°40	24°10	20°59	4° 0	4°22	21°46	4°39	4°R23	5°25	10°36	n.a.	T 8
W 9	20 24 45	4°12'01	17°17	6°49	20°38	24°49	20°51	3°55	4°24	21°47	4°38	4°22	5°22	10°42	n.a.	W 9
T 10	20 28 42	5°10'40	0♐34	8°38	21°35	25°29	20°44	3°50	4°26	21°48	4°37	4°20	5°19	10°49	n.a.	T 10
F 11	20 32 38	6° 9'20	13°36	10°26	22°31	26° 9	20°36	3°46	4°28	21°48	4°36	4°16	5°16	10°56	n.a.	F 11
S 12	20 36 35	7° 8'02	26°22	12°13	23°27	26°49	20°29	3°41	4°30	21°49	4°34	4°12	5°13	11° 2	n.a.	S 12
S 13	20 40 31	8° 6'46	8♑56	13°59	24°23	27°30	20°21	3°36	4°32	21°50	4°33	4° 8	5° 9	11° 9	n.a.	S 13
M14	20 44 28	9° 5'31	21°17	15°44	25°18	28°10	20°13	3°32	4°34	21°51	4°32	4° 4	5° 6	11°15	n.a.	M14
T 15	20 48 24	10° 4'19	3♒29	17°28	26°12	28°51	20° 5	3°27	4°36	21°52	4°31	4° 0	5° 3	11°22	n.a.	T 15
W16	20 52 21	11° 3'09	15°31	19°11	27° 6	29°31	19°58	3°23	4°38	21°53	4°29	3°58	5° 0	11°29	n.a.	W16
T 17	20 56 17	12° 2'01	27°25	20°53	27°59	0♏12	19°50	3°18	4°40	21°54	4°28	3°57	4°57	11°35	n.a.	T 17
F 18	21 0 14	13° 0'56	9♓15	22°34	28°52	0°53	19°42	3°13	4°42	21°55	4°27	3°D57	4°54	11°42	n.a.	F 18
S 19	21 4 11	13°59'52	21° 2	24°15	29°44	1°34	19°34	3° 9	4°44	21°56	4°26	3°58	4°50	11°49	n.a.	S 19
S 20	21 8 7	14°58'51	2♈49	25°54	0♎36	2°15	19°26	3° 4	4°46	21°57	4°25	3°59	4°47	11°55	n.a.	S 20
M21	21 12 4	15°57'52	14°41	27°32	1°26	2°57	19°18	3° 0	4°47	21°58	4°23	4° 1	4°44	12° 2	n.a.	M21
T 22	21 16 0	16°56'56	26°41	29° 9	2°17	3°38	19°10	2°55	4°49	22° 0	4°22	4° 2	4°41	12° 9	n.a.	T 22
W23	21 19 57	17°56'02	8♉54	0♍46	3° 6	4°20	19° 2	2°51	4°51	22° 1	4°21	4° 3	4°38	12°15	n.a.	W23
T 24	21 23 53	18°55'10	21°24	2°22	3°55	5° 1	18°54	2°47	4°52	22° 2	4°20	4°R 3	4°35	12°22	n.a.	T 24
F 25	21 27 50	19°54'21	4♊16	3°56	4°43	5°43	18°46	2°42	4°54	22° 3	4°19	4° 3	4°31	12°29	n.a.	F 25
S 26	21 31 46	20°53'35	17°33	5°30	5°30	6°25	18°38	2°38	4°55	22° 5	4°17	4° 2	4°28	12°35	n.a.	S 26
S 27	21 35 43	21°52'51	1♋17	7° 3	6°16	7° 7	18°29	2°34	4°57	22° 6	4°16	4° 0	4°25	12°42	n.a.	S 27
M28	21 39 39	22°52'10	15°28	8°36	7° 1	7°49	18°21	2°29	4°58	22° 7	4°15	3°59	4°22	12°49	n.a.	M28
T 29	21 43 36	23°51'31	0♌ 4	10° 7	7°46	8°31	18°13	2°25	4°59	22° 9	4°14	3°57	4°19	12°55	n.a.	T 29
W30	21 47 33	24°50'54	15° 0	11°38	8°30	9°14	18° 6	2°21	5° 0	22°10	4°13	3°57	4°15	13° 2	n.a.	W30
T 31	21 51 29	25♌50'19	0♍ 7	13♍ 8	9♎12	9♏56	17♒58	2♒17	5♊ 2	22♎11	4♒12	3°D56	4♓12	13♓ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n13	25n28	3n30	23n49	1n47	5n38	1s21	9s12	1s32	16s 4	1s41	21s10	1s46	21n21	0n 3	6s46	1n58	33s45	14s53	10s 3	9s32	7s41			n.a.
W 2	21 2	21 13	2 25	23 30	1 48	5 9	1 27	9 28	1 33	16 7	1 42	21 11	1 47	21 22	0 3	6 46	1 58	33 46	14 53	10 4	9 33	7 37			n.a.
T 3	20 50	15 37	1 9	23 9	1 48	4 40	1 33	9 43	1 33	16 9	1 42	21 12	1 47	21 22	0 3	6 47	1 58	33 46	14 53	10 5	9 35	7 34			n.a.
F 4	20 38	9 6	0s12	22 46	1 48	4 10	1 39	9 59	1 34	16 12	1 42	21 14	1 47	21 23	0 3	6 47	1 58	33 47	14 53	10 5	9 36	7 31			n.a.
S 5	20 25	2 10	1 31	22 22	1 47	3 41	1 46	10 14	1 34	16 14	1 42	21 15	1 47	21 23	0 3	6 47	1 58	33 47	14 53	10 5	9 37	7 27			n.a.
S 6	20 12	4s46	2 43	21 56	1 46	3 12	1 52	10 29	1 35	16 16	1 42	21 16	1 47	21 24	0 3	6 47	1 58	33 47	14 53	10 5	9 38	7 24			n.a.
M 7	19 59	11 19	3 44	21 28	1 44	2 43	1 59	10 45	1 36	16 19	1 43	21 17	1 47	21 24	0 3	6 48	1 58	33 48	14 53	10 4	9 39	7 21			n.a.
T 8	19 45	17 10	4 30	20 59	1 41	2 14	2 5	11 0	1 36	16 22	1 43	21 18	1 47	21 25	0 3	6 48	1 58	33 48	14 54	10 4	9 41	7 17			n.a.
W 9	19 31	22 3	5 0	20 28	1 39	1 45	2 12	11 16	1 37	16 24	1 43	21 20	1 47	21 25	0 3	6 49	1 58	33 48	14 54	10 4	9 42	7 14			n.a.
T 10	19 17	25 42	5 13	19 56	1 35	1 16	2 19	11 31	1 37	16 27	1 43	21 21	1 47	21 26	0 3	6 49	1 58	33 49	14 54	10 5	9 43	7 11			n.a.
F 11	19 3	27 55	5 9	19 23	1 32	0 48	2 25	11 46	1 38	16 29	1 43	21 22	1 47	21 26	0 3	6 49	1 57	33 49	14 54	10 6	9 44	7 7			n.a.
S 12	18 48	28 37	4 50	18 49	1 28	0 19	2 32	12 2	1 38	16 32	1 43	21 23	1 47	21 26	0 3	6 50	1 57	33 50	14 54	10 8	9 45	7 4			n.a.
S 13	18 32	27 49	4 18	18 14	1 23	0s10	2 39	12 17	1 39	16 35	1 44	21 24	1 47	21 27	0 3	6 50	1 57	33 50	14 54	10 9	9 46	7 0			n.a.
M14	18 17	25 38	3 34	17 38	1 19	0 38	2 46	12 32	1 39	16 37	1 44	21 26	1 47	21 27	0 3	6 50	1 57	33 50	14 54	10 11	9 48	6 57			n.a.
T 15	18 1	22 17	2 40	17 1	1 14	1 6	2 53	12 47	1 39	16 40	1 44	21 27	1 48	21 28	0 3	6 51	1 57	33 51	14 54	10 12	9 49	6 54			n.a.
W16	17 45	18 2	1 40	16 24	1 8	1 34	3 0	13 2	1 40	16 42	1 44	21 28	1 48	21 28	0 3	6 51	1 57	33 51	14 54	10 13	9 50	6 50			n.a.
T 17	17 28	13 8	0 36	15 46	1 3	2 2	3 7	13 17	1 40	16 45	1 44	21 29	1 48	21 28	0 3	6 52	1 57	33 51	14 54	10 13	9 51	6 47			n.a.
F 18	17 11	7 47	0n29	15 7	0 57	2 30	3 14	13 32	1 41	16 48	1 44	21 30	1 48	21 29	0 3	6 52	1 57	33 51	14 54	10 13	9 52	6 44			n.a.
S 19	16 54	2 11	1 33	14 28	0 51	2 57	3 21	13 47	1 41	16 50	1 44	21 31	1 48	21 29	0 3	6 53	1 57	33 52	14 54	10 13	9 54	6 40			n.a.
S 20	16 37	3n28	2 33	13 48	0 45	3 25	3 28	14 2	1 41	16 53	1 44	21 32	1 48	21 29	0 3	6 53	1 57	33 52	14 54	10 13	9 55	6 37			n.a.
M21	16 19	9 3	3 27	13 8	0 39	3 52	3 35	14 17	1 42	16 56	1 44	21 33	1 48	21 30	0 3	6 54	1 57	33 52	14 53	10 12	9 56	6 33			n.a.
T 22	16 1	14 22	4 12	12 28	0 33	4 19	3 42	14 32	1 42	16 58	1 44	21 35	1 48	21 30	0 3	6 54	1 57	33 53	14 53	10 11	9 57	6 30			n.a.
W23	15 43	19 13	4 47	11 47	0 26	4 45	3 50	14 47	1 42	17 1	1 45	21 36	1 48	21 30	0 3	6 55	1 57	33 53	14 53	10 11	9 58	6 27			n.a.
T 24	15 24	23 22	5 9	11 6	0 19	5 11	3 57	15 1	1 43	17 4	1 45	21 37	1 48	21 31	0 3	6 55	1 57	33 53	14 53	10 11	9 59	6 23			n.a.
F 25	15 5	26 32	5 17	10 25	0 13	5 37	4 4	15 16	1 43	17 6	1 45	21 38	1 48	21 31	0 3	6 56	1 57	33 53	14 53	10 11	10 1	6 20			n.a.
S 26	14 46	28 21	5 8	9 44	0 6	6 3	4 11	15 30	1 43	17 9	1 45	21 39	1 48	21 31	0 3	6 56	1 57	33 54	14 53	10 12	10 2	6 16			n.a.
S 27	14 27	28 32	4 42	9 3	0s 1	6 28	4 18	15 45	1 44	17 11	1 45	21 40	1 48	21 31	0 3	6 57	1 56	33 54	14 53	10 12	10 3	6 13			n.a.
M28	14 7	26 51	3 58	8 21	0 8	6 53	4 25	15 59	1 44	17 14	1 45	21 41	1 48	21 32	0 3	6 57	1 56	33 54	14 53	10 13	10 4	6 10			n.a.
T 29	13 47	23 21	2 57	7 40	0 16	7 17	4 33	16 13	1 44	17 17	1 45	21 42	1 48	21 32	0 3	6 58	1 56	33 54	14 53	10 13	10 5	6 6			n.a.
W30	13 27	18 15	1 43	6 58	0 23	7 41	4 40	16 27	1 44	17 19	1 45	21 43	1 48	21 32	0 3	6 59	1 56	33 55	14 53	10 13	10 7	6 3			n.a.
T 31	13n 7	11n57	0n21	6n17	0s30	8s 5	4s47	16s41	1s45	17s22	1s45	21s44	1s48	21n32	0n 3	6s59	1n56	33s55	14s53	10s14	10s 8	6s 0			n.a.

Julian Day Number = 1298675.5, Delta T = 07h52m25s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'06, Lahiri = -19°56'05 Julian Calendar 1 Aug. 1158 BCE == Greg. Calendar 21 July 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

SEPTEMBER 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 55 26	26♌49'46	15♍16	14♍37	9♎54	10♏39	17°R50	2°R13	5♊ 3	22♎13	4°R10	3♓56	4♓ 9	13♓15	n.a.	F 1
S 2	21 59 22	27°49'16	0♎18	16° 5	10°34	11°21	17♒42	2♒ 9	5° 4	22°14	4♒ 9	3°57	4° 6	13°22	n.a.	S 2
S 3	22 3 19	28°48'47	15° 6	17°32	11°14	12° 4	17°34	2° 5	5° 5	22°16	4° 8	3°57	4° 3	13°28	n.a.	S 3
M 4	22 7 15	29°48'21	29°34	18°59	11°52	12°47	17°26	2° 1	5° 6	22°17	4° 7	3°58	4° 0	13°35	n.a.	M 4
T 5	22 11 12	0♍47'56	13♏37	20°24	12°29	13°30	17°19	1°57	5° 7	22°19	4° 6	3°58	3°56	13°42	n.a.	T 5
W 6	22 15 8	1°47'33	27°15	21°49	13° 5	14°13	17°11	1°54	5° 8	22°21	4° 5	3°R58	3°53	13°48	n.a.	W 6
T 7	22 19 5	2°47'13	10♐30	23°13	13°40	14°56	17° 4	1°50	5° 9	22°22	4° 4	3°58	3°50	13°55	n.a.	T 7
F 8	22 23 2	3°46'54	23°24	24°36	14°13	15°39	16°56	1°46	5° 9	22°24	4° 3	3°D58	3°47	14° 2	n.a.	F 8
S 9	22 26 58	4°46'37	5♑59	25°58	14°45	16°23	16°49	1°43	5°10	22°25	4° 2	3°58	3°44	14° 8	n.a.	S 9
S 10	22 30 55	5°46'21	18°19	27°18	15°15	17° 6	16°42	1°39	5°11	22°27	4° 1	3°58	3°40	14°15	n.a.	S 10
M11	22 34 51	6°46'08	0♒27	28°38	15°44	17°49	16°35	1°36	5°12	22°29	4° 0	3°58	3°37	14°22	n.a.	M11
T 12	22 38 48	7°45'57	12°27	29°57	16°11	18°33	16°28	1°33	5°12	22°30	3°59	3°59	3°34	14°28	n.a.	T 12
W13	22 42 44	8°45'47	24°20	1♎14	16°37	19°17	16°21	1°30	5°13	22°32	3°58	3°59	3°31	14°35	n.a.	W13
T 14	22 46 41	9°45'40	6♓ 9	2°30	17° 1	20° 0	16°14	1°26	5°13	22°34	3°57	3°R59	3°28	14°42	n.a.	T 14
F 15	22 50 37	10°45'34	17°57	3°45	17°23	20°44	16° 7	1°23	5°14	22°36	3°56	3°59	3°25	14°48	n.a.	F 15
S 16	22 54 34	11°45'31	29°45	4°57	17°43	21°28	16° 1	1°20	5°14	22°38	3°55	3°58	3°21	14°55	n.a.	S 16
S 17	22 58 30	12°45'30	11♈37	6° 9	18° 1	22°12	15°54	1°17	5°14	22°39	3°54	3°57	3°18	15° 1	n.a.	S 17
M18	23 2 27	13°45'31	23°33	7°18	18°18	22°56	15°48	1°15	5°14	22°41	3°53	3°56	3°15	15° 8	n.a.	M18
T 19	23 6 24	14°45'34	5♉38	8°25	18°32	23°40	15°42	1°12	5°15	22°43	3°52	3°54	3°12	15°15	n.a.	T 19
W20	23 10 20	15°45'39	17°53	9°30	18°44	24°24	15°36	1° 9	5°15	22°45	3°51	3°53	3° 9	15°21	n.a.	W20
T 21	23 14 17	16°45'47	0♊23	10°33	18°55	25° 8	15°30	1° 7	5°15	22°47	3°50	3°52	3° 6	15°28	n.a.	T 21
F 22	23 18 13	17°45'57	13°11	11°33	19° 3	25°53	15°25	1° 4	5°R15	22°49	3°50	3°D51	3° 2	15°35	n.a.	F 22
S 23	23 22 10	18°46'10	26°20	12°29	19° 8	26°37	15°19	1° 2	5°15	22°51	3°49	3°51	2°59	15°41	n.a.	S 23
S 24	23 26 6	19°46'24	9♋54	13°22	19°12	27°21	15°14	1° 0	5°15	22°53	3°48	3°52	2°56	15°48	n.a.	S 24
M25	23 30 3	20°46'41	23°52	14°12	19°R13	28° 6	15° 9	0°57	5°15	22°55	3°47	3°53	2°53	15°55	n.a.	M25
T 26	23 33 59	21°47'00	8♌16	14°57	19°12	28°50	15° 4	0°55	5°15	22°57	3°46	3°54	2°50	16° 1	n.a.	T 26
W27	23 37 56	22°47'21	23° 3	15°37	19° 8	29°35	14°59	0°53	5°14	22°59	3°46	3°55	2°46	16° 8	n.a.	W27
T 28	23 41 53	23°47'44	8♍ 7	16°12	19° 2	0♐20	14°54	0°52	5°14	23° 1	3°45	3°R56	2°43	16°15	n.a.	T 28
F 29	23 45 49	24°48'09	23°19	16°41	18°54	1° 4	14°50	0°50	5°14	23° 3	3°44	3°55	2°40	16°21	n.a.	F 29
S 30	23 49 46	25♍48'36	8♎31	17♎ 4	18♎43	1♐49	14♒45	0♒48	5♊13	23♎ 5	3♒44	3♓53	2♓37	16♓28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n46	4n56	1s 3	5n35	0s37	8s28	4s54	16s55	1s45	17s24	1s45	21s45	1s48	21n33	0n 3	7s 0	1n56	33s55	14s53	10s14	10s 9	5s56		n.a.
S 2	12 26	2s17	2 21	4 54	0 44	8 51	5 1	17 9	1 45	17 26	1 45	21 45	1 48	21 33	0 3	7 0	1 56	33 55	14 53	10 13	10 10	5 53		n.a.
S 3	12 5	9 15	3 29	4 13	0 52	9 13	5 8	17 22	1 45	17 29	1 45	21 46	1 48	21 33	0 3	7 1	1 56	33 55	14 52	10 13	10 11	5 49		n.a.
M 4	11 44	15 35	4 22	3 32	0 59	9 35	5 15	17 36	1 45	17 31	1 45	21 47	1 48	21 33	0 3	7 2	1 56	33 55	14 52	10 13	10 12	5 46		n.a.
T 5	11 22	20 55	4 58	2 51	1 6	9 56	5 22	17 49	1 45	17 34	1 45	21 48	1 48	21 33	0 3	7 2	1 56	33 56	14 52	10 13	10 14	5 43		n.a.
W 6	11 1	24 59	5 16	2 11	1 13	10 17	5 29	18 3	1 46	17 36	1 45	21 49	1 48	21 34	0 3	7 3	1 56	33 56	14 52	10 13	10 15	5 39		n.a.
T 7	10 39	27 36	5 16	1 31	1 20	10 36	5 35	18 16	1 46	17 38	1 45	21 50	1 48	21 34	0 3	7 4	1 56	33 56	14 52	10 13	10 16	5 36		n.a.
F 8	10 17	28 39	5 0	0 51	1 27	10 56	5 42	18 29	1 46	17 40	1 44	21 50	1 48	21 34	0 3	7 4	1 56	33 56	14 52	10 13	10 17	5 32		n.a.
S 9	9 55	28 11	4 30	0 12	1 34	11 14	5 49	18 42	1 46	17 43	1 44	21 51	1 48	21 34	0 3	7 5	1 56	33 56	14 52	10 13	10 18	5 29		n.a.
S 10	9 33	26 19	3 48	0s27	1 41	11 32	5 55	18 55	1 46	17 45	1 44	21 52	1 48	21 34	0 3	7 6	1 56	33 56	14 51	10 13	10 19	5 26		n.a.
M11	9 10	23 15	2 56	1 5	1 48	11 49	6 1	19 7	1 46	17 47	1 44	21 53	1 48	21 34	0 3	7 6	1 56	33 56	14 51	10 13	10 21	5 22		n.a.
T 12	8 48	19 13	1 57	1 43	1 54	12 6	6 7	19 20	1 46	17 49	1 44	21 53	1 48	21 34	0 3	7 7	1 56	33 57	14 51	10 13	10 22	5 19		n.a.
W13	8 25	14 28	0 53	2 20	2 0	12 21	6 13	19 32	1 46	17 51	1 44	21 54	1 48	21 35	0 3	7 8	1 56	33 57	14 51	10 13	10 23	5 15		n.a.
T 14	8 2	9 13	0n12	2 56	2 7	12 36	6 19	19 44	1 46	17 53	1 44	21 55	1 47	21 35	0 3	7 8	1 55	33 57	14 51	10 13	10 24	5 12		n.a.
F 15	7 39	3 40	1 17	3 32	2 13	12 50	6 25	19 56	1 46	17 55	1 44	21 55	1 47	21 35	0 3	7 9	1 55	33 57	14 51	10 13	10 25	5 9		n.a.
S 16	7 16	2n 1	2 18	4 7	2 18	13 3	6 30	20 8	1 46	17 57	1 44	21 56	1 47	21 35	0 3	7 10	1 55	33 57	14 50	10 13	10 26	5 5		n.a.
S 17	6 53	7 38	3 14	4 41	2 24	13 15	6 35	20 20	1 46	17 58	1 44	21 57	1 47	21 35	0 3	7 10	1 55	33 57	14 50	10 13	10 28	5 2		n.a.
M18	6 29	13 1	4 2	5 13	2 29	13 26	6 40	20 31	1 46	18 0	1 43	21 57	1 47	21 35	0 3	7 11	1 55	33 57	14 50	10 14	10 29	4 58		n.a.
T 19	6 6	17 59	4 39	5 45	2 34	13 36	6 45	20 43	1 46	18 2	1 43	21 58	1 47	21 35	0 3	7 12	1 55	33 57	14 50	10 14	10 30	4 55		n.a.
W20	5 42	22 18	5 5	6 15	2 39	13 44	6 49	20 54	1 46	18 4	1 43	21 58	1 47	21 35	0 3	7 13	1 55	33 57	14 50	10 15	10 31	4 52		n.a.
T 21	5 19	25 43	5 16	6 44	2 43	13 52	6 53	21 5	1 46	18 5	1 43	21 59	1 47	21 35	0 3	7 13	1 55	33 57	14 49	10 15	10 32	4 48		n.a.
F 22	4 55	27 55	5 13	7 11	2 47	13 59	6 57	21 15	1 46	18 7	1 43	21 59	1 47	21 35	0 3	7 14	1 55	33 57	14 49	10 15	10 33	4 45		n.a.
S 23	4 31	28 40	4 53	7 37	2 50	14 4	7 0	21 26	1 46	18 8	1 43	22 0	1 47	21 35	0 3	7 15	1 55	33 57	14 49	10 15	10 35	4 41		n.a.
S 24	4 7	27 43	4 16	8 0	2 53	14 8	7 3	21 37	1 46	18 10	1 42	22 0	1 47	21 35	0 3	7 16	1 55	33 57	14 49	10 15	10 36	4 38		n.a.
M25	3 43	25 2	3 24	8 22	2 55	14 11	7 5	21 47	1 46	18 11	1 42	22 1	1 47	21 35	0 3	7 16	1 55	33 57	14 48	10 15	10 37	4 35		n.a.
T 26	3 19	20 42	2 17	8 41	2 56	14 12	7 7	21 57	1 46	18 12	1 42	22 1	1 47	21 35	0 3	7 17	1 55	33 57	14 48	10 14	10 38	4 31		n.a.
W27	2 54	15 0	1 0	8 57	2 56	14 12	7 9	22 7	1 46	18 14	1 42	22 1	1 47	21 35	0 3	7 18	1 55	33 57	14 48	10 14	10 39	4 28		n.a.
T 28	2 30	8 19	0s23	9 11	2 56	14 10	7 10	22 16	1 45	18 15	1 42	22 2	1 46	21 35	0 4	7 19	1 55	33 57	14 48	10 14	10 40	4 24		n.a.
F 29	2 6	1 5	1 45	9 21	2 55	14 7	7 10	22 26	1 45	18 16	1 41	22 2	1 46	21 35	0 4	7 20	1 55	33 57	14 47	10 14	10 42	4 21		n.a.
S 30	1n42	6s10	2s59	9s28	2s53	14s 3	7s10	22s35	1s45	18s17	1s41	22s 2	1s46	21n35	0n 4	7s20	1n55	33s57	14s47	10s15	10s43	4s18		n.a.

Julian Day Number = 1298706.5, Delta T = 07h52m23s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°03'01, Lahiri = -19°56'01 Julian Calendar 1 Sept. 1158 BCE == Greg. Calendar 21 Aug. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

OCTOBER 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 42	26♍49'04	23♎33	17♎19	18°R30	2♐34	14°R41	0°R46	5°R13	23♎ 7	3°R43	3°R50	2♓34	16♓35	n.a.	S 1
M 2	23 57 39	27°49'34	8♏15	17°R27	18♎14	3°19	14♒37	0♒45	5♊12	23° 9	3♒42	3♓46	2°31	16°41	n.a.	M 2
T 3	0 1 35	28°50'06	22°32	17°26	17°56	4° 4	14°33	0°44	5°12	23°11	3°42	3°43	2°27	16°48	n.a.	T 3
W 4	0 5 32	29°50'39	6♐21	17°15	17°36	4°49	14°30	0°42	5°11	23°13	3°41	3°40	2°24	16°54	n.a.	W 4
T 5	0 9 28	0♎51'14	19°42	16°56	17°14	5°34	14°26	0°41	5°10	23°15	3°40	3°38	2°21	17° 1	n.a.	T 5
F 6	0 13 25	1°51'50	2♑37	16°25	16°49	6°19	14°23	0°40	5°10	23°17	3°40	3°D38	2°18	17° 8	n.a.	F 6
S 7	0 17 21	2°52'28	15°10	15°45	16°22	7° 4	14°20	0°39	5° 9	23°19	3°39	3°39	2°15	17°14	n.a.	S 7
S 8	0 21 18	3°53'07	27°24	14°55	15°54	7°49	14°18	0°38	5° 8	23°22	3°39	3°40	2°12	17°21	n.a.	S 8
M 9	0 25 15	4°53'47	9♒26	13°55	15°23	8°34	14°15	0°38	5° 7	23°24	3°38	3°42	2° 8	17°28	n.a.	M 9
T 10	0 29 11	5°54'28	21°18	12°48	14°52	9°19	14°13	0°37	5° 6	23°26	3°38	3°44	2° 5	17°34	n.a.	T 10
W11	0 33 8	6°55'11	3♓ 6	11°33	14°18	10° 5	14°10	0°36	5° 5	23°28	3°37	3°R44	2° 2	17°41	n.a.	W11
T 12	0 37 4	7°55'55	14°53	10°14	13°44	10°50	14° 8	0°36	5° 4	23°30	3°37	3°44	1°59	17°48	n.a.	T 12
F 13	0 41 1	8°56'41	26°42	8°52	13° 9	11°35	14° 7	0°36	5° 3	23°33	3°37	3°41	1°56	17°54	n.a.	F 13
S 14	0 44 57	9°57'28	8♈35	7°32	12°33	12°21	14° 5	0°35	5° 2	23°35	3°36	3°37	1°52	18° 1	n.a.	S 14
S 15	0 48 54	10°58'16	20°35	6°14	11°57	13° 6	14° 4	0°35	5° 1	23°37	3°36	3°31	1°49	18° 8	n.a.	S 15
M16	0 52 50	11°59'06	2♉41	5° 2	11°20	13°51	14° 3	0°D35	5° 0	23°39	3°35	3°24	1°46	18°14	n.a.	M16
T 17	0 56 47	12°59'57	14°57	3°58	10°44	14°37	14° 2	0°35	4°58	23°41	3°35	3°16	1°43	18°21	n.a.	T 17
W18	1 0 44	14° 0'50	27°23	3° 4	10° 8	15°22	14° 1	0°36	4°57	23°44	3°35	3° 9	1°40	18°28	n.a.	W18
T 19	1 4 40	15° 1'45	10♊ 1	2°20	9°32	16° 8	14° 0	0°36	4°56	23°46	3°35	3° 3	1°37	18°34	n.a.	T 19
F 20	1 8 37	16° 2'41	22°53	1°48	8°58	16°53	14° 0	0°36	4°54	23°48	3°34	2°58	1°33	18°41	n.a.	F 20
S 21	1 12 33	17° 3'38	6♋ 0	1°28	8°24	17°39	14°D 0	0°37	4°53	23°50	3°34	2°56	1°30	18°48	n.a.	S 21
S 22	1 16 30	18° 4'37	19°26	1°D19	7°52	18°24	14° 0	0°37	4°51	23°53	3°34	2°D55	1°27	18°54	n.a.	S 22
M23	1 20 26	19° 5'38	3♌11	1°21	7°21	19°10	14° 0	0°38	4°50	23°55	3°34	2°56	1°24	19° 1	n.a.	M23
T 24	1 24 23	20° 6'40	17°18	1°34	6°52	19°56	14° 1	0°39	4°48	23°57	3°34	2°57	1°21	19° 8	n.a.	T 24
W25	1 28 19	21° 7'43	1♍45	1°56	6°25	20°41	14° 2	0°40	4°47	23°59	3°34	2°R58	1°17	19°14	n.a.	W25
T 26	1 32 16	22° 8'47	16°29	2°26	6° 0	21°27	14° 2	0°41	4°45	24° 2	3°33	2°57	1°14	19°21	n.a.	T 26
F 27	1 36 13	23° 9'53	1♎27	3° 4	5°37	22°13	14° 4	0°42	4°43	24° 4	3°33	2°54	1°11	19°27	n.a.	F 27
S 28	1 40 9	24°11'00	16°30	3°49	5°16	22°58	14° 5	0°44	4°41	24° 6	3°33	2°48	1° 8	19°34	n.a.	S 28
S 29	1 44 6	25°12'08	1♏28	4°40	4°58	23°44	14° 7	0°45	4°40	24° 8	3°D33	2°41	1° 5	19°41	n.a.	S 29
M30	1 48 2	26°13'17	16°13	5°36	4°42	24°30	14° 8	0°47	4°38	24°11	3°33	2°32	1° 2	19°47	n.a.	M30
T 31	1 51 59	27♎14'27	0♐37	6♎37	4♎28	25♐16	14♒10	0♒48	4♊36	24♎13	3♒33	2♓23	0♓58	19♓54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n17	13s 0	4s 0	9s30	2s49	13s57	7s 9	22s44	1s45	18s18	1s41	22s 3	1s46	21n35	0n 4	7s21	1n55	33s57	14s47	10s16	10s44	4s14			n.a.
M 2	0 53	18 57	4 44	9 29	2 44	13 49	7 7	22 53	1 45	18 19	1 41	22 3	1 46	21 35	0 4	7 22	1 55	33 57	14 47	10 17	10 45	4 11			n.a.
T 3	0 28	23 40	5 9	9 23	2 38	13 40	7 5	23 1	1 45	18 20	1 41	22 3	1 46	21 35	0 4	7 23	1 55	33 57	14 46	10 18	10 46	4 7			n.a.
W 4	0 4	26 53	5 14	9 11	2 30	13 30	7 2	23 9	1 44	18 21	1 40	22 3	1 46	21 35	0 4	7 24	1 55	33 56	14 46	10 19	10 47	4 4			n.a.
T 5	0s21	28 27	5 2	8 55	2 20	13 17	6 59	23 18	1 44	18 22	1 40	22 3	1 46	21 34	0 4	7 24	1 55	33 56	14 46	10 20	10 49	4 0			n.a.
F 6	0 45	28 24	4 35	8 33	2 9	13 4	6 54	23 25	1 44	18 23	1 40	22 3	1 46	21 34	0 4	7 25	1 55	33 56	14 46	10 20	10 50	3 57			n.a.
S 7	1 10	26 52	3 56	8 5	1 56	12 48	6 49	23 33	1 44	18 23	1 40	22 4	1 46	21 34	0 4	7 26	1 55	33 56	14 45	10 20	10 51	3 54			n.a.
S 8	1 34	24 4	3 6	7 31	1 41	12 31	6 43	23 40	1 43	18 24	1 39	22 4	1 46	21 34	0 4	7 27	1 55	33 56	14 45	10 20	10 52	3 50			n.a.
M 9	1 59	20 16	2 9	6 53	1 25	12 13	6 36	23 48	1 43	18 24	1 39	22 4	1 45	21 34	0 4	7 28	1 55	33 56	14 45	10 19	10 53	3 47			n.a.
T 10	2 23	15 42	1 8	6 9	1 7	11 53	6 28	23 55	1 43	18 25	1 39	22 4	1 45	21 34	0 4	7 29	1 55	33 56	14 45	10 18	10 54	3 43			n.a.
W11	2 47	10 35	0 3	5 22	0 47	11 33	6 20	24 1	1 43	18 25	1 39	22 4	1 45	21 34	0 4	7 29	1 55	33 56	14 44	10 18	10 55	3 40			n.a.
T 12	3 12	5 7	1n 1	4 32	0 27	11 10	6 10	24 8	1 42	18 26	1 38	22 4	1 45	21 33	0 4	7 30	1 55	33 55	14 44	10 18	10 57	3 37			n.a.
F 13	3 36	0n32	2 2	3 40	0 7	10 47	6 0	24 14	1 42	18 26	1 38	22 4	1 45	21 33	0 4	7 31	1 55	33 55	14 44	10 19	10 58	3 33			n.a.
S 14	4 0	6 11	2 59	2 49	0n14	10 23	5 50	24 20	1 42	18 26	1 38	22 4	1 45	21 33	0 4	7 32	1 55	33 55	14 43	10 21	10 59	3 30			n.a.
S 15	4 25	11 40	3 47	2 0	0 34	9 58	5 38	24 25	1 41	18 26	1 38	22 4	1 45	21 33	0 4	7 33	1 54	33 55	14 43	10 23	11 0	3 26			n.a.
M16	4 49	16 46	4 27	1 13	0 53	9 32	5 26	24 31	1 41	18 26	1 37	22 4	1 45	21 33	0 4	7 34	1 54	33 55	14 43	10 26	11 1	3 23			n.a.
T 17	5 13	21 16	4 54	0 31	1 11	9 6	5 13	24 36	1 41	18 26	1 37	22 3	1 45	21 32	0 4	7 34	1 54	33 54	14 42	10 28	11 2	3 20			n.a.
W18	5 37	24 53	5 8	0n 6	1 27	8 39	5 0	24 41	1 40	18 26	1 37	22 3	1 44	21 32	0 4	7 35	1 54	33 54	14 42	10 31	11 4	3 16			n.a.
T 19	6 1	27 23	5 7	0 36	1 42	8 12	4 46	24 46	1 40	18 26	1 37	22 3	1 44	21 32	0 4	7 36	1 54	33 54	14 42	10 33	11 5	3 13			n.a.
F 20	6 25	28 29	4 51	1 1	1 54	7 45	4 32	24 50	1 40	18 26	1 36	22 3	1 44	21 32	0 4	7 37	1 54	33 54	14 42	10 35	11 6	3 9			n.a.
S 21	6 49	28 1	4 20	1 18	2 5	7 19	4 17	24 54	1 39	18 26	1 36	22 3	1 44	21 31	0 4	7 38	1 54	33 53	14 41	10 36	11 7	3 6			n.a.
S 22	7 12	25 55	3 33	1 30	2 13	6 52	4 2	24 58	1 39	18 26	1 36	22 2	1 44	21 31	0 4	7 39	1 54	33 53	14 41	10 36	11 8	3 2			n.a.
M23	7 36	22 16	2 34	1 35	2 20	6 26	3 47	25 1	1 39	18 25	1 36	22 2	1 44	21 31	0 4	7 40	1 54	33 53	14 41	10 36	11 9	2 59			n.a.
T 24	7 59	17 14	1 24	1 35	2 25	6 0	3 31	25 5	1 38	18 25	1 35	22 2	1 44	21 31	0 4	7 40	1 54	33 53	14 40	10 35	11 10	2 56			n.a.
W25	8 23	11 8	0 7	1 29	2 29	5 35	3 16	25 8	1 38	18 24	1 35	22 1	1 44	21 30	0 4	7 41	1 54	33 52	14 40	10 35	11 12	2 52			n.a.
T 26	8 46	4 19	1s12	1 19	2 31	5 10	3 0	25 11	1 38	18 24	1 35	22 1	1 44	21 30	0 4	7 42	1 54	33 52	14 40	10 35	11 13	2 49			n.a.
F 27	9 9	2s50	2 27	1 4	2 31	4 47	2 45	25 13	1 37	18 23	1 34	22 1	1 43	21 30	0 4	7 43	1 54	33 52	14 39	10 37	11 14	2 45			n.a.
S 28	9 32	9 51	3 32	0 46	2 31	4 24	2 29	25 15	1 37	18 23	1 34	22 0	1 43	21 29	0 4	7 44	1 54	33 52	14 39	10 38	11 15	2 42			n.a.
S 29	9 54	16 16	4 22	0 24	2 30	4 3	2 14	25 17	1 36	18 22	1 34	22 0	1 43	21 29	0 4	7 45	1 54	33 51	14 39	10 41	11 16	2 39			n.a.
M30	10 17	21 38	4 54	0s 0	2 28	3 42	1 59	25 19	1 36	18 21	1 34	21 59	1 43	21 29	0 4	7 45	1 54	33 51	14 38	10 44	11 17	2 35			n.a.
T 31	10s40	25s36	5s 6	0s27	2n25	3s23	1s44	25s20	1s35	18s20	1s33	21s59	1s43	21n28	0n 4	7s46	1n54	33s51	14s38	10s48	11s18	2s32			n.a.

Julian Day Number = 1298736.5, Delta T = 07h52m22s
Ecliptic obliquity = 23°50'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'57, Lahiri = -19°55'57 Julian Calendar 1 Oct. 1158 BCE == Greg. Calendar 20 Sept. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

NOVEMBER 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 55 55	28♎15'37	14♐34	7♎41	4°R17	26♐ 1	14♒12	0♒50	4°R34	24♎15	3♒33	2°R15	0♓55	20♓ 1	n.a.	W 1
T 2	1 59 52	29°16'48	28° 3	8°50	4♎ 8	26°47	14°15	0°52	4♊32	24°17	3°33	2♓ 8	0°52	20° 7	n.a.	T 2
F 3	2 3 49	0♏18'00	11♑ 4	10° 1	4° 2	27°33	14°17	0°54	4°30	24°20	3°34	2° 4	0°49	20°14	n.a.	F 3
S 4	2 7 45	1°19'12	23°40	11°15	3°58	28°19	14°20	0°56	4°28	24°22	3°34	2° 2	0°46	20°21	n.a.	S 4
S 5	2 11 42	2°20'24	5♒55	12°31	3°D56	29° 4	14°23	0°58	4°26	24°24	3°34	2°D 2	0°43	20°27	n.a.	S 5
M 6	2 15 38	3°21'37	17°56	13°50	3°57	29°50	14°26	1° 0	4°24	24°26	3°34	2° 2	0°39	20°34	n.a.	M 6
T 7	2 19 35	4°22'50	29°47	15°10	4° 1	0♑36	14°30	1° 3	4°22	24°29	3°34	2°R 3	0°36	20°41	n.a.	T 7
W 8	2 23 31	5°24'03	11♓34	16°31	4° 7	1°22	14°33	1° 5	4°20	24°31	3°34	2° 2	0°33	20°47	n.a.	W 8
T 9	2 27 28	6°25'17	23°21	17°54	4°15	2° 8	14°37	1° 8	4°17	24°33	3°35	2° 0	0°30	20°54	n.a.	T 9
F 10	2 31 24	7°26'31	5♈13	19°18	4°25	2°54	14°41	1°10	4°15	24°35	3°35	1°55	0°27	21° 1	n.a.	F 10
S 11	2 35 21	8°27'46	17°12	20°43	4°38	3°39	14°45	1°13	4°13	24°38	3°35	1°47	0°23	21° 7	n.a.	S 11
S 12	2 39 18	9°29'00	29°21	22° 9	4°53	4°25	14°49	1°16	4°11	24°40	3°36	1°36	0°20	21°14	n.a.	S 12
M13	2 43 14	10°30'15	11♉42	23°35	5°10	5°11	14°54	1°19	4° 8	24°42	3°36	1°24	0°17	21°21	n.a.	M13
T 14	2 47 11	11°31'31	24°14	25° 2	5°28	5°57	14°59	1°22	4° 6	24°44	3°36	1°11	0°14	21°27	n.a.	T 14
W15	2 51 7	12°32'47	6♊59	26°30	5°49	6°43	15° 3	1°25	4° 4	24°46	3°37	0°58	0°11	21°34	n.a.	W15
T 16	2 55 4	13°34'03	19°54	27°58	6°12	7°28	15° 8	1°28	4° 1	24°49	3°37	0°47	0° 8	21°41	n.a.	T 16
F 17	2 59 0	14°35'20	3♋ 1	29°27	6°37	8°14	15°14	1°32	3°59	24°51	3°38	0°38	0° 4	21°47	n.a.	F 17
S 18	3 2 57	15°36'37	16°18	0♏57	7° 3	9° 0	15°19	1°35	3°56	24°53	3°38	0°32	0° 1	21°54	n.a.	S 18
S 19	3 6 53	16°37'55	29°48	2°26	7°32	9°46	15°25	1°39	3°54	24°55	3°39	0°28	29♒58	22° 1	n.a.	S 19
M20	3 10 50	17°39'13	13♌30	3°57	8° 2	10°31	15°31	1°42	3°51	24°57	3°39	0°D27	29°55	22° 7	n.a.	M20
T 21	3 14 47	18°40'31	27°25	5°27	8°33	11°17	15°37	1°46	3°49	24°59	3°40	0°R27	29°52	22°14	n.a.	T 21
W22	3 18 43	19°41'50	11♍35	6°58	9° 6	12° 3	15°43	1°50	3°47	25° 1	3°40	0°27	29°49	22°21	n.a.	W22
T 23	3 22 40	20°43'08	25°57	8°29	9°40	12°49	15°49	1°54	3°44	25° 3	3°41	0°25	29°45	22°27	n.a.	T 23
F 24	3 26 36	21°44'27	10♎29	10° 1	10°16	13°34	15°55	1°58	3°41	25° 6	3°42	0°21	29°42	22°34	n.a.	F 24
S 25	3 30 33	22°45'46	25° 8	11°33	10°54	14°20	16° 2	2° 2	3°39	25° 8	3°42	0°13	29°39	22°40	n.a.	S 25
S 26	3 34 29	23°47'06	9♏45	13° 5	11°32	15° 6	16° 9	2° 6	3°36	25°10	3°43	0° 3	29°36	22°47	n.a.	S 26
M27	3 38 26	24°48'25	24°15	14°38	12°12	15°52	16°16	2°10	3°34	25°12	3°44	29♒50	29°33	22°54	n.a.	M27
T 28	3 42 23	25°49'44	8♐29	16°11	12°53	16°37	16°23	2°14	3°31	25°14	3°44	29°38	29°29	23° 0	n.a.	T 28
W29	3 46 19	26°51'03	22°23	17°44	13°35	17°23	16°30	2°19	3°29	25°16	3°45	29°26	29°26	23° 7	n.a.	W29
T 30	3 50 16	27♏52'21	5♑51	19♏18	14♎18	18♑ 9	16♒38	2♒23	3♊26	25♎18	3♒46	29♒15	29♒23	23♓14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s 2	27 s52	4 s59	0 s57	2n21	3 s 5	1 s29	25 s21	1 s35	18 s19	1 s33	21 s58	1 s43	21n28	0n 4	7 s47	1n54	33 s50	14 s38	10 s51	11 s20	2 s28		n.a.
T 2	11 24	28 25	4 36	1 28	2 17	2 48	1 14	25 22	1 34	18 18	1 33	21 58	1 43	21 28	0 4	7 48	1 54	33 50	14 37	10 53	11 21	2 25		n.a.
F 3	11 46	27 19	3 58	2 1	2 12	2 33	1 0	25 23	1 34	18 17	1 33	21 57	1 43	21 27	0 4	7 49	1 54	33 50	14 37	10 55	11 22	2 21		n.a.
S 4	12 8	24 51	3 11	2 35	2 7	2 18	0 46	25 23	1 34	18 16	1 32	21 57	1 42	21 27	0 4	7 50	1 54	33 49	14 37	10 56	11 23	2 18		n.a.
S 5	12 29	21 17	2 15	3 10	2 2	2 5	0 33	25 23	1 33	18 15	1 32	21 56	1 42	21 27	0 4	7 51	1 54	33 49	14 36	10 56	11 24	2 15		n.a.
M 6	12 50	16 54	1 15	3 46	1 56	1 54	0 20	25 23	1 33	18 14	1 32	21 56	1 42	21 26	0 4	7 51	1 54	33 49	14 36	10 55	11 25	2 11		n.a.
T 7	13 11	11 55	0 12	4 23	1 50	1 43	0 7	25 22	1 32	18 13	1 31	21 55	1 42	21 26	0 4	7 52	1 54	33 48	14 36	10 55	11 26	2 8		n.a.
W 8	13 32	6 34	0n51	5 1	1 43	1 34	0n 6	25 21	1 32	18 11	1 31	21 54	1 42	21 25	0 4	7 53	1 54	33 48	14 36	10 55	11 28	2 4		n.a.
T 9	13 53	0 59	1 51	5 39	1 37	1 27	0 18	25 20	1 31	18 10	1 31	21 54	1 42	21 25	0 4	7 54	1 54	33 48	14 35	10 56	11 29	2 1		n.a.
F 10	14 13	4n39	2 47	6 17	1 30	1 20	0 29	25 19	1 31	18 8	1 31	21 53	1 42	21 25	0 4	7 55	1 54	33 47	14 35	10 58	11 30	1 58		n.a.
S 11	14 33	10 11	3 36	6 56	1 23	1 15	0 40	25 17	1 30	18 7	1 30	21 52	1 42	21 24	0 4	7 55	1 54	33 47	14 35	11 1	11 31	1 54		n.a.
S 12	14 53	15 24	4 16	7 35	1 16	1 11	0 51	25 15	1 30	18 5	1 30	21 51	1 42	21 24	0 4	7 56	1 54	33 46	14 34	11 5	11 32	1 51		n.a.
M13	15 13	20 5	4 44	8 14	1 9	1 9	1 2	25 13	1 29	18 4	1 30	21 51	1 41	21 23	0 4	7 57	1 54	33 46	14 34	11 9	11 33	1 47		n.a.
T 14	15 32	23 58	4 59	8 53	1 2	1 7	1 12	25 10	1 28	18 2	1 30	21 50	1 41	21 23	0 4	7 58	1 54	33 46	14 34	11 14	11 34	1 44		n.a.
W15	15 51	26 45	5 0	9 32	0 55	1 7	1 21	25 7	1 28	18 0	1 29	21 49	1 41	21 23	0 4	7 59	1 54	33 45	14 33	11 19	11 36	1 40		n.a.
T 16	16 10	28 11	4 45	10 11	0 48	1 8	1 30	25 4	1 27	17 59	1 29	21 48	1 41	21 22	0 4	7 59	1 54	33 45	14 33	11 23	11 37	1 37		n.a.
F 17	16 29	28 3	4 15	10 50	0 41	1 9	1 39	25 1	1 27	17 57	1 29	21 47	1 41	21 22	0 4	8 0	1 55	33 44	14 33	11 26	11 38	1 34		n.a.
S 18	16 47	26 19	3 31	11 28	0 34	1 12	1 47	24 57	1 26	17 55	1 29	21 46	1 41	21 21	0 4	8 1	1 55	33 44	14 32	11 28	11 39	1 30		n.a.
S 19	17 5	23 3	2 35	12 6	0 26	1 16	1 55	24 54	1 26	17 53	1 28	21 46	1 41	21 21	0 4	8 2	1 55	33 43	14 32	11 29	11 40	1 27		n.a.
M20	17 23	18 27	1 29	12 44	0 19	1 21	2 3	24 49	1 25	17 51	1 28	21 45	1 41	21 20	0 4	8 3	1 55	33 43	14 32	11 30	11 41	1 23		n.a.
T 21	17 40	12 49	0 16	13 22	0 12	1 27	2 10	24 45	1 25	17 49	1 28	21 44	1 41	21 20	0 4	8 3	1 55	33 43	14 31	11 30	11 42	1 20		n.a.
W22	17 57	6 26	0 s59	13 59	0 5	1 34	2 17	24 40	1 24	17 47	1 28	21 43	1 41	21 19	0 4	8 4	1 55	33 42	14 31	11 30	11 44	1 17		n.a.
T 23	18 14	0 s21	2 10	14 35	0 s 2	1 42	2 24	24 35	1 23	17 45	1 27	21 42	1 40	21 19	0 4	8 5	1 55	33 42	14 31	11 30	11 45	1 13		n.a.
F 24	18 30	7 12	3 15	15 12	0 8	1 50	2 30	24 30	1 23	17 42	1 27	21 41	1 40	21 18	0 4	8 6	1 55	33 41	14 31	11 32	11 46	1 10		n.a.
S 25	18 46	13 41	4 6	15 47	0 15	2 0	2 36	24 25	1 22	17 40	1 27	21 40	1 40	21 18	0 4	8 6	1 55	33 41	14 30	11 35	11 47	1 6		n.a.
S 26	19 2	19 25	4 42	16 22	0 22	2 10	2 41	24 19	1 22	17 38	1 27	21 39	1 40	21 17	0 4	8 7	1 55	33 40	14 30	11 38	11 48	1 3		n.a.
M27	19 17	23 58	4 59	16 56	0 28	2 21	2 47	24 13	1 21	17 36	1 26	21 38	1 40	21 17	0 4	8 8	1 55	33 40	14 30	11 43	11 49	1 0		n.a.
T 28	19 32	26 58	4 57	17 30	0 35	2 32	2 52	24 7	1 20	17 33	1 26	21 36	1 40	21 16	0 4	8 8	1 55	33 39	14 29	11 47	11 50	0 56		n.a.
W29	19 46	28 13	4 37	18 3	0 41	2 45	2 56	24 0	1 20	17 31	1 26	21 35	1 40	21 16	0 4	8 9	1 55	33 39	14 29	11 52	11 51	0 53		n.a.
T 30	20 s 1	27 s44	4 s 2	18 s35	0 s47	2 s58	3n 1	23 s53	1 s19	17 s28	1 s26	21 s34	1 s40	21n16	0n 4	8 s10	1n55	33 s38	14 s29	11 s55	11 s53	0 s49		n.a.

Julian Day Number = 1298767.5, Delta T = 07h52m20s
Ecliptic obliquity = 23°50'05, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'53, Lahiri = -19°55'53 Julian Calendar 1 Nov. 1158 BCE == Greg. Calendar 21 Oct. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1158 BCE
geocentric

DECEMBER 1158 BCE (-1157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 54 12	28♏53'38	18♉54	20♏52	15♎ 3	18♉54	16♒45	2♒28	3°R24	25♎20	3♒47	29°R 8	29♒20	23♓20	n.a.	F 1
S 2	3 58 9	29°54'55	1♒34	22°27	15°48	19°40	16°53	2°33	3♊21	25°22	3°47	29♒ 3	29°17	23°27	n.a.	S 2
S 3	4 2 5	0♐56'12	13°52	24° 2	16°34	20°26	17° 1	2°37	3°18	25°24	3°48	29° 1	29°14	23°34	n.a.	S 3
M 4	4 6 2	1°57'27	25°55	25°37	17°21	21°11	17° 9	2°42	3°16	25°26	3°49	29° 1	29°10	23°40	n.a.	M 4
T 5	4 9 59	2°58'42	7♓48	27°13	18° 9	21°57	17°17	2°47	3°13	25°27	3°50	29° 1	29° 7	23°47	n.a.	T 5
W 6	4 13 55	3°59'56	19°35	28°49	18°58	22°42	17°26	2°52	3°10	25°29	3°51	29° 0	29° 4	23°54	n.a.	W 6
T 7	4 17 52	5° 1'09	1♈24	0♐26	19°48	23°28	17°34	2°57	3° 8	25°31	3°52	28°57	29° 1	24° 0	n.a.	T 7
F 8	4 21 48	6° 2'21	13°18	2° 3	20°39	24°13	17°43	3° 2	3° 5	25°33	3°53	28°52	28°58	24° 7	n.a.	F 8
S 9	4 25 45	7° 3'33	25°23	3°40	21°30	24°59	17°52	3° 8	3° 3	25°35	3°54	28°45	28°55	24°14	n.a.	S 9
S 10	4 29 41	8° 4'43	7♉41	5°19	22°22	25°44	18° 0	3°13	3° 0	25°37	3°55	28°34	28°51	24°20	n.a.	S 10
M11	4 33 38	9° 5'53	20°14	6°57	23°15	26°30	18°10	3°18	2°57	25°38	3°56	28°21	28°48	24°27	n.a.	M11
T 12	4 37 34	10° 7'02	3♊ 3	8°37	24° 9	27°15	18°19	3°24	2°55	25°40	3°57	28° 8	28°45	24°34	n.a.	T 12
W13	4 41 31	11° 8'10	16° 8	10°16	25° 3	28° 1	18°28	3°29	2°52	25°42	3°58	27°54	28°42	24°40	n.a.	W13
T 14	4 45 28	12° 9'17	29°27	11°57	25°58	28°46	18°37	3°35	2°50	25°44	3°59	27°43	28°39	24°47	n.a.	T 14
F 15	4 49 24	13°10'23	12♋57	13°38	26°53	29°31	18°47	3°40	2°47	25°45	4° 0	27°33	28°35	24°54	n.a.	F 15
S 16	4 53 21	14°11'29	26°37	15°19	27°49	0♒17	18°57	3°46	2°45	25°47	4° 1	27°27	28°32	25° 0	n.a.	S 16
S 17	4 57 17	15°12'34	10♌24	17° 1	28°46	1° 2	19° 7	3°52	2°42	25°49	4° 2	27°24	28°29	25° 7	n.a.	S 17
M18	5 1 14	16°13'38	24°18	18°44	29°43	1°47	19°17	3°58	2°40	25°50	4° 3	27°D22	28°26	25°14	n.a.	M18
T 19	5 5 10	17°14'41	8♍17	20°27	0♏41	2°32	19°27	4° 4	2°37	25°52	4° 4	27°23	28°23	25°20	n.a.	T 19
W20	5 9 7	18°15'43	22°21	22°11	1°39	3°17	19°37	4°10	2°35	25°53	4° 5	27°R23	28°20	25°27	n.a.	W20
T 21	5 13 4	19°16'45	6♎29	23°55	2°37	4° 3	19°47	4°16	2°32	25°55	4° 7	27°21	28°16	25°34	n.a.	T 21
F 22	5 17 0	20°17'46	20°40	25°40	3°36	4°48	19°57	4°22	2°30	25°56	4° 8	27°18	28°13	25°40	n.a.	F 22
S 23	5 20 57	21°18'46	4♏52	27°26	4°36	5°33	20° 8	4°28	2°27	25°58	4° 9	27°12	28°10	25°47	n.a.	S 23
S 24	5 24 53	22°19'45	19° 1	29°11	5°36	6°18	20°19	4°34	2°25	25°59	4°10	27° 3	28° 7	25°54	n.a.	S 24
M25	5 28 50	23°20'43	3♐ 4	0♉57	6°36	7° 3	20°29	4°40	2°22	26° 1	4°12	26°53	28° 4	26° 0	n.a.	M25
T 26	5 32 46	24°21'40	16°54	2°44	7°37	7°48	20°40	4°47	2°20	26° 2	4°13	26°42	28° 1	26° 7	n.a.	T 26
W27	5 36 43	25°22'35	0♉29	4°30	8°38	8°33	20°51	4°53	2°18	26° 4	4°14	26°31	27°57	26°14	n.a.	W27
T 28	5 40 39	26°23'29	13°45	6°17	9°40	9°18	21° 2	4°59	2°15	26° 5	4°15	26°22	27°54	26°20	n.a.	T 28
F 29	5 44 36	27°24'22	26°41	8° 3	10°42	10° 3	21°14	5° 6	2°13	26° 6	4°17	26°15	27°51	26°27	n.a.	F 29
S 30	5 48 33	28°25'13	9♒17	9°49	11°44	10°48	21°25	5°12	2°11	26° 8	4°18	26°11	27°48	26°34	n.a.	S 30
S 31	5 52 29	29♐26'03	21♒35	11♉35	12♏47	11♒32	21♒36	5♒19	2♊ 9	26♎ 9	4♒19	26°D10	27♒45	26♓40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s15	25s42	3s15	19s 7	0s53	3s11	3n 5	23s46	1s19	17s26	1s25	21s33	1s40	21n15	0n 4	8s11	1n55	33s38	14s29	11s58	11s54	0s46		n.a.
S 2	20 28	22 25	2 20	19 38	0 59	3 25	3 8	23 39	1 18	17 23	1 25	21 32	1 40	21 15	0 4	8 11	1 55	33 38	14 28	12 0	11 55	0 42		n.a.
S 3	20 41	18 12	1 19	20 8	1 4	3 40	3 12	23 32	1 17	17 20	1 25	21 31	1 40	21 14	0 4	8 12	1 55	33 37	14 28	12 0	11 56	0 39		n.a.
M 4	20 54	13 21	0 16	20 36	1 10	3 55	3 15	23 24	1 17	17 18	1 25	21 29	1 39	21 14	0 4	8 13	1 55	33 37	14 28	12 0	11 57	0 36		n.a.
T 5	21 6	8 4	0n46	21 4	1 15	4 11	3 18	23 16	1 16	17 15	1 24	21 28	1 39	21 13	0 4	8 13	1 55	33 36	14 27	12 0	11 58	0 32		n.a.
W 6	21 18	2 33	1 47	21 31	1 20	4 28	3 21	23 8	1 15	17 12	1 24	21 27	1 39	21 13	0 4	8 14	1 55	33 36	14 27	12 1	11 59	0 29		n.a.
T 7	21 29	3n 3	2 42	21 57	1 25	4 44	3 23	22 59	1 15	17 9	1 24	21 26	1 39	21 12	0 4	8 15	1 55	33 35	14 27	12 2	12 0	0 25		n.a.
F 8	21 40	8 34	3 31	22 22	1 29	5 1	3 26	22 50	1 14	17 6	1 24	21 24	1 39	21 12	0 4	8 15	1 55	33 35	14 27	12 3	12 2	0 22		n.a.
S 9	21 51	13 52	4 12	22 46	1 34	5 19	3 28	22 41	1 13	17 3	1 23	21 23	1 39	21 11	0 4	8 16	1 55	33 34	14 26	12 6	12 3	0 19		n.a.
S 10	22 1	18 43	4 41	23 8	1 38	5 37	3 29	22 32	1 13	17 0	1 23	21 22	1 39	21 11	0 4	8 17	1 55	33 34	14 26	12 10	12 4	0 15		n.a.
M11	22 11	22 52	4 57	23 30	1 41	5 55	3 31	22 23	1 12	16 57	1 23	21 20	1 39	21 10	0 4	8 17	1 55	33 33	14 26	12 14	12 5	0 12		n.a.
T 12	22 20	26 0	4 59	23 50	1 45	6 14	3 32	22 13	1 12	16 54	1 23	21 19	1 39	21 10	0 4	8 18	1 55	33 33	14 26	12 19	12 6	0 8		n.a.
W13	22 29	27 50	4 46	24 8	1 48	6 33	3 33	22 3	1 11	16 51	1 23	21 18	1 39	21 9	0 4	8 18	1 55	33 32	14 25	12 24	12 7	0 5		n.a.
T 14	22 37	28 6	4 16	24 26	1 51	6 52	3 34	21 53	1 10	16 48	1 22	21 16	1 39	21 9	0 4	8 19	1 55	33 32	14 25	12 28	12 8	0 2		n.a.
F 15	22 45	26 43	3 32	24 42	1 54	7 12	3 35	21 43	1 10	16 45	1 22	21 15	1 39	21 8	0 4	8 20	1 55	33 31	14 25	12 31	12 9	0n 2		n.a.
S 16	22 53	23 43	2 35	24 56	1 56	7 31	3 35	21 33	1 9	16 41	1 22	21 13	1 39	21 8	0 4	8 20	1 55	33 31	14 25	12 33	12 11	0 5		n.a.
S 17	23 0	19 21	1 29	25 9	1 58	7 51	3 36	21 22	1 8	16 38	1 22	21 12	1 39	21 7	0 4	8 21	1 55	33 30	14 24	12 35	12 12	0 9		n.a.
M18	23 7	13 54	0 16	25 20	1 59	8 12	3 36	21 11	1 8	16 35	1 22	21 10	1 38	21 7	0 4	8 21	1 56	33 29	14 24	12 35	12 13	0 12		n.a.
T 19	23 13	7 43	0s58	25 29	2 0	8 32	3 36	21 0	1 7	16 31	1 21	21 9	1 38	21 6	0 4	8 22	1 56	33 29	14 24	12 35	12 14	0 15		n.a.
W20	23 18	1 7	2 9	25 37	2 1	8 52	3 36	20 49	1 6	16 28	1 21	21 7	1 38	21 6	0 5	8 22	1 56	33 28	14 24	12 35	12 15	0 19		n.a.
T 21	23 24	5s33	3 12	25 43	2 1	9 13	3 35	20 37	1 5	16 24	1 21	21 6	1 38	21 5	0 5	8 23	1 56	33 28	14 24	12 35	12 16	0 22		n.a.
F 22	23 28	11 57	4 4	25 46	2 1	9 34	3 35	20 26	1 5	16 21	1 21	21 4	1 38	21 5	0 5	8 23	1 56	33 27	14 23	12 37	12 17	0 26		n.a.
S 23	23 33	17 45	4 41	25 49	2 0	9 55	3 34	20 14	1 4	16 17	1 21	21 3	1 38	21 4	0 5	8 24	1 56	33 27	14 23	12 39	12 18	0 29		n.a.
S 24	23 36	22 34	5 0	25 49	1 59	10 16	3 33	20 2	1 3	16 13	1 20	21 1	1 38	21 4	0 5	8 24	1 56	33 26	14 23	12 42	12 19	0 32		n.a.
M25	23 40	26 2	5 1	25 47	1 57	10 37	3 32	19 50	1 3	16 10	1 20	21 0	1 38	21 3	0 5	8 25	1 56	33 26	14 23	12 45	12 21	0 36		n.a.
T 26	23 43	27 54	4 45	25 43	1 54	10 58	3 31	19 37	1 2	16 6	1 20	20 58	1 38	21 3	0 5	8 25	1 56	33 25	14 23	12 49	12 22	0 39		n.a.
W27	23 45	28 2	4 12	25 37	1 51	11 19	3 30	19 25	1 1	16 2	1 20	20 57	1 38	21 2	0 5	8 26	1 56	33 25	14 22	12 53	12 23	0 43		n.a.
T 28	23 47	26 32	3 26	25 28	1 48	11 40	3 28	19 12	1 1	15 59	1 20	20 55	1 38	21 2	0 5	8 26	1 56	33 24	14 22	12 56	12 24	0 46		n.a.
F 29	23 48	23 38	2 31	25 18	1 43	12 1	3 27	18 59	1 0	15 55	1 20	20 53	1 38	21 1	0 5	8 27	1 56	33 24	14 22	12 58	12 25	0 49		n.a.
S 30	23 49	19 39	1 29	25 6	1 38	12 21	3 25	18 46	0 59	15 51	1 19	20 52	1 38	21 1	0 5	8 27	1 56	33 23	14 22	13 0	12 26	0 53		n.a.
S 31	23s50	14s56	0s25	24s51	1s32	12s42	3n23	18s33	0s59	15s47	1s19	20s50	1s38	21n 0	0n 5	8s27	1n56	33s23	14s22	13s 0	12s27	0n56		n.a.

Julian Day Number = 1298797.5, Delta T = 07h52m19s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'49, Lahiri = -19°55'49 Julian Calendar 1 Dec. 1158 BCE == Greg. Calendar 20 Nov. 1158 BCE

The year -1157 astronomical counting style corresponds to year 1158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

JANUARY 1157 BCE (-1156) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 56 26	0♉26'50	3♓39	13♉20	13♏49	12♒17	21♒48	5♒26	2°R 6	26♎10	4♒21	26♒10	27♒41	26♓47	n.a.	M 1
T 2	6 0 22	1°27'36	15°33	15° 3	14°53	13° 2	21°59	5°32	2♊ 4	26°11	4°22	26°11	27°38	26°54	n.a.	T 2
W 3	6 4 19	2°28'20	27°22	16°46	15°56	13°47	22°11	5°39	2° 2	26°12	4°23	26°R12	27°35	27° 0	n.a.	W 3
T 4	6 8 15	3°29'03	9♈12	18°26	17° 0	14°31	22°23	5°46	2° 0	26°14	4°25	26°12	27°32	27° 7	n.a.	T 4
F 5	6 12 12	4°29'43	21° 7	20° 4	18° 4	15°16	22°34	5°52	1°58	26°15	4°26	26°10	27°29	27°14	n.a.	F 5
S 6	6 16 8	5°30'22	3♉13	21°40	19° 8	16° 1	22°46	5°59	1°56	26°16	4°28	26° 6	27°26	27°20	n.a.	S 6
S 7	6 20 5	6°30'59	15°35	23°12	20°12	16°45	22°58	6° 6	1°54	26°17	4°29	26° 0	27°22	27°27	n.a.	S 7
M 8	6 24 2	7°31'34	28°14	24°40	21°17	17°30	23°10	6°13	1°52	26°18	4°30	25°53	27°19	27°34	n.a.	M 8
T 9	6 27 58	8°32'07	11♊14	26° 4	22°22	18°14	23°23	6°20	1°50	26°19	4°32	25°44	27°16	27°40	n.a.	T 9
W10	6 31 55	9°32'38	24°35	27°22	23°27	18°59	23°35	6°27	1°48	26°20	4°33	25°36	27°13	27°47	n.a.	W10
T 11	6 35 51	10°33'08	8♋14	28°34	24°33	19°43	23°47	6°34	1°46	26°21	4°35	25°28	27°10	27°54	n.a.	T 11
F 12	6 39 48	11°33'36	22° 9	29°40	25°38	20°27	24° 0	6°41	1°44	26°22	4°36	25°23	27° 7	28° 0	n.a.	F 12
S 13	6 43 44	12°34'02	6♌16	0♒39	26°44	21°12	24°12	6°48	1°42	26°23	4°38	25°19	27° 3	28° 7	n.a.	S 13
S 14	6 47 41	13°34'26	20°31	1°30	27°50	21°56	24°25	6°55	1°41	26°23	4°39	25°D17	27° 0	28°14	n.a.	S 14
M15	6 51 38	14°34'48	4♍49	2°12	28°57	22°40	24°37	7° 2	1°39	26°24	4°41	25°18	26°57	28°20	n.a.	M15
T 16	6 55 34	15°35'09	19° 6	2°46	0♐ 3	23°25	24°50	7°10	1°37	26°25	4°42	25°19	26°54	28°27	n.a.	T 16
W17	6 59 31	16°35'29	3♎20	3° 9	1°10	24° 9	25° 3	7°17	1°36	26°26	4°44	25°20	26°51	28°34	n.a.	W17
T 18	7 3 27	17°35'46	17°29	3°24	2°16	24°53	25°16	7°24	1°34	26°26	4°45	25°R21	26°47	28°40	n.a.	T 18
F 19	7 7 24	18°36'02	1♏31	3°R28	3°23	25°37	25°28	7°31	1°32	26°27	4°47	25°20	26°44	28°47	n.a.	F 19
S 20	7 11 20	19°36'17	15°26	3°22	4°31	26°21	25°41	7°39	1°31	26°28	4°48	25°18	26°41	28°54	n.a.	S 20
S 21	7 15 17	20°36'30	29°11	3° 7	5°38	27° 5	25°54	7°46	1°29	26°28	4°50	25°14	26°38	29° 0	n.a.	S 21
M22	7 19 13	21°36'41	12♐46	2°43	6°45	27°49	26° 8	7°53	1°28	26°29	4°51	25° 9	26°35	29° 7	n.a.	M22
T 23	7 23 10	22°36'51	26° 9	2°10	7°53	28°33	26°21	8° 1	1°27	26°29	4°53	25° 3	26°32	29°14	n.a.	T 23
W24	7 27 6	23°36'58	9♑19	1°30	9° 1	29°17	26°34	8° 8	1°25	26°30	4°55	24°58	26°28	29°20	n.a.	W24
T 25	7 31 3	24°37'04	22°13	0°43	10° 9	0♓ 1	26°47	8°15	1°24	26°30	4°56	24°53	26°25	29°27	n.a.	T 25
F 26	7 35 0	25°37'08	4♒53	29♑50	11°17	0°44	27° 0	8°23	1°23	26°31	4°58	24°50	26°22	29°34	n.a.	F 26
S 27	7 38 56	26°37'09	17°19	28°54	12°25	1°28	27°14	8°30	1°22	26°31	4°59	24°49	26°19	29°40	n.a.	S 27
S 28	7 42 53	27°37'08	29°31	27°54	13°33	2°12	27°27	8°38	1°21	26°32	5° 1	24°D48	26°16	29°47	n.a.	S 28
M29	7 46 49	28°37'05	11♓32	26°54	14°41	2°56	27°41	8°45	1°19	26°32	5° 2	24°49	26°13	29°54	n.a.	M29
T 30	7 50 46	29°37'00	23°25	25°53	15°50	3°39	27°54	8°53	1°18	26°32	5° 4	24°51	26° 9	0♈ 0	n.a.	T 30
W31	7 54 42	0♒36'53	5♈14	24♑54	16♐58	4♓23	28♒ 8	9♒ 0	1♊17	26♎33	5♒ 6	24♒53	26♒ 6	0♈ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s50	9s43	0n40	24s35	1s26	13s 3	3n21	18s19	0s58	15s43	1s19	20s48	1s38	21n 0	0n 5	8s28	1n56	33s22	14s21	13s 0	12s28	1n 0			n.a.
T 2	23 50	4 13	1 42	24 16	1 18	13 24	3 19	18 6	0 57	15 39	1 19	20 47	1 38	21 0	0 5	8 28	1 56	33 22	14 21	13 0	12 30	1 3			n.a.
W 3	23 49	1n22	2 40	23 55	1 10	13 44	3 17	17 52	0 56	15 35	1 19	20 45	1 38	20 59	0 5	8 29	1 56	33 21	14 21	12 59	12 31	1 6			n.a.
T 4	23 47	6 55	3 30	23 33	1 1	14 5	3 15	17 38	0 56	15 31	1 19	20 43	1 38	20 59	0 5	8 29	1 56	33 21	14 21	12 59	12 32	1 10			n.a.
F 5	23 45	12 15	4 12	23 9	0 51	14 25	3 12	17 24	0 55	15 27	1 18	20 41	1 38	20 58	0 5	8 29	1 56	33 20	14 21	13 0	12 33	1 13			n.a.
S 6	23 43	17 13	4 43	22 44	0 41	14 45	3 10	17 10	0 54	15 23	1 18	20 40	1 38	20 58	0 5	8 30	1 57	33 20	14 21	13 1	12 34	1 17			n.a.
S 7	23 40	21 35	5 2	22 17	0 29	15 5	3 7	16 55	0 54	15 19	1 18	20 38	1 38	20 57	0 5	8 30	1 57	33 19	14 21	13 3	12 35	1 20			n.a.
M 8	23 37	25 5	5 7	21 49	0 17	15 25	3 5	16 41	0 53	15 15	1 18	20 36	1 38	20 57	0 5	8 30	1 57	33 19	14 20	13 6	12 36	1 23			n.a.
T 9	23 33	27 23	4 56	21 21	0 4	15 44	3 2	16 26	0 52	15 10	1 18	20 34	1 38	20 57	0 5	8 31	1 57	33 18	14 20	13 9	12 37	1 27			n.a.
W10	23 29	28 12	4 29	20 52	0n10	16 3	2 59	16 12	0 52	15 6	1 18	20 32	1 38	20 56	0 5	8 31	1 57	33 18	14 20	13 12	12 38	1 30			n.a.
T 11	23 24	27 21	3 47	20 23	0 24	16 22	2 56	15 57	0 51	15 2	1 18	20 31	1 38	20 56	0 5	8 31	1 57	33 17	14 20	13 14	12 39	1 34			n.a.
F 12	23 19	24 46	2 50	19 55	0 40	16 41	2 53	15 42	0 50	14 57	1 17	20 29	1 38	20 56	0 5	8 31	1 57	33 17	14 20	13 16	12 41	1 37			n.a.
S 13	23 14	20 39	1 41	19 27	0 55	17 0	2 50	15 27	0 49	14 53	1 17	20 27	1 38	20 55	0 5	8 32	1 57	33 16	14 20	13 18	12 42	1 40			n.a.
S 14	23 8	15 18	0 26	19 0	1 11	17 18	2 47	15 12	0 49	14 49	1 17	20 25	1 38	20 55	0 5	8 32	1 57	33 16	14 20	13 18	12 43	1 44			n.a.
M15	23 1	9 6	0s52	18 34	1 28	17 36	2 44	14 56	0 48	14 44	1 17	20 23	1 38	20 55	0 5	8 32	1 57	33 15	14 20	13 18	12 44	1 47			n.a.
T 16	22 54	2 28	2 6	18 11	1 44	17 53	2 40	14 41	0 47	14 40	1 17	20 21	1 38	20 54	0 5	8 32	1 57	33 15	14 20	13 18	12 45	1 50			n.a.
W17	22 47	4s16	3 12	17 50	2 0	18 10	2 37	14 25	0 47	14 35	1 17	20 20	1 38	20 54	0 5	8 33	1 57	33 14	14 20	13 17	12 46	1 54			n.a.
T 18	22 39	10 45	4 6	17 31	2 16	18 27	2 34	14 10	0 46	14 31	1 17	20 18	1 38	20 54	0 5	8 33	1 57	33 14	14 19	13 17	12 47	1 57			n.a.
F 19	22 31	16 38	4 45	17 14	2 32	18 43	2 30	13 54	0 45	14 26	1 17	20 16	1 38	20 53	0 5	8 33	1 57	33 13	14 19	13 17	12 48	2 1			n.a.
S 20	22 23	21 36	5 7	17 1	2 47	18 59	2 27	13 38	0 44	14 22	1 17	20 14	1 38	20 53	0 5	8 33	1 57	33 13	14 19	13 18	12 49	2 4			n.a.
S 21	22 13	25 21	5 11	16 51	3 1	19 15	2 23	13 22	0 44	14 17	1 16	20 12	1 38	20 53	0 5	8 33	1 57	33 12	14 19	13 19	12 50	2 7			n.a.
M22	22 4	27 36	4 57	16 44	3 13	19 30	2 19	13 6	0 43	14 13	1 16	20 10	1 38	20 52	0 5	8 34	1 57	33 12	14 19	13 21	12 52	2 11			n.a.
T 23	21 54	28 14	4 27	16 41	3 25	19 45	2 16	12 50	0 42	14 8	1 16	20 8	1 38	20 52	0 5	8 34	1 58	33 11	14 19	13 23	12 53	2 14			n.a.
W24	21 44	27 13	3 43	16 40	3 35	19 59	2 12	12 34	0 42	14 3	1 16	20 6	1 38	20 52	0 5	8 34	1 58	33 11	14 19	13 25	12 54	2 18			n.a.
T 25	21 33	24 45	2 49	16 43	3 42	20 13	2 8	12 17	0 41	13 59	1 16	20 4	1 38	20 52	0 5	8 34	1 58	33 11	14 19	13 26	12 55	2 21			n.a.
F 26	21 22	21 5	1 47	16 48	3 48	20 27	2 5	12 1	0 40	13 54	1 16	20 2	1 38	20 51	0 5	8 34	1 58	33 10	14 19	13 27	12 56	2 24			n.a.
S 27	21 11	16 33	0 41	16 56	3 52	20 40	2 1	11 45	0 40	13 49	1 16	20 0	1 38	20 51	0 5	8 34	1 58	33 10	14 19	13 28	12 57	2 28			n.a.
S 28	20 59	11 26	0n26	17 6	3 54	20 52	1 57	11 28	0 39	13 44	1 16	19 58	1 38	20 51	0 5	8 34	1 58	33 9	14 19	13 28	12 58	2 31			n.a.
M29	20 47	5 58	1 31	17 18	3 54	21 4	1 53	11 11	0 38	13 39	1 16	19 56	1 38	20 51	0 5	8 34	1 58	33 9	14 19	13 28	12 59	2 34			n.a.
T 30	20 34	0 21	2 31	17 32	3 51	21 15	1 49	10 55	0 37	13 35	1 15	19 54	1 38	20 50	0 5	8 34	1 58	33 8	14 19	13 27	13 0	2 38			n.a.
W31	20s21	5n14	3n24	17s47	3n47	21s26	1n45	10s38	0s37	13s30	1s15	19s52	1s38	20n50	0n 5	8s34	1n58	33s 8	14s19	13s27	13s 1	2n41			n.a.

Julian Day Number = 1298828.5, Delta T = 07h52m17s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'45, Lahiri = -19°55'44 Julian Calendar 1 Jan. 1157 BCE == Greg. Calendar 21 Dec. 1158 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

FEBRUARY 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 39	1♒36'43	17♈ 4	23°R58	18♐ 7	5♓ 6	28♒21	9♒ 8	1°R16	26♎33	5♒ 7	24♒54	26♒ 3	0♈14	n.a.	T 1
F 2	8 2 35	2°36'30	28°59	23♑ 5	19°16	5°50	28°35	9°15	1♊16	26°33	5° 9	24°R55	26° 0	0°20	n.a.	F 2
S 3	8 6 32	3°36'16	11♉ 5	22°16	20°24	6°33	28°49	9°23	1°15	26°33	5°10	24°55	25°57	0°27	n.a.	S 3
S 4	8 10 29	4°35'59	23°25	21°33	21°33	7°17	29° 2	9°30	1°14	26°33	5°12	24°54	25°53	0°34	n.a.	S 4
M 5	8 14 25	5°35'39	6♊ 4	20°56	22°43	8° 0	29°16	9°38	1°13	26°33	5°13	24°52	25°50	0°40	n.a.	M 5
T 6	8 18 22	6°35'17	19° 6	20°25	23°52	8°43	29°30	9°45	1°13	26°33	5°15	24°49	25°47	0°47	n.a.	T 6
W 7	8 22 18	7°34'53	2♋31	20° 0	25° 1	9°27	29°44	9°53	1°12	26°34	5°17	24°47	25°44	0°54	n.a.	W 7
T 8	8 26 15	8°34'27	16°21	19°41	26°10	10°10	29°58	10° 0	1°11	26°R34	5°18	24°44	25°41	1° 0	n.a.	T 8
F 9	8 30 11	9°33'58	0♌32	19°29	27°20	10°53	0♓12	10° 8	1°11	26°33	5°20	24°43	25°38	1° 7	n.a.	F 9
S 10	8 34 8	10°33'27	15° 1	19°23	28°29	11°36	0°26	10°15	1°10	26°33	5°21	24°42	25°34	1°14	n.a.	S 10
S 11	8 38 4	11°32'54	29°42	19°D23	29°39	12°19	0°40	10°23	1°10	26°33	5°23	24°D42	25°31	1°20	n.a.	S 11
M12	8 42 1	12°32'19	14♍27	19°28	0♑48	13° 2	0°54	10°30	1°10	26°33	5°24	24°42	25°28	1°27	n.a.	M12
T 13	8 45 58	13°31'41	29°11	19°39	1°58	13°45	1° 8	10°38	1° 9	26°33	5°26	24°43	25°25	1°34	n.a.	T 13
W14	8 49 54	14°31'02	13♎46	19°56	3° 8	14°28	1°22	10°45	1° 9	26°33	5°28	24°44	25°22	1°40	n.a.	W14
T 15	8 53 51	15°30'21	28°10	20°18	4°18	15°11	1°36	10°53	1° 9	26°33	5°29	24°45	25°19	1°47	n.a.	T 15
F 16	8 57 47	16°29'37	12♏17	20°44	5°28	15°54	1°50	11° 1	1° 9	26°32	5°31	24°R45	25°15	1°54	n.a.	F 16
S 17	9 1 44	17°28'53	26° 8	21°15	6°38	16°37	2° 4	11° 8	1° 9	26°32	5°32	24°45	25°12	2° 0	n.a.	S 17
S 18	9 5 40	18°28'06	9♐41	21°50	7°48	17°19	2°18	11°16	1°D 9	26°32	5°34	24°45	25° 9	2° 7	n.a.	S 18
M19	9 9 37	19°27'17	22°57	22°30	8°58	18° 2	2°32	11°23	1° 9	26°31	5°35	24°44	25° 6	2°14	n.a.	M19
T 20	9 13 33	20°26'27	5♑58	23°13	10° 8	18°45	2°47	11°31	1° 9	26°31	5°37	24°44	25° 3	2°20	n.a.	T 20
W21	9 17 30	21°25'34	18°45	23°59	11°18	19°27	3° 1	11°38	1° 9	26°31	5°38	24°43	24°59	2°27	n.a.	W21
T 22	9 21 26	22°24'39	1♒18	24°49	12°29	20°10	3°15	11°46	1° 9	26°30	5°40	24°43	24°56	2°34	n.a.	T 22
F 23	9 25 23	23°23'43	13°40	25°42	13°39	20°53	3°29	11°53	1° 9	26°30	5°42	24°43	24°53	2°41	n.a.	F 23
S 24	9 29 20	24°22'44	25°51	26°39	14°50	21°35	3°44	12° 0	1° 9	26°29	5°43	24°43	24°50	2°47	n.a.	S 24
S 25	9 33 16	25°21'43	7♓54	27°38	16° 0	22°17	3°58	12° 8	1°10	26°29	5°45	24°43	24°47	2°54	n.a.	S 25
M26	9 37 13	26°20'39	19°49	28°40	17°11	23° 0	4°12	12°15	1°10	26°28	5°46	24°42	24°44	3° 1	n.a.	M26
T 27	9 41 9	27°19'33	1♈40	29°44	18°21	23°42	4°27	12°23	1°11	26°27	5°48	24°42	24°40	3° 7	n.a.	T 27
W28	9 45 6	28°18'25	13°30	0♒51	19°32	24°25	4°41	12°30	1°11	26°27	5°49	24°42	24°37	3°14	n.a.	W28
T 29	9 49 2	29♒17'15	25♈20	2♒ 0	20♑42	25♓ 7	4♓55	12♒37	1♊12	26♎26	5♒51	24♒41	24♒34	3♈21	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 8	10n38	4n 9	18s 3	3n41	21s37	1n41	10s21	0s36	13s25	1s15	19s50	1s38	20n50	0n 5	8s34	1n58	33s 7	14s19	13s26	13s 3	2n44		n.a.
F 2	19 54	15 42	4 44	18 20	3 33	21 47	1 37	10 4	0 35	13 20	1 15	19 48	1 38	20 50	0 5	8 34	1 58	33 7	14 19	13 26	13 4	2 48		n.a.
S 3	19 40	20 14	5 6	18 37	3 24	21 56	1 33	9 47	0 35	13 15	1 15	19 46	1 38	20 50	0 5	8 34	1 58	33 7	14 19	13 26	13 5	2 51		n.a.
S 4	19 26	24 1	5 15	18 54	3 13	22 4	1 29	9 30	0 34	13 10	1 15	19 44	1 38	20 50	0 5	8 34	1 58	33 6	14 19	13 26	13 6	2 55		n.a.
M 5	19 11	26 45	5 9	19 11	3 2	22 13	1 25	9 13	0 33	13 5	1 15	19 42	1 38	20 49	0 5	8 34	1 58	33 6	14 19	13 27	13 7	2 58		n.a.
T 6	18 56	28 9	4 48	19 28	2 49	22 20	1 21	8 56	0 33	13 0	1 15	19 40	1 38	20 49	0 5	8 34	1 58	33 5	14 19	13 28	13 8	3 1		n.a.
W 7	18 41	27 58	4 10	19 44	2 36	22 27	1 17	8 39	0 32	12 55	1 15	19 38	1 38	20 49	0 5	8 34	1 58	33 5	14 19	13 29	13 9	3 5		n.a.
T 8	18 25	26 4	3 16	20 0	2 23	22 33	1 13	8 22	0 31	12 50	1 15	19 36	1 38	20 49	0 5	8 34	1 59	33 5	14 19	13 29	13 10	3 8		n.a.
F 9	18 9	22 29	2 10	20 16	2 9	22 39	1 9	8 4	0 30	12 45	1 15	19 34	1 38	20 49	0 5	8 34	1 59	33 4	14 19	13 30	13 11	3 11		n.a.
S 10	17 53	17 27	0 53	20 31	1 55	22 44	1 5	7 47	0 30	12 40	1 15	19 32	1 38	20 49	0 5	8 34	1 59	33 4	14 19	13 30	13 12	3 15		n.a.
S 11	17 36	11 20	0s28	20 44	1 41	22 49	1 1	7 30	0 29	12 35	1 15	19 30	1 38	20 49	0 5	8 34	1 59	33 4	14 19	13 30	13 13	3 18		n.a.
M12	17 19	4 34	1 47	20 57	1 27	22 52	0 58	7 12	0 28	12 30	1 15	19 28	1 38	20 49	0 5	8 34	1 59	33 3	14 19	13 30	13 15	3 21		n.a.
T 13	17 2	2s25	3 0	21 9	1 14	22 56	0 54	6 55	0 28	12 25	1 14	19 26	1 38	20 49	0 5	8 34	1 59	33 3	14 19	13 30	13 16	3 25		n.a.
W14	16 45	9 11	4 0	21 20	1 0	22 58	0 50	6 38	0 27	12 19	1 14	19 24	1 39	20 49	0 5	8 34	1 59	33 2	14 19	13 30	13 17	3 28		n.a.
T 15	16 27	15 24	4 44	21 30	0 47	23 0	0 46	6 20	0 26	12 14	1 14	19 22	1 39	20 49	0 5	8 34	1 59	33 2	14 20	13 29	13 18	3 31		n.a.
F 16	16 9	20 40	5 10	21 39	0 34	23 1	0 42	6 3	0 26	12 9	1 14	19 20	1 39	20 48	0 5	8 33	1 59	33 2	14 20	13 29	13 19	3 35		n.a.
S 17	15 51	24 44	5 17	21 47	0 21	23 2	0 38	5 45	0 25	12 4	1 14	19 18	1 39	20 48	0 5	8 33	1 59	33 1	14 20	13 29	13 20	3 38		n.a.
S 18	15 32	27 19	5 6	21 53	0 9	23 2	0 34	5 28	0 24	11 59	1 14	19 16	1 39	20 48	0 5	8 33	1 59	33 1	14 20	13 29	13 21	3 41		n.a.
M19	15 14	28 18	4 40	21 58	0s 3	23 1	0 30	5 10	0 24	11 53	1 14	19 14	1 39	20 48	0 5	8 33	1 59	33 1	14 20	13 30	13 22	3 45		n.a.
T 20	14 55	27 40	3 59	22 2	0 14	23 0	0 26	4 52	0 23	11 48	1 14	19 12	1 39	20 48	0 5	8 33	1 59	33 0	14 20	13 30	13 23	3 48		n.a.
W21	14 36	25 35	3 7	22 5	0 25	22 58	0 23	4 35	0 22	11 43	1 14	19 10	1 39	20 49	0 5	8 32	1 59	33 0	14 20	13 30	13 24	3 51		n.a.
T 22	14 16	22 15	2 6	22 6	0 36	22 56	0 19	4 17	0 21	11 38	1 14	19 8	1 39	20 49	0 5	8 32	1 59	33 0	14 20	13 30	13 25	3 55		n.a.
F 23	13 57	17 58	1 1	22 6	0 46	22 52	0 15	4 0	0 21	11 32	1 14	19 6	1 39	20 49	0 5	8 32	1 59	33 0	14 20	13 30	13 26	3 58		n.a.
S 24	13 37	13 1	0n 6	22 5	0 56	22 48	0 11	3 42	0 20	11 27	1 14	19 4	1 39	20 49	0 5	8 32	2 0	32 59	14 21	13 30	13 28	4 2		n.a.
S 25	13 17	7 38	1 13	22 2	1 5	22 44	0 8	3 24	0 19	11 22	1 14	19 2	1 39	20 49	0 5	8 31	2 0	32 59	14 21	13 30	13 29	4 5		n.a.
M26	12 56	2 2	2 15	21 58	1 13	22 38	0 4	3 7	0 19	11 16	1 14	19 0	1 39	20 49	0 5	8 31	2 0	32 59	14 21	13 30	13 30	4 8		n.a.
T 27	12 36	3n35	3 11	21 52	1 22	22 33	0 1	2 49	0 18	11 11	1 14	18 58	1 40	20 49	0 5	8 31	2 0	32 58	14 21	13 30	13 31	4 12		n.a.
W28	12 15	9 4	3 59	21 45	1 29	22 26	0s 3	2 31	0 17	11 6	1 14	18 55	1 40	20 49	0 5	8 31	2 0	32 58	14 21	13 30	13 32	4 15		n.a.
T 29	11s55	14n14	4n37	21s36	1s36	22s19	0s 6	2s14	0s17	11s 0	1s14	18s53	1s40	20n49	0n 5	8s30	2n 0	32s58	14s21	13s30	13s33	4n18		n.a.

Julian Day Number = 1298859.5, Delta T = 07h52m15s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'41, Lahiri = -19°55'40 Julian Calendar 1 Feb. 1157 BCE == Greg. Calendar 21 Jan. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

MARCH 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 52 59	0♓16'02	7♉15	3♒12	21♉53	25♓49	5♓10	12♒45	1♊12	26°R25	5♒52	24°R41	24♒31	3♈27	n.a.	F 1
S 2	9 56 55	1°14'48	19°19	4°26	23° 4	26°31	5°24	12°52	1°13	26♎25	5°53	24♒40	24°28	3°34	n.a.	S 2
S 3	10 0 52	2°13'30	1♊37	5°41	24°15	27°13	5°38	12°59	1°14	26°24	5°55	24°D40	24°24	3°41	n.a.	S 3
M 4	10 4 48	3°12'11	14°12	6°59	25°25	27°56	5°53	13° 7	1°14	26°23	5°56	24°40	24°21	3°47	n.a.	M 4
T 5	10 8 45	4°10'49	27° 9	8°19	26°36	28°38	6° 7	13°14	1°15	26°22	5°58	24°41	24°18	3°54	n.a.	T 5
W 6	10 12 42	5° 9'24	10♋31	9°41	27°47	29°20	6°21	13°21	1°16	26°21	5°59	24°42	24°15	4° 1	n.a.	W 6
T 7	10 16 38	6° 7'58	24°19	11° 5	28°58	0♈ 2	6°36	13°28	1°17	26°21	6° 1	24°43	24°12	4° 7	n.a.	T 7
F 8	10 20 35	7° 6'29	8♌33	12°30	0♒ 9	0°43	6°50	13°35	1°18	26°20	6° 2	24°43	24° 9	4°14	n.a.	F 8
S 9	10 24 31	8° 4'58	23°11	13°58	1°20	1°25	7° 4	13°42	1°19	26°19	6° 3	24°R44	24° 5	4°21	n.a.	S 9
S 10	10 28 28	9° 3'24	8♍ 6	15°27	2°31	2° 7	7°19	13°50	1°20	26°18	6° 5	24°43	24° 2	4°27	n.a.	S 10
M11	10 32 24	10° 1'49	23°12	16°58	3°42	2°49	7°33	13°57	1°21	26°17	6° 6	24°42	23°59	4°34	n.a.	M11
T 12	10 36 21	11° 0'11	8♎19	18°30	4°54	3°31	7°48	14° 4	1°22	26°16	6° 7	24°41	23°56	4°41	n.a.	T 12
W13	10 40 17	11°58'32	23°17	20° 5	6° 5	4°12	8° 2	14°11	1°23	26°15	6° 9	24°39	23°53	4°47	n.a.	W13
T 14	10 44 14	12°56'51	8♏ 0	21°41	7°16	4°54	8°16	14°18	1°25	26°14	6°10	24°36	23°50	4°54	n.a.	T 14
F 15	10 48 11	13°55'09	22°21	23°19	8°27	5°36	8°30	14°25	1°26	26°13	6°11	24°35	23°46	5° 1	n.a.	F 15
S 16	10 52 7	14°53'24	6♐19	24°58	9°38	6°17	8°45	14°31	1°27	26°12	6°13	24°34	23°43	5° 7	n.a.	S 16
S 17	10 56 4	15°51'39	19°51	26°40	10°50	6°59	8°59	14°38	1°29	26°11	6°14	24°D33	23°40	5°14	n.a.	S 17
M18	11 0 0	16°49'51	3♑ 1	28°23	12° 1	7°40	9°13	14°45	1°30	26° 9	6°15	24°34	23°37	5°21	n.a.	M18
T 19	11 3 57	17°48'02	15°50	0♓ 7	13°13	8°22	9°28	14°52	1°32	26° 8	6°17	24°36	23°34	5°27	n.a.	T 19
W20	11 7 53	18°46'12	28°22	1°54	14°24	9° 3	9°42	14°59	1°33	26° 7	6°18	24°37	23°30	5°34	n.a.	W20
T 21	11 11 50	19°44'19	10♒40	3°42	15°35	9°44	9°56	15° 5	1°35	26° 6	6°19	24°39	23°27	5°41	n.a.	T 21
F 22	11 15 46	20°42'25	22°47	5°32	16°47	10°26	10°10	15°12	1°37	26° 5	6°20	24°R39	23°24	5°47	n.a.	F 22
S 23	11 19 43	21°40'29	4♓47	7°24	17°58	11° 7	10°25	15°19	1°38	26° 3	6°21	24°39	23°21	5°54	n.a.	S 23
S 24	11 23 39	22°38'32	16°41	9°17	19°10	11°48	10°39	15°25	1°40	26° 2	6°23	24°37	23°18	6° 1	n.a.	S 24
M25	11 27 36	23°36'33	28°31	11°13	20°22	12°29	10°53	15°32	1°42	26° 1	6°24	24°34	23°15	6° 8	n.a.	M25
T 26	11 31 33	24°34'31	10♈21	13° 9	21°33	13°11	11° 7	15°38	1°44	26° 0	6°25	24°29	23°11	6°14	n.a.	T 26
W27	11 35 29	25°32'29	22°11	15° 8	22°45	13°52	11°21	15°44	1°46	25°58	6°26	24°24	23° 8	6°21	n.a.	W27
T 28	11 39 26	26°30'24	4♉ 4	17° 8	23°56	14°33	11°35	15°51	1°48	25°57	6°27	24°18	23° 5	6°28	n.a.	T 28
F 29	11 43 22	27°28'17	16° 2	19°10	25° 8	15°14	11°49	15°57	1°50	25°56	6°28	24°13	23° 2	6°34	n.a.	F 29
S 30	11 47 19	28°26'09	28° 8	21°14	26°20	15°55	12° 3	16° 3	1°52	25°54	6°29	24° 8	22°59	6°41	n.a.	S 30
S 31	11 51 15	29♓23'59	10♊26	23♓18	27♒31	16♈36	12♓17	16♒10	1♊54	25♎53	6♒30	24♒ 5	22♒56	6♈48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s34	18n55	5n 3	21s26	1s43	22s11	0s10	1s56	0s16	10s55	1s14	18s51	1s40	20n49	0n 5	8s30	2n 0	32s58	14s21	13s31	13s34	4n21		n.a.
S 2	11 13	22 54	5 16	21 14	1 49	22 3	0 13	1 38	0 15	10 50	1 14	18 49	1 40	20 49	0 5	8 30	2 0	32 57	14 22	13 31	13 35	4 25		n.a.
S 3	10 51	25 57	5 15	21 1	1 55	21 54	0 17	1 21	0 15	10 44	1 14	18 47	1 40	20 50	0 5	8 29	2 0	32 57	14 22	13 31	13 36	4 28		n.a.
M 4	10 30	27 50	4 59	20 46	2 0	21 44	0 20	1 3	0 14	10 39	1 14	18 45	1 40	20 50	0 5	8 29	2 0	32 57	14 22	13 31	13 37	4 31		n.a.
T 5	10 8	28 16	4 28	20 30	2 5	21 33	0 23	0 46	0 13	10 33	1 14	18 43	1 40	20 50	0 5	8 29	2 0	32 57	14 22	13 31	13 38	4 35		n.a.
W 6	9 46	27 5	3 41	20 11	2 9	21 23	0 26	0 28	0 13	10 28	1 14	18 41	1 40	20 50	0 5	8 28	2 0	32 56	14 22	13 30	13 39	4 38		n.a.
T 7	9 25	24 15	2 41	19 52	2 13	21 11	0 29	0 10	0 12	10 23	1 14	18 39	1 41	20 50	0 5	8 28	2 0	32 56	14 22	13 30	13 40	4 41		n.a.
F 8	9 3	19 51	1 28	19 30	2 16	20 59	0 32	0n 7	0 11	10 17	1 14	18 37	1 41	20 51	0 5	8 28	2 0	32 56	14 23	13 30	13 42	4 45		n.a.
S 9	8 41	14 9	0 9	19 7	2 19	20 46	0 35	0 25	0 11	10 12	1 14	18 35	1 41	20 51	0 5	8 27	2 0	32 56	14 23	13 30	13 43	4 48		n.a.
S 10	8 18	7 32	1s13	18 42	2 21	20 33	0 38	0 42	0 10	10 6	1 14	18 33	1 41	20 51	0 5	8 27	2 0	32 56	14 23	13 30	13 44	4 51		n.a.
M11	7 56	0 26	2 31	18 16	2 22	20 19	0 41	1 0	0 10	10 1	1 14	18 32	1 41	20 51	0 5	8 27	2 0	32 56	14 23	13 30	13 45	4 55		n.a.
T 12	7 34	6s41	3 38	17 48	2 24	20 4	0 44	1 17	0 9	9 55	1 14	18 30	1 41	20 51	0 5	8 26	2 0	32 55	14 23	13 31	13 46	4 58		n.a.
W13	7 11	13 21	4 30	17 18	2 24	19 49	0 47	1 34	0 8	9 50	1 14	18 28	1 41	20 52	0 5	8 26	2 0	32 55	14 24	13 31	13 47	5 1		n.a.
T 14	6 48	19 10	5 3	16 47	2 24	19 34	0 50	1 52	0 8	9 45	1 14	18 26	1 41	20 52	0 5	8 25	2 0	32 55	14 24	13 32	13 48	5 5		n.a.
F 15	6 26	23 44	5 15	16 14	2 24	19 17	0 52	2 9	0 7	9 39	1 14	18 24	1 42	20 52	0 5	8 25	2 1	32 55	14 24	13 33	13 49	5 8		n.a.
S 16	6 3	26 47	5 9	15 39	2 23	19 1	0 55	2 26	0 6	9 34	1 14	18 22	1 42	20 53	0 5	8 24	2 1	32 55	14 24	13 33	13 50	5 11		n.a.
S 17	5 40	28 11	4 45	15 2	2 21	18 43	0 57	2 44	0 6	9 28	1 14	18 20	1 42	20 53	0 5	8 24	2 1	32 55	14 25	13 33	13 51	5 15		n.a.
M18	5 17	27 55	4 7	14 24	2 19	18 26	1 0	3 1	0 5	9 23	1 14	18 18	1 42	20 53	0 5	8 23	2 1	32 55	14 25	13 33	13 52	5 18		n.a.
T 19	4 54	26 9	3 18	13 44	2 16	18 7	1 2	3 18	0 4	9 17	1 14	18 16	1 42	20 53	0 5	8 23	2 1	32 54	14 25	13 32	13 53	5 21		n.a.
W20	4 31	23 6	2 20	13 2	2 13	17 49	1 5	3 35	0 4	9 12	1 14	18 14	1 42	20 54	0 5	8 23	2 1	32 54	14 25	13 32	13 54	5 24		n.a.
T 21	4 8	19 4	1 16	12 19	2 9	17 29	1 7	3 52	0 3	9 7	1 14	18 12	1 42	20 54	0 5	8 22	2 1	32 54	14 26	13 31	13 55	5 28		n.a.
F 22	3 44	14 18	0 10	11 34	2 5	17 10	1 9	4 9	0 2	9 1	1 14	18 10	1 43	20 54	0 5	8 22	2 1	32 54	14 26	13 31	13 56	5 31		n.a.
S 23	3 21	9 4	0n55	10 47	2 0	16 49	1 11	4 26	0 2	8 56	1 14	18 9	1 43	20 55	0 5	8 21	2 1	32 54	14 26	13 31	13 58	5 34		n.a.
S 24	2 58	3 32	1 58	9 59	1 55	16 29	1 13	4 43	0 1	8 50	1 14	18 7	1 43	20 55	0 5	8 21	2 1	32 54	14 26	13 32	13 59	5 38		n.a.
M25	2 35	2n 4	2 55	9 9	1 49	16 7	1 15	5 0	0 1	8 45	1 14	18 5	1 43	20 56	0 5	8 20	2 1	32 54	14 27	13 33	14 0	5 41		n.a.
T 26	2 11	7 35	3 44	8 18	1 42	15 46	1 17	5 17	0n 0	8 39	1 14	18 3	1 43	20 56	0 5	8 20	2 1	32 54	14 27	13 35	14 1	5 44		n.a.
W27	1 48	12 51	4 24	7 25	1 35	15 24	1 19	5 34	0 1	8 34	1 14	18 1	1 43	20 56	0 5	8 19	2 1	32 54	14 27	13 36	14 2	5 47		n.a.
T 28	1 25	17 39	4 52	6 30	1 28	15 1	1 20	5 51	0 1	8 29	1 14	18 0	1 44	20 57	0 5	8 19	2 1	32 54	14 27	13 38	14 3	5 51		n.a.
F 29	1 1	21 49	5 8	5 34	1 20	14 39	1 22	6 7	0 2	8 23	1 14	17 58	1 44	20 57	0 5	8 18	2 1	32 54	14 28	13 40	14 4	5 54		n.a.
S 30	0 38	25 7	5 11	4 37	1 11	14 15	1 24	6 24	0 2	8 18	1 14	17 56	1 44	20 58	0 5	8 17	2 1	32 54	14 28	13 42	14 5	5 57		n.a.
S 31	0s15	27n19	4n59	3s39	1s 3	13s52	1s25	6n41	0n 3	8s12	1s14	17s54	1s44	20n58	0n 5	8s17	2n 1	32s54	14s28	13s43	14s 6	6n 1		n.a.

Julian Day Number = 1298888.5, Delta T = 07h52m14s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'37, Lahiri = -19°55'36 Julian Calendar 1 March 1157 BCE == Greg. Calendar 19 Feb. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

APRIL 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 55 12	0♈21'47	22♊59	25♓25	28♒43	17♈17	12♓31	16♒16	1♊56	25°R51	6♒31	24°R 3	22♒52	6♈54	n.a.	M 1
T 2	11 59 8	1°19'33	5♋51	27°32	29°55	17°58	12°45	16°22	1°58	25♎50	6°32	24°D 3	22°49	7° 1	n.a.	T 2
W 3	12 3 5	2°17'17	19° 5	29°41	1♓ 7	18°38	12°59	16°28	2° 0	25°49	6°33	24♒ 4	22°46	7° 8	n.a.	W 3
T 4	12 7 2	3°15'00	2♌45	1♈50	2°19	19°19	13°13	16°34	2° 2	25°47	6°34	24° 6	22°43	7°14	n.a.	T 4
F 5	12 10 58	4°12'41	16°51	4° 0	3°30	20° 0	13°27	16°40	2° 5	25°46	6°35	24°R 7	22°40	7°21	n.a.	F 5
S 6	12 14 55	5°10'19	1♍24	6°11	4°42	20°41	13°41	16°46	2° 7	25°44	6°36	24° 7	22°36	7°28	n.a.	S 6
S 7	12 18 51	6° 7'57	16°19	8°21	5°54	21°21	13°55	16°52	2° 9	25°43	6°37	24° 5	22°33	7°34	n.a.	S 7
M 8	12 22 48	7° 5'32	1♎30	10°32	7° 6	22° 2	14° 8	16°57	2°12	25°41	6°38	24° 1	22°30	7°41	n.a.	M 8
T 9	12 26 44	8° 3'06	16°47	12°42	8°18	22°43	14°22	17° 3	2°14	25°40	6°39	23°56	22°27	7°48	n.a.	T 9
W10	12 30 41	9° 0'39	1♏59	14°52	9°30	23°23	14°36	17° 9	2°17	25°38	6°40	23°50	22°24	7°54	n.a.	W10
T 11	12 34 37	9°58'11	16°57	17° 1	10°42	24° 4	14°49	17°14	2°19	25°37	6°41	23°43	22°21	8° 1	n.a.	T 11
F 12	12 38 34	10°55'41	1♐32	19° 9	11°54	24°44	15° 3	17°20	2°22	25°35	6°42	23°37	22°17	8° 8	n.a.	F 12
S 13	12 42 31	11°53'11	15°40	21°15	13° 6	25°25	15°17	17°25	2°24	25°33	6°42	23°32	22°14	8°15	n.a.	S 13
S 14	12 46 27	12°50'39	29°19	23°20	14°18	26° 5	15°30	17°31	2°27	25°32	6°43	23°30	22°11	8°21	n.a.	S 14
M15	12 50 24	13°48'07	12♑30	25°22	15°30	26°45	15°43	17°36	2°30	25°30	6°44	23°D29	22° 8	8°28	n.a.	M15
T 16	12 54 20	14°45'34	25°17	27°23	16°42	27°26	15°57	17°41	2°32	25°29	6°45	23°29	22° 5	8°35	n.a.	T 16
W17	12 58 17	15°42'59	7♒43	29°21	17°54	28° 6	16°10	17°46	2°35	25°27	6°45	23°30	22° 1	8°41	n.a.	W17
T 18	13 2 13	16°40'24	19°54	1♉17	19° 6	28°46	16°24	17°51	2°38	25°26	6°46	23°R31	21°58	8°48	n.a.	T 18
F 19	13 6 10	17°37'48	1♓53	3°11	20°19	29°26	16°37	17°56	2°41	25°24	6°47	23°31	21°55	8°55	n.a.	F 19
S 20	13 10 6	18°35'11	13°46	5° 2	21°31	0♉ 7	16°50	18° 1	2°43	25°22	6°47	23°28	21°52	9° 1	n.a.	S 20
S 21	13 14 3	19°32'33	25°35	6°50	22°43	0°47	17° 3	18° 6	2°46	25°21	6°48	23°24	21°49	9° 8	n.a.	S 21
M22	13 18 0	20°29'54	7♈24	8°36	23°55	1°27	17°16	18°11	2°49	25°19	6°49	23°17	21°46	9°15	n.a.	M22
T 23	13 21 56	21°27'14	19°14	10°19	25° 7	2° 7	17°29	18°16	2°52	25°18	6°49	23° 8	21°42	9°21	n.a.	T 23
W24	13 25 53	22°24'33	1♉ 8	11°59	26°20	2°47	17°42	18°21	2°55	25°16	6°50	22°57	21°39	9°28	n.a.	W24
T 25	13 29 49	23°21'51	13° 7	13°36	27°32	3°27	17°55	18°25	2°58	25°14	6°50	22°46	21°36	9°35	n.a.	T 25
F 26	13 33 46	24°19'08	25°13	15°11	28°44	4° 7	18° 8	18°30	3° 1	25°13	6°51	22°35	21°33	9°41	n.a.	F 26
S 27	13 37 42	25°16'25	7♊26	16°42	29°57	4°47	18°21	18°34	3° 4	25°11	6°51	22°26	21°30	9°48	n.a.	S 27
S 28	13 41 39	26°13'40	19°50	18°11	1♈ 9	5°27	18°34	18°38	3° 7	25° 9	6°52	22°18	21°27	9°55	n.a.	S 28
M29	13 45 35	27°10'54	2♋26	19°37	2°21	6° 7	18°46	18°43	3°10	25° 8	6°52	22°13	21°23	10° 2	n.a.	M29
T 30	13 49 32	28♈ 8'08	15♋18	20♉59	3♈34	6♉47	18♓59	18♒47	3♊13	25♎ 6	6♒53	22♒10	21♒20	10♈ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n 9	28n11	4n33	2s40	0s53	13s28	1s27	6n57	0n 4	8s 7	1s15	17s53	1s44	20n58	0n 5	8s16	2n 1	32s54	14s29	13s43	14s 7	6n 4		n.a.
T 2	0 32	27 35	3 53	1 40	0 44	13 3	1 28	7 13	0 4	8 2	1 15	17 51	1 44	20 59	0 5	8 16	2 1	32 54	14 29	13 43	14 8	6 7		n.a.
W 3	0 55	25 24	2 59	0 39	0 34	12 39	1 29	7 30	0 5	7 56	1 15	17 49	1 45	20 59	0 5	8 15	2 1	32 54	14 29	13 43	14 9	6 10		n.a.
T 4	1 19	21 43	1 54	0n23	0 24	12 14	1 31	7 46	0 6	7 51	1 15	17 48	1 45	21 0	0 5	8 15	2 1	32 54	14 29	13 43	14 10	6 14		n.a.
F 5	1 42	16 40	0 39	1 25	0 13	11 48	1 32	8 2	0 6	7 45	1 15	17 46	1 45	21 0	0 5	8 14	2 1	32 54	14 30	13 42	14 11	6 17		n.a.
S 6	2 5	10 32	0s39	2 27	0 3	11 23	1 33	8 18	0 7	7 40	1 15	17 44	1 45	21 1	0 5	8 14	2 1	32 54	14 30	13 42	14 12	6 20		n.a.
S 7	2 28	3 41	1 57	3 29	0n 8	10 57	1 34	8 34	0 7	7 35	1 15	17 43	1 45	21 1	0 5	8 13	2 1	32 54	14 30	13 43	14 13	6 23		n.a.
M 8	2 52	3s29	3 8	4 31	0 18	10 30	1 35	8 50	0 8	7 29	1 15	17 41	1 46	21 2	0 5	8 12	2 1	32 54	14 31	13 44	14 14	6 27		n.a.
T 9	3 15	10 29	4 6	5 33	0 29	10 4	1 35	9 6	0 9	7 24	1 15	17 39	1 46	21 2	0 5	8 12	2 1	32 54	14 31	13 46	14 15	6 30		n.a.
W10	3 38	16 49	4 46	6 33	0 39	9 37	1 36	9 22	0 9	7 19	1 15	17 38	1 46	21 3	0 5	8 11	2 1	32 54	14 31	13 48	14 17	6 33		n.a.
T 11	4 1	22 3	5 6	7 33	0 50	9 10	1 37	9 38	0 10	7 14	1 15	17 36	1 46	21 3	0 5	8 11	2 1	32 54	14 32	13 50	14 18	6 36		n.a.
F 12	4 24	25 47	5 5	8 32	0 59	8 43	1 37	9 54	0 10	7 8	1 15	17 35	1 46	21 4	0 5	8 10	2 1	32 54	14 32	13 52	14 19	6 40		n.a.
S 13	4 46	27 47	4 46	9 29	1 9	8 15	1 38	10 9	0 11	7 3	1 15	17 33	1 47	21 4	0 5	8 10	2 1	32 54	14 32	13 54	14 20	6 43		n.a.
S 14	5 9	28 0	4 10	10 25	1 18	7 47	1 38	10 25	0 11	6 58	1 15	17 32	1 47	21 5	0 5	8 9	2 1	32 54	14 33	13 55	14 21	6 46		n.a.
M15	5 32	26 36	3 23	11 19	1 27	7 19	1 39	10 40	0 12	6 53	1 16	17 30	1 47	21 5	0 5	8 8	2 1	32 54	14 33	13 55	14 22	6 49		n.a.
T 16	5 55	23 49	2 26	12 11	1 35	6 51	1 39	10 55	0 13	6 47	1 16	17 29	1 47	21 6	0 5	8 8	2 1	32 55	14 33	13 55	14 23	6 53		n.a.
W17	6 17	20 0	1 24	13 1	1 43	6 23	1 39	11 11	0 13	6 42	1 16	17 27	1 47	21 6	0 5	8 7	2 1	32 55	14 34	13 54	14 24	6 56		n.a.
T 18	6 39	15 24	0 19	13 49	1 49	5 54	1 39	11 26	0 14	6 37	1 16	17 26	1 48	21 7	0 5	8 7	2 1	32 55	14 34	13 54	14 25	6 59		n.a.
F 19	7 2	10 17	0n45	14 35	1 56	5 25	1 39	11 41	0 14	6 32	1 16	17 25	1 48	21 8	0 5	8 6	2 1	32 55	14 34	13 54	14 26	7 2		n.a.
S 20	7 24	4 51	1 47	15 19	2 1	4 56	1 39	11 56	0 15	6 27	1 16	17 23	1 48	21 8	0 5	8 5	2 1	32 55	14 35	13 55	14 27	7 6		n.a.
S 21	7 46	0n42	2 43	16 0	2 6	4 27	1 39	12 11	0 15	6 22	1 16	17 22	1 48	21 9	0 5	8 5	2 1	32 55	14 35	13 57	14 28	7 9		n.a.
M22	8 8	6 14	3 33	16 40	2 11	3 58	1 39	12 25	0 16	6 16	1 16	17 21	1 48	21 9	0 5	8 4	2 1	32 55	14 35	13 59	14 29	7 12		n.a.
T 23	8 30	11 32	4 13	17 17	2 14	3 29	1 39	12 40	0 17	6 11	1 16	17 19	1 49	21 10	0 5	8 4	2 1	32 56	14 36	14 2	14 30	7 15		n.a.
W24	8 52	16 27	4 42	17 51	2 17	2 59	1 39	12 54	0 17	6 6	1 16	17 18	1 49	21 10	0 5	8 3	2 1	32 56	14 36	14 5	14 31	7 19		n.a.
T 25	9 13	20 46	4 59	18 23	2 19	2 30	1 38	13 9	0 18	6 1	1 17	17 17	1 49	21 11	0 5	8 2	2 1	32 56	14 37	14 9	14 32	7 22		n.a.
F 26	9 35	24 16	5 3	18 53	2 20	2 0	1 38	13 23	0 18	5 56	1 17	17 16	1 49	21 12	0 5	8 2	2 1	32 56	14 37	14 13	14 33	7 25		n.a.
S 27	9 56	26 44	4 53	19 21	2 21	1 30	1 37	13 37	0 19	5 51	1 17	17 15	1 50	21 12	0 5	8 1	2 1	32 56	14 37	14 16	14 34	7 28		n.a.
S 28	10 17	27 55	4 30	19 47	2 21	1 1	1 37	13 52	0 19	5 46	1 17	17 13	1 50	21 13	0 5	8 1	2 1	32 57	14 38	14 18	14 35	7 31		n.a.
M29	10 38	27 41	3 52	20 10	2 20	0 31	1 36	14 6	0 20	5 41	1 17	17 12	1 50	21 13	0 5	8 0	2 1	32 57	14 38	14 20	14 36	7 35		n.a.
T 30	10n59	25n58	3n 3	20n31	2n18	0s 1	1s35	14n19	0n20	5s36	1s17	17s11	1s50	21n14	0n 5	7s59	2n 1	32s57	14s38	14s21	14s37	7n38		n.a.

Julian Day Number = 1298919.5, Delta T = 07h52m12s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'32, Lahiri = -19°55'32 Julian Calendar 1 Apr. 1157 BCE == Greg. Calendar 21 March 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

MAY 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 53 29	29♈ 5'20	28♋29	22♉19	4♈46	7♉27	19♓12	18♒51	3♊16	25°R 5	6♒53	22°D10	21♒17	10♈15	n.a.	W 1
T 2	13 57 25	0♉ 2'31	12♌ 1	23°36	5°59	8° 7	19°24	18°55	3°20	25♎ 3	6°54	22♒10	21°14	10°22	n.a.	T 2
F 3	14 1 22	0°59'41	25°56	24°49	7°11	8°46	19°37	18°59	3°23	25° 1	6°54	22°R10	21°11	10°28	n.a.	F 3
S 4	14 5 18	1°56'50	10♍17	25°59	8°24	9°26	19°49	19° 3	3°26	25° 0	6°54	22° 9	21° 7	10°35	n.a.	S 4
S 5	14 9 15	2°53'58	24°59	27° 6	9°36	10° 6	20° 1	19° 7	3°29	24°58	6°55	22° 6	21° 4	10°42	n.a.	S 5
M 6	14 13 11	3°51'05	10♎ 0	28°10	10°49	10°45	20°13	19°10	3°32	24°57	6°55	22° 0	21° 1	10°48	n.a.	M 6
T 7	14 17 8	4°48'12	25°11	29°11	12° 1	11°25	20°25	19°14	3°36	24°55	6°55	21°52	20°58	10°55	n.a.	T 7
W 8	14 21 4	5°45'18	10♏22	0♊ 7	13°14	12° 5	20°38	19°17	3°39	24°53	6°55	21°42	20°55	11° 2	n.a.	W 8
T 9	14 25 1	6°42'24	25°22	1° 1	14°26	12°44	20°50	19°21	3°42	24°52	6°56	21°32	20°52	11° 8	n.a.	T 9
F 10	14 28 58	7°39'30	10♐ 3	1°51	15°39	13°24	21° 1	19°24	3°46	24°50	6°56	21°22	20°48	11°15	n.a.	F 10
S 11	14 32 54	8°36'35	24°17	2°37	16°51	14° 3	21°13	19°28	3°49	24°49	6°56	21°14	20°45	11°22	n.a.	S 11
S 12	14 36 51	9°33'40	8♑ 1	3°19	18° 4	14°43	21°25	19°31	3°52	24°47	6°56	21° 9	20°42	11°29	n.a.	S 12
M13	14 40 47	10°30'45	21°17	3°57	19°17	15°22	21°37	19°34	3°56	24°46	6°56	21° 5	20°39	11°35	n.a.	M13
T 14	14 44 44	11°27'50	4♒ 6	4°32	20°29	16° 2	21°48	19°37	3°59	24°44	6°56	21° 4	20°36	11°42	n.a.	T 14
W15	14 48 40	12°24'55	16°33	5° 2	21°42	16°41	22° 0	19°40	4° 3	24°42	6°56	21° 4	20°33	11°49	n.a.	W15
T 16	14 52 37	13°22'00	28°43	5°27	22°55	17°20	22°11	19°42	4° 6	24°41	6°57	21° 4	20°29	11°55	n.a.	T 16
F 17	14 56 34	14°19'05	10♓41	5°49	24° 8	18° 0	22°22	19°45	4°10	24°39	6°57	21° 3	20°26	12° 2	n.a.	F 17
S 18	15 0 30	15°16'10	22°31	6° 6	25°21	18°39	22°34	19°48	4°13	24°38	6°R57	21° 0	20°23	12° 9	n.a.	S 18
S 19	15 4 27	16°13'14	4♈20	6°19	26°33	19°18	22°45	19°50	4°17	24°36	6°57	20°54	20°20	12°15	n.a.	S 19
M20	15 8 23	17°10'19	16°10	6°27	27°46	19°58	22°56	19°53	4°20	24°35	6°57	20°45	20°17	12°22	n.a.	M20
T 21	15 12 20	18° 7'25	28° 4	6°R30	28°59	20°37	23° 7	19°55	4°24	24°34	6°57	20°34	20°13	12°29	n.a.	T 21
W22	15 16 16	19° 4'30	10♉ 4	6°29	0♉12	21°16	23°18	19°57	4°27	24°32	6°56	20°21	20°10	12°35	n.a.	W22
T 23	15 20 13	20° 1'35	22°12	6°23	1°25	21°55	23°28	19°59	4°31	24°31	6°56	20° 8	20° 7	12°42	n.a.	T 23
F 24	15 24 9	20°58'40	4♊29	6°13	2°38	22°35	23°39	20° 1	4°34	24°29	6°56	19°55	20° 4	12°49	n.a.	F 24
S 25	15 28 6	21°55'46	16°56	5°58	3°51	23°14	23°50	20° 3	4°38	24°28	6°56	19°43	20° 1	12°56	n.a.	S 25
S 26	15 32 3	22°52'51	29°32	5°39	5° 4	23°53	24° 0	20° 5	4°42	24°26	6°56	19°33	19°58	13° 2	n.a.	S 26
M27	15 35 59	23°49'56	12♋20	5°16	6°17	24°32	24°10	20° 7	4°45	24°25	6°56	19°27	19°54	13° 9	n.a.	M27
T 28	15 39 56	24°47'02	25°20	4°50	7°30	25°11	24°21	20° 9	4°49	24°24	6°55	19°23	19°51	13°16	n.a.	T 28
W29	15 43 52	25°44'07	8♌35	4°20	8°43	25°50	24°31	20°10	4°52	24°22	6°55	19°21	19°48	13°22	n.a.	W29
T 30	15 47 49	26°41'12	22° 7	3°48	9°56	26°29	24°41	20°12	4°56	24°21	6°55	19°21	19°45	13°29	n.a.	T 30
F 31	15 51 45	27♉38'17	5♍56	3♊13	11♉ 9	27♉ 8	24♓51	20♒13	5♊ 0	24♎20	6♒55	19♒21	19♒42	13♈36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n20	22n48	2n 3	20n50	2n15	0n29	1s35	14n33	0n21	5s32	1s17	17s10	1s50	21n15	0n 5	7s59	2n 1	32s57	14s39	14s21	14s38	7n41		n.a.
T 2	11 40	18 20	0 54	21 7	2 12	0 59	1 34	14 47	0 22	5 27	1 17	17 9	1 51	21 15	0 5	7 58	2 1	32 58	14 39	14 21	14 39	7 44		n.a.
F 3	12 1	12 46	0s20	21 21	2 8	1 29	1 33	15 0	0 22	5 22	1 18	17 8	1 51	21 16	0 5	7 58	2 1	32 58	14 39	14 21	14 40	7 47		n.a.
S 4	12 21	6 23	1 35	21 34	2 3	1 59	1 32	15 14	0 23	5 17	1 18	17 7	1 51	21 17	0 5	7 57	2 1	32 58	14 40	14 21	14 42	7 51		n.a.
S 5	12 41	0s30	2 45	21 45	1 58	2 28	1 31	15 27	0 23	5 12	1 18	17 6	1 51	21 17	0 5	7 57	2 1	32 58	14 40	14 22	14 43	7 54		n.a.
M 6	13 0	7 28	3 45	21 53	1 52	2 58	1 30	15 40	0 24	5 8	1 18	17 5	1 52	21 18	0 5	7 56	2 1	32 59	14 41	14 24	14 44	7 57		n.a.
T 7	13 20	14 4	4 30	22 0	1 45	3 28	1 29	15 53	0 24	5 3	1 18	17 4	1 52	21 18	0 5	7 55	2 1	32 59	14 41	14 27	14 45	8 0		n.a.
W 8	13 39	19 50	4 56	22 5	1 37	3 58	1 27	16 6	0 25	4 58	1 18	17 3	1 52	21 19	0 5	7 55	2 1	32 59	14 41	14 30	14 46	8 3		n.a.
T 9	13 59	24 17	5 1	22 8	1 28	4 28	1 26	16 19	0 25	4 53	1 18	17 2	1 52	21 20	0 5	7 54	2 1	32 59	14 42	14 34	14 47	8 7		n.a.
F 10	14 18	27 2	4 46	22 10	1 19	4 57	1 25	16 32	0 26	4 49	1 18	17 1	1 53	21 20	0 5	7 54	2 1	33 0	14 42	14 37	14 48	8 10		n.a.
S 11	14 36	27 56	4 13	22 10	1 9	5 27	1 23	16 44	0 26	4 44	1 19	17 1	1 53	21 21	0 5	7 53	2 1	33 0	14 42	14 39	14 49	8 13		n.a.
S 12	14 55	27 2	3 27	22 7	0 59	5 56	1 22	16 57	0 27	4 40	1 19	17 0	1 53	21 22	0 5	7 53	2 1	33 0	14 43	14 41	14 50	8 16		n.a.
M13	15 13	24 36	2 31	22 4	0 47	6 26	1 21	17 9	0 27	4 35	1 19	16 59	1 53	21 22	0 5	7 52	2 1	33 1	14 43	14 42	14 51	8 19		n.a.
T 14	15 31	20 59	1 29	21 59	0 35	6 55	1 19	17 21	0 28	4 31	1 19	16 58	1 54	21 23	0 5	7 51	2 1	33 1	14 43	14 43	14 52	8 23		n.a.
W15	15 49	16 31	0 24	21 52	0 23	7 24	1 17	17 33	0 28	4 26	1 19	16 58	1 54	21 24	0 5	7 51	2 1	33 1	14 44	14 43	14 53	8 26		n.a.
T 16	16 7	11 29	0n40	21 44	0 10	7 53	1 16	17 45	0 29	4 22	1 19	16 57	1 54	21 24	0 5	7 50	2 1	33 2	14 44	14 43	14 54	8 29		n.a.
F 17	16 24	6 7	1 42	21 34	0s 4	8 22	1 14	17 57	0 29	4 17	1 20	16 56	1 54	21 25	0 6	7 50	2 1	33 2	14 45	14 43	14 55	8 32		n.a.
S 18	16 41	0 36	2 38	21 23	0 18	8 50	1 12	18 8	0 30	4 13	1 20	16 56	1 55	21 26	0 6	7 49	2 1	33 2	14 45	14 44	14 56	8 35		n.a.
S 19	16 58	4n55	3 27	21 11	0 33	9 19	1 10	18 20	0 30	4 9	1 20	16 55	1 55	21 26	0 6	7 49	2 1	33 3	14 45	14 46	14 57	8 38		n.a.
M20	17 14	10 15	4 8	20 57	0 48	9 47	1 9	18 31	0 31	4 4	1 20	16 55	1 55	21 27	0 6	7 48	2 1	33 3	14 46	14 49	14 58	8 42		n.a.
T 21	17 31	15 15	4 37	20 42	1 4	10 15	1 7	18 42	0 31	4 0	1 20	16 54	1 55	21 28	0 6	7 48	2 1	33 3	14 46	14 52	14 59	8 45		n.a.
W22	17 47	19 44	4 55	20 27	1 20	10 43	1 5	18 53	0 32	3 56	1 20	16 54	1 56	21 28	0 6	7 47	2 1	33 4	14 46	14 56	15 0	8 48		n.a.
T 23	18 2	23 26	4 59	20 10	1 35	11 11	1 3	19 4	0 33	3 52	1 21	16 53	1 56	21 29	0 6	7 47	2 1	33 4	14 47	15 1	15 1	8 51		n.a.
F 24	18 18	26 8	4 50	19 52	1 51	11 38	1 1	19 15	0 33	3 48	1 21	16 53	1 56	21 30	0 6	7 46	2 1	33 5	14 47	15 5	15 2	8 54		n.a.
S 25	18 33	27 36	4 27	19 34	2 7	12 5	0 59	19 26	0 33	3 43	1 21	16 53	1 57	21 30	0 6	7 46	2 1	33 5	14 48	15 9	15 3	8 57		n.a.
S 26	18 48	27 41	3 51	19 15	2 23	12 32	0 57	19 36	0 34	3 39	1 21	16 52	1 57	21 31	0 6	7 45	2 1	33 5	14 48	15 12	15 4	9 1		n.a.
M27	19 2	26 16	3 2	18 56	2 38	12 59	0 55	19 46	0 34	3 35	1 21	16 52	1 57	21 32	0 6	7 45	2 1	33 6	14 48	15 14	15 5	9 4		n.a.
T 28	19 17	23 26	2 3	18 37	2 53	13 25	0 53	19 56	0 35	3 32	1 21	16 52	1 57	21 32	0 6	7 44	2 1	33 6	14 49	15 15	15 6	9 7		n.a.
W29	19 31	19 19	0 57	18 17	3 8	13 51	0 50	20 6	0 35	3 28	1 22	16 51	1 58	21 33	0 6	7 44	2 1	33 7	14 49	15 16	15 7	9 10		n.a.
T 30	19 44	14 8	0s15	17 58	3 21	14 16	0 48	20 16	0 36	3 24	1 22	16 51	1 58	21 34	0 6	7 43	2 1	33 7	14 49	15 16	15 8	9 13		n.a.
F 31	19n57	8n 9	1s27	17n39	3s34	14n42	0s46	20n26	0n36	3s20	1s22	16s51	1s58	21n34	0n 6	7s43	2n 1	33s 7	14s50	15s16	15s 9	9n16		n.a.

Julian Day Number = 1298949.5, Delta T = 07h52m11s
Ecliptic obliquity = 23°50'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'28, Lahiri = -19°55'28 Julian Calendar 1 May 1157 BCE == Greg. Calendar 20 Apr. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

JUNE 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 42	28♉35'22	20♍ 5	2°R36	12♉22	27♉47	25♓ 1	20♒14	5♊ 3	24°R19	6°R54	19°R20	19♒38	13♈42	n.a.	S 1
S 2	15 59 39	29°32'27	4♎32	1♊58	13°35	28°26	25°10	20°15	5° 7	24♎17	6♒54	19♒17	19°35	13°49	n.a.	S 2
M 3	16 3 35	0♊29'32	19°14	1°19	14°49	29° 5	25°20	20°16	5°10	24°16	6°54	19°11	19°32	13°56	n.a.	M 3
T 4	16 7 32	1°26'37	4♏ 6	0°41	16° 2	29°44	25°29	20°17	5°14	24°15	6°53	19° 2	19°29	14° 3	n.a.	T 4
W 5	16 11 28	2°23'43	19° 0	0° 3	17°15	0♊23	25°39	20°18	5°18	24°14	6°53	18°52	19°26	14° 9	n.a.	W 5
T 6	16 15 25	3°20'49	3♐47	29♉27	18°28	1° 2	25°48	20°19	5°21	24°13	6°53	18°42	19°23	14°16	n.a.	T 6
F 7	16 19 21	4°17'56	18°19	28°53	19°42	1°41	25°57	20°19	5°25	24°11	6°52	18°32	19°19	14°23	n.a.	F 7
S 8	16 23 18	5°15'03	2♑29	28°21	20°55	2°19	26° 6	20°20	5°29	24°10	6°52	18°23	19°16	14°29	n.a.	S 8
S 9	16 27 14	6°12'11	16°13	27°53	22° 8	2°58	26°15	20°20	5°32	24° 9	6°51	18°17	19°13	14°36	n.a.	S 9
M10	16 31 11	7° 9'20	29°30	27°28	23°22	3°37	26°24	20°21	5°36	24° 8	6°51	18°14	19°10	14°43	n.a.	M10
T 11	16 35 8	8° 6'30	12♒21	27° 8	24°35	4°16	26°32	20°21	5°40	24° 7	6°50	18°13	19° 7	14°49	n.a.	T 11
W12	16 39 4	9° 3'40	24°50	26°53	25°49	4°54	26°41	20°21	5°43	24° 6	6°50	18°D13	19° 4	14°56	n.a.	W12
T 13	16 43 1	10° 0'51	7♓ 2	26°42	27° 2	5°33	26°49	20°R21	5°47	24° 5	6°49	18°R13	19° 0	15° 3	n.a.	T 13
F 14	16 46 57	10°58'04	19° 1	26°D37	28°15	6°12	26°57	20°21	5°51	24° 4	6°48	18°13	18°57	15°10	n.a.	F 14
S 15	16 50 54	11°55'17	0♈53	26°37	29°29	6°50	27° 5	20°21	5°54	24° 3	6°48	18°11	18°54	15°16	n.a.	S 15
S 16	16 54 50	12°52'32	12°44	26°44	0♊43	7°29	27°13	20°20	5°58	24° 2	6°47	18° 7	18°51	15°23	n.a.	S 16
M17	16 58 47	13°49'47	24°36	26°56	1°56	8° 8	27°21	20°20	6° 2	24° 1	6°47	18° 0	18°48	15°30	n.a.	M17
T 18	17 2 44	14°47'04	6♉35	27°14	3°10	8°46	27°29	20°20	6° 5	24° 0	6°46	17°52	18°44	15°36	n.a.	T 18
W19	17 6 40	15°44'22	18°42	27°38	4°23	9°25	27°36	20°19	6° 9	23°59	6°45	17°42	18°41	15°43	n.a.	W19
T 20	17 10 37	16°41'40	1♊ 1	28° 8	5°37	10° 4	27°44	20°18	6°12	23°59	6°45	17°31	18°38	15°50	n.a.	T 20
F 21	17 14 33	17°39'00	13°31	28°44	6°51	10°42	27°51	20°17	6°16	23°58	6°44	17°20	18°35	15°56	n.a.	F 21
S 22	17 18 30	18°36'21	26°14	29°26	8° 4	11°21	27°58	20°17	6°20	23°57	6°43	17°10	18°32	16° 3	n.a.	S 22
S 23	17 22 26	19°33'43	9♋ 9	0♊14	9°18	11°59	28° 5	20°16	6°23	23°56	6°42	17° 3	18°29	16°10	n.a.	S 23
M24	17 26 23	20°31'06	22°16	1° 8	10°32	12°38	28°12	20°14	6°27	23°56	6°42	16°58	18°25	16°17	n.a.	M24
T 25	17 30 19	21°28'30	5♌34	2° 7	11°46	13°16	28°18	20°13	6°30	23°55	6°41	16°55	18°22	16°23	n.a.	T 25
W26	17 34 16	22°25'55	19° 4	3°13	13° 0	13°55	28°25	20°12	6°34	23°54	6°40	16°D55	18°19	16°30	n.a.	W26
T 27	17 38 13	23°23'20	2♍45	4°23	14°13	14°33	28°31	20°10	6°37	23°54	6°39	16°55	18°16	16°37	n.a.	T 27
F 28	17 42 9	24°20'46	16°37	5°40	15°27	15°12	28°37	20° 9	6°41	23°53	6°38	16°56	18°13	16°43	n.a.	F 28
S 29	17 46 6	25°18'14	0♎42	7° 1	16°41	15°50	28°43	20° 7	6°44	23°52	6°37	16°R56	18°10	16°50	n.a.	S 29
S 30	17 50 2	26♊15'42	14♎57	8♊27	17♊55	16♊29	28♓49	20♒ 6	6♊48	23♎52	6♒37	16♒55	18♒ 6	16♈57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n10	1n38	2s35	17n20	3s46	15n 7	0s44	20n35	0n37	3s16	1s22	16s51	1s58	21n35	0n 6	7s43	2n 1	33s 8	14s50	15s16	15s10	9n19		n.a.
S 2	20 23	5s 6	3 35	17 3	3 56	15 31	0 41	20 45	0 37	3 12	1 22	16 51	1 59	21 36	0 6	7 42	2 1	33 8	14 50	15 17	15 11	9 23		n.a.
M 3	20 35	11 40	4 21	16 46	4 5	15 55	0 39	20 54	0 38	3 9	1 23	16 51	1 59	21 36	0 6	7 42	2 1	33 9	14 51	15 19	15 12	9 26		n.a.
T 4	20 47	17 39	4 51	16 30	4 13	16 19	0 37	21 3	0 38	3 5	1 23	16 51	1 59	21 37	0 6	7 41	2 0	33 9	14 51	15 22	15 13	9 29		n.a.
W 5	20 59	22 34	5 1	16 17	4 19	16 43	0 35	21 12	0 39	3 2	1 23	16 51	2 0	21 38	0 6	7 41	2 0	33 10	14 51	15 25	15 14	9 32		n.a.
T 6	21 10	26 1	4 51	16 4	4 24	17 6	0 32	21 21	0 39	2 58	1 23	16 51	2 0	21 38	0 6	7 41	2 0	33 10	14 52	15 28	15 15	9 35		n.a.
F 7	21 21	27 39	4 22	15 54	4 27	17 28	0 30	21 29	0 40	2 55	1 23	16 51	2 0	21 39	0 6	7 40	2 0	33 10	14 52	15 31	15 16	9 38		n.a.
S 8	21 32	27 26	3 37	15 45	4 28	17 50	0 27	21 38	0 40	2 51	1 24	16 51	2 0	21 40	0 6	7 40	2 0	33 11	14 52	15 34	15 17	9 41		n.a.
S 9	21 42	25 30	2 41	15 39	4 28	18 12	0 25	21 46	0 41	2 48	1 24	16 51	2 1	21 40	0 6	7 39	2 0	33 11	14 53	15 36	15 18	9 44		n.a.
M10	21 52	22 11	1 38	15 35	4 27	18 33	0 23	21 54	0 41	2 44	1 24	16 51	2 1	21 41	0 6	7 39	2 0	33 12	14 53	15 37	15 19	9 48		n.a.
T 11	22 1	17 52	0 31	15 34	4 24	18 54	0 20	22 2	0 42	2 41	1 24	16 51	2 1	21 42	0 6	7 39	2 0	33 12	14 53	15 37	15 20	9 51		n.a.
W12	22 10	12 54	0n35	15 35	4 19	19 14	0 18	22 9	0 42	2 38	1 25	16 51	2 1	21 42	0 6	7 38	2 0	33 13	14 54	15 37	15 21	9 54		n.a.
T 13	22 19	7 33	1 38	15 38	4 13	19 34	0 15	22 17	0 43	2 35	1 25	16 52	2 2	21 43	0 6	7 38	2 0	33 13	14 54	15 37	15 22	9 57		n.a.
F 14	22 27	2 1	2 36	15 44	4 6	19 53	0 13	22 24	0 43	2 32	1 25	16 52	2 2	21 44	0 6	7 38	2 0	33 14	14 54	15 37	15 23	10 0		n.a.
S 15	22 35	3n31	3 27	15 52	3 58	20 12	0 10	22 31	0 43	2 29	1 25	16 52	2 2	21 44	0 6	7 37	2 0	33 14	14 55	15 38	15 24	10 3		n.a.
S 16	22 43	8 54	4 8	16 2	3 49	20 30	0 8	22 38	0 44	2 26	1 25	16 53	2 2	21 45	0 6	7 37	2 0	33 15	14 55	15 39	15 25	10 6		n.a.
M17	22 50	13 59	4 39	16 15	3 39	20 48	0 6	22 45	0 44	2 23	1 26	16 53	2 3	21 46	0 6	7 37	2 0	33 15	14 55	15 41	15 26	10 9		n.a.
T 18	22 57	18 36	4 58	16 30	3 28	21 5	0 3	22 52	0 45	2 20	1 26	16 53	2 3	21 46	0 6	7 37	2 0	33 16	14 56	15 44	15 27	10 12		n.a.
W19	23 3	22 31	5 3	16 47	3 16	21 22	0 1	22 58	0 45	2 17	1 26	16 54	2 3	21 47	0 6	7 36	2 0	33 16	14 56	15 47	15 28	10 15		n.a.
T 20	23 9	25 30	4 55	17 6	3 3	21 37	0n 2	23 5	0 46	2 14	1 26	16 54	2 4	21 48	0 6	7 36	2 0	33 17	14 56	15 50	15 29	10 18		n.a.
F 21	23 15	27 18	4 33	17 26	2 50	21 53	0 4	23 11	0 46	2 11	1 27	16 55	2 4	21 48	0 6	7 36	2 0	33 17	14 57	15 54	15 30	10 22		n.a.
S 22	23 20	27 43	3 56	17 49	2 37	22 8	0 7	23 17	0 47	2 9	1 27	16 55	2 4	21 49	0 6	7 36	2 0	33 17	14 57	15 57	15 31	10 25		n.a.
S 23	23 25	26 38	3 8	18 12	2 23	22 22	0 9	23 23	0 47	2 6	1 27	16 56	2 4	21 50	0 6	7 35	1 59	33 18	14 57	15 59	15 32	10 28		n.a.
M24	23 29	24 4	2 8	18 37	2 9	22 35	0 11	23 28	0 47	2 4	1 27	16 57	2 5	21 50	0 6	7 35	1 59	33 18	14 57	16 0	15 33	10 31		n.a.
T 25	23 33	20 10	1 0	19 4	1 54	22 48	0 14	23 34	0 48	2 1	1 28	16 57	2 5	21 51	0 6	7 35	1 59	33 19	14 58	16 1	15 34	10 34		n.a.
W26	23 37	15 10	0s12	19 31	1 40	23 0	0 16	23 39	0 48	1 59	1 28	16 58	2 5	21 52	0 6	7 35	1 59	33 19	14 58	16 1	15 35	10 37		n.a.
T 27	23 40	9 22	1 24	19 58	1 26	23 11	0 19	23 44	0 49	1 57	1 28	16 59	2 5	21 52	0 6	7 35	1 59	33 20	14 58	16 1	15 36	10 40		n.a.
F 28	23 43	3 2	2 33	20 26	1 11	23 22	0 21	23 49	0 49	1 54	1 28	16 59	2 6	21 53	0 6	7 34	1 59	33 20	14 59	16 1	15 37	10 43		n.a.
S 29	23 45	3s32	3 33	20 54	0 57	23 32	0 23	23 53	0 50	1 52	1 29	17 0	2 6	21 53	0 6	7 34	1 59	33 21	14 59	16 1	15 38	10 46		n.a.
S 30	23n47	9s59	4s21	21n22	0s43	23n42	0n25	23n58	0n50	1s50	1s29	17s 1	2s 6	21n54	0n 6	7s34	1n59	33s21	14s59	16s 1	15s39	10n49		n.a.

Julian Day Number = 1298980.5, Delta T = 07h52m09s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'24, Lahiri = -19°55'24 Julian Calendar 1 June 1157 BCE == Greg. Calendar 21 May 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

JULY 1157 BCE (-1156) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 53 59	27♊13'11	29♎21	9♊58	19♊ 9	17♊ 7	28♓55	20°R 4	6♊51	23°R51	6°R36	16°R51	18♒ 3	17♈ 3	n.a.	M 1
T 2	17 57 55	28°10'41	13♏49	11°33	20°23	17°45	29° 0	20♒ 2	6°55	23♎51	6♒35	16♒46	18° 0	17°10	n.a.	T 2
W 3	18 1 52	29° 8'13	28°18	13°13	21°37	18°24	29° 5	20° 0	6°58	23°50	6°34	16°39	17°57	17°17	n.a.	W 3
T 4	18 5 48	0♋ 5'45	12♐41	14°56	22°51	19° 2	29°11	19°58	7° 2	23°50	6°33	16°32	17°54	17°24	n.a.	T 4
F 5	18 9 45	1° 3'19	26°51	16°43	24° 5	19°40	29°16	19°56	7° 5	23°50	6°32	16°25	17°50	17°30	n.a.	F 5
S 6	18 13 42	2° 0'54	10♑45	18°32	25°19	20°19	29°20	19°53	7° 9	23°49	6°31	16°19	17°47	17°37	n.a.	S 6
S 7	18 17 38	2°58'31	24°18	20°25	26°33	20°57	29°25	19°51	7°12	23°49	6°30	16°15	17°44	17°44	n.a.	S 7
M 8	18 21 35	3°56'09	7♒28	22°20	27°47	21°35	29°30	19°49	7°15	23°49	6°29	16°13	17°41	17°50	n.a.	M 8
T 9	18 25 31	4°53'49	20°17	24°16	29° 2	22°14	29°34	19°46	7°19	23°48	6°28	16°D13	17°38	17°57	n.a.	T 9
W10	18 29 28	5°51'31	2♓46	26°15	0♋16	22°52	29°38	19°43	7°22	23°48	6°27	16°14	17°35	18° 4	n.a.	W10
T 11	18 33 24	6°49'14	14°59	28°14	1°30	23°30	29°42	19°41	7°25	23°48	6°26	16°16	17°31	18°11	n.a.	T 11
F 12	18 37 21	7°46'59	27° 0	0♋14	2°44	24° 8	29°46	19°38	7°29	23°48	6°25	16°17	17°28	18°17	n.a.	F 12
S 13	18 41 18	8°44'46	8♈54	2°15	3°59	24°47	29°49	19°35	7°32	23°48	6°24	16°R18	17°25	18°24	n.a.	S 13
S 14	18 45 14	9°42'35	20°46	4°16	5°13	25°25	29°53	19°32	7°35	23°47	6°23	16°17	17°22	18°31	n.a.	S 14
M15	18 49 11	10°40'25	2♉40	6°16	6°27	26° 3	29°56	19°29	7°38	23°47	6°22	16°15	17°19	18°37	n.a.	M15
T 16	18 53 7	11°38'18	14°42	8°17	7°42	26°41	29°59	19°26	7°42	23°47	6°21	16°11	17°16	18°44	n.a.	T 16
W17	18 57 4	12°36'13	26°55	10°17	8°56	27°19	0♈ 2	19°23	7°45	23°D47	6°19	16° 6	17°12	18°51	n.a.	W17
T 18	19 1 0	13°34'09	9♊21	12°16	10°10	27°58	0° 4	19°19	7°48	23°47	6°18	16° 1	17° 9	18°58	n.a.	T 18
F 19	19 4 57	14°32'08	22° 3	14°15	11°25	28°36	0° 7	19°16	7°51	23°47	6°17	15°55	17° 6	19° 4	n.a.	F 19
S 20	19 8 53	15°30'08	5♋ 2	16°13	12°39	29°14	0° 9	19°12	7°54	23°47	6°16	15°51	17° 3	19°11	n.a.	S 20
S 21	19 12 50	16°28'10	18°17	18° 9	13°54	29°52	0°11	19° 9	7°57	23°48	6°15	15°47	17° 0	19°18	n.a.	S 21
M22	19 16 47	17°26'14	1♌47	20° 5	15° 8	0♋30	0°13	19° 5	8° 0	23°48	6°14	15°45	16°56	19°24	n.a.	M22
T 23	19 20 43	18°24'19	15°30	22° 0	16°23	1° 8	0°15	19° 2	8° 3	23°48	6°13	15°D44	16°53	19°31	n.a.	T 23
W24	19 24 40	19°22'27	29°23	23°53	17°37	1°46	0°16	18°58	8° 6	23°48	6°11	15°45	16°50	19°38	n.a.	W24
T 25	19 28 36	20°20'35	13♍25	25°45	18°52	2°25	0°18	18°54	8° 9	23°48	6°10	15°46	16°47	19°44	n.a.	T 25
F 26	19 32 33	21°18'46	27°32	27°36	20° 6	3° 3	0°19	18°50	8°12	23°49	6° 9	15°47	16°44	19°51	n.a.	F 26
S 27	19 36 29	22°16'58	11♎43	29°26	21°21	3°41	0°20	18°46	8°15	23°49	6° 8	15°48	16°41	19°58	n.a.	S 27
S 28	19 40 26	23°15'11	25°56	1♌15	22°36	4°19	0°20	18°42	8°18	23°49	6° 7	15°R49	16°37	20° 5	n.a.	S 28
M29	19 44 22	24°13'27	10♏ 8	3° 2	23°50	4°57	0°21	18°38	8°20	23°50	6° 5	15°48	16°34	20°11	n.a.	M29
T 30	19 48 19	25°11'44	24°17	4°48	25° 5	5°35	0°21	18°34	8°23	23°50	6° 4	15°46	16°31	20°18	n.a.	T 30
W31	19 52 15	26♋10'02	8♐20	6♌33	26♋20	6♋13	0°R21	18♒30	8♊26	23♎51	6♒ 3	15♒44	16♒28	20♈25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	15s58	4s53	21n50	0s29	23n51	0n28	24n 2	0n50	1s48	1s29	17s 2	2s 6	21n55	0n 6	7s34	1n59	33s22	14s59	16s 2	15s40	10n52			n.a.
T 2	23 49	21 7	5 7	22 17	0 16	23 59	0 30	24 6	0 51	1 46	1 29	17 3	2 7	21 55	0 6	7 34	1 59	33 22	15 0	16 4	15 41	10 55			n.a.
W 3	23 50	24 59	5 1	22 43	0 3	24 6	0 32	24 10	0 51	1 44	1 30	17 3	2 7	21 56	0 6	7 34	1 59	33 23	15 0	16 6	15 42	10 58			n.a.
T 4	23 50	27 15	4 36	23 7	0n 9	24 13	0 34	24 14	0 52	1 42	1 30	17 4	2 7	21 56	0 6	7 34	1 59	33 23	15 0	16 8	15 43	11 1			n.a.
F 5	23 50	27 42	3 55	23 31	0 21	24 18	0 36	24 18	0 52	1 40	1 30	17 5	2 7	21 57	0 6	7 34	1 59	33 24	15 0	16 11	15 44	11 4			n.a.
S 6	23 49	26 23	3 0	23 52	0 32	24 24	0 39	24 21	0 53	1 39	1 30	17 6	2 8	21 58	0 6	7 34	1 59	33 24	15 1	16 12	15 45	11 7			n.a.
S 7	23 48	23 31	1 56	24 12	0 43	24 28	0 41	24 24	0 53	1 37	1 31	17 7	2 8	21 58	0 6	7 33	1 59	33 25	15 1	16 13	15 46	11 10			n.a.
M 8	23 46	19 28	0 47	24 29	0 53	24 32	0 43	24 27	0 53	1 36	1 31	17 8	2 8	21 59	0 6	7 33	1 59	33 25	15 1	16 14	15 47	11 13			n.a.
T 9	23 44	14 37	0n22	24 44	1 1	24 35	0 45	24 30	0 54	1 34	1 31	17 9	2 8	21 59	0 6	7 33	1 58	33 26	15 1	16 14	15 48	11 16			n.a.
W10	23 42	9 17	1 29	24 56	1 10	24 37	0 47	24 32	0 54	1 33	1 32	17 10	2 9	22 0	0 6	7 33	1 58	33 26	15 1	16 14	15 49	11 20			n.a.
T 11	23 39	3 43	2 30	25 6	1 17	24 38	0 49	24 35	0 55	1 31	1 32	17 12	2 9	22 0	0 6	7 33	1 58	33 27	15 2	16 13	15 50	11 23			n.a.
F 12	23 36	1n54	3 23	25 13	1 23	24 39	0 51	24 37	0 55	1 30	1 32	17 13	2 9	22 1	0 6	7 33	1 58	33 27	15 2	16 13	15 51	11 26			n.a.
S 13	23 32	7 22	4 8	25 18	1 29	24 39	0 52	24 39	0 55	1 29	1 32	17 14	2 9	22 2	0 6	7 33	1 58	33 28	15 2	16 13	15 52	11 29			n.a.
S 14	23 28	12 34	4 41	25 20	1 34	24 38	0 54	24 41	0 56	1 28	1 33	17 15	2 10	22 2	0 6	7 33	1 58	33 28	15 2	16 13	15 53	11 32			n.a.
M15	23 24	17 19	5 3	25 19	1 38	24 36	0 56	24 43	0 56	1 27	1 33	17 16	2 10	22 3	0 6	7 33	1 58	33 29	15 2	16 14	15 54	11 35			n.a.
T 16	23 19	21 27	5 11	25 15	1 41	24 34	0 58	24 44	0 57	1 26	1 33	17 17	2 10	22 3	0 6	7 33	1 58	33 29	15 3	16 15	15 55	11 38			n.a.
W17	23 14	24 44	5 6	25 9	1 44	24 31	1 0	24 45	0 57	1 25	1 33	17 19	2 10	22 4	0 6	7 33	1 58	33 30	15 3	16 16	15 56	11 41			n.a.
T 18	23 8	26 56	4 46	25 1	1 46	24 27	1 1	24 47	0 57	1 24	1 34	17 20	2 10	22 4	0 6	7 34	1 58	33 30	15 3	16 18	15 57	11 44			n.a.
F 19	23 2	27 47	4 12	24 50	1 47	24 23	1 3	24 47	0 58	1 23	1 34	17 21	2 11	22 5	0 6	7 34	1 58	33 31	15 3	16 20	15 58	11 47			n.a.
S 20	22 55	27 8	3 24	24 37	1 48	24 17	1 4	24 48	0 58	1 22	1 34	17 22	2 11	22 5	0 6	7 34	1 58	33 31	15 3	16 21	15 59	11 50			n.a.
S 21	22 48	24 57	2 25	24 21	1 48	24 11	1 6	24 49	0 59	1 22	1 35	17 24	2 11	22 6	0 6	7 34	1 58	33 32	15 3	16 22	16 0	11 53			n.a.
M22	22 41	21 19	1 16	24 4	1 47	24 4	1 7	24 49	0 59	1 21	1 35	17 25	2 11	22 6	0 6	7 34	1 58	33 32	15 4	16 23	16 1	11 56			n.a.
T 23	22 33	16 29	0 1	23 45	1 46	23 57	1 9	24 49	0 59	1 21	1 35	17 26	2 11	22 7	0 6	7 34	1 57	33 32	15 4	16 23	16 2	11 59			n.a.
W24	22 24	10 43	1s14	23 24	1 44	23 48	1 10	24 49	1 0	1 21	1 35	17 28	2 12	22 7	0 6	7 34	1 57	33 33	15 4	16 23	16 3	12 1			n.a.
T 25	22 16	4 23	2 26	23 1	1 42	23 39	1 11	24 49	1 0	1 20	1 36	17 29	2 12	22 8	0 6	7 34	1 57	33 33	15 4	16 22	16 4	12 4			n.a.
F 26	22 7	2s12	3 30	22 36	1 39	23 30	1 13	24 48	1 1	1 20	1 36	17 31	2 12	22 8	0 6	7 35	1 57	33 34	15 4	16 22	16 5	12 7			n.a.
S 27	21 57	8 42	4 21	22 10	1 36	23 19	1 14	24 48	1 1	1 20	1 36	17 32	2 12	22 9	0 6	7 35	1 57	33 34	15 4	16 22	16 6	12 10			n.a.
S 28	21 48	14 45	4 56	21 43	1 33	23 8	1 15	24 47	1 1	1 20	1 36	17 33	2 12	22 9	0 6	7 35	1 57	33 35	15 4	16 22	16 7	12 13			n.a.
M29	21 37	20 2	5 13	21 14	1 29	22 56	1 16	24 46	1 2	1 20	1 37	17 35	2 13	22 10	0 6	7 35	1 57	33 35	15 4	16 22	16 8	12 16			n.a.
T 30	21 27	24 10	5 11	20 44	1 24	22 44	1 17	24 45	1 2	1 20	1 37	17 36	2 13	22 10	0 6	7 35	1 57	33 36	15 4	16 22	16 9	12 19			n.a.
W31	21n16	26s50	4s51	20n14	1n20	22n30	1n18	24n44	1n 3	1s20	1s37	17s38	2s13	22n11	0n 6	7s36	1n57	33s36	15s 5	16s23	16s10	12n22			n.a.

Julian Day Number = 1299010.5, Delta T = 07h52m07s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'20, Lahiri = -19°55'20 Julian Calendar 1 July 1157 BCE == Greg. Calendar 20 June 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

AUGUST 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 12	27♋ 8'23	22♐15	8♌17	27♋34	6♋51	0°R21	18°R26	8♊29	23♎51	6°R 2	15°R41	16♒25	20♈31	n.a.	T 1
F 2	20 0 9	28° 6'45	5♑58	10° 0	28°49	7°29	0♈21	18♒22	8°31	23°52	6♒ 1	15♒39	16°22	20°38	n.a.	F 2
S 3	20 4 5	29° 5'09	19°27	11°41	0♌ 4	8° 7	0°20	18°17	8°34	23°52	5°59	15°37	16°18	20°45	n.a.	S 3
S 4	20 8 2	0♌ 3'35	2♒41	13°22	1°19	8°45	0°20	18°13	8°37	23°53	5°58	15°36	16°15	20°52	n.a.	S 4
M 5	20 11 58	1° 2'03	15°37	15° 1	2°33	9°23	0°19	18° 9	8°39	23°53	5°57	15°D36	16°12	20°58	n.a.	M 5
T 6	20 15 55	2° 0'34	28°17	16°39	3°48	10° 1	0°18	18° 4	8°42	23°54	5°56	15°36	16° 9	21° 5	n.a.	T 6
W 7	20 19 51	2°59'06	10♓41	18°16	5° 3	10°39	0°16	18° 0	8°44	23°55	5°54	15°37	16° 6	21°12	n.a.	W 7
T 8	20 23 48	3°57'40	22°52	19°52	6°18	11°17	0°15	17°55	8°47	23°55	5°53	15°38	16° 2	21°18	n.a.	T 8
F 9	20 27 44	4°56'17	4♈53	21°27	7°33	11°55	0°13	17°51	8°49	23°56	5°52	15°39	15°59	21°25	n.a.	F 9
S 10	20 31 41	5°54'56	16°47	23° 1	8°47	12°33	0°11	17°46	8°51	23°57	5°51	15°40	15°56	21°32	n.a.	S 10
S 11	20 35 38	6°53'38	28°39	24°34	10° 2	13°11	0° 9	17°42	8°54	23°58	5°50	15°40	15°53	21°39	n.a.	S 11
M12	20 39 34	7°52'22	10♉34	26° 6	11°17	13°48	0° 7	17°37	8°56	23°58	5°48	15°R40	15°50	21°45	n.a.	M12
T 13	20 43 31	8°51'08	22°35	27°37	12°32	14°26	0° 4	17°33	8°58	23°59	5°47	15°40	15°47	21°52	n.a.	T 13
W14	20 47 27	9°49'57	4♊48	29° 6	13°47	15° 4	0° 2	17°28	9° 0	24° 0	5°46	15°40	15°43	21°59	n.a.	W14
T 15	20 51 24	10°48'48	17°17	0♍35	15° 2	15°42	29♓59	17°23	9° 3	24° 1	5°45	15°39	15°40	22° 5	n.a.	T 15
F 16	20 55 20	11°47'42	0♋ 5	2° 3	16°17	16°20	29°56	17°18	9° 5	24° 2	5°43	15°39	15°37	22°12	n.a.	F 16
S 17	20 59 17	12°46'38	13°13	3°30	17°32	16°58	29°52	17°14	9° 7	24° 3	5°42	15°38	15°34	22°19	n.a.	S 17
S 18	21 3 13	13°45'36	26°43	4°55	18°47	17°36	29°49	17° 9	9° 9	24° 4	5°41	15°38	15°31	22°26	n.a.	S 18
M19	21 7 10	14°44'36	10♌33	6°20	20° 2	18°14	29°45	17° 4	9°11	24° 5	5°40	15°D38	15°28	22°32	n.a.	M19
T 20	21 11 7	15°43'39	24°41	7°43	21°17	18°52	29°42	17° 0	9°13	24° 6	5°38	15°R38	15°24	22°39	n.a.	T 20
W21	21 15 3	16°42'44	9♍ 2	9° 5	22°32	19°29	29°37	16°55	9°15	24° 7	5°37	15°38	15°21	22°46	n.a.	W21
T 22	21 19 0	17°41'50	23°32	10°26	23°47	20° 7	29°33	16°50	9°17	24° 8	5°36	15°38	15°18	22°52	n.a.	T 22
F 23	21 22 56	18°40'59	8♎ 4	11°46	25° 2	20°45	29°29	16°45	9°18	24° 9	5°35	15°37	15°15	22°59	n.a.	F 23
S 24	21 26 53	19°40'10	22°33	13° 4	26°17	21°23	29°24	16°41	9°20	24°11	5°34	15°37	15°12	23° 6	n.a.	S 24
S 25	21 30 49	20°39'23	6♏55	14°22	27°32	22° 1	29°20	16°36	9°22	24°12	5°32	15°37	15° 8	23°13	n.a.	S 25
M26	21 34 46	21°38'37	21° 6	15°37	28°47	22°39	29°15	16°31	9°23	24°13	5°31	15°D37	15° 5	23°19	n.a.	M26
T 27	21 38 42	22°37'54	5♐ 5	16°51	0♍ 2	23°16	29°10	16°27	9°25	24°14	5°30	15°37	15° 2	23°26	n.a.	T 27
W28	21 42 39	23°37'12	18°51	18° 4	1°17	23°54	29° 4	16°22	9°27	24°16	5°29	15°37	14°59	23°33	n.a.	W28
T 29	21 46 35	24°36'32	2♑22	19°15	2°32	24°32	28°59	16°17	9°28	24°17	5°28	15°38	14°56	23°39	n.a.	T 29
F 30	21 50 32	25°35'55	15°40	20°24	3°47	25°10	28°53	16°13	9°30	24°18	5°27	15°39	14°53	23°46	n.a.	F 30
S 31	21 54 29	26♌35'19	28♑44	21♍31	5♍ 2	25♋47	28♓48	16♒ 8	9♊31	24♎20	5♒25	15♒40	14♒49	23♈53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n 5	27s49	4s13	19n42	1n15	22n16	1n19	24n42	1n 3	1s21	1s38	17s39	2s13	22n11	0n 6	7s36	1n57	33s36	15s 5	16s24	16s11	12n25			n.a.
F 2	20 53	27 3	3 21	19 9	1 10	22 2	1 20	24 40	1 3	1 21	1 38	17 41	2 13	22 12	0 6	7 36	1 57	33 37	15 5	16 24	16 12	12 28			n.a.
S 3	20 41	24 42	2 19	18 35	1 4	21 47	1 20	24 38	1 4	1 21	1 38	17 42	2 13	22 12	0 6	7 36	1 57	33 37	15 5	16 25	16 13	12 31			n.a.
S 4	20 28	21 2	1 11	18 1	0 58	21 31	1 21	24 36	1 4	1 22	1 38	17 44	2 13	22 12	0 6	7 37	1 57	33 38	15 5	16 25	16 14	12 34			n.a.
M 5	20 15	16 25	0n 0	17 26	0 52	21 14	1 22	24 34	1 4	1 23	1 39	17 45	2 14	22 13	0 6	7 37	1 57	33 38	15 5	16 26	16 14	12 37			n.a.
T 6	20 2	11 11	1 10	16 50	0 46	20 57	1 22	24 31	1 5	1 23	1 39	17 47	2 14	22 13	0 6	7 37	1 57	33 38	15 5	16 25	16 15	12 40			n.a.
W 7	19 49	5 37	2 14	16 14	0 40	20 39	1 23	24 29	1 5	1 24	1 39	17 48	2 14	22 14	0 6	7 38	1 56	33 39	15 5	16 25	16 16	12 43			n.a.
T 8	19 35	0n 3	3 12	15 37	0 33	20 21	1 23	24 26	1 5	1 25	1 39	17 50	2 14	22 14	0 6	7 38	1 56	33 39	15 5	16 25	16 17	12 46			n.a.
F 9	19 21	5 38	4 0	15 0	0 26	20 2	1 24	24 23	1 6	1 26	1 40	17 51	2 14	22 14	0 6	7 38	1 56	33 40	15 5	16 25	16 18	12 49			n.a.
S 10	19 6	10 58	4 38	14 22	0 19	19 42	1 24	24 20	1 6	1 27	1 40	17 53	2 14	22 15	0 6	7 39	1 56	33 40	15 5	16 24	16 19	12 52			n.a.
S 11	18 51	15 52	5 3	13 44	0 12	19 22	1 24	24 16	1 7	1 28	1 40	17 55	2 14	22 15	0 6	7 39	1 56	33 40	15 5	16 24	16 20	12 54			n.a.
M12	18 36	20 13	5 16	13 6	0 5	19 2	1 24	24 13	1 7	1 29	1 40	17 56	2 14	22 16	0 6	7 39	1 56	33 41	15 5	16 24	16 21	12 57			n.a.
T 13	18 21	23 47	5 14	12 28	0s 2	18 40	1 24	24 9	1 7	1 30	1 41	17 58	2 15	22 16	0 7	7 40	1 56	33 41	15 5	16 24	16 22	13 0			n.a.
W14	18 5	26 21	4 59	11 49	0 10	18 19	1 25	24 5	1 8	1 32	1 41	17 59	2 15	22 16	0 7	7 40	1 56	33 41	15 5	16 24	16 23	13 3			n.a.
T 15	17 48	27 42	4 30	11 11	0 17	17 56	1 25	24 1	1 8	1 33	1 41	18 1	2 15	22 17	0 7	7 40	1 56	33 42	15 5	16 24	16 24	13 6			n.a.
F 16	17 32	27 37	3 47	10 32	0 25	17 33	1 25	23 57	1 8	1 34	1 41	18 2	2 15	22 17	0 7	7 41	1 56	33 42	15 5	16 25	16 25	13 9			n.a.
S 17	17 15	25 59	2 50	9 53	0 33	17 10	1 24	23 52	1 9	1 36	1 42	18 4	2 15	22 17	0 7	7 41	1 56	33 42	15 5	16 25	16 26	13 12			n.a.
S 18	16 58	22 51	1 43	9 14	0 40	16 46	1 24	23 48	1 9	1 38	1 42	18 5	2 15	22 18	0 7	7 42	1 56	33 43	15 5	16 25	16 27	13 15			n.a.
M19	16 41	18 20	0 28	8 36	0 48	16 22	1 24	23 43	1 9	1 39	1 42	18 7	2 15	22 18	0 7	7 42	1 56	33 43	15 5	16 25	16 28	13 18			n.a.
T 20	16 23	12 43	0s50	7 57	0 56	15 57	1 24	23 38	1 10	1 41	1 42	18 9	2 15	22 18	0 7	7 43	1 56	33 43	15 5	16 25	16 29	13 21			n.a.
W21	16 5	6 22	2 6	7 19	1 4	15 32	1 23	23 33	1 10	1 43	1 42	18 10	2 15	22 19	0 7	7 43	1 56	33 44	15 5	16 25	16 30	13 23			n.a.
T 22	15 47	0s22	3 15	6 41	1 11	15 7	1 23	23 28	1 10	1 45	1 43	18 12	2 15	22 19	0 7	7 44	1 55	33 44	15 5	16 25	16 31	13 26			n.a.
F 23	15 28	7 5	4 11	6 3	1 19	14 41	1 22	23 22	1 11	1 47	1 43	18 13	2 15	22 19	0 7	7 44	1 55	33 44	15 5	16 25	16 32	13 29			n.a.
S 24	15 10	13 25	4 52	5 25	1 27	14 14	1 22	23 16	1 11	1 49	1 43	18 15	2 15	22 20	0 7	7 45	1 55	33 44	15 5	16 25	16 33	13 32			n.a.
S 25	14 51	18 58	5 13	4 48	1 34	13 48	1 21	23 11	1 11	1 51	1 43	18 16	2 15	22 20	0 7	7 45	1 55	33 45	15 5	16 25	16 34	13 35			n.a.
M26	14 31	23 23	5 15	4 12	1 42	13 20	1 20	23 5	1 12	1 53	1 43	18 18	2 16	22 20	0 7	7 46	1 55	33 45	15 5	16 25	16 35	13 38			n.a.
T 27	14 12	26 24	4 59	3 36	1 50	12 53	1 20	22 58	1 12	1 55	1 44	18 19	2 16	22 20	0 7	7 46	1 55	33 45	15 5	16 25	16 36	13 41			n.a.
W28	13 52	27 46	4 25	3 0	1 57	12 25	1 19	22 52	1 12	1 57	1 44	18 21	2 16	22 21	0 7	7 47	1 55	33 45	15 5	16 25	16 36	13 43			n.a.
T 29	13 32	27 26	3 37	2 25	2 4	11 57	1 18	22 46	1 13	2 0	1 44	18 22	2 16	22 21	0 7	7 47	1 55	33 46	15 5	16 25	16 37	13 46			n.a.
F 30	13 12	25 31	2 39	1 51	2 11	11 28	1 17	22 39	1 13	2 2	1 44	18 23	2 16	22 21	0 7	7 48	1 55	33 46	15 4	16 25	16 38	13 49			n.a.
S 31	12n51	22s16	1s32	1n18	2s18	11n 0	1n16	22n32	1n13	2s 5	1s44	18s25	2s16	22n21	0n 7	7s48	1n55	33s46	15s 4	16s24	16s39	13n52			n.a.

Julian Day Number = 1299041.5, Delta T = 07h52m06s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'16, Lahiri = -19°55'15 Julian Calendar 1 Aug. 1157 BCE == Greg. Calendar 21 July 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

SEPTEMBER 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 25	27♌34'45	11♒34	22♍36	6♍17	26♋25	28°R42	16°R 3	9♊32	24♎21	5°R24	15°R40	14♒46	24♈ 0	n.a.	S 1
M 2	22 2 22	28°34'14	24°12	23°39	7°32	27° 3	28♓36	15♒59	9°34	24°23	5♒23	15♒40	14°43	24° 6	n.a.	M 2
T 3	22 6 18	29°33'44	6♓39	24°39	8°47	27°41	28°30	15°54	9°35	24°24	5°22	15°39	14°40	24°13	n.a.	T 3
W 4	22 10 15	0♍33'17	18°54	25°36	10° 3	28°18	28°23	15°50	9°36	24°26	5°21	15°38	14°37	24°20	n.a.	W 4
T 5	22 14 11	1°32'52	1♈ 0	26°31	11°18	28°56	28°17	15°45	9°37	24°27	5°20	15°35	14°34	24°26	n.a.	T 5
F 6	22 18 8	2°32'29	12°58	27°22	12°33	29°34	28°10	15°41	9°38	24°29	5°19	15°33	14°30	24°33	n.a.	F 6
S 7	22 22 4	3°32'08	24°51	28°10	13°48	0♌11	28° 3	15°36	9°40	24°30	5°18	15°30	14°27	24°40	n.a.	S 7
S 8	22 26 1	4°31'50	6♉42	28°53	15° 3	0°49	27°57	15°32	9°41	24°32	5°17	15°27	14°24	24°47	n.a.	S 8
M 9	22 29 57	5°31'34	18°35	29°33	16°18	1°27	27°50	15°28	9°41	24°33	5°16	15°25	14°21	24°53	n.a.	M 9
T 10	22 33 54	6°31'21	0♊34	0♎ 7	17°33	2° 5	27°43	15°23	9°42	24°35	5°15	15°24	14°18	25° 0	n.a.	T 10
W11	22 37 51	7°31'10	12°44	0°36	18°48	2°42	27°35	15°19	9°43	24°37	5°14	15°D24	14°14	25° 7	n.a.	W11
T 12	22 41 47	8°31'02	25°10	1° 0	20° 3	3°20	27°28	15°15	9°44	24°38	5°13	15°25	14°11	25°13	n.a.	T 12
F 13	22 45 44	9°30'56	7♋54	1°17	21°18	3°58	27°21	15°11	9°45	24°40	5°12	15°27	14° 8	25°20	n.a.	F 13
S 14	22 49 40	10°30'52	21° 3	1°27	22°34	4°35	27°13	15° 7	9°45	24°42	5°11	15°28	14° 5	25°27	n.a.	S 14
S 15	22 53 37	11°30'51	4♌37	1°R30	23°49	5°13	27° 6	15° 3	9°46	24°44	5°10	15°30	14° 2	25°34	n.a.	S 15
M16	22 57 33	12°30'52	18°37	1°25	25° 4	5°51	26°58	14°59	9°47	24°45	5° 9	15°R30	13°59	25°40	n.a.	M16
T 17	23 1 30	13°30'55	3♍ 1	1°11	26°19	6°28	26°50	14°55	9°47	24°47	5° 8	15°29	13°55	25°47	n.a.	T 17
W18	23 5 26	14°31'00	17°45	0°49	27°34	7° 6	26°43	14°51	9°48	24°49	5° 7	15°26	13°52	25°54	n.a.	W18
T 19	23 9 23	15°31'07	2♎41	0°17	28°49	7°43	26°35	14°48	9°48	24°51	5° 6	15°23	13°49	26° 0	n.a.	T 19
F 20	23 13 20	16°31'15	17°40	29♍36	0♎ 4	8°21	26°27	14°44	9°48	24°53	5° 5	15°18	13°46	26° 7	n.a.	F 20
S 21	23 17 16	17°31'26	2♏34	28°46	1°19	8°59	26°19	14°40	9°49	24°55	5° 4	15°14	13°43	26°14	n.a.	S 21
S 22	23 21 13	18°31'39	17°16	27°48	2°34	9°36	26°11	14°37	9°49	24°56	5° 3	15° 9	13°39	26°21	n.a.	S 22
M23	23 25 9	19°31'53	1♐39	26°42	3°49	10°14	26° 3	14°33	9°49	24°58	5° 3	15° 7	13°36	26°27	n.a.	M23
T 24	23 29 6	20°32'09	15°40	25°30	5° 5	10°51	25°55	14°30	9°49	25° 0	5° 2	15°D 5	13°33	26°34	n.a.	T 24
W25	23 33 2	21°32'27	29°19	24°14	6°20	11°29	25°46	14°27	9°49	25° 2	5° 1	15° 5	13°30	26°41	n.a.	W25
T 26	23 36 59	22°32'46	12♑38	22°55	7°35	12° 6	25°38	14°24	9°R49	25° 4	5° 0	15° 7	13°27	26°47	n.a.	T 26
F 27	23 40 55	23°33'07	25°38	21°37	8°50	12°44	25°30	14°21	9°49	25° 6	4°59	15° 8	13°24	26°54	n.a.	F 27
S 28	23 44 52	24°33'29	8♒23	20°22	10° 5	13°21	25°22	14°17	9°49	25° 8	4°59	15°10	13°20	27° 1	n.a.	S 28
S 29	23 48 49	25°33'53	20°54	19°12	11°20	13°59	25°14	14°15	9°49	25°10	4°58	15°R10	13°17	27° 8	n.a.	S 29
M30	23 52 45	26♍34'19	3♓15	18♍10	12♎35	14♌36	25♓ 6	14♒12	9♊49	25♎12	4♒57	15♒ 8	13♒14	27♈14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n31	17s58	0s23	0n46	2s25	10n30	1n15	22n25	1n14	2s 7	1s45	18s26	2s16	22n22	0n 7	7s49	1n55	33s46	15s 4	16s24	16s40	13n55		n.a.
M 2	12 10	12 56	0n47	0 15	2 32	10 1	1 14	22 18	1 14	2 10	1 45	18 28	2 16	22 22	0 7	7 50	1 55	33 46	15 4	16 24	16 41	13 58		n.a.
T 3	11 49	7 28	1 53	0s15	2 38	9 31	1 13	22 11	1 14	2 12	1 45	18 29	2 16	22 22	0 7	7 50	1 55	33 47	15 4	16 24	16 42	14 1		n.a.
W 4	11 27	1 49	2 53	0 44	2 44	9 1	1 11	22 4	1 15	2 15	1 45	18 30	2 16	22 22	0 7	7 51	1 55	33 47	15 4	16 25	16 43	14 3		n.a.
T 5	11 6	3n50	3 45	1 11	2 50	8 31	1 10	21 56	1 15	2 18	1 45	18 32	2 16	22 22	0 7	7 51	1 55	33 47	15 4	16 26	16 44	14 6		n.a.
F 6	10 44	9 16	4 26	1 36	2 55	8 1	1 9	21 48	1 15	2 21	1 45	18 33	2 16	22 23	0 7	7 52	1 55	33 47	15 4	16 26	16 45	14 9		n.a.
S 7	10 22	14 20	4 55	2 0	3 0	7 30	1 7	21 41	1 16	2 23	1 45	18 35	2 16	22 23	0 7	7 53	1 55	33 47	15 3	16 27	16 46	14 12		n.a.
S 8	10 0	18 51	5 11	2 21	3 4	7 0	1 6	21 33	1 16	2 26	1 45	18 36	2 16	22 23	0 7	7 53	1 54	33 47	15 3	16 28	16 47	14 15		n.a.
M 9	9 38	22 40	5 14	2 40	3 8	6 29	1 4	21 24	1 16	2 29	1 46	18 37	2 16	22 23	0 7	7 54	1 54	33 48	15 3	16 29	16 48	14 17		n.a.
T 10	9 16	25 33	5 4	2 57	3 11	5 57	1 3	21 16	1 17	2 32	1 46	18 38	2 16	22 23	0 7	7 55	1 54	33 48	15 3	16 29	16 49	14 20		n.a.
W11	8 53	27 19	4 40	3 11	3 13	5 26	1 1	21 8	1 17	2 35	1 46	18 40	2 15	22 23	0 7	7 55	1 54	33 48	15 3	16 29	16 50	14 23		n.a.
T 12	8 31	27 47	4 2	3 22	3 14	4 54	0 59	20 59	1 17	2 38	1 46	18 41	2 15	22 23	0 7	7 56	1 54	33 48	15 3	16 29	16 51	14 26		n.a.
F 13	8 8	26 47	3 12	3 29	3 15	4 23	0 58	20 50	1 18	2 41	1 46	18 42	2 15	22 24	0 7	7 57	1 54	33 48	15 2	16 28	16 52	14 29		n.a.
S 14	7 45	24 18	2 10	3 33	3 14	3 51	0 56	20 41	1 18	2 44	1 46	18 43	2 15	22 24	0 7	7 57	1 54	33 48	15 2	16 28	16 52	14 31		n.a.
S 15	7 22	20 23	0 59	3 32	3 13	3 19	0 54	20 32	1 18	2 47	1 46	18 44	2 15	22 24	0 7	7 58	1 54	33 48	15 2	16 27	16 53	14 34		n.a.
M16	6 58	15 14	0s17	3 28	3 10	2 47	0 52	20 23	1 19	2 51	1 46	18 45	2 15	22 24	0 7	7 59	1 54	33 48	15 2	16 27	16 54	14 37		n.a.
T 17	6 35	9 6	1 35	3 18	3 5	2 15	0 50	20 14	1 19	2 54	1 46	18 47	2 15	22 24	0 7	7 59	1 54	33 48	15 2	16 28	16 55	14 40		n.a.
W18	6 12	2 22	2 47	3 3	2 59	1 43	0 48	20 5	1 19	2 57	1 46	18 48	2 15	22 24	0 7	8 0	1 54	33 48	15 2	16 28	16 56	14 42		n.a.
T 19	5 48	4s35	3 50	2 43	2 51	1 11	0 46	19 55	1 19	3 0	1 46	18 49	2 15	22 24	0 7	8 1	1 54	33 48	15 1	16 29	16 57	14 45		n.a.
F 20	5 24	11 17	4 36	2 18	2 41	0 39	0 44	19 45	1 20	3 3	1 46	18 50	2 15	22 24	0 7	8 1	1 54	33 48	15 1	16 31	16 58	14 48		n.a.
S 21	5 0	17 19	5 4	1 47	2 30	0 7	0 42	19 36	1 20	3 7	1 46	18 51	2 15	22 24	0 7	8 2	1 54	33 48	15 1	16 32	16 59	14 51		n.a.
S 22	4 37	22 14	5 12	1 11	2 16	0s26	0 40	19 26	1 20	3 10	1 46	18 52	2 15	22 24	0 7	8 3	1 54	33 49	15 1	16 33	17 0	14 54		n.a.
M23	4 13	25 42	4 59	0 30	2 1	0 58	0 38	19 16	1 21	3 13	1 46	18 53	2 15	22 24	0 7	8 4	1 54	33 49	15 0	16 34	17 1	14 56		n.a.
T 24	3 49	27 30	4 29	0n14	1 44	1 30	0 36	19 6	1 21	3 16	1 46	18 54	2 15	22 24	0 7	8 4	1 54	33 49	15 0	16 35	17 2	14 59		n.a.
W25	3 24	27 34	3 44	1 2	1 25	2 3	0 33	18 55	1 21	3 20	1 46	18 54	2 14	22 24	0 7	8 5	1 54	33 48	15 0	16 35	17 3	15 2		n.a.
T 26	3 0	26 0	2 48	1 51	1 6	2 35	0 31	18 45	1 22	3 23	1 46	18 55	2 14	22 25	0 7	8 6	1 54	33 48	15 0	16 34	17 4	15 5		n.a.
F 27	2 36	23 4	1 44	2 41	0 45	3 7	0 29	18 34	1 22	3 26	1 46	18 56	2 14	22 25	0 7	8 7	1 54	33 48	15 0	16 34	17 5	15 7		n.a.
S 28	2 12	19 4	0 37	3 30	0 24	3 39	0 27	18 24	1 22	3 29	1 46	18 57	2 14	22 25	0 7	8 7	1 54	33 48	14 59	16 33	17 5	15 10		n.a.
S 29	1 47	14 16	0n31	4 17	0 4	4 11	0 24	18 13	1 22	3 33	1 46	18 58	2 14	22 25	0 7	8 8	1 54	33 48	14 59	16 33	17 6	15 13		n.a.
M30	1n23	8s59	1n36	5n 0	0n16	4s43	0n22	18n 2	1n23	3s36	1s46	18s58	2s14	22n25	0n 7	8s 9	1n54	33s48	14s59	16s34	17s 7	15n15		n.a.

Julian Day Number = 1299072.5, Delta T = 07h52m04s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'12, Lahiri = -19°55'11 Julian Calendar 1 Sept. 1157 BCE == Greg. Calendar 21 Aug. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

OCTOBER 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 42	27♍34'46	15♓26	17°R16	13♎50	15♌14	24°R57	14°R 9	9°R49	25♎14	4°R57	15°R 4	13♒11	27♈21	n.a.	T 1
W 2	0 0 38	28°35'15	27°31	16♍33	15° 5	15°51	24♓49	14♒ 6	9♊48	25°16	4♒56	14♒58	13° 8	27°28	n.a.	W 2
T 3	0 4 35	29°35'45	9♈30	16° 1	16°20	16°29	24°41	14° 4	9°48	25°18	4°55	14°50	13° 5	27°34	n.a.	T 3
F 4	0 8 31	0♎36'18	21°25	15°41	17°35	17° 6	24°33	14° 1	9°48	25°20	4°55	14°41	13° 1	27°41	n.a.	F 4
S 5	0 12 28	1°36'52	3♉17	15°D33	18°50	17°44	24°25	13°59	9°47	25°23	4°54	14°32	12°58	27°48	n.a.	S 5
S 6	0 16 24	2°37'28	15° 9	15°36	20° 5	18°21	24°17	13°56	9°47	25°25	4°53	14°23	12°55	27°55	n.a.	S 6
M 7	0 20 21	3°38'06	27° 2	15°50	21°20	18°59	24° 9	13°54	9°46	25°27	4°53	14°15	12°52	28° 1	n.a.	M 7
T 8	0 24 17	4°38'46	9♊ 0	16°14	22°35	19°36	24° 1	13°52	9°45	25°29	4°52	14° 9	12°49	28° 8	n.a.	T 8
W 9	0 28 14	5°39'28	21° 7	16°46	23°50	20°13	23°53	13°50	9°45	25°31	4°52	14° 6	12°45	28°15	n.a.	W 9
T 10	0 32 11	6°40'11	3♋27	17°27	25° 5	20°51	23°45	13°48	9°44	25°33	4°51	14°D 5	12°42	28°22	n.a.	T 10
F 11	0 36 7	7°40'56	16° 5	18°16	26°20	21°28	23°38	13°46	9°43	25°35	4°51	14° 5	12°39	28°28	n.a.	F 11
S 12	0 40 4	8°41'44	29° 6	19°10	27°35	22° 6	23°30	13°45	9°42	25°38	4°51	14° 6	12°36	28°35	n.a.	S 12
S 13	0 44 0	9°42'33	12♌33	20°11	28°50	22°43	23°23	13°43	9°42	25°40	4°50	14°R 7	12°33	28°42	n.a.	S 13
M14	0 47 57	10°43'23	26°29	21°16	0♏ 5	23°20	23°15	13°41	9°41	25°42	4°50	14° 6	12°30	28°48	n.a.	M14
T 15	0 51 53	11°44'15	10♍54	22°26	1°20	23°58	23° 8	13°40	9°40	25°44	4°49	14° 3	12°26	28°55	n.a.	T 15
W16	0 55 50	12°45'09	25°44	23°39	2°35	24°35	23° 0	13°39	9°39	25°46	4°49	13°58	12°23	29° 2	n.a.	W16
T 17	0 59 46	13°46'04	10♎54	24°55	3°50	25°12	22°53	13°38	9°37	25°49	4°49	13°50	12°20	29° 9	n.a.	T 17
F 18	1 3 43	14°47'00	26°12	26°14	5° 5	25°50	22°46	13°36	9°36	25°51	4°48	13°41	12°17	29°15	n.a.	F 18
S 19	1 7 40	15°47'58	11♏28	27°35	6°20	26°27	22°39	13°36	9°35	25°53	4°48	13°31	12°14	29°22	n.a.	S 19
S 20	1 11 36	16°48'57	26°30	28°58	7°35	27° 4	22°32	13°35	9°34	25°55	4°48	13°22	12°11	29°29	n.a.	S 20
M21	1 15 33	17°49'57	11♐11	0♎23	8°49	27°41	22°26	13°34	9°33	25°58	4°48	13°14	12° 7	29°35	n.a.	M21
T 22	1 19 29	18°50'58	25°25	1°49	10° 4	28°18	22°19	13°33	9°31	26° 0	4°47	13°10	12° 4	29°42	n.a.	T 22
W23	1 23 26	19°52'00	9♑10	3°17	11°19	28°56	22°13	13°33	9°30	26° 2	4°47	13° 7	12° 1	29°49	n.a.	W23
T 24	1 27 22	20°53'03	22°29	4°45	12°34	29°33	22° 7	13°32	9°28	26° 4	4°47	13°D 7	11°58	29°56	n.a.	T 24
F 25	1 31 19	21°54'06	5♒24	6°14	13°49	0♍10	22° 0	13°32	9°27	26° 7	4°47	13° 7	11°55	0♉ 2	n.a.	F 25
S 26	1 35 15	22°55'10	17°59	7°44	15° 4	0°47	21°54	13°32	9°25	26° 9	4°47	13°R 7	11°51	0° 9	n.a.	S 26
S 27	1 39 12	23°56'15	0♓19	9°14	16°19	1°24	21°49	13°D32	9°24	26°11	4°47	13° 6	11°48	0°16	n.a.	S 27
M28	1 43 9	24°57'20	12°28	10°45	17°33	2° 1	21°43	13°32	9°22	26°13	4°47	13° 2	11°45	0°22	n.a.	M28
T 29	1 47 5	25°58'27	24°29	12°16	18°48	2°38	21°37	13°32	9°21	26°16	4°47	12°55	11°42	0°29	n.a.	T 29
W30	1 51 2	26°59'34	6♈25	13°47	20° 3	3°15	21°32	13°32	9°19	26°18	4°D47	12°46	11°39	0°36	n.a.	W30
T 31	1 54 58	28♎ 0'41	18♈19	15♎19	21♏18	3♍52	21♓27	13♒32	9♊17	26♎20	4♒47	12♒33	11♒36	0♉43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n59	3s26	2n36	5n39	0n35	5s15	0n20	17n51	1n23	3s39	1s46	18s59	2s14	22n25	0n 7	8s10	1n54	33s48	14s59	16s35	17s 8	15n18			n.a.
W 2	0 34	2n11	3 29	6 12	0 53	5 46	0 17	17 40	1 23	3 42	1 46	19 0	2 14	22 24	0 7	8 11	1 53	33 48	14 58	16 37	17 9	15 21			n.a.
T 3	0 10	7 40	4 11	6 39	1 9	6 18	0 15	17 29	1 24	3 45	1 46	19 0	2 14	22 24	0 7	8 11	1 53	33 48	14 58	16 39	17 10	15 24			n.a.
F 4	0s15	12 50	4 42	7 0	1 23	6 49	0 12	17 18	1 24	3 49	1 46	19 1	2 13	22 24	0 7	8 12	1 53	33 48	14 58	16 42	17 11	15 26			n.a.
S 5	0 39	17 31	5 1	7 15	1 36	7 21	0 10	17 6	1 24	3 52	1 46	19 2	2 13	22 24	0 7	8 13	1 53	33 48	14 57	16 45	17 12	15 29			n.a.
S 6	1 4	21 31	5 7	7 24	1 46	7 52	0 7	16 55	1 24	3 55	1 45	19 2	2 13	22 24	0 7	8 14	1 53	33 48	14 57	16 47	17 13	15 32			n.a.
M 7	1 28	24 40	4 59	7 27	1 55	8 23	0 5	16 43	1 25	3 58	1 45	19 3	2 13	22 24	0 7	8 15	1 53	33 48	14 57	16 49	17 14	15 34			n.a.
T 8	1 53	26 45	4 39	7 24	2 3	8 54	0 2	16 31	1 25	4 1	1 45	19 3	2 13	22 24	0 7	8 15	1 53	33 48	14 57	16 51	17 15	15 37			n.a.
W 9	2 17	27 37	4 5	7 17	2 9	9 24	0s 0	16 20	1 25	4 4	1 45	19 4	2 13	22 24	0 7	8 16	1 53	33 47	14 56	16 52	17 16	15 40			n.a.
T 10	2 41	27 8	3 20	7 4	2 13	9 55	0 3	16 8	1 26	4 7	1 45	19 4	2 13	22 24	0 7	8 17	1 53	33 47	14 56	16 53	17 16	15 42			n.a.
F 11	3 6	25 14	2 24	6 48	2 16	10 25	0 5	15 56	1 26	4 10	1 45	19 5	2 13	22 24	0 7	8 18	1 53	33 47	14 56	16 52	17 17	15 45			n.a.
S 12	3 30	21 58	1 20	6 28	2 18	10 54	0 8	15 44	1 26	4 13	1 45	19 5	2 12	22 24	0 7	8 19	1 53	33 47	14 55	16 52	17 18	15 48			n.a.
S 13	3 54	17 27	0 8	6 5	2 19	11 24	0 11	15 32	1 26	4 16	1 44	19 5	2 12	22 24	0 7	8 20	1 53	33 47	14 55	16 52	17 19	15 50			n.a.
M14	4 19	11 52	1s 6	5 38	2 19	11 53	0 13	15 19	1 27	4 19	1 44	19 6	2 12	22 23	0 8	8 20	1 53	33 47	14 55	16 52	17 20	15 53			n.a.
T 15	4 43	5 28	2 18	5 10	2 18	12 22	0 16	15 7	1 27	4 22	1 44	19 6	2 12	22 23	0 8	8 21	1 53	33 46	14 55	16 53	17 21	15 56			n.a.
W16	5 7	1s23	3 23	4 38	2 16	12 51	0 18	14 55	1 27	4 24	1 44	19 6	2 12	22 23	0 8	8 22	1 53	33 46	14 54	16 55	17 22	15 58			n.a.
T 17	5 31	8 17	4 15	4 5	2 14	13 20	0 21	14 42	1 27	4 27	1 44	19 6	2 12	22 23	0 8	8 23	1 53	33 46	14 54	16 57	17 23	16 1			n.a.
F 18	5 55	14 45	4 50	3 31	2 11	13 48	0 23	14 29	1 28	4 30	1 43	19 6	2 11	22 23	0 8	8 24	1 53	33 46	14 54	17 0	17 24	16 4			n.a.
S 19	6 19	20 19	5 3	2 55	2 7	14 15	0 26	14 17	1 28	4 32	1 43	19 7	2 11	22 23	0 8	8 25	1 53	33 46	14 53	17 2	17 25	16 6			n.a.
S 20	6 43	24 28	4 55	2 17	2 3	14 43	0 28	14 4	1 28	4 35	1 43	19 7	2 11	22 23	0 8	8 25	1 53	33 45	14 53	17 5	17 26	16 9			n.a.
M21	7 7	26 55	4 28	1 39	1 58	15 10	0 31	13 51	1 28	4 37	1 43	19 7	2 11	22 22	0 8	8 26	1 53	33 45	14 53	17 7	17 26	16 12			n.a.
T 22	7 30	27 30	3 45	0 59	1 53	15 36	0 33	13 38	1 29	4 40	1 43	19 7	2 11	22 22	0 8	8 27	1 53	33 45	14 52	17 9	17 27	16 14			n.a.
W23	7 54	26 20	2 50	0 19	1 48	16 3	0 36	13 25	1 29	4 42	1 42	19 7	2 11	22 22	0 8	8 28	1 53	33 45	14 52	17 9	17 28	16 17			n.a.
T 24	8 17	23 41	1 47	0s21	1 42	16 28	0 38	13 12	1 29	4 44	1 42	19 7	2 10	22 22	0 8	8 29	1 53	33 44	14 52	17 9	17 29	16 19			n.a.
F 25	8 40	19 54	0 41	1 2	1 37	16 54	0 41	12 59	1 29	4 47	1 42	19 7	2 10	22 22	0 8	8 30	1 53	33 44	14 51	17 9	17 30	16 22			n.a.
S 26	9 3	15 17	0n26	1 44	1 31	17 19	0 43	12 46	1 30	4 49	1 42	19 7	2 10	22 21	0 8	8 30	1 53	33 44	14 51	17 9	17 31	16 25			n.a.
S 27	9 26	10 9	1 30	2 26	1 25	17 43	0 46	12 33	1 30	4 51	1 41	19 6	2 10	22 21	0 8	8 31	1 53	33 44	14 51	17 10	17 32	16 27			n.a.
M28	9 49	4 42	2 29	3 7	1 18	18 7	0 48	12 20	1 30	4 53	1 41	19 6	2 10	22 21	0 8	8 32	1 53	33 43	14 51	17 11	17 33	16 30			n.a.
T 29	10 12	0n50	3 20	3 50	1 12	18 31	0 51	12 6	1 30	4 55	1 41	19 6	2 10	22 21	0 8	8 33	1 53	33 43	14 50	17 13	17 34	16 32			n.a.
W30	10 34	6 17	4 2	4 32	1 5	18 54	0 53	11 53	1 31	4 57	1 40	19 6	2 9	22 20	0 8	8 34	1 53	33 43	14 50	17 16	17 35	16 35			n.a.
T 31	10s56	11n30	4n34	5s14	0n59	19s16	0s55	11n39	1n31	4s58	1s40	19s 6	2s 9	22n20	0n 8	8s35	1n53	33s42	14s50	17s19	17s35	16n38			n.a.

Julian Day Number = 1299102.5, Delta T = 07h52m02s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'08, Lahiri = -19°55'07 Julian Calendar 1 Oct. 1157 BCE == Greg. Calendar 20 Sept. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

NOVEMBER 1157 BCE (-1156) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 58 55	29♎ 1'50	0♉12	16♎51	22♏32	4♍29	21°R22	13♒33	9°R15	26♎22	4♒47	12°R19	11♒32	0♉49	n.a.	F 1
S 2	2 2 51	0♏ 2'59	12° 4	18°23	23°47	5° 6	21♓17	13°33	9♊14	26°25	4°47	12♒ 4	11°29	0°56	n.a.	S 2
S 3	2 6 48	1° 4'10	23°59	19°56	25° 2	5°43	21°12	13°34	9°12	26°27	4°47	11°50	11°26	1° 3	n.a.	S 3
M 4	2 10 44	2° 5'21	5♊56	21°28	26°16	6°20	21° 8	13°35	9°10	26°29	4°47	11°37	11°23	1°10	n.a.	M 4
T 5	2 14 41	3° 6'33	17°58	23° 1	27°31	6°57	21° 4	13°36	9° 8	26°31	4°47	11°27	11°20	1°16	n.a.	T 5
W 6	2 18 38	4° 7'46	0♋ 7	24°34	28°46	7°34	21° 0	13°37	9° 6	26°34	4°47	11°20	11°16	1°23	n.a.	W 6
T 7	2 22 34	5° 8'59	12°27	26° 7	0♐ 0	8°11	20°56	13°38	9° 4	26°36	4°48	11°16	11°13	1°30	n.a.	T 7
F 8	2 26 31	6°10'14	25° 2	27°40	1°15	8°48	20°52	13°39	9° 2	26°38	4°48	11°15	11°10	1°36	n.a.	F 8
S 9	2 30 27	7°11'29	7♌56	29°13	2°30	9°25	20°49	13°40	9° 0	26°40	4°48	11°14	11° 7	1°43	n.a.	S 9
S 10	2 34 24	8°12'45	21°13	0♏46	3°44	10° 2	20°45	13°42	8°58	26°43	4°48	11°14	11° 4	1°50	n.a.	S 10
M11	2 38 20	9°14'02	4♍57	2°20	4°59	10°39	20°42	13°43	8°56	26°45	4°49	11°13	11° 1	1°57	n.a.	M11
T 12	2 42 17	10°15'19	19°10	3°54	6°13	11°15	20°39	13°45	8°53	26°47	4°49	11° 9	10°57	2° 3	n.a.	T 12
W13	2 46 14	11°16'37	3♎50	5°27	7°28	11°52	20°36	13°47	8°51	26°49	4°49	11° 3	10°54	2°10	n.a.	W13
T 14	2 50 10	12°17'55	18°53	7° 1	8°43	12°29	20°34	13°49	8°49	26°51	4°50	10°54	10°51	2°17	n.a.	T 14
F 15	2 54 7	13°19'14	4♏10	8°36	9°57	13° 6	20°32	13°51	8°47	26°54	4°50	10°42	10°48	2°23	n.a.	F 15
S 16	2 58 3	14°20'33	19°31	10°10	11°12	13°42	20°29	13°53	8°44	26°56	4°50	10°30	10°45	2°30	n.a.	S 16
S 17	3 2 0	15°21'53	4♐43	11°45	12°26	14°19	20°28	13°55	8°42	26°58	4°51	10°19	10°42	2°37	n.a.	S 17
M18	3 5 56	16°23'13	19°37	13°20	13°41	14°55	20°26	13°57	8°40	27° 0	4°51	10°10	10°38	2°44	n.a.	M18
T 19	3 9 53	17°24'32	4♑ 4	14°55	14°55	15°32	20°24	14° 0	8°37	27° 2	4°52	10° 3	10°35	2°50	n.a.	T 19
W20	3 13 50	18°25'51	18° 1	16°30	16° 9	16° 9	20°23	14° 2	8°35	27° 5	4°52	9°59	10°32	2°57	n.a.	W20
T 21	3 17 46	19°27'10	1♒28	18° 6	17°24	16°45	20°22	14° 5	8°33	27° 7	4°53	9°58	10°29	3° 4	n.a.	T 21
F 22	3 21 43	20°28'29	14°27	19°42	18°38	17°22	20°21	14° 7	8°30	27° 9	4°53	9°58	10°26	3°11	n.a.	F 22
S 23	3 25 39	21°29'47	27° 4	21°18	19°52	17°58	20°20	14°10	8°28	27°11	4°54	9°58	10°22	3°17	n.a.	S 23
S 24	3 29 36	22°31'05	9♓22	22°54	21° 7	18°34	20°20	14°13	8°25	27°13	4°55	9°56	10°19	3°24	n.a.	S 24
M25	3 33 32	23°32'23	21°27	24°31	22°21	19°11	20°20	14°16	8°23	27°15	4°55	9°53	10°16	3°31	n.a.	M25
T 26	3 37 29	24°33'40	3♈24	26° 9	23°35	19°47	20°D20	14°19	8°20	27°17	4°56	9°47	10°13	3°37	n.a.	T 26
W27	3 41 25	25°34'56	15°16	27°46	24°49	20°23	20°20	14°23	8°18	27°19	4°57	9°38	10°10	3°44	n.a.	W27
T 28	3 45 22	26°36'13	27° 7	29°24	26° 4	21° 0	20°20	14°26	8°15	27°21	4°57	9°27	10° 7	3°51	n.a.	T 28
F 29	3 49 19	27°37'28	9♉ 0	1♐ 2	27°18	21°36	20°21	14°29	8°13	27°23	4°58	9°13	10° 3	3°58	n.a.	F 29
S 30	3 53 15	28♏38'44	20♉55	2♐41	28♐32	22♍12	20♓22	14♒33	8♊10	27♎25	4♒59	8♒59	10♒ 0	4♉ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s19	16n17	4n53	5s56	0n52	19s38	0s58	11n26	1n31	5s 0	1s40	19s 5	2s 9	22n20	0n 8	8s35	1n53	33s42	14s49	17s23	17s36	16n40		n.a.
S 2	11 40	20 27	5 0	6 38	0 45	20 0	1 0	11 12	1 31	5 2	1 40	19 5	2 9	22 20	0 8	8 36	1 53	33 42	14 49	17 27	17 37	16 43		n.a.
S 3	12 2	23 48	4 53	7 20	0 38	20 21	1 2	10 59	1 31	5 3	1 39	19 5	2 9	22 19	0 8	8 37	1 53	33 41	14 49	17 31	17 38	16 45		n.a.
M 4	12 24	26 8	4 34	8 1	0 31	20 41	1 4	10 45	1 32	5 5	1 39	19 4	2 9	22 19	0 8	8 38	1 53	33 41	14 48	17 35	17 39	16 48		n.a.
T 5	12 45	27 17	4 2	8 43	0 25	21 1	1 7	10 31	1 32	5 6	1 39	19 4	2 8	22 19	0 8	8 39	1 53	33 41	14 48	17 38	17 40	16 50		n.a.
W 6	13 6	27 9	3 19	9 24	0 18	21 20	1 9	10 17	1 32	5 8	1 38	19 3	2 8	22 19	0 8	8 39	1 53	33 40	14 48	17 40	17 41	16 53		n.a.
T 7	13 27	25 39	2 26	10 4	0 11	21 38	1 11	10 4	1 32	5 9	1 38	19 3	2 8	22 18	0 8	8 40	1 53	33 40	14 47	17 41	17 42	16 56		n.a.
F 8	13 48	22 52	1 24	10 45	0 4	21 56	1 13	9 50	1 33	5 10	1 38	19 2	2 8	22 18	0 8	8 41	1 53	33 40	14 47	17 41	17 43	16 58		n.a.
S 9	14 8	18 52	0 17	11 25	0s 2	22 14	1 15	9 36	1 33	5 11	1 37	19 2	2 8	22 18	0 8	8 42	1 53	33 39	14 47	17 41	17 43	17 1		n.a.
S 10	14 28	13 50	0s52	12 4	0 9	22 30	1 17	9 22	1 33	5 12	1 37	19 1	2 7	22 17	0 8	8 43	1 53	33 39	14 46	17 41	17 44	17 3		n.a.
M11	14 48	7 58	2 2	12 43	0 15	22 46	1 19	9 8	1 33	5 13	1 37	19 0	2 7	22 17	0 8	8 44	1 53	33 38	14 46	17 42	17 45	17 6		n.a.
T 12	15 8	1 31	3 6	13 22	0 22	23 2	1 21	8 54	1 33	5 14	1 36	19 0	2 7	22 17	0 8	8 44	1 53	33 38	14 46	17 43	17 46	17 8		n.a.
W13	15 28	5s12	4 0	14 0	0 28	23 16	1 22	8 40	1 34	5 15	1 36	18 59	2 7	22 16	0 8	8 45	1 53	33 38	14 45	17 45	17 47	17 11		n.a.
T 14	15 47	11 47	4 38	14 38	0 35	23 30	1 24	8 26	1 34	5 16	1 36	18 58	2 7	22 16	0 8	8 46	1 53	33 37	14 45	17 47	17 48	17 13		n.a.
F 15	16 6	17 46	4 58	15 15	0 41	23 44	1 26	8 11	1 34	5 16	1 35	18 58	2 7	22 16	0 8	8 47	1 53	33 37	14 45	17 50	17 49	17 16		n.a.
S 16	16 24	22 38	4 56	15 51	0 47	23 56	1 28	7 57	1 34	5 17	1 35	18 57	2 6	22 15	0 8	8 47	1 53	33 36	14 44	17 54	17 50	17 18		n.a.
S 17	16 43	25 54	4 33	16 27	0 53	24 8	1 29	7 43	1 34	5 17	1 35	18 56	2 6	22 15	0 8	8 48	1 53	33 36	14 44	17 57	17 51	17 21		n.a.
M18	17 1	27 17	3 52	17 1	0 58	24 19	1 31	7 29	1 35	5 18	1 34	18 55	2 6	22 15	0 8	8 49	1 53	33 35	14 44	17 59	17 51	17 23		n.a.
T 19	17 18	26 43	2 57	17 36	1 4	24 30	1 32	7 15	1 35	5 18	1 34	18 54	2 6	22 14	0 8	8 50	1 53	33 35	14 43	18 1	17 52	17 26		n.a.
W20	17 36	24 28	1 53	18 9	1 10	24 39	1 34	7 0	1 35	5 18	1 34	18 53	2 6	22 14	0 8	8 51	1 53	33 35	14 43	18 2	17 53	17 28		n.a.
T 21	17 53	20 53	0 45	18 42	1 15	24 48	1 35	6 46	1 35	5 18	1 33	18 52	2 6	22 13	0 8	8 51	1 53	33 34	14 43	18 3	17 54	17 31		n.a.
F 22	18 10	16 23	0n24	19 14	1 20	24 56	1 36	6 32	1 35	5 18	1 33	18 52	2 5	22 13	0 8	8 52	1 53	33 34	14 43	18 3	17 55	17 33		n.a.
S 23	18 26	11 18	1 29	19 45	1 25	25 4	1 38	6 18	1 35	5 18	1 33	18 51	2 5	22 13	0 8	8 53	1 53	33 33	14 42	18 3	17 56	17 36		n.a.
S 24	18 42	5 53	2 29	20 15	1 29	25 11	1 39	6 3	1 36	5 18	1 32	18 49	2 5	22 12	0 8	8 54	1 53	33 33	14 42	18 3	17 57	17 38		n.a.
M25	18 58	0 23	3 21	20 44	1 34	25 16	1 40	5 49	1 36	5 18	1 32	18 48	2 5	22 12	0 8	8 54	1 53	33 32	14 42	18 4	17 58	17 41		n.a.
T 26	19 13	5n 5	4 3	21 12	1 38	25 22	1 41	5 34	1 36	5 18	1 32	18 47	2 5	22 12	0 8	8 55	1 53	33 32	14 41	18 5	17 58	17 43		n.a.
W27	19 28	10 19	4 34	21 39	1 42	25 26	1 42	5 20	1 36	5 17	1 31	18 46	2 5	22 11	0 8	8 56	1 53	33 31	14 41	18 8	17 59	17 46		n.a.
T 28	19 43	15 10	4 54	22 4	1 46	25 29	1 43	5 6	1 36	5 17	1 31	18 45	2 4	22 11	0 8	8 56	1 53	33 31	14 41	18 11	18 0	17 48		n.a.
F 29	19 57	19 28	5 1	22 29	1 49	25 32	1 44	4 51	1 36	5 16	1 31	18 44	2 4	22 10	0 8	8 57	1 53	33 30	14 40	18 15	18 1	17 51		n.a.
S 30	20s11	23n 0	4n54	22s52	1s52	25s34	1s45	4n37	1n37	5s16	1s30	18s43	2s 4	22n10	0n 8	8s58	1n53	33s30	14s40	18s18	18s 2	17n53		n.a.

Julian Day Number = 1299133.5, Delta T = 07h52m01s
Ecliptic obliquity = 23°50'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°02'03, Lahiri = -19°55'03 Julian Calendar 1 Nov. 1157 BCE == Greg. Calendar 21 Oct. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1157 BCE
geocentric

DECEMBER 1157 BCE (-1156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 12	29♏39'59	2♊55	4♐20	29♐46	22♍48	20♓23	14♒36	8°R 8	27♎27	5♒ 0	8°R46	9♒57	4♉11	n.a.	S 1
M 2	4 1 8	0♐41'14	15° 0	6° 0	1♑ 0	23°24	20°24	14°40	8♊ 5	27°29	5° 0	8♒34	9°54	4°18	n.a.	M 2
T 3	4 5 5	1°42'28	27°12	7°39	2°14	24° 1	20°25	14°44	8° 2	27°31	5° 1	8°24	9°51	4°25	n.a.	T 3
W 4	4 9 1	2°43'42	9♋32	9°20	3°28	24°37	20°27	14°48	8° 0	27°33	5° 2	8°17	9°48	4°31	n.a.	W 4
T 5	4 12 58	3°44'55	22° 1	11° 0	4°42	25°13	20°29	14°52	7°57	27°35	5° 3	8°14	9°44	4°38	n.a.	T 5
F 6	4 16 55	4°46'09	4♌43	12°41	5°56	25°49	20°31	14°56	7°55	27°37	5° 4	8°D12	9°41	4°45	n.a.	F 6
S 7	4 20 51	5°47'21	17°40	14°22	7°10	26°25	20°33	15° 0	7°52	27°39	5° 5	8°12	9°38	4°51	n.a.	S 7
S 8	4 24 48	6°48'34	0♍54	16° 3	8°23	27° 0	20°35	15° 4	7°49	27°41	5° 6	8°R13	9°35	4°58	n.a.	S 8
M 9	4 28 44	7°49'45	14°30	17°45	9°37	27°36	20°38	15° 9	7°47	27°43	5° 7	8°13	9°32	5° 5	n.a.	M 9
T 10	4 32 41	8°50'57	28°29	19°26	10°51	28°12	20°41	15°13	7°44	27°44	5° 7	8°11	9°28	5°12	n.a.	T 10
W11	4 36 37	9°52'08	12♎51	21° 7	12° 5	28°48	20°44	15°17	7°42	27°46	5° 8	8° 7	9°25	5°18	n.a.	W11
T 12	4 40 34	10°53'18	27°34	22°48	13°18	29°24	20°47	15°22	7°39	27°48	5° 9	8° 1	9°22	5°25	n.a.	T 12
F 13	4 44 30	11°54'28	12♏32	24°29	14°32	29°59	20°50	15°27	7°36	27°50	5°10	7°52	9°19	5°32	n.a.	F 13
S 14	4 48 27	12°55'38	27°37	26°10	15°46	0♎35	20°54	15°31	7°34	27°52	5°12	7°43	9°16	5°39	n.a.	S 14
S 15	4 52 24	13°56'46	12♐39	27°49	16°59	1°10	20°58	15°36	7°31	27°53	5°13	7°35	9°13	5°45	n.a.	S 15
M16	4 56 20	14°57'54	27°28	29°28	18°13	1°46	21° 2	15°41	7°29	27°55	5°14	7°27	9° 9	5°52	n.a.	M16
T 17	5 0 17	15°59'00	11♑57	1♑ 5	19°26	2°21	21° 6	15°46	7°26	27°57	5°15	7°22	9° 6	5°59	n.a.	T 17
W18	5 4 13	17° 0'05	25°59	2°41	20°39	2°57	21°10	15°51	7°23	27°58	5°16	7°20	9° 3	6° 5	n.a.	W18
T 19	5 8 10	18° 1'09	9♒34	4°14	21°53	3°32	21°15	15°56	7°21	28° 0	5°17	7°D19	9° 0	6°12	n.a.	T 19
F 20	5 12 6	19° 2'12	22°41	5°46	23° 6	4° 7	21°20	16° 2	7°18	28° 2	5°18	7°20	8°57	6°19	n.a.	F 20
S 21	5 16 3	20° 3'13	5♓24	7°14	24°19	4°43	21°25	16° 7	7°16	28° 3	5°19	7°21	8°54	6°26	n.a.	S 21
S 22	5 20 0	21° 4'12	17°47	8°38	25°32	5°18	21°30	16°12	7°13	28° 5	5°21	7°R22	8°50	6°32	n.a.	S 22
M23	5 23 56	22° 5'11	29°55	9°59	26°45	5°53	21°35	16°18	7°11	28° 6	5°22	7°22	8°47	6°39	n.a.	M23
T 24	5 27 53	23° 6'07	11♈53	11°15	27°58	6°28	21°40	16°23	7° 8	28° 8	5°23	7°20	8°44	6°46	n.a.	T 24
W25	5 31 49	24° 7'02	23°45	12°24	29°11	7° 3	21°46	16°29	7° 6	28° 9	5°24	7°16	8°41	6°52	n.a.	W25
T 26	5 35 46	25° 7'56	5♉36	13°28	0♒24	7°38	21°52	16°35	7° 3	28°11	5°25	7°10	8°38	6°59	n.a.	T 26
F 27	5 39 42	26° 8'48	17°30	14°24	1°37	8°12	21°58	16°40	7° 1	28°12	5°27	7° 2	8°34	7° 6	n.a.	F 27
S 28	5 43 39	27° 9'38	29°29	15°13	2°50	8°47	22° 4	16°46	6°59	28°13	5°28	6°55	8°31	7°13	n.a.	S 28
S 29	5 47 35	28°10'27	11♊36	15°52	4° 3	9°22	22°10	16°52	6°56	28°15	5°29	6°47	8°28	7°19	n.a.	S 29
M30	5 51 32	29°11'15	23°51	16°23	5°15	9°57	22°17	16°58	6°54	28°16	5°31	6°40	8°25	7°26	n.a.	M30
T 31	5 55 29	0♑12'01	6♋17	16♑43	6♒28	10♎31	22♓23	17♒ 4	6♊51	28♎17	5♒32	6♒35	8♒22	7♉33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s25	25n34	4n35	23s14	1s55	25s35	1s45	4n23	1n37	5s15	1s30	18s41	2s 4	22n10	0n 8	8s59	1n53	33s30	14s40	18s22	18s 3	17n55			n.a.
M 2	20 38	27 0	4 3	23 35	1 57	25 36	1 46	4 8	1 37	5 14	1 30	18 40	2 4	22 9	0 8	8 59	1 53	33 29	14 40	18 25	18 4	17 58			n.a.
T 3	20 51	27 8	3 19	23 55	1 59	25 35	1 47	3 54	1 37	5 13	1 29	18 39	2 4	22 9	0 8	9 0	1 53	33 29	14 39	18 28	18 4	18 0			n.a.
W 4	21 3	25 55	2 26	24 13	2 1	25 34	1 47	3 39	1 37	5 12	1 29	18 38	2 3	22 8	0 8	9 1	1 54	33 28	14 39	18 30	18 5	18 3			n.a.
T 5	21 15	23 24	1 25	24 29	2 2	25 32	1 47	3 25	1 37	5 11	1 29	18 36	2 3	22 8	0 8	9 1	1 54	33 28	14 39	18 31	18 6	18 5			n.a.
F 6	21 26	19 42	0 19	24 44	2 3	25 30	1 48	3 11	1 37	5 10	1 28	18 35	2 3	22 7	0 8	9 2	1 54	33 27	14 38	18 31	18 7	18 8			n.a.
S 7	21 38	15 0	0s50	24 57	2 4	25 26	1 48	2 56	1 37	5 9	1 28	18 34	2 3	22 7	0 8	9 3	1 54	33 27	14 38	18 31	18 8	18 10			n.a.
S 8	21 48	9 30	1 58	25 8	2 4	25 22	1 48	2 42	1 38	5 7	1 27	18 32	2 3	22 7	0 8	9 3	1 54	33 26	14 38	18 31	18 9	18 12			n.a.
M 9	21 59	3 25	3 1	25 18	2 3	25 17	1 48	2 27	1 38	5 6	1 27	18 31	2 3	22 6	0 8	9 4	1 54	33 26	14 38	18 31	18 10	18 15			n.a.
T 10	22 8	2s58	3 55	25 26	2 2	25 11	1 48	2 13	1 38	5 5	1 27	18 29	2 3	22 6	0 8	9 5	1 54	33 25	14 37	18 31	18 10	18 17			n.a.
W11	22 18	9 23	4 36	25 32	2 0	25 4	1 48	1 59	1 38	5 3	1 26	18 28	2 2	22 5	0 8	9 5	1 54	33 25	14 37	18 32	18 11	18 20			n.a.
T 12	22 27	15 25	5 0	25 36	1 58	24 57	1 48	1 44	1 38	5 2	1 26	18 26	2 2	22 5	0 8	9 6	1 54	33 24	14 37	18 34	18 12	18 22			n.a.
F 13	22 35	20 40	5 4	25 38	1 55	24 49	1 48	1 30	1 38	5 0	1 26	18 25	2 2	22 5	0 8	9 6	1 54	33 23	14 37	18 36	18 13	18 24			n.a.
S 14	22 43	24 36	4 47	25 38	1 51	24 40	1 48	1 16	1 38	4 58	1 25	18 23	2 2	22 4	0 8	9 7	1 54	33 23	14 36	18 38	18 14	18 27			n.a.
S 15	22 51	26 49	4 10	25 36	1 47	24 30	1 47	1 1	1 38	4 56	1 25	18 21	2 2	22 4	0 8	9 8	1 54	33 22	14 36	18 41	18 15	18 29			n.a.
M16	22 58	27 5	3 17	25 32	1 42	24 20	1 47	0 47	1 38	4 54	1 25	18 20	2 2	22 3	0 8	9 8	1 54	33 22	14 36	18 43	18 16	18 31			n.a.
T 17	23 5	25 29	2 12	25 26	1 36	24 9	1 46	0 33	1 38	4 52	1 24	18 18	2 2	22 3	0 8	9 9	1 54	33 21	14 36	18 44	18 16	18 34			n.a.
W18	23 11	22 17	1 1	25 18	1 29	23 57	1 45	0 19	1 38	4 50	1 24	18 16	2 1	22 2	0 8	9 9	1 54	33 21	14 35	18 45	18 17	18 36			n.a.
T 19	23 17	17 57	0n12	25 7	1 22	23 45	1 45	0 4	1 38	4 48	1 24	18 15	2 1	22 2	0 8	9 10	1 54	33 20	14 35	18 45	18 18	18 38			n.a.
F 20	23 22	12 53	1 22	24 55	1 13	23 32	1 44	0s10	1 38	4 46	1 23	18 13	2 1	22 2	0 8	9 10	1 54	33 20	14 35	18 45	18 19	18 41			n.a.
S 21	23 27	7 26	2 26	24 42	1 4	23 18	1 43	0 24	1 39	4 44	1 23	18 11	2 1	22 1	0 8	9 11	1 54	33 19	14 35	18 44	18 20	18 43			n.a.
S 22	23 32	1 50	3 21	24 26	0 53	23 3	1 42	0 38	1 39	4 41	1 23	18 10	2 1	22 1	0 8	9 11	1 54	33 19	14 35	18 44	18 21	18 46			n.a.
M23	23 36	3n43	4 6	24 9	0 42	22 48	1 41	0 52	1 39	4 39	1 22	18 8	2 1	22 0	0 8	9 12	1 54	33 18	14 34	18 44	18 22	18 48			n.a.
T 24	23 39	9 2	4 39	23 51	0 30	22 32	1 40	1 6	1 39	4 37	1 22	18 6	2 1	22 0	0 8	9 12	1 54	33 18	14 34	18 45	18 22	18 50			n.a.
W25	23 42	14 0	5 0	23 31	0 17	22 16	1 38	1 20	1 39	4 34	1 22	18 4	2 1	22 0	0 8	9 13	1 54	33 17	14 34	18 46	18 23	18 52			n.a.
T 26	23 45	18 26	5 8	23 11	0 2	21 59	1 37	1 34	1 39	4 31	1 21	18 2	2 0	21 59	0 8	9 13	1 54	33 17	14 34	18 47	18 24	18 55			n.a.
F 27	23 47	22 10	5 4	22 50	0n13	21 41	1 36	1 48	1 39	4 29	1 21	18 0	2 0	21 59	0 8	9 14	1 54	33 16	14 34	18 49	18 25	18 57			n.a.
S 28	23 48	25 0	4 45	22 29	0 29	21 23	1 34	2 2	1 39	4 26	1 21	17 59	2 0	21 58	0 8	9 14	1 55	33 16	14 33	18 51	18 26	18 59			n.a.
S 29	23 49	26 44	4 14	22 8	0 45	21 4	1 33	2 16	1 39	4 23	1 21	17 57	2 0	21 58	0 8	9 15	1 55	33 15	14 33	18 53	18 27	19 2			n.a.
M30	23 50	27 12	3 31	21 47	1 2	20 44	1 31	2 30	1 39	4 20	1 20	17 55	2 0	21 57	0 8	9 15	1 55	33 15	14 33	18 55	18 27	19 4			n.a.
T 31	23s50	26n18	2n37	21s27	1n20	20s24	1s29	2s43	1n39	4s17	1s20	17s53	2s 0	21n57	0n 9	9s16	1n55	33s14	14s33	18s56	18s28	19n 6			n.a.

Julian Day Number = 1299163.5, Delta T = 07h51m59s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'59, Lahiri = -19°54'59 Julian Calendar 1 Dec. 1157 BCE == Greg. Calendar 20 Nov. 1157 BCE

The year -1156 astronomical counting style corresponds to year 1157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

JANUARY 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 59 25	1♉12'46	18♋54	16°R52	7♒40	11♎ 6	22♓30	17♒10	6°R49	28♎19	5♒33	6°R32	8♒19	7♉40	n.a.	W 1
T 2	6 3 22	2°13'29	1♌41	16♉51	8°53	11°40	22°37	17°16	6♊47	28°20	5°35	6°D30	8°15	7°46	n.a.	T 2
F 3	6 7 18	3°14'11	14°41	16°39	10° 5	12°14	22°44	17°22	6°45	28°21	5°36	6♒30	8°12	7°53	n.a.	F 3
S 4	6 11 15	4°14'51	27°53	16°17	11°17	12°49	22°51	17°28	6°42	28°22	5°37	6°32	8° 9	8° 0	n.a.	S 4
S 5	6 15 11	5°15'30	11♍18	15°44	12°29	13°23	22°59	17°35	6°40	28°23	5°39	6°33	8° 6	8° 6	n.a.	S 5
M 6	6 19 8	6°16'07	24°58	15° 2	13°41	13°57	23° 6	17°41	6°38	28°25	5°40	6°35	8° 3	8°13	n.a.	M 6
T 7	6 23 4	7°16'43	8♎54	14°12	14°53	14°31	23°14	17°47	6°36	28°26	5°41	6°R35	8° 0	8°20	n.a.	T 7
W 8	6 27 1	8°17'18	23° 3	13°15	16° 5	15° 5	23°22	17°54	6°34	28°27	5°43	6°34	7°56	8°27	n.a.	W 8
T 9	6 30 58	9°17'52	7♏26	12°13	17°17	15°39	23°30	18° 0	6°32	28°28	5°44	6°32	7°53	8°33	n.a.	T 9
F 10	6 34 54	10°18'24	21°59	11° 7	18°29	16°13	23°38	18° 7	6°29	28°29	5°46	6°29	7°50	8°40	n.a.	F 10
S 11	6 38 51	11°18'54	6♐36	9°59	19°40	16°46	23°46	18°13	6°27	28°30	5°47	6°25	7°47	8°47	n.a.	S 11
S 12	6 42 47	12°19'23	21°11	8°51	20°52	17°20	23°55	18°20	6°25	28°31	5°49	6°22	7°44	8°54	n.a.	S 12
M13	6 46 44	13°19'51	5♑39	7°45	22° 3	17°54	24° 3	18°27	6°24	28°32	5°50	6°19	7°40	9° 0	n.a.	M13
T 14	6 50 40	14°20'16	19°52	6°43	23°15	18°27	24°12	18°34	6°22	28°33	5°52	6°17	7°37	9° 7	n.a.	T 14
W15	6 54 37	15°20'40	3♒46	5°44	24°26	19° 0	24°21	18°40	6°20	28°33	5°53	6°D16	7°34	9°14	n.a.	W15
T 16	6 58 33	16°21'01	17°18	4°51	25°37	19°34	24°30	18°47	6°18	28°34	5°55	6°16	7°31	9°20	n.a.	T 16
F 17	7 2 30	17°21'21	0♓27	4° 4	26°48	20° 7	24°39	18°54	6°16	28°35	5°56	6°17	7°28	9°27	n.a.	F 17
S 18	7 6 27	18°21'38	13°13	3°24	27°59	20°40	24°48	19° 1	6°14	28°36	5°58	6°19	7°25	9°34	n.a.	S 18
S 19	7 10 23	19°21'53	25°41	2°51	29°10	21°12	24°57	19° 8	6°13	28°36	5°59	6°20	7°21	9°41	n.a.	S 19
M20	7 14 20	20°22'06	7♈53	2°26	0♓20	21°45	25° 7	19°15	6°11	28°37	6° 1	6°21	7°18	9°47	n.a.	M20
T 21	7 18 16	21°22'17	19°54	2° 7	1°31	22°18	25°16	19°22	6° 9	28°38	6° 2	6°R22	7°15	9°54	n.a.	T 21
W22	7 22 13	22°22'26	1♉48	1°55	2°41	22°50	25°26	19°29	6° 8	28°38	6° 4	6°22	7°12	10° 1	n.a.	W22
T 23	7 26 9	23°22'32	13°40	1°D51	3°51	23°23	25°36	19°36	6° 6	28°39	6° 5	6°21	7° 9	10° 8	n.a.	T 23
F 24	7 30 6	24°22'36	25°35	1°53	5° 2	23°55	25°46	19°43	6° 5	28°40	6° 7	6°19	7° 6	10°14	n.a.	F 24
S 25	7 34 2	25°22'38	7♊37	2° 1	6°12	24°27	25°56	19°51	6° 3	28°40	6° 8	6°18	7° 2	10°21	n.a.	S 25
S 26	7 37 59	26°22'37	19°49	2°14	7°22	25° 0	26° 6	19°58	6° 2	28°41	6°10	6°16	6°59	10°28	n.a.	S 26
M27	7 41 56	27°22'35	2♋13	2°34	8°31	25°31	26°16	20° 5	6° 1	28°41	6°11	6°15	6°56	10°34	n.a.	M27
T 28	7 45 52	28°22'30	14°52	2°59	9°41	26° 3	26°27	20°12	5°59	28°41	6°13	6°14	6°53	10°41	n.a.	T 28
W29	7 49 49	29°22'23	27°47	3°28	10°50	26°35	26°37	20°20	5°58	28°42	6°15	6°14	6°50	10°48	n.a.	W29
T 30	7 53 45	0♒22'14	10♌56	4° 2	12° 0	27° 7	26°48	20°27	5°57	28°42	6°16	6°D14	6°46	10°55	n.a.	T 30
F 31	7 57 42	1♒22'03	24♌21	4♉41	13♓ 9	27♎38	26♓58	20♒34	5♊56	28♎43	6♒18	6♒14	6♒43	11♉ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s50	24n 2	1n34	21 s 8	1n37	20 s 4	1 s27	2 s57	1n39	4 s14	1 s20	17 s51	2 s 0	21n57	0n 9	9 s16	1n55	33 s14	14 s33	18 s57	18 s29	19n 9			n.a.
T 2	23 49	20 32	0 26	20 51	1 55	19 42	1 25	3 11	1 39	4 11	1 19	17 49	2 0	21 56	0 9	9 16	1 55	33 13	14 33	18 57	18 30	19 11			n.a.
F 3	23 48	15 59	0 s45	20 35	2 13	19 21	1 23	3 24	1 38	4 8	1 19	17 47	2 0	21 56	0 9	9 17	1 55	33 12	14 32	18 57	18 31	19 13			n.a.
S 4	23 46	10 37	1 54	20 21	2 30	18 59	1 21	3 38	1 38	4 5	1 19	17 45	2 0	21 56	0 9	9 17	1 55	33 12	14 32	18 57	18 32	19 15			n.a.
S 5	23 44	4 42	2 59	20 9	2 46	18 36	1 19	3 52	1 38	4 2	1 18	17 43	1 59	21 55	0 9	9 17	1 55	33 11	14 32	18 56	18 33	19 18			n.a.
M 6	23 41	1 s33	3 54	19 59	3 0	18 13	1 17	4 5	1 38	3 58	1 18	17 41	1 59	21 55	0 9	9 18	1 55	33 11	14 32	18 56	18 33	19 20			n.a.
T 7	23 38	7 49	4 37	19 51	3 14	17 49	1 14	4 19	1 38	3 55	1 18	17 39	1 59	21 54	0 9	9 18	1 55	33 10	14 32	18 56	18 34	19 22			n.a.
W 8	23 34	13 48	5 5	19 45	3 25	17 25	1 12	4 32	1 38	3 52	1 18	17 36	1 59	21 54	0 9	9 19	1 55	33 10	14 32	18 56	18 35	19 24			n.a.
T 9	23 30	19 8	5 13	19 42	3 35	17 1	1 10	4 45	1 38	3 48	1 17	17 34	1 59	21 54	0 9	9 19	1 55	33 9	14 31	18 57	18 36	19 27			n.a.
F 10	23 26	23 25	5 2	19 40	3 43	16 36	1 7	4 59	1 38	3 45	1 17	17 32	1 59	21 53	0 9	9 19	1 55	33 9	14 31	18 58	18 37	19 29			n.a.
S 11	23 21	26 13	4 31	19 40	3 48	16 10	1 4	5 12	1 38	3 41	1 17	17 30	1 59	21 53	0 9	9 19	1 55	33 8	14 31	18 58	18 38	19 31			n.a.
S 12	23 15	27 14	3 43	19 42	3 51	15 45	1 2	5 25	1 38	3 37	1 16	17 28	1 59	21 53	0 9	9 20	1 55	33 8	14 31	18 59	18 38	19 33			n.a.
M13	23 9	26 23	2 40	19 45	3 51	15 19	0 59	5 38	1 38	3 34	1 16	17 26	1 59	21 52	0 9	9 20	1 55	33 7	14 31	19 0	18 39	19 35			n.a.
T 14	23 3	23 48	1 29	19 50	3 50	14 52	0 56	5 51	1 37	3 30	1 16	17 23	1 59	21 52	0 9	9 20	1 55	33 7	14 31	19 1	18 40	19 38			n.a.
W15	22 56	19 51	0 14	19 56	3 46	14 25	0 53	6 4	1 37	3 26	1 16	17 21	1 59	21 52	0 9	9 21	1 56	33 6	14 31	19 1	18 41	19 40			n.a.
T 16	22 49	14 57	1n 0	20 4	3 41	13 58	0 50	6 17	1 37	3 22	1 15	17 19	1 59	21 51	0 9	9 21	1 56	33 6	14 31	19 1	18 42	19 42			n.a.
F 17	22 41	9 29	2 9	20 12	3 34	13 31	0 47	6 30	1 37	3 18	1 15	17 17	1 59	21 51	0 9	9 21	1 56	33 5	14 31	19 0	18 42	19 44			n.a.
S 18	22 33	3 47	3 10	20 22	3 26	13 3	0 43	6 42	1 37	3 14	1 15	17 14	1 59	21 51	0 9	9 21	1 56	33 5	14 31	19 0	18 43	19 46			n.a.
S 19	22 25	1n55	4 0	20 32	3 16	12 35	0 40	6 55	1 37	3 10	1 15	17 12	1 59	21 51	0 9	9 21	1 56	33 4	14 30	19 0	18 44	19 49			n.a.
M20	22 16	7 25	4 38	20 43	3 6	12 6	0 37	7 8	1 36	3 6	1 14	17 10	1 58	21 50	0 9	9 22	1 56	33 4	14 30	18 59	18 45	19 51			n.a.
T 21	22 6	12 34	5 3	20 54	2 55	11 38	0 33	7 20	1 36	3 2	1 14	17 8	1 58	21 50	0 9	9 22	1 56	33 3	14 30	18 59	18 46	19 53			n.a.
W22	21 56	17 12	5 15	21 6	2 43	11 9	0 30	7 33	1 36	2 58	1 14	17 5	1 58	21 50	0 9	9 22	1 56	33 3	14 30	18 59	18 47	19 55			n.a.
T 23	21 46	21 10	5 13	21 18	2 31	10 40	0 26	7 45	1 36	2 54	1 13	17 3	1 58	21 49	0 9	9 22	1 56	33 2	14 30	19 0	18 47	19 57			n.a.
F 24	21 36	24 18	4 58	21 31	2 18	10 10	0 23	7 57	1 35	2 50	1 13	17 1	1 58	21 49	0 9	9 22	1 56	33 2	14 30	19 0	18 48	20 0			n.a.
S 25	21 25	26 23	4 30	21 43	2 6	9 41	0 19	8 10	1 35	2 45	1 13	16 58	1 58	21 49	0 9	9 22	1 56	33 1	14 30	19 0	18 49	20 2			n.a.
S 26	21 13	27 15	3 49	21 56	1 53	9 11	0 15	8 22	1 35	2 41	1 13	16 56	1 58	21 49	0 9	9 22	1 56	33 1	14 30	19 1	18 50	20 4			n.a.
M27	21 2	26 46	2 57	22 8	1 41	8 41	0 12	8 34	1 35	2 37	1 13	16 54	1 58	21 48	0 9	9 23	1 56	33 1	14 30	19 1	18 51	20 6			n.a.
T 28	20 50	24 54	1 56	22 20	1 28	8 11	0 8	8 46	1 34	2 32	1 12	16 51	1 58	21 48	0 9	9 23	1 56	33 0	14 30	19 1	18 51	20 8			n.a.
W29	20 37	21 43	0 47	22 32	1 16	7 41	0 4	8 58	1 34	2 28	1 12	16 49	1 58	21 48	0 9	9 23	1 56	33 0	14 30	19 1	18 52	20 10			n.a.
T 30	20 24	17 21	0 s26	22 43	1 4	7 10	0n 0	9 10	1 34	2 23	1 12	16 46	1 58	21 48	0 9	9 23	1 56	32 59	14 30	19 1	18 53	20 12			n.a.
F 31	20 s11	12n 4	1 s39	22 s53	0n52	6 s40	0n 4	9 s21	1n33	2 s19	1 s12	16 s44	1 s58	21n48	0n 9	9 s23	1n56	32 s59	14 s30	19 s 1	18 s54	20n14			n.a.

Julian Day Number = 1299194.5, Delta T = 07h51m58s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'55, Lahiri = -19°54'55 Julian Calendar 1 Jan. 1156 BCE == Greg. Calendar 21 Dec. 1157 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

FEBRUARY 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 38	2♒21'49	7♍58	5♉23	14♓18	28♎ 9	27♓ 9	20♒42	5°R54	28♎43	6♒19	6♒14	6♒40	11♉ 8	n.a.	S 1
S 2	8 5 35	3°21'34	21°47	6° 9	15°26	28°40	27°20	20°49	5♊53	28°43	6°21	6°14	6°37	11°15	n.a.	S 2
M 3	8 9 31	4°21'17	5♎45	6°58	16°35	29°11	27°31	20°56	5°52	28°43	6°22	6°15	6°34	11°22	n.a.	M 3
T 4	8 13 28	5°20'58	19°50	7°51	17°44	29°42	27°42	21° 4	5°51	28°43	6°24	6°15	6°31	11°28	n.a.	T 4
W 5	8 17 25	6°20'37	4♏ 1	8°47	18°52	0♏13	27°53	21°11	5°50	28°44	6°26	6°15	6°27	11°35	n.a.	W 5
T 6	8 21 21	7°20'15	18°14	9°45	20° 0	0°44	28° 5	21°19	5°50	28°44	6°27	6°15	6°24	11°42	n.a.	T 6
F 7	8 25 18	8°19'50	2♐27	10°47	21° 8	1°14	28°16	21°26	5°49	28°44	6°29	6°15	6°21	11°48	n.a.	F 7
S 8	8 29 14	9°19'24	16°39	11°51	22°16	1°44	28°27	21°34	5°48	28°44	6°30	6°15	6°18	11°55	n.a.	S 8
S 9	8 33 11	10°18'56	0♑45	12°57	23°23	2°14	28°39	21°41	5°47	28°R44	6°32	6°16	6°15	12° 2	n.a.	S 9
M10	8 37 7	11°18'26	14°43	14° 5	24°31	2°44	28°51	21°49	5°47	28°44	6°33	6°16	6°12	12° 9	n.a.	M10
T 11	8 41 4	12°17'54	28°30	15°16	25°38	3°14	29° 2	21°57	5°46	28°44	6°35	6°16	6° 8	12°15	n.a.	T 11
W12	8 45 0	13°17'19	12♒ 2	16°29	26°45	3°43	29°14	22° 4	5°45	28°44	6°37	6°R16	6° 5	12°22	n.a.	W12
T 13	8 48 57	14°16'43	25°19	17°43	27°52	4°13	29°26	22°12	5°45	28°44	6°38	6°16	6° 2	12°29	n.a.	T 13
F 14	8 52 53	15°16'04	8♓19	19° 0	28°58	4°42	29°38	22°19	5°44	28°43	6°40	6°15	5°59	12°35	n.a.	F 14
S 15	8 56 50	16°15'23	21° 2	20°18	0♈ 5	5°11	29°50	22°27	5°44	28°43	6°41	6°14	5°56	12°42	n.a.	S 15
S 16	9 0 47	17°14'39	3♈28	21°39	1°11	5°39	0♈ 2	22°35	5°44	28°43	6°43	6°12	5°52	12°49	n.a.	S 16
M17	9 4 43	18°13'53	15°41	23° 1	2°17	6° 8	0°14	22°42	5°43	28°43	6°44	6°11	5°49	12°56	n.a.	M17
T 18	9 8 40	19°13'05	27°43	24°24	3°23	6°36	0°26	22°50	5°43	28°43	6°46	6° 9	5°46	13° 2	n.a.	T 18
W19	9 12 36	20°12'14	9♉38	25°49	4°28	7° 4	0°39	22°58	5°43	28°42	6°48	6° 8	5°43	13° 9	n.a.	W19
T 20	9 16 33	21°11'21	21°31	27°16	5°33	7°32	0°51	23° 5	5°43	28°42	6°49	6°D 8	5°40	13°16	n.a.	T 20
F 21	9 20 29	22°10'25	3♊26	28°44	6°38	8° 0	1° 4	23°13	5°43	28°42	6°51	6° 8	5°37	13°23	n.a.	F 21
S 22	9 24 26	23° 9'27	15°28	0♒14	7°43	8°27	1°16	23°20	5°D43	28°41	6°52	6° 9	5°33	13°29	n.a.	S 22
S 23	9 28 22	24° 8'27	27°41	1°46	8°47	8°54	1°29	23°28	5°43	28°41	6°54	6°11	5°30	13°36	n.a.	S 23
M24	9 32 19	25° 7'24	10♋10	3°19	9°51	9°21	1°41	23°36	5°43	28°40	6°55	6°12	5°27	13°43	n.a.	M24
T 25	9 36 16	26° 6'19	22°57	4°53	10°55	9°48	1°54	23°43	5°43	28°40	6°57	6°13	5°24	13°49	n.a.	T 25
W26	9 40 12	27° 5'11	6♌ 4	6°29	11°59	10°14	2° 7	23°51	5°43	28°39	6°58	6°R14	5°21	13°56	n.a.	W26
T 27	9 44 9	28° 4'02	19°33	8° 6	13° 2	10°40	2°19	23°59	5°43	28°39	7° 0	6°13	5°18	14° 3	n.a.	T 27
F 28	9 48 5	29♒ 2'50	3♍21	9♒45	14♈ 5	11♏ 6	2♈32	24♒ 6	5♊44	28♎38	7♒ 1	6♒12	5♒14	14♉10	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s57	6n 9	2s47	23s 3	0n40	6s 9	0n 8	9s33	1n33	2s14	1s11	16s42	1s58	21n47	0n 9	9s23	1n57	32s58	14s30	19s 1	18s55	20n17		n.a.
S 2	19 43	0s 9	3 47	23 13	0 28	5 38	0 12	9 45	1 32	2 10	1 11	16 39	1 58	21 47	0 9	9 23	1 57	32 58	14 30	19 1	18 56	20 19		n.a.
M 3	19 29	6 29	4 33	23 22	0 17	5 7	0 17	9 56	1 32	2 5	1 11	16 37	1 58	21 47	0 9	9 23	1 57	32 57	14 30	19 1	18 56	20 21		n.a.
T 4	19 15	12 33	5 4	23 29	0 7	4 37	0 21	10 8	1 32	2 0	1 11	16 34	1 58	21 47	0 9	9 23	1 57	32 57	14 30	19 1	18 57	20 23		n.a.
W 5	19 0	18 1	5 17	23 36	0s 4	4 5	0 25	10 19	1 31	1 56	1 10	16 32	1 58	21 47	0 9	9 23	1 57	32 57	14 30	19 1	18 58	20 25		n.a.
T 6	18 44	22 29	5 10	23 42	0 14	3 34	0 29	10 30	1 31	1 51	1 10	16 29	1 58	21 46	0 9	9 23	1 57	32 56	14 30	19 1	18 59	20 27		n.a.
F 7	18 29	25 38	4 45	23 47	0 24	3 3	0 34	10 41	1 30	1 46	1 10	16 27	1 58	21 46	0 9	9 23	1 57	32 56	14 30	19 1	19 0	20 29		n.a.
S 8	18 13	27 9	4 2	23 51	0 33	2 32	0 38	10 52	1 30	1 41	1 10	16 24	1 58	21 46	0 9	9 23	1 57	32 55	14 30	19 1	19 0	20 31		n.a.
S 9	17 57	26 54	3 4	23 54	0 42	2 1	0 43	11 3	1 29	1 36	1 10	16 22	1 58	21 46	0 9	9 23	1 57	32 55	14 30	19 1	19 1	20 33		n.a.
M10	17 40	24 56	1 57	23 55	0 51	1 30	0 47	11 14	1 29	1 32	1 9	16 19	1 58	21 46	0 9	9 23	1 57	32 55	14 30	19 1	19 2	20 35		n.a.
T 11	17 23	21 30	0 43	23 55	0 59	0 59	0 52	11 25	1 28	1 27	1 9	16 17	1 58	21 46	0 9	9 23	1 57	32 54	14 30	19 1	19 3	20 37		n.a.
W12	17 6	16 57	0n32	23 54	1 7	0 27	0 56	11 36	1 28	1 22	1 9	16 14	1 58	21 46	0 9	9 23	1 57	32 54	14 30	19 1	19 4	20 39		n.a.
T 13	16 49	11 40	1 44	23 52	1 14	0n 4	1 1	11 46	1 27	1 17	1 9	16 12	1 58	21 46	0 9	9 23	1 57	32 53	14 30	19 1	19 4	20 41		n.a.
F 14	16 31	6 0	2 48	23 48	1 21	0 35	1 5	11 57	1 26	1 12	1 9	16 9	1 58	21 46	0 9	9 22	1 57	32 53	14 30	19 1	19 5	20 43		n.a.
S 15	16 13	0 12	3 43	23 43	1 28	1 6	1 10	12 7	1 26	1 7	1 8	16 7	1 58	21 46	0 9	9 22	1 57	32 53	14 31	19 1	19 6	20 46		n.a.
S 16	15 55	5n27	4 26	23 37	1 34	1 37	1 15	12 17	1 25	1 2	1 8	16 4	1 58	21 45	0 9	9 22	1 57	32 52	14 31	19 2	19 7	20 48		n.a.
M17	15 37	10 48	4 56	23 29	1 40	2 8	1 19	12 27	1 25	0 57	1 8	16 2	1 58	21 45	0 9	9 22	1 58	32 52	14 31	19 2	19 8	20 50		n.a.
T 18	15 18	15 41	5 13	23 19	1 46	2 39	1 24	12 37	1 24	0 51	1 8	15 59	1 58	21 45	0 9	9 22	1 58	32 52	14 31	19 3	19 8	20 52		n.a.
W19	14 59	19 54	5 15	23 8	1 51	3 9	1 29	12 47	1 23	0 46	1 8	15 57	1 58	21 45	0 9	9 22	1 58	32 51	14 31	19 3	19 9	20 54		n.a.
T 20	14 40	23 20	5 5	22 56	1 55	3 40	1 33	12 57	1 22	0 41	1 8	15 54	1 58	21 45	0 9	9 22	1 58	32 51	14 31	19 3	19 10	20 56		n.a.
F 21	14 21	25 47	4 41	22 42	1 59	4 10	1 38	13 7	1 22	0 36	1 7	15 52	1 58	21 45	0 9	9 21	1 58	32 51	14 31	19 3	19 11	20 58		n.a.
S 22	14 1	27 5	4 5	22 26	2 3	4 41	1 43	13 17	1 21	0 31	1 7	15 49	1 58	21 45	0 9	9 21	1 58	32 50	14 31	19 3	19 12	21 0		n.a.
S 23	13 42	27 6	3 17	22 8	2 6	5 11	1 47	13 26	1 20	0 25	1 7	15 47	1 58	21 45	0 9	9 21	1 58	32 50	14 31	19 2	19 12	21 2		n.a.
M24	13 22	25 45	2 19	21 49	2 9	5 41	1 52	13 36	1 19	0 20	1 7	15 44	1 58	21 45	0 9	9 21	1 58	32 50	14 31	19 2	19 13	21 4		n.a.
T 25	13 1	23 2	1 13	21 28	2 11	6 11	1 57	13 45	1 18	0 15	1 7	15 42	1 58	21 45	0 9	9 20	1 58	32 49	14 32	19 1	19 14	21 6		n.a.
W26	12 41	19 5	0 1	21 6	2 13	6 40	2 2	13 54	1 18	0 10	1 6	15 39	1 59	21 45	0 9	9 20	1 58	32 49	14 32	19 1	19 15	21 7		n.a.
T 27	12 20	14 3	1s13	20 42	2 14	7 10	2 6	14 4	1 17	0 4	1 6	15 36	1 59	21 45	0 9	9 20	1 58	32 49	14 32	19 1	19 15	21 9		n.a.
F 28	12s 0	8n13	2s24	20s16	2s15	7n39	2n11	14s13	1n16	0n 1	1s 6	15s34	1s59	21n45	0n 9	9s20	1n58	32s49	14s32	19s 2	19s16	21n11		n.a.

Julian Day Number = 1299225.5, Delta T = 07h51m56s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'51, Lahiri = -19°54'50 Julian Calendar 1 Feb. 1156 BCE == Greg. Calendar 21 Jan. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

MARCH 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 52 2	0♓ 1'35	17♍26	11♒26	15♈ 7	11♏32	2♈45	24♒14	5♊44	28°R37	7♒ 3	6°R 9	5♒11	14♉16	n.a.	S 1
S 2	9 55 58	1° 0'19	1♎44	13° 8	16°10	11°57	2°58	24°22	5°44	28♎37	7° 4	6♒ 6	5° 8	14°23	n.a.	S 2
M 3	9 59 55	1°59'01	16° 9	14°51	17°12	12°23	3°11	24°29	5°45	28°36	7° 6	6° 2	5° 5	14°30	n.a.	M 3
T 4	10 3 51	2°57'41	0♏36	16°36	18°13	12°47	3°24	24°37	5°45	28°35	7° 7	5°59	5° 2	14°37	n.a.	T 4
W 5	10 7 48	3°56'19	15° 0	18°23	19°14	13°12	3°37	24°44	5°46	28°35	7° 8	5°57	4°58	14°43	n.a.	W 5
T 6	10 11 44	4°54'55	29°17	20°11	20°15	13°36	3°51	24°52	5°46	28°34	7°10	5°D55	4°55	14°50	n.a.	T 6
F 7	10 15 41	5°53'30	13♐24	22° 0	21°16	14° 0	4° 4	24°59	5°47	28°33	7°11	5°55	4°52	14°57	n.a.	F 7
S 8	10 19 38	6°52'03	27°20	23°51	22°16	14°24	4°17	25° 7	5°48	28°32	7°13	5°56	4°49	15° 3	n.a.	S 8
S 9	10 23 34	7°50'34	11♑ 4	25°44	23°15	14°47	4°30	25°15	5°49	28°31	7°14	5°58	4°46	15°10	n.a.	S 9
M10	10 27 31	8°49'04	24°36	27°38	24°15	15°10	4°44	25°22	5°49	28°31	7°15	5°59	4°43	15°17	n.a.	M10
T 11	10 31 27	9°47'31	7♒57	29°34	25°14	15°32	4°57	25°30	5°50	28°30	7°17	6°R 0	4°39	15°24	n.a.	T 11
W12	10 35 24	10°45'57	21° 5	1♓31	26°12	15°54	5°10	25°37	5°51	28°29	7°18	5°59	4°36	15°30	n.a.	W12
T 13	10 39 20	11°44'21	4♓ 0	3°30	27°10	16°16	5°24	25°45	5°52	28°28	7°20	5°56	4°33	15°37	n.a.	T 13
F 14	10 43 17	12°42'43	16°44	5°31	28° 8	16°38	5°37	25°52	5°53	28°27	7°21	5°51	4°30	15°44	n.a.	F 14
S 15	10 47 13	13°41'02	29°15	7°32	29° 5	16°59	5°51	25°59	5°54	28°26	7°22	5°45	4°27	15°50	n.a.	S 15
S 16	10 51 10	14°39'20	11♈35	9°35	0♉ 1	17°19	6° 5	26° 7	5°55	28°25	7°23	5°39	4°23	15°57	n.a.	S 16
M17	10 55 6	15°37'36	23°43	11°40	0°57	17°40	6°18	26°14	5°57	28°24	7°25	5°31	4°20	16° 4	n.a.	M17
T 18	10 59 3	16°35'49	5♉43	13°45	1°53	18° 0	6°32	26°22	5°58	28°23	7°26	5°25	4°17	16°11	n.a.	T 18
W19	11 3 0	17°34'01	17°38	15°52	2°48	18°19	6°45	26°29	5°59	28°21	7°27	5°19	4°14	16°17	n.a.	W19
T 20	11 6 56	18°32'10	29°29	17°59	3°42	18°38	6°59	26°36	6° 0	28°20	7°29	5°15	4°11	16°24	n.a.	T 20
F 21	11 10 53	19°30'18	11♊23	20° 8	4°36	18°57	7°13	26°44	6° 2	28°19	7°30	5°13	4° 8	16°31	n.a.	F 21
S 22	11 14 49	20°28'23	23°23	22°16	5°29	19°15	7°27	26°51	6° 3	28°18	7°31	5°D13	4° 4	16°38	n.a.	S 22
S 23	11 18 46	21°26'26	5♋34	24°25	6°22	19°32	7°40	26°58	6° 5	28°17	7°32	5°14	4° 1	16°44	n.a.	S 23
M24	11 22 42	22°24'28	18° 2	26°34	7°14	19°50	7°54	27° 5	6° 6	28°16	7°33	5°15	3°58	16°51	n.a.	M24
T 25	11 26 39	23°22'27	0♌50	28°43	8° 5	20° 6	8° 8	27°12	6° 8	28°14	7°35	5°R16	3°55	16°58	n.a.	T 25
W26	11 30 35	24°20'24	14° 3	0♈51	8°55	20°23	8°22	27°19	6°10	28°13	7°36	5°16	3°52	17° 4	n.a.	W26
T 27	11 34 32	25°18'19	27°41	2°59	9°45	20°38	8°36	27°27	6°11	28°12	7°37	5°14	3°49	17°11	n.a.	T 27
F 28	11 38 29	26°16'12	11♍45	5° 5	10°34	20°54	8°50	27°34	6°13	28°11	7°38	5° 9	3°45	17°18	n.a.	F 28
S 29	11 42 25	27°14'04	26°12	7°10	11°22	21° 8	9° 3	27°41	6°15	28° 9	7°39	5° 3	3°42	17°25	n.a.	S 29
S 30	11 46 22	28°11'54	10♎56	9°13	12°10	21°22	9°17	27°48	6°16	28° 8	7°40	4°55	3°39	17°31	n.a.	S 30
M31	11 50 18	29♓ 9'42	25♎48	11♈15	12♉56	21♏36	9♈31	27♒55	6♊18	28♎ 7	7♒41	4♒47	3♒36	17♉38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s39	1n52	3s27	19s48	2s15	8n 8	2n16	14s22	1n15	0n 6	1s 6	15s31	1s59	21n46	0n 9	9s19	1n58	32s48	14s32	19s 3	19s17	21n13		n.a.
S 2	11 18	4s39	4 19	19 18	2 15	8 37	2 20	14 30	1 14	0 12	1 6	15 29	1 59	21 46	0 9	9 19	1 58	32 48	14 32	19 3	19 18	21 15		n.a.
M 3	10 57	10 58	4 55	18 47	2 15	9 5	2 25	14 39	1 13	0 17	1 6	15 26	1 59	21 46	0 9	9 19	1 58	32 48	14 32	19 4	19 19	21 17		n.a.
T 4	10 35	16 43	5 12	18 14	2 13	9 33	2 30	14 48	1 12	0 23	1 6	15 24	1 59	21 46	0 9	9 19	1 58	32 48	14 33	19 5	19 19	21 19		n.a.
W 5	10 14	21 31	5 9	17 39	2 12	10 1	2 34	14 56	1 11	0 28	1 5	15 21	1 59	21 46	0 9	9 18	1 58	32 47	14 33	19 6	19 20	21 21		n.a.
T 6	9 52	25 0	4 48	17 2	2 9	10 29	2 39	15 5	1 9	0 33	1 5	15 19	1 59	21 46	0 9	9 18	1 58	32 47	14 33	19 6	19 21	21 23		n.a.
F 7	9 30	26 54	4 9	16 24	2 7	10 57	2 44	15 13	1 8	0 39	1 5	15 16	1 59	21 46	0 9	9 18	1 59	32 47	14 33	19 6	19 22	21 25		n.a.
S 8	9 8	27 4	3 16	15 43	2 3	11 24	2 48	15 21	1 7	0 44	1 5	15 14	1 59	21 46	0 9	9 17	1 59	32 47	14 33	19 6	19 23	21 27		n.a.
S 9	8 46	25 33	2 12	15 1	1 59	11 51	2 53	15 29	1 6	0 50	1 5	15 11	1 59	21 46	0 9	9 17	1 59	32 46	14 34	19 5	19 23	21 29		n.a.
M10	8 24	22 34	1 2	14 17	1 55	12 17	2 57	15 37	1 5	0 55	1 5	15 9	1 59	21 47	0 9	9 17	1 59	32 46	14 34	19 5	19 24	21 31		n.a.
T 11	8 1	18 25	0n11	13 32	1 50	12 43	3 1	15 45	1 3	1 1	1 5	15 6	1 59	21 47	0 9	9 16	1 59	32 46	14 34	19 5	19 25	21 32		n.a.
W12	7 39	13 25	1 21	12 44	1 45	13 9	3 6	15 53	1 2	1 6	1 4	15 4	2 0	21 47	0 9	9 16	1 59	32 46	14 34	19 5	19 26	21 34		n.a.
T 13	7 16	7 56	2 27	11 55	1 39	13 35	3 10	16 1	1 1	1 12	1 4	15 1	2 0	21 47	0 9	9 15	1 59	32 46	14 34	19 6	19 26	21 36		n.a.
F 14	6 54	2 12	3 23	11 4	1 32	14 0	3 14	16 8	0 59	1 17	1 4	14 59	2 0	21 47	0 9	9 15	1 59	32 46	14 35	19 7	19 27	21 38		n.a.
S 15	6 31	3n30	4 9	10 12	1 25	14 25	3 19	16 16	0 58	1 23	1 4	14 56	2 0	21 47	0 9	9 15	1 59	32 45	14 35	19 9	19 28	21 40		n.a.
S 16	6 8	8 58	4 43	9 18	1 17	14 49	3 23	16 23	0 56	1 29	1 4	14 54	2 0	21 48	0 9	9 14	1 59	32 45	14 35	19 10	19 29	21 42		n.a.
M17	5 45	14 1	5 3	8 22	1 9	15 13	3 27	16 30	0 55	1 34	1 4	14 51	2 0	21 48	0 9	9 14	1 59	32 45	14 35	19 12	19 29	21 44		n.a.
T 18	5 22	18 29	5 9	7 25	1 1	15 37	3 31	16 37	0 53	1 40	1 4	14 49	2 0	21 48	0 9	9 13	1 59	32 45	14 35	19 14	19 30	21 46		n.a.
W19	4 59	22 11	5 2	6 27	0 52	16 0	3 35	16 44	0 52	1 45	1 4	14 46	2 0	21 48	0 9	9 13	1 59	32 45	14 36	19 15	19 31	21 47		n.a.
T 20	4 36	24 57	4 42	5 28	0 42	16 22	3 39	16 51	0 50	1 51	1 3	14 44	2 0	21 49	0 9	9 12	1 59	32 45	14 36	19 16	19 32	21 49		n.a.
F 21	4 13	26 38	4 10	4 28	0 33	16 45	3 42	16 58	0 48	1 57	1 3	14 41	2 0	21 49	0 9	9 12	1 59	32 45	14 36	19 17	19 33	21 51		n.a.
S 22	3 50	27 6	3 27	3 27	0 22	17 6	3 46	17 5	0 46	2 2	1 3	14 39	2 1	21 49	0 9	9 12	1 59	32 44	14 36	19 17	19 33	21 53		n.a.
S 23	3 27	26 16	2 33	2 26	0 12	17 28	3 50	17 11	0 45	2 8	1 3	14 37	2 1	21 49	0 9	9 11	1 59	32 44	14 37	19 16	19 34	21 55		n.a.
M24	3 4	24 7	1 32	1 24	0 1	17 49	3 53	17 18	0 43	2 13	1 3	14 34	2 1	21 50	0 9	9 11	1 59	32 44	14 37	19 16	19 35	21 56		n.a.
T 25	2 40	20 41	0 24	0 23	0n 9	18 9	3 57	17 24	0 41	2 19	1 3	14 32	2 1	21 50	0 9	9 10	1 59	32 44	14 37	19 16	19 36	21 58		n.a.
W26	2 17	16 8	0s47	0n39	0 20	18 29	4 0	17 30	0 39	2 25	1 3	14 29	2 1	21 50	0 9	9 10	1 59	32 44	14 37	19 16	19 36	22 0		n.a.
T 27	1 54	10 38	1 58	1 41	0 31	18 48	4 3	17 37	0 37	2 30	1 3	14 27	2 1	21 50	0 9	9 9	1 59	32 44	14 38	19 16	19 37	22 2		n.a.
F 28	1 30	4 27	3 3	2 41	0 42	19 7	4 6	17 43	0 35	2 36	1 3	14 25	2 1	21 51	0 9	9 9	1 59	32 44	14 38	19 17	19 38	22 4		n.a.
S 29	1 7	2s 6	3 59	3 41	0 52	19 26	4 9	17 49	0 33	2 42	1 2	14 22	2 2	21 51	0 9	9 8	1 59	32 44	14 38	19 19	19 39	22 5		n.a.
S 30	0 44	8 40	4 39	4 40	1 3	19 43	4 12	17 55	0 31	2 47	1 2	14 20	2 2	21 51	0 9	9 8	1 59	32 44	14 39	19 21	19 39	22 7		n.a.
M31	0s20	14s48	5s 2	5n38	1n13	20n 1	4n15	18s 0	0n29	2n53	1s 2	14s18	2s 2	21n52	0n 9	9s 7	1n59	32s44	14s39	19s23	19s40	22n 9		n.a.

Julian Day Number = 1299253.5, Delta T = 07h51m54s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'47, Lahiri = -19°54'47 Julian Calendar 1 March 1156 BCE == Greg. Calendar 18 Feb. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

APRIL 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 54 15	0♈ 7'29	10♏40	13♈14	13♉42	21♏49	9♈45	28♒ 1	6♊20	28°R 5	7♒42	4°R40	3♒33	17♉45	n.a.	T 1
W 2	11 58 11	1° 5'14	25°25	15°10	14°27	22° 2	9°59	28° 8	6°22	28♎ 4	7°43	4♒33	3°29	17°51	n.a.	W 2
T 3	12 2 8	2° 2'58	9♐55	17° 4	15°10	22°14	10°13	28°15	6°24	28° 2	7°44	4°29	3°26	17°58	n.a.	T 3
F 4	12 6 4	3° 0'41	24° 8	18°56	15°53	22°25	10°27	28°22	6°26	28° 1	7°45	4°27	3°23	18° 5	n.a.	F 4
S 5	12 10 1	3°58'23	8♑ 0	20°44	16°35	22°36	10°41	28°29	6°28	28° 0	7°46	4°D27	3°20	18°12	n.a.	S 5
S 6	12 13 58	4°56'04	21°34	22°29	17°16	22°46	10°55	28°35	6°30	27°58	7°47	4°28	3°17	18°18	n.a.	S 6
M 7	12 17 54	5°53'43	4♒51	24°11	17°56	22°56	11° 9	28°42	6°33	27°57	7°48	4°R28	3°14	18°25	n.a.	M 7
T 8	12 21 51	6°51'21	17°52	25°50	18°34	23° 5	11°23	28°49	6°35	27°55	7°49	4°27	3°10	18°32	n.a.	T 8
W 9	12 25 47	7°48'58	0♓40	27°26	19°12	23°13	11°37	28°55	6°37	27°54	7°50	4°24	3° 7	18°38	n.a.	W 9
T 10	12 29 44	8°46'34	13°17	28°58	19°48	23°20	11°51	29° 2	6°39	27°52	7°51	4°19	3° 4	18°45	n.a.	T 10
F 11	12 33 40	9°44'08	25°43	0♉27	20°23	23°27	12° 5	29° 8	6°42	27°51	7°52	4°10	3° 1	18°52	n.a.	F 11
S 12	12 37 37	10°41'41	8♈ 1	1°52	20°57	23°33	12°19	29°15	6°44	27°49	7°53	4° 0	2°58	18°59	n.a.	S 12
S 13	12 41 33	11°39'13	20°10	3°14	21°29	23°39	12°33	29°21	6°46	27°48	7°54	3°48	2°54	19° 5	n.a.	S 13
M14	12 45 30	12°36'44	2♉12	4°32	22° 0	23°44	12°47	29°27	6°49	27°46	7°54	3°36	2°51	19°12	n.a.	M14
T 15	12 49 26	13°34'13	14° 8	5°47	22°30	23°48	13° 1	29°34	6°51	27°45	7°55	3°24	2°48	19°19	n.a.	T 15
W16	12 53 23	14°31'41	25°59	6°58	22°58	23°51	13°15	29°40	6°54	27°43	7°56	3°13	2°45	19°25	n.a.	W16
T 17	12 57 20	15°29'07	7♊50	8° 5	23°24	23°54	13°29	29°46	6°56	27°41	7°57	3° 5	2°42	19°32	n.a.	T 17
F 18	13 1 16	16°26'32	19°42	9° 8	23°49	23°56	13°43	29°52	6°59	27°40	7°57	3° 0	2°39	19°39	n.a.	F 18
S 19	13 5 13	17°23'56	1♋40	10° 8	24°12	23°57	13°57	29°58	7° 2	27°38	7°58	2°57	2°35	19°46	n.a.	S 19
S 20	13 9 9	18°21'19	13°49	11° 3	24°33	23°R57	14°11	0♓ 4	7° 4	27°37	7°59	2°D56	2°32	19°52	n.a.	S 20
M21	13 13 6	19°18'40	26°14	11°55	24°52	23°57	14°25	0°10	7° 7	27°35	8° 0	2°R56	2°29	19°59	n.a.	M21
T 22	13 17 2	20°16'00	8♌59	12°43	25°10	23°56	14°39	0°16	7°10	27°33	8° 0	2°56	2°26	20° 6	n.a.	T 22
W23	13 20 59	21°13'18	22° 9	13°26	25°26	23°54	14°53	0°21	7°12	27°32	8° 1	2°55	2°23	20°13	n.a.	W23
T 24	13 24 55	22°10'35	5♍48	14° 5	25°39	23°52	15° 7	0°27	7°15	27°30	8° 1	2°51	2°20	20°19	n.a.	T 24
F 25	13 28 52	23° 7'51	19°57	14°40	25°51	23°49	15°21	0°33	7°18	27°29	8° 2	2°46	2°16	20°26	n.a.	F 25
S 26	13 32 49	24° 5'06	4♎32	15°11	26° 0	23°45	15°35	0°38	7°21	27°27	8° 3	2°38	2°13	20°33	n.a.	S 26
S 27	13 36 45	25° 2'20	19°30	15°37	26° 8	23°40	15°49	0°44	7°24	27°25	8° 3	2°28	2°10	20°39	n.a.	S 27
M28	13 40 42	25°59'33	4♏40	15°58	26°13	23°35	16° 3	0°49	7°27	27°24	8° 4	2°17	2° 7	20°46	n.a.	M28
T 29	13 44 38	26°56'46	19°53	16°15	26°15	23°28	16°17	0°55	7°30	27°22	8° 4	2° 7	2° 4	20°53	n.a.	T 29
W30	13 48 35	27♈53'57	4♐57	16♉28	26°R16	23♏22	16♈31	1♓ 0	7♊33	27♎21	8♒ 5	1♒58	2♒ 0	21♉ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 3	20s 4	5s 4	6n34	1n23	20n17	4n17	18s 6	0n26	2n59	1s 2	14s15	2s 2	21n52	0n 9	9s 7	2n 0	32s44	14s39	19s25	19s41	22n11		n.a.
W 2	0 26	24 3	4 46	7 29	1 32	20 33	4 20	18 11	0 24	3 4	1 2	14 13	2 2	21 52	0 9	9 6	2 0	32 44	14 39	19 26	19 42	22 12		n.a.
T 3	0 50	26 25	4 9	8 21	1 41	20 49	4 22	18 17	0 22	3 10	1 2	14 11	2 2	21 53	0 9	9 6	2 0	32 44	14 40	19 27	19 42	22 14		n.a.
F 4	1 13	27 0	3 18	9 12	1 49	21 4	4 24	18 22	0 19	3 15	1 2	14 9	2 2	21 53	0 9	9 5	2 0	32 44	14 40	19 28	19 43	22 16		n.a.
S 5	1 36	25 51	2 16	10 1	1 57	21 18	4 26	18 27	0 17	3 21	1 2	14 6	2 3	21 53	0 9	9 4	2 0	32 44	14 40	19 28	19 44	22 18		n.a.
S 6	2 0	23 12	1 8	10 48	2 4	21 32	4 28	18 32	0 14	3 27	1 2	14 4	2 3	21 54	0 9	9 4	2 0	32 44	14 41	19 28	19 45	22 19		n.a.
M 7	2 23	19 20	0n 2	11 32	2 10	21 45	4 29	18 37	0 12	3 32	1 2	14 2	2 3	21 54	0 9	9 3	2 0	32 44	14 41	19 28	19 45	22 21		n.a.
T 8	2 46	14 36	1 11	12 15	2 16	21 58	4 31	18 42	0 9	3 38	1 2	14 0	2 3	21 55	0 9	9 3	2 0	32 44	14 41	19 28	19 46	22 23		n.a.
W 9	3 9	9 19	2 15	12 55	2 21	22 10	4 32	18 47	0 6	3 44	1 2	13 58	2 3	21 55	0 9	9 2	2 0	32 44	14 42	19 29	19 47	22 25		n.a.
T 10	3 32	3 45	3 11	13 32	2 25	22 21	4 33	18 52	0 3	3 49	1 1	13 55	2 3	21 55	0 9	9 2	2 0	32 44	14 42	19 30	19 48	22 26		n.a.
F 11	3 55	1n53	3 57	14 8	2 28	22 31	4 34	18 56	0 1	3 55	1 1	13 53	2 4	21 56	0 9	9 1	2 0	32 44	14 42	19 32	19 48	22 28		n.a.
S 12	4 18	7 22	4 32	14 40	2 31	22 41	4 34	19 0	0s 2	4 1	1 1	13 51	2 4	21 56	0 9	9 1	2 0	32 44	14 43	19 34	19 49	22 30		n.a.
S 13	4 41	12 31	4 53	15 11	2 33	22 50	4 34	19 5	0 5	4 6	1 1	13 49	2 4	21 57	0 9	9 0	2 0	32 44	14 43	19 37	19 50	22 31		n.a.
M14	5 4	17 8	5 1	15 39	2 34	22 59	4 35	19 9	0 8	4 12	1 1	13 47	2 4	21 57	0 9	8 59	2 0	32 44	14 43	19 40	19 51	22 33		n.a.
T 15	5 26	21 2	4 56	16 5	2 34	23 6	4 34	19 13	0 11	4 17	1 1	13 45	2 4	21 57	0 9	8 59	2 0	32 44	14 44	19 43	19 51	22 35		n.a.
W16	5 49	24 4	4 38	16 28	2 33	23 13	4 34	19 17	0 15	4 23	1 1	13 43	2 4	21 58	0 9	8 58	2 0	32 44	14 44	19 45	19 52	22 36		n.a.
T 17	6 12	26 4	4 9	16 49	2 32	23 20	4 33	19 21	0 18	4 29	1 1	13 41	2 5	21 58	0 9	8 58	2 0	32 45	14 44	19 47	19 53	22 38		n.a.
F 18	6 34	26 53	3 28	17 8	2 30	23 25	4 32	19 24	0 21	4 34	1 1	13 39	2 5	21 59	0 9	8 57	2 0	32 45	14 45	19 49	19 54	22 40		n.a.
S 19	6 56	26 27	2 38	17 24	2 26	23 30	4 31	19 28	0 24	4 40	1 1	13 37	2 5	21 59	0 9	8 57	2 0	32 45	14 45	19 49	19 54	22 41		n.a.
S 20	7 19	24 45	1 39	17 38	2 22	23 34	4 29	19 31	0 28	4 45	1 1	13 35	2 5	22 0	0 9	8 56	2 0	32 45	14 45	19 50	19 55	22 43		n.a.
M21	7 41	21 50	0 35	17 50	2 17	23 37	4 27	19 35	0 31	4 51	1 1	13 33	2 5	22 0	0 9	8 55	2 0	32 45	14 46	19 50	19 56	22 45		n.a.
T 22	8 3	17 48	0s32	17 59	2 11	23 39	4 25	19 38	0 35	4 56	1 1	13 31	2 6	22 1	0 9	8 55	2 0	32 45	14 46	19 50	19 56	22 46		n.a.
W23	8 25	12 47	1 40	18 6	2 4	23 40	4 22	19 41	0 39	5 2	1 1	13 29	2 6	22 1	0 9	8 54	2 0	32 45	14 46	19 50	19 57	22 48		n.a.
T 24	8 46	6 59	2 44	18 11	1 57	23 40	4 19	19 44	0 42	5 7	1 1	13 27	2 6	22 2	0 9	8 54	2 0	32 46	14 47	19 51	19 58	22 49		n.a.
F 25	9 8	0 40	3 41	18 13	1 48	23 40	4 15	19 46	0 46	5 13	1 1	13 25	2 6	22 2	0 9	8 53	2 0	32 46	14 47	19 52	19 59	22 51		n.a.
S 26	9 29	5s53	4 26	18 13	1 38	23 38	4 12	19 49	0 50	5 18	1 1	13 24	2 6	22 3	0 9	8 52	2 0	32 46	14 47	19 54	19 59	22 53		n.a.
S 27	9 51	12 15	4 53	18 11	1 28	23 36	4 7	19 52	0 53	5 24	1 0	13 22	2 7	22 3	0 9	8 52	2 0	32 46	14 48	19 56	20 0	22 54		n.a.
M28	10 12	17 59	5 0	18 7	1 17	23 33	4 3	19 54	0 57	5 29	1 0	13 20	2 7	22 4	0 9	8 51	2 0	32 46	14 48	19 59	20 1	22 56		n.a.
T 29	10 33	22 35	4 46	18 0	1 5	23 28	3 57	19 56	1 1	5 35	1 0	13 18	2 7	22 4	0 9	8 51	2 0	32 47	14 48	20 1	20 2	22 57		n.a.
W30	10n54	25s37	4s13	17n52	0n52	23n23	3n52	19s58	1s 5	5n40	1s 0	13s16	2s 7	22n 5	0n 9	8s50	2n 0	32s47	14s49	20s 3	20s 2	22n59		n.a.

Julian Day Number = 1299284.5, Delta T = 07h51m53s
Ecliptic obliquity = 23°50'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'43, Lahiri = -19°54'42 Julian Calendar 1 Apr. 1156 BCE == Greg. Calendar 21 March 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

MAY 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 31	28♈51'09	19♐44	16♉35	26°R14	23°R14	16♈45	1♓ 5	7♊36	27°R19	8♒ 5	1°R52	1♒57	21♉ 6	n.a.	T 1
F 2	13 56 28	29°48'19	4♑ 9	16°R39	26♉10	23♏ 6	16°58	1°11	7°39	27♎17	8° 5	1♒48	1°54	21°13	n.a.	F 2
S 3	14 0 25	0♉45'30	18° 8	16°37	26° 3	22°56	17°12	1°16	7°42	27°16	8° 6	1°47	1°51	21°20	n.a.	S 3
S 4	14 4 21	1°42'40	1♒42	16°32	25°54	22°47	17°26	1°21	7°45	27°14	8° 6	1°47	1°48	21°26	n.a.	S 4
M 5	14 8 18	2°39'49	14°54	16°22	25°43	22°36	17°40	1°26	7°48	27°12	8° 7	1°47	1°45	21°33	n.a.	M 5
T 6	14 12 14	3°36'58	27°47	16° 8	25°29	22°25	17°54	1°31	7°51	27°11	8° 7	1°45	1°41	21°40	n.a.	T 6
W 7	14 16 11	4°34'07	10♓23	15°50	25°13	22°13	18° 7	1°36	7°54	27° 9	8° 7	1°42	1°38	21°47	n.a.	W 7
T 8	14 20 7	5°31'16	22°46	15°28	24°55	22° 1	18°21	1°40	7°58	27° 8	8° 7	1°35	1°35	21°53	n.a.	T 8
F 9	14 24 4	6°28'24	5♈ 0	15° 3	24°34	21°48	18°35	1°45	8° 1	27° 6	8° 8	1°26	1°32	22° 0	n.a.	F 9
S 10	14 28 0	7°25'32	17° 6	14°36	24°11	21°35	18°48	1°50	8° 4	27° 4	8° 8	1°15	1°29	22° 7	n.a.	S 10
S 11	14 31 57	8°22'39	29° 6	14° 6	23°46	21°20	19° 2	1°54	8° 7	27° 3	8° 8	1° 2	1°26	22°13	n.a.	S 11
M12	14 35 54	9°19'47	11♉ 2	13°34	23°19	21° 6	19°15	1°59	8°11	27° 1	8° 8	0°48	1°22	22°20	n.a.	M12
T 13	14 39 50	10°16'54	22°54	13° 0	22°51	20°51	19°29	2° 3	8°14	27° 0	8° 9	0°35	1°19	22°27	n.a.	T 13
W14	14 43 47	11°14'00	4♊45	12°26	22°20	20°35	19°42	2° 7	8°17	26°58	8° 9	0°23	1°16	22°34	n.a.	W14
T 15	14 47 43	12°11'07	16°35	11°51	21°48	20°19	19°56	2°11	8°21	26°57	8° 9	0°14	1°13	22°40	n.a.	T 15
F 16	14 51 40	13° 8'12	28°29	11°17	21°14	20° 3	20° 9	2°16	8°24	26°55	8° 9	0° 8	1°10	22°47	n.a.	F 16
S 17	14 55 36	14° 5'18	10♋28	10°43	20°40	19°46	20°23	2°20	8°28	26°54	8° 9	0° 4	1° 6	22°54	n.a.	S 17
S 18	14 59 33	15° 2'23	22°38	10°12	20° 4	19°30	20°36	2°24	8°31	26°52	8° 9	0° 2	1° 3	23° 0	n.a.	S 18
M19	15 3 29	15°59'28	5♌ 1	9°42	19°27	19°13	20°49	2°27	8°34	26°51	8° 9	0°D 2	1° 0	23° 7	n.a.	M19
T 20	15 7 26	16°56'32	17°44	9°14	18°50	18°55	21° 3	2°31	8°38	26°49	8°R 9	0°R 2	0°57	23°14	n.a.	T 20
W21	15 11 23	17°53'36	0♍50	8°50	18°13	18°38	21°16	2°35	8°41	26°48	8° 9	0° 2	0°54	23°21	n.a.	W21
T 22	15 15 19	18°50'39	14°24	8°29	17°35	18°20	21°29	2°39	8°45	26°46	8° 9	29♑59	0°51	23°27	n.a.	T 22
F 23	15 19 16	19°47'42	28°27	8°12	16°58	18° 3	21°42	2°42	8°48	26°45	8° 9	29°55	0°47	23°34	n.a.	F 23
S 24	15 23 12	20°44'45	12♎58	7°59	16°21	17°45	21°55	2°45	8°52	26°43	8° 9	29°48	0°44	23°41	n.a.	S 24
S 25	15 27 9	21°41'48	27°55	7°51	15°45	17°28	22° 8	2°49	8°55	26°42	8° 9	29°39	0°41	23°47	n.a.	S 25
M26	15 31 5	22°38'50	13♏ 8	7°D47	15° 9	17°10	22°21	2°52	8°59	26°40	8° 9	29°30	0°38	23°54	n.a.	M26
T 27	15 35 2	23°35'53	28°27	7°48	14°35	16°53	22°34	2°55	9° 2	26°39	8° 8	29°21	0°35	24° 1	n.a.	T 27
W28	15 38 59	24°32'57	13♐41	7°54	14° 1	16°36	22°47	2°58	9° 6	26°37	8° 8	29°13	0°32	24° 8	n.a.	W28
T 29	15 42 55	25°30'00	28°40	8° 5	13°30	16°19	23° 0	3° 1	9°10	26°36	8° 8	29° 7	0°28	24°14	n.a.	T 29
F 30	15 46 52	26°27'04	13♑17	8°21	13° 0	16° 2	23°13	3° 4	9°13	26°35	8° 8	29° 4	0°25	24°21	n.a.	F 30
S 31	15 50 48	27♉24'08	27♑26	8♉42	12♉32	15♏46	23♈25	3♓ 7	9♊17	26♎33	8♒ 8	29°D 3	0♒22	24♉28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n15	26s48	3s22	17n41	0n38	23n17	3n46	20s 0	1s 9	5n46	1s 0	13s15	2s 8	22n 5	0n 9	8s50	2n 0	32s47	14s49	20s 4	20s 3	23n 1		n.a.	
F 2	11 35	26 6	2 20	17 28	0 24	23 9	3 39	20 2	1 13	5 51	1 0	13 13	2 8	22 6	0 9	8 49	2 0	32 47	14 50	20 5	20 4	23 2		n.a.	
S 3	11 56	23 46	1 11	17 13	0 9	23 1	3 32	20 4	1 17	5 56	1 0	13 11	2 8	22 6	0 9	8 48	2 0	32 47	14 50	20 5	20 4	23 4		n.a.	
S 4	12 16	20 7	0 0	16 57	0s 6	22 51	3 25	20 5	1 22	6 2	1 0	13 10	2 8	22 7	0 9	8 48	2 0	32 48	14 50	20 5	20 5	23 5		n.a.	
M 5	12 36	15 32	1n 9	16 39	0 22	22 41	3 16	20 6	1 26	6 7	1 0	13 8	2 8	22 7	0 9	8 47	2 0	32 48	14 51	20 5	20 6	23 7		n.a.	
T 6	12 56	10 22	2 13	16 19	0 39	22 29	3 8	20 7	1 30	6 12	1 0	13 7	2 9	22 8	0 9	8 47	2 0	32 48	14 51	20 6	20 7	23 8		n.a.	
W 7	13 15	4 54	3 9	15 58	0 55	22 16	2 59	20 8	1 34	6 18	1 0	13 5	2 9	22 8	0 9	8 46	2 0	32 48	14 51	20 7	20 7	23 10		n.a.	
T 8	13 35	0n40	3 55	15 36	1 12	22 2	2 49	20 9	1 38	6 23	1 0	13 4	2 9	22 9	0 9	8 45	2 0	32 49	14 52	20 8	20 8	23 11		n.a.	
F 9	13 54	6 7	4 29	15 12	1 29	21 47	2 39	20 10	1 43	6 28	1 0	13 2	2 9	22 9	0 9	8 45	2 0	32 49	14 52	20 10	20 9	23 13		n.a.	
S 10	14 13	11 17	4 51	14 48	1 46	21 31	2 29	20 10	1 47	6 34	1 0	13 1	2 10	22 10	0 9	8 44	2 0	32 49	14 53	20 13	20 10	23 14		n.a.	
S 11	14 32	15 59	5 0	14 24	2 2	21 14	2 18	20 11	1 51	6 39	1 0	12 59	2 10	22 10	0 9	8 44	2 0	32 50	14 53	20 16	20 10	23 16		n.a.	
M12	14 50	20 2	4 55	13 59	2 18	20 56	2 6	20 11	1 55	6 44	1 0	12 58	2 10	22 11	0 9	8 43	2 0	32 50	14 53	20 19	20 11	23 17		n.a.	
T 13	15 9	23 16	4 38	13 34	2 33	20 37	1 54	20 11	2 0	6 49	1 0	12 56	2 10	22 11	0 9	8 43	2 0	32 50	14 54	20 22	20 12	23 19		n.a.	
W14	15 27	25 30	4 8	13 10	2 48	20 18	1 42	20 11	2 4	6 54	1 0	12 55	2 11	22 12	0 9	8 42	2 0	32 50	14 54	20 24	20 12	23 20		n.a.	
T 15	15 45	26 36	3 28	12 46	3 1	19 57	1 29	20 11	2 8	7 0	1 0	12 54	2 11	22 12	0 9	8 42	2 0	32 51	14 54	20 26	20 13	23 22		n.a.	
F 16	16 2	26 28	2 39	12 24	3 14	19 35	1 16	20 10	2 13	7 5	1 0	12 53	2 11	22 13	0 9	8 41	2 0	32 51	14 55	20 27	20 14	23 23		n.a.	
S 17	16 20	25 6	1 42	12 2	3 25	19 13	1 3	20 10	2 17	7 10	1 0	12 51	2 11	22 14	0 9	8 41	2 0	32 51	14 55	20 28	20 14	23 25		n.a.	
S 18	16 37	22 33	0 39	11 42	3 36	18 50	0 49	20 9	2 21	7 15	1 0	12 50	2 12	22 14	0 9	8 40	2 0	32 52	14 55	20 29	20 15	23 26		n.a.	
M19	16 54	18 54	0s26	11 24	3 45	18 27	0 36	20 8	2 25	7 20	1 0	12 49	2 12	22 15	0 9	8 39	2 0	32 52	14 56	20 29	20 16	23 28		n.a.	
T 20	17 10	14 18	1 32	11 8	3 53	18 4	0 22	20 7	2 29	7 25	1 0	12 48	2 12	22 15	0 9	8 39	2 0	32 53	14 56	20 29	20 17	23 29		n.a.	
W21	17 27	8 56	2 36	10 54	3 59	17 40	0 8	20 6	2 33	7 30	1 0	12 47	2 12	22 16	0 9	8 38	2 0	32 53	14 57	20 29	20 17	23 31		n.a.	
T 22	17 43	2 59	3 33	10 43	4 4	17 16	0s 6	20 5	2 37	7 35	1 0	12 46	2 13	22 16	0 9	8 38	2 0	32 53	14 57	20 29	20 18	23 32		n.a.	
F 23	17 59	3s19	4 19	10 34	4 8	16 51	0 20	20 4	2 41	7 40	1 0	12 45	2 13	22 17	0 9	8 37	1 59	32 54	14 57	20 30	20 19	23 33		n.a.	
S 24	18 14	9 38	4 50	10 28	4 10	16 27	0 34	20 3	2 45	7 45	1 0	12 44	2 13	22 17	0 9	8 37	1 59	32 54	14 58	20 32	20 19	23 35		n.a.	
S 25	18 29	15 36	5 2	10 24	4 11	16 4	0 48	20 1	2 49	7 50	1 0	12 43	2 14	22 18	0 9	8 36	1 59	32 54	14 58	20 33	20 20	23 36		n.a.	
M26	18 44	20 42	4 54	10 24	4 10	15 40	1 1	20 0	2 53	7 55	1 0	12 42	2 14	22 19	0 9	8 36	1 59	32 55	14 58	20 36	20 21	23 38		n.a.	
T 27	18 59	24 26	4 25	10 26	4 8	15 17	1 15	19 58	2 56	8 0	1 0	12 41	2 14	22 19	0 9	8 35	1 59	32 55	14 59	20 37	20 21	23 39		n.a.	
W28	19 13	26 24	3 37	10 30	4 6	14 55	1 28	19 56	3 0	8 5	1 0	12 40	2 14	22 20	0 9	8 35	1 59	32 56	14 59	20 39	20 22	23 40		n.a.	
T 29	19 27	26 24	2 34	10 38	4 2	14 33	1 40	19 55	3 4	8 9	1 0	12 39	2 15	22 20	0 9	8 35	1 59	32 56	15 0	20 40	20 23	23 42		n.a.	
F 30	19 41	24 32	1 23	10 48	3 56	14 12	1 53	19 53	3 7	8 14	1 0	12 38	2 15	22 21	0 9	8 34	1 59	32 56	15 0	20 41	20 24	23 43		n.a.	
S 31	19n54	21s10	0s 9	11n 0	3s50	13n52	2s 5	19s51	3s10	8n19	1s 0	12s37	2s15	22n21	0n 9	8s34	1n59	32s57	15s 0	20s41	20s24	23n45		n.a.	

Julian Day Number = 1299314.5, Delta T = 07h51m51s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'39, Lahiri = -19°54'38 Julian Calendar 1 May 1156 BCE == Greg. Calendar 20 Apr. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

JUNE 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 45	28♉21'13	11♒ 7	9♉ 8	12°R 5	15°R30	23♈38	3♓10	9♊20	26°R32	8°R 7	29♑ 4	0♒19	24♉34	n.a.	S 1
M 2	15 58 41	29°18'18	24°23	9°40	11♉41	15♏14	23°50	3°12	9°24	26♎31	8♒ 7	29°R 4	0°16	24°41	n.a.	M 2
T 3	16 2 38	0♊15'25	7♓15	10°16	11°19	14°58	24° 3	3°15	9°28	26°30	8° 7	29° 4	0°12	24°48	n.a.	T 3
W 4	16 6 34	1°12'31	19°48	10°58	10°59	14°44	24°16	3°17	9°31	26°28	8° 6	29° 3	0° 9	24°55	n.a.	W 4
T 5	16 10 31	2° 9'39	2♈ 6	11°44	10°42	14°29	24°28	3°19	9°35	26°27	8° 6	28°59	0° 6	25° 1	n.a.	T 5
F 6	16 14 28	3° 6'47	14°13	12°36	10°27	14°15	24°40	3°22	9°39	26°26	8° 6	28°52	0° 3	25° 8	n.a.	F 6
S 7	16 18 24	4° 3'55	26°12	13°32	10°14	14° 2	24°53	3°24	9°42	26°25	8° 5	28°44	29♑59	25°15	n.a.	S 7
S 8	16 22 21	5° 1'05	8♉ 6	14°34	10° 3	13°49	25° 5	3°26	9°46	26°23	8° 5	28°35	29°57	25°21	n.a.	S 8
M 9	16 26 17	5°58'15	19°58	15°40	9°55	13°37	25°17	3°28	9°50	26°22	8° 4	28°25	29°53	25°28	n.a.	M 9
T 10	16 30 14	6°55'26	1♊49	16°50	9°50	13°26	25°29	3°29	9°53	26°21	8° 4	28°15	29°50	25°35	n.a.	T 10
W11	16 34 10	7°52'38	13°41	18° 6	9°46	13°15	25°41	3°31	9°57	26°20	8° 3	28° 7	29°47	25°41	n.a.	W11
T 12	16 38 7	8°49'50	25°36	19°25	9°D46	13° 5	25°53	3°33	10° 1	26°19	8° 3	28° 0	29°44	25°48	n.a.	T 12
F 13	16 42 4	9°47'03	7♋35	20°50	9°47	12°56	26° 5	3°34	10° 4	26°18	8° 2	27°56	29°41	25°55	n.a.	F 13
S 14	16 46 0	10°44'16	19°41	22°18	9°51	12°47	26°17	3°36	10° 8	26°17	8° 2	27°54	29°37	26° 2	n.a.	S 14
S 15	16 49 57	11°41'30	1♌57	23°51	9°56	12°39	26°28	3°37	10°12	26°16	8° 1	27°D53	29°34	26° 8	n.a.	S 15
M16	16 53 53	12°38'45	14°26	25°28	10° 4	12°32	26°40	3°38	10°15	26°15	8° 1	27°54	29°31	26°15	n.a.	M16
T 17	16 57 50	13°36'00	27°11	27° 8	10°14	12°26	26°52	3°39	10°19	26°14	8° 0	27°56	29°28	26°22	n.a.	T 17
W18	17 1 46	14°33'16	10♍17	28°52	10°27	12°21	27° 3	3°40	10°23	26°13	7°59	27°R57	29°25	26°28	n.a.	W18
T 19	17 5 43	15°30'32	23°46	0♎40	10°41	12°16	27°15	3°41	10°26	26°12	7°59	27°56	29°22	26°35	n.a.	T 19
F 20	17 9 39	16°27'49	7♎40	2°31	10°57	12°12	27°26	3°42	10°30	26°11	7°58	27°55	29°18	26°42	n.a.	F 20
S 21	17 13 36	17°25'07	22° 0	4°24	11°15	12°10	27°37	3°42	10°33	26°10	7°57	27°51	29°15	26°49	n.a.	S 21
S 22	17 17 33	18°22'25	6♏43	6°20	11°35	12° 8	27°48	3°43	10°37	26° 9	7°57	27°46	29°12	26°55	n.a.	S 22
M23	17 21 29	19°19'44	21°44	8°19	11°56	12° 6	27°59	3°43	10°41	26° 8	7°56	27°41	29° 9	27° 2	n.a.	M23
T 24	17 25 26	20°17'04	6♐53	10°19	12°20	12°D 6	28°10	3°44	10°44	26° 8	7°55	27°36	29° 6	27° 9	n.a.	T 24
W25	17 29 22	21°14'26	22° 3	12°21	12°45	12° 6	28°21	3°44	10°48	26° 7	7°54	27°31	29° 3	27°15	n.a.	W25
T 26	17 33 19	22°11'48	7♑ 1	14°24	13°12	12° 8	28°32	3°44	10°52	26° 6	7°54	27°28	28°59	27°22	n.a.	T 26
F 27	17 37 15	23° 9'12	21°41	16°27	13°40	12°10	28°43	3°R44	10°55	26° 6	7°53	27°D27	28°56	27°29	n.a.	F 27
S 28	17 41 12	24° 6'36	5♒57	18°32	14° 9	12°13	28°53	3°44	10°59	26° 5	7°52	27°27	28°53	27°36	n.a.	S 28
S 29	17 45 9	25° 4'03	19°45	20°36	14°41	12°16	29° 4	3°44	11° 2	26° 4	7°51	27°28	28°50	27°42	n.a.	S 29
M30	17 49 5	26♊ 1'30	3♓ 7	22♊41	15♉13	12♏21	29♈14	3♓44	11♊ 6	26♎ 4	7♒50	27♑30	28♑47	27♉49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 7	16s42	1n 4	11n15	3s43	13n33	2s16	19s50	3s14	8n24	1s 0	12s37	2s15	22n22	0n 9	8s33	1n59	32s57	15s 1	20s41	20s25	23n46		n.a.
M 2	20 20	11 33	2 11	11 33	3 35	13 15	2 27	19 48	3 17	8 28	1 0	12 36	2 16	22 23	0 9	8 33	1 59	32 58	15 1	20 41	20 26	23 47		n.a.
T 3	20 32	6 4	3 9	11 52	3 27	12 58	2 38	19 46	3 20	8 33	1 0	12 35	2 16	22 23	0 9	8 32	1 59	32 58	15 1	20 41	20 26	23 49		n.a.
W 4	20 44	0 29	3 57	12 14	3 17	12 43	2 48	19 44	3 23	8 38	1 0	12 35	2 16	22 24	0 9	8 32	1 59	32 58	15 2	20 41	20 27	23 50		n.a.
T 5	20 56	5n 0	4 33	12 38	3 7	12 28	2 58	19 43	3 26	8 42	1 0	12 34	2 17	22 24	0 9	8 31	1 59	32 59	15 2	20 42	20 28	23 51		n.a.
F 6	21 7	10 13	4 55	13 4	2 57	12 14	3 7	19 41	3 28	8 47	1 0	12 34	2 17	22 25	0 9	8 31	1 59	32 59	15 2	20 43	20 28	23 53		n.a.
S 7	21 18	15 0	5 5	13 32	2 46	12 2	3 16	19 40	3 31	8 51	1 0	12 33	2 17	22 25	0 9	8 31	1 59	33 0	15 3	20 45	20 29	23 54		n.a.
S 8	21 29	19 10	5 1	14 1	2 34	11 51	3 24	19 38	3 33	8 56	1 0	12 33	2 17	22 26	0 9	8 30	1 59	33 0	15 3	20 47	20 30	23 55		n.a.
M 9	21 39	22 34	4 44	14 32	2 22	11 41	3 31	19 37	3 36	9 0	1 0	12 32	2 18	22 26	0 9	8 30	1 59	33 1	15 3	20 49	20 30	23 57		n.a.
T 10	21 49	25 1	4 15	15 5	2 9	11 33	3 39	19 35	3 38	9 5	1 0	12 32	2 18	22 27	0 9	8 29	1 59	33 1	15 4	20 51	20 31	23 58		n.a.
W11	21 59	26 22	3 35	15 38	1 57	11 25	3 45	19 34	3 40	9 9	1 0	12 31	2 18	22 28	0 9	8 29	1 59	33 2	15 4	20 53	20 32	23 59		n.a.
T 12	22 8	26 30	2 45	16 13	1 44	11 19	3 52	19 33	3 42	9 14	1 0	12 31	2 19	22 28	0 9	8 29	1 59	33 2	15 4	20 54	20 32	24 1		n.a.
F 13	22 17	25 24	1 47	16 48	1 31	11 14	3 58	19 32	3 44	9 18	1 0	12 31	2 19	22 29	0 9	8 28	1 59	33 3	15 5	20 55	20 33	24 2		n.a.
S 14	22 25	23 5	0 44	17 24	1 18	11 10	4 3	19 31	3 46	9 22	1 0	12 31	2 19	22 29	0 9	8 28	1 59	33 3	15 5	20 55	20 34	24 3		n.a.
S 15	22 33	19 42	0s22	18 0	1 5	11 7	4 8	19 30	3 48	9 26	1 0	12 30	2 20	22 30	0 9	8 28	1 58	33 3	15 5	20 55	20 35	24 4		n.a.
M16	22 41	15 22	1 28	18 37	0 52	11 5	4 12	19 30	3 50	9 31	1 1	12 30	2 20	22 30	0 9	8 27	1 58	33 4	15 6	20 55	20 35	24 6		n.a.
T 17	22 48	10 17	2 32	19 13	0 39	11 5	4 16	19 29	3 51	9 35	1 1	12 30	2 20	22 31	0 9	8 27	1 58	33 4	15 6	20 55	20 36	24 7		n.a.
W18	22 55	4 37	3 29	19 49	0 26	11 5	4 20	19 29	3 53	9 39	1 1	12 30	2 20	22 31	0 9	8 27	1 58	33 5	15 6	20 55	20 37	24 8		n.a.
T 19	23 2	1s24	4 17	20 24	0 13	11 6	4 23	19 29	3 54	9 43	1 1	12 30	2 21	22 32	0 9	8 27	1 58	33 5	15 7	20 55	20 37	24 9		n.a.
F 20	23 8	7 32	4 51	20 59	0 1	11 9	4 26	19 29	3 56	9 47	1 1	12 30	2 21	22 33	0 9	8 26	1 58	33 6	15 7	20 55	20 38	24 11		n.a.
S 21	23 14	13 27	5 8	21 33	0n10	11 12	4 29	19 29	3 57	9 51	1 1	12 30	2 21	22 33	0 9	8 26	1 58	33 6	15 7	20 56	20 39	24 12		n.a.
S 22	23 19	18 47	5 6	22 5	0 22	11 16	4 31	19 29	3 58	9 55	1 1	12 30	2 22	22 34	0 9	8 26	1 58	33 7	15 8	20 57	20 39	24 13		n.a.
M23	23 24	23 3	4 43	22 35	0 32	11 21	4 33	19 30	3 59	9 59	1 1	12 30	2 22	22 34	0 9	8 26	1 58	33 7	15 8	20 58	20 40	24 14		n.a.
T 24	23 28	25 46	4 1	23 4	0 42	11 26	4 34	19 31	4 0	10 3	1 1	12 30	2 22	22 35	0 9	8 25	1 58	33 8	15 8	20 59	20 41	24 15		n.a.
W25	23 32	26 36	3 1	23 30	0 52	11 33	4 36	19 32	4 1	10 7	1 1	12 30	2 23	22 35	0 9	8 25	1 58	33 8	15 8	21 0	20 41	24 17		n.a.
T 26	23 36	25 28	1 49	23 54	1 1	11 40	4 37	19 33	4 1	10 11	1 1	12 31	2 23	22 36	0 9	8 25	1 58	33 9	15 9	21 1	20 42	24 18		n.a.
F 27	23 39	22 34	0 31	24 16	1 9	11 47	4 37	19 34	4 2	10 15	1 1	12 31	2 23	22 36	0 9	8 25	1 58	33 9	15 9	21 1	20 43	24 19		n.a.
S 28	23 42	18 21	0n46	24 35	1 16	11 56	4 38	19 35	4 3	10 18	1 1	12 31	2 23	22 37	0 9	8 24	1 58	33 10	15 9	21 1	20 43	24 20		n.a.
S 29	23 44	13 15	1 59	24 52	1 22	12 5	4 38	19 37	4 3	10 22	1 1	12 32	2 24	22 37	0 9	8 24	1 58	33 10	15 10	21 1	20 44	24 21		n.a.
M30	23n46	7s42	3n 3	25n 6	1n28	12n15	4s38	19s39	4s 4	10n26	1s 1	12s32	2s24	22n38	0n 9	8s24	1n58	33s11	15s10	21s 0	20s45	24n23		n.a.

Julian Day Number = 1299345.5, Delta T = 07h51m50s
Ecliptic obliquity = 23°50'01, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'35, Lahiri = -19°54'34 Julian Calendar 1 June 1156 BCE == Greg. Calendar 21 May 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

JULY 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 53 2	26♊58'59	16♓ 4	24♊45	15♉47	12♏26	29♈25	3°R43	11♊10	26°R 3	7°R49	27♑31	28♑43	27♉56	n.a.	T 1
W 2	17 56 58	27°56'30	28°39	26°49	16°22	12°32	29°35	3♓43	11°13	26♎ 2	7♒49	27°R31	28°40	28° 2	n.a.	W 2
T 3	18 0 55	28°54'02	10♈58	28°52	16°59	12°39	29°45	3°42	11°17	26° 2	7°48	27°31	28°37	28° 9	n.a.	T 3
F 4	18 4 51	29°51'36	23° 3	0♋54	17°36	12°47	29°55	3°42	11°20	26° 1	7°47	27°29	28°34	28°16	n.a.	F 4
S 5	18 8 48	0♋49'11	5♉ 0	2°55	18°15	12°55	0♉ 5	3°41	11°24	26° 1	7°46	27°26	28°31	28°23	n.a.	S 5
S 6	18 12 44	1°46'49	16°52	4°55	18°55	13° 4	0°15	3°40	11°27	26° 0	7°45	27°22	28°28	28°29	n.a.	S 6
M 7	18 16 41	2°44'27	28°43	6°54	19°36	13°14	0°24	3°39	11°31	26° 0	7°44	27°18	28°24	28°36	n.a.	M 7
T 8	18 20 38	3°42'08	10♊35	8°52	20°18	13°25	0°34	3°38	11°34	26° 0	7°43	27°14	28°21	28°43	n.a.	T 8
W 9	18 24 34	4°39'50	22°32	10°48	21° 1	13°36	0°43	3°37	11°38	25°59	7°42	27°10	28°18	28°49	n.a.	W 9
T 10	18 28 31	5°37'33	4♋34	12°43	21°45	13°48	0°53	3°35	11°41	25°59	7°41	27° 8	28°15	28°56	n.a.	T 10
F 11	18 32 27	6°35'18	16°43	14°37	22°30	14° 1	1° 2	3°34	11°45	25°59	7°40	27° 6	28°12	29° 3	n.a.	F 11
S 12	18 36 24	7°33'05	29° 2	16°29	23°16	14°15	1°11	3°32	11°48	25°58	7°39	27°D 6	28° 9	29° 9	n.a.	S 12
S 13	18 40 20	8°30'53	11♌32	18°20	24° 2	14°29	1°20	3°31	11°51	25°58	7°38	27° 6	28° 5	29°16	n.a.	S 13
M14	18 44 17	9°28'42	24°14	20°10	24°50	14°44	1°29	3°29	11°55	25°58	7°37	27° 8	28° 2	29°23	n.a.	M14
T 15	18 48 13	10°26'33	7♍11	21°58	25°38	15° 0	1°37	3°27	11°58	25°58	7°36	27° 9	27°59	29°30	n.a.	T 15
W16	18 52 10	11°24'25	20°24	23°45	26°27	15°16	1°46	3°25	12° 1	25°58	7°35	27°10	27°56	29°36	n.a.	W16
T 17	18 56 7	12°22'19	3♎55	25°30	27°16	15°33	1°55	3°23	12° 5	25°58	7°34	27°11	27°53	29°43	n.a.	T 17
F 18	19 0 3	13°20'14	17°45	27°14	28° 7	15°51	2° 3	3°21	12° 8	25°58	7°32	27°R11	27°49	29°50	n.a.	F 18
S 19	19 4 0	14°18'10	1♏53	28°57	28°58	16° 9	2°11	3°19	12°11	25°D58	7°31	27°10	27°46	29°56	n.a.	S 19
S 20	19 7 56	15°16'08	16°19	0♌39	29°50	16°28	2°19	3°17	12°14	25°58	7°30	27° 9	27°43	0♊ 3	n.a.	S 20
M21	19 11 53	16°14'08	0♐58	2°19	0♊42	16°47	2°27	3°14	12°18	25°58	7°29	27° 8	27°40	0°10	n.a.	M21
T 22	19 15 49	17°12'09	15°46	3°58	1°35	17° 7	2°35	3°12	12°21	25°58	7°28	27° 7	27°37	0°16	n.a.	T 22
W23	19 19 46	18°10'12	0♑36	5°35	2°29	17°28	2°43	3° 9	12°24	25°58	7°27	27° 6	27°34	0°23	n.a.	W23
T 24	19 23 42	19° 8'16	15°19	7°12	3°23	17°49	2°50	3° 7	12°27	25°58	7°26	27° 5	27°30	0°30	n.a.	T 24
F 25	19 27 39	20° 6'23	29°50	8°47	4°18	18°11	2°57	3° 4	12°30	25°58	7°25	27°D 5	27°27	0°37	n.a.	F 25
S 26	19 31 36	21° 4'31	14♒ 1	10°20	5°13	18°33	3° 5	3° 1	12°33	25°58	7°23	27° 6	27°24	0°43	n.a.	S 26
S 27	19 35 32	22° 2'41	27°50	11°53	6° 9	18°56	3°12	2°58	12°36	25°59	7°22	27° 6	27°21	0°50	n.a.	S 27
M28	19 39 29	23° 0'53	11♓15	13°24	7° 5	19°19	3°19	2°55	12°39	25°59	7°21	27° 6	27°18	0°57	n.a.	M28
T 29	19 43 25	23°59'07	24°16	14°54	8° 2	19°43	3°26	2°52	12°42	25°59	7°20	27° 7	27°15	1° 3	n.a.	T 29
W30	19 47 22	24°57'23	6♈56	16°23	8°59	20° 7	3°32	2°49	12°45	25°59	7°19	27° 7	27°11	1°10	n.a.	W30
T 31	19 51 18	25♋55'42	19♈17	17♌50	9♊57	20♏31	3♉39	2♓46	12♊48	26♎ 0	7♒17	27♑ 7	27♑ 8	1♊17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	1s59	3n55	25n17	1n33	12n25	4s37	19s41	4s 4	10n29	1s 1	12s32	2s24	22n38	0n 9	8s24	1n58	33s11	15s10	21s 0	20s45	24n24			n.a.
W 2	23 49	3n39	4 34	25 25	1 38	12 35	4 37	19 43	4 4	10 33	1 1	12 33	2 25	22 39	0 9	8 24	1 58	33 12	15 10	21 0	20 46	24 25			n.a.
T 3	23 50	9 0	5 0	25 31	1 41	12 46	4 36	19 45	4 4	10 37	1 1	12 33	2 25	22 39	0 9	8 24	1 57	33 12	15 11	21 0	20 47	24 26			n.a.
F 4	23 50	13 55	5 12	25 34	1 44	12 58	4 35	19 48	4 5	10 40	1 1	12 34	2 25	22 40	0 9	8 24	1 57	33 13	15 11	21 0	20 47	24 27			n.a.
S 5	23 50	18 16	5 10	25 34	1 46	13 10	4 34	19 51	4 5	10 44	1 2	12 34	2 25	22 40	0 9	8 23	1 57	33 13	15 11	21 1	20 48	24 28			n.a.
S 6	23 49	21 52	4 55	25 32	1 48	13 22	4 33	19 54	4 5	10 47	1 2	12 35	2 26	22 41	0 9	8 23	1 57	33 14	15 11	21 2	20 49	24 29			n.a.
M 7	23 48	24 33	4 28	25 27	1 48	13 35	4 31	19 57	4 5	10 50	1 2	12 36	2 26	22 41	0 9	8 23	1 57	33 14	15 12	21 3	20 49	24 31			n.a.
T 8	23 47	26 10	3 48	25 20	1 49	13 47	4 29	20 0	4 5	10 54	1 2	12 36	2 26	22 42	0 10	8 23	1 57	33 15	15 12	21 3	20 50	24 32			n.a.
W 9	23 45	26 36	2 59	25 11	1 48	14 1	4 27	20 3	4 4	10 57	1 2	12 37	2 27	22 42	0 10	8 23	1 57	33 15	15 12	21 4	20 50	24 33			n.a.
T 10	23 43	25 46	2 1	24 59	1 47	14 14	4 25	20 7	4 4	11 0	1 2	12 38	2 27	22 43	0 10	8 23	1 57	33 16	15 12	21 5	20 51	24 34			n.a.
F 11	23 40	23 42	0 57	24 46	1 46	14 28	4 23	20 11	4 4	11 3	1 2	12 39	2 27	22 43	0 10	8 23	1 57	33 16	15 12	21 5	20 52	24 35			n.a.
S 12	23 37	20 31	0s11	24 31	1 44	14 41	4 21	20 15	4 4	11 6	1 2	12 39	2 27	22 44	0 10	8 23	1 57	33 17	15 13	21 5	20 52	24 36			n.a.
S 13	23 33	16 21	1 19	24 13	1 41	14 55	4 18	20 19	4 3	11 10	1 2	12 40	2 28	22 44	0 10	8 23	1 57	33 17	15 13	21 5	20 53	24 37			n.a.
M14	23 29	11 24	2 24	23 54	1 38	15 9	4 16	20 23	4 3	11 13	1 2	12 41	2 28	22 45	0 10	8 23	1 57	33 18	15 13	21 5	20 54	24 38			n.a.
T 15	23 25	5 52	3 24	23 34	1 35	15 24	4 13	20 27	4 3	11 16	1 2	12 42	2 28	22 45	0 10	8 23	1 57	33 18	15 13	21 4	20 54	24 39			n.a.
W16	23 20	0s 1	4 14	23 12	1 31	15 38	4 10	20 32	4 2	11 19	1 2	12 43	2 29	22 46	0 10	8 23	1 57	33 19	15 13	21 4	20 55	24 40			n.a.
T 17	23 15	6 1	4 51	22 48	1 26	15 52	4 7	20 37	4 2	11 21	1 3	12 44	2 29	22 46	0 10	8 23	1 57	33 19	15 14	21 4	20 56	24 41			n.a.
F 18	23 9	11 52	5 12	22 23	1 22	16 7	4 4	20 41	4 1	11 24	1 3	12 45	2 29	22 47	0 10	8 23	1 56	33 20	15 14	21 4	20 56	24 42			n.a.
S 19	23 3	17 14	5 15	21 57	1 17	16 21	4 0	20 46	4 0	11 27	1 3	12 46	2 29	22 47	0 10	8 23	1 56	33 20	15 14	21 4	20 57	24 43			n.a.
S 20	22 57	21 45	4 59	21 30	1 12	16 35	3 57	20 51	4 0	11 30	1 3	12 47	2 30	22 48	0 10	8 23	1 56	33 21	15 14	21 4	20 58	24 44			n.a.
M21	22 50	24 58	4 23	21 2	1 6	16 50	3 54	20 56	3 59	11 32	1 3	12 48	2 30	22 48	0 10	8 23	1 56	33 21	15 14	21 5	20 58	24 45			n.a.
T 22	22 42	26 32	3 29	20 33	1 0	17 4	3 50	21 2	3 58	11 35	1 3	12 49	2 30	22 48	0 10	8 23	1 56	33 22	15 14	21 5	20 59	24 46			n.a.
W23	22 35	26 12	2 22	20 3	0 54	17 18	3 46	21 7	3 58	11 38	1 3	12 51	2 30	22 49	0 10	8 23	1 56	33 22	15 15	21 5	20 59	24 47			n.a.
T 24	22 26	24 1	1 5	19 32	0 47	17 32	3 43	21 12	3 57	11 40	1 3	12 52	2 31	22 49	0 10	8 24	1 56	33 23	15 15	21 5	21 0	24 48			n.a.
F 25	22 18	20 16	0n15	19 1	0 41	17 46	3 39	21 18	3 56	11 43	1 3	12 53	2 31	22 50	0 10	8 24	1 56	33 23	15 15	21 5	21 1	24 49			n.a.
S 26	22 9	15 25	1 33	18 29	0 34	18 0	3 35	21 23	3 55	11 45	1 3	12 54	2 31	22 50	0 10	8 24	1 56	33 23	15 15	21 5	21 1	24 50			n.a.
S 27	22 0	9 53	2 42	17 56	0 27	18 14	3 31	21 29	3 55	11 47	1 3	12 56	2 31	22 51	0 10	8 24	1 56	33 24	15 15	21 5	21 2	24 51			n.a.
M28	21 50	4 3	3 41	17 23	0 19	18 27	3 27	21 35	3 54	11 50	1 4	12 57	2 32	22 51	0 10	8 24	1 56	33 24	15 15	21 5	21 3	24 52			n.a.
T 29	21 40	1n46	4 27	16 49	0 12	18 41	3 23	21 41	3 53	11 52	1 4	12 58	2 32	22 51	0 10	8 24	1 56	33 25	15 15	21 5	21 3	24 53			n.a.
W30	21 29	7 20	4 58	16 15	0 4	18 54	3 18	21 47	3 52	11 54	1 4	13 0	2 32	22 52	0 10	8 24	1 56	33 25	15 15	21 5	21 4	24 54			n.a.
T 31	21n19	12n30	5n14	15n41	0s 3	19n 7	3s14	21s52	3s51	11n56	1s 4	13s 1	2s32	22n52	0n10	8s25	1n56	33s26	15s16	21s 5	21s 5	24n55			n.a.

Julian Day Number = 1299375.5, Delta T = 07h51m48s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'31, Lahiri = -19°54'30 Julian Calendar 1 July 1156 BCE == Greg. Calendar 20 June 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

AUGUST 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 55 15	26♋54'03	1♉24	19♌17	10♊56	20♏56	3♉45	2°R42	12♊51	26♎ 0	7°R16	27♑ 7	27♑ 5	1♊23	n.a.	F 1
S 2	19 59 11	27°52'26	13°21	20°41	11°54	21°22	3°51	2♓39	12°54	26° 1	7♒15	27° 7	27° 2	1°30	n.a.	S 2
S 3	20 3 8	28°50'51	25°13	22° 5	12°54	21°48	3°57	2°35	12°57	26° 1	7°14	27° 7	26°59	1°37	n.a.	S 3
M 4	20 7 5	29°49'19	7♊ 4	23°27	13°53	22°14	4° 3	2°32	12°59	26° 2	7°13	27° 7	26°55	1°44	n.a.	M 4
T 5	20 11 1	0♌47'49	18°59	24°48	14°53	22°41	4° 9	2°28	13° 2	26° 2	7°11	27° 8	26°52	1°50	n.a.	T 5
W 6	20 14 58	1°46'21	1♋ 0	26° 7	15°53	23° 9	4°14	2°24	13° 5	26° 3	7°10	27° 8	26°49	1°57	n.a.	W 6
T 7	20 18 54	2°44'56	13°11	27°25	16°54	23°36	4°20	2°21	13° 8	26° 3	7° 9	27° 9	26°46	2° 4	n.a.	T 7
F 8	20 22 51	3°43'32	25°33	28°41	17°55	24° 5	4°25	2°17	13°10	26° 4	7° 8	27°R 9	26°43	2°10	n.a.	F 8
S 9	20 26 47	4°42'11	8♌ 9	29°56	18°57	24°33	4°30	2°13	13°13	26° 5	7° 6	27° 9	26°40	2°17	n.a.	S 9
S 10	20 30 44	5°40'52	20°59	1♍ 9	19°59	25° 2	4°35	2° 9	13°15	26° 5	7° 5	27° 8	26°36	2°24	n.a.	S 10
M11	20 34 40	6°39'34	4♍ 3	2°20	21° 1	25°31	4°40	2° 5	13°18	26° 6	7° 4	27° 7	26°33	2°30	n.a.	M11
T 12	20 38 37	7°38'19	17°20	3°30	22° 3	26° 1	4°44	2° 1	13°21	26° 7	7° 3	27° 6	26°30	2°37	n.a.	T 12
W13	20 42 33	8°37'05	0♎51	4°37	23° 6	26°31	4°48	1°57	13°23	26° 7	7° 1	27° 4	26°27	2°44	n.a.	W13
T 14	20 46 30	9°35'54	14°34	5°43	24° 9	27° 1	4°53	1°52	13°25	26° 8	7° 0	27° 3	26°24	2°51	n.a.	T 14
F 15	20 50 27	10°34'44	28°29	6°46	25°13	27°32	4°57	1°48	13°28	26° 9	6°59	27° 2	26°21	2°57	n.a.	F 15
S 16	20 54 23	11°33'36	12♏34	7°46	26°16	28° 3	5° 0	1°44	13°30	26°10	6°58	27°D 2	26°17	3° 4	n.a.	S 16
S 17	20 58 20	12°32'30	26°47	8°44	27°20	28°34	5° 4	1°39	13°32	26°11	6°57	27° 2	26°14	3°11	n.a.	S 17
M18	21 2 16	13°31'26	11♐ 6	9°40	28°25	29° 6	5° 7	1°35	13°35	26°12	6°55	27° 3	26°11	3°17	n.a.	M18
T 19	21 6 13	14°30'24	25°28	10°32	29°29	29°38	5°11	1°31	13°37	26°13	6°54	27° 5	26° 8	3°24	n.a.	T 19
W20	21 10 9	15°29'24	9♑50	11°21	0♋34	0♐10	5°14	1°26	13°39	26°14	6°53	27° 6	26° 5	3°31	n.a.	W20
T 21	21 14 6	16°28'26	24° 7	12° 7	1°39	0°43	5°17	1°22	13°41	26°15	6°52	27°R 6	26° 1	3°37	n.a.	T 21
F 22	21 18 2	17°27'30	8♒16	12°48	2°45	1°16	5°19	1°17	13°43	26°16	6°50	27° 6	25°58	3°44	n.a.	F 22
S 23	21 21 59	18°26'36	22°12	13°26	3°50	1°49	5°22	1°12	13°45	26°17	6°49	27° 5	25°55	3°51	n.a.	S 23
S 24	21 25 56	19°25'44	5♓51	13°59	4°56	2°22	5°24	1° 8	13°47	26°18	6°48	27° 2	25°52	3°58	n.a.	S 24
M25	21 29 52	20°24'54	19°10	14°28	6° 2	2°56	5°26	1° 3	13°49	26°19	6°47	26°59	25°49	4° 4	n.a.	M25
T 26	21 33 49	21°24'07	2♈10	14°51	7° 9	3°30	5°28	0°58	13°51	26°20	6°46	26°55	25°46	4°11	n.a.	T 26
W27	21 37 45	22°23'22	14°50	15° 8	8°15	4° 4	5°30	0°54	13°53	26°22	6°44	26°51	25°42	4°18	n.a.	W27
T 28	21 41 42	23°22'39	27°13	15°19	9°22	4°38	5°31	0°49	13°55	26°23	6°43	26°48	25°39	4°24	n.a.	T 28
F 29	21 45 38	24°21'59	9♉21	15°R23	10°29	5°13	5°33	0°44	13°57	26°24	6°42	26°46	25°36	4°31	n.a.	F 29
S 30	21 49 35	25°21'22	21°19	15°21	11°36	5°47	5°34	0°39	13°58	26°25	6°41	26°D45	25°33	4°38	n.a.	S 30
S 31	21 53 31	26♌20'47	3♊11	15♍11	12♋44	6♐22	5♉35	0♓35	14♊ 0	26♎27	6♒40	26♑45	25♑30	4♊44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 7	17n 5	5n16	15n 6	0s11	19n19	3s10	21s58	3s50	11n58	1s 4	13s 3	2s32	22n53	0n10	8s25	1n55	33s26	15s16	21s 5	21s 5	24n56		n.a.
S 2	20 56	20 56	5 5	14 32	0 19	19 31	3 5	22 4	3 49	12 0	1 4	13 4	2 33	22 53	0 10	8 25	1 55	33 27	15 16	21 5	21 6	24 57		n.a.
S 3	20 44	23 54	4 40	13 57	0 28	19 43	3 1	22 11	3 48	12 2	1 4	13 6	2 33	22 53	0 10	8 25	1 55	33 27	15 16	21 5	21 6	24 58		n.a.
M 4	20 31	25 51	4 3	13 22	0 36	19 55	2 57	22 17	3 47	12 4	1 4	13 7	2 33	22 54	0 10	8 26	1 55	33 27	15 16	21 5	21 7	24 59		n.a.
T 5	20 19	26 38	3 16	12 47	0 44	20 7	2 52	22 23	3 46	12 6	1 4	13 9	2 33	22 54	0 10	8 26	1 55	33 28	15 16	21 5	21 8	25 0		n.a.
W 6	20 5	26 10	2 20	12 12	0 53	20 18	2 48	22 29	3 45	12 8	1 4	13 10	2 33	22 54	0 10	8 26	1 55	33 28	15 16	21 5	21 8	25 1		n.a.
T 7	19 52	24 26	1 17	11 37	1 1	20 28	2 43	22 35	3 44	12 10	1 5	13 12	2 34	22 55	0 10	8 26	1 55	33 29	15 16	21 4	21 9	25 2		n.a.
F 8	19 38	21 31	0 9	11 2	1 10	20 39	2 38	22 41	3 43	12 11	1 5	13 13	2 34	22 55	0 10	8 27	1 55	33 29	15 16	21 4	21 10	25 3		n.a.
S 9	19 24	17 33	1s 1	10 28	1 18	20 49	2 34	22 47	3 41	12 13	1 5	13 15	2 34	22 55	0 10	8 27	1 55	33 29	15 16	21 4	21 10	25 3		n.a.
S 10	19 10	12 43	2 8	9 54	1 27	20 58	2 29	22 54	3 40	12 15	1 5	13 17	2 34	22 56	0 10	8 27	1 55	33 30	15 16	21 5	21 11	25 4		n.a.
M11	18 55	7 14	3 10	9 20	1 35	21 7	2 24	23 0	3 39	12 16	1 5	13 18	2 34	22 56	0 10	8 28	1 55	33 30	15 16	21 5	21 11	25 5		n.a.
T 12	18 40	1 21	4 3	8 47	1 44	21 16	2 20	23 6	3 38	12 17	1 5	13 20	2 35	22 56	0 10	8 28	1 55	33 30	15 16	21 5	21 12	25 6		n.a.
W13	18 24	4s40	4 44	8 14	1 52	21 24	2 15	23 12	3 37	12 19	1 5	13 21	2 35	22 57	0 10	8 28	1 55	33 31	15 16	21 5	21 13	25 7		n.a.
T 14	18 8	10 34	5 9	7 42	2 1	21 32	2 10	23 18	3 36	12 20	1 5	13 23	2 35	22 57	0 10	8 29	1 55	33 31	15 16	21 6	21 13	25 8		n.a.
F 15	17 52	16 1	5 16	7 11	2 9	21 39	2 6	23 24	3 34	12 21	1 5	13 25	2 35	22 57	0 10	8 29	1 55	33 32	15 16	21 6	21 14	25 9		n.a.
S 16	17 36	20 41	5 5	6 40	2 17	21 46	2 1	23 30	3 33	12 23	1 5	13 27	2 35	22 58	0 10	8 29	1 54	33 32	15 16	21 6	21 14	25 9		n.a.
S 17	17 19	24 12	4 35	6 11	2 25	21 52	1 56	23 37	3 32	12 24	1 6	13 28	2 35	22 58	0 10	8 30	1 54	33 32	15 16	21 6	21 15	25 10		n.a.
M18	17 2	26 14	3 48	5 43	2 33	21 58	1 51	23 42	3 31	12 25	1 6	13 30	2 36	22 58	0 10	8 30	1 54	33 33	15 16	21 5	21 16	25 11		n.a.
T 19	16 45	26 31	2 46	5 16	2 41	22 3	1 47	23 48	3 29	12 26	1 6	13 32	2 36	22 59	0 10	8 31	1 54	33 33	15 16	21 5	21 16	25 12		n.a.
W20	16 27	25 1	1 34	4 50	2 48	22 8	1 42	23 54	3 28	12 27	1 6	13 34	2 36	22 59	0 10	8 31	1 54	33 33	15 16	21 5	21 17	25 13		n.a.
T 21	16 9	21 55	0 16	4 26	2 55	22 12	1 37	24 0	3 27	12 28	1 6	13 35	2 36	22 59	0 10	8 31	1 54	33 34	15 16	21 5	21 17	25 14		n.a.
F 22	15 51	17 31	1n 1	4 4	3 2	22 16	1 32	24 6	3 26	12 28	1 6	13 37	2 36	22 59	0 10	8 32	1 54	33 34	15 16	21 5	21 18	25 14		n.a.
S 23	15 33	12 14	2 14	3 43	3 9	22 19	1 28	24 12	3 24	12 29	1 6	13 39	2 36	23 0	0 10	8 32	1 54	33 34	15 16	21 5	21 19	25 15		n.a.
S 24	15 14	6 28	3 17	3 25	3 15	22 22	1 23	24 17	3 23	12 30	1 6	13 41	2 36	23 0	0 10	8 33	1 54	33 34	15 16	21 6	21 19	25 16		n.a.
M25	14 55	0 33	4 8	3 9	3 20	22 24	1 18	24 23	3 22	12 30	1 6	13 42	2 36	23 0	0 10	8 33	1 54	33 35	15 16	21 6	21 20	25 17		n.a.
T 26	14 36	5n13	4 45	2 56	3 25	22 25	1 13	24 28	3 20	12 31	1 7	13 44	2 36	23 1	0 10	8 34	1 54	33 35	15 16	21 7	21 20	25 17		n.a.
W27	14 17	10 38	5 7	2 45	3 29	22 26	1 9	24 34	3 19	12 31	1 7	13 46	2 37	23 1	0 10	8 34	1 54	33 35	15 16	21 8	21 21	25 18		n.a.
T 28	13 57	15 30	5 14	2 38	3 32	22 26	1 4	24 39	3 18	12 32	1 7	13 48	2 37	23 1	0 10	8 35	1 54	33 35	15 16	21 9	21 22	25 19		n.a.
F 29	13 37	19 40	5 6	2 34	3 34	22 25	0 59	24 44	3 16	12 32	1 7	13 50	2 37	23 1	0 10	8 35	1 54	33 36	15 16	21 9	21 22	25 20		n.a.
S 30	13 17	22 58	4 45	2 34	3 35	22 24	0 55	24 49	3 15	12 32	1 7	13 51	2 37	23 1	0 10	8 36	1 54	33 36	15 16	21 9	21 23	25 20		n.a.
S 31	12n56	25n16	4n13	2n38	3s35	22n23	0s50	24s54	3s13	12n33	1s 7	13s53	2s37	23n 2	0n10	8s36	1n54	33s36	15s16	21s 9	21s23	25n21		n.a.

Julian Day Number = 1299406.5, Delta T = 07h51m46s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'26, Lahiri = -19°54'26 Julian Calendar 1 Aug. 1156 BCE == Greg. Calendar 21 July 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

SEPTEMBER 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 57 28	27♌20'14	15♊ 2	14°R53	13♋51	6♐58	5♉36	0°R30	14♊ 2	26♎28	6°R39	26♑46	25♑27	4♊51	n.a.	M 1
T 2	22 1 24	28°19'44	26°57	14♍27	14°59	7°33	5°36	0♓25	14° 3	26°29	6♒38	26°48	25°23	4°58	n.a.	T 2
W 3	22 5 21	29°19'16	9♋ 1	13°53	16° 7	8° 9	5°36	0°20	14° 5	26°31	6°36	26°49	25°20	5° 4	n.a.	W 3
T 4	22 9 18	0♍18'51	21°18	13°10	17°16	8°45	5°R37	0°15	14° 6	26°32	6°35	26°R50	25°17	5°11	n.a.	T 4
F 5	22 13 14	1°18'27	3♌51	12°20	18°24	9°21	5°37	0°11	14° 8	26°34	6°34	26°50	25°14	5°18	n.a.	F 5
S 6	22 17 11	2°18'07	16°43	11°23	19°33	9°57	5°36	0° 6	14° 9	26°35	6°33	26°49	25°11	5°25	n.a.	S 6
S 7	22 21 7	3°17'48	29°53	10°19	20°42	10°34	5°36	0° 1	14°10	26°37	6°32	26°45	25° 7	5°31	n.a.	S 7
M 8	22 25 4	4°17'32	13♍22	9°10	21°51	11°10	5°35	29♒56	14°11	26°38	6°31	26°40	25° 4	5°38	n.a.	M 8
T 9	22 29 0	5°17'17	27° 7	7°57	23° 0	11°47	5°34	29°51	14°13	26°40	6°30	26°34	25° 1	5°45	n.a.	T 9
W10	22 32 57	6°17'05	11♎ 5	6°43	24° 9	12°24	5°33	29°47	14°14	26°41	6°29	26°27	24°58	5°51	n.a.	W10
T 11	22 36 53	7°16'54	25°11	5°30	25°19	13° 2	5°32	29°42	14°15	26°43	6°28	26°21	24°55	5°58	n.a.	T 11
F 12	22 40 50	8°16'46	9♏23	4°19	26°28	13°39	5°30	29°37	14°16	26°45	6°27	26°16	24°52	6° 5	n.a.	F 12
S 13	22 44 46	9°16'39	23°35	3°13	27°38	14°17	5°29	29°33	14°17	26°46	6°26	26°13	24°48	6°11	n.a.	S 13
S 14	22 48 43	10°16'35	7♐46	2°14	28°48	14°54	5°27	29°28	14°18	26°48	6°25	26°D12	24°45	6°18	n.a.	S 14
M15	22 52 40	11°16'32	21°54	1°23	29°58	15°32	5°25	29°23	14°19	26°50	6°24	26°13	24°42	6°25	n.a.	M15
T 16	22 56 36	12°16'31	5♑56	0°42	1♌ 8	16°10	5°22	29°19	14°20	26°51	6°23	26°14	24°39	6°31	n.a.	T 16
W17	23 0 33	13°16'31	19°53	0°12	2°19	16°48	5°20	29°14	14°20	26°53	6°22	26°R15	24°36	6°38	n.a.	W17
T 18	23 4 29	14°16'33	3♒43	29♌53	3°29	17°27	5°17	29° 9	14°21	26°55	6°21	26°15	24°33	6°45	n.a.	T 18
F 19	23 8 26	15°16'38	17°25	29°D45	4°40	18° 5	5°14	29° 5	14°22	26°57	6°20	26°13	24°29	6°52	n.a.	F 19
S 20	23 12 22	16°16'43	0♓56	29°49	5°51	18°44	5°11	29° 0	14°23	26°58	6°19	26° 8	24°26	6°58	n.a.	S 20
S 21	23 16 19	17°16'51	14°16	0♍ 4	7° 2	19°23	5° 8	28°56	14°23	27° 0	6°18	26° 2	24°23	7° 5	n.a.	S 21
M22	23 20 15	18°17'01	27°21	0°29	8°13	20° 1	5° 5	28°52	14°24	27° 2	6°17	25°53	24°20	7°12	n.a.	M22
T 23	23 24 12	19°17'13	10♈12	1° 4	9°24	20°40	5° 1	28°47	14°24	27° 4	6°16	25°43	24°17	7°18	n.a.	T 23
W24	23 28 9	20°17'27	22°46	1°47	10°35	21°19	4°57	28°43	14°24	27° 6	6°16	25°33	24°13	7°25	n.a.	W24
T 25	23 32 5	21°17'42	5♉ 6	2°38	11°47	21°59	4°53	28°39	14°25	27° 8	6°15	25°24	24°10	7°32	n.a.	T 25
F 26	23 36 2	22°18'01	17°12	3°35	12°58	22°38	4°49	28°34	14°25	27°10	6°14	25°16	24° 7	7°38	n.a.	F 26
S 27	23 39 58	23°18'21	29° 9	4°39	14°10	23°17	4°45	28°30	14°25	27°12	6°13	25°10	24° 4	7°45	n.a.	S 27
S 28	23 43 55	24°18'43	11♊ 0	5°49	15°22	23°57	4°40	28°26	14°26	27°14	6°12	25° 7	24° 1	7°52	n.a.	S 28
M29	23 47 51	25°19'08	22°49	7° 2	16°34	24°36	4°35	28°22	14°26	27°16	6°12	25°D 6	23°58	7°58	n.a.	M29
T 30	23 51 48	26♍19'34	4♋43	8♍20	17♌46	25♐16	4♉31	28♒18	14♊26	27♎18	6♒11	25♑ 6	23♑54	8♊ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n36	26n26	3n29	2n46	3s34	22n20	0s46	24s59	3s12	12n33	1s 7	13s55	2s37	23n 2	0n10	8s37	1n53	33s36	15s15	21s 9	21s24	25n22		n.a.
T 2	12 15	26 24	2 36	2 59	3 31	22 17	0 41	25 4	3 11	12 33	1 7	13 57	2 37	23 2	0 10	8 38	1 53	33 37	15 15	21 9	21 25	25 23		n.a.
W 3	11 54	25 7	1 36	3 17	3 26	22 14	0 37	25 8	3 9	12 33	1 7	13 59	2 37	23 2	0 10	8 38	1 53	33 37	15 15	21 8	21 25	25 23		n.a.
T 4	11 33	22 37	0 30	3 39	3 20	22 10	0 32	25 13	3 8	12 33	1 8	14 0	2 37	23 3	0 10	8 39	1 53	33 37	15 15	21 8	21 26	25 24		n.a.
F 5	11 11	18 59	0s38	4 6	3 11	22 5	0 28	25 17	3 7	12 33	1 8	14 2	2 37	23 3	0 10	8 39	1 53	33 37	15 15	21 8	21 26	25 25		n.a.
S 6	10 50	14 24	1 46	4 38	3 1	22 0	0 24	25 22	3 5	12 33	1 8	14 4	2 37	23 3	0 10	8 40	1 53	33 37	15 15	21 8	21 27	25 25		n.a.
S 7	10 28	9 3	2 50	5 14	2 49	21 53	0 19	25 26	3 4	12 32	1 8	14 6	2 37	23 3	0 11	8 40	1 53	33 38	15 15	21 9	21 28	25 26		n.a.
M 8	10 6	3 10	3 46	5 53	2 34	21 47	0 15	25 30	3 2	12 32	1 8	14 7	2 37	23 3	0 11	8 41	1 53	33 38	15 15	21 10	21 28	25 27		n.a.
T 9	9 44	2s57	4 30	6 35	2 18	21 39	0 11	25 34	3 1	12 32	1 8	14 9	2 37	23 3	0 11	8 42	1 53	33 38	15 14	21 11	21 29	25 27		n.a.
W10	9 21	9 1	4 58	7 19	2 1	21 32	0 7	25 37	3 0	12 31	1 8	14 11	2 37	23 4	0 11	8 42	1 53	33 38	15 14	21 13	21 29	25 28		n.a.
T 11	8 59	14 41	5 9	8 4	1 42	21 23	0 3	25 41	2 58	12 31	1 8	14 13	2 37	23 4	0 11	8 43	1 53	33 38	15 14	21 14	21 30	25 29		n.a.
F 12	8 36	19 36	5 1	8 49	1 22	21 14	0n 1	25 44	2 57	12 30	1 8	14 14	2 37	23 4	0 11	8 44	1 53	33 38	15 14	21 15	21 31	25 29		n.a.
S 13	8 13	23 24	4 35	9 32	1 2	21 4	0 5	25 47	2 55	12 29	1 8	14 16	2 37	23 4	0 11	8 44	1 53	33 38	15 14	21 15	21 31	25 30		n.a.
S 14	7 50	25 47	3 52	10 13	0 41	20 53	0 9	25 50	2 54	12 29	1 8	14 18	2 37	23 4	0 11	8 45	1 53	33 39	15 14	21 15	21 32	25 31		n.a.
M15	7 27	26 29	2 55	10 50	0 21	20 42	0 13	25 53	2 52	12 28	1 9	14 19	2 37	23 4	0 11	8 46	1 53	33 39	15 13	21 15	21 32	25 31		n.a.
T 16	7 4	25 29	1 48	11 23	0 1	20 31	0 17	25 56	2 51	12 27	1 9	14 21	2 37	23 4	0 11	8 46	1 53	33 39	15 13	21 15	21 33	25 32		n.a.
W17	6 41	22 54	0 34	11 51	0n17	20 18	0 21	25 59	2 50	12 26	1 9	14 23	2 37	23 4	0 11	8 47	1 53	33 39	15 13	21 15	21 33	25 32		n.a.
T 18	6 17	18 59	0n40	12 14	0 35	20 5	0 24	26 1	2 48	12 25	1 9	14 24	2 37	23 5	0 11	8 48	1 53	33 39	15 13	21 15	21 34	25 33		n.a.
F 19	5 54	14 6	1 52	12 32	0 50	19 52	0 28	26 3	2 47	12 24	1 9	14 26	2 37	23 5	0 11	8 48	1 53	33 39	15 13	21 15	21 35	25 34		n.a.
S 20	5 30	8 35	2 55	12 44	1 5	19 38	0 32	26 5	2 45	12 23	1 9	14 27	2 37	23 5	0 11	8 49	1 52	33 39	15 12	21 16	21 35	25 34		n.a.
S 21	5 6	2 47	3 49	12 51	1 18	19 23	0 35	26 7	2 44	12 22	1 9	14 29	2 37	23 5	0 11	8 50	1 52	33 39	15 12	21 17	21 36	25 35		n.a.
M22	4 42	3n 2	4 29	12 52	1 29	19 8	0 39	26 9	2 42	12 21	1 9	14 30	2 37	23 5	0 11	8 50	1 52	33 39	15 12	21 19	21 36	25 35		n.a.
T 23	4 18	8 36	4 54	12 49	1 39	18 52	0 42	26 11	2 41	12 19	1 9	14 32	2 37	23 5	0 11	8 51	1 52	33 39	15 12	21 21	21 37	25 36		n.a.
W24	3 54	13 42	5 5	12 41	1 47	18 36	0 45	26 12	2 40	12 18	1 9	14 33	2 37	23 5	0 11	8 52	1 52	33 39	15 12	21 23	21 37	25 36		n.a.
T 25	3 30	18 9	5 1	12 28	1 54	18 19	0 48	26 13	2 38	12 17	1 9	14 35	2 37	23 5	0 11	8 53	1 52	33 39	15 11	21 25	21 38	25 37		n.a.
F 26	3 6	21 46	4 43	12 12	1 59	18 1	0 51	26 14	2 37	12 15	1 9	14 36	2 37	23 5	0 11	8 53	1 52	33 39	15 11	21 26	21 39	25 38		n.a.
S 27	2 42	24 25	4 14	11 52	2 3	17 43	0 55	26 15	2 35	12 14	1 9	14 38	2 36	23 5	0 11	8 54	1 52	33 39	15 11	21 27	21 39	25 38		n.a.
S 28	2 18	25 59	3 33	11 29	2 6	17 24	0 57	26 15	2 34	12 12	1 9	14 39	2 36	23 5	0 11	8 55	1 52	33 39	15 11	21 28	21 40	25 39		n.a.
M29	1 53	26 22	2 44	11 3	2 8	17 5	1 0	26 15	2 32	12 10	1 9	14 40	2 36	23 5	0 11	8 56	1 52	33 39	15 10	21 28	21 40	25 39		n.a.
T 30	1n29	25n32	1n47	10n34	2n 9	16n46	1n 3	26s16	2s31	12n 9	1s 9	14s42	2s36	23n 5	0n11	8s56	1n52	33s39	15s10	21s28	21s41	25n40		n.a.

Julian Day Number = 1299437.5, Delta T = 07h51m45s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'22, Lahiri = -19°54'22 Julian Calendar 1 Sept. 1156 BCE == Greg. Calendar 21 Aug. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

OCTOBER 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 55 44	27♍20'03	16♋46	9♍41	18♌58	25♐56	4°R25	28°R14	14°R26	27♎20	6°R10	25♑ 7	23♑51	8♊12	n.a.	W 1
T 2	23 59 41	28°20'33	29° 4	11° 5	20°10	26°36	4♉20	28♒11	14♊26	27°22	6♒10	25°R 7	23°48	8°18	n.a.	T 2
F 3	0 3 38	29°21'06	11♌41	12°31	21°23	27°16	4°15	28° 7	14°26	27°24	6° 9	25° 6	23°45	8°25	n.a.	F 3
S 4	0 7 34	0♎21'41	24°41	13°59	22°35	27°56	4° 9	28° 3	14°26	27°26	6° 8	25° 2	23°42	8°32	n.a.	S 4
S 5	0 11 31	1°22'17	8♍ 5	15°29	23°48	28°36	4° 4	28° 0	14°25	27°28	6° 8	24°56	23°38	8°39	n.a.	S 5
M 6	0 15 27	2°22'55	21°54	17° 0	25° 0	29°16	3°58	27°56	14°25	27°30	6° 7	24°47	23°35	8°45	n.a.	M 6
T 7	0 19 24	3°23'35	6♎ 5	18°32	26°13	29°57	3°52	27°53	14°25	27°32	6° 6	24°36	23°32	8°52	n.a.	T 7
W 8	0 23 20	4°24'16	20°31	20° 5	27°26	0♑37	3°45	27°49	14°24	27°34	6° 6	24°25	23°29	8°59	n.a.	W 8
T 9	0 27 17	5°24'59	5♏ 6	21°38	28°39	1°18	3°39	27°46	14°24	27°36	6° 5	24°14	23°26	9° 5	n.a.	T 9
F 10	0 31 13	6°25'44	19°44	23°13	29°52	1°58	3°33	27°43	14°24	27°38	6° 5	24° 5	23°23	9°12	n.a.	F 10
S 11	0 35 10	7°26'30	4♐16	24°47	1♍ 5	2°39	3°26	27°40	14°23	27°40	6° 4	23°58	23°19	9°19	n.a.	S 11
S 12	0 39 6	8°27'17	18°39	26°22	2°18	3°20	3°19	27°37	14°22	27°43	6° 4	23°55	23°16	9°25	n.a.	S 12
M13	0 43 3	9°28'05	2♑49	27°57	3°31	4° 1	3°12	27°34	14°22	27°45	6° 3	23°53	23°13	9°32	n.a.	M13
T 14	0 47 0	10°28'55	16°45	29°32	4°44	4°42	3° 5	27°31	14°21	27°47	6° 3	23°53	23°10	9°39	n.a.	T 14
W15	0 50 56	11°29'45	0♒28	1♎ 7	5°58	5°23	2°58	27°28	14°20	27°49	6° 3	23°53	23° 7	9°45	n.a.	W15
T 16	0 54 53	12°30'37	13°58	2°42	7°11	6° 4	2°51	27°25	14°20	27°51	6° 2	23°52	23° 4	9°52	n.a.	T 16
F 17	0 58 49	13°31'30	27°16	4°17	8°25	6°45	2°44	27°23	14°19	27°54	6° 2	23°48	23° 0	9°59	n.a.	F 17
S 18	1 2 46	14°32'24	10♓24	5°52	9°38	7°26	2°37	27°20	14°18	27°56	6° 2	23°41	22°57	10° 5	n.a.	S 18
S 19	1 6 42	15°33'18	23°20	7°28	10°52	8° 7	2°29	27°18	14°17	27°58	6° 1	23°32	22°54	10°12	n.a.	S 19
M20	1 10 39	16°34'14	6♈ 6	9° 3	12° 5	8°48	2°21	27°16	14°16	28° 0	6° 1	23°19	22°51	10°19	n.a.	M20
T 21	1 14 35	17°35'12	18°41	10°37	13°19	9°29	2°14	27°13	14°15	28° 2	6° 1	23° 5	22°48	10°25	n.a.	T 21
W22	1 18 32	18°36'10	1♉ 4	12°12	14°33	10°11	2° 6	27°11	14°14	28° 5	6° 0	22°51	22°44	10°32	n.a.	W22
T 23	1 22 29	19°37'10	13°16	13°47	15°47	10°52	1°58	27° 9	14°13	28° 7	6° 0	22°37	22°41	10°39	n.a.	T 23
F 24	1 26 25	20°38'11	25°18	15°22	17° 1	11°33	1°50	27° 7	14°11	28° 9	6° 0	22°25	22°38	10°45	n.a.	F 24
S 25	1 30 22	21°39'13	7♊12	16°56	18°15	12°15	1°42	27° 6	14°10	28°11	6° 0	22°16	22°35	10°52	n.a.	S 25
S 26	1 34 18	22°40'17	19° 1	18°31	19°29	12°56	1°34	27° 4	14° 9	28°14	6° 0	22°10	22°32	10°59	n.a.	S 26
M27	1 38 15	23°41'21	0♋49	20° 5	20°43	13°38	1°26	27° 2	14° 7	28°16	6° 0	22° 6	22°29	11° 6	n.a.	M27
T 28	1 42 11	24°42'27	12°40	21°40	21°57	14°19	1°18	27° 1	14° 6	28°18	6° 0	22° 5	22°25	11°12	n.a.	T 28
W29	1 46 8	25°43'35	24°40	23°14	23°11	15° 1	1°10	27° 0	14° 5	28°20	6° 0	22° 5	22°22	11°19	n.a.	W29
T 30	1 50 5	26°44'43	6♌54	24°48	24°26	15°43	1° 2	26°58	14° 3	28°23	5°59	22° 5	22°19	11°26	n.a.	T 30
F 31	1 54 1	27♎45'53	19♌28	26♎23	25♍40	16♑24	0♉54	26♒57	14♊ 2	28♎25	5°D59	22♑ 3	22♑16	11♊32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	1n 5	23n30	0n44	10n 3	2n 9	16n26	1n 6	26s16	2s29	12n 7	1s 9	14s43	2s36	23n 5	0n11	8s57	1n52	33s39	15s10	21s28	21s41	25n40			n.a.
T 2	0 40	20 20	0s21	9 30	2 9	16 5	1 9	26 15	2 28	12 5	1 9	14 44	2 36	23 5	0 11	8 58	1 52	33 39	15 10	21 28	21 42	25 41			n.a.
F 3	0 16	16 10	1 27	8 55	2 7	15 44	1 11	26 15	2 27	12 3	1 10	14 45	2 36	23 5	0 11	8 59	1 52	33 39	15 9	21 28	21 42	25 41			n.a.
S 4	0s 9	11 9	2 31	8 19	2 5	15 22	1 14	26 14	2 25	12 1	1 10	14 47	2 36	23 5	0 11	8 59	1 52	33 39	15 9	21 29	21 43	25 42			n.a.
S 5	0 33	5 28	3 28	7 41	2 2	15 0	1 16	26 13	2 24	11 59	1 10	14 48	2 36	23 5	0 11	9 0	1 52	33 39	15 9	21 30	21 44	25 42			n.a.
M 6	0 58	0s37	4 14	7 2	1 59	14 38	1 18	26 12	2 22	11 57	1 10	14 49	2 35	23 5	0 11	9 1	1 52	33 39	15 9	21 31	21 44	25 43			n.a.
T 7	1 22	6 49	4 46	6 22	1 56	14 15	1 21	26 11	2 21	11 55	1 10	14 50	2 35	23 5	0 11	9 2	1 52	33 39	15 8	21 33	21 45	25 43			n.a.
W 8	1 47	12 46	5 1	5 42	1 51	13 51	1 23	26 9	2 19	11 53	1 10	14 51	2 35	23 5	0 11	9 3	1 52	33 38	15 8	21 35	21 45	25 44			n.a.
T 9	2 11	18 5	4 56	5 0	1 47	13 28	1 25	26 8	2 18	11 51	1 10	14 52	2 35	23 5	0 11	9 3	1 52	33 38	15 8	21 37	21 46	25 44			n.a.
F 10	2 36	22 19	4 32	4 18	1 42	13 3	1 27	26 6	2 17	11 49	1 10	14 53	2 35	23 5	0 11	9 4	1 52	33 38	15 7	21 39	21 46	25 44			n.a.
S 11	3 0	25 7	3 51	3 35	1 37	12 39	1 29	26 4	2 15	11 47	1 10	14 54	2 35	23 5	0 11	9 5	1 52	33 38	15 7	21 40	21 47	25 45			n.a.
S 12	3 24	26 15	2 55	2 52	1 32	12 14	1 30	26 1	2 14	11 44	1 10	14 55	2 35	23 5	0 11	9 6	1 52	33 38	15 7	21 41	21 47	25 45			n.a.
M13	3 49	25 37	1 49	2 9	1 26	11 48	1 32	25 59	2 12	11 42	1 10	14 56	2 34	23 5	0 11	9 7	1 52	33 38	15 7	21 41	21 48	25 46			n.a.
T 14	4 13	23 23	0 38	1 25	1 20	11 23	1 34	25 56	2 11	11 40	1 9	14 57	2 34	23 5	0 11	9 7	1 52	33 38	15 6	21 41	21 48	25 46			n.a.
W15	4 37	19 49	0n35	0 41	1 14	10 57	1 35	25 53	2 10	11 37	1 9	14 57	2 34	23 5	0 11	9 8	1 52	33 37	15 6	21 41	21 49	25 46			n.a.
T 16	5 1	15 15	1 44	0s 3	1 8	10 30	1 37	25 50	2 8	11 35	1 9	14 58	2 34	23 5	0 11	9 9	1 52	33 37	15 6	21 41	21 50	25 47			n.a.
F 17	5 25	10 1	2 47	0 47	1 2	10 4	1 38	25 46	2 7	11 32	1 9	14 59	2 34	23 5	0 11	9 10	1 52	33 37	15 5	21 42	21 50	25 47			n.a.
S 18	5 49	4 25	3 39	1 31	0 56	9 37	1 39	25 42	2 5	11 30	1 9	15 0	2 34	23 5	0 11	9 11	1 52	33 37	15 5	21 43	21 51	25 48			n.a.
S 19	6 13	1n17	4 20	2 15	0 49	9 9	1 41	25 38	2 4	11 27	1 9	15 0	2 33	23 5	0 11	9 11	1 52	33 37	15 5	21 45	21 51	25 48			n.a.
M20	6 37	6 50	4 46	2 59	0 43	8 42	1 42	25 34	2 3	11 25	1 9	15 1	2 33	23 5	0 11	9 12	1 52	33 36	15 4	21 47	21 52	25 48			n.a.
T 21	7 1	12 1	4 59	3 43	0 36	8 14	1 43	25 30	2 1	11 22	1 9	15 1	2 33	23 4	0 11	9 13	1 52	33 36	15 4	21 49	21 52	25 49			n.a.
W22	7 24	16 39	4 57	4 27	0 30	7 46	1 44	25 26	2 0	11 19	1 9	15 2	2 33	23 4	0 11	9 14	1 52	33 36	15 4	21 52	21 53	25 49			n.a.
T 23	7 48	20 32	4 41	5 10	0 23	7 18	1 44	25 21	1 58	11 17	1 9	15 3	2 33	23 4	0 11	9 15	1 52	33 36	15 3	21 54	21 53	25 49			n.a.
F 24	8 11	23 29	4 12	5 53	0 17	6 49	1 45	25 16	1 57	11 14	1 9	15 3	2 32	23 4	0 11	9 16	1 52	33 35	15 3	21 56	21 54	25 50			n.a.
S 25	8 34	25 22	3 33	6 36	0 10	6 20	1 46	25 11	1 56	11 11	1 9	15 3	2 32	23 4	0 11	9 16	1 51	33 35	15 3	21 58	21 54	25 50			n.a.
S 26	8 58	26 7	2 45	7 19	0 3	5 51	1 46	25 5	1 54	11 9	1 9	15 4	2 32	23 4	0 11	9 17	1 51	33 35	15 3	21 59	21 55	25 50			n.a.
M27	9 21	25 40	1 50	8 1	0s 3	5 22	1 47	25 0	1 53	11 6	1 9	15 4	2 32	23 4	0 11	9 18	1 51	33 35	15 2	21 59	21 55	25 51			n.a.
T 28	9 43	24 3	0 50	8 44	0 10	4 53	1 47	24 54	1 52	11 3	1 9	15 5	2 32	23 4	0 12	9 19	1 51	33 34	15 2	21 59	21 56	25 51			n.a.
W29	10 6	21 19	0s14	9 25	0 16	4 23	1 47	24 48	1 50	11 0	1 8	15 5	2 31	23 3	0 12	9 20	1 51	33 34	15 2	21 59	21 57	25 51			n.a.
T 30	10 29	17 36	1 18	10 7	0 22	3 54	1 48	24 42	1 49	10 58	1 8	15 5	2 31	23 3	0 12	9 20	1 51	33 34	15 1	21 59	21 57	25 52			n.a.
F 31	10s51	13n 1	2s20	10s47	0s29	3n24	1n48	24s35	1s47	10n55	1s 8	15s 5	2s31	23n 3	0n12	9s21	1n51	33s33	15s 1	22s 0	21s58	25n52			n.a.

Julian Day Number = 1299467.5, Delta T = 07h51m43s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'18, Lahiri = -19°54'18 Julian Calendar 1 Oct. 1156 BCE == Greg. Calendar 20 Sept. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

NOVEMBER 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 58	28♎47'03	2♍27	27♎57	26♍54	17♑ 6	0°R46	26°R56	14°R 0	28♎27	5♒59	22°R 0	22♑13	11♊39	n.a.	S 1
S 2	2 1 54	29°48'15	15°54	29°32	28° 9	17°48	0♉38	26♒55	13♊58	28°29	5°59	21♑53	22° 9	11°46	n.a.	S 2
M 3	2 5 51	0♏49'27	29°49	1♏ 6	29°23	18°29	0°29	26°54	13°57	28°32	6° 0	21°44	22° 6	11°52	n.a.	M 3
T 4	2 9 47	1°50'41	14♎12	2°41	0♎37	19°11	0°21	26°54	13°55	28°34	6° 0	21°33	22° 3	11°59	n.a.	T 4
W 5	2 13 44	2°51'55	28°57	4°15	1°52	19°53	0°13	26°53	13°53	28°36	6° 0	21°21	22° 0	12° 6	n.a.	W 5
T 6	2 17 40	3°53'10	13♏56	5°50	3° 6	20°35	0° 5	26°53	13°52	28°39	6° 0	21° 9	21°57	12°12	n.a.	T 6
F 7	2 21 37	4°54'26	28°59	7°25	4°21	21°17	29♈57	26°52	13°50	28°41	6° 0	21° 0	21°54	12°19	n.a.	F 7
S 8	2 25 34	5°55'42	13♐57	9° 0	5°36	21°59	29°49	26°52	13°48	28°43	6° 0	20°52	21°50	12°26	n.a.	S 8
S 9	2 29 30	6°56'58	28°41	10°35	6°50	22°41	29°41	26°52	13°46	28°45	6° 0	20°48	21°47	12°32	n.a.	S 9
M10	2 33 27	7°58'15	13♑ 6	12°10	8° 5	23°22	29°33	26°D52	13°44	28°48	6° 1	20°47	21°44	12°39	n.a.	M10
T 11	2 37 23	8°59'32	27°11	13°45	9°19	24° 4	29°25	26°52	13°42	28°50	6° 1	20°D46	21°41	12°46	n.a.	T 11
W12	2 41 20	10° 0'48	10♒54	15°21	10°34	24°46	29°17	26°52	13°40	28°52	6° 1	20°R47	21°38	12°52	n.a.	W12
T 13	2 45 16	11° 2'05	24°17	16°56	11°49	25°28	29° 9	26°53	13°38	28°54	6° 1	20°46	21°35	12°59	n.a.	T 13
F 14	2 49 13	12° 3'22	7♓23	18°32	13° 3	26°10	29° 1	26°53	13°36	28°56	6° 2	20°43	21°31	13° 6	n.a.	F 14
S 15	2 53 9	13° 4'39	20°15	20° 8	14°18	26°52	28°53	26°54	13°34	28°59	6° 2	20°38	21°28	13°12	n.a.	S 15
S 16	2 57 6	14° 5'56	2♈53	21°44	15°33	27°34	28°46	26°54	13°32	29° 1	6° 3	20°29	21°25	13°19	n.a.	S 16
M17	3 1 3	15° 7'12	15°21	23°21	16°48	28°16	28°38	26°55	13°29	29° 3	6° 3	20°19	21°22	13°26	n.a.	M17
T 18	3 4 59	16° 8'29	27°40	24°57	18° 3	28°58	28°31	26°56	13°27	29° 5	6° 3	20° 6	21°19	13°32	n.a.	T 18
W19	3 8 56	17° 9'46	9♉50	26°33	19°17	29°40	28°23	26°57	13°25	29° 7	6° 4	19°54	21°15	13°39	n.a.	W19
T 20	3 12 52	18°11'03	21°52	28°10	20°32	0♒23	28°16	26°58	13°23	29°10	6° 4	19°41	21°12	13°46	n.a.	T 20
F 21	3 16 49	19°12'20	3♊48	29°47	21°47	1° 5	28° 9	26°59	13°20	29°12	6° 5	19°31	21° 9	13°52	n.a.	F 21
S 22	3 20 45	20°13'38	15°39	1♐24	23° 2	1°47	28° 2	27° 0	13°18	29°14	6° 5	19°23	21° 6	13°59	n.a.	S 22
S 23	3 24 42	21°14'55	27°26	3° 0	24°17	2°29	27°55	27° 2	13°16	29°16	6° 6	19°18	21° 3	14° 6	n.a.	S 23
M24	3 28 39	22°16'12	9♋14	4°37	25°32	3°11	27°48	27° 3	13°13	29°18	6° 6	19°15	21° 0	14°12	n.a.	M24
T 25	3 32 35	23°17'30	21° 5	6°13	26°46	3°53	27°41	27° 5	13°11	29°20	6° 7	19°D14	20°56	14°19	n.a.	T 25
W26	3 36 32	24°18'47	3♌ 4	7°49	28° 1	4°35	27°35	27° 7	13° 9	29°22	6° 8	19°15	20°53	14°26	n.a.	W26
T 27	3 40 28	25°20'04	15°16	9°25	29°16	5°17	27°28	27° 9	13° 6	29°25	6° 8	19°16	20°50	14°32	n.a.	T 27
F 28	3 44 25	26°21'22	27°46	11° 0	0♏31	5°59	27°22	27°11	13° 4	29°27	6° 9	19°R17	20°47	14°39	n.a.	F 28
S 29	3 48 21	27°22'39	10♍39	12°34	1°46	6°41	27°16	27°13	13° 1	29°29	6°10	19°16	20°44	14°46	n.a.	S 29
S 30	3 52 18	28♏23'57	23♍58	14♐ 7	3♏ 1	7♒23	27♈10	27♒15	12♊59	29♎31	6♒10	19♑13	20♑41	14♊53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s13	7n44	3s16	11s28	0s35	2n54	1n48	24s28	1s46	10n52	1s 8	15s 5	2s31	23n 3	0n12	9s22	1n51	33s33	15s 1	22s 0	21s58	25n52		n.a.
S 2	11 35	1 55	4 4	12 8	0 41	2 24	1 48	24 22	1 45	10 49	1 8	15 6	2 31	23 3	0 12	9 23	1 51	33 33	15 0	22 1	21 59	25 53		n.a.
M 3	11 57	4s11	4 39	12 47	0 47	1 53	1 48	24 14	1 43	10 46	1 8	15 6	2 30	23 3	0 12	9 24	1 51	33 32	15 0	22 3	21 59	25 53		n.a.
T 4	12 19	10 15	4 58	13 26	0 53	1 23	1 47	24 7	1 42	10 44	1 8	15 6	2 30	23 2	0 12	9 25	1 51	33 32	15 0	22 5	22 0	25 53		n.a.
W 5	12 40	15 55	4 58	14 4	0 59	0 53	1 47	24 0	1 41	10 41	1 8	15 6	2 30	23 2	0 12	9 25	1 51	33 32	14 59	22 6	22 0	25 53		n.a.
T 6	13 1	20 41	4 38	14 42	1 5	0 22	1 47	23 52	1 40	10 38	1 7	15 6	2 30	23 2	0 12	9 26	1 51	33 31	14 59	22 8	22 1	25 54		n.a.
F 7	13 22	24 8	3 58	15 19	1 10	0s 8	1 46	23 44	1 38	10 35	1 7	15 6	2 29	23 2	0 12	9 27	1 51	33 31	14 59	22 10	22 1	25 54		n.a.
S 8	13 43	25 51	3 2	15 55	1 16	0 38	1 46	23 36	1 37	10 33	1 7	15 5	2 29	23 2	0 12	9 28	1 51	33 31	14 58	22 11	22 2	25 54		n.a.
S 9	14 3	25 44	1 54	16 31	1 21	1 9	1 45	23 28	1 36	10 30	1 7	15 5	2 29	23 1	0 12	9 29	1 51	33 30	14 58	22 12	22 2	25 54		n.a.
M10	14 24	23 51	0 41	17 6	1 26	1 39	1 45	23 19	1 34	10 27	1 7	15 5	2 29	23 1	0 12	9 29	1 51	33 30	14 58	22 12	22 3	25 54		n.a.
T 11	14 44	20 31	0n34	17 40	1 31	2 10	1 44	23 10	1 33	10 24	1 7	15 5	2 29	23 1	0 12	9 30	1 51	33 30	14 57	22 12	22 3	25 55		n.a.
W12	15 4	16 6	1 45	18 13	1 35	2 40	1 43	23 2	1 32	10 22	1 6	15 4	2 28	23 1	0 12	9 31	1 51	33 29	14 57	22 12	22 4	25 55		n.a.
T 13	15 23	11 0	2 48	18 46	1 40	3 11	1 42	22 53	1 30	10 19	1 6	15 4	2 28	23 0	0 12	9 32	1 51	33 29	14 57	22 12	22 4	25 55		n.a.
F 14	15 42	5 32	3 41	19 17	1 44	3 41	1 41	22 43	1 29	10 17	1 6	15 4	2 28	23 0	0 12	9 33	1 51	33 28	14 56	22 12	22 5	25 55		n.a.
S 15	16 1	0n 4	4 22	19 48	1 48	4 12	1 40	22 34	1 28	10 14	1 6	15 3	2 28	23 0	0 12	9 33	1 51	33 28	14 56	22 13	22 5	25 55		n.a.
S 16	16 20	5 34	4 49	20 17	1 51	4 42	1 39	22 24	1 27	10 11	1 6	15 3	2 27	23 0	0 12	9 34	1 51	33 28	14 56	22 15	22 6	25 56		n.a.
M17	16 38	10 46	5 1	20 46	1 55	5 12	1 38	22 14	1 25	10 9	1 5	15 2	2 27	22 59	0 12	9 35	1 52	33 27	14 55	22 16	22 6	25 56		n.a.
T 18	16 56	15 28	5 0	21 13	1 58	5 42	1 37	22 4	1 24	10 6	1 5	15 2	2 27	22 59	0 12	9 36	1 52	33 27	14 55	22 18	22 7	25 56		n.a.
W19	17 14	19 29	4 45	21 39	2 0	6 12	1 35	21 54	1 23	10 4	1 5	15 1	2 27	22 59	0 12	9 36	1 52	33 26	14 55	22 20	22 7	25 56		n.a.
T 20	17 32	22 40	4 17	22 4	2 3	6 42	1 34	21 44	1 22	10 1	1 5	15 1	2 26	22 59	0 12	9 37	1 52	33 26	14 54	22 22	22 8	25 56		n.a.
F 21	17 49	24 49	3 38	22 28	2 5	7 12	1 33	21 33	1 20	9 59	1 5	15 0	2 26	22 58	0 12	9 38	1 52	33 25	14 54	22 23	22 8	25 56		n.a.
S 22	18 6	25 51	2 50	22 50	2 6	7 41	1 31	21 23	1 19	9 57	1 4	14 59	2 26	22 58	0 12	9 39	1 52	33 25	14 54	22 24	22 9	25 56		n.a.
S 23	18 22	25 43	1 54	23 11	2 7	8 11	1 30	21 12	1 18	9 54	1 4	14 59	2 26	22 58	0 12	9 39	1 52	33 24	14 53	22 25	22 9	25 57		n.a.
M24	18 38	24 24	0 53	23 30	2 8	8 40	1 28	21 1	1 17	9 52	1 4	14 58	2 26	22 57	0 12	9 40	1 52	33 24	14 53	22 26	22 10	25 57		n.a.
T 25	18 54	21 59	0s10	23 48	2 8	9 9	1 26	20 49	1 16	9 50	1 4	14 57	2 25	22 57	0 12	9 41	1 52	33 24	14 53	22 26	22 10	25 57		n.a.
W26	19 10	18 36	1 14	24 4	2 8	9 38	1 25	20 38	1 14	9 48	1 3	14 56	2 25	22 57	0 12	9 42	1 52	33 23	14 53	22 26	22 11	25 57		n.a.
T 27	19 25	14 22	2 15	24 19	2 7	10 6	1 23	20 26	1 13	9 46	1 3	14 55	2 25	22 57	0 12	9 42	1 52	33 23	14 52	22 25	22 11	25 57		n.a.
F 28	19 39	9 27	3 12	24 32	2 5	10 35	1 21	20 15	1 12	9 44	1 3	14 55	2 25	22 56	0 12	9 43	1 52	33 22	14 52	22 25	22 12	25 57		n.a.
S 29	19 54	3 59	4 1	24 42	2 3	11 3	1 19	20 3	1 11	9 42	1 3	14 54	2 24	22 56	0 12	9 44	1 52	33 22	14 52	22 25	22 12	25 57		n.a.
S 30	20s 8	1s49	4s39	24s52	2s 0	11s31	1n17	19s51	1s10	9n40	1s 3	14s53	2s24	22n56	0n12	9s45	1n52	33s21	14s51	22s26	22s13	25n57		n.a.

Julian Day Number = 1299498.5, Delta T = 07h51m42s
Ecliptic obliquity = 23°50'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'14, Lahiri = -19°54'13 Julian Calendar 1 Nov. 1156 BCE == Greg. Calendar 21 Oct. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1156 BCE
geocentric

DECEMBER 1156 BCE (-1155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 56 14	29♏25'14	7♎47	15♐39	4♏16	8♒ 5	27°R 4	27♒17	12°R56	29♎33	6♒11	19°R 7	20♑37	14♊59	n.a.	M 1
T 2	4 0 11	0♐26'31	22° 6	17°10	5°31	8°47	26♈58	27°20	12♊54	29°35	6°12	19♑ 1	20°34	15° 6	n.a.	T 2
W 3	4 4 8	1°27'48	6♏52	18°38	6°46	9°29	26°52	27°22	12°51	29°37	6°13	18°53	20°31	15°13	n.a.	W 3
T 4	4 8 4	2°29'04	21°57	20° 5	8° 1	10°11	26°47	27°25	12°49	29°39	6°13	18°45	20°28	15°19	n.a.	T 4
F 5	4 12 1	3°30'21	7♐12	21°28	9°16	10°53	26°42	27°28	12°46	29°41	6°14	18°39	20°25	15°26	n.a.	F 5
S 6	4 15 57	4°31'36	22°27	22°49	10°31	11°35	26°37	27°30	12°43	29°43	6°15	18°34	20°21	15°33	n.a.	S 6
S 7	4 19 54	5°32'51	7♑31	24° 5	11°46	12°17	26°32	27°33	12°41	29°45	6°16	18°32	20°18	15°39	n.a.	S 7
M 8	4 23 50	6°34'05	22°16	25°17	13° 1	12°59	26°27	27°36	12°38	29°47	6°17	18°D31	20°15	15°46	n.a.	M 8
T 9	4 27 47	7°35'18	6♒37	26°24	14°16	13°41	26°23	27°40	12°36	29°48	6°18	18°32	20°12	15°53	n.a.	T 9
W10	4 31 44	8°36'30	20°32	27°25	15°31	14°23	26°18	27°43	12°33	29°50	6°19	18°34	20° 9	15°59	n.a.	W10
T 11	4 35 40	9°37'41	4♓ 2	28°18	16°46	15° 5	26°14	27°46	12°30	29°52	6°20	18°R35	20° 6	16° 6	n.a.	T 11
F 12	4 39 37	10°38'51	17° 9	29° 5	18° 1	15°47	26°10	27°50	12°28	29°54	6°21	18°35	20° 2	16°13	n.a.	F 12
S 13	4 43 33	11°40'00	29°55	29°42	19°16	16°29	26° 6	27°53	12°25	29°56	6°22	18°33	19°59	16°19	n.a.	S 13
S 14	4 47 30	12°41'07	12♈26	0♑10	20°31	17°11	26° 3	27°57	12°23	29°58	6°23	18°29	19°56	16°26	n.a.	S 14
M15	4 51 26	13°42'13	24°43	0°28	21°46	17°53	25°59	28° 0	12°20	29°59	6°24	18°24	19°53	16°33	n.a.	M15
T 16	4 55 23	14°43'18	6♉49	0°R35	23° 0	18°35	25°56	28° 4	12°17	0♏ 1	6°25	18°18	19°50	16°39	n.a.	T 16
W17	4 59 19	15°44'23	18°49	0°31	24°15	19°17	25°53	28° 8	12°15	0° 3	6°26	18°12	19°47	16°46	n.a.	W17
T 18	5 3 16	16°45'25	0♊43	0°15	25°30	19°59	25°50	28°12	12°12	0° 5	6°27	18° 6	19°43	16°53	n.a.	T 18
F 19	5 7 13	17°46'27	12°33	29♐48	26°45	20°41	25°48	28°16	12°10	0° 6	6°28	18° 1	19°40	16°59	n.a.	F 19
S 20	5 11 9	18°47'28	24°22	29°10	28° 0	21°22	25°45	28°20	12° 7	0° 8	6°29	17°57	19°37	17° 6	n.a.	S 20
S 21	5 15 6	19°48'28	6♋12	28°22	29°15	22° 4	25°43	28°25	12° 4	0°10	6°30	17°55	19°34	17°13	n.a.	S 21
M22	5 19 2	20°49'26	18° 3	27°25	0♐30	22°46	25°41	28°29	12° 2	0°11	6°31	17°D54	19°31	17°19	n.a.	M22
T 23	5 22 59	21°50'24	0♌ 0	26°20	1°45	23°28	25°39	28°33	11°59	0°13	6°33	17°55	19°27	17°26	n.a.	T 23
W24	5 26 55	22°51'20	12° 5	25°11	3° 0	24°10	25°38	28°38	11°57	0°14	6°34	17°56	19°24	17°33	n.a.	W24
T 25	5 30 52	23°52'15	24°20	23°58	4°15	24°51	25°36	28°43	11°54	0°16	6°35	17°58	19°21	17°39	n.a.	T 25
F 26	5 34 49	24°53'09	6♍52	22°44	5°30	25°33	25°35	28°47	11°52	0°17	6°36	18° 0	19°18	17°46	n.a.	F 26
S 27	5 38 45	25°54'02	19°42	21°31	6°44	26°15	25°34	28°52	11°49	0°19	6°37	18° 1	19°15	17°53	n.a.	S 27
S 28	5 42 42	26°54'54	2♎54	20°21	7°59	26°57	25°33	28°57	11°47	0°20	6°39	18°R 1	19°12	17°59	n.a.	S 28
M29	5 46 38	27°55'45	16°33	19°16	9°14	27°38	25°33	29° 2	11°44	0°22	6°40	18° 0	19° 8	18° 6	n.a.	M29
T 30	5 50 35	28°56'35	0♏38	18°16	10°29	28°20	25°32	29° 7	11°42	0°23	6°41	17°58	19° 5	18°13	n.a.	T 30
W31	5 54 31	29♐57'23	15♏ 8	17♐24	11♐44	29♒ 1	25°D32	29♒12	11♊39	0♏24	6♒42	17♑56	19♑ 2	18♊19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s21	7s45	5s 2	24s59	1s57	11s58	1n15	19s39	1s 8	9n38	1s 2	14s52	2s24	22n55	0n12	9s45	1n52	33s21	14s51	22s27	22s13	25n57			n.a.
T 2	20 35	13 29	5 7	25 4	1 52	12 26	1 13	19 26	1 7	9 36	1 2	14 51	2 24	22 55	0 12	9 46	1 52	33 20	14 51	22 28	22 14	25 57			n.a.
W 3	20 48	18 37	4 53	25 7	1 47	12 53	1 11	19 14	1 6	9 34	1 2	14 49	2 23	22 55	0 12	9 47	1 52	33 20	14 50	22 29	22 14	25 57			n.a.
T 4	21 0	22 42	4 18	25 8	1 41	13 19	1 9	19 1	1 5	9 32	1 1	14 48	2 23	22 54	0 12	9 47	1 52	33 19	14 50	22 30	22 15	25 57			n.a.
F 5	21 12	25 14	3 25	25 7	1 34	13 46	1 7	18 48	1 4	9 31	1 1	14 47	2 23	22 54	0 12	9 48	1 52	33 19	14 50	22 31	22 15	25 57			n.a.
S 6	21 24	25 53	2 16	25 4	1 26	14 12	1 5	18 36	1 3	9 29	1 1	14 46	2 23	22 54	0 12	9 49	1 52	33 18	14 50	22 31	22 16	25 58			n.a.
S 7	21 35	24 36	0 59	24 59	1 17	14 37	1 3	18 22	1 1	9 27	1 1	14 45	2 23	22 53	0 12	9 49	1 52	33 18	14 49	22 32	22 16	25 58			n.a.
M 8	21 46	21 38	0n20	24 52	1 7	15 3	1 0	18 9	1 0	9 26	1 0	14 43	2 22	22 53	0 12	9 50	1 52	33 17	14 49	22 32	22 17	25 58			n.a.
T 9	21 56	17 22	1 37	24 43	0 56	15 28	0 58	17 56	0 59	9 25	1 0	14 42	2 22	22 53	0 12	9 51	1 52	33 17	14 49	22 32	22 17	25 58			n.a.
W10	22 6	12 16	2 45	24 32	0 44	15 52	0 56	17 42	0 58	9 23	1 0	14 41	2 22	22 52	0 12	9 51	1 52	33 16	14 49	22 31	22 18	25 58			n.a.
T 11	22 16	6 45	3 42	24 20	0 31	16 16	0 53	17 29	0 57	9 22	1 0	14 39	2 22	22 52	0 12	9 52	1 52	33 16	14 48	22 31	22 18	25 58			n.a.
F 12	22 25	1 5	4 26	24 6	0 16	16 40	0 51	17 15	0 56	9 21	0 59	14 38	2 21	22 52	0 12	9 52	1 52	33 15	14 48	22 31	22 19	25 58			n.a.
S 13	22 33	4n28	4 55	23 51	0 1	17 3	0 49	17 1	0 55	9 20	0 59	14 37	2 21	22 51	0 12	9 53	1 52	33 15	14 48	22 31	22 19	25 58			n.a.
S 14	22 41	9 43	5 10	23 34	0n16	17 26	0 46	16 47	0 54	9 19	0 59	14 35	2 21	22 51	0 12	9 54	1 52	33 14	14 47	22 32	22 20	25 58			n.a.
M15	22 49	14 30	5 9	23 17	0 33	17 48	0 44	16 33	0 53	9 18	0 58	14 34	2 21	22 51	0 12	9 54	1 52	33 14	14 47	22 33	22 20	25 57			n.a.
T 16	22 56	18 39	4 55	22 59	0 51	18 10	0 41	16 19	0 51	9 17	0 58	14 32	2 21	22 50	0 12	9 55	1 52	33 13	14 47	22 33	22 20	25 57			n.a.
W17	23 3	22 0	4 28	22 40	1 10	18 31	0 39	16 5	0 50	9 16	0 58	14 30	2 20	22 50	0 12	9 55	1 52	33 13	14 47	22 34	22 21	25 57			n.a.
T 18	23 10	24 23	3 50	22 21	1 29	18 52	0 36	15 50	0 49	9 15	0 58	14 29	2 20	22 50	0 12	9 56	1 52	33 12	14 46	22 35	22 21	25 57			n.a.
F 19	23 16	25 41	3 2	22 2	1 48	19 12	0 34	15 36	0 48	9 14	0 57	14 27	2 20	22 49	0 12	9 57	1 52	33 11	14 46	22 36	22 22	25 57			n.a.
S 20	23 21	25 48	2 6	21 44	2 6	19 32	0 31	15 21	0 47	9 14	0 57	14 25	2 20	22 49	0 12	9 57	1 52	33 11	14 46	22 36	22 22	25 57			n.a.
S 21	23 26	24 45	1 4	21 25	2 24	19 51	0 29	15 6	0 46	9 13	0 57	14 24	2 20	22 49	0 12	9 58	1 52	33 10	14 46	22 37	22 23	25 57			n.a.
M22	23 31	22 35	0s 1	21 8	2 41	20 10	0 26	14 52	0 45	9 13	0 56	14 22	2 19	22 48	0 12	9 58	1 53	33 10	14 46	22 37	22 23	25 57			n.a.
T 23	23 35	19 24	1 6	20 51	2 56	20 28	0 24	14 37	0 44	9 12	0 56	14 20	2 19	22 48	0 12	9 59	1 53	33 9	14 45	22 37	22 24	25 57			n.a.
W24	23 38	15 23	2 9	20 36	3 9	20 45	0 21	14 22	0 43	9 12	0 56	14 18	2 19	22 48	0 12	9 59	1 53	33 9	14 45	22 36	22 24	25 57			n.a.
T 25	23 41	10 41	3 8	20 21	3 20	21 2	0 19	14 7	0 42	9 12	0 56	14 17	2 19	22 47	0 12	10 0	1 53	33 8	14 45	22 36	22 25	25 57			n.a.
F 26	23 44	5 27	3 58	20 9	3 29	21 19	0 16	13 51	0 41	9 12	0 55	14 15	2 19	22 47	0 12	10 0	1 53	33 8	14 45	22 36	22 25	25 57			n.a.
S 27	23 46	0s 7	4 38	19 58	3 36	21 34	0 13	13 36	0 40	9 12	0 55	14 13	2 18	22 47	0 12	10 1	1 53	33 7	14 45	22 36	22 26	25 57			n.a.
S 28	23 48	5 49	5 5	19 49	3 40	21 49	0 11	13 21	0 39	9 11	0 55	14 11	2 18	22 46	0 12	10 1	1 53	33 7	14 44	22 36	22 26	25 56			n.a.
M29	23 49	11 27	5 16	19 42	3 42	22 4	0 8	13 5	0 38	9 12	0 54	14 9	2 18	22 46	0 12	10 2	1 53	33 6	14 44	22 36	22 26	25 56			n.a.
T 30	23 50	16 40	5 8	19 38	3 42	22 17	0 6	12 50	0 37	9 12	0 54	14 7	2 18	22 46	0 12	10 2	1 53	33 6	14 44	22 36	22 27	25 56			n.a.
W31	23s50	21s 7	4s41	19s35	3n39	22s31	0n 3	12s34	0s36	9n12	0s54	14s 5	2s18	22n45	0n12	10s 2	1n53	33s 5	14s44	22s37	22s27	25n56			n.a.

Julian Day Number = 1299528.5, Delta T = 07h51m40s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'10, Lahiri = -19°54'09 Julian Calendar 1 Dec. 1156 BCE == Greg. Calendar 20 Nov. 1156 BCE

The year -1155 astronomical counting style corresponds to year 1156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

JANUARY 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 28	0♉58'11	0♐ 0	16°R39	12♐59	29♒43	25♈32	29♒17	11°R37	0♏26	6♒44	17°R53	18♉59	18♊26	n.a.	T 1
F 2	6 2 24	1°58'57	15° 7	16♐ 2	14°14	0♓25	25°32	29°23	11♊34	0°27	6°45	17♉51	18°56	18°33	n.a.	F 2
S 3	6 6 21	2°59'41	0♉20	15°33	15°28	1° 6	25°33	29°28	11°32	0°28	6°46	17°50	18°53	18°39	n.a.	S 3
S 4	6 10 18	4° 0'24	15°29	15°13	16°43	1°48	25°33	29°33	11°30	0°30	6°48	17°D49	18°49	18°46	n.a.	S 4
M 5	6 14 14	5° 1'06	0♒25	15° 0	17°58	2°29	25°34	29°39	11°27	0°31	6°49	17°50	18°46	18°53	n.a.	M 5
T 6	6 18 11	6° 1'45	14°59	14°D55	19°13	3°11	25°35	29°44	11°25	0°32	6°51	17°50	18°43	18°59	n.a.	T 6
W 7	6 22 7	7° 2'23	29° 9	14°57	20°28	3°52	25°36	29°50	11°23	0°33	6°52	17°51	18°40	19° 6	n.a.	W 7
T 8	6 26 4	8° 2'59	12♓51	15° 6	21°43	4°34	25°38	29°56	11°20	0°34	6°53	17°52	18°37	19°13	n.a.	T 8
F 9	6 30 0	9° 3'32	26° 6	15°22	22°57	5°15	25°40	0♓ 2	11°18	0°36	6°55	17°53	18°33	19°19	n.a.	F 9
S 10	6 33 57	10° 4'04	8♈58	15°43	24°12	5°57	25°41	0° 7	11°16	0°37	6°56	17°R53	18°30	19°26	n.a.	S 10
S 11	6 37 53	11° 4'33	21°29	16° 9	25°27	6°38	25°43	0°13	11°14	0°38	6°58	17°53	18°27	19°33	n.a.	S 11
M12	6 41 50	12° 5'01	3♉43	16°41	26°42	7°20	25°46	0°19	11°12	0°39	6°59	17°53	18°24	19°39	n.a.	M12
T 13	6 45 47	13° 5'27	15°45	17°18	27°56	8° 1	25°48	0°25	11° 9	0°40	7° 0	17°52	18°21	19°46	n.a.	T 13
W14	6 49 43	14° 5'50	27°39	17°58	29°11	8°42	25°51	0°31	11° 7	0°41	7° 2	17°51	18°18	19°53	n.a.	W14
T 15	6 53 40	15° 6'12	9♊28	18°43	0♉26	9°24	25°53	0°38	11° 5	0°42	7° 3	17°51	18°14	19°59	n.a.	T 15
F 16	6 57 36	16° 6'31	21°16	19°31	1°40	10° 5	25°56	0°44	11° 3	0°42	7° 5	17°51	18°11	20° 6	n.a.	F 16
S 17	7 1 33	17° 6'49	3♋ 6	20°23	2°55	10°46	26° 0	0°50	11° 1	0°43	7° 6	17°51	18° 8	20°13	n.a.	S 17
S 18	7 5 29	18° 7'04	15° 0	21°18	4°10	11°27	26° 3	0°56	10°59	0°44	7° 8	17°51	18° 5	20°19	n.a.	S 18
M19	7 9 26	19° 7'18	26°59	22°16	5°24	12° 8	26° 6	1° 3	10°57	0°45	7° 9	17°51	18° 2	20°26	n.a.	M19
T 20	7 13 22	20° 7'29	9♌ 7	23°16	6°39	12°50	26°10	1° 9	10°56	0°46	7°11	17°50	17°59	20°33	n.a.	T 20
W21	7 17 19	21° 7'39	21°24	24°19	7°54	13°31	26°14	1°16	10°54	0°46	7°12	17°50	17°55	20°39	n.a.	W21
T 22	7 21 16	22° 7'47	3♍53	25°25	9° 8	14°12	26°18	1°22	10°52	0°47	7°14	17°50	17°52	20°46	n.a.	T 22
F 23	7 25 12	23° 7'53	16°35	26°33	10°23	14°53	26°22	1°29	10°50	0°48	7°15	17°49	17°49	20°53	n.a.	F 23
S 24	7 29 9	24° 7'57	29°33	27°42	11°37	15°34	26°27	1°36	10°49	0°48	7°17	17°48	17°46	20°59	n.a.	S 24
S 25	7 33 5	25° 7'59	12♎47	28°54	12°52	16°15	26°31	1°42	10°47	0°49	7°18	17°48	17°43	21° 6	n.a.	S 25
M26	7 37 2	26° 8'00	26°21	0♉ 8	14° 7	16°56	26°36	1°49	10°45	0°50	7°20	17°D48	17°39	21°13	n.a.	M26
T 27	7 40 58	27° 7'59	10♏14	1°23	15°21	17°37	26°41	1°56	10°44	0°50	7°22	17°48	17°36	21°19	n.a.	T 27
W28	7 44 55	28° 7'56	24°27	2°40	16°36	18°18	26°46	2° 3	10°42	0°51	7°23	17°49	17°33	21°26	n.a.	W28
T 29	7 48 51	29° 7'52	8♐58	3°59	17°50	18°59	26°52	2°10	10°41	0°51	7°25	17°49	17°30	21°33	n.a.	T 29
F 30	7 52 48	0♒ 7'46	23°43	5°19	19° 5	19°40	26°57	2°16	10°39	0°52	7°26	17°50	17°27	21°39	n.a.	F 30
S 31	7 56 45	1♒ 7'37	8♉37	6♉41	20♉19	20♓20	27♈ 3	2♓23	10♊38	0♏52	7♒28	17♉51	17♉24	21♊46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s50	24s18	3s55	19s35	3n35	22s43	0n 1	12s18	0s35	9n12	0s54	14s 3	2s18	22n45	0n12	10s 3	1n53	33s 4	14s44	22s37	22s28	25n56			n.a.
F 2	23 49	25 49	2 51	19 37	3 30	22 55	0s 2	12 2	0 34	9 12	0 53	14 1	2 17	22 45	0 12	10 3	1 53	33 4	14 43	22 37	22 28	25 56			n.a.
S 3	23 48	25 25	1 35	19 41	3 23	23 6	0 4	11 46	0 33	9 13	0 53	13 59	2 17	22 44	0 12	10 4	1 53	33 3	14 43	22 37	22 29	25 55			n.a.
S 4	23 46	23 8	0 13	19 46	3 15	23 16	0 7	11 30	0 32	9 13	0 53	13 57	2 17	22 44	0 12	10 4	1 53	33 3	14 43	22 37	22 29	25 55			n.a.
M 5	23 44	19 16	1n 9	19 54	3 6	23 26	0 9	11 14	0 31	9 14	0 52	13 55	2 17	22 44	0 12	10 5	1 53	33 2	14 43	22 37	22 30	25 55			n.a.
T 6	23 42	14 18	2 25	20 3	2 56	23 35	0 12	10 58	0 30	9 15	0 52	13 53	2 17	22 43	0 12	10 5	1 53	33 2	14 43	22 37	22 30	25 55			n.a.
W 7	23 39	8 41	3 30	20 13	2 46	23 43	0 14	10 42	0 29	9 15	0 52	13 50	2 17	22 43	0 12	10 5	1 53	33 1	14 43	22 37	22 31	25 55			n.a.
T 8	23 35	2 51	4 20	20 25	2 35	23 51	0 17	10 26	0 28	9 16	0 52	13 48	2 16	22 43	0 12	10 6	1 53	33 1	14 42	22 37	22 31	25 55			n.a.
F 9	23 31	2n56	4 55	20 38	2 24	23 58	0 19	10 10	0 27	9 17	0 51	13 46	2 16	22 43	0 12	10 6	1 53	33 0	14 42	22 37	22 31	25 54			n.a.
S 10	23 27	8 24	5 14	20 51	2 13	24 4	0 22	9 53	0 26	9 18	0 51	13 44	2 16	22 42	0 12	10 6	1 53	33 0	14 42	22 37	22 32	25 54			n.a.
S 11	23 22	13 23	5 17	21 5	2 2	24 9	0 24	9 37	0 26	9 19	0 51	13 42	2 16	22 42	0 12	10 7	1 54	32 59	14 42	22 37	22 32	25 54			n.a.
M12	23 16	17 44	5 6	21 19	1 51	24 14	0 26	9 20	0 25	9 20	0 50	13 39	2 16	22 42	0 12	10 7	1 54	32 59	14 42	22 37	22 33	25 54			n.a.
T 13	23 11	21 17	4 41	21 34	1 39	24 18	0 29	9 4	0 24	9 21	0 50	13 37	2 16	22 41	0 12	10 7	1 54	32 58	14 42	22 37	22 33	25 53			n.a.
W14	23 4	23 55	4 4	21 49	1 28	24 21	0 31	8 47	0 23	9 22	0 50	13 35	2 16	22 41	0 12	10 8	1 54	32 58	14 42	22 37	22 34	25 53			n.a.
T 15	22 58	25 29	3 18	22 4	1 17	24 23	0 33	8 31	0 22	9 24	0 50	13 32	2 15	22 41	0 12	10 8	1 54	32 57	14 42	22 37	22 34	25 53			n.a.
F 16	22 51	25 55	2 22	22 19	1 6	24 25	0 35	8 14	0 21	9 25	0 49	13 30	2 15	22 40	0 12	10 8	1 54	32 57	14 41	22 37	22 34	25 53			n.a.
S 17	22 43	25 9	1 21	22 34	0 55	24 25	0 37	7 58	0 20	9 26	0 49	13 27	2 15	22 40	0 12	10 8	1 54	32 56	14 41	22 37	22 35	25 52			n.a.
S 18	22 35	23 14	0 16	22 48	0 45	24 26	0 40	7 41	0 19	9 28	0 49	13 25	2 15	22 40	0 12	10 9	1 54	32 56	14 41	22 37	22 35	25 52			n.a.
M19	22 27	20 17	0s51	23 2	0 34	24 25	0 42	7 24	0 18	9 29	0 48	13 23	2 15	22 40	0 12	10 9	1 54	32 55	14 41	22 37	22 36	25 52			n.a.
T 20	22 18	16 25	1 56	23 15	0 24	24 24	0 44	7 7	0 18	9 31	0 48	13 20	2 15	22 39	0 12	10 9	1 54	32 55	14 41	22 37	22 36	25 52			n.a.
W21	22 9	11 50	2 56	23 28	0 14	24 21	0 46	6 51	0 17	9 33	0 48	13 18	2 15	22 39	0 12	10 9	1 54	32 54	14 41	22 37	22 37	25 51			n.a.
T 22	21 59	6 42	3 49	23 40	0 5	24 18	0 48	6 34	0 16	9 35	0 48	13 15	2 15	22 39	0 12	10 9	1 54	32 54	14 41	22 37	22 37	25 51			n.a.
F 23	21 49	1 13	4 32	23 52	0s 5	24 15	0 50	6 17	0 15	9 36	0 47	13 13	2 14	22 39	0 12	10 10	1 54	32 53	14 41	22 37	22 37	25 51			n.a.
S 24	21 38	4s25	5 2	24 3	0 14	24 10	0 52	6 0	0 14	9 38	0 47	13 10	2 14	22 38	0 12	10 10	1 54	32 53	14 41	22 38	22 38	25 50			n.a.
S 25	21 27	9 58	5 16	24 12	0 23	24 5	0 54	5 43	0 13	9 40	0 47	13 8	2 14	22 38	0 12	10 10	1 54	32 52	14 41	22 38	22 38	25 50			n.a.
M26	21 16	15 11	5 14	24 21	0 31	23 59	0 55	5 26	0 12	9 42	0 47	13 5	2 14	22 38	0 12	10 10	1 54	32 52	14 41	22 38	22 39	25 50			n.a.
T 27	21 5	19 46	4 54	24 29	0 39	23 53	0 57	5 9	0 12	9 44	0 46	13 2	2 14	22 38	0 12	10 10	1 54	32 51	14 41	22 38	22 39	25 49			n.a.
W28	20 53	23 18	4 15	24 35	0 47	23 45	0 59	4 52	0 11	9 46	0 46	13 0	2 14	22 37	0 12	10 10	1 55	32 51	14 41	22 38	22 40	25 49			n.a.
T 29	20 40	25 26	3 19	24 41	0 55	23 37	1 1	4 35	0 10	9 49	0 46	12 57	2 14	22 37	0 12	10 10	1 55	32 50	14 41	22 37	22 40	25 49			n.a.
F 30	20 27	25 51	2 10	24 45	1 2	23 29	1 2	4 18	0 9	9 51	0 46	12 55	2 14	22 37	0 12	10 10	1 55	32 50	14 41	22 37	22 40	25 48			n.a.
S 31	20s14	24s24	0s51	24s48	1s 9	23s19	1s 4	4s 1	0s 8	9n53	0s45	12s52	2s14	22n37	0n12	10s11	1n55	32s49	14s41	22s37	22s41	25n48			n.a.

Julian Day Number = 1299559.5, Delta T = 07h51m38s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'06, Lahiri = -19°54'05 Julian Calendar 1 Jan. 1155 BCE == Greg. Calendar 21 Dec. 1156 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

FEBRUARY 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 41	2♒ 7'27	23♉31	8♉ 4	21♉34	21♓ 1	27♈ 9	2♓30	10°R36	0♏52	7♒29	17°R51	17♉20	21♊53	n.a.	S 1
M 2	8 4 38	3° 7'15	8♒19	9°29	22°49	21°42	27°14	2°38	10♊35	0°53	7°31	17♉50	17°17	21°59	n.a.	M 2
T 3	8 8 34	4° 7'00	22°53	10°55	24° 3	22°23	27°21	2°45	10°34	0°53	7°32	17°49	17°14	22° 6	n.a.	T 3
W 4	8 12 31	5° 6'44	7♓ 7	12°23	25°18	23° 4	27°27	2°52	10°33	0°53	7°34	17°47	17°11	22°13	n.a.	W 4
T 5	8 16 27	6° 6'24	20°56	13°52	26°32	23°44	27°33	2°59	10°32	0°54	7°36	17°44	17° 8	22°19	n.a.	T 5
F 6	8 20 24	7° 6'03	4♈19	15°22	27°46	24°25	27°40	3° 6	10°30	0°54	7°37	17°42	17° 5	22°26	n.a.	F 6
S 7	8 24 20	8° 5'39	17°17	16°53	29° 1	25° 6	27°47	3°13	10°29	0°54	7°39	17°40	17° 1	22°32	n.a.	S 7
S 8	8 28 17	9° 5'12	29°52	18°26	0♒15	25°46	27°54	3°21	10°28	0°54	7°40	17°38	16°58	22°39	n.a.	S 8
M 9	8 32 13	10° 4'44	12♉ 9	20° 0	1°30	26°27	28° 1	3°28	10°27	0°54	7°42	17°D38	16°55	22°46	n.a.	M 9
T 10	8 36 10	11° 4'12	24°11	21°35	2°44	27° 7	28° 8	3°35	10°26	0°54	7°43	17°39	16°52	22°52	n.a.	T 10
W11	8 40 7	12° 3'39	6♊ 4	23°12	3°59	27°48	28°15	3°43	10°26	0°R54	7°45	17°40	16°49	22°59	n.a.	W11
T 12	8 44 3	13° 3'03	17°53	24°50	5°13	28°29	28°23	3°50	10°25	0°54	7°47	17°42	16°45	23° 6	n.a.	T 12
F 13	8 48 0	14° 2'24	29°41	26°29	6°27	29° 9	28°30	3°58	10°24	0°54	7°48	17°44	16°42	23°12	n.a.	F 13
S 14	8 51 56	15° 1'43	11♋33	28° 9	7°42	29°50	28°38	4° 5	10°23	0°54	7°50	17°45	16°39	23°19	n.a.	S 14
S 15	8 55 53	16° 1'00	23°33	29°51	8°56	0♈30	28°46	4°13	10°23	0°54	7°51	17°R45	16°36	23°26	n.a.	S 15
M16	8 59 49	17° 0'15	5♌42	1♒34	10°10	1°10	28°54	4°20	10°22	0°54	7°53	17°43	16°33	23°32	n.a.	M16
T 17	9 3 46	17°59'27	18° 4	3°19	11°25	1°51	29° 2	4°28	10°21	0°54	7°54	17°40	16°30	23°39	n.a.	T 17
W18	9 7 42	18°58'37	0♍39	5° 5	12°39	2°31	29°10	4°35	10°21	0°53	7°56	17°36	16°26	23°46	n.a.	W18
T 19	9 11 39	19°57'45	13°27	6°52	13°53	3°11	29°19	4°43	10°21	0°53	7°57	17°31	16°23	23°52	n.a.	T 19
F 20	9 15 36	20°56'51	26°30	8°40	15° 8	3°52	29°27	4°50	10°20	0°53	7°59	17°25	16°20	23°59	n.a.	F 20
S 21	9 19 32	21°55'54	9♎45	10°30	16°22	4°32	29°36	4°58	10°20	0°53	8° 0	17°20	16°17	24° 6	n.a.	S 21
S 22	9 23 29	22°54'56	23°13	12°21	17°36	5°12	29°45	5° 5	10°19	0°52	8° 2	17°16	16°14	24°12	n.a.	S 22
M23	9 27 25	23°53'56	6♏54	14°14	18°50	5°52	29°54	5°13	10°19	0°52	8° 4	17°13	16°10	24°19	n.a.	M23
T 24	9 31 22	24°52'54	20°46	16° 8	20° 5	6°32	0♉ 3	5°21	10°19	0°52	8° 5	17°D12	16° 7	24°26	n.a.	T 24
W25	9 35 18	25°51'50	4♐50	18° 4	21°19	7°13	0°12	5°28	10°19	0°51	8° 7	17°12	16° 4	24°32	n.a.	W25
T 26	9 39 15	26°50'45	19° 4	20° 0	22°33	7°53	0°21	5°36	10°19	0°51	8° 8	17°13	16° 1	24°39	n.a.	T 26
F 27	9 43 11	27°49'38	3♑26	21°58	23°47	8°33	0°31	5°44	10°D19	0°50	8°10	17°14	15°58	24°46	n.a.	F 27
S 28	9 47 8	28♒48'28	17♑53	23♒58	25♒ 2	9♈13	0♉40	5♓51	10♊19	0♏50	8♒11	17°R15	15♑55	24♊52	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20s 1	21s14	0n31	24s50	1s15	23s 9	1s 5	3s44	0s 8	9n55	0s45	12s49	2s14	22n37	0n13	10s11	1n55	32s49	14s41	22s37	22s41	25n48			n.a.
M 2	19 47	16 42	1 51	24 51	1 22	22 58	1 7	3 27	0 7	9 58	0 45	12 47	2 13	22 36	0 13	10 11	1 55	32 48	14 41	22 37	22 42	25 47			n.a.
T 3	19 33	11 15	3 2	24 50	1 28	22 46	1 8	3 10	0 6	10 0	0 45	12 44	2 13	22 36	0 13	10 11	1 55	32 48	14 41	22 37	22 42	25 47			n.a.
W 4	19 18	5 20	4 0	24 47	1 33	22 34	1 10	2 53	0 5	10 3	0 44	12 41	2 13	22 36	0 13	10 11	1 55	32 48	14 41	22 38	22 42	25 46			n.a.
T 5	19 3	0n39	4 42	24 44	1 38	22 21	1 11	2 36	0 4	10 5	0 44	12 39	2 13	22 36	0 13	10 11	1 55	32 47	14 41	22 38	22 43	25 46			n.a.
F 6	18 48	6 26	5 7	24 38	1 43	22 8	1 12	2 19	0 4	10 8	0 44	12 36	2 13	22 36	0 13	10 11	1 55	32 47	14 41	22 38	22 43	25 46			n.a.
S 7	18 33	11 44	5 16	24 31	1 47	21 53	1 13	2 1	0 3	10 11	0 44	12 33	2 13	22 36	0 13	10 11	1 55	32 46	14 41	22 39	22 44	25 45			n.a.
S 8	18 17	16 24	5 9	24 23	1 51	21 39	1 15	1 44	0 2	10 13	0 43	12 30	2 13	22 35	0 13	10 11	1 55	32 46	14 41	22 39	22 44	25 45			n.a.
M 9	18 1	20 17	4 47	24 13	1 55	21 23	1 16	1 27	0 1	10 16	0 43	12 28	2 13	22 35	0 13	10 11	1 55	32 45	14 41	22 39	22 45	25 44			n.a.
T 10	17 44	23 13	4 14	24 1	1 58	21 7	1 17	1 10	0 1	10 19	0 43	12 25	2 13	22 35	0 13	10 11	1 55	32 45	14 41	22 39	22 45	25 44			n.a.
W11	17 27	25 7	3 30	23 47	2 1	20 50	1 18	0 53	0n 0	10 22	0 43	12 22	2 13	22 35	0 13	10 11	1 55	32 45	14 41	22 39	22 45	25 43			n.a.
T 12	17 10	25 53	2 37	23 32	2 4	20 33	1 19	0 36	0 1	10 25	0 42	12 19	2 13	22 35	0 13	10 11	1 55	32 44	14 41	22 38	22 46	25 43			n.a.
F 13	16 53	25 28	1 38	23 15	2 5	20 15	1 20	0 19	0 2	10 28	0 42	12 16	2 13	22 35	0 13	10 11	1 55	32 44	14 41	22 38	22 46	25 43			n.a.
S 14	16 36	23 53	0 34	22 56	2 7	19 56	1 20	0 2	0 2	10 31	0 42	12 14	2 13	22 35	0 13	10 11	1 56	32 43	14 41	22 38	22 47	25 42			n.a.
S 15	16 18	21 13	0s32	22 36	2 8	19 37	1 21	0n15	0 3	10 34	0 42	12 11	2 13	22 35	0 13	10 10	1 56	32 43	14 41	22 38	22 47	25 42			n.a.
M16	16 0	17 35	1 37	22 14	2 9	19 18	1 22	0 32	0 4	10 37	0 41	12 8	2 13	22 35	0 13	10 10	1 56	32 43	14 41	22 38	22 47	25 41			n.a.
T 17	15 41	13 9	2 39	21 49	2 9	18 57	1 22	0 49	0 4	10 40	0 41	12 5	2 13	22 34	0 13	10 10	1 56	32 42	14 41	22 39	22 48	25 41			n.a.
W18	15 23	8 6	3 33	21 23	2 8	18 37	1 23	1 6	0 5	10 43	0 41	12 2	2 13	22 34	0 13	10 10	1 56	32 42	14 41	22 39	22 48	25 40			n.a.
T 19	15 4	2 38	4 19	20 55	2 8	18 16	1 23	1 23	0 6	10 47	0 41	11 59	2 13	22 34	0 13	10 10	1 56	32 42	14 41	22 40	22 49	25 40			n.a.
F 20	14 45	3s 1	4 51	20 25	2 6	17 54	1 24	1 39	0 7	10 50	0 41	11 57	2 13	22 34	0 13	10 10	1 56	32 41	14 41	22 41	22 49	25 39			n.a.
S 21	14 26	8 38	5 9	19 53	2 4	17 32	1 24	1 56	0 7	10 53	0 40	11 54	2 12	22 34	0 13	10 10	1 56	32 41	14 42	22 41	22 49	25 39			n.a.
S 22	14 6	13 57	5 10	19 19	2 2	17 9	1 25	2 13	0 8	10 56	0 40	11 51	2 12	22 34	0 13	10 9	1 56	32 41	14 42	22 42	22 50	25 38			n.a.
M23	13 46	18 39	4 53	18 43	1 59	16 46	1 25	2 30	0 9	11 0	0 40	11 48	2 12	22 34	0 12	10 9	1 56	32 40	14 42	22 42	22 50	25 38			n.a.
T 24	13 26	22 24	4 20	18 6	1 56	16 22	1 25	2 47	0 9	11 3	0 40	11 45	2 12	22 34	0 12	10 9	1 56	32 40	14 42	22 42	22 50	25 37			n.a.
W25	13 6	24 54	3 30	17 26	1 52	15 58	1 25	3 3	0 10	11 7	0 39	11 42	2 12	22 34	0 12	10 9	1 56	32 40	14 42	22 42	22 51	25 37			n.a.
T 26	12 46	25 49	2 27	16 45	1 47	15 34	1 25	3 20	0 11	11 10	0 39	11 39	2 12	22 34	0 12	10 9	1 56	32 39	14 42	22 42	22 51	25 36			n.a.
F 27	12 25	25 2	1 14	16 1	1 42	15 9	1 25	3 37	0 11	11 14	0 39	11 36	2 12	22 34	0 12	10 8	1 56	32 39	14 42	22 42	22 52	25 35			n.a.
S 28	12s 5	22s33	0n 3	15s16	1s36	14s43	1s25	3n53	0n12	11n17	0s39	11s33	2s12	22n34	0n12	10s 8	1n56	32s39	14s42	22s42	22s52	25n35			n.a.

Julian Day Number = 1299590.5, Delta T = 07h51m37s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°01'01, Lahiri = -19°54'01 Julian Calendar 1 Feb. 1155 BCE == Greg. Calendar 21 Jan. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

MARCH 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 4	29♒47'17	2♒23	25♒59	26♒16	9♈53	0♉50	5♓59	10♊19	0°R49	8♒13	17°R14	15♑51	24♊59	n.a.	S 1
M 2	9 55 1	0♓46'04	16°49	28° 0	27°30	10°33	0°59	6° 7	10°19	0♏49	8°14	17♑11	15°48	25° 6	n.a.	M 2
T 3	9 58 58	1°44'48	1♓ 6	0♓ 3	28°44	11°13	1° 9	6°15	10°19	0°48	8°15	17° 6	15°45	25°12	n.a.	T 3
W 4	10 2 54	2°43'31	15° 8	2° 7	29°58	11°53	1°19	6°22	10°19	0°47	8°17	16°59	15°42	25°19	n.a.	W 4
T 5	10 6 51	3°42'11	28°52	4°12	1♓12	12°33	1°29	6°30	10°20	0°47	8°18	16°51	15°39	25°26	n.a.	T 5
F 6	10 10 47	4°40'49	12♈14	6°18	2°27	13°13	1°39	6°38	10°20	0°46	8°20	16°44	15°36	25°32	n.a.	F 6
S 7	10 14 44	5°39'25	25°13	8°24	3°41	13°52	1°50	6°46	10°21	0°45	8°21	16°36	15°32	25°39	n.a.	S 7
S 8	10 18 40	6°37'59	7♉50	10°30	4°55	14°32	2° 0	6°53	10°21	0°45	8°23	16°31	15°29	25°46	n.a.	S 8
M 9	10 22 37	7°36'30	20° 9	12°37	6° 9	15°12	2°10	7° 1	10°22	0°44	8°24	16°27	15°26	25°52	n.a.	M 9
T 10	10 26 33	8°34'59	2♊13	14°43	7°23	15°52	2°21	7° 9	10°22	0°43	8°25	16°25	15°23	25°59	n.a.	T 10
W11	10 30 30	9°33'26	14° 6	16°49	8°37	16°32	2°31	7°17	10°23	0°42	8°27	16°D25	15°20	26° 5	n.a.	W11
T 12	10 34 27	10°31'51	25°55	18°54	9°51	17°11	2°42	7°24	10°23	0°41	8°28	16°26	15°16	26°12	n.a.	T 12
F 13	10 38 23	11°30'13	7♋45	20°58	11° 5	17°51	2°53	7°32	10°24	0°40	8°30	16°27	15°13	26°19	n.a.	F 13
S 14	10 42 20	12°28'33	19°39	23° 1	12°19	18°31	3° 4	7°40	10°25	0°39	8°31	16°R27	15°10	26°25	n.a.	S 14
S 15	10 46 16	13°26'51	1♌44	25° 2	13°33	19°10	3°15	7°48	10°26	0°38	8°32	16°26	15° 7	26°32	n.a.	S 15
M16	10 50 13	14°25'07	14° 3	27° 1	14°47	19°50	3°26	7°55	10°27	0°38	8°34	16°22	15° 4	26°39	n.a.	M16
T 17	10 54 9	15°23'20	26°38	28°57	16° 1	20°30	3°37	8° 3	10°28	0°37	8°35	16°17	15° 1	26°45	n.a.	T 17
W18	10 58 6	16°21'32	9♍30	0♈51	17°15	21° 9	3°48	8°11	10°29	0°35	8°36	16° 8	14°57	26°52	n.a.	W18
T 19	11 2 2	17°19'42	22°40	2°42	18°29	21°49	4° 0	8°18	10°30	0°34	8°37	15°59	14°54	26°59	n.a.	T 19
F 20	11 5 59	18°17'49	6♎ 7	4°30	19°43	22°28	4°11	8°26	10°31	0°33	8°39	15°48	14°51	27° 5	n.a.	F 20
S 21	11 9 55	19°15'55	19°47	6°14	20°57	23° 8	4°22	8°34	10°32	0°32	8°40	15°38	14°48	27°12	n.a.	S 21
S 22	11 13 52	20°14'00	3♏38	7°55	22°11	23°47	4°34	8°41	10°33	0°31	8°41	15°30	14°45	27°19	n.a.	S 22
M23	11 17 49	21°12'03	17°37	9°33	23°25	24°27	4°46	8°49	10°34	0°30	8°42	15°23	14°42	27°25	n.a.	M23
T 24	11 21 45	22°10'04	1♐40	11° 6	24°39	25° 6	4°57	8°57	10°35	0°29	8°44	15°19	14°38	27°32	n.a.	T 24
W25	11 25 42	23° 8'04	15°46	12°35	25°53	25°45	5° 9	9° 4	10°37	0°28	8°45	15°18	14°35	27°39	n.a.	W25
T 26	11 29 38	24° 6'02	29°54	14° 1	27° 6	26°25	5°21	9°12	10°38	0°26	8°46	15°D18	14°32	27°45	n.a.	T 26
F 27	11 33 35	25° 3'59	14♑ 2	15°22	28°20	27° 4	5°33	9°19	10°40	0°25	8°47	15°R18	14°29	27°52	n.a.	F 27
S 28	11 37 31	26° 1'55	28° 9	16°39	29°34	27°44	5°45	9°27	10°41	0°24	8°48	15°17	14°26	27°59	n.a.	S 28
S 29	11 41 28	26°59'49	12♒14	17°52	0♈48	28°23	5°57	9°34	10°43	0°23	8°49	15°15	14°22	28° 5	n.a.	S 29
M30	11 45 24	27°57'42	26°13	19° 0	2° 2	29° 2	6° 9	9°42	10°44	0°21	8°51	15°10	14°19	28°12	n.a.	M30
T 31	11 49 21	28♓55'33	10♓ 6	20♈ 4	3♈16	29♈41	6♉21	9♓49	10♊46	0♏20	8♒52	15♑ 2	14♑16	28♊19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s44	18s38	1n21	14s29	1s30	14s18	1s25	4n10	0n13	11n21	0s39	11s31	2s12	22n34	0n12	10s 8	1n56	32s38	14s43	22s42	22s52	25n34			n.a.
M 2	11 23	13 37	2 33	13 40	1 23	13 52	1 25	4 27	0 13	11 25	0 38	11 28	2 12	22 34	0 12	10 8	1 56	32 38	14 43	22 42	22 53	25 34			n.a.
T 3	11 2	7 55	3 35	12 49	1 16	13 25	1 24	4 43	0 14	11 28	0 38	11 25	2 12	22 34	0 12	10 7	1 57	32 38	14 43	22 43	22 53	25 33			n.a.
W 4	10 40	1 56	4 22	11 57	1 8	12 58	1 24	5 0	0 15	11 32	0 38	11 22	2 12	22 34	0 12	10 7	1 57	32 38	14 43	22 44	22 54	25 33			n.a.
T 5	10 19	4n 1	4 53	11 3	1 0	12 31	1 24	5 16	0 15	11 36	0 38	11 19	2 12	22 34	0 12	10 7	1 57	32 37	14 43	22 45	22 54	25 32			n.a.
F 6	9 57	9 36	5 7	10 8	0 51	12 4	1 23	5 32	0 16	11 39	0 38	11 16	2 12	22 34	0 12	10 7	1 57	32 37	14 43	22 46	22 54	25 31			n.a.
S 7	9 35	14 37	5 4	9 12	0 41	11 36	1 23	5 49	0 16	11 43	0 37	11 13	2 12	22 34	0 12	10 6	1 57	32 37	14 43	22 47	22 55	25 31			n.a.
S 8	9 13	18 52	4 47	8 14	0 32	11 8	1 22	6 5	0 17	11 47	0 37	11 10	2 12	22 34	0 12	10 6	1 57	32 37	14 44	22 48	22 55	25 30			n.a.
M 9	8 51	22 11	4 17	7 16	0 21	10 40	1 22	6 21	0 18	11 51	0 37	11 7	2 13	22 34	0 12	10 6	1 57	32 36	14 44	22 48	22 55	25 30			n.a.
T 10	8 29	24 27	3 35	6 17	0 11	10 11	1 21	6 37	0 18	11 55	0 37	11 4	2 13	22 35	0 12	10 5	1 57	32 36	14 44	22 48	22 56	25 29			n.a.
W11	8 7	25 36	2 45	5 17	0 0	9 42	1 20	6 53	0 19	11 58	0 37	11 2	2 13	22 35	0 12	10 5	1 57	32 36	14 44	22 48	22 56	25 28			n.a.
T 12	7 44	25 34	1 48	4 18	0n11	9 13	1 19	7 9	0 19	12 2	0 36	10 59	2 13	22 35	0 12	10 5	1 57	32 36	14 44	22 48	22 57	25 28			n.a.
F 13	7 22	24 23	0 47	3 18	0 22	8 44	1 18	7 25	0 20	12 6	0 36	10 56	2 13	22 35	0 12	10 4	1 57	32 35	14 45	22 48	22 57	25 27			n.a.
S 14	6 59	22 5	0s17	2 19	0 33	8 14	1 17	7 41	0 21	12 10	0 36	10 53	2 13	22 35	0 12	10 4	1 57	32 35	14 45	22 48	22 57	25 26			n.a.
S 15	6 37	18 47	1 21	1 20	0 45	7 45	1 17	7 57	0 21	12 14	0 36	10 50	2 13	22 35	0 12	10 4	1 57	32 35	14 45	22 48	22 58	25 26			n.a.
M16	6 14	14 37	2 22	0 21	0 56	7 15	1 15	8 13	0 22	12 18	0 36	10 47	2 13	22 35	0 12	10 3	1 57	32 35	14 45	22 49	22 58	25 25			n.a.
T 17	5 51	9 45	3 18	0n36	1 7	6 44	1 14	8 29	0 22	12 22	0 36	10 44	2 13	22 35	0 12	10 3	1 57	32 35	14 45	22 49	22 58	25 24			n.a.
W18	5 28	4 22	4 4	1 32	1 18	6 14	1 13	8 44	0 23	12 26	0 35	10 41	2 13	22 35	0 12	10 2	1 57	32 35	14 46	22 50	22 59	25 24			n.a.
T 19	5 5	1s19	4 39	2 26	1 28	5 44	1 12	9 0	0 24	12 30	0 35	10 38	2 13	22 36	0 12	10 2	1 57	32 34	14 46	22 52	22 59	25 23			n.a.
F 20	4 42	7 2	4 59	3 19	1 38	5 13	1 11	9 15	0 24	12 34	0 35	10 35	2 13	22 36	0 12	10 2	1 57	32 34	14 46	22 53	22 59	25 22			n.a.
S 21	4 19	12 31	5 3	4 10	1 48	4 42	1 9	9 31	0 25	12 38	0 35	10 33	2 13	22 36	0 12	10 1	1 57	32 34	14 46	22 54	23 0	25 22			n.a.
S 22	3 56	17 27	4 49	4 59	1 57	4 11	1 8	9 46	0 25	12 43	0 35	10 30	2 13	22 36	0 12	10 1	1 57	32 34	14 47	22 55	23 0	25 21			n.a.
M23	3 33	21 28	4 17	5 46	2 6	3 40	1 7	10 1	0 26	12 47	0 35	10 27	2 13	22 36	0 12	10 0	1 57	32 34	14 47	22 56	23 0	25 20			n.a.
T 24	3 9	24 16	3 30	6 30	2 14	3 9	1 5	10 17	0 26	12 51	0 34	10 24	2 13	22 36	0 12	10 0	1 57	32 34	14 47	22 56	23 1	25 20			n.a.
W25	2 46	25 33	2 30	7 12	2 21	2 38	1 4	10 32	0 27	12 55	0 34	10 21	2 13	22 37	0 12	9 59	1 58	32 34	14 47	22 56	23 1	25 19			n.a.
T 26	2 23	25 11	1 21	7 52	2 27	2 7	1 2	10 47	0 27	12 59	0 34	10 18	2 13	22 37	0 12	9 59	1 58	32 34	14 48	22 56	23 2	25 18			n.a.
F 27	1 59	23 12	0 7	8 30	2 33	1 36	1 0	11 2	0 28	13 3	0 34	10 16	2 13	22 37	0 12	9 58	1 58	32 34	14 48	22 56	23 2	25 17			n.a.
S 28	1 36	19 46	1n 8	9 5	2 38	1 4	0 59	11 17	0 28	13 7	0 34	10 13	2 14	22 37	0 12	9 58	1 58	32 33	14 48	22 56	23 2	25 17			n.a.
S 29	1 13	15 12	2 18	9 37	2 43	0 33	0 57	11 31	0 29	13 12	0 34	10 10	2 14	22 38	0 12	9 57	1 58	32 33	14 48	22 57	23 3	25 16			n.a.
M30	0 49	9 52	3 19	10 6	2 46	0 1	0 55	11 46	0 30	13 16	0 33	10 7	2 14	22 38	0 12	9 57	1 58	32 33	14 49	22 57	23 3	25 15			n.a.
T 31	0s26	4s 6	4n 8	10n33	2n48	0n30	0s53	12n 1	0n30	13n20	0s33	10s 4	2s14	22n38	0n12	9s57	1n58	32s33	14s49	22s58	23s 3	25n14			n.a.

Julian Day Number = 1299618.5, Delta T = 07h51m35s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'58, Lahiri = -19°53'57 Julian Calendar 1 March 1155 BCE == Greg. Calendar 18 Feb. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

APRIL 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 53 18	29♓53'22	23♓47	21♈ 3	4♈30	0♉21	6♉33	9♓57	10♊48	0°R19	8♒53	14°R52	14♑13	28♊25	n.a.	W 1
T 2	11 57 14	0♈51'10	7♈13	21°58	5°43	1° 0	6°45	10° 4	10°49	0♏17	8°54	14♑40	14°10	28°32	n.a.	T 2
F 3	12 1 11	1°48'57	20°23	22°48	6°57	1°39	6°58	10°12	10°51	0°16	8°55	14°28	14° 7	28°38	n.a.	F 3
S 4	12 5 7	2°46'41	3♉14	23°33	8°11	2°18	7°10	10°19	10°53	0°15	8°56	14°16	14° 3	28°45	n.a.	S 4
S 5	12 9 4	3°44'24	15°47	24°14	9°25	2°57	7°22	10°26	10°55	0°13	8°57	14° 7	14° 0	28°52	n.a.	S 5
M 6	12 13 0	4°42'06	28° 3	24°50	10°38	3°36	7°35	10°34	10°57	0°12	8°58	13°59	13°57	28°58	n.a.	M 6
T 7	12 16 57	5°39'46	10♊ 6	25°20	11°52	4°16	7°48	10°41	10°59	0°11	8°59	13°55	13°54	29° 5	n.a.	T 7
W 8	12 20 53	6°37'24	21°59	25°46	13° 6	4°55	8° 0	10°48	11° 1	0° 9	9° 0	13°53	13°51	29°12	n.a.	W 8
T 9	12 24 50	7°35'00	3♋48	26° 8	14°20	5°34	8°13	10°56	11° 3	0° 8	9° 1	13°52	13°47	29°18	n.a.	T 9
F 10	12 28 46	8°32'35	15°37	26°24	15°33	6°13	8°25	11° 3	11° 5	0° 6	9° 2	13°52	13°44	29°25	n.a.	F 10
S 11	12 32 43	9°30'08	27°33	26°35	16°47	6°52	8°38	11°10	11° 7	0° 5	9° 3	13°51	13°41	29°32	n.a.	S 11
S 12	12 36 40	10°27'40	9♌41	26°41	18° 1	7°31	8°51	11°17	11° 9	0° 3	9° 3	13°50	13°38	29°38	n.a.	S 12
M13	12 40 36	11°25'10	22° 4	26°R43	19°14	8°10	9° 4	11°24	11°11	0° 2	9° 4	13°45	13°35	29°45	n.a.	M13
T 14	12 44 33	12°22'38	4♍48	26°40	20°28	8°49	9°17	11°31	11°14	0° 0	9° 5	13°39	13°32	29°52	n.a.	T 14
W15	12 48 29	13°20'05	17°53	26°32	21°42	9°28	9°30	11°38	11°16	29♎59	9° 6	13°30	13°28	29°58	n.a.	W15
T 16	12 52 26	14°17'31	1♎21	26°20	22°55	10° 7	9°43	11°45	11°18	29°57	9° 7	13°19	13°25	0♋ 5	n.a.	T 16
F 17	12 56 22	15°14'56	15°10	26° 4	24° 9	10°45	9°56	11°52	11°21	29°56	9° 7	13° 7	13°22	0°12	n.a.	F 17
S 18	13 0 19	16°12'19	29°15	25°44	25°23	11°24	10° 9	11°59	11°23	29°54	9° 8	12°55	13°19	0°18	n.a.	S 18
S 19	13 4 15	17° 9'41	13♏32	25°21	26°36	12° 3	10°22	12° 6	11°25	29°52	9° 9	12°45	13°16	0°25	n.a.	S 19
M20	13 8 12	18° 7'02	27°55	24°54	27°50	12°42	10°35	12°13	11°28	29°51	9°10	12°38	13°13	0°32	n.a.	M20
T 21	13 12 9	19° 4'23	12♐19	24°26	29° 3	13°21	10°48	12°19	11°30	29°49	9°10	12°33	13° 9	0°38	n.a.	T 21
W22	13 16 5	20° 1'43	26°39	23°55	0♑17	14° 0	11° 1	12°26	11°33	29°48	9°11	12°30	13° 6	0°45	n.a.	W22
T 23	13 20 2	20°59'02	10♑53	23°22	1°31	14°38	11°14	12°33	11°36	29°46	9°12	12°D30	13° 3	0°51	n.a.	T 23
F 24	13 23 58	21°56'20	24°58	22°49	2°44	15°17	11°27	12°39	11°38	29°45	9°12	12°R30	13° 0	0°58	n.a.	F 24
S 25	13 27 55	22°53'38	8♒55	22°15	3°58	15°56	11°41	12°46	11°41	29°43	9°13	12°29	12°57	1° 5	n.a.	S 25
S 26	13 31 51	23°50'55	22°43	21°42	5°11	16°35	11°54	12°52	11°44	29°41	9°14	12°27	12°53	1°11	n.a.	S 26
M27	13 35 48	24°48'11	6♓21	21° 9	6°25	17°13	12° 7	12°59	11°46	29°40	9°14	12°22	12°50	1°18	n.a.	M27
T 28	13 39 44	25°45'27	19°50	20°38	7°38	17°52	12°21	13° 5	11°49	29°38	9°15	12°14	12°47	1°25	n.a.	T 28
W29	13 43 41	26°42'42	3♈ 7	20° 8	8°52	18°31	12°34	13°12	11°52	29°37	9°15	12° 4	12°44	1°31	n.a.	W29
T 30	13 47 38	27♈39'56	16♈11	19♈41	10♉ 5	19♉ 9	12♉47	13♓18	11♊55	29♎35	9♒16	11♑52	12♑41	1♋38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 3	1n47	4n41	10n58	2n50	1n 2	0s52	12n15	0n31	13n24	0s33	10s 1	2s14	22n38	0n12	9s56	1n58	32s33	14s49	22s59	23s 4	25n14		n.a.
T 2	0n21	7 28	4 59	11 19	2 50	1 33	0 50	12 30	0 31	13 29	0 33	9 59	2 14	22 38	0 12	9 56	1 58	32 33	14 50	23 1	23 4	25 13		n.a.
F 3	0 44	12 42	5 0	11 38	2 50	2 4	0 48	12 44	0 32	13 33	0 33	9 56	2 14	22 39	0 12	9 55	1 58	32 33	14 50	23 2	23 4	25 12		n.a.
S 4	1 7	17 15	4 45	11 54	2 49	2 36	0 46	12 58	0 32	13 37	0 33	9 53	2 14	22 39	0 12	9 54	1 58	32 33	14 50	23 3	23 5	25 11		n.a.
S 5	1 31	20 55	4 17	12 7	2 46	3 7	0 44	13 12	0 33	13 41	0 32	9 50	2 14	22 39	0 12	9 54	1 58	32 33	14 50	23 4	23 5	25 11		n.a.
M 6	1 54	23 35	3 38	12 17	2 43	3 38	0 42	13 26	0 33	13 46	0 32	9 48	2 14	22 40	0 12	9 53	1 58	32 33	14 51	23 5	23 5	25 10		n.a.
T 7	2 17	25 7	2 49	12 24	2 38	4 10	0 40	13 40	0 34	13 50	0 32	9 45	2 15	22 40	0 12	9 53	1 58	32 33	14 51	23 6	23 6	25 9		n.a.
W 8	2 40	25 28	1 53	12 29	2 33	4 41	0 38	13 54	0 34	13 54	0 32	9 42	2 15	22 40	0 12	9 52	1 58	32 33	14 51	23 6	23 6	25 8		n.a.
T 9	3 3	24 40	0 53	12 31	2 26	5 12	0 36	14 8	0 35	13 58	0 32	9 40	2 15	22 40	0 12	9 52	1 58	32 33	14 52	23 6	23 6	25 7		n.a.
F 10	3 26	22 45	0s 9	12 29	2 18	5 43	0 33	14 22	0 35	14 3	0 32	9 37	2 15	22 41	0 12	9 51	1 58	32 33	14 52	23 6	23 7	25 6		n.a.
S 11	3 49	19 49	1 12	12 25	2 9	6 13	0 31	14 35	0 36	14 7	0 32	9 34	2 15	22 41	0 12	9 51	1 58	32 33	14 52	23 6	23 7	25 6		n.a.
S 12	4 12	16 0	2 12	12 18	1 59	6 44	0 29	14 49	0 36	14 11	0 31	9 32	2 15	22 41	0 12	9 50	1 58	32 33	14 53	23 6	23 7	25 5		n.a.
M13	4 35	11 26	3 8	12 9	1 49	7 14	0 27	15 2	0 36	14 16	0 31	9 29	2 15	22 42	0 12	9 50	1 58	32 33	14 53	23 7	23 8	25 4		n.a.
T 14	4 58	6 16	3 55	11 57	1 37	7 45	0 25	15 15	0 37	14 20	0 31	9 26	2 15	22 42	0 12	9 49	1 58	32 33	14 53	23 7	23 8	25 3		n.a.
W15	5 21	0 42	4 32	11 42	1 24	8 15	0 22	15 28	0 37	14 24	0 31	9 24	2 16	22 42	0 12	9 49	1 58	32 34	14 54	23 8	23 8	25 2		n.a.
T 16	5 43	5s 2	4 54	11 25	1 10	8 45	0 20	15 41	0 38	14 28	0 31	9 21	2 16	22 43	0 12	9 48	1 58	32 34	14 54	23 9	23 9	25 1		n.a.
F 17	6 6	10 40	5 0	11 5	0 55	9 15	0 18	15 54	0 38	14 33	0 31	9 19	2 16	22 43	0 12	9 47	1 58	32 34	14 54	23 10	23 9	25 1		n.a.
S 18	6 28	15 52	4 49	10 43	0 40	9 44	0 15	16 7	0 39	14 37	0 31	9 16	2 16	22 43	0 12	9 47	1 58	32 34	14 55	23 12	23 9	25 0		n.a.
S 19	6 51	20 16	4 19	10 20	0 24	10 14	0 13	16 19	0 39	14 41	0 30	9 14	2 16	22 44	0 12	9 46	1 58	32 34	14 55	23 13	23 10	24 59		n.a.
M20	7 13	23 28	3 32	9 55	0 8	10 43	0 11	16 32	0 40	14 46	0 30	9 11	2 16	22 44	0 12	9 46	1 58	32 34	14 55	23 13	23 10	24 58		n.a.
T 21	7 35	25 10	2 32	9 29	0s 9	11 11	0 8	16 44	0 40	14 50	0 30	9 9	2 17	22 44	0 12	9 45	1 58	32 34	14 56	23 14	23 10	24 57		n.a.
W22	7 57	25 10	1 23	9 1	0 26	11 40	0 6	16 57	0 41	14 54	0 30	9 6	2 17	22 45	0 12	9 45	1 58	32 34	14 56	23 14	23 11	24 56		n.a.
T 23	8 19	23 31	0 9	8 33	0 43	12 8	0 3	17 9	0 41	14 58	0 30	9 4	2 17	22 45	0 12	9 44	1 58	32 34	14 56	23 14	23 11	24 55		n.a.
F 24	8 41	20 25	1n 6	8 5	1 0	12 36	0 1	17 21	0 41	15 3	0 30	9 1	2 17	22 45	0 12	9 43	1 58	32 35	14 57	23 14	23 11	24 54		n.a.
S 25	9 3	16 9	2 15	7 37	1 17	13 4	0n 2	17 33	0 42	15 7	0 30	8 59	2 17	22 46	0 12	9 43	1 58	32 35	14 57	23 14	23 11	24 53		n.a.
S 26	9 24	11 5	3 16	7 9	1 33	13 32	0 4	17 44	0 42	15 11	0 30	8 56	2 17	22 46	0 12	9 42	1 58	32 35	14 57	23 14	23 12	24 52		n.a.
M27	9 46	5 33	4 5	6 42	1 49	13 59	0 6	17 56	0 43	15 15	0 29	8 54	2 18	22 46	0 12	9 42	1 58	32 35	14 58	23 15	23 12	24 51		n.a.
T 28	10 7	0n10	4 39	6 16	2 4	14 26	0 9	18 8	0 43	15 20	0 29	8 52	2 18	22 47	0 12	9 41	1 58	32 35	14 58	23 16	23 12	24 51		n.a.
W29	10 28	5 48	4 58	5 52	2 19	14 52	0 11	18 19	0 44	15 24	0 29	8 49	2 18	22 47	0 12	9 41	1 58	32 35	14 59	23 17	23 13	24 50		n.a.
T 30	10n49	11n 4	5n 1	5n29	2s32	15n18	0n14	18n30	0n44	15n28	0s29	8s47	2s18	22n48	0n12	9s40	1n58	32s36	14s59	23s18	23s13	24n49		n.a.

Julian Day Number = 1299649.5, Delta T = 07h51m34s
Ecliptic obliquity = 23°49'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'53, Lahiri = -19°53'53 Julian Calendar 1 Apr. 1155 BCE == Greg. Calendar 21 March 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

MAY 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 51 34	28♈37'09	29♈ 2	19°R17	11♉19	19♉48	13♉ 1	13♓24	11♊58	29°R33	9♒16	11°R40	12♑38	1♋45	n.a.	F 1
S 2	13 55 31	29°34'22	11♉39	18♈55	12°32	20°27	13°14	13°31	12° 1	29♎32	9°17	11♑28	12°34	1°51	n.a.	S 2
S 3	13 59 27	0♉31'35	24° 1	18°38	13°46	21° 5	13°28	13°37	12° 4	29°30	9°17	11°19	12°31	1°58	n.a.	S 3
M 4	14 3 24	1°28'46	6♊10	18°24	14°59	21°44	13°41	13°43	12° 6	29°28	9°17	11°11	12°28	2° 5	n.a.	M 4
T 5	14 7 20	2°25'57	18° 9	18°14	16°13	22°22	13°55	13°49	12° 9	29°27	9°18	11° 6	12°25	2°11	n.a.	T 5
W 6	14 11 17	3°23'07	29°59	18° 9	17°26	23° 1	14° 8	13°55	12°13	29°25	9°18	11° 4	12°22	2°18	n.a.	W 6
T 7	14 15 14	4°20'16	11♋47	18°D 7	18°40	23°40	14°22	14° 1	12°16	29°24	9°18	11°D 3	12°19	2°25	n.a.	T 7
F 8	14 19 10	5°17'24	23°36	18°11	19°53	24°18	14°35	14° 7	12°19	29°22	9°19	11° 4	12°15	2°31	n.a.	F 8
S 9	14 23 7	6°14'32	5♌31	18°19	21° 6	24°57	14°49	14°12	12°22	29°20	9°19	11°R 4	12°12	2°38	n.a.	S 9
S 10	14 27 3	7°11'39	17°39	18°31	22°20	25°35	15° 2	14°18	12°25	29°19	9°19	11° 4	12° 9	2°44	n.a.	S 10
M11	14 31 0	8° 8'45	0♍ 3	18°48	23°33	26°14	15°16	14°24	12°28	29°17	9°20	11° 1	12° 6	2°51	n.a.	M11
T 12	14 34 56	9° 5'50	12°49	19°10	24°47	26°52	15°29	14°29	12°31	29°16	9°20	10°57	12° 3	2°58	n.a.	T 12
W13	14 38 53	10° 2'55	26° 0	19°36	26° 0	27°31	15°43	14°35	12°35	29°14	9°20	10°50	11°59	3° 4	n.a.	W13
T 14	14 42 49	11° 0'00	9♎37	20° 7	27°13	28° 9	15°57	14°40	12°38	29°12	9°20	10°42	11°56	3°11	n.a.	T 14
F 15	14 46 46	11°57'03	23°39	20°42	28°27	28°47	16°10	14°46	12°41	29°11	9°20	10°33	11°53	3°18	n.a.	F 15
S 16	14 50 43	12°54'07	8♏ 2	21°22	29°40	29°26	16°24	14°51	12°44	29° 9	9°20	10°24	11°50	3°24	n.a.	S 16
S 17	14 54 39	13°51'10	22°41	22° 6	0♊53	0♊ 4	16°37	14°56	12°48	29° 8	9°21	10°16	11°47	3°31	n.a.	S 17
M18	14 58 36	14°48'14	7♐28	22°54	2° 7	0°43	16°51	15° 1	12°51	29° 6	9°21	10°11	11°44	3°38	n.a.	M18
T 19	15 2 32	15°45'17	22°15	23°46	3°20	1°21	17° 5	15° 6	12°54	29° 5	9°21	10° 7	11°40	3°44	n.a.	T 19
W20	15 6 29	16°42'20	6♑56	24°43	4°33	2° 0	17°18	15°11	12°58	29° 3	9°21	10°D 6	11°37	3°51	n.a.	W20
T 21	15 10 25	17°39'24	21°25	25°43	5°46	2°38	17°32	15°16	13° 1	29° 2	9°R21	10° 6	11°34	3°58	n.a.	T 21
F 22	15 14 22	18°36'28	5♒39	26°48	7° 0	3°16	17°45	15°21	13° 4	29° 0	9°21	10° 7	11°31	4° 4	n.a.	F 22
S 23	15 18 18	19°33'31	19°37	27°57	8°13	3°55	17°59	15°26	13° 8	28°59	9°21	10°R 8	11°28	4°11	n.a.	S 23
S 24	15 22 15	20°30'36	3♓19	29° 9	9°26	4°33	18°13	15°31	13°11	28°57	9°21	10° 7	11°24	4°18	n.a.	S 24
M25	15 26 12	21°27'40	16°45	0♉25	10°40	5°11	18°26	15°35	13°15	28°56	9°21	10° 5	11°21	4°24	n.a.	M25
T 26	15 30 8	22°24'45	29°56	1°46	11°53	5°50	18°40	15°40	13°18	28°54	9°20	10° 0	11°18	4°31	n.a.	T 26
W27	15 34 5	23°21'50	12♈53	3° 9	13° 6	6°28	18°53	15°44	13°22	28°53	9°20	9°53	11°15	4°37	n.a.	W27
T 28	15 38 1	24°18'56	25°38	4°37	14°19	7° 6	19° 7	15°49	13°25	28°51	9°20	9°46	11°12	4°44	n.a.	T 28
F 29	15 41 58	25°16'02	8♉10	6° 8	15°32	7°45	19°21	15°53	13°29	28°50	9°20	9°38	11° 9	4°51	n.a.	F 29
S 30	15 45 54	26°13'08	20°30	7°43	16°46	8°23	19°34	15°57	13°32	28°48	9°20	9°30	11° 5	4°57	n.a.	S 30
S 31	15 49 51	27♉10'14	2♊39	9♉21	17♊59	9♊ 1	19♉48	16♓ 2	13♊36	28♎47	9♒20	9♑24	11♑ 2	5♋ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n10	15n47	4n48	5n 8	2s45	15n44	0n16	18n41	0n44	15n32	0s29	8s45	2s18	22n48	0n12	9s39	1n58	32s36	14s59	23s19	23s13	24n48		n.a.
S 2	11 30	19 42	4 21	4 49	2 56	16 9	0 19	18 52	0 45	15 37	0 29	8 43	2 18	22 48	0 12	9 39	1 58	32 36	15 0	23 20	23 14	24 47		n.a.
S 3	11 51	22 40	3 43	4 33	3 6	16 34	0 21	19 3	0 45	15 41	0 29	8 40	2 19	22 49	0 12	9 38	1 58	32 36	15 0	23 21	23 14	24 46		n.a.
M 4	12 11	24 33	2 54	4 19	3 16	16 58	0 23	19 14	0 46	15 45	0 29	8 38	2 19	22 49	0 12	9 38	1 58	32 37	15 0	23 21	23 14	24 45		n.a.
T 5	12 31	25 16	1 59	4 8	3 24	17 22	0 26	19 24	0 46	15 49	0 29	8 36	2 19	22 50	0 12	9 37	1 58	32 37	15 1	23 22	23 15	24 44		n.a.
W 6	12 51	24 49	0 59	4 0	3 30	17 46	0 28	19 35	0 46	15 53	0 28	8 34	2 19	22 50	0 12	9 37	1 58	32 37	15 1	23 22	23 15	24 43		n.a.
T 7	13 10	23 14	0s 4	3 54	3 36	18 9	0 31	19 45	0 47	15 58	0 28	8 32	2 19	22 50	0 12	9 36	1 58	32 37	15 1	23 22	23 15	24 42		n.a.
F 8	13 30	20 38	1 7	3 51	3 40	18 32	0 33	19 55	0 47	16 2	0 28	8 30	2 20	22 51	0 12	9 35	1 58	32 38	15 2	23 22	23 15	24 41		n.a.
S 9	13 49	17 9	2 7	3 51	3 44	18 54	0 35	20 5	0 47	16 6	0 28	8 28	2 20	22 51	0 12	9 35	1 58	32 38	15 2	23 22	23 16	24 40		n.a.
S 10	14 8	12 54	3 3	3 54	3 46	19 16	0 38	20 15	0 48	16 10	0 28	8 25	2 20	22 52	0 12	9 34	1 58	32 38	15 3	23 22	23 16	24 39		n.a.
M11	14 27	8 2	3 51	4 0	3 47	19 37	0 40	20 24	0 48	16 14	0 28	8 23	2 20	22 52	0 12	9 34	1 58	32 38	15 3	23 22	23 16	24 38		n.a.
T 12	14 46	2 43	4 29	4 8	3 47	19 57	0 42	20 34	0 49	16 18	0 28	8 21	2 20	22 53	0 13	9 33	1 58	32 39	15 3	23 22	23 17	24 37		n.a.
W13	15 4	2s53	4 55	4 19	3 46	20 18	0 45	20 43	0 49	16 22	0 28	8 19	2 21	22 53	0 13	9 33	1 58	32 39	15 4	23 23	23 17	24 36		n.a.
T 14	15 22	8 32	5 5	4 32	3 44	20 37	0 47	20 52	0 49	16 27	0 28	8 18	2 21	22 53	0 13	9 32	1 58	32 39	15 4	23 24	23 17	24 35		n.a.
F 15	15 40	13 55	4 57	4 48	3 41	20 56	0 49	21 2	0 50	16 31	0 27	8 16	2 21	22 54	0 13	9 32	1 58	32 40	15 4	23 24	23 17	24 34		n.a.
S 16	15 58	18 40	4 31	5 7	3 37	21 15	0 51	21 10	0 50	16 35	0 27	8 14	2 21	22 54	0 13	9 31	1 58	32 40	15 5	23 25	23 18	24 33		n.a.
S 17	16 15	22 23	3 46	5 28	3 32	21 32	0 53	21 19	0 50	16 39	0 27	8 12	2 22	22 55	0 13	9 30	1 58	32 40	15 5	23 26	23 18	24 32		n.a.
M18	16 33	24 38	2 46	5 51	3 27	21 50	0 55	21 28	0 51	16 43	0 27	8 10	2 22	22 55	0 13	9 30	1 58	32 41	15 6	23 26	23 18	24 31		n.a.
T 19	16 50	25 10	1 34	6 16	3 21	22 6	0 58	21 36	0 51	16 47	0 27	8 8	2 22	22 56	0 13	9 29	1 58	32 41	15 6	23 26	23 19	24 29		n.a.
W20	17 6	23 56	0 17	6 43	3 14	22 23	1 0	21 44	0 51	16 51	0 27	8 7	2 22	22 56	0 13	9 29	1 58	32 41	15 6	23 26	23 19	24 28		n.a.
T 21	17 23	21 6	1n 1	7 13	3 6	22 38	1 2	21 53	0 52	16 55	0 27	8 5	2 23	22 56	0 13	9 28	1 58	32 42	15 7	23 26	23 19	24 27		n.a.
F 22	17 39	17 1	2 13	7 44	2 58	22 53	1 4	22 0	0 52	16 59	0 27	8 3	2 23	22 57	0 13	9 28	1 58	32 42	15 7	23 26	23 19	24 26		n.a.
S 23	17 55	12 4	3 16	8 17	2 49	23 7	1 6	22 8	0 52	17 3	0 27	8 1	2 23	22 57	0 13	9 27	1 58	32 42	15 7	23 26	23 20	24 25		n.a.
S 24	18 10	6 37	4 7	8 52	2 40	23 20	1 7	22 16	0 53	17 7	0 26	8 0	2 23	22 58	0 13	9 27	1 58	32 43	15 8	23 26	23 20	24 24		n.a.
M25	18 25	0 59	4 43	9 28	2 30	23 33	1 9	22 23	0 53	17 11	0 26	7 58	2 24	22 58	0 13	9 26	1 58	32 43	15 8	23 27	23 20	24 23		n.a.
T 26	18 40	4n36	5 3	10 6	2 20	23 45	1 11	22 31	0 53	17 14	0 26	7 57	2 24	22 59	0 13	9 26	1 58	32 43	15 9	23 27	23 21	24 22		n.a.
W27	18 55	9 53	5 8	10 45	2 9	23 57	1 13	22 38	0 54	17 18	0 26	7 55	2 24	22 59	0 13	9 25	1 58	32 44	15 9	23 27	23 21	24 21		n.a.
T 28	19 10	14 39	4 56	11 25	1 58	24 8	1 15	22 45	0 54	17 22	0 26	7 54	2 24	23 0	0 13	9 25	1 58	32 44	15 9	23 28	23 21	24 20		n.a.
F 29	19 24	18 43	4 31	12 7	1 47	24 18	1 16	22 51	0 54	17 26	0 26	7 52	2 25	23 0	0 13	9 24	1 58	32 45	15 10	23 29	23 21	24 18		n.a.
S 30	19 37	21 54	3 53	12 49	1 35	24 27	1 18	22 58	0 55	17 30	0 26	7 51	2 25	23 0	0 13	9 24	1 58	32 45	15 10	23 29	23 22	24 17		n.a.
S 31	19n51	24n 4	3n 5	13n32	1s23	24n36	1n20	23n 4	0n55	17n34	0s26	7s49	2s25	23n 1	0n13	9s23	1n58	32s45	15s10	23s30	23s22	24n16		n.a.

Julian Day Number = 1299679.5, Delta T = 07h51m32s
Ecliptic obliquity = 23°49'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'49, Lahiri = -19°53'49 Julian Calendar 1 May 1155 BCE == Greg. Calendar 20 Apr. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

JUNE 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 53 48	28♉ 7'21	14♊40	11♉ 3	19♊12	9♊40	20♉ 1	16♓ 6	13♊40	28°R46	9°R19	9°R19	10♑59	5♋11	n.a.	M 1
T 2	15 57 44	29° 4'28	26°32	12°48	20°25	10°18	20°15	16°10	13°43	28♎44	9♒19	9♑17	10°56	5°17	n.a.	T 2
W 3	16 1 41	0♊ 1'36	8♋20	14°36	21°38	10°56	20°28	16°13	13°47	28°43	9°19	9°D16	10°53	5°24	n.a.	W 3
T 4	16 5 37	0°58'43	20° 7	16°27	22°51	11°34	20°42	16°17	13°50	28°42	9°19	9°16	10°50	5°31	n.a.	T 4
F 5	16 9 34	1°55'51	1♌55	18°21	24° 5	12°13	20°55	16°21	13°54	28°40	9°18	9°18	10°46	5°37	n.a.	F 5
S 6	16 13 30	2°52'59	13°50	20°18	25°18	12°51	21° 9	16°25	13°58	28°39	9°18	9°19	10°43	5°44	n.a.	S 6
S 7	16 17 27	3°50'07	25°57	22°17	26°31	13°29	21°22	16°28	14° 1	28°38	9°18	9°21	10°40	5°51	n.a.	S 7
M 8	16 21 23	4°47'16	8♍20	24°18	27°44	14° 7	21°36	16°32	14° 5	28°37	9°17	9°R21	10°37	5°57	n.a.	M 8
T 9	16 25 20	5°44'24	21° 4	26°20	28°57	14°46	21°49	16°35	14° 8	28°35	9°17	9°20	10°34	6° 4	n.a.	T 9
W10	16 29 17	6°41'33	4♎13	28°25	0♋10	15°24	22° 2	16°38	14°12	28°34	9°16	9°17	10°30	6°11	n.a.	W10
T 11	16 33 13	7°38'43	17°49	0♊30	1°23	16° 2	22°16	16°41	14°16	28°33	9°16	9°14	10°27	6°17	n.a.	T 11
F 12	16 37 10	8°35'52	1♏53	2°37	2°36	16°40	22°29	16°44	14°19	28°32	9°15	9° 9	10°24	6°24	n.a.	F 12
S 13	16 41 6	9°33'03	16°22	4°44	3°49	17°19	22°42	16°47	14°23	28°31	9°15	9° 5	10°21	6°30	n.a.	S 13
S 14	16 45 3	10°30'14	1♐11	6°52	5° 2	17°57	22°55	16°50	14°27	28°30	9°14	9° 1	10°18	6°37	n.a.	S 14
M15	16 48 59	11°27'26	16°13	8°59	6°15	18°35	23° 9	16°53	14°30	28°29	9°14	8°59	10°15	6°44	n.a.	M15
T 16	16 52 56	12°24'38	1♑19	11° 6	7°28	19°13	23°22	16°56	14°34	28°28	9°13	8°58	10°11	6°50	n.a.	T 16
W17	16 56 53	13°21'52	16°19	13°13	8°41	19°51	23°35	16°58	14°38	28°27	9°13	8°D58	10° 8	6°57	n.a.	W17
T 18	17 0 49	14°19'06	1♒ 7	15°19	9°54	20°30	23°48	17° 1	14°42	28°26	9°12	8°58	10° 5	7° 4	n.a.	T 18
F 19	17 4 46	15°16'22	15°37	17°25	11° 7	21° 8	24° 1	17° 3	14°45	28°25	9°11	9° 0	10° 2	7°10	n.a.	F 19
S 20	17 8 42	16°13'39	29°45	19°29	12°20	21°46	24°14	17° 6	14°49	28°24	9°11	9° 1	9°59	7°17	n.a.	S 20
S 21	17 12 39	17°10'57	13♓30	21°32	13°32	22°24	24°27	17° 8	14°53	28°23	9°10	9°R 2	9°56	7°24	n.a.	S 21
M22	17 16 35	18° 8'16	26°54	23°34	14°45	23° 2	24°40	17°10	14°56	28°22	9° 9	9° 2	9°52	7°30	n.a.	M22
T 23	17 20 32	19° 5'36	9♈57	25°34	15°58	23°41	24°53	17°12	15° 0	28°21	9° 9	9° 0	9°49	7°37	n.a.	T 23
W24	17 24 28	20° 2'58	22°42	27°33	17°11	24°19	25° 6	17°14	15° 4	28°20	9° 8	8°59	9°46	7°44	n.a.	W24
T 25	17 28 25	21° 0'21	5♉12	29°31	18°24	24°57	25°19	17°16	15° 7	28°19	9° 7	8°56	9°43	7°50	n.a.	T 25
F 26	17 32 22	21°57'46	17°29	1♋27	19°37	25°35	25°32	17°17	15°11	28°18	9° 7	8°53	9°40	7°57	n.a.	F 26
S 27	17 36 18	22°55'12	29°36	3°22	20°49	26°13	25°45	17°19	15°15	28°18	9° 6	8°51	9°36	8° 4	n.a.	S 27
S 28	17 40 15	23°52'39	11♊34	5°15	22° 2	26°52	25°58	17°20	15°18	28°17	9° 5	8°49	9°33	8°10	n.a.	S 28
M29	17 44 11	24°50'07	23°26	7° 6	23°15	27°30	26°10	17°22	15°22	28°16	9° 4	8°48	9°30	8°17	n.a.	M29
T 30	17 48 8	25♊47'37	5♋15	8♋56	24♋28	28♊ 8	26♉23	17♓23	15♊26	28♎15	9♒ 3	8°D47	9♑27	8♋23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 4	25n 5	2n10	14n16	1s11	24n44	1n21	23n11	0n55	17n37	0s26	7s48	2s25	23n 1	0n13	9s23	1n58	32s46	15s11	23s30	23s22	24n15		n.a.
T 2	20 17	24 56	1 9	15 0	0 59	24 51	1 22	23 17	0 56	17 41	0 26	7 47	2 26	23 2	0 13	9 23	1 57	32 46	15 11	23 30	23 22	24 14		n.a.
W 3	20 29	23 39	0 5	15 44	0 47	24 58	1 24	23 23	0 56	17 45	0 26	7 45	2 26	23 2	0 13	9 22	1 57	32 47	15 11	23 30	23 23	24 13		n.a.
T 4	20 41	21 20	0s59	16 28	0 35	25 3	1 25	23 28	0 56	17 49	0 25	7 44	2 26	23 3	0 13	9 22	1 57	32 47	15 12	23 30	23 23	24 12		n.a.
F 5	20 53	18 6	2 1	17 12	0 23	25 8	1 27	23 34	0 57	17 52	0 25	7 43	2 26	23 3	0 13	9 21	1 57	32 48	15 12	23 30	23 23	24 10		n.a.
S 6	21 5	14 7	2 58	17 56	0 11	25 13	1 28	23 39	0 57	17 56	0 25	7 42	2 27	23 4	0 13	9 21	1 57	32 48	15 12	23 30	23 23	24 9		n.a.
S 7	21 16	9 30	3 48	18 39	0n 0	25 16	1 29	23 44	0 57	18 0	0 25	7 40	2 27	23 4	0 13	9 20	1 57	32 48	15 13	23 30	23 24	24 8		n.a.
M 8	21 27	4 26	4 28	19 20	0 11	25 19	1 30	23 49	0 57	18 3	0 25	7 39	2 27	23 4	0 13	9 20	1 57	32 49	15 13	23 30	23 24	24 7		n.a.
T 9	21 37	0s57	4 57	20 1	0 22	25 21	1 31	23 54	0 58	18 7	0 25	7 38	2 28	23 5	0 13	9 20	1 57	32 49	15 14	23 30	23 24	24 6		n.a.
W10	21 47	6 27	5 12	20 40	0 33	25 22	1 32	23 59	0 58	18 11	0 25	7 37	2 28	23 5	0 13	9 19	1 57	32 50	15 14	23 30	23 25	24 5		n.a.
T 11	21 57	11 51	5 9	21 17	0 42	25 23	1 33	24 3	0 58	18 14	0 25	7 36	2 28	23 6	0 13	9 19	1 57	32 50	15 14	23 30	23 25	24 3		n.a.
F 12	22 6	16 49	4 49	21 52	0 52	25 22	1 34	24 7	0 59	18 18	0 25	7 35	2 28	23 6	0 13	9 19	1 57	32 51	15 15	23 31	23 25	24 2		n.a.
S 13	22 15	20 59	4 10	22 25	1 0	25 21	1 35	24 12	0 59	18 21	0 25	7 34	2 29	23 7	0 13	9 18	1 57	32 51	15 15	23 31	23 25	24 1		n.a.
S 14	22 23	23 52	3 13	22 56	1 8	25 19	1 35	24 15	0 59	18 25	0 25	7 33	2 29	23 7	0 13	9 18	1 57	32 52	15 15	23 31	23 26	24 0		n.a.
M15	22 31	25 7	2 2	23 24	1 16	25 17	1 36	24 19	0 59	18 28	0 24	7 33	2 29	23 8	0 13	9 17	1 57	32 52	15 16	23 31	23 26	23 58		n.a.
T 16	22 39	24 32	0 42	23 50	1 22	25 14	1 37	24 23	1 0	18 32	0 24	7 32	2 30	23 8	0 13	9 17	1 57	32 53	15 16	23 31	23 26	23 57		n.a.
W17	22 47	22 9	0n40	24 13	1 28	25 10	1 37	24 26	1 0	18 35	0 24	7 31	2 30	23 8	0 13	9 17	1 57	32 53	15 16	23 31	23 26	23 56		n.a.
T 18	22 54	18 18	1 59	24 34	1 34	25 5	1 38	24 29	1 0	18 38	0 24	7 30	2 30	23 9	0 13	9 17	1 57	32 53	15 17	23 31	23 27	23 55		n.a.
F 19	23 0	13 25	3 8	24 51	1 38	24 59	1 38	24 32	1 1	18 42	0 24	7 30	2 30	23 9	0 13	9 16	1 57	32 54	15 17	23 31	23 27	23 53		n.a.
S 20	23 6	7 56	4 5	25 6	1 42	24 53	1 38	24 35	1 1	18 45	0 24	7 29	2 31	23 10	0 13	9 16	1 57	32 54	15 17	23 31	23 27	23 52		n.a.
S 21	23 12	2 13	4 45	25 18	1 45	24 46	1 39	24 38	1 1	18 48	0 24	7 28	2 31	23 10	0 13	9 16	1 57	32 55	15 17	23 31	23 27	23 51		n.a.
M22	23 18	3n27	5 9	25 28	1 47	24 38	1 39	24 40	1 1	18 52	0 24	7 28	2 31	23 11	0 13	9 15	1 57	32 55	15 18	23 31	23 27	23 50		n.a.
T 23	23 23	8 49	5 16	25 34	1 49	24 30	1 39	24 42	1 2	18 55	0 24	7 27	2 32	23 11	0 13	9 15	1 56	32 56	15 18	23 31	23 28	23 48		n.a.
W24	23 27	13 42	5 7	25 39	1 50	24 20	1 39	24 44	1 2	18 58	0 24	7 27	2 32	23 11	0 13	9 15	1 56	32 56	15 18	23 31	23 28	23 47		n.a.
T 25	23 31	17 54	4 43	25 40	1 51	24 10	1 39	24 46	1 2	19 1	0 24	7 26	2 32	23 12	0 13	9 15	1 56	32 57	15 19	23 32	23 28	23 46		n.a.
F 26	23 35	21 16	4 7	25 40	1 50	24 0	1 39	24 48	1 2	19 5	0 24	7 26	2 32	23 12	0 13	9 14	1 56	32 57	15 19	23 32	23 28	23 45		n.a.
S 27	23 38	23 39	3 20	25 37	1 50	23 48	1 38	24 49	1 3	19 8	0 24	7 26	2 33	23 13	0 13	9 14	1 56	32 58	15 19	23 32	23 29	23 43		n.a.
S 28	23 41	24 56	2 25	25 32	1 48	23 36	1 38	24 50	1 3	19 11	0 23	7 25	2 33	23 13	0 13	9 14	1 56	32 58	15 19	23 32	23 29	23 42		n.a.
M29	23 44	25 4	1 24	25 24	1 46	23 24	1 38	24 51	1 3	19 14	0 23	7 25	2 33	23 14	0 13	9 14	1 56	32 59	15 20	23 32	23 29	23 41		n.a.
T 30	23n46	24n 3	0n20	25n15	1n44	23n10	1n37	24n52	1n 3	19n17	0s23	7s25	2s34	23n14	0n13	9s14	1n56	32s59	15s20	23s32	23s29	23n39		n.a.

Julian Day Number = 1299710.5, Delta T = 07h51m30s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'45, Lahiri = -19°53'45 Julian Calendar 1 June 1155 BCE == Greg. Calendar 21 May 1155 BCE

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

JULY 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 52 4	26♊45'07	17♋ 1	10♋45	25♋40	28♊46	26♉36	17♓24	15♊29	28°R15	9°R 2	8♑47	9♑24	8♋30	n.a.	W 1
T 2	17 56 1	27°42'39	28°49	12°31	26°53	29°25	26°48	17°25	15°33	28♎14	9♒ 2	8°48	9°21	8°37	n.a.	T 2
F 3	17 59 58	28°40'13	10♌40	14°17	28° 6	0♋ 3	27° 1	17°26	15°36	28°14	9° 1	8°49	9°17	8°43	n.a.	F 3
S 4	18 3 54	29°37'47	22°38	16° 0	29°18	0°41	27°13	17°27	15°40	28°13	9° 0	8°50	9°14	8°50	n.a.	S 4
S 5	18 7 51	0♋35'22	4♍47	17°43	0♌31	1°19	27°25	17°28	15°44	28°12	8°59	8°51	9°11	8°57	n.a.	S 5
M 6	18 11 47	1°32'59	17°10	19°23	1°43	1°57	27°38	17°28	15°47	28°12	8°58	8°51	9° 8	9° 3	n.a.	M 6
T 7	18 15 44	2°30'36	29°52	21° 3	2°56	2°36	27°50	17°29	15°51	28°11	8°57	8°R52	9° 5	9°10	n.a.	T 7
W 8	18 19 40	3°28'15	12♎56	22°40	4° 8	3°14	28° 2	17°29	15°54	28°11	8°56	8°51	9° 2	9°17	n.a.	W 8
T 9	18 23 37	4°25'55	26°25	24°17	5°21	3°52	28°14	17°30	15°58	28°11	8°55	8°51	8°58	9°23	n.a.	T 9
F 10	18 27 33	5°23'36	10♏20	25°51	6°33	4°30	28°27	17°30	16° 1	28°10	8°54	8°51	8°55	9°30	n.a.	F 10
S 11	18 31 30	6°21'19	24°42	27°25	7°46	5° 8	28°39	17°R30	16° 5	28°10	8°53	8°50	8°52	9°37	n.a.	S 11
S 12	18 35 26	7°19'03	9♐28	28°56	8°58	5°47	28°51	17°30	16° 8	28° 9	8°52	8°50	8°49	9°43	n.a.	S 12
M13	18 39 23	8°16'48	24°30	0♌27	10°11	6°25	29° 3	17°30	16°12	28° 9	8°51	8°50	8°46	9°50	n.a.	M13
T 14	18 43 20	9°14'35	9♑42	1°56	11°23	7° 3	29°14	17°30	16°15	28° 9	8°50	8°50	8°42	9°57	n.a.	T 14
W15	18 47 16	10°12'23	24°53	3°23	12°35	7°41	29°26	17°29	16°19	28° 9	8°49	8°50	8°39	10° 3	n.a.	W15
T 16	18 51 13	11°10'14	9♒55	4°49	13°47	8°20	29°38	17°29	16°22	28° 8	8°48	8°50	8°36	10°10	n.a.	T 16
F 17	18 55 9	12° 8'06	24°40	6°13	15° 0	8°58	29°50	17°28	16°26	28° 8	8°47	8°50	8°33	10°16	n.a.	F 17
S 18	18 59 6	13° 5'59	9♓ 1	7°36	16°12	9°36	0♊ 1	17°28	16°29	28° 8	8°46	8°49	8°30	10°23	n.a.	S 18
S 19	19 3 2	14° 3'55	22°56	8°57	17°24	10°14	0°13	17°27	16°32	28° 8	8°45	8°49	8°27	10°30	n.a.	S 19
M20	19 6 59	15° 1'53	6♈24	10°16	18°36	10°53	0°24	17°26	16°36	28° 8	8°44	8°49	8°23	10°36	n.a.	M20
T 21	19 10 56	15°59'53	19°28	11°34	19°48	11°31	0°35	17°25	16°39	28° 8	8°43	8°D49	8°20	10°43	n.a.	T 21
W22	19 14 52	16°57'55	2♉ 9	12°49	21° 0	12° 9	0°47	17°24	16°42	28°D 8	8°41	8°49	8°17	10°50	n.a.	W22
T 23	19 18 49	17°55'59	14°32	14° 4	22°12	12°47	0°58	17°23	16°46	28° 8	8°40	8°50	8°14	10°56	n.a.	T 23
F 24	19 22 45	18°54'05	26°40	15°16	23°24	13°26	1° 9	17°22	16°49	28° 8	8°39	8°50	8°11	11° 3	n.a.	F 24
S 25	19 26 42	19°52'13	8♊38	16°26	24°36	14° 4	1°20	17°20	16°52	28° 8	8°38	8°51	8° 8	11°10	n.a.	S 25
S 26	19 30 38	20°50'23	20°30	17°34	25°48	14°42	1°31	17°19	16°55	28° 8	8°37	8°52	8° 4	11°16	n.a.	S 26
M27	19 34 35	21°48'35	2♋17	18°40	27° 0	15°21	1°42	17°17	16°59	28° 8	8°36	8°53	8° 1	11°23	n.a.	M27
T 28	19 38 31	22°46'49	14° 4	19°44	28°12	15°59	1°53	17°16	17° 2	28° 8	8°35	8°R53	7°58	11°30	n.a.	T 28
W29	19 42 28	23°45'06	25°53	20°45	29°24	16°37	2° 3	17°14	17° 5	28° 9	8°33	8°52	7°55	11°36	n.a.	W29
T 30	19 46 25	24°43'24	7♌45	21°44	0♍36	17°16	2°14	17°12	17° 8	28° 9	8°32	8°51	7°52	11°43	n.a.	T 30
F 31	19 50 21	25♋41'43	19♌43	22♌40	1♍48	17♋54	2♊24	17♓10	17♊11	28♎ 9	8♒31	8♑49	7♑48	11♋50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n47	21n59	0s46	25n 4	1n41	22n56	1n37	24n53	1n 3	19n20	0s23	7s25	2s34	23n14	0n13	9s13	1n56	33s 0	15s20	23s32	23s30	23n38		n.a.	W 1
T 2	23 49	18 58	1 49	24 51	1 38	22 42	1 36	24 54	1 4	19 23	0 23	7 25	2 34	23 15	0 13	9 13	1 56	33 0	15 21	23 32	23 30	23 37		n.a.	T 2
F 3	23 50	15 9	2 48	24 36	1 34	22 26	1 35	24 54	1 4	19 26	0 23	7 24	2 35	23 15	0 13	9 13	1 56	33 1	15 21	23 32	23 30	23 35		n.a.	F 3
S 4	23 50	10 44	3 40	24 20	1 30	22 10	1 35	24 54	1 4	19 29	0 23	7 24	2 35	23 16	0 13	9 13	1 56	33 1	15 21	23 32	23 30	23 34		n.a.	S 4
S 5	23 50	5 50	4 23	24 2	1 25	21 54	1 34	24 54	1 4	19 32	0 23	7 24	2 35	23 16	0 13	9 13	1 56	33 2	15 21	23 32	23 31	23 33		n.a.	S 5
M 6	23 49	0 38	4 55	23 43	1 20	21 36	1 33	24 54	1 5	19 35	0 23	7 24	2 36	23 16	0 13	9 13	1 56	33 2	15 22	23 32	23 31	23 31		n.a.	M 6
T 7	23 48	4s44	5 14	23 23	1 14	21 19	1 32	24 53	1 5	19 38	0 23	7 24	2 36	23 17	0 13	9 12	1 56	33 3	15 22	23 32	23 31	23 30		n.a.	T 7
W 8	23 47	10 2	5 17	23 1	1 9	21 0	1 31	24 52	1 5	19 41	0 23	7 25	2 36	23 17	0 13	9 12	1 56	33 3	15 22	23 32	23 31	23 29		n.a.	W 8
T 9	23 45	15 3	5 3	22 38	1 3	20 41	1 29	24 52	1 5	19 44	0 23	7 25	2 36	23 18	0 13	9 12	1 55	33 4	15 22	23 32	23 31	23 27		n.a.	T 9
F 10	23 43	19 26	4 31	22 14	0 56	20 22	1 28	24 51	1 5	19 46	0 23	7 25	2 37	23 18	0 13	9 12	1 55	33 4	15 23	23 32	23 32	23 26		n.a.	F 10
S 11	23 41	22 50	3 42	21 50	0 49	20 2	1 27	24 49	1 6	19 49	0 22	7 25	2 37	23 18	0 13	9 12	1 55	33 5	15 23	23 32	23 32	23 25		n.a.	S 11
S 12	23 38	24 48	2 36	21 24	0 42	19 41	1 26	24 48	1 6	19 52	0 22	7 25	2 37	23 19	0 13	9 12	1 55	33 5	15 23	23 32	23 32	23 23		n.a.	S 12
M13	23 34	25 2	1 19	20 57	0 35	19 20	1 24	24 46	1 6	19 55	0 22	7 26	2 38	23 19	0 13	9 12	1 55	33 6	15 23	23 32	23 32	23 22		n.a.	M13
T 14	23 30	23 24	0n 5	20 30	0 28	18 58	1 23	24 45	1 6	19 57	0 22	7 26	2 38	23 20	0 13	9 12	1 55	33 6	15 23	23 32	23 32	23 21		n.a.	T 14
W15	23 26	20 4	1 28	20 2	0 20	18 36	1 21	24 43	1 6	20 0	0 22	7 27	2 38	23 20	0 13	9 12	1 55	33 7	15 24	23 32	23 33	23 19		n.a.	W15
T 16	23 21	15 25	2 44	19 34	0 12	18 13	1 19	24 40	1 7	20 3	0 22	7 27	2 39	23 20	0 13	9 12	1 55	33 7	15 24	23 32	23 33	23 18		n.a.	T 16
F 17	23 16	9 56	3 48	19 5	0 4	17 50	1 17	24 38	1 7	20 5	0 22	7 27	2 39	23 21	0 13	9 12	1 55	33 8	15 24	23 32	23 33	23 16		n.a.	F 17
S 18	23 11	4 4	4 36	18 36	0s 5	17 26	1 16	24 35	1 7	20 8	0 22	7 28	2 39	23 21	0 13	9 12	1 55	33 8	15 24	23 32	23 33	23 15		n.a.	S 18
S 19	23 5	1n49	5 6	18 6	0 13	17 2	1 14	24 33	1 7	20 10	0 22	7 29	2 39	23 21	0 13	9 12	1 55	33 9	15 24	23 32	23 34	23 14		n.a.	S 19
M20	22 58	7 26	5 17	17 36	0 22	16 38	1 12	24 30	1 7	20 13	0 22	7 29	2 40	23 22	0 13	9 12	1 55	33 9	15 25	23 32	23 34	23 12		n.a.	M20
T 21	22 51	12 32	5 12	17 6	0 31	16 13	1 9	24 27	1 7	20 15	0 22	7 30	2 40	23 22	0 13	9 12	1 55	33 10	15 25	23 32	23 34	23 11		n.a.	T 21
W22	22 44	16 58	4 52	16 36	0 40	15 47	1 7	24 23	1 8	20 18	0 22	7 31	2 40	23 22	0 13	9 12	1 55	33 10	15 25	23 32	23 34	23 9		n.a.	W22
T 23	22 36	20 34	4 18	16 6	0 49	15 22	1 5	24 20	1 8	20 20	0 22	7 31	2 41	23 23	0 13	9 12	1 55	33 11	15 25	23 32	23 34	23 8		n.a.	T 23
F 24	22 28	23 11	3 34	15 35	0 59	14 55	1 3	24 16	1 8	20 22	0 22	7 32	2 41	23 23	0 13	9 12	1 54	33 11	15 25	23 32	23 35	23 6		n.a.	F 24
S 25	22 20	24 44	2 40	15 5	1 8	14 29	1 0	24 12	1 8	20 25	0 22	7 33	2 41	23 23	0 13	9 12	1 54	33 12	15 25	23 32	23 35	23 5		n.a.	S 25
S 26	22 11	25 9	1 40	14 35	1 18	14 2	0 58	24 8	1 8	20 27	0 21	7 34	2 41	23 24	0 13	9 12	1 54	33 12	15 25	23 32	23 35	23 3		n.a.	S 26
M27	22 2	24 25	0 37	14 6	1 27	13 35	0 55	24 4	1 8	20 29	0 21	7 35	2 42	23 24	0 13	9 13	1 54	33 13	15 26	23 32	23 35	23 2		n.a.	M27
T 28	21 52	22 36	0s29	13 37	1 37	13 7	0 53	24 0	1 9	20 32	0 21	7 35	2 42	23 24	0 13	9 13	1 54	33 13	15 26	23 32	23 35	23 1		n.a.	T 28
W29	21 42	19 48	1 33	13 8	1 46	12 39	0 50	23 55	1 9	20 34	0 21	7 36	2 42	23 25	0 13	9 13	1 54	33 14	15 26	23 32	23 35	22 59		n.a.	W29
T 30	21 32	16 10	2 33	12 40	1 56	12 11	0 48	23 50	1 9	20 36	0 21	7 37	2 43	23 25	0 13	9 13	1 54	33 14	15 26	23 32	23 36	22 58		n.a.	T 30
F 31	21n21	11n52	3s27	12n12	2s 5	11n42	0n45	23n45	1n 9	20n38	0s21	7s38	2s43	23n25	0n13	9s13	1n54	33s15	15s26	23s32	23s36	22n56		n.a.	F 31

Julian Day Number = 1299740.5, Delta T = 07h51m29s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'41, Lahiri = -19°53'40 Julian Calendar 1 July 1155 BCE == Greg. Calendar 20 June 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

AUGUST 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 18	26♋40'05	1♍50	23♌34	2♍59	18♋32	2♊35	17°R 8	17♊14	28♎10	8°R30	8°R46	7♑45	11♋56	n.a.	S 1
S 2	19 58 14	27°38'28	14° 6	24°24	4°11	19°11	2°45	17♓ 6	17°17	28°10	8♒29	8♑43	7°42	12° 3	n.a.	S 2
M 3	20 2 11	28°36'54	26°36	25°11	5°23	19°49	2°55	17° 3	17°20	28°10	8°27	8°41	7°39	12° 9	n.a.	M 3
T 4	20 6 7	29°35'21	9♎20	25°54	6°34	20°28	3° 5	17° 1	17°23	28°11	8°26	8°38	7°36	12°16	n.a.	T 4
W 5	20 10 4	0♌33'50	22°23	26°34	7°46	21° 6	3°15	16°58	17°26	28°11	8°25	8°37	7°33	12°23	n.a.	W 5
T 6	20 14 0	1°32'20	5♏45	27°10	8°57	21°44	3°25	16°56	17°29	28°12	8°24	8°D37	7°29	12°29	n.a.	T 6
F 7	20 17 57	2°30'53	19°30	27°41	10° 9	22°23	3°35	16°53	17°32	28°12	8°23	8°38	7°26	12°36	n.a.	F 7
S 8	20 21 53	3°29'27	3♐38	28° 7	11°20	23° 1	3°45	16°50	17°35	28°13	8°21	8°39	7°23	12°43	n.a.	S 8
S 9	20 25 50	4°28'03	18° 7	28°29	12°31	23°40	3°54	16°48	17°38	28°13	8°20	8°41	7°20	12°49	n.a.	S 9
M10	20 29 47	5°26'41	2♑56	28°45	13°43	24°18	4° 4	16°45	17°40	28°14	8°19	8°R42	7°17	12°56	n.a.	M10
T 11	20 33 43	6°25'21	17°58	28°56	14°54	24°56	4°13	16°42	17°43	28°14	8°18	8°41	7°14	13° 3	n.a.	T 11
W12	20 37 40	7°24'02	3♒ 5	29°R 0	16° 5	25°35	4°22	16°39	17°46	28°15	8°16	8°40	7°10	13° 9	n.a.	W12
T 13	20 41 36	8°22'46	18° 8	28°58	17°16	26°13	4°31	16°35	17°48	28°16	8°15	8°37	7° 7	13°16	n.a.	T 13
F 14	20 45 33	9°21'32	2♓58	28°50	18°27	26°52	4°40	16°32	17°51	28°17	8°14	8°33	7° 4	13°23	n.a.	F 14
S 15	20 49 29	10°20'20	17°27	28°34	19°38	27°30	4°49	16°29	17°54	28°17	8°13	8°28	7° 1	13°29	n.a.	S 15
S 16	20 53 26	11°19'11	1♈31	28°11	20°49	28° 9	4°58	16°25	17°56	28°18	8°11	8°24	6°58	13°36	n.a.	S 16
M17	20 57 22	12°18'04	15° 7	27°41	22° 0	28°47	5° 7	16°22	17°59	28°19	8°10	8°20	6°54	13°42	n.a.	M17
T 18	21 1 19	13°16'59	28°15	27° 4	23°11	29°26	5°15	16°18	18° 1	28°20	8° 9	8°17	6°51	13°49	n.a.	T 18
W19	21 5 15	14°15'57	10♉59	26°19	24°21	0♌ 4	5°24	16°14	18° 4	28°21	8° 8	8°D16	6°48	13°56	n.a.	W19
T 20	21 9 12	15°14'57	23°21	25°29	25°32	0°43	5°32	16°11	18° 6	28°22	8° 7	8°16	6°45	14° 2	n.a.	T 20
F 21	21 13 9	16°14'00	5♊27	24°32	26°43	1°21	5°40	16° 7	18° 8	28°23	8° 5	8°17	6°42	14° 9	n.a.	F 21
S 22	21 17 5	17°13'05	17°21	23°30	27°53	2° 0	5°48	16° 3	18°11	28°24	8° 4	8°19	6°39	14°16	n.a.	S 22
S 23	21 21 2	18°12'12	29°10	22°25	29° 4	2°39	5°56	15°59	18°13	28°25	8° 3	8°21	6°35	14°22	n.a.	S 23
M24	21 24 58	19°11'22	10♋56	21°17	0♎14	3°17	6° 4	15°55	18°15	28°26	8° 2	8°R21	6°32	14°29	n.a.	M24
T 25	21 28 55	20°10'35	22°44	20° 8	1°25	3°56	6°11	15°51	18°17	28°27	8° 1	8°20	6°29	14°36	n.a.	T 25
W26	21 32 51	21° 9'49	4♌37	19° 1	2°35	4°34	6°19	15°47	18°19	28°28	7°59	8°16	6°26	14°42	n.a.	W26
T 27	21 36 48	22° 9'06	16°38	17°56	3°45	5°13	6°26	15°43	18°22	28°29	7°58	8°11	6°23	14°49	n.a.	T 27
F 28	21 40 44	23° 8'25	28°48	16°56	4°55	5°52	6°33	15°38	18°24	28°30	7°57	8° 4	6°20	14°56	n.a.	F 28
S 29	21 44 41	24° 7'46	11♍ 9	16° 2	6° 5	6°30	6°40	15°34	18°26	28°31	7°56	7°56	6°16	15° 2	n.a.	S 29
S 30	21 48 38	25° 7'09	23°40	15°17	7°15	7° 9	6°47	15°30	18°28	28°33	7°55	7°47	6°13	15° 9	n.a.	S 30
M31	21 52 34	26♌ 6'35	6♎24	14♌40	8♎25	7♌48	6♊54	15♓25	18♊29	28♎34	7♒53	7♑38	6♑10	15♋16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n10	7n 4	4s13	11n46	2s15	11n13	0n42	23n40	1n 9	20n40	0s21	7s40	2s43	23n26	0n13	9s13	1n54	33s15	15s26	23s32	23s36	22n55		n.a.
S 2	20 58	1 57	4 47	11 20	2 24	10 44	0 39	23 35	1 9	20 43	0 21	7 41	2 43	23 26	0 13	9 14	1 54	33 15	15 26	23 32	23 36	22 53		n.a.
M 3	20 47	3s20	5 8	10 56	2 34	10 15	0 36	23 29	1 10	20 45	0 21	7 42	2 44	23 26	0 13	9 14	1 54	33 16	15 26	23 33	23 36	22 52		n.a.
T 4	20 34	8 34	5 15	10 32	2 43	9 45	0 33	23 24	1 10	20 47	0 21	7 43	2 44	23 27	0 13	9 14	1 54	33 16	15 26	23 33	23 37	22 50		n.a.
W 5	20 22	13 34	5 6	10 10	2 52	9 16	0 30	23 18	1 10	20 49	0 21	7 44	2 44	23 27	0 13	9 14	1 54	33 17	15 26	23 33	23 37	22 49		n.a.
T 6	20 9	18 3	4 41	9 50	3 1	8 45	0 27	23 12	1 10	20 51	0 21	7 45	2 44	23 27	0 13	9 14	1 54	33 17	15 27	23 33	23 37	22 47		n.a.
F 7	19 55	21 43	3 59	9 31	3 9	8 15	0 24	23 6	1 10	20 53	0 21	7 47	2 45	23 28	0 13	9 15	1 54	33 18	15 27	23 33	23 37	22 46		n.a.
S 8	19 42	24 11	3 1	9 15	3 17	7 45	0 20	22 59	1 10	20 55	0 21	7 48	2 45	23 28	0 13	9 15	1 53	33 18	15 27	23 33	23 37	22 44		n.a.
S 9	19 28	25 8	1 51	9 0	3 25	7 14	0 17	22 53	1 10	20 56	0 21	7 49	2 45	23 28	0 13	9 15	1 53	33 18	15 27	23 33	23 38	22 43		n.a.
M10	19 13	24 20	0 32	8 48	3 32	6 43	0 14	22 46	1 10	20 58	0 20	7 51	2 45	23 28	0 13	9 15	1 53	33 19	15 27	23 33	23 38	22 41		n.a.
T 11	18 58	21 46	0n51	8 38	3 38	6 12	0 10	22 39	1 11	21 0	0 20	7 52	2 46	23 29	0 13	9 16	1 53	33 19	15 27	23 33	23 38	22 40		n.a.
W12	18 43	17 41	2 10	8 31	3 44	5 41	0 7	22 32	1 11	21 2	0 20	7 54	2 46	23 29	0 14	9 16	1 53	33 20	15 27	23 33	23 38	22 38		n.a.
T 13	18 28	12 29	3 20	8 28	3 48	5 10	0 3	22 25	1 11	21 4	0 20	7 55	2 46	23 29	0 14	9 16	1 53	33 20	15 27	23 33	23 38	22 37		n.a.
F 14	18 12	6 38	4 15	8 27	3 52	4 38	0s 0	22 17	1 11	21 5	0 20	7 57	2 46	23 30	0 14	9 17	1 53	33 20	15 27	23 33	23 38	22 35		n.a.
S 15	17 56	0 34	4 52	8 30	3 55	4 7	0 4	22 10	1 11	21 7	0 20	7 58	2 46	23 30	0 14	9 17	1 53	33 21	15 27	23 33	23 39	22 33		n.a.
S 16	17 40	5n21	5 10	8 37	3 56	3 35	0 7	22 2	1 11	21 9	0 20	8 0	2 47	23 30	0 14	9 17	1 53	33 21	15 27	23 34	23 39	22 32		n.a.
M17	17 23	10 48	5 10	8 47	3 56	3 3	0 11	21 54	1 11	21 10	0 20	8 1	2 47	23 30	0 14	9 18	1 53	33 21	15 27	23 34	23 39	22 30		n.a.
T 18	17 6	15 35	4 54	9 1	3 54	2 32	0 15	21 46	1 11	21 12	0 20	8 3	2 47	23 31	0 14	9 18	1 53	33 22	15 27	23 34	23 39	22 29		n.a.
W19	16 49	19 31	4 23	9 20	3 51	2 0	0 18	21 38	1 12	21 14	0 20	8 5	2 47	23 31	0 14	9 19	1 53	33 22	15 27	23 34	23 39	22 27		n.a.
T 20	16 32	22 29	3 41	9 42	3 46	1 28	0 22	21 29	1 12	21 15	0 20	8 6	2 48	23 31	0 14	9 19	1 53	33 22	15 27	23 34	23 39	22 26		n.a.
F 21	16 14	24 21	2 50	10 8	3 39	0 56	0 26	21 21	1 12	21 17	0 20	8 8	2 48	23 31	0 14	9 19	1 53	33 23	15 27	23 34	23 40	22 24		n.a.
S 22	15 56	25 5	1 52	10 37	3 29	0 24	0 30	21 12	1 12	21 18	0 20	8 10	2 48	23 31	0 14	9 20	1 53	33 23	15 27	23 34	23 40	22 22		n.a.
S 23	15 37	24 40	0 50	11 9	3 18	0s 8	0 34	21 3	1 12	21 20	0 20	8 11	2 48	23 32	0 14	9 20	1 52	33 23	15 27	23 34	23 40	22 21		n.a.
M24	15 19	23 8	0s14	11 44	3 5	0 40	0 38	20 54	1 12	21 21	0 20	8 13	2 48	23 32	0 14	9 21	1 52	33 24	15 27	23 34	23 40	22 19		n.a.
T 25	15 0	20 36	1 17	12 20	2 50	1 12	0 41	20 45	1 12	21 23	0 19	8 15	2 48	23 32	0 14	9 21	1 52	33 24	15 27	23 34	23 40	22 18		n.a.
W26	14 41	17 12	2 18	12 57	2 33	1 44	0 45	20 36	1 12	21 24	0 19	8 17	2 49	23 32	0 14	9 22	1 52	33 24	15 27	23 34	23 40	22 16		n.a.
T 27	14 21	13 3	3 12	13 34	2 15	2 16	0 49	20 26	1 12	21 25	0 19	8 18	2 49	23 33	0 14	9 22	1 52	33 25	15 27	23 34	23 41	22 14		n.a.
F 28	14 2	8 21	3 59	14 11	1 56	2 48	0 53	20 17	1 12	21 27	0 19	8 20	2 49	23 33	0 14	9 22	1 52	33 25	15 26	23 35	23 41	22 13		n.a.
S 29	13 42	3 16	4 35	14 46	1 36	3 20	0 57	20 7	1 12	21 28	0 19	8 22	2 49	23 33	0 14	9 23	1 52	33 25	15 26	23 35	23 41	22 11		n.a.
S 30	13 22	2s 0	4 58	15 19	1 16	3 52	1 1	19 57	1 12	21 29	0 19	8 24	2 49	23 33	0 14	9 23	1 52	33 25	15 26	23 36	23 41	22 10		n.a.
M31	13n 1	7s16	5s 7	15n49	0s56	4s23	1s 5	19n47	1n13	21n30	0s19	8s26	2s49	23n33	0n14	9s24	1n52	33s26	15s26	23s36	23s41	22n 8		n.a.

Julian Day Number = 1299771.5, Delta T = 07h51m27s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'37, Lahiri = -19°53'36 Julian Calendar 1 Aug. 1155 BCE == Greg. Calendar 21 July 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

SEPTEMBER 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 31	27♌ 6'02	19♎20	14°R13	9♎35	8♌26	7♊ 1	15°R21	18♊31	28♎35	7°R52	7°R31	6♑ 7	15♋22	n.a.	T 1
W 2	22 0 27	28° 5'31	2♏30	13♌57	10°45	9° 5	7° 7	15♓16	18°33	28°36	7♒51	7♑26	6° 4	15°29	n.a.	W 2
T 3	22 4 24	29° 5'02	15°53	13°D52	11°55	9°44	7°13	15°12	18°35	28°38	7°50	7°23	6° 0	15°35	n.a.	T 3
F 4	22 8 20	0♍ 4'36	29°33	13°57	13° 4	10°23	7°20	15° 7	18°37	28°39	7°49	7°D22	5°57	15°42	n.a.	F 4
S 5	22 12 17	1° 4'11	13♐28	14°13	14°14	11° 1	7°26	15° 3	18°38	28°41	7°48	7°23	5°54	15°49	n.a.	S 5
S 6	22 16 13	2° 3'48	27°40	14°40	15°23	11°40	7°31	14°58	18°40	28°42	7°47	7°24	5°51	15°55	n.a.	S 6
M 7	22 20 10	3° 3'27	12♑ 8	15°16	16°32	12°19	7°37	14°53	18°41	28°43	7°46	7°R24	5°48	16° 2	n.a.	M 7
T 8	22 24 6	4° 3'07	26°48	16° 0	17°42	12°58	7°43	14°48	18°43	28°45	7°44	7°23	5°45	16° 9	n.a.	T 8
W 9	22 28 3	5° 2'50	11♒35	16°53	18°51	13°37	7°48	14°44	18°44	28°46	7°43	7°19	5°41	16°15	n.a.	W 9
T 10	22 32 0	6° 2'34	26°23	17°53	20° 0	14°15	7°53	14°39	18°46	28°48	7°42	7°12	5°38	16°22	n.a.	T 10
F 11	22 35 56	7° 2'21	11♓ 3	19° 0	21° 8	14°54	7°58	14°34	18°47	28°49	7°41	7° 4	5°35	16°29	n.a.	F 11
S 12	22 39 53	8° 2'09	25°29	20°13	22°17	15°33	8° 3	14°29	18°49	28°51	7°40	6°54	5°32	16°35	n.a.	S 12
S 13	22 43 49	9° 2'00	9♈33	21°30	23°26	16°12	8° 7	14°25	18°50	28°53	7°39	6°44	5°29	16°42	n.a.	S 13
M14	22 47 46	10° 1'53	23°11	22°52	24°34	16°51	8°12	14°20	18°51	28°54	7°38	6°34	5°25	16°49	n.a.	M14
T 15	22 51 42	11° 1'49	6♉23	24°17	25°43	17°30	8°16	14°15	18°52	28°56	7°37	6°27	5°22	16°55	n.a.	T 15
W16	22 55 39	12° 1'47	19°10	25°45	26°51	18° 9	8°20	14°10	18°53	28°57	7°36	6°22	5°19	17° 2	n.a.	W16
T 17	22 59 35	13° 1'47	1♊34	27°16	27°59	18°47	8°24	14° 5	18°54	28°59	7°35	6°20	5°16	17° 9	n.a.	T 17
F 18	23 3 32	14° 1'49	13°41	28°49	29° 7	19°26	8°28	14° 0	18°55	29° 1	7°34	6°D19	5°13	17°15	n.a.	F 18
S 19	23 7 29	15° 1'54	25°36	0♍24	0♏15	20° 5	8°32	13°55	18°56	29° 3	7°33	6°19	5°10	17°22	n.a.	S 19
S 20	23 11 25	16° 2'01	7♋24	2° 0	1°23	20°44	8°35	13°50	18°57	29° 4	7°32	6°R20	5° 6	17°29	n.a.	S 20
M21	23 15 22	17° 2'10	19°11	3°37	2°30	21°23	8°38	13°46	18°58	29° 6	7°32	6°19	5° 3	17°35	n.a.	M21
T 22	23 19 18	18° 2'22	1♌ 2	5°15	3°38	22° 2	8°41	13°41	18°59	29° 8	7°31	6°16	5° 0	17°42	n.a.	T 22
W23	23 23 15	19° 2'35	13° 0	6°53	4°45	22°41	8°44	13°36	19° 0	29°10	7°30	6°10	4°57	17°48	n.a.	W23
T 24	23 27 11	20° 2'51	25°10	8°32	5°52	23°20	8°47	13°31	19° 0	29°12	7°29	6° 2	4°54	17°55	n.a.	T 24
F 25	23 31 8	21° 3'09	7♍33	10°11	6°59	23°59	8°50	13°26	19° 1	29°13	7°28	5°51	4°51	18° 2	n.a.	F 25
S 26	23 35 4	22° 3'28	20°10	11°50	8° 6	24°38	8°52	13°21	19° 1	29°15	7°27	5°38	4°47	18° 8	n.a.	S 26
S 27	23 39 1	23° 3'50	3♎ 2	13°29	9°13	25°18	8°54	13°17	19° 2	29°17	7°26	5°25	4°44	18°15	n.a.	S 27
M28	23 42 57	24° 4'13	16° 7	15° 8	10°19	25°57	8°56	13°12	19° 2	29°19	7°26	5°12	4°41	18°22	n.a.	M28
T 29	23 46 54	25° 4'38	29°24	16°48	11°25	26°36	8°58	13° 7	19° 3	29°21	7°25	5° 1	4°38	18°28	n.a.	T 29
W30	23 50 51	26♍ 5'05	12♏52	18♍26	12♏31	27♌15	8♊59	13♓ 3	19♊ 3	29♎23	7♒24	4♑52	4♑35	18♋35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n41	12s19	5s 1	16n15	0s36	4s55	1s 9	19n37	1n13	21n32	0s19	8s28	2s49	23n34	0n14	9s24	1n52	33s26	15s26	23s37	23s41	22n 6		n.a.
W 2	12 20	16 53	4 39	16 38	0 17	5 26	1 13	19 27	1 13	21 33	0 19	8 30	2 50	23 34	0 14	9 25	1 52	33 26	15 26	23 37	23 41	22 5		n.a.
T 3	11 59	20 42	4 1	16 57	0n 1	5 58	1 17	19 16	1 13	21 34	0 19	8 32	2 50	23 34	0 14	9 26	1 52	33 26	15 26	23 37	23 42	22 3		n.a.
F 4	11 38	23 27	3 9	17 12	0 18	6 29	1 21	19 6	1 13	21 35	0 19	8 33	2 50	23 34	0 14	9 26	1 52	33 26	15 26	23 37	23 42	22 1		n.a.
S 5	11 16	24 51	2 5	17 22	0 34	7 0	1 25	18 55	1 13	21 36	0 19	8 35	2 50	23 34	0 14	9 27	1 52	33 27	15 26	23 37	23 42	22 0		n.a.
S 6	10 55	24 41	0 52	17 28	0 48	7 31	1 29	18 44	1 13	21 37	0 19	8 37	2 50	23 34	0 14	9 27	1 52	33 27	15 26	23 37	23 42	21 58		n.a.
M 7	10 33	22 51	0n25	17 30	1 1	8 2	1 33	18 33	1 13	21 38	0 19	8 39	2 50	23 35	0 14	9 28	1 52	33 27	15 25	23 37	23 42	21 56		n.a.
T 8	10 11	19 28	1 42	17 27	1 13	8 33	1 37	18 22	1 13	21 39	0 19	8 41	2 50	23 35	0 14	9 28	1 52	33 27	15 25	23 37	23 42	21 55		n.a.
W 9	9 49	14 50	2 52	17 21	1 23	9 3	1 41	18 11	1 13	21 40	0 18	8 43	2 50	23 35	0 14	9 29	1 51	33 27	15 25	23 38	23 42	21 53		n.a.
T 10	9 27	9 19	3 51	17 11	1 32	9 33	1 45	17 59	1 13	21 41	0 18	8 45	2 50	23 35	0 14	9 30	1 51	33 28	15 25	23 38	23 43	21 51		n.a.
F 11	9 4	3 19	4 34	16 57	1 40	10 3	1 49	17 48	1 13	21 42	0 18	8 47	2 50	23 35	0 14	9 30	1 51	33 28	15 25	23 38	23 43	21 50		n.a.
S 12	8 42	2n43	4 58	16 40	1 46	10 33	1 53	17 36	1 13	21 43	0 18	8 49	2 50	23 35	0 14	9 31	1 51	33 28	15 25	23 39	23 43	21 48		n.a.
S 13	8 19	8 29	5 4	16 19	1 51	11 3	1 57	17 24	1 13	21 43	0 18	8 51	2 51	23 35	0 14	9 31	1 51	33 28	15 25	23 40	23 43	21 46		n.a.
M14	7 56	13 39	4 52	15 56	1 55	11 32	2 0	17 12	1 13	21 44	0 18	8 53	2 51	23 36	0 14	9 32	1 51	33 28	15 24	23 40	23 43	21 45		n.a.
T 15	7 33	18 1	4 24	15 30	1 58	12 1	2 4	17 0	1 13	21 45	0 18	8 55	2 51	23 36	0 14	9 33	1 51	33 28	15 24	23 40	23 43	21 43		n.a.
W16	7 10	21 23	3 44	15 2	2 0	12 30	2 8	16 48	1 13	21 46	0 18	8 57	2 51	23 36	0 14	9 33	1 51	33 28	15 24	23 41	23 43	21 41		n.a.
T 17	6 46	23 39	2 54	14 31	2 1	12 58	2 12	16 36	1 13	21 46	0 18	8 59	2 51	23 36	0 14	9 34	1 51	33 28	15 24	23 41	23 44	21 40		n.a.
F 18	6 23	24 46	1 58	13 58	2 2	13 27	2 15	16 23	1 13	21 47	0 18	9 1	2 51	23 36	0 14	9 35	1 51	33 29	15 24	23 41	23 44	21 38		n.a.
S 19	5 59	24 42	0 57	13 24	2 1	13 54	2 19	16 11	1 13	21 48	0 18	9 3	2 51	23 36	0 14	9 35	1 51	33 29	15 23	23 41	23 44	21 36		n.a.
S 20	5 36	23 32	0s 6	12 48	2 0	14 22	2 23	15 58	1 13	21 48	0 18	9 4	2 51	23 36	0 14	9 36	1 51	33 29	15 23	23 41	23 44	21 34		n.a.
M21	5 12	21 19	1 8	12 11	1 58	14 49	2 26	15 46	1 13	21 49	0 18	9 6	2 51	23 36	0 14	9 37	1 51	33 29	15 23	23 41	23 44	21 33		n.a.
T 22	4 48	18 11	2 7	11 32	1 56	15 16	2 30	15 33	1 13	21 50	0 18	9 8	2 51	23 36	0 14	9 37	1 51	33 29	15 23	23 41	23 44	21 31		n.a.
W23	4 24	14 17	3 2	10 53	1 53	15 43	2 33	15 20	1 13	21 50	0 17	9 10	2 51	23 36	0 14	9 38	1 51	33 29	15 23	23 41	23 44	21 29		n.a.
T 24	4 0	9 46	3 49	10 12	1 50	16 9	2 37	15 7	1 13	21 51	0 17	9 12	2 51	23 37	0 14	9 39	1 51	33 29	15 22	23 42	23 44	21 28		n.a.
F 25	3 36	4 47	4 25	9 31	1 46	16 35	2 40	14 54	1 13	21 51	0 17	9 14	2 51	23 37	0 14	9 39	1 51	33 29	15 22	23 42	23 45	21 26		n.a.
S 26	3 12	0s29	4 50	8 48	1 42	17 0	2 43	14 40	1 13	21 51	0 17	9 16	2 51	23 37	0 14	9 40	1 51	33 29	15 22	23 43	23 45	21 24		n.a.
S 27	2 48	5 48	5 0	8 6	1 38	17 25	2 46	14 27	1 13	21 52	0 17	9 18	2 51	23 37	0 15	9 41	1 51	33 29	15 22	23 43	23 45	21 22		n.a.
M28	2 24	10 58	4 55	7 22	1 33	17 50	2 50	14 14	1 13	21 52	0 17	9 19	2 51	23 37	0 15	9 42	1 51	33 29	15 21	23 44	23 45	21 21		n.a.
T 29	1 59	15 42	4 34	6 39	1 28	18 14	2 53	14 0	1 13	21 53	0 17	9 21	2 50	23 37	0 15	9 42	1 51	33 29	15 21	23 44	23 45	21 19		n.a.
W30	1n35	19s43	3s58	5n55	1n23	18s38	2s56	13n46	1n13	21n53	0s17	9s23	2s50	23n37	0n15	9s43	1n50	33s29	15s21	23s44	23s45	21n17		n.a.

Julian Day Number = 1299802.5, Delta T = 07h51m25s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'33, Lahiri = -19°53'32 Julian Calendar 1 Sept. 1155 BCE == Greg. Calendar 21 Aug. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

OCTOBER 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 47	27♍ 5'34	26♏28	20♍ 5	13♏37	27♌54	9♊ 0	12°R58	19♊ 3	29♎25	7°R23	4°R47	4♉31	18♋42	n.a.	T 1
F 2	23 58 44	28° 6'04	10♐14	21°44	14°43	28°33	9° 1	12♓53	19° 4	29°27	7♒23	4♉44	4°28	18°48	n.a.	F 2
S 3	0 2 40	29° 6'35	24° 8	23°22	15°48	29°12	9° 2	12°49	19° 4	29°29	7°22	4°43	4°25	18°55	n.a.	S 3
S 4	0 6 37	0♎ 7'08	8♉10	25° 0	16°54	29°52	9° 3	12°44	19° 4	29°31	7°21	4°43	4°22	19° 2	n.a.	S 4
M 5	0 10 33	1° 7'43	22°20	26°37	17°59	0♍31	9° 4	12°40	19° 4	29°33	7°21	4°42	4°19	19° 8	n.a.	M 5
T 6	0 14 30	2° 8'18	6♒37	28°14	19° 3	1°10	9° 4	12°35	19°R 4	29°35	7°20	4°40	4°16	19°15	n.a.	T 6
W 7	0 18 26	3° 8'55	20°59	29°51	20° 8	1°49	9°R 4	12°31	19° 4	29°37	7°19	4°34	4°12	19°22	n.a.	W 7
T 8	0 22 23	4° 9'34	5♓20	1♎28	21°12	2°28	9° 4	12°26	19° 4	29°39	7°19	4°26	4° 9	19°28	n.a.	T 8
F 9	0 26 20	5°10'13	19°37	3° 4	22°16	3° 8	9° 4	12°22	19° 4	29°41	7°18	4°15	4° 6	19°35	n.a.	F 9
S 10	0 30 16	6°10'55	3♈44	4°40	23°20	3°47	9° 3	12°18	19° 4	29°43	7°18	4° 3	4° 3	19°41	n.a.	S 10
S 11	0 34 13	7°11'37	17°34	6°16	24°23	4°26	9° 3	12°14	19° 3	29°46	7°17	3°50	4° 0	19°48	n.a.	S 11
M12	0 38 9	8°12'22	1♉ 4	7°52	25°27	5° 5	9° 2	12°10	19° 3	29°48	7°17	3°38	3°56	19°55	n.a.	M12
T 13	0 42 6	9°13'08	14°12	9°27	26°29	5°45	9° 1	12° 5	19° 3	29°50	7°16	3°28	3°53	20° 1	n.a.	T 13
W14	0 46 2	10°13'56	26°57	11° 2	27°32	6°24	8°59	12° 1	19° 2	29°52	7°16	3°21	3°50	20° 8	n.a.	W14
T 15	0 49 59	11°14'45	9♊23	12°37	28°34	7° 3	8°58	11°58	19° 2	29°54	7°15	3°16	3°47	20°15	n.a.	T 15
F 16	0 53 55	12°15'36	21°31	14°12	29°36	7°43	8°56	11°54	19° 1	29°56	7°15	3°14	3°44	20°21	n.a.	F 16
S 17	0 57 52	13°16'29	3♋27	15°46	0♐38	8°22	8°54	11°50	19° 1	29°59	7°14	3°D14	3°41	20°28	n.a.	S 17
S 18	1 1 49	14°17'23	15°16	17°21	1°39	9° 2	8°52	11°46	19° 0	0♏ 1	7°14	3°R14	3°37	20°35	n.a.	S 18
M19	1 5 45	15°18'19	27° 4	18°55	2°40	9°41	8°50	11°43	18°59	0° 3	7°14	3°13	3°34	20°41	n.a.	M19
T 20	1 9 42	16°19'17	8♌56	20°29	3°40	10°20	8°48	11°39	18°59	0° 5	7°13	3°11	3°31	20°48	n.a.	T 20
W21	1 13 38	17°20'15	20°57	22° 3	4°40	11° 0	8°45	11°36	18°58	0° 7	7°13	3° 7	3°28	20°55	n.a.	W21
T 22	1 17 35	18°21'16	3♍12	23°37	5°40	11°39	8°42	11°32	18°57	0°10	7°13	2°59	3°25	21° 1	n.a.	T 22
F 23	1 21 31	19°22'17	15°44	25°10	6°39	12°19	8°39	11°29	18°56	0°12	7°13	2°49	3°22	21° 8	n.a.	F 23
S 24	1 25 28	20°23'20	28°35	26°44	7°38	12°58	8°36	11°26	18°55	0°14	7°12	2°37	3°18	21°15	n.a.	S 24
S 25	1 29 24	21°24'24	11♎45	28°18	8°36	13°38	8°33	11°22	18°54	0°16	7°12	2°25	3°15	21°21	n.a.	S 25
M26	1 33 21	22°25'29	25°13	29°51	9°34	14°17	8°29	11°19	18°53	0°19	7°12	2°12	3°12	21°28	n.a.	M26
T 27	1 37 18	23°26'36	8♏55	1♏25	10°31	14°57	8°25	11°16	18°52	0°21	7°12	2° 2	3° 9	21°35	n.a.	T 27
W28	1 41 14	24°27'43	22°49	2°58	11°28	15°37	8°21	11°14	18°51	0°23	7°12	1°53	3° 6	21°41	n.a.	W28
T 29	1 45 11	25°28'51	6♐50	4°32	12°24	16°16	8°17	11°11	18°50	0°25	7°12	1°48	3° 2	21°48	n.a.	T 29
F 30	1 49 7	26°30'00	20°55	6° 5	13°20	16°56	8°13	11° 8	18°48	0°28	7°12	1°46	2°59	21°55	n.a.	F 30
S 31	1 53 4	27♎31'10	5♑ 2	7♏38	14♐15	17♍35	8♊ 8	11♓ 6	18♊47	0♏30	7♒12	1°D45	2♑56	22♋ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n10	22s43	3s 7	5n10	1n17	19s 1	2s59	13n33	1n13	21n53	0s17	9s25	2s50	23n37	0n15	9s44	1n50	33s29	15s21	23s45	23s45	21n15			n.a.
F 2	0 46	24 25	2 6	4 26	1 12	19 24	3 1	13 19	1 13	21 53	0 17	9 27	2 50	23 37	0 15	9 44	1 50	33 29	15 20	23 45	23 45	21 13			n.a.
S 3	0 22	24 38	0 56	3 41	1 6	19 46	3 4	13 5	1 13	21 54	0 17	9 28	2 50	23 37	0 15	9 45	1 50	33 29	15 20	23 45	23 45	21 12			n.a.
S 4	0s 3	23 16	0n18	2 56	1 0	20 8	3 7	12 51	1 13	21 54	0 17	9 30	2 50	23 37	0 15	9 46	1 50	33 29	15 20	23 45	23 46	21 10			n.a.
M 5	0 27	20 26	1 32	2 11	0 54	20 30	3 9	12 37	1 13	21 54	0 16	9 32	2 50	23 37	0 15	9 47	1 50	33 29	15 20	23 45	23 46	21 8			n.a.
T 6	0 52	16 21	2 40	1 26	0 48	20 50	3 12	12 22	1 13	21 54	0 16	9 33	2 50	23 37	0 15	9 47	1 50	33 29	15 19	23 45	23 46	21 6			n.a.
W 7	1 16	11 18	3 38	0 41	0 41	21 11	3 14	12 8	1 13	21 54	0 16	9 35	2 50	23 37	0 15	9 48	1 50	33 28	15 19	23 45	23 46	21 4			n.a.
T 8	1 41	5 38	4 23	0s 3	0 35	21 31	3 16	11 54	1 13	21 54	0 16	9 36	2 50	23 37	0 15	9 49	1 50	33 28	15 19	23 45	23 46	21 3			n.a.
F 9	2 5	0n16	4 51	0 48	0 29	21 50	3 19	11 39	1 13	21 54	0 16	9 38	2 50	23 37	0 15	9 50	1 50	33 28	15 19	23 46	23 46	21 1			n.a.
S 10	2 30	6 5	5 0	1 33	0 22	22 9	3 21	11 25	1 13	21 54	0 16	9 40	2 50	23 37	0 15	9 51	1 50	33 28	15 18	23 46	23 46	20 59			n.a.
S 11	2 54	11 29	4 52	2 17	0 16	22 27	3 23	11 10	1 13	21 54	0 16	9 41	2 49	23 37	0 15	9 51	1 50	33 28	15 18	23 47	23 46	20 57			n.a.
M12	3 18	16 12	4 27	3 2	0 9	22 44	3 24	10 55	1 13	21 54	0 16	9 43	2 49	23 37	0 15	9 52	1 50	33 28	15 18	23 47	23 46	20 55			n.a.
T 13	3 43	19 59	3 49	3 46	0 3	23 1	3 26	10 41	1 13	21 54	0 16	9 44	2 49	23 37	0 15	9 53	1 50	33 28	15 17	23 47	23 46	20 54			n.a.
W14	4 7	22 42	2 59	4 30	0s 4	23 18	3 28	10 26	1 13	21 54	0 16	9 45	2 49	23 37	0 15	9 54	1 50	33 28	15 17	23 47	23 47	20 52			n.a.
T 15	4 31	24 15	2 3	5 13	0 10	23 34	3 29	10 11	1 13	21 54	0 16	9 47	2 49	23 37	0 15	9 54	1 50	33 27	15 17	23 47	23 47	20 50			n.a.
F 16	4 55	24 35	1 2	5 57	0 17	23 49	3 31	9 56	1 13	21 54	0 15	9 48	2 49	23 37	0 15	9 55	1 50	33 27	15 17	23 48	23 47	20 48			n.a.
S 17	5 19	23 46	0s 1	6 40	0 23	24 4	3 32	9 41	1 12	21 54	0 15	9 50	2 49	23 37	0 15	9 56	1 50	33 27	15 16	23 48	23 47	20 46			n.a.
S 18	5 43	21 54	1 3	7 22	0 30	24 18	3 33	9 26	1 12	21 54	0 15	9 51	2 48	23 37	0 15	9 57	1 50	33 27	15 16	23 48	23 47	20 44			n.a.
M19	6 7	19 5	2 3	8 5	0 36	24 31	3 34	9 11	1 12	21 53	0 15	9 52	2 48	23 37	0 15	9 58	1 50	33 27	15 16	23 48	23 47	20 43			n.a.
T 20	6 31	15 28	2 57	8 47	0 42	24 44	3 34	8 55	1 12	21 53	0 15	9 53	2 48	23 37	0 15	9 58	1 50	33 27	15 15	23 48	23 47	20 41			n.a.
W21	6 55	11 12	3 45	9 28	0 48	24 56	3 35	8 40	1 12	21 53	0 15	9 55	2 48	23 37	0 15	9 59	1 50	33 26	15 15	23 48	23 47	20 39			n.a.
T 22	7 19	6 25	4 22	10 9	0 54	25 8	3 35	8 25	1 12	21 52	0 15	9 56	2 48	23 37	0 15	10 0	1 50	33 26	15 15	23 48	23 47	20 37			n.a.
F 23	7 42	1 17	4 49	10 50	1 0	25 19	3 36	8 9	1 12	21 52	0 15	9 57	2 47	23 37	0 15	10 1	1 50	33 26	15 14	23 48	23 47	20 35			n.a.
S 24	8 6	4s 1	5 1	11 30	1 6	25 29	3 36	7 54	1 12	21 52	0 15	9 58	2 47	23 37	0 15	10 2	1 50	33 26	15 14	23 48	23 47	20 33			n.a.
S 25	8 29	9 16	4 58	12 9	1 12	25 39	3 36	7 38	1 12	21 51	0 14	9 59	2 47	23 37	0 15	10 3	1 50	33 25	15 14	23 49	23 48	20 31			n.a.
M26	8 52	14 13	4 38	12 48	1 17	25 48	3 36	7 23	1 12	21 51	0 14	10 0	2 47	23 37	0 15	10 3	1 50	33 25	15 13	23 49	23 48	20 30			n.a.
T 27	9 15	18 31	4 2	13 27	1 23	25 56	3 35	7 7	1 11	21 50	0 14	10 1	2 47	23 37	0 15	10 4	1 50	33 25	15 13	23 49	23 48	20 28			n.a.
W28	9 38	21 52	3 11	14 5	1 28	26 4	3 35	6 51	1 11	21 50	0 14	10 2	2 46	23 36	0 15	10 5	1 50	33 25	15 13	23 49	23 48	20 26			n.a.
T 29	10 1	23 55	2 9	14 42	1 33	26 11	3 34	6 36	1 11	21 49	0 14	10 3	2 46	23 36	0 15	10 6	1 50	33 24	15 12	23 49	23 48	20 24			n.a.
F 30	10 23	24 28	0 57	15 18	1 38	26 18	3 33	6 20	1 11	21 48	0 14	10 4	2 46	23 36	0 15	10 7	1 50	33 24	15 12	23 49	23 48	20 22			n.a.
S 31	10s46	23s27	0n18	15s54	1s42	26s23	3s32	6n 4	1n11	21n48	0s14	10s 4	2s46	23n36	0n15	10s 7	1n50	33s24	15s12	23s49	23s48	20n20			n.a.

Julian Day Number = 1299832.5, Delta T = 07h51m24s
Ecliptic obliquity = 23°49'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'28, Lahiri = -19°53'28 Julian Calendar 1 Oct. 1155 BCE == Greg. Calendar 20 Sept. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

NOVEMBER 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 0	28♎32'20	19♑ 9	9♏11	15♐ 9	18♍15	8°R 3	11°R 3	18°R46	0♏32	7°R11	1♑46	2♑53	22♋ 8	n.a.	S 1
M 2	2 0 57	29°33'30	3♒15	10°45	16° 3	18°55	7♊59	11♓ 1	18♊44	0°34	7°D11	1°R46	2°50	22°15	n.a.	M 2
T 3	2 4 53	0♏34'41	17°18	12°18	16°56	19°34	7°54	10°58	18°43	0°37	7♒12	1°45	2°47	22°21	n.a.	T 3
W 4	2 8 50	1°35'52	1♓19	13°51	17°49	20°14	7°48	10°56	18°41	0°39	7°12	1°41	2°43	22°28	n.a.	W 4
T 5	2 12 47	2°37'04	15°14	15°24	18°40	20°54	7°43	10°54	18°40	0°41	7°12	1°35	2°40	22°34	n.a.	T 5
F 6	2 16 43	3°38'16	29° 3	16°56	19°31	21°33	7°38	10°52	18°38	0°43	7°12	1°26	2°37	22°41	n.a.	F 6
S 7	2 20 40	4°39'28	12♈42	18°29	20°22	22°13	7°32	10°50	18°37	0°46	7°12	1°17	2°34	22°48	n.a.	S 7
S 8	2 24 36	5°40'42	26° 8	20° 1	21°11	22°53	7°26	10°48	18°35	0°48	7°12	1° 6	2°31	22°54	n.a.	S 8
M 9	2 28 33	6°41'55	9♉19	21°32	21°59	23°32	7°20	10°47	18°33	0°50	7°12	0°57	2°28	23° 1	n.a.	M 9
T 10	2 32 29	7°43'09	22°13	23° 3	22°47	24°12	7°14	10°45	18°31	0°52	7°12	0°49	2°24	23° 8	n.a.	T 10
W11	2 36 26	8°44'24	4♊50	24°34	23°34	24°52	7° 8	10°44	18°30	0°55	7°13	0°43	2°21	23°14	n.a.	W11
T 12	2 40 22	9°45'39	17°10	26° 4	24°19	25°32	7° 1	10°43	18°28	0°57	7°13	0°39	2°18	23°21	n.a.	T 12
F 13	2 44 19	10°46'55	29°17	27°33	25° 4	26°11	6°55	10°41	18°26	0°59	7°13	0°D38	2°15	23°28	n.a.	F 13
S 14	2 48 16	11°48'11	11♋12	29° 1	25°48	26°51	6°48	10°40	18°24	1° 1	7°13	0°39	2°12	23°34	n.a.	S 14
S 15	2 52 12	12°49'28	23° 2	0♐28	26°31	27°31	6°41	10°39	18°22	1° 4	7°14	0°40	2° 8	23°41	n.a.	S 15
M16	2 56 9	13°50'45	4♌50	1°53	27°12	28°11	6°35	10°38	18°20	1° 6	7°14	0°42	2° 5	23°48	n.a.	M16
T 17	3 0 5	14°52'03	16°42	3°16	27°52	28°51	6°28	10°37	18°18	1° 8	7°14	0°R42	2° 2	23°54	n.a.	T 17
W18	3 4 2	15°53'21	28°43	4°37	28°31	29°31	6°20	10°37	18°16	1°10	7°15	0°41	1°59	24° 1	n.a.	W18
T 19	3 7 58	16°54'40	10♍58	5°56	29° 9	0♎10	6°13	10°36	18°14	1°12	7°15	0°38	1°56	24° 8	n.a.	T 19
F 20	3 11 55	17°55'59	23°32	7°11	29°46	0°50	6° 6	10°36	18°12	1°15	7°16	0°33	1°53	24°14	n.a.	F 20
S 21	3 15 52	18°57'18	6♎27	8°23	0♑21	1°30	5°58	10°35	18°10	1°17	7°16	0°27	1°49	24°21	n.a.	S 21
S 22	3 19 48	19°58'37	19°46	9°30	0°55	2°10	5°51	10°35	18° 7	1°19	7°17	0°20	1°46	24°28	n.a.	S 22
M23	3 23 45	20°59'57	3♏28	10°33	1°27	2°50	5°43	10°D35	18° 5	1°21	7°17	0°13	1°43	24°34	n.a.	M23
T 24	3 27 41	22° 1'16	17°31	11°30	1°58	3°30	5°36	10°35	18° 3	1°23	7°18	0° 6	1°40	24°41	n.a.	T 24
W25	3 31 38	23° 2'36	1♐49	12°21	2°27	4°10	5°28	10°35	18° 1	1°26	7°18	0° 2	1°37	24°48	n.a.	W25
T 26	3 35 34	24° 3'55	16°18	13° 5	2°54	4°50	5°20	10°36	17°58	1°28	7°19	29♐59	1°33	24°54	n.a.	T 26
F 27	3 39 31	25° 5'15	0♑52	13°40	3°20	5°30	5°12	10°36	17°56	1°30	7°19	29°D59	1°30	25° 1	n.a.	F 27
S 28	3 43 27	26° 6'33	15°24	14° 6	3°44	6°10	5° 5	10°36	17°54	1°32	7°20	29°59	1°27	25° 8	n.a.	S 28
S 29	3 47 24	27° 7'51	29°50	14°23	4° 6	6°50	4°57	10°37	17°51	1°34	7°21	0♑ 1	1°24	25°14	n.a.	S 29
M30	3 51 21	28♏ 9'09	14♒ 6	14°R28	4♑26	7♎30	4♊49	10♓38	17♊49	1♏36	7♒21	0♑ 2	1♑21	25♋21	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 8	20s56	1n32	16s29	1s47	26s28	3s30	5n48	1n11	21n47	0s14	10s 5	2s46	23n36	0n15	10s 8	1n50	33s23	15s11	23s49	23s48	20n18		n.a.
M 2	11 30	17 10	2 40	17 3	1 51	26 33	3 29	5 32	1 11	21 47	0 14	10 6	2 45	23 36	0 15	10 9	1 50	33 23	15 11	23 49	23 48	20 16		n.a.
T 3	11 52	12 26	3 38	17 36	1 55	26 37	3 27	5 16	1 10	21 46	0 13	10 6	2 45	23 36	0 15	10 10	1 50	33 23	15 11	23 49	23 48	20 14		n.a.
W 4	12 13	7 5	4 23	18 8	1 59	26 40	3 25	5 0	1 10	21 45	0 13	10 7	2 45	23 36	0 15	10 11	1 50	33 22	15 10	23 49	23 48	20 12		n.a.
T 5	12 35	1 25	4 53	18 39	2 2	26 42	3 23	4 44	1 10	21 44	0 13	10 8	2 45	23 36	0 15	10 11	1 50	33 22	15 10	23 49	23 48	20 11		n.a.
F 6	12 56	4n15	5 5	19 10	2 5	26 44	3 20	4 28	1 10	21 44	0 13	10 8	2 44	23 36	0 15	10 12	1 50	33 22	15 10	23 49	23 48	20 9		n.a.
S 7	13 17	9 40	4 59	19 39	2 7	26 46	3 18	4 12	1 10	21 43	0 13	10 9	2 44	23 35	0 15	10 13	1 50	33 21	15 9	23 50	23 48	20 7		n.a.
S 8	13 38	14 32	4 37	20 7	2 10	26 46	3 15	3 56	1 10	21 42	0 13	10 9	2 44	23 35	0 15	10 14	1 50	33 21	15 9	23 50	23 48	20 5		n.a.
M 9	13 58	18 37	4 0	20 33	2 11	26 46	3 12	3 40	1 9	21 41	0 13	10 10	2 44	23 35	0 15	10 15	1 50	33 21	15 9	23 50	23 49	20 3		n.a.
T 10	14 19	21 42	3 11	20 59	2 13	26 46	3 8	3 24	1 9	21 40	0 13	10 10	2 43	23 35	0 15	10 15	1 50	33 20	15 8	23 50	23 49	20 1		n.a.
W11	14 39	23 39	2 14	21 23	2 14	26 45	3 5	3 8	1 9	21 39	0 12	10 10	2 43	23 35	0 16	10 16	1 50	33 20	15 8	23 50	23 49	19 59		n.a.
T 12	14 59	24 24	1 12	21 45	2 14	26 43	3 1	2 51	1 9	21 38	0 12	10 11	2 43	23 35	0 16	10 17	1 50	33 20	15 8	23 50	23 49	19 57		n.a.
F 13	15 18	23 57	0 7	22 7	2 14	26 41	2 56	2 35	1 9	21 37	0 12	10 11	2 43	23 35	0 16	10 18	1 50	33 19	15 7	23 50	23 49	19 55		n.a.
S 14	15 37	22 24	0s57	22 26	2 13	26 38	2 52	2 19	1 8	21 36	0 12	10 11	2 42	23 34	0 16	10 18	1 50	33 19	15 7	23 50	23 49	19 53		n.a.
S 15	15 57	19 53	1 58	22 44	2 12	26 34	2 47	2 3	1 8	21 35	0 12	10 11	2 42	23 34	0 16	10 19	1 50	33 18	15 7	23 50	23 49	19 51		n.a.
M16	16 15	16 33	2 54	23 0	2 10	26 30	2 42	1 46	1 8	21 34	0 12	10 11	2 42	23 34	0 16	10 20	1 50	33 18	15 6	23 50	23 49	19 49		n.a.
T 17	16 34	12 33	3 43	23 14	2 7	26 26	2 37	1 30	1 8	21 33	0 12	10 11	2 42	23 34	0 16	10 21	1 50	33 17	15 6	23 50	23 49	19 47		n.a.
W18	16 52	8 0	4 23	23 26	2 4	26 20	2 31	1 14	1 8	21 32	0 11	10 11	2 41	23 34	0 16	10 22	1 50	33 17	15 6	23 50	23 49	19 45		n.a.
T 19	17 10	3 5	4 52	23 36	1 59	26 15	2 25	0 57	1 7	21 31	0 11	10 11	2 41	23 34	0 16	10 22	1 50	33 17	15 6	23 50	23 49	19 43		n.a.
F 20	17 27	2s 5	5 7	23 44	1 54	26 9	2 19	0 41	1 7	21 30	0 11	10 11	2 41	23 34	0 16	10 23	1 50	33 16	15 5	23 50	23 49	19 41		n.a.
S 21	17 45	7 18	5 8	23 50	1 47	26 2	2 12	0 25	1 7	21 29	0 11	10 11	2 41	23 33	0 16	10 24	1 50	33 16	15 5	23 50	23 49	19 39		n.a.
S 22	18 1	12 21	4 52	23 53	1 40	25 55	2 5	0 8	1 7	21 27	0 11	10 11	2 40	23 33	0 16	10 25	1 50	33 15	15 5	23 50	23 49	19 37		n.a.
M23	18 18	16 56	4 20	23 54	1 32	25 47	1 58	0s 8	1 6	21 26	0 11	10 11	2 40	23 33	0 16	10 25	1 50	33 15	15 4	23 50	23 49	19 35		n.a.
T 24	18 34	20 42	3 31	23 53	1 22	25 39	1 50	0 24	1 6	21 25	0 11	10 10	2 40	23 33	0 16	10 26	1 50	33 14	15 4	23 50	23 49	19 33		n.a.
W25	18 50	23 16	2 27	23 49	1 11	25 30	1 42	0 41	1 6	21 24	0 10	10 10	2 39	23 33	0 16	10 27	1 50	33 14	15 4	23 50	23 49	19 31		n.a.
T 26	19 6	24 20	1 14	23 43	0 59	25 21	1 33	0 57	1 5	21 22	0 10	10 10	2 39	23 32	0 16	10 28	1 50	33 13	15 3	23 50	23 49	19 29		n.a.
F 27	19 21	23 45	0n 5	23 34	0 46	25 12	1 25	1 14	1 5	21 21	0 10	10 9	2 39	23 32	0 16	10 28	1 50	33 13	15 3	23 50	23 49	19 27		n.a.
S 28	19 36	21 33	1 23	23 23	0 31	25 2	1 15	1 30	1 5	21 20	0 10	10 9	2 39	23 32	0 16	10 29	1 50	33 13	15 3	23 50	23 49	19 25		n.a.
S 29	19 50	17 59	2 36	23 9	0 16	24 52	1 6	1 46	1 5	21 19	0 10	10 8	2 38	23 32	0 16	10 30	1 50	33 12	15 2	23 50	23 49	19 23		n.a.
M30	20s 4	13s23	3n38	22s53	0n 1	24s41	0s56	2s 3	1n 4	21n17	0s10	10s 8	2s38	23n32	0n16	10s30	1n50	33s12	15s 2	23s50	23s50	19n21		n.a.

Julian Day Number = 1299863.5, Delta T = 07h51m22s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'24, Lahiri = -19°53'24 Julian Calendar 1 Nov. 1155 BCE == Greg. Calendar 21 Oct. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1155 BCE
geocentric

DECEMBER 1155 BCE (-1154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 17	29♏10'25	28♒12	14°R22	4♉44	8♎10	4°R41	10♓39	17°R46	1♏38	7♒22	0°R 3	1♉18	25♋28	n.a.	T 1
W 2	3 59 14	0♐11'41	12♓ 4	14♐ 5	5° 0	8°50	4♊33	10°39	17♊44	1°40	7°23	0♉ 2	1°14	25°34	n.a.	W 2
T 3	4 3 10	1°12'57	25°44	13°35	5°14	9°30	4°24	10°40	17°42	1°42	7°24	0° 0	1°11	25°41	n.a.	T 3
F 4	4 7 7	2°14'11	9♈11	12°54	5°25	10°10	4°16	10°42	17°39	1°44	7°24	29♐57	1° 8	25°48	n.a.	F 4
S 5	4 11 3	3°15'25	22°24	12° 3	5°34	10°50	4° 8	10°43	17°37	1°46	7°25	29°53	1° 5	25°54	n.a.	S 5
S 6	4 15 0	4°16'38	5♉25	11° 2	5°41	11°30	4° 0	10°44	17°34	1°48	7°26	29°48	1° 2	26° 1	n.a.	S 6
M 7	4 18 57	5°17'50	18°12	9°53	5°46	12°10	3°52	10°46	17°32	1°50	7°27	29°44	0°59	26° 7	n.a.	M 7
T 8	4 22 53	6°19'02	0♊47	8°38	5°R48	12°51	3°44	10°47	17°29	1°52	7°28	29°41	0°55	26°14	n.a.	T 8
W 9	4 26 50	7°20'13	13° 9	7°20	5°48	13°31	3°36	10°49	17°26	1°54	7°28	29°39	0°52	26°21	n.a.	W 9
T 10	4 30 46	8°21'23	25°19	6° 2	5°45	14°11	3°28	10°51	17°24	1°56	7°29	29°D38	0°49	26°27	n.a.	T 10
F 11	4 34 43	9°22'32	7♋20	4°45	5°39	14°51	3°20	10°53	17°21	1°58	7°30	29°38	0°46	26°34	n.a.	F 11
S 12	4 38 39	10°23'41	19°14	3°32	5°32	15°31	3°12	10°55	17°19	2° 0	7°31	29°39	0°43	26°41	n.a.	S 12
S 13	4 42 36	11°24'49	1♌ 2	2°25	5°21	16°11	3° 4	10°57	17°16	2° 2	7°32	29°40	0°39	26°47	n.a.	S 13
M14	4 46 32	12°25'57	12°51	1°24	5° 8	16°51	2°56	10°59	17°14	2° 4	7°33	29°42	0°36	26°54	n.a.	M14
T 15	4 50 29	13°27'04	24°42	0°32	4°53	17°32	2°48	11° 2	17°11	2° 5	7°34	29°43	0°33	27° 1	n.a.	T 15
W16	4 54 26	14°28'10	6♍42	29♏49	4°35	18°12	2°40	11° 4	17° 8	2° 7	7°35	29°44	0°30	27° 7	n.a.	W16
T 17	4 58 22	15°29'15	18°55	29°15	4°14	18°52	2°33	11° 7	17° 6	2° 9	7°36	29°R44	0°27	27°14	n.a.	T 17
F 18	5 2 19	16°30'20	1♎25	28°50	3°52	19°32	2°25	11° 9	17° 3	2°11	7°37	29°44	0°24	27°21	n.a.	F 18
S 19	5 6 15	17°31'23	14°16	28°34	3°27	20°12	2°17	11°12	17° 0	2°12	7°38	29°43	0°20	27°27	n.a.	S 19
S 20	5 10 12	18°32'26	27°33	28°D27	3° 0	20°53	2°10	11°15	16°58	2°14	7°39	29°41	0°17	27°34	n.a.	S 20
M21	5 14 8	19°33'29	11♏16	28°27	2°31	21°33	2° 2	11°18	16°55	2°16	7°40	29°40	0°14	27°41	n.a.	M21
T 22	5 18 5	20°34'30	25°24	28°35	2° 1	22°13	1°55	11°21	16°53	2°18	7°42	29°39	0°11	27°47	n.a.	T 22
W23	5 22 2	21°35'30	9♐56	28°51	1°28	22°54	1°48	11°24	16°50	2°19	7°43	29°38	0° 8	27°54	n.a.	W23
T 24	5 25 58	22°36'29	24°44	29°12	0°55	23°34	1°41	11°28	16°47	2°21	7°44	29°D38	0° 5	28° 1	n.a.	T 24
F 25	5 29 55	23°37'27	9♉41	29°40	0°20	24°14	1°34	11°31	16°45	2°22	7°45	29°38	0° 1	28° 7	n.a.	F 25
S 26	5 33 51	24°38'24	24°40	0♐13	29♐44	24°54	1°27	11°35	16°42	2°24	7°46	29°38	29♐58	28°14	n.a.	S 26
S 27	5 37 48	25°39'19	9♒32	0°51	29° 8	25°35	1°20	11°38	16°40	2°26	7°47	29°38	29°55	28°21	n.a.	S 27
M28	5 41 44	26°40'12	24°11	1°34	28°30	26°15	1°13	11°42	16°37	2°27	7°49	29°39	29°52	28°27	n.a.	M28
T 29	5 45 41	27°41'03	8♓31	2°20	27°53	26°55	1° 7	11°46	16°34	2°29	7°50	29°39	29°49	28°34	n.a.	T 29
W30	5 49 37	28°41'53	22°30	3°11	27°16	27°36	1° 0	11°50	16°32	2°30	7°51	29°39	29°45	28°41	n.a.	W30
T 31	5 53 34	29♐42'41	6♈ 8	4♐ 5	26♐39	28♎16	0♊54	11♓54	16♊29	2♏31	7♒52	29♐39	29♐42	28♋47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s18	8s 8	4n26	22s35	0n19	24s30	0s46	2s19	1n 4	21n16	0s10	10s 7	2s38	23n31	0n16	10s31	1n50	33s11	15s 2	23s50	23s50	19n19			n.a.
W 2	20 31	2 34	4 58	22 14	0 38	24 19	0 35	2 35	1 4	21 15	0 9	10 7	2 37	23 31	0 16	10 32	1 50	33 11	15 1	23 50	23 50	19 17			n.a.
T 3	20 44	3n 3	5 13	21 51	0 58	24 7	0 24	2 51	1 3	21 13	0 9	10 6	2 37	23 31	0 16	10 33	1 50	33 10	15 1	23 50	23 50	19 15			n.a.
F 4	20 57	8 25	5 9	21 26	1 17	23 55	0 12	3 8	1 3	21 12	0 9	10 5	2 37	23 31	0 16	10 33	1 50	33 10	15 1	23 50	23 50	19 13			n.a.
S 5	21 9	13 19	4 50	21 0	1 37	23 43	0 0	3 24	1 3	21 10	0 9	10 5	2 37	23 31	0 16	10 34	1 50	33 9	15 1	23 50	23 50	19 11			n.a.
S 6	21 21	17 32	4 15	20 33	1 56	23 31	0n12	3 40	1 2	21 9	0 9	10 4	2 36	23 30	0 16	10 35	1 50	33 9	15 0	23 50	23 50	19 9			n.a.
M 7	21 32	20 52	3 29	20 5	2 14	23 18	0 24	3 56	1 2	21 8	0 9	10 3	2 36	23 30	0 16	10 35	1 50	33 8	15 0	23 50	23 50	19 7			n.a.
T 8	21 43	23 8	2 32	19 37	2 31	23 5	0 37	4 13	1 2	21 6	0 8	10 2	2 36	23 30	0 16	10 36	1 50	33 8	15 0	23 50	23 50	19 5			n.a.
W 9	21 54	24 14	1 30	19 10	2 46	22 51	0 51	4 29	1 1	21 5	0 8	10 1	2 36	23 30	0 16	10 37	1 50	33 7	14 59	23 50	23 50	19 3			n.a.
T 10	22 4	24 9	0 24	18 44	2 59	22 38	1 4	4 45	1 1	21 4	0 8	10 0	2 35	23 29	0 16	10 37	1 50	33 7	14 59	23 50	23 50	19 1			n.a.
F 11	22 13	22 55	0s42	18 20	3 10	22 24	1 18	5 1	1 1	21 2	0 8	9 59	2 35	23 29	0 16	10 38	1 50	33 6	14 59	23 50	23 50	18 59			n.a.
S 12	22 22	20 41	1 46	17 58	3 18	22 10	1 33	5 17	1 0	21 1	0 8	9 58	2 35	23 29	0 16	10 38	1 50	33 6	14 59	23 50	23 50	18 57			n.a.
S 13	22 31	17 34	2 45	17 40	3 24	21 56	1 47	5 33	1 0	20 59	0 8	9 57	2 34	23 29	0 16	10 39	1 50	33 5	14 58	23 50	23 50	18 55			n.a.
M14	22 39	13 46	3 37	17 24	3 27	21 42	2 2	5 49	0 59	20 58	0 8	9 56	2 34	23 28	0 16	10 40	1 50	33 4	14 58	23 50	23 50	18 53			n.a.
T 15	22 47	9 25	4 20	17 12	3 28	21 28	2 17	6 5	0 59	20 57	0 7	9 55	2 34	23 28	0 16	10 40	1 50	33 4	14 58	23 50	23 50	18 51			n.a.
W16	22 55	4 41	4 52	17 4	3 28	21 13	2 32	6 21	0 59	20 55	0 7	9 54	2 34	23 28	0 16	10 41	1 50	33 3	14 58	23 50	23 50	18 49			n.a.
T 17	23 2	0s18	5 11	16 59	3 25	20 59	2 47	6 37	0 58	20 54	0 7	9 52	2 33	23 28	0 16	10 41	1 50	33 3	14 57	23 50	23 50	18 47			n.a.
F 18	23 8	5 24	5 17	16 57	3 21	20 44	3 3	6 53	0 58	20 52	0 7	9 51	2 33	23 27	0 16	10 42	1 51	33 2	14 57	23 50	23 50	18 44			n.a.
S 19	23 14	10 25	5 7	16 59	3 16	20 29	3 18	7 9	0 57	20 51	0 7	9 50	2 33	23 27	0 16	10 43	1 51	33 2	14 57	23 50	23 50	18 42			n.a.
S 20	23 20	15 7	4 41	17 4	3 9	20 15	3 33	7 24	0 57	20 50	0 7	9 48	2 33	23 27	0 16	10 43	1 51	33 1	14 57	23 50	23 50	18 40			n.a.
M21	23 25	19 12	3 57	17 11	3 2	20 0	3 48	7 40	0 56	20 48	0 6	9 47	2 32	23 27	0 16	10 44	1 51	33 1	14 56	23 50	23 50	18 38			n.a.
T 22	23 29	22 19	2 59	17 21	2 54	19 46	4 3	7 56	0 56	20 47	0 6	9 46	2 32	23 26	0 16	10 44	1 51	33 0	14 56	23 50	23 50	18 36			n.a.
W23	23 34	24 4	1 47	17 32	2 46	19 32	4 18	8 11	0 55	20 46	0 6	9 44	2 32	23 26	0 16	10 45	1 51	33 0	14 56	23 50	23 50	18 34			n.a.
T 24	23 37	24 11	0 27	17 46	2 37	19 18	4 32	8 27	0 55	20 44	0 6	9 43	2 32	23 26	0 16	10 45	1 51	32 59	14 56	23 50	23 50	18 32			n.a.
F 25	23 41	22 33	0n56	18 1	2 27	19 4	4 46	8 42	0 54	20 43	0 6	9 41	2 31	23 26	0 16	10 46	1 51	32 59	14 55	23 50	23 50	18 30			n.a.
S 26	23 43	19 20	2 15	18 17	2 18	18 50	5 0	8 58	0 54	20 42	0 6	9 39	2 31	23 25	0 16	10 46	1 51	32 58	14 55	23 50	23 50	18 28			n.a.
S 27	23 46	14 53	3 24	18 35	2 8	18 37	5 13	9 13	0 53	20 41	0 5	9 38	2 31	23 25	0 16	10 47	1 51	32 57	14 55	23 50	23 50	18 26			n.a.
M28	23 47	9 36	4 19	18 53	1 58	18 24	5 25	9 28	0 53	20 39	0 5	9 36	2 31	23 25	0 16	10 47	1 51	32 57	14 55	23 50	23 50	18 24			n.a.
T 29	23 49	3 56	4 57	19 13	1 48	18 12	5 37	9 44	0 52	20 38	0 5	9 34	2 30	23 25	0 16	10 48	1 51	32 56	14 55	23 50	23 50	18 21			n.a.
W30	23 49	1n48	5 15	19 32	1 38	18 0	5 48	9 59	0 52	20 37	0 5	9 33	2 30	23 24	0 16	10 48	1 51	32 56	14 54	23 50	23 50	18 19			n.a.
T 31	23s50	7n17	5n16	19s52	1n28	17s49	5n59	10s14	0n51	20n36	0s 5	9s31	2s30	23n24	0n16	10s49	1n51	32s55	14s54	23s50	23s50	18n17			n.a.

Julian Day Number = 1299893.5, Delta T = 07h51m21s
Ecliptic obliquity = 23°49'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'20, Lahiri = -19°53'20 Julian Calendar 1 Dec. 1155 BCE == Greg. Calendar 20 Nov. 1155 BCE

The year -1154 astronomical counting style corresponds to year 1155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

JANUARY 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 57 31	0♉43'27	19♈25	5♐ 1	26°R 2	28♎56	0°R48	11♓58	16°R27	2♏33	7♒54	29♐39	29♐39	28♋54	n.a.	F 1
S 2	6 1 27	1°44'12	2♉23	6° 1	25♐26	29°36	0♊42	12° 2	16♊24	2°34	7°55	29°39	29°36	29° 1	n.a.	S 2
S 3	6 5 24	2°44'54	15° 5	7° 4	24°52	0♏17	0°36	12° 6	16°22	2°36	7°56	29°40	29°33	29° 7	n.a.	S 3
M 4	6 9 20	3°45'35	27°33	8° 9	24°18	0°57	0°30	12°10	16°19	2°37	7°58	29°40	29°30	29°14	n.a.	M 4
T 5	6 13 17	4°46'15	9♊49	9°16	23°46	1°37	0°25	12°15	16°17	2°38	7°59	29°40	29°26	29°21	n.a.	T 5
W 6	6 17 13	5°46'52	21°56	10°25	23°16	2°18	0°19	12°19	16°14	2°39	8° 0	29°41	29°23	29°27	n.a.	W 6
T 7	6 21 10	6°47'28	3♋56	11°36	22°47	2°58	0°14	12°24	16°12	2°41	8° 2	29°R41	29°20	29°34	n.a.	T 7
F 8	6 25 6	7°48'02	15°50	12°49	22°20	3°38	0° 9	12°29	16°10	2°42	8° 3	29°40	29°17	29°41	n.a.	F 8
S 9	6 29 3	8°48'35	27°40	14° 4	21°56	4°19	0° 4	12°33	16° 7	2°43	8° 4	29°40	29°14	29°47	n.a.	S 9
S 10	6 33 0	9°49'05	9♌29	15°20	21°34	4°59	29♉59	12°38	16° 5	2°44	8° 6	29°38	29°11	29°54	n.a.	S 10
M11	6 36 56	10°49'35	21°19	16°38	21°14	5°40	29°55	12°43	16° 3	2°45	8° 7	29°37	29° 7	0♌ 1	n.a.	M11
T 12	6 40 53	11°50'02	3♍13	17°57	20°56	6°20	29°50	12°48	16° 0	2°47	8° 9	29°35	29° 4	0° 7	n.a.	T 12
W13	6 44 49	12°50'28	15°14	19°18	20°41	7° 0	29°46	12°53	15°58	2°48	8°10	29°33	29° 1	0°14	n.a.	W13
T 14	6 48 46	13°50'52	27°26	20°39	20°29	7°41	29°42	12°59	15°56	2°49	8°12	29°32	28°58	0°21	n.a.	T 14
F 15	6 52 42	14°51'15	9♎53	22° 3	20°19	8°21	29°38	13° 4	15°54	2°50	8°13	29°D31	28°55	0°27	n.a.	F 15
S 16	6 56 39	15°51'36	22°38	23°27	20°11	9° 1	29°34	13° 9	15°51	2°51	8°14	29°31	28°51	0°34	n.a.	S 16
S 17	7 0 35	16°51'56	5♏46	24°53	20° 6	9°42	29°31	13°15	15°49	2°52	8°16	29°32	28°48	0°41	n.a.	S 17
M18	7 4 32	17°52'14	19°20	26°20	20° 3	10°22	29°27	13°20	15°47	2°52	8°17	29°33	28°45	0°47	n.a.	M18
T 19	7 8 29	18°52'30	3♐21	27°47	20°D 3	11° 3	29°24	13°26	15°45	2°53	8°19	29°35	28°42	0°54	n.a.	T 19
W20	7 12 25	19°52'45	17°48	29°17	20° 5	11°43	29°21	13°31	15°43	2°54	8°20	29°36	28°39	1° 1	n.a.	W20
T 21	7 16 22	20°52'58	2♑39	0♑47	20°10	12°23	29°18	13°37	15°41	2°55	8°22	29°R36	28°36	1° 7	n.a.	T 21
F 22	7 20 18	21°53'09	17°45	2°18	20°17	13° 4	29°16	13°43	15°39	2°56	8°23	29°35	28°32	1°14	n.a.	F 22
S 23	7 24 15	22°53'18	2♒59	3°50	20°26	13°44	29°14	13°49	15°37	2°56	8°25	29°33	28°29	1°21	n.a.	S 23
S 24	7 28 11	23°53'25	18°11	5°24	20°37	14°25	29°11	13°54	15°35	2°57	8°26	29°30	28°26	1°27	n.a.	S 24
M25	7 32 8	24°53'30	3♓10	6°58	20°51	15° 5	29° 9	14° 0	15°33	2°58	8°28	29°27	28°23	1°34	n.a.	M25
T 26	7 36 4	25°53'32	17°49	8°34	21° 6	15°45	29° 7	14° 7	15°32	2°59	8°29	29°23	28°20	1°41	n.a.	T 26
W27	7 40 1	26°53'32	2♈ 3	10°11	21°24	16°26	29° 6	14°13	15°30	2°59	8°31	29°20	28°17	1°47	n.a.	W27
T 28	7 43 58	27°53'30	15°49	11°48	21°43	17° 6	29° 4	14°19	15°28	3° 0	8°32	29°18	28°13	1°54	n.a.	T 28
F 29	7 47 54	28°53'26	29° 8	13°27	22° 5	17°46	29° 3	14°25	15°26	3° 0	8°34	29°D18	28°10	2° 1	n.a.	F 29
S 30	7 51 51	29°53'19	12♉ 3	15° 7	22°28	18°27	29° 2	14°31	15°25	3° 1	8°36	29°18	28° 7	2° 7	n.a.	S 30
S 31	7 55 47	0♒53'10	24♉37	16♑49	22♐53	19♏ 7	29♉ 1	14♓38	15♊23	3♏ 1	8♒37	29♐20	28♐ 4	2♌14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	12n19	4n59	20s13	1n18	17s38	6n 9	10s29	0n51	20n35	0s 5	9s29	2s30	23n24	0n16	10s49	1n51	32s55	14s54	23s50	23s50	18n15		n.a.
S 2	23 49	16 40	4 28	20 33	1 8	17 28	6 18	10 44	0 50	20 34	0 4	9 27	2 29	23 24	0 16	10 50	1 51	32 54	14 54	23 50	23 50	18 13		n.a.
S 3	23 48	20 11	3 43	20 53	0 58	17 18	6 26	10 59	0 50	20 32	0 4	9 25	2 29	23 23	0 16	10 50	1 51	32 54	14 54	23 50	23 50	18 11		n.a.
M 4	23 47	22 41	2 49	21 13	0 49	17 10	6 33	11 14	0 49	20 31	0 4	9 23	2 29	23 23	0 16	10 50	1 51	32 53	14 53	23 50	23 50	18 9		n.a.
T 5	23 45	24 4	1 48	21 33	0 39	17 2	6 40	11 28	0 48	20 30	0 4	9 22	2 29	23 23	0 16	10 51	1 51	32 53	14 53	23 50	23 50	18 7		n.a.
W 6	23 42	24 18	0 43	21 53	0 30	16 55	6 45	11 43	0 48	20 29	0 4	9 20	2 28	23 23	0 16	10 51	1 51	32 52	14 53	23 50	23 50	18 4		n.a.
T 7	23 39	23 23	0s24	22 12	0 21	16 48	6 50	11 58	0 47	20 28	0 4	9 18	2 28	23 22	0 16	10 52	1 51	32 51	14 53	23 50	23 50	18 2		n.a.
F 8	23 36	21 25	1 29	22 31	0 12	16 43	6 54	12 12	0 47	20 27	0 4	9 15	2 28	23 22	0 16	10 52	1 51	32 51	14 53	23 50	23 50	18 0		n.a.
S 9	23 32	18 32	2 29	22 49	0 3	16 38	6 58	12 27	0 46	20 27	0 3	9 13	2 28	23 22	0 16	10 52	1 52	32 50	14 53	23 50	23 50	17 58		n.a.
S 10	23 28	14 54	3 23	23 6	0s 5	16 34	7 0	12 41	0 45	20 26	0 3	9 11	2 27	23 22	0 16	10 53	1 52	32 50	14 53	23 50	23 50	17 56		n.a.
M11	23 23	10 42	4 9	23 22	0 14	16 31	7 2	12 55	0 45	20 25	0 3	9 9	2 27	23 21	0 16	10 53	1 52	32 49	14 52	23 50	23 50	17 54		n.a.
T 12	23 18	6 5	4 44	23 38	0 22	16 29	7 3	13 9	0 44	20 24	0 3	9 7	2 27	23 21	0 16	10 53	1 52	32 49	14 52	23 50	23 50	17 52		n.a.
W13	23 12	1 12	5 7	23 53	0 29	16 27	7 4	13 24	0 43	20 23	0 3	9 5	2 27	23 21	0 16	10 54	1 52	32 48	14 52	23 50	23 50	17 49		n.a.
T 14	23 6	3s47	5 16	24 7	0 37	16 27	7 3	13 38	0 43	20 23	0 3	9 3	2 27	23 21	0 16	10 54	1 52	32 48	14 52	23 50	23 50	17 47		n.a.
F 15	22 59	8 44	5 11	24 20	0 44	16 27	7 3	13 51	0 42	20 22	0 2	9 0	2 26	23 20	0 16	10 54	1 52	32 47	14 52	23 50	23 50	17 45		n.a.
S 16	22 52	13 26	4 51	24 31	0 51	16 27	7 1	14 5	0 41	20 21	0 2	8 58	2 26	23 20	0 16	10 55	1 52	32 47	14 52	23 50	23 50	17 43		n.a.
S 17	22 45	17 40	4 16	24 42	0 58	16 29	7 0	14 19	0 41	20 21	0 2	8 56	2 26	23 20	0 16	10 55	1 52	32 46	14 52	23 50	23 50	17 41		n.a.
M18	22 37	21 7	3 25	24 51	1 5	16 31	6 57	14 33	0 40	20 20	0 2	8 53	2 26	23 20	0 16	10 55	1 52	32 46	14 52	23 50	23 50	17 38		n.a.
T 19	22 29	23 28	2 20	25 0	1 11	16 34	6 54	14 46	0 39	20 19	0 2	8 51	2 26	23 20	0 16	10 55	1 52	32 45	14 51	23 50	23 50	17 36		n.a.
W20	22 20	24 20	1 5	25 7	1 17	16 37	6 51	14 59	0 38	20 19	0 2	8 49	2 25	23 19	0 16	10 56	1 52	32 45	14 51	23 50	23 49	17 34		n.a.
T 21	22 11	23 31	0n17	25 12	1 22	16 41	6 48	15 13	0 38	20 18	0 2	8 46	2 25	23 19	0 16	10 56	1 52	32 44	14 51	23 50	23 49	17 32		n.a.
F 22	22 1	21 0	1 39	25 16	1 28	16 46	6 44	15 26	0 37	20 18	0 1	8 44	2 25	23 19	0 16	10 56	1 52	32 44	14 51	23 50	23 49	17 30		n.a.
S 23	21 51	17 0	2 54	25 19	1 33	16 51	6 39	15 39	0 36	20 18	0 1	8 41	2 25	23 19	0 16	10 56	1 52	32 43	14 51	23 50	23 49	17 28		n.a.
S 24	21 41	11 53	3 57	25 21	1 37	16 56	6 35	15 52	0 35	20 17	0 1	8 39	2 25	23 18	0 16	10 56	1 52	32 43	14 51	23 50	23 49	17 25		n.a.
M25	21 30	6 8	4 42	25 20	1 42	17 2	6 30	16 5	0 35	20 17	0 1	8 36	2 24	23 18	0 16	10 57	1 52	32 42	14 51	23 50	23 49	17 23		n.a.
T 26	21 19	0 11	5 8	25 19	1 46	17 8	6 24	16 17	0 34	20 17	0 1	8 34	2 24	23 18	0 16	10 57	1 52	32 42	14 51	23 50	23 49	17 21		n.a.
W27	21 7	5n37	5 14	25 15	1 49	17 15	6 19	16 30	0 33	20 17	0 1	8 31	2 24	23 18	0 16	10 57	1 53	32 41	14 51	23 50	23 49	17 19		n.a.
T 28	20 55	10 56	5 1	25 10	1 53	17 22	6 13	16 42	0 32	20 16	0 0	8 29	2 24	23 18	0 16	10 57	1 53	32 41	14 51	23 50	23 49	17 17		n.a.
F 29	20 43	15 35	4 33	25 3	1 56	17 29	6 7	16 55	0 31	20 16	0 0	8 26	2 24	23 18	0 16	10 57	1 53	32 40	14 51	23 50	23 49	17 14		n.a.
S 30	20 30	19 21	3 51	24 55	1 58	17 36	6 1	17 7	0 30	20 16	0 0	8 23	2 24	23 17	0 16	10 57	1 53	32 40	14 51	23 50	23 49	17 12		n.a.
S 31	20s17	22n 7	2n59	24s44	2s 0	17s44	5n55	17s19	0n29	20n16	0s 0	8s21	2s23	23n17	0n16	10s57	1n53	32s39	14s51	23s50	23s49	17n10		n.a.

Julian Day Number = 1299924.5, Delta T = 07h51m19s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'16, Lahiri = -19°53'15 Julian Calendar 1 Jan. 1154 BCE == Greg. Calendar 21 Dec. 1155 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

FEBRUARY 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 59 44	1♒52'58	6♊54	18♑31	23♐19	19♏47	29°R 1	14♓44	15°R22	3♏ 2	8♒39	29♐22	28♐ 1	2♌21	n.a.	M 1
T 2	8 3 40	2°52'44	19° 0	20°14	23°47	20°28	29♉ 0	14°51	15♊20	3° 2	8°40	29°23	27°57	2°27	n.a.	T 2
W 3	8 7 37	3°52'28	0♋56	21°59	24°17	21° 8	29° 0	14°57	15°19	3° 3	8°42	29°R23	27°54	2°34	n.a.	W 3
T 4	8 11 33	4°52'09	12°48	23°45	24°48	21°48	29°D 0	15° 4	15°17	3° 3	8°43	29°22	27°51	2°41	n.a.	T 4
F 5	8 15 30	5°51'49	24°37	25°32	25°21	22°29	29° 0	15°10	15°16	3° 3	8°45	29°20	27°48	2°47	n.a.	F 5
S 6	8 19 27	6°51'26	6♌26	27°20	25°55	23° 9	29° 1	15°17	15°14	3° 3	8°46	29°15	27°45	2°54	n.a.	S 6
S 7	8 23 23	7°51'00	18°17	29° 9	26°30	23°49	29° 1	15°24	15°13	3° 4	8°48	29° 9	27°42	3° 1	n.a.	S 7
M 8	8 27 20	8°50'33	0♍11	1♒ 0	27° 7	24°29	29° 2	15°30	15°12	3° 4	8°50	29° 1	27°38	3° 7	n.a.	M 8
T 9	8 31 16	9°50'04	12°11	2°52	27°45	25°10	29° 3	15°37	15°11	3° 4	8°51	28°54	27°35	3°14	n.a.	T 9
W10	8 35 13	10°49'32	24°19	4°45	28°24	25°50	29° 4	15°44	15° 9	3° 4	8°53	28°46	27°32	3°21	n.a.	W10
T 11	8 39 9	11°48'59	6♎36	6°39	29° 4	26°30	29° 5	15°51	15° 8	3° 4	8°54	28°40	27°29	3°28	n.a.	T 11
F 12	8 43 6	12°48'23	19° 5	8°34	29°46	27°11	29° 7	15°58	15° 7	3° 4	8°56	28°35	27°26	3°34	n.a.	F 12
S 13	8 47 2	13°47'46	1♏49	10°31	0♑28	27°51	29° 8	16° 5	15° 6	3° 5	8°57	28°33	27°23	3°41	n.a.	S 13
S 14	8 50 59	14°47'06	14°52	12°29	1°11	28°31	29°10	16°12	15° 5	3°R 5	8°59	28°D32	27°19	3°48	n.a.	S 14
M15	8 54 55	15°46'25	28°17	14°27	1°56	29°11	29°12	16°19	15° 4	3° 5	9° 0	28°32	27°16	3°54	n.a.	M15
T 16	8 58 52	16°45'43	12♐ 5	16°27	2°41	29°51	29°14	16°26	15° 3	3° 4	9° 2	28°34	27°13	4° 1	n.a.	T 16
W17	9 2 49	17°44'58	26°19	18°28	3°27	0♐32	29°17	16°33	15° 3	3° 4	9° 4	28°R34	27°10	4° 8	n.a.	W17
T 18	9 6 45	18°44'11	10♑57	20°30	4°14	1°12	29°19	16°41	15° 2	3° 4	9° 5	28°34	27° 7	4°14	n.a.	T 18
F 19	9 10 42	19°43'22	25°54	22°32	5° 2	1°52	29°22	16°48	15° 1	3° 4	9° 7	28°31	27° 3	4°21	n.a.	F 19
S 20	9 14 38	20°42'32	11♒ 5	24°35	5°51	2°32	29°25	16°55	15° 1	3° 4	9° 8	28°26	27° 0	4°28	n.a.	S 20
S 21	9 18 35	21°41'39	26°19	26°38	6°40	3°12	29°28	17° 3	15° 0	3° 4	9°10	28°19	26°57	4°34	n.a.	S 21
M22	9 22 31	22°40'43	11♓26	28°41	7°30	3°52	29°32	17°10	14°59	3° 3	9°11	28°11	26°54	4°41	n.a.	M22
T 23	9 26 28	23°39'46	26°15	0♈44	8°21	4°32	29°35	17°17	14°59	3° 3	9°13	28° 2	26°51	4°48	n.a.	T 23
W24	9 30 24	24°38'46	10♈40	2°46	9°12	5°12	29°39	17°25	14°58	3° 3	9°14	27°55	26°48	4°54	n.a.	W24
T 25	9 34 21	25°37'44	24°36	4°48	10° 4	5°52	29°43	17°32	14°58	3° 3	9°16	27°49	26°44	5° 1	n.a.	T 25
F 26	9 38 17	26°36'39	8♉ 3	6°49	10°57	6°32	29°47	17°40	14°58	3° 2	9°17	27°45	26°41	5° 8	n.a.	F 26
S 27	9 42 14	27°35'32	21° 1	8°49	11°50	7°12	29°51	17°47	14°57	3° 2	9°19	27°43	26°38	5°14	n.a.	S 27
S 28	9 46 11	28♒34'22	3♊36	10♈46	12♑44	7♐52	29♉55	17♈55	14♊57	3♏ 1	9♒20	27°D43	26♐35	5♌21	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 4	23n47	2n 0	24s32	2s 2	17s51	5n49	17s31	0n29	20n16	0n 0	8s18	2s23	23n17	0n16	10s58	1n53	32s39	14s51	23s50	23s49	17n 8		n.a.
T 2	19 50	24 18	0 57	24 18	2 3	17 59	5 42	17 43	0 28	20 16	0 0	8 15	2 23	23 17	0 16	10 58	1 53	32 38	14 51	23 50	23 49	17 6		n.a.
W 3	19 36	23 41	0s 8	24 2	2 4	18 7	5 36	17 54	0 27	20 16	0 0	8 13	2 23	23 17	0 16	10 58	1 53	32 38	14 51	23 50	23 49	17 3		n.a.
T 4	19 22	22 0	1 13	23 45	2 4	18 15	5 29	18 6	0 26	20 16	0 0	8 10	2 23	23 16	0 16	10 58	1 53	32 37	14 51	23 50	23 49	17 1		n.a.
F 5	19 7	19 22	2 13	23 25	2 4	18 23	5 22	18 17	0 25	20 16	0 1	8 7	2 23	23 16	0 16	10 58	1 53	32 37	14 51	23 50	23 49	16 59		n.a.
S 6	18 52	15 56	3 8	23 3	2 4	18 31	5 15	18 29	0 24	20 17	0 1	8 5	2 23	23 16	0 16	10 58	1 53	32 36	14 51	23 50	23 49	16 57		n.a.
S 7	18 36	11 53	3 55	22 40	2 3	18 39	5 8	18 40	0 23	20 17	0 1	8 2	2 22	23 16	0 16	10 58	1 53	32 36	14 51	23 50	23 49	16 54		n.a.
M 8	18 21	7 22	4 31	22 14	2 1	18 47	5 1	18 51	0 22	20 17	0 1	7 59	2 22	23 16	0 16	10 58	1 53	32 35	14 51	23 50	23 49	16 52		n.a.
T 9	18 5	2 33	4 56	21 46	1 59	18 55	4 54	19 2	0 21	20 18	0 1	7 56	2 22	23 16	0 16	10 58	1 53	32 35	14 51	23 50	23 49	16 50		n.a.
W10	17 48	2s25	5 8	21 16	1 56	19 2	4 47	19 13	0 20	20 18	0 1	7 53	2 22	23 16	0 16	10 58	1 53	32 35	14 51	23 50	23 49	16 48		n.a.
T 11	17 32	7 20	5 6	20 44	1 53	19 10	4 40	19 23	0 19	20 18	0 1	7 50	2 22	23 15	0 16	10 58	1 53	32 34	14 51	23 50	23 48	16 45		n.a.
F 12	17 15	12 3	4 50	20 10	1 50	19 17	4 33	19 34	0 18	20 19	0 2	7 48	2 22	23 15	0 16	10 58	1 53	32 34	14 51	23 49	23 48	16 43		n.a.
S 13	16 57	16 20	4 19	19 34	1 45	19 24	4 26	19 44	0 17	20 19	0 2	7 45	2 22	23 15	0 16	10 58	1 54	32 33	14 51	23 49	23 48	16 41		n.a.
S 14	16 40	19 58	3 34	18 56	1 40	19 31	4 18	19 54	0 16	20 20	0 2	7 42	2 21	23 15	0 16	10 58	1 54	32 33	14 51	23 49	23 48	16 39		n.a.
M15	16 22	22 38	2 36	18 16	1 35	19 38	4 11	20 4	0 15	20 20	0 2	7 39	2 21	23 15	0 16	10 58	1 54	32 33	14 51	23 49	23 48	16 36		n.a.
T 16	16 4	24 4	1 28	17 35	1 29	19 44	4 4	20 14	0 13	20 21	0 2	7 36	2 21	23 15	0 16	10 58	1 54	32 32	14 51	23 49	23 48	16 34		n.a.
W17	15 46	23 59	0 12	16 51	1 22	19 50	3 57	20 24	0 12	20 22	0 2	7 33	2 21	23 15	0 16	10 58	1 54	32 32	14 51	23 49	23 48	16 32		n.a.
T 18	15 27	22 16	1n 6	16 5	1 15	19 56	3 50	20 33	0 11	20 22	0 2	7 30	2 21	23 15	0 16	10 57	1 54	32 31	14 51	23 49	23 48	16 30		n.a.
F 19	15 9	19 0	2 22	15 17	1 8	20 2	3 42	20 43	0 10	20 23	0 2	7 27	2 21	23 15	0 16	10 57	1 54	32 31	14 51	23 49	23 48	16 27		n.a.
S 20	14 50	14 24	3 28	14 28	0 59	20 7	3 35	20 52	0 9	20 24	0 3	7 24	2 21	23 15	0 16	10 57	1 54	32 31	14 51	23 49	23 48	16 25		n.a.
S 21	14 30	8 53	4 20	13 38	0 50	20 12	3 28	21 1	0 8	20 25	0 3	7 21	2 21	23 14	0 16	10 57	1 54	32 30	14 51	23 49	23 48	16 23		n.a.
M22	14 11	2 53	4 53	12 46	0 41	20 16	3 21	21 10	0 7	20 26	0 3	7 18	2 21	23 14	0 16	10 57	1 54	32 30	14 52	23 49	23 48	16 21		n.a.
T 23	13 51	3n 9	5 6	11 53	0 31	20 20	3 14	21 19	0 5	20 26	0 3	7 15	2 21	23 14	0 16	10 57	1 54	32 30	14 52	23 49	23 48	16 18		n.a.
W24	13 31	8 51	4 58	10 58	0 21	20 24	3 7	21 27	0 4	20 27	0 3	7 12	2 20	23 14	0 16	10 57	1 54	32 29	14 52	23 49	23 48	16 16		n.a.
T 25	13 11	13 54	4 33	10 3	0 10	20 27	3 0	21 36	0 3	20 28	0 3	7 9	2 20	23 14	0 16	10 56	1 54	32 29	14 52	23 49	23 47	16 14		n.a.
F 26	12 51	18 6	3 54	9 8	0n 1	20 30	2 53	21 44	0 2	20 29	0 3	7 6	2 20	23 14	0 16	10 56	1 54	32 29	14 52	23 49	23 47	16 11		n.a.
S 27	12 30	21 15	3 3	8 12	0 13	20 32	2 46	21 52	0 0	20 30	0 3	7 3	2 20	23 14	0 16	10 56	1 54	32 28	14 52	23 49	23 47	16 9		n.a.
S 28	12s10	23n16	2n 5	7s16	0n24	20s34	2n39	22s 0	0s 1	20n31	0n 4	7s 0	2s20	23n14	0n16	10s56	1n54	32s28	14s52	23s49	23s47	16n 7		n.a.

Julian Day Number = 1299955.5, Delta T = 07h51m17s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'12, Lahiri = -19°53'11 Julian Calendar 1 Feb. 1154 BCE == Greg. Calendar 21 Jan. 1154 BCE

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

MARCH 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 50 7	29♒33'11	15♊52	12♓42	13♉38	8♐32	29♉59	18♓ 2	14°R57	3°R 1	9♒22	27♐44	26♐32	5♌28	n.a.	M 1
T 2	9 54 4	0♓31'56	27°53	14°35	14°33	9°12	0♊ 5	18°10	14♊57	3♏ 0	9°23	27°R44	26°29	5°34	n.a.	T 2
W 3	9 58 0	1°30'40	9♋46	16°25	15°29	9°52	0°10	18°17	14°57	3° 0	9°25	27°43	26°25	5°41	n.a.	W 3
T 4	10 1 57	2°29'21	21°34	18°12	16°24	10°31	0°15	18°25	14°D57	2°59	9°26	27°40	26°22	5°48	n.a.	T 4
F 5	10 5 53	3°28'00	3♌22	19°56	17°21	11°11	0°20	18°33	14°57	2°59	9°28	27°35	26°19	5°54	n.a.	F 5
S 6	10 9 50	4°26'36	15°13	21°35	18°18	11°51	0°25	18°40	14°57	2°58	9°29	27°27	26°16	6° 1	n.a.	S 6
S 7	10 13 46	5°25'10	27° 8	23°11	19°15	12°30	0°31	18°48	14°57	2°57	9°31	27°17	26°13	6° 8	n.a.	S 7
M 8	10 17 43	6°23'43	9♍10	24°42	20°13	13°10	0°36	18°56	14°57	2°57	9°32	27° 4	26° 9	6°14	n.a.	M 8
T 9	10 21 40	7°22'13	21°21	26° 8	21°11	13°50	0°42	19° 3	14°58	2°56	9°33	26°52	26° 6	6°21	n.a.	T 9
W10	10 25 36	8°20'41	3♎40	27°30	22° 9	14°29	0°48	19°11	14°58	2°55	9°35	26°39	26° 3	6°28	n.a.	W10
T 11	10 29 33	9°19'07	16° 9	28°47	23° 8	15° 9	0°54	19°19	14°58	2°54	9°36	26°29	26° 0	6°34	n.a.	T 11
F 12	10 33 29	10°17'32	28°48	29°59	24° 7	15°48	1° 1	19°27	14°59	2°54	9°38	26°20	25°57	6°41	n.a.	F 12
S 13	10 37 26	11°15'54	11♏40	1♈ 5	25° 7	16°28	1° 7	19°34	14°59	2°53	9°39	26°14	25°54	6°48	n.a.	S 13
S 14	10 41 22	12°14'15	24°47	2° 7	26° 7	17° 7	1°14	19°42	15° 0	2°52	9°40	26°11	25°50	6°54	n.a.	S 14
M15	10 45 19	13°12'35	8♐ 9	3° 2	27° 7	17°47	1°20	19°50	15° 0	2°51	9°42	26°10	25°47	7° 1	n.a.	M15
T 16	10 49 15	14°10'52	21°51	3°53	28° 8	18°26	1°27	19°58	15° 1	2°50	9°43	26°10	25°44	7° 8	n.a.	T 16
W17	10 53 12	15° 9'08	5♉52	4°38	29° 9	19° 5	1°34	20° 6	15° 1	2°49	9°44	26°10	25°41	7°15	n.a.	W17
T 18	10 57 8	16° 7'23	20°13	5°17	0♒10	19°45	1°41	20°13	15° 2	2°48	9°46	26° 8	25°38	7°21	n.a.	T 18
F 19	11 1 5	17° 5'36	4♒53	5°50	1°12	20°24	1°48	20°21	15° 3	2°47	9°47	26° 4	25°34	7°28	n.a.	F 19
S 20	11 5 2	18° 3'47	19°46	6°18	2°14	21° 3	1°56	20°29	15° 4	2°46	9°48	25°58	25°31	7°35	n.a.	S 20
S 21	11 8 58	19° 1'56	4♓45	6°40	3°16	21°42	2° 3	20°37	15° 5	2°45	9°49	25°48	25°28	7°41	n.a.	S 21
M22	11 12 55	20° 0'04	19°42	6°56	4°18	22°21	2°11	20°45	15° 6	2°44	9°51	25°37	25°25	7°48	n.a.	M22
T 23	11 16 51	20°58'09	4♈26	7° 7	5°21	23° 0	2°19	20°52	15° 7	2°43	9°52	25°26	25°22	7°55	n.a.	T 23
W24	11 20 48	21°56'13	18°50	7°R13	6°23	23°39	2°27	21° 0	15° 8	2°42	9°53	25°15	25°19	8° 1	n.a.	W24
T 25	11 24 44	22°54'15	2♉48	7°12	7°27	24°18	2°35	21° 8	15° 9	2°41	9°54	25° 7	25°15	8° 8	n.a.	T 25
F 26	11 28 41	23°52'15	16°18	7° 7	8°30	24°56	2°43	21°16	15°10	2°40	9°56	25° 0	25°12	8°15	n.a.	F 26
S 27	11 32 37	24°50'13	29°20	6°57	9°33	25°35	2°51	21°24	15°11	2°39	9°57	24°57	25° 9	8°21	n.a.	S 27
S 28	11 36 34	25°48'09	11♊58	6°42	10°37	26°13	3° 0	21°32	15°12	2°37	9°58	24°55	25° 6	8°28	n.a.	S 28
M29	11 40 30	26°46'03	24°16	6°22	11°41	26°52	3° 8	21°39	15°14	2°36	9°59	24°55	25° 3	8°35	n.a.	M29
T 30	11 44 27	27°43'56	6♋19	5°59	12°45	27°30	3°17	21°47	15°15	2°35	10° 0	24°55	25° 0	8°41	n.a.	T 30
W31	11 48 24	28♓41'46	18♋12	5♈32	13♒50	28♐ 9	3♊26	21♓55	15♊16	2♏34	10♒ 1	24♐54	24♐56	8♌48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	11s49	24n 7	1n 3	6s21	0n36	20s36	2n32	22s 8	0s 2	20n33	0n 4	6s57	2s20	23n14	0n16	10s56	1n54	32s28	14s52	23s49	23s47	16n 5			n.a.
T 2	11 28	23 48	0s 1	5 26	0 48	20 37	2 25	22 15	0 4	20 34	0 4	6 54	2 20	23 14	0 16	10 55	1 54	32 27	14 53	23 49	23 47	16 2			n.a.
W 3	11 7	22 24	1 4	4 31	1 0	20 37	2 19	22 23	0 5	20 35	0 4	6 51	2 20	23 14	0 16	10 55	1 55	32 27	14 53	23 49	23 47	16 0			n.a.
T 4	10 45	20 2	2 4	3 38	1 12	20 37	2 12	22 30	0 6	20 36	0 4	6 48	2 20	23 14	0 16	10 55	1 55	32 27	14 53	23 49	23 47	15 58			n.a.
F 5	10 24	16 50	2 58	2 46	1 24	20 37	2 5	22 37	0 8	20 37	0 4	6 44	2 20	23 14	0 16	10 55	1 55	32 27	14 53	23 49	23 47	15 55			n.a.
S 6	10 2	12 58	3 45	1 56	1 35	20 36	1 59	22 44	0 9	20 38	0 4	6 41	2 20	23 14	0 16	10 54	1 55	32 26	14 53	23 48	23 47	15 53			n.a.
S 7	9 41	8 35	4 22	1 8	1 46	20 34	1 52	22 50	0 11	20 40	0 4	6 38	2 20	23 14	0 16	10 54	1 55	32 26	14 53	23 48	23 47	15 51			n.a.
M 8	9 19	3 50	4 47	0 21	1 57	20 32	1 46	22 57	0 12	20 41	0 4	6 35	2 20	23 14	0 16	10 54	1 55	32 26	14 53	23 48	23 47	15 48			n.a.
T 9	8 57	1s 6	5 0	0n23	2 7	20 30	1 40	23 3	0 13	20 42	0 5	6 32	2 20	23 14	0 16	10 54	1 55	32 25	14 54	23 48	23 46	15 46			n.a.
W10	8 35	6 2	4 59	1 5	2 17	20 27	1 33	23 10	0 15	20 44	0 5	6 29	2 20	23 14	0 16	10 53	1 55	32 25	14 54	23 47	23 46	15 44			n.a.
T 11	8 12	10 48	4 44	1 44	2 26	20 23	1 27	23 16	0 16	20 45	0 5	6 26	2 20	23 14	0 16	10 53	1 55	32 25	14 54	23 47	23 46	15 41			n.a.
F 12	7 50	15 11	4 15	2 21	2 34	20 19	1 21	23 21	0 18	20 47	0 5	6 23	2 20	23 14	0 16	10 53	1 55	32 25	14 54	23 47	23 46	15 39			n.a.
S 13	7 27	18 57	3 33	2 54	2 42	20 14	1 15	23 27	0 19	20 48	0 5	6 20	2 19	23 14	0 16	10 52	1 55	32 25	14 54	23 47	23 46	15 37			n.a.
S 14	7 5	21 50	2 38	3 25	2 49	20 9	1 9	23 33	0 21	20 50	0 5	6 16	2 19	23 14	0 16	10 52	1 55	32 24	14 55	23 47	23 46	15 35			n.a.
M15	6 42	23 34	1 34	3 53	2 54	20 3	1 3	23 38	0 23	20 51	0 5	6 13	2 19	23 14	0 16	10 52	1 55	32 24	14 55	23 47	23 46	15 32			n.a.
T 16	6 19	23 57	0 23	4 18	2 59	19 57	0 57	23 43	0 24	20 53	0 5	6 10	2 19	23 14	0 16	10 51	1 55	32 24	14 55	23 47	23 46	15 30			n.a.
W17	5 57	22 51	0n51	4 40	3 3	19 50	0 51	23 48	0 26	20 54	0 5	6 7	2 19	23 15	0 16	10 51	1 55	32 24	14 55	23 47	23 46	15 28			n.a.
T 18	5 34	20 15	2 4	4 58	3 6	19 42	0 46	23 53	0 27	20 56	0 6	6 4	2 19	23 15	0 16	10 51	1 55	32 24	14 55	23 46	23 46	15 25			n.a.
F 19	5 11	16 18	3 9	5 14	3 8	19 34	0 40	23 58	0 29	20 57	0 6	6 1	2 19	23 15	0 16	10 50	1 55	32 23	14 56	23 46	23 45	15 23			n.a.
S 20	4 48	11 17	4 3	5 26	3 9	19 26	0 35	24 2	0 31	20 59	0 6	5 58	2 19	23 15	0 16	10 50	1 55	32 23	14 56	23 46	23 45	15 21			n.a.
S 21	4 25	5 34	4 41	5 34	3 9	19 17	0 29	24 6	0 32	21 1	0 6	5 54	2 19	23 15	0 16	10 49	1 55	32 23	14 56	23 46	23 45	15 18			n.a.
M22	4 1	0n26	4 59	5 39	3 7	19 7	0 24	24 10	0 34	21 2	0 6	5 51	2 19	23 15	0 16	10 49	1 55	32 23	14 56	23 45	23 45	15 16			n.a.
T 23	3 38	6 19	4 57	5 41	3 4	18 57	0 19	24 14	0 36	21 4	0 6	5 48	2 19	23 15	0 16	10 49	1 55	32 23	14 57	23 45	23 45	15 13			n.a.
W24	3 15	11 44	4 36	5 39	3 0	18 46	0 13	24 18	0 37	21 6	0 6	5 45	2 19	23 15	0 16	10 48	1 56	32 23	14 57	23 45	23 45	15 11			n.a.
T 25	2 52	16 22	3 59	5 34	2 55	18 35	0 8	24 22	0 39	21 7	0 6	5 42	2 19	23 15	0 16	10 48	1 56	32 23	14 57	23 44	23 45	15 9			n.a.
F 26	2 28	20 0	3 9	5 26	2 48	18 23	0 3	24 25	0 41	21 9	0 6	5 39	2 19	23 15	0 16	10 47	1 56	32 22	14 57	23 44	23 45	15 6			n.a.
S 27	2 5	22 28	2 11	5 14	2 40	18 11	0s 2	24 28	0 43	21 11	0 6	5 36	2 19	23 16	0 16	10 47	1 56	32 22	14 58	23 44	23 44	15 4			n.a.
S 28	1 42	23 43	1 8	5 0	2 31	17 58	0 6	24 31	0 45	21 12	0 7	5 33	2 19	23 16	0 16	10 46	1 56	32 22	14 58	23 44	23 44	15 2			n.a.
M29	1 18	23 46	0 3	4 43	2 20	17 44	0 11	24 34	0 46	21 14	0 7	5 29	2 19	23 16	0 16	10 46	1 56	32 22	14 58	23 44	23 44	14 59			n.a.
T 30	0 55	22 41	1s 0	4 22	2 8	17 31	0 16	24 37	0 48	21 16	0 7	5 26	2 19	23 16	0 16	10 46	1 56	32 22	14 58	23 44	23 44	14 57			n.a.
W31	0s32	20n35	2s 0	4n 0	1n56	17s16	0s20	24s39	0s50	21n18	0n 7	5s23	2s20	23n16	0n16	10s45	1n56	32s22	14s59	23s44	23s44	14n55			n.a.

Julian Day Number = 1299983.5, Delta T = 07h51m16s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'08, Lahiri = -19°53'07 Julian Calendar 1 March 1154 BCE == Greg. Calendar 18 Feb. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

APRIL 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 20	29♓39'34	0♌ 1	5°R 2	14♒54	28♐47	3♊35	22♓ 3	15♊18	2°R32	10♒ 2	24°R51	24♐53	8♌55	n.a.	T 1
F 2	11 56 17	0♈37'21	11°51	4♈29	15°59	29°25	3°44	22°11	15°19	2♏31	10° 3	24♐45	24°50	9° 1	n.a.	F 2
S 3	12 0 13	1°35'06	23°45	3°55	17° 4	0♉ 3	3°53	22°18	15°21	2°30	10° 5	24°37	24°47	9° 8	n.a.	S 3
S 4	12 4 10	2°32'49	5♍46	3°20	18° 9	0°41	4° 2	22°26	15°22	2°28	10° 6	24°27	24°44	9°15	n.a.	S 4
M 5	12 8 6	3°30'30	17°57	2°43	19°14	1°19	4°11	22°34	15°24	2°27	10° 7	24°14	24°40	9°21	n.a.	M 5
T 6	12 12 3	4°28'10	0♎20	2° 7	20°20	1°57	4°21	22°42	15°26	2°26	10° 8	24° 1	24°37	9°28	n.a.	T 6
W 7	12 15 59	5°25'48	12°54	1°31	21°25	2°35	4°30	22°49	15°28	2°24	10° 9	23°48	24°34	9°35	n.a.	W 7
T 8	12 19 56	6°23'25	25°40	0°57	22°31	3°12	4°40	22°57	15°29	2°23	10°10	23°37	24°31	9°42	n.a.	T 8
F 9	12 23 53	7°21'00	8♏38	0°25	23°37	3°50	4°49	23° 5	15°31	2°22	10°11	23°28	24°28	9°48	n.a.	F 9
S 10	12 27 49	8°18'35	21°46	29♓54	24°43	4°27	4°59	23°12	15°33	2°20	10°11	23°22	24°25	9°55	n.a.	S 10
S 11	12 31 46	9°16'08	5♐ 7	29°27	25°49	5° 5	5° 9	23°20	15°35	2°19	10°12	23°19	24°21	10° 2	n.a.	S 11
M12	12 35 42	10°13'40	18°38	29° 3	26°56	5°42	5°19	23°28	15°37	2°17	10°13	23°D18	24°18	10° 8	n.a.	M12
T 13	12 39 39	11°11'11	2♑23	28°42	28° 2	6°19	5°29	23°35	15°39	2°16	10°14	23°18	24°15	10°15	n.a.	T 13
W14	12 43 35	12° 8'41	16°20	28°26	29° 9	6°56	5°39	23°43	15°41	2°14	10°15	23°R18	24°12	10°22	n.a.	W14
T 15	12 47 32	13° 6'10	0♒31	28°13	0♓15	7°33	5°50	23°50	15°43	2°13	10°16	23°17	24° 9	10°28	n.a.	T 15
F 16	12 51 28	14° 3'39	14°54	28° 5	1°22	8°10	6° 0	23°58	15°45	2°11	10°17	23°14	24° 5	10°35	n.a.	F 16
S 17	12 55 25	15° 1'06	29°25	28°D 1	2°29	8°46	6°11	24° 5	15°47	2°10	10°18	23° 8	24° 2	10°42	n.a.	S 17
S 18	12 59 22	15°58'32	14♓ 0	28° 2	3°37	9°23	6°21	24°13	15°50	2° 8	10°18	23° 0	23°59	10°48	n.a.	S 18
M19	13 3 18	16°55'57	28°34	28° 7	4°44	9°59	6°32	24°20	15°52	2° 7	10°19	22°51	23°56	10°55	n.a.	M19
T 20	13 7 15	17°53'21	12♈58	28°17	5°51	10°35	6°43	24°28	15°54	2° 5	10°20	22°41	23°53	11° 2	n.a.	T 20
W21	13 11 11	18°50'45	27° 6	28°31	6°59	11°12	6°53	24°35	15°56	2° 4	10°21	22°31	23°50	11° 8	n.a.	W21
T 22	13 15 8	19°48'07	10♉54	28°50	8° 7	11°47	7° 4	24°42	15°59	2° 2	10°21	22°23	23°46	11°15	n.a.	T 22
F 23	13 19 4	20°45'28	24°18	29°13	9°14	12°23	7°15	24°50	16° 1	2° 0	10°22	22°18	23°43	11°22	n.a.	F 23
S 24	13 23 1	21°42'48	7♊19	29°40	10°22	12°59	7°26	24°57	16° 4	1°59	10°23	22°15	23°40	11°28	n.a.	S 24
S 25	13 26 57	22°40'07	19°57	0♈11	11°30	13°34	7°37	25° 4	16° 6	1°57	10°23	22°D14	23°37	11°35	n.a.	S 25
M26	13 30 54	23°37'24	2♋17	0°47	12°38	14° 9	7°49	25°12	16° 9	1°56	10°24	22°14	23°34	11°42	n.a.	M26
T 27	13 34 51	24°34'41	14°21	1°27	13°46	14°44	8° 0	25°19	16°11	1°54	10°24	22°15	23°31	11°49	n.a.	T 27
W28	13 38 47	25°31'56	26°16	2°10	14°54	15°19	8°11	25°26	16°14	1°52	10°25	22°R15	23°27	11°55	n.a.	W28
T 29	13 42 44	26°29'10	8♌ 7	2°57	16° 3	15°54	8°22	25°33	16°17	1°51	10°25	22°14	23°24	12° 2	n.a.	T 29
F 30	13 46 40	27♈26'23	19♌59	3♈48	17♓11	16♉29	8♊34	25♓40	16♊19	1♏49	10♒26	22♐12	23♐21	12♌ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 8	17n38	2s54	3n35	1n42	17s 1	0s25	24s42	0s52	21n20	0n 7	5s20	2s20	23n16	0n16	10s45	1n56	32s22	14s59	23s44	23s44	14n52		n.a.
F 2	0n15	13 59	3 41	3 9	1 27	16 46	0 29	24 44	0 54	21 21	0 7	5 17	2 20	23 16	0 16	10 44	1 56	32 22	14 59	23 44	23 44	14 50		n.a.
S 3	0 38	9 46	4 19	2 41	1 12	16 30	0 33	24 46	0 56	21 23	0 7	5 14	2 20	23 17	0 16	10 44	1 56	32 22	15 0	23 43	23 44	14 48		n.a.
S 4	1 2	5 8	4 45	2 12	0 56	16 14	0 37	24 48	0 58	21 25	0 7	5 11	2 20	23 17	0 16	10 43	1 56	32 22	15 0	23 43	23 43	14 45		n.a.
M 5	1 25	0 16	4 59	1 42	0 39	15 57	0 41	24 49	1 0	21 27	0 7	5 8	2 20	23 17	0 16	10 43	1 56	32 22	15 0	23 42	23 43	14 43		n.a.
T 6	1 48	4s41	4 59	1 12	0 23	15 40	0 45	24 51	1 2	21 29	0 7	5 5	2 20	23 17	0 16	10 42	1 56	32 22	15 0	23 42	23 43	14 40		n.a.
W 7	2 11	9 31	4 44	0 42	0 6	15 22	0 49	24 52	1 4	21 31	0 8	5 2	2 20	23 17	0 16	10 42	1 56	32 22	15 1	23 41	23 43	14 38		n.a.
T 8	2 35	14 2	4 15	0 13	0s11	15 4	0 53	24 54	1 6	21 33	0 8	4 59	2 20	23 18	0 16	10 41	1 56	32 22	15 1	23 41	23 43	14 36		n.a.
F 9	2 58	17 58	3 33	0s16	0 28	14 45	0 57	24 55	1 8	21 35	0 8	4 56	2 20	23 18	0 16	10 41	1 56	32 22	15 1	23 40	23 43	14 33		n.a.
S 10	3 21	21 3	2 39	0 43	0 44	14 26	1 0	24 55	1 10	21 36	0 8	4 53	2 20	23 18	0 16	10 40	1 56	32 22	15 2	23 40	23 43	14 31		n.a.
S 11	3 44	23 3	1 35	1 9	1 0	14 7	1 3	24 56	1 12	21 38	0 8	4 50	2 20	23 18	0 16	10 40	1 56	32 22	15 2	23 40	23 43	14 29		n.a.
M12	4 7	23 45	0 25	1 32	1 16	13 47	1 7	24 57	1 14	21 40	0 8	4 47	2 20	23 18	0 16	10 39	1 56	32 22	15 2	23 40	23 42	14 26		n.a.
T 13	4 30	23 1	0n48	1 54	1 31	13 27	1 10	24 57	1 17	21 42	0 8	4 44	2 20	23 19	0 16	10 39	1 56	32 22	15 3	23 40	23 42	14 24		n.a.
W14	4 53	20 51	1 59	2 14	1 45	13 6	1 13	24 58	1 19	21 44	0 8	4 41	2 20	23 19	0 16	10 38	1 56	32 22	15 3	23 40	23 42	14 21		n.a.
T 15	5 15	17 23	3 4	2 31	1 58	12 45	1 16	24 58	1 21	21 46	0 8	4 38	2 20	23 19	0 16	10 37	1 56	32 22	15 3	23 39	23 42	14 19		n.a.
F 16	5 38	12 50	3 58	2 46	2 10	12 23	1 19	24 58	1 23	21 48	0 8	4 35	2 20	23 19	0 16	10 37	1 56	32 22	15 4	23 39	23 42	14 17		n.a.
S 17	6 1	7 32	4 38	2 58	2 22	12 2	1 22	24 58	1 26	21 50	0 9	4 32	2 20	23 20	0 16	10 36	1 56	32 22	15 4	23 39	23 42	14 14		n.a.
S 18	6 23	1 48	4 59	3 7	2 32	11 39	1 25	24 57	1 28	21 52	0 9	4 29	2 21	23 20	0 16	10 36	1 56	32 22	15 4	23 39	23 42	14 12		n.a.
M19	6 45	4n 1	5 1	3 13	2 42	11 17	1 27	24 57	1 30	21 54	0 9	4 26	2 21	23 20	0 16	10 35	1 56	32 22	15 5	23 38	23 41	14 9		n.a.
T 20	7 8	9 33	4 44	3 17	2 50	10 54	1 30	24 56	1 32	21 56	0 9	4 23	2 21	23 20	0 16	10 35	1 56	32 22	15 5	23 38	23 41	14 7		n.a.
W21	7 30	14 29	4 10	3 18	2 57	10 31	1 32	24 56	1 35	21 58	0 9	4 20	2 21	23 20	0 16	10 34	1 56	32 23	15 5	23 37	23 41	14 5		n.a.
T 22	7 52	18 32	3 22	3 17	3 4	10 7	1 34	24 55	1 37	22 0	0 9	4 17	2 21	23 21	0 16	10 34	1 56	32 23	15 6	23 37	23 41	14 2		n.a.
F 23	8 14	21 28	2 23	3 12	3 9	9 43	1 37	24 54	1 40	22 2	0 9	4 14	2 21	23 21	0 16	10 33	1 56	32 23	15 6	23 36	23 41	14 0		n.a.
S 24	8 36	23 11	1 19	3 5	3 14	9 19	1 39	24 53	1 42	22 4	0 9	4 11	2 21	23 21	0 16	10 33	1 56	32 23	15 6	23 36	23 41	13 57		n.a.
S 25	8 58	23 39	0 12	2 56	3 17	8 55	1 41	24 52	1 45	22 6	0 9	4 9	2 21	23 21	0 16	10 32	1 56	32 23	15 7	23 36	23 40	13 55		n.a.
M26	9 19	22 55	0s54	2 44	3 20	8 30	1 43	24 50	1 47	22 7	0 9	4 6	2 21	23 22	0 16	10 31	1 56	32 23	15 7	23 36	23 40	13 53		n.a.
T 27	9 40	21 8	1 56	2 30	3 22	8 5	1 44	24 49	1 50	22 9	0 9	4 3	2 22	23 22	0 16	10 31	1 56	32 23	15 7	23 36	23 40	13 50		n.a.
W28	10 2	18 26	2 52	2 13	3 23	7 40	1 46	24 47	1 52	22 11	0 10	4 0	2 22	23 22	0 16	10 30	1 56	32 24	15 8	23 36	23 40	13 48		n.a.
T 29	10 23	14 59	3 41	1 54	3 23	7 14	1 48	24 46	1 55	22 13	0 10	3 57	2 22	23 23	0 16	10 30	1 56	32 24	15 8	23 36	23 40	13 45		n.a.
F 30	10n44	10n57	4s20	1s32	3s22	6s49	1s49	24s44	1s57	22n15	0n10	3s55	2s22	23n23	0n16	10s29	1n56	32s24	15s 8	23s36	23s40	13n43		n.a.

Julian Day Number = 1300014.5, Delta T = 07h51m14s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'04, Lahiri = -19°53'03 Julian Calendar 1 Apr. 1154 BCE == Greg. Calendar 21 March 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

MAY 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 37	28♈23'35	1♍56	4♈43	18♓20	17♉ 3	8♊45	25♓47	16♊22	1°R48	10♒27	22°R 7	23♐18	12♌15	n.a.	S 1
S 2	13 54 33	29°20'46	14° 3	5°41	19°28	17°37	8°57	25°54	16°25	1♏46	10°27	22♐ 0	23°15	12°22	n.a.	S 2
M 3	13 58 30	0♉17'57	26°22	6°43	20°37	18°11	9° 9	26° 1	16°28	1°44	10°27	21°52	23°11	12°29	n.a.	M 3
T 4	14 2 26	1°15'06	8♎55	7°48	21°46	18°45	9°20	26° 8	16°30	1°43	10°28	21°43	23° 8	12°35	n.a.	T 4
W 5	14 6 23	2°12'15	21°44	8°57	22°55	19°18	9°32	26°15	16°33	1°41	10°28	21°35	23° 5	12°42	n.a.	W 5
T 6	14 10 20	3° 9'23	4♏49	10° 9	24° 4	19°52	9°44	26°22	16°36	1°40	10°29	21°27	23° 2	12°49	n.a.	T 6
F 7	14 14 16	4° 6'30	18° 8	11°24	25°13	20°25	9°56	26°29	16°39	1°38	10°29	21°21	22°59	12°55	n.a.	F 7
S 8	14 18 13	5° 3'37	1♐39	12°42	26°22	20°58	10° 8	26°35	16°42	1°36	10°29	21°17	22°56	13° 2	n.a.	S 8
S 9	14 22 9	6° 0'44	15°22	14° 4	27°31	21°30	10°20	26°42	16°45	1°35	10°30	21°D16	22°52	13° 9	n.a.	S 9
M10	14 26 6	6°57'50	29°13	15°28	28°40	22° 3	10°32	26°49	16°48	1°33	10°30	21°16	22°49	13°16	n.a.	M10
T 11	14 30 2	7°54'57	13♉12	16°56	29°50	22°35	10°44	26°55	16°51	1°31	10°30	21°17	22°46	13°22	n.a.	T 11
W12	14 33 59	8°52'03	27°17	18°27	0♈59	23° 7	10°56	27° 2	16°54	1°30	10°31	21°18	22°43	13°29	n.a.	W12
T 13	14 37 56	9°49'09	11♒27	20° 0	2° 9	23°39	11° 9	27° 8	16°57	1°28	10°31	21°R19	22°40	13°36	n.a.	T 13
F 14	14 41 52	10°46'15	25°40	21°37	3°18	24°10	11°21	27°15	17° 0	1°27	10°31	21°18	22°37	13°42	n.a.	F 14
S 15	14 45 49	11°43'21	9♓54	23°17	4°28	24°41	11°33	27°21	17° 3	1°25	10°31	21°15	22°33	13°49	n.a.	S 15
S 16	14 49 45	12°40'27	24° 7	25° 0	5°38	25°12	11°46	27°27	17° 7	1°23	10°31	21°11	22°30	13°56	n.a.	S 16
M17	14 53 42	13°37'33	8♈13	26°45	6°47	25°42	11°58	27°34	17°10	1°22	10°31	21° 6	22°27	14° 2	n.a.	M17
T 18	14 57 38	14°34'39	22°10	28°34	7°57	26°13	12°10	27°40	17°13	1°20	10°32	21° 0	22°24	14° 9	n.a.	T 18
W19	15 1 35	15°31'44	5♉54	0♉25	9° 7	26°42	12°23	27°46	17°16	1°19	10°32	20°55	22°21	14°16	n.a.	W19
T 20	15 5 31	16°28'50	19°22	2°19	10°17	27°12	12°35	27°52	17°20	1°17	10°32	20°50	22°17	14°22	n.a.	T 20
F 21	15 9 28	17°25'56	2♊31	4°15	11°27	27°41	12°48	27°58	17°23	1°16	10°32	20°47	22°14	14°29	n.a.	F 21
S 22	15 13 25	18°23'02	15°22	6°14	12°38	28°10	13° 1	28° 4	17°26	1°14	10°32	20°D46	22°11	14°36	n.a.	S 22
S 23	15 17 21	19°20'07	27°54	8°15	13°48	28°39	13°13	28°10	17°30	1°13	10°R32	20°46	22° 8	14°43	n.a.	S 23
M24	15 21 18	20°17'13	10♋11	10°18	14°58	29° 7	13°26	28°16	17°33	1°11	10°32	20°47	22° 5	14°49	n.a.	M24
T 25	15 25 14	21°14'18	22°15	12°22	16° 8	29°35	13°39	28°22	17°36	1°10	10°32	20°49	22° 2	14°56	n.a.	T 25
W26	15 29 11	22°11'23	4♌11	14°29	17°19	0♒ 2	13°52	28°27	17°40	1° 8	10°32	20°50	21°58	15° 3	n.a.	W26
T 27	15 33 7	23° 8'28	16° 3	16°36	18°29	0°29	14° 4	28°33	17°43	1° 7	10°32	20°52	21°55	15° 9	n.a.	T 27
F 28	15 37 4	24° 5'32	27°56	18°44	19°40	0°56	14°17	28°39	17°47	1° 5	10°31	20°R52	21°52	15°16	n.a.	F 28
S 29	15 41 0	25° 2'37	9♍54	20°54	20°50	1°22	14°30	28°44	17°50	1° 4	10°31	20°51	21°49	15°23	n.a.	S 29
S 30	15 44 57	25°59'41	22° 3	23° 3	22° 1	1°48	14°43	28°50	17°54	1° 2	10°31	20°49	21°46	15°29	n.a.	S 30
M31	15 48 54	26♉56'46	4♎25	25♉13	23♈12	2♒14	14♊56	28♓55	17♊57	1♏ 1	10♒31	20♐46	21♐42	15♌36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 5	6n29	4s48	1s 9	3s20	6s23	1s51	24s42	2s 0	22n17	0n10	3s52	2s22	23n23	0n16	10s29	1n56	32s24	15s 9	23s36	23s40	13n40		n.a.
S 2	11 25	1 43	5 3	0 43	3 18	5 57	1 52	24 40	2 3	22 19	0 10	3 49	2 22	23 23	0 16	10 28	1 56	32 24	15 9	23 35	23 39	13 38		n.a.
M 3	11 46	3s11	5 5	0 16	3 15	5 30	1 53	24 38	2 5	22 21	0 10	3 47	2 22	23 24	0 16	10 27	1 56	32 25	15 10	23 35	23 39	13 36		n.a.
T 4	12 6	8 4	4 53	0n14	3 11	5 4	1 54	24 36	2 8	22 23	0 10	3 44	2 22	23 24	0 16	10 27	1 56	32 25	15 10	23 34	23 39	13 33		n.a.
W 5	12 26	12 42	4 25	0 45	3 6	4 37	1 55	24 34	2 11	22 25	0 10	3 41	2 23	23 24	0 16	10 26	1 56	32 25	15 10	23 34	23 39	13 31		n.a.
T 6	12 46	16 50	3 44	1 19	3 1	4 10	1 56	24 32	2 13	22 27	0 10	3 39	2 23	23 25	0 16	10 26	1 56	32 25	15 11	23 33	23 39	13 28		n.a.
F 7	13 6	20 13	2 49	1 54	2 55	3 43	1 57	24 30	2 16	22 29	0 10	3 36	2 23	23 25	0 16	10 25	1 56	32 25	15 11	23 33	23 39	13 26		n.a.
S 8	13 25	22 32	1 44	2 31	2 49	3 16	1 58	24 27	2 19	22 30	0 10	3 33	2 23	23 25	0 16	10 25	1 56	32 26	15 11	23 32	23 38	13 23		n.a.
S 9	13 45	23 32	0 32	3 9	2 42	2 48	1 58	24 25	2 22	22 32	0 11	3 31	2 23	23 25	0 16	10 24	1 56	32 26	15 12	23 32	23 38	13 21		n.a.
M10	14 4	23 7	0n43	3 49	2 34	2 21	1 59	24 22	2 25	22 34	0 11	3 28	2 23	23 26	0 16	10 24	1 56	32 26	15 12	23 32	23 38	13 19		n.a.
T 11	14 23	21 14	1 56	4 31	2 26	1 53	1 59	24 20	2 27	22 36	0 11	3 26	2 23	23 26	0 16	10 23	1 56	32 26	15 13	23 32	23 38	13 16		n.a.
W12	14 41	18 4	3 3	5 14	2 17	1 25	2 0	24 17	2 30	22 38	0 11	3 23	2 24	23 26	0 16	10 22	1 56	32 27	15 13	23 32	23 38	13 14		n.a.
T 13	15 0	13 49	3 58	5 58	2 8	0 58	2 0	24 14	2 33	22 40	0 11	3 21	2 24	23 27	0 16	10 22	1 56	32 27	15 13	23 32	23 37	13 11		n.a.
F 14	15 18	8 47	4 40	6 44	1 59	0 30	2 0	24 12	2 36	22 41	0 11	3 18	2 24	23 27	0 16	10 21	1 56	32 27	15 14	23 32	23 37	13 9		n.a.
S 15	15 36	3 18	5 4	7 30	1 49	0 2	2 0	24 9	2 39	22 43	0 11	3 16	2 24	23 27	0 16	10 21	1 56	32 28	15 14	23 32	23 37	13 6		n.a.
S 16	15 54	2n21	5 10	8 18	1 39	0n26	2 0	24 6	2 42	22 45	0 11	3 14	2 24	23 28	0 16	10 20	1 56	32 28	15 14	23 32	23 37	13 4		n.a.
M17	16 11	7 50	4 57	9 7	1 28	0 55	2 0	24 3	2 45	22 47	0 11	3 11	2 24	23 28	0 16	10 20	1 56	32 28	15 15	23 32	23 37	13 1		n.a.
T 18	16 28	12 52	4 26	9 56	1 17	1 23	2 0	24 0	2 48	22 49	0 11	3 9	2 25	23 28	0 16	10 19	1 56	32 29	15 15	23 31	23 37	12 59		n.a.
W19	16 45	17 9	3 40	10 46	1 6	1 51	1 59	23 57	2 51	22 50	0 12	3 7	2 25	23 29	0 16	10 19	1 56	32 29	15 16	23 31	23 36	12 57		n.a.
T 20	17 2	20 28	2 43	11 37	0 55	2 19	1 59	23 55	2 54	22 52	0 12	3 4	2 25	23 29	0 16	10 18	1 56	32 29	15 16	23 31	23 36	12 54		n.a.
F 21	17 19	22 36	1 38	12 28	0 44	2 47	1 59	23 52	2 58	22 54	0 12	3 2	2 25	23 29	0 16	10 18	1 56	32 30	15 16	23 30	23 36	12 52		n.a.
S 22	17 35	23 30	0 30	13 19	0 32	3 16	1 58	23 49	3 1	22 56	0 12	3 0	2 25	23 30	0 16	10 17	1 56	32 30	15 17	23 30	23 36	12 49		n.a.
S 23	17 51	23 10	0s39	14 9	0 21	3 44	1 57	23 46	3 4	22 57	0 12	2 58	2 26	23 30	0 16	10 17	1 56	32 30	15 17	23 30	23 36	12 47		n.a.
M24	18 6	21 42	1 44	15 0	0 10	4 12	1 57	23 43	3 7	22 59	0 12	2 55	2 26	23 30	0 16	10 16	1 56	32 31	15 17	23 30	23 35	12 44		n.a.
T 25	18 22	19 16	2 44	15 50	0n 2	4 40	1 56	23 40	3 10	23 1	0 12	2 53	2 26	23 31	0 16	10 16	1 56	32 31	15 18	23 30	23 35	12 42		n.a.
W26	18 37	16 2	3 36	16 38	0 12	5 8	1 55	23 38	3 14	23 2	0 12	2 51	2 26	23 31	0 16	10 15	1 56	32 31	15 18	23 31	23 35	12 39		n.a.
T 27	18 52	12 11	4 18	17 26	0 23	5 36	1 54	23 35	3 17	23 4	0 12	2 49	2 26	23 31	0 16	10 15	1 56	32 32	15 18	23 31	23 35	12 37		n.a.
F 28	19 6	7 52	4 49	18 13	0 33	6 4	1 53	23 32	3 20	23 6	0 12	2 47	2 27	23 31	0 16	10 14	1 56	32 32	15 19	23 31	23 35	12 34		n.a.
S 29	19 20	3 14	5 8	18 58	0 43	6 32	1 52	23 29	3 24	23 7	0 12	2 45	2 27	23 32	0 16	10 14	1 56	32 33	15 19	23 31	23 34	12 32		n.a.
S 30	19 34	1s35	5 14	19 41	0 52	7 0	1 51	23 27	3 27	23 9	0 13	2 43	2 27	23 32	0 16	10 13	1 56	32 33	15 20	23 30	23 34	12 29		n.a.
M31	19n48	6s26	5s 5	20n22	1n 1	7n28	1s50	23s24	3s30	23n10	0n13	2s41	2s27	23n32	0n16	10s13	1n56	32s33	15s20	23s30	23s34	12n27		n.a.

Julian Day Number = 1300044.5, Delta T = 07h51m13s
Ecliptic obliquity = 23°49'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°00'00, Lahiri = -19°52'59 Julian Calendar 1 May 1154 BCE == Greg. Calendar 20 Apr. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

JUNE 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 50	27♉53'50	17♎ 5	27♉23	24♈22	2♒39	15♊ 9	29♓ 0	18♊ 1	0°R59	10°R31	20°R43	21♐39	15♌43	n.a.	T 1
W 2	15 56 47	28°50'55	0♏ 5	29°32	25°33	3° 3	15°22	29° 5	18° 4	0♏58	10♒31	20♐39	21°36	15°50	n.a.	W 2
T 3	16 0 43	29°48'00	13°24	1♊40	26°44	3°27	15°35	29°11	18° 8	0°57	10°30	20°36	21°33	15°56	n.a.	T 3
F 4	16 4 40	0♊45'05	27° 2	3°48	27°55	3°51	15°48	29°16	18°11	0°55	10°30	20°34	21°30	16° 3	n.a.	F 4
S 5	16 8 36	1°42'11	10♐57	5°55	29° 6	4°14	16° 1	29°21	18°15	0°54	10°30	20°33	21°27	16°10	n.a.	S 5
S 6	16 12 33	2°39'17	25° 5	8° 0	0♉17	4°37	16°14	29°26	18°18	0°53	10°29	20°D33	21°23	16°16	n.a.	S 6
M 7	16 16 30	3°36'24	9♑22	10° 5	1°28	4°59	16°27	29°30	18°22	0°51	10°29	20°34	21°20	16°23	n.a.	M 7
T 8	16 20 26	4°33'32	23°45	12° 7	2°40	5°21	16°40	29°35	18°25	0°50	10°29	20°35	21°17	16°30	n.a.	T 8
W 9	16 24 23	5°30'40	8♒ 8	14° 9	3°51	5°43	16°53	29°40	18°29	0°49	10°28	20°36	21°14	16°36	n.a.	W 9
T 10	16 28 19	6°27'49	22°28	16° 8	5° 2	6° 3	17° 6	29°45	18°33	0°48	10°28	20°37	21°11	16°43	n.a.	T 10
F 11	16 32 16	7°24'59	6♓42	18° 6	6°13	6°23	17°20	29°49	18°36	0°46	10°28	20°R37	21° 8	16°50	n.a.	F 11
S 12	16 36 12	8°22'10	20°48	20° 3	7°25	6°43	17°33	29°53	18°40	0°45	10°27	20°37	21° 4	16°57	n.a.	S 12
S 13	16 40 9	9°19'22	4♈44	21°57	8°36	7° 2	17°46	29°58	18°44	0°44	10°27	20°36	21° 1	17° 3	n.a.	S 13
M14	16 44 5	10°16'35	18°28	23°50	9°48	7°21	17°59	0♈ 2	18°47	0°43	10°26	20°35	20°58	17°10	n.a.	M14
T 15	16 48 2	11°13'49	2♉ 0	25°41	11° 0	7°38	18°12	0° 6	18°51	0°42	10°26	20°34	20°55	17°17	n.a.	T 15
W16	16 51 59	12°11'04	15°18	27°31	12°11	7°56	18°26	0°10	18°55	0°41	10°25	20°32	20°52	17°23	n.a.	W16
T 17	16 55 55	13° 8'20	28°21	29°19	13°23	8°12	18°39	0°14	18°58	0°39	10°25	20°32	20°48	17°30	n.a.	T 17
F 18	16 59 52	14° 5'37	11♊11	1♋ 5	14°35	8°28	18°52	0°18	19° 2	0°38	10°24	20°31	20°45	17°37	n.a.	F 18
S 19	17 3 48	15° 2'54	23°46	2°49	15°47	8°43	19° 5	0°22	19° 6	0°37	10°23	20°D31	20°42	17°43	n.a.	S 19
S 20	17 7 45	16° 0'13	6♋ 8	4°31	16°58	8°58	19°19	0°26	19° 9	0°36	10°23	20°31	20°39	17°50	n.a.	S 20
M21	17 11 41	16°57'32	18°18	6°12	18°10	9°12	19°32	0°30	19°13	0°35	10°22	20°32	20°36	17°57	n.a.	M21
T 22	17 15 38	17°54'53	0♌19	7°51	19°22	9°25	19°45	0°33	19°17	0°34	10°21	20°32	20°33	18° 4	n.a.	T 22
W23	17 19 35	18°52'14	12°13	9°29	20°34	9°38	19°58	0°37	19°21	0°33	10°21	20°32	20°29	18°10	n.a.	W23
T 24	17 23 31	19°49'36	24° 5	11° 4	21°47	9°50	20°12	0°40	19°24	0°33	10°20	20°32	20°26	18°17	n.a.	T 24
F 25	17 27 28	20°46'58	5♍57	12°38	22°59	10° 1	20°25	0°43	19°28	0°32	10°19	20°R32	20°23	18°24	n.a.	F 25
S 26	17 31 24	21°44'22	17°54	14°10	24°11	10°11	20°38	0°47	19°32	0°31	10°19	20°D32	20°20	18°30	n.a.	S 26
S 27	17 35 21	22°41'46	0♎ 2	15°41	25°23	10°21	20°51	0°50	19°35	0°30	10°18	20°32	20°17	18°37	n.a.	S 27
M28	17 39 17	23°39'11	12°23	17°10	26°35	10°29	21° 5	0°53	19°39	0°29	10°17	20°33	20°14	18°44	n.a.	M28
T 29	17 43 14	24°36'37	25° 3	18°37	27°48	10°38	21°18	0°56	19°43	0°28	10°16	20°33	20°10	18°50	n.a.	T 29
W30	17 47 10	25♊34'04	8♏ 5	20♋ 2	29♉ 0	10♒45	21♊31	0♈58	19♊46	0♏28	10♒16	20♐33	20♐ 7	18♌57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 1	11s 8	4s42	21n 1	1n 9	7n55	1s48	23s21	3s34	23n12	0n13	2s39	2s27	23n33	0n16	10s12	1n56	32s34	15s20	23s30	23s34	12n24		n.a.
W 2	20 14	15 28	4 3	21 37	1 16	8 23	1 47	23 19	3 37	23 14	0 13	2 37	2 28	23 33	0 16	10 12	1 56	32 34	15 21	23 30	23 34	12 22		n.a.
T 3	20 26	19 8	3 11	22 11	1 23	8 50	1 46	23 16	3 41	23 15	0 13	2 35	2 28	23 33	0 16	10 11	1 56	32 35	15 21	23 30	23 33	12 20		n.a.
F 4	20 39	21 51	2 6	22 43	1 29	9 17	1 44	23 14	3 44	23 17	0 13	2 33	2 28	23 34	0 16	10 11	1 56	32 35	15 21	23 29	23 33	12 17		n.a.
S 5	20 50	23 19	0 53	23 12	1 35	9 44	1 42	23 12	3 48	23 18	0 13	2 32	2 28	23 34	0 16	10 10	1 56	32 35	15 22	23 29	23 33	12 15		n.a.
S 6	21 2	23 19	0n25	23 38	1 40	10 11	1 41	23 10	3 51	23 20	0 13	2 30	2 29	23 34	0 16	10 10	1 56	32 36	15 22	23 29	23 33	12 12		n.a.
M 7	21 13	21 48	1 42	24 2	1 44	10 38	1 39	23 7	3 55	23 21	0 13	2 28	2 29	23 35	0 16	10 10	1 55	32 36	15 22	23 29	23 33	12 10		n.a.
T 8	21 24	18 52	2 53	24 23	1 47	11 4	1 37	23 5	3 59	23 22	0 13	2 26	2 29	23 35	0 16	10 9	1 55	32 37	15 23	23 29	23 32	12 7		n.a.
W 9	21 34	14 46	3 54	24 41	1 50	11 31	1 36	23 3	4 2	23 24	0 13	2 25	2 29	23 35	0 16	10 9	1 55	32 37	15 23	23 30	23 32	12 5		n.a.
T 10	21 45	9 51	4 39	24 57	1 52	11 57	1 34	23 2	4 6	23 25	0 14	2 23	2 30	23 36	0 16	10 8	1 55	32 38	15 24	23 30	23 32	12 2		n.a.
F 11	21 54	4 27	5 7	25 10	1 53	12 22	1 32	23 0	4 9	23 27	0 14	2 21	2 30	23 36	0 16	10 8	1 55	32 38	15 24	23 30	23 32	12 0		n.a.
S 12	22 4	1n 8	5 16	25 21	1 54	12 48	1 30	22 58	4 13	23 28	0 14	2 20	2 30	23 36	0 16	10 8	1 55	32 39	15 24	23 30	23 32	11 57		n.a.
S 13	22 13	6 35	5 7	25 29	1 54	13 13	1 28	22 57	4 17	23 29	0 14	2 18	2 30	23 37	0 16	10 7	1 55	32 39	15 25	23 30	23 31	11 55		n.a.
M14	22 21	11 39	4 40	25 34	1 53	13 38	1 26	22 56	4 20	23 31	0 14	2 17	2 31	23 37	0 16	10 7	1 55	32 39	15 25	23 29	23 31	11 52		n.a.
T 15	22 30	16 4	3 58	25 38	1 52	14 3	1 24	22 54	4 24	23 32	0 14	2 15	2 31	23 37	0 16	10 7	1 55	32 40	15 25	23 29	23 31	11 50		n.a.
W16	22 37	19 36	3 3	25 39	1 50	14 27	1 22	22 53	4 28	23 33	0 14	2 14	2 31	23 38	0 16	10 6	1 55	32 40	15 26	23 29	23 31	11 47		n.a.
T 17	22 45	22 4	2 0	25 38	1 48	14 51	1 19	22 53	4 32	23 34	0 14	2 13	2 31	23 38	0 16	10 6	1 55	32 41	15 26	23 29	23 30	11 45		n.a.
F 18	22 52	23 20	0 52	25 35	1 45	15 15	1 17	22 52	4 35	23 36	0 14	2 11	2 32	23 38	0 16	10 6	1 55	32 41	15 26	23 29	23 30	11 42		n.a.
S 19	22 59	23 23	0s18	25 30	1 42	15 38	1 15	22 51	4 39	23 37	0 14	2 10	2 32	23 39	0 16	10 5	1 55	32 42	15 27	23 29	23 30	11 40		n.a.
S 20	23 5	22 16	1 26	25 23	1 38	16 1	1 13	22 51	4 43	23 38	0 15	2 9	2 32	23 39	0 16	10 5	1 55	32 42	15 27	23 29	23 30	11 37		n.a.
M21	23 11	20 7	2 28	25 15	1 34	16 24	1 10	22 51	4 47	23 39	0 15	2 7	2 32	23 39	0 16	10 5	1 55	32 43	15 27	23 29	23 30	11 35		n.a.
T 22	23 16	17 6	3 23	25 5	1 29	16 46	1 8	22 51	4 50	23 40	0 15	2 6	2 33	23 40	0 16	10 4	1 55	32 43	15 27	23 29	23 29	11 32		n.a.
W23	23 21	13 26	4 9	24 53	1 24	17 8	1 5	22 51	4 54	23 42	0 15	2 5	2 33	23 40	0 16	10 4	1 55	32 44	15 28	23 29	23 29	11 30		n.a.
T 24	23 26	9 15	4 44	24 40	1 19	17 30	1 3	22 51	4 58	23 43	0 15	2 4	2 33	23 40	0 16	10 4	1 55	32 44	15 28	23 29	23 29	11 27		n.a.
F 25	23 30	4 44	5 7	24 25	1 13	17 51	1 0	22 52	5 2	23 44	0 15	2 3	2 33	23 40	0 16	10 3	1 55	32 45	15 28	23 29	23 29	11 25		n.a.
S 26	23 34	0 0	5 17	24 10	1 6	18 11	0 58	22 52	5 6	23 45	0 15	2 2	2 34	23 41	0 16	10 3	1 55	32 45	15 29	23 29	23 28	11 22		n.a.
S 27	23 38	4s47	5 13	23 53	0 59	18 32	0 55	22 53	5 9	23 46	0 15	2 1	2 34	23 41	0 16	10 3	1 54	32 46	15 29	23 29	23 28	11 20		n.a.
M28	23 41	9 29	4 55	23 34	0 52	18 51	0 53	22 54	5 13	23 47	0 15	2 0	2 34	23 41	0 16	10 3	1 54	32 46	15 29	23 29	23 28	11 17		n.a.
T 29	23 43	13 54	4 22	23 15	0 45	19 11	0 50	22 55	5 17	23 48	0 15	1 59	2 34	23 42	0 16	10 2	1 54	32 47	15 30	23 29	23 28	11 15		n.a.
W30	23n45	17s48	3s34	22n55	0n37	19n29	0s48	22s57	5s20	23n49	0n16	1s58	2s35	23n42	0n16	10s 2	1n54	32s47	15s30	23s29	23s27	11n12		n.a.

Julian Day Number = 1300075.5, Delta T = 07h51m11s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'55, Lahiri = -19°52'55 Julian Calendar 1 June 1154 BCE == Greg. Calendar 21 May 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

JULY 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 7	26♊31'33	21♏30	21♋25	0♊13	10♒51	21♊44	1♈ 1	19♊50	0°R27	10°R15	20♐34	20♐ 4	19♑ 4	n.a.	T 1
F 2	17 55 4	27°29'02	5♐20	22°47	1°25	10°57	21°58	1° 4	19°54	0♏26	10♒14	20°34	20° 1	19°11	n.a.	F 2
S 3	17 59 0	28°26'33	19°32	24° 6	2°38	11° 2	22°11	1° 6	19°57	0°25	10°13	20°R35	19°58	19°17	n.a.	S 3
S 4	18 2 57	29°24'04	4♉ 2	25°24	3°50	11° 6	22°24	1° 9	20° 1	0°25	10°12	20°34	19°54	19°24	n.a.	S 4
M 5	18 6 53	0♋21'38	18°45	26°40	5° 3	11°10	22°37	1°11	20° 5	0°24	10°11	20°34	19°51	19°31	n.a.	M 5
T 6	18 10 50	1°19'12	3♒35	27°54	6°16	11°12	22°50	1°13	20° 8	0°24	10°10	20°33	19°48	19°37	n.a.	T 6
W 7	18 14 46	2°16'48	18°22	29° 5	7°28	11°14	23° 4	1°15	20°12	0°23	10°10	20°31	19°45	19°44	n.a.	W 7
T 8	18 18 43	3°14'26	3♓ 1	0♌15	8°41	11°R15	23°17	1°17	20°16	0°22	10° 9	20°30	19°42	19°51	n.a.	T 8
F 9	18 22 39	4°12'06	17°26	1°22	9°54	11°15	23°30	1°19	20°19	0°22	10° 8	20°29	19°39	19°58	n.a.	F 9
S 10	18 26 36	5° 9'47	1♈35	2°26	11° 7	11°14	23°43	1°21	20°23	0°22	10° 7	20°D29	19°35	20° 4	n.a.	S 10
S 11	18 30 33	6° 7'30	15°24	3°29	12°20	11°12	23°56	1°23	20°26	0°21	10° 6	20°29	19°32	20°11	n.a.	S 11
M12	18 34 29	7° 5'15	28°55	4°28	13°33	11° 9	24° 9	1°24	20°30	0°21	10° 5	20°29	19°29	20°18	n.a.	M12
T 13	18 38 26	8° 3'02	12♉ 8	5°25	14°46	11° 6	24°22	1°26	20°34	0°20	10° 4	20°31	19°26	20°24	n.a.	T 13
W14	18 42 22	9° 0'51	25° 4	6°19	15°59	11° 2	24°35	1°27	20°37	0°20	10° 3	20°32	19°23	20°31	n.a.	W14
T 15	18 46 19	9°58'41	7♊47	7°11	17°13	10°56	24°48	1°29	20°41	0°20	10° 2	20°33	19°20	20°38	n.a.	T 15
F 16	18 50 15	10°56'33	20°17	7°58	18°26	10°51	25° 1	1°30	20°44	0°19	10° 1	20°R34	19°16	20°44	n.a.	F 16
S 17	18 54 12	11°54'28	2♋36	8°43	19°39	10°44	25°14	1°31	20°48	0°19	10° 0	20°33	19°13	20°51	n.a.	S 17
S 18	18 58 8	12°52'23	14°45	9°24	20°52	10°36	25°27	1°32	20°51	0°19	9°59	20°31	19°10	20°58	n.a.	S 18
M19	19 2 5	13°50'21	26°47	10° 1	22° 6	10°28	25°40	1°33	20°55	0°19	9°58	20°29	19° 7	21° 5	n.a.	M19
T 20	19 6 2	14°48'20	8♌43	10°34	23°19	10°19	25°53	1°33	20°58	0°19	9°56	20°25	19° 4	21°11	n.a.	T 20
W21	19 9 58	15°46'21	20°35	11° 2	24°33	10° 9	26° 6	1°34	21° 2	0°18	9°55	20°21	19° 0	21°18	n.a.	W21
T 22	19 13 55	16°44'23	2♍26	11°27	25°46	9°58	26°19	1°35	21° 5	0°18	9°54	20°16	18°57	21°25	n.a.	T 22
F 23	19 17 51	17°42'27	14°18	11°46	27° 0	9°47	26°32	1°35	21° 9	0°18	9°53	20°12	18°54	21°31	n.a.	F 23
S 24	19 21 48	18°40'32	26°14	12° 0	28°13	9°35	26°44	1°35	21°12	0°D18	9°52	20° 9	18°51	21°38	n.a.	S 24
S 25	19 25 44	19°38'39	8♎19	12° 9	29°27	9°22	26°57	1°35	21°15	0°18	9°51	20° 7	18°48	21°45	n.a.	S 25
M26	19 29 41	20°36'48	20°38	12°R12	0♋41	9° 9	27°10	1°R35	21°19	0°18	9°50	20°D 7	18°45	21°52	n.a.	M26
T 27	19 33 37	21°34'58	3♏13	12° 9	1°55	8°55	27°23	1°35	21°22	0°18	9°49	20° 7	18°41	21°58	n.a.	T 27
W28	19 37 34	22°33'10	16°10	12° 0	3° 8	8°41	27°35	1°35	21°25	0°18	9°47	20° 9	18°38	22° 5	n.a.	W28
T 29	19 41 31	23°31'24	29°33	11°45	4°22	8°26	27°48	1°35	21°29	0°19	9°46	20°10	18°35	22°12	n.a.	T 29
F 30	19 45 27	24°29'39	13♐22	11°23	5°36	8°11	28° 0	1°35	21°32	0°19	9°45	20°R11	18°32	22°18	n.a.	F 30
S 31	19 49 24	25♋27'56	27♐39	10♌55	6♋50	7♒55	28♊13	1♈34	21♊35	0♏19	9♒44	20♐11	18♐29	22♑25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	20s55	2s34	22n34	0n29	19n48	0s45	22s59	5s24	23n50	0n16	1s57	2s35	23n42	0n16	10s 2	1n54	32s48	15s30	23s29	23s27	11n10			n.a.
F 2	23 48	22 55	1 24	22 13	0 20	20 5	0 42	23 0	5 28	23 51	0 16	1 56	2 35	23 43	0 16	10 2	1 54	32 48	15 30	23 29	23 27	11 7			n.a.
S 3	23 49	23 30	0 6	21 50	0 12	20 23	0 40	23 2	5 31	23 52	0 16	1 56	2 36	23 43	0 16	10 2	1 54	32 49	15 31	23 29	23 27	11 5			n.a.
S 4	23 50	22 32	1n14	21 27	0 3	20 39	0 37	23 5	5 35	23 53	0 16	1 55	2 36	23 43	0 16	10 2	1 54	32 49	15 31	23 29	23 26	11 2			n.a.
M 5	23 50	20 1	2 30	21 4	0s 6	20 56	0 34	23 7	5 38	23 53	0 16	1 54	2 36	23 43	0 16	10 1	1 54	32 50	15 31	23 29	23 26	11 0			n.a.
T 6	23 49	16 10	3 36	20 40	0 16	21 11	0 32	23 10	5 42	23 54	0 16	1 54	2 36	23 44	0 16	10 1	1 54	32 50	15 31	23 29	23 26	10 57			n.a.
W 7	23 49	11 20	4 28	20 16	0 26	21 26	0 29	23 12	5 45	23 55	0 16	1 53	2 37	23 44	0 16	10 1	1 54	32 51	15 32	23 29	23 26	10 55			n.a.
T 8	23 47	5 53	5 2	19 51	0 35	21 41	0 26	23 15	5 49	23 56	0 16	1 52	2 37	23 44	0 16	10 1	1 54	32 51	15 32	23 29	23 25	10 52			n.a.
F 9	23 46	0 12	5 16	19 27	0 46	21 55	0 24	23 19	5 52	23 57	0 17	1 52	2 37	23 45	0 16	10 1	1 54	32 52	15 32	23 29	23 25	10 49			n.a.
S 10	23 44	5n22	5 10	19 2	0 56	22 8	0 21	23 22	5 55	23 57	0 17	1 51	2 38	23 45	0 16	10 1	1 54	32 52	15 32	23 29	23 25	10 47			n.a.
S 11	23 41	10 33	4 47	18 37	1 6	22 21	0 18	23 26	5 58	23 58	0 17	1 51	2 38	23 45	0 16	10 1	1 54	32 53	15 33	23 29	23 25	10 44			n.a.
M12	23 38	15 7	4 8	18 13	1 17	22 33	0 15	23 29	6 2	23 59	0 17	1 51	2 38	23 45	0 16	10 1	1 54	32 53	15 33	23 29	23 24	10 42			n.a.
T 13	23 35	18 50	3 17	17 49	1 28	22 44	0 13	23 33	6 5	24 0	0 17	1 50	2 38	23 46	0 16	10 0	1 53	32 54	15 33	23 29	23 24	10 39			n.a.
W14	23 31	21 33	2 16	17 25	1 38	22 55	0 10	23 37	6 7	24 0	0 17	1 50	2 39	23 46	0 16	10 0	1 53	32 54	15 33	23 29	23 24	10 37			n.a.
T 15	23 27	23 7	1 10	17 1	1 49	23 5	0 7	23 41	6 10	24 1	0 17	1 50	2 39	23 46	0 16	10 0	1 53	32 55	15 33	23 29	23 24	10 34			n.a.
F 16	23 22	23 30	0 2	16 38	2 0	23 14	0 5	23 46	6 13	24 2	0 17	1 50	2 39	23 47	0 16	10 0	1 53	32 55	15 34	23 29	23 23	10 32			n.a.
S 17	23 17	22 42	1s 6	16 16	2 11	23 23	0 2	23 50	6 16	24 2	0 17	1 49	2 40	23 47	0 16	10 0	1 53	32 56	15 34	23 29	23 23	10 29			n.a.
S 18	23 12	20 51	2 9	15 55	2 22	23 31	0n 1	23 55	6 18	24 3	0 18	1 49	2 40	23 47	0 16	10 0	1 53	32 56	15 34	23 29	23 23	10 27			n.a.
M19	23 6	18 6	3 6	15 35	2 33	23 39	0 3	24 0	6 21	24 3	0 18	1 49	2 40	23 47	0 16	10 0	1 53	32 57	15 34	23 29	23 23	10 24			n.a.
T 20	23 0	14 36	3 54	15 15	2 43	23 45	0 6	24 4	6 23	24 4	0 18	1 49	2 41	23 48	0 17	10 0	1 53	32 57	15 34	23 29	23 22	10 22			n.a.
W21	22 53	10 34	4 32	14 57	2 54	23 52	0 9	24 9	6 25	24 4	0 18	1 49	2 41	23 48	0 17	10 0	1 53	32 58	15 35	23 28	23 22	10 19			n.a.
T 22	22 46	6 9	4 58	14 41	3 4	23 57	0 11	24 14	6 27	24 5	0 18	1 49	2 41	23 48	0 17	10 0	1 53	32 58	15 35	23 28	23 22	10 17			n.a.
F 23	22 38	1 30	5 11	14 26	3 14	24 1	0 14	24 19	6 29	24 5	0 18	1 49	2 41	23 48	0 17	10 0	1 53	32 59	15 35	23 28	23 22	10 14			n.a.
S 24	22 30	3s14	5 11	14 13	3 24	24 5	0 16	24 24	6 31	24 6	0 18	1 49	2 42	23 49	0 17	10 0	1 53	32 59	15 35	23 28	23 21	10 12			n.a.
S 25	22 22	7 54	4 57	14 1	3 33	24 9	0 19	24 29	6 32	24 6	0 18	1 50	2 42	23 49	0 17	10 0	1 53	33 0	15 35	23 27	23 21	10 9			n.a.
M26	22 13	12 20	4 30	13 52	3 42	24 11	0 21	24 34	6 34	24 7	0 19	1 50	2 42	23 49	0 17	10 1	1 53	33 0	15 35	23 27	23 21	10 6			n.a.
T 27	22 4	16 22	3 49	13 45	3 50	24 13	0 24	24 39	6 35	24 7	0 19	1 50	2 43	23 49	0 17	10 1	1 53	33 1	15 36	23 27	23 20	10 4			n.a.
W28	21 55	19 44	2 55	13 41	3 57	24 14	0 26	24 44	6 36	24 7	0 19	1 50	2 43	23 50	0 17	10 1	1 52	33 1	15 36	23 28	23 20	10 1			n.a.
T 29	21 45	22 11	1 50	13 39	4 3	24 14	0 29	24 49	6 37	24 8	0 19	1 51	2 43	23 50	0 17	10 1	1 52	33 2	15 36	23 28	23 20	9 59			n.a.
F 30	21 34	23 23	0 37	13 40	4 8	24 14	0 31	24 54	6 38	24 8	0 19	1 51	2 43	23 50	0 17	10 1	1 52	33 2	15 36	23 28	23 20	9 56			n.a.
S 31	21n24	23s 8	0n41	13n44	4s12	24n12	0n33	24s59	6s38	24n 8	0n19	1s52	2s44	23n50	0n17	10s 1	1n52	33s 3	15s36	23s28	23s19	9n54			n.a.

Julian Day Number = 1300105.5, Delta T = 07h51m09s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'51, Lahiri = -19°52'51 Julian Calendar 1 July 1154 BCE == Greg. Calendar 20 June 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

AUGUST 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 20	26♋26'15	12♉20	10°R21	8♋ 4	7°R39	28♊25	1°R34	21♊38	0♏19	9°R43	20°R10	18♐26	22♌32	n.a.	S 1
M 2	19 57 17	27°24'36	27°20	9♌40	9°18	7♒23	28°38	1♈33	21°41	0°19	9♒42	20♐ 6	18°22	22°39	n.a.	M 2
T 3	20 1 13	28°22'58	12♒30	8°54	10°32	7° 6	28°50	1°32	21°45	0°20	9°40	20° 2	18°19	22°45	n.a.	T 3
W 4	20 5 10	29°21'23	27°40	8° 3	11°46	6°49	29° 2	1°31	21°48	0°20	9°39	19°56	18°16	22°52	n.a.	W 4
T 5	20 9 6	0♌19'50	12♓40	7° 7	13° 0	6°32	29°14	1°30	21°51	0°20	9°38	19°50	18°13	22°59	n.a.	T 5
F 6	20 13 3	1°18'19	27°23	6° 8	14°15	6°15	29°27	1°29	21°54	0°21	9°37	19°45	18°10	23° 5	n.a.	F 6
S 7	20 17 0	2°16'50	11♈42	5° 7	15°29	5°57	29°39	1°28	21°57	0°21	9°36	19°42	18° 6	23°12	n.a.	S 7
S 8	20 20 56	3°15'24	25°35	4° 5	16°43	5°40	29°51	1°27	22° 0	0°22	9°34	19°40	18° 3	23°19	n.a.	S 8
M 9	20 24 53	4°14'00	9♉ 3	3° 3	17°57	5°22	0♋ 3	1°25	22° 3	0°22	9°33	19°D40	18° 0	23°26	n.a.	M 9
T 10	20 28 49	5°12'38	22° 7	2° 3	19°12	5° 5	0°15	1°24	22° 6	0°23	9°32	19°41	17°57	23°32	n.a.	T 10
W11	20 32 46	6°11'19	4♊52	1° 6	20°26	4°47	0°27	1°22	22° 9	0°23	9°31	19°42	17°54	23°39	n.a.	W11
T 12	20 36 42	7°10'03	17°20	0°15	21°41	4°30	0°39	1°20	22°12	0°24	9°29	19°R43	17°51	23°46	n.a.	T 12
F 13	20 40 39	8° 8'48	29°36	29♋29	22°55	4°13	0°50	1°19	22°14	0°25	9°28	19°42	17°47	23°52	n.a.	F 13
S 14	20 44 35	9° 7'36	11♋42	28°51	24°10	3°56	1° 2	1°17	22°17	0°25	9°27	19°40	17°44	23°59	n.a.	S 14
S 15	20 48 32	10° 6'26	23°41	28°21	25°24	3°39	1°14	1°15	22°20	0°26	9°26	19°35	17°41	24° 6	n.a.	S 15
M16	20 52 28	11° 5'18	5♌36	28° 1	26°39	3°22	1°25	1°12	22°23	0°27	9°24	19°28	17°38	24°12	n.a.	M16
T 17	20 56 25	12° 4'13	17°28	27°49	27°54	3° 6	1°37	1°10	22°26	0°27	9°23	19°18	17°35	24°19	n.a.	T 17
W18	21 0 22	13° 3'09	29°19	27°D48	29° 8	2°51	1°48	1° 8	22°28	0°28	9°22	19° 8	17°32	24°26	n.a.	W18
T 19	21 4 18	14° 2'08	11♍11	27°57	0♌23	2°36	2° 0	1° 5	22°31	0°29	9°21	18°57	17°28	24°33	n.a.	T 19
F 20	21 8 15	15° 1'09	23° 5	28°16	1°38	2°21	2°11	1° 3	22°33	0°30	9°20	18°47	17°25	24°39	n.a.	F 20
S 21	21 12 11	16° 0'11	5♎ 3	28°44	2°52	2° 7	2°22	1° 0	22°36	0°31	9°18	18°38	17°22	24°46	n.a.	S 21
S 22	21 16 8	16°59'16	17° 9	29°22	4° 7	1°53	2°33	0°57	22°39	0°32	9°17	18°32	17°19	24°53	n.a.	S 22
M23	21 20 4	17°58'22	29°25	0♌ 8	5°22	1°40	2°45	0°55	22°41	0°33	9°16	18°28	17°16	24°59	n.a.	M23
T 24	21 24 1	18°57'31	11♏57	1° 3	6°37	1°28	2°56	0°52	22°43	0°34	9°15	18°26	17°12	25° 6	n.a.	T 24
W25	21 27 57	19°56'41	24°48	2° 5	7°52	1°16	3° 6	0°49	22°46	0°35	9°14	18°D26	17° 9	25°13	n.a.	W25
T 26	21 31 54	20°55'54	8♐ 2	3°13	9° 7	1° 5	3°17	0°46	22°48	0°36	9°12	18°26	17° 6	25°20	n.a.	T 26
F 27	21 35 50	21°55'08	21°42	4°28	10°22	0°54	3°28	0°42	22°51	0°37	9°11	18°R27	17° 3	25°26	n.a.	F 27
S 28	21 39 47	22°54'24	5♑51	5°48	11°37	0°45	3°39	0°39	22°53	0°38	9°10	18°25	17° 0	25°33	n.a.	S 28
S 29	21 43 44	23°53'42	20°28	7°13	12°52	0°36	3°49	0°36	22°55	0°39	9° 9	18°22	16°57	25°40	n.a.	S 29
M30	21 47 40	24°53'03	5♒28	8°42	14° 7	0°28	4° 0	0°32	22°57	0°40	9° 8	18°16	16°53	25°46	n.a.	M30
T 31	21 51 37	25♌52'25	20♒45	10♌14	15♌22	0♒20	4♋10	0♈29	22♊59	0♏41	9♒ 6	18♐ 7	16♐50	25♌53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n13	21s18	1n58	13n51	4s15	24n10	0n36	25s 3	6s38	24n 9	0n19	1s52	2s44	23n50	0n17	10s 1	1n52	33s 3	15s36	23s28	23s19	9n51			n.a.
M 2	21 1	17 58	3 8	14 1	4 16	24 8	0 38	25 8	6 39	24 9	0 19	1 53	2 44	23 51	0 17	10 1	1 52	33 4	15 36	23 27	23 19	9 49			n.a.
T 3	20 49	13 24	4 6	14 14	4 15	24 4	0 40	25 12	6 39	24 9	0 20	1 53	2 45	23 51	0 17	10 2	1 52	33 4	15 36	23 27	23 19	9 46			n.a.
W 4	20 37	8 0	4 47	14 30	4 12	24 0	0 42	25 17	6 38	24 9	0 20	1 54	2 45	23 51	0 17	10 2	1 52	33 4	15 36	23 27	23 18	9 44			n.a.
T 5	20 25	2 11	5 7	14 48	4 8	23 55	0 44	25 21	6 38	24 10	0 20	1 55	2 45	23 51	0 17	10 2	1 52	33 5	15 37	23 26	23 18	9 41			n.a.
F 6	20 12	3n37	5 7	15 9	4 1	23 50	0 47	25 25	6 37	24 10	0 20	1 55	2 45	23 52	0 17	10 2	1 52	33 5	15 37	23 26	23 18	9 39			n.a.
S 7	19 58	9 6	4 47	15 32	3 53	23 43	0 49	25 29	6 37	24 10	0 20	1 56	2 46	23 52	0 17	10 2	1 52	33 6	15 37	23 25	23 17	9 36			n.a.
S 8	19 45	13 56	4 11	15 57	3 42	23 36	0 51	25 32	6 36	24 10	0 20	1 57	2 46	23 52	0 17	10 3	1 52	33 6	15 37	23 25	23 17	9 33			n.a.
M 9	19 31	17 56	3 22	16 24	3 30	23 28	0 53	25 36	6 34	24 10	0 20	1 58	2 46	23 52	0 17	10 3	1 52	33 7	15 37	23 25	23 17	9 31			n.a.
T 10	19 17	20 54	2 24	16 51	3 16	23 20	0 55	25 39	6 33	24 10	0 20	1 58	2 46	23 52	0 17	10 3	1 52	33 7	15 37	23 25	23 16	9 28			n.a.
W11	19 2	22 45	1 19	17 19	3 0	23 11	0 56	25 42	6 31	24 10	0 21	1 59	2 47	23 53	0 17	10 3	1 52	33 7	15 37	23 25	23 16	9 26			n.a.
T 12	18 47	23 26	0 13	17 47	2 43	23 1	0 58	25 45	6 30	24 11	0 21	2 0	2 47	23 53	0 17	10 4	1 51	33 8	15 37	23 26	23 16	9 23			n.a.
F 13	18 32	22 57	0s53	18 14	2 25	22 50	1 0	25 47	6 28	24 11	0 21	2 1	2 47	23 53	0 17	10 4	1 51	33 8	15 37	23 25	23 16	9 21			n.a.
S 14	18 16	21 23	1 56	18 40	2 6	22 39	1 2	25 49	6 26	24 11	0 21	2 2	2 48	23 53	0 17	10 4	1 51	33 9	15 37	23 25	23 15	9 18			n.a.
S 15	18 0	18 53	2 52	19 5	1 47	22 27	1 3	25 51	6 23	24 11	0 21	2 3	2 48	23 53	0 17	10 5	1 51	33 9	15 37	23 25	23 15	9 16			n.a.
M16	17 44	15 37	3 41	19 28	1 28	22 14	1 5	25 53	6 21	24 11	0 21	2 4	2 48	23 53	0 17	10 5	1 51	33 9	15 37	23 24	23 15	9 13			n.a.
T 17	17 27	11 44	4 20	19 49	1 8	22 1	1 7	25 54	6 18	24 11	0 21	2 6	2 48	23 54	0 17	10 5	1 51	33 10	15 37	23 24	23 14	9 10			n.a.
W18	17 10	7 25	4 47	20 8	0 50	21 47	1 8	25 56	6 16	24 11	0 22	2 7	2 49	23 54	0 17	10 6	1 51	33 10	15 37	23 23	23 14	9 8			n.a.
T 19	16 53	2 51	5 2	20 24	0 31	21 32	1 10	25 56	6 13	24 11	0 22	2 8	2 49	23 54	0 17	10 6	1 51	33 10	15 37	23 22	23 14	9 5			n.a.
F 20	16 36	1s51	5 4	20 37	0 14	21 16	1 11	25 57	6 10	24 11	0 22	2 9	2 49	23 54	0 17	10 6	1 51	33 11	15 37	23 21	23 14	9 3			n.a.
S 21	16 18	6 30	4 52	20 48	0n 3	21 0	1 12	25 57	6 7	24 11	0 22	2 11	2 49	23 54	0 17	10 7	1 51	33 11	15 37	23 20	23 13	9 0			n.a.
S 22	16 0	10 57	4 28	20 55	0 18	20 44	1 14	25 57	6 3	24 11	0 22	2 12	2 49	23 54	0 17	10 7	1 51	33 11	15 37	23 20	23 13	8 58			n.a.
M23	15 42	15 2	3 51	20 59	0 33	20 27	1 15	25 57	6 0	24 10	0 22	2 13	2 50	23 55	0 17	10 7	1 51	33 12	15 37	23 19	23 13	8 55			n.a.
T 24	15 23	18 33	3 2	21 0	0 46	20 9	1 16	25 56	5 56	24 10	0 22	2 15	2 50	23 55	0 17	10 8	1 51	33 12	15 37	23 19	23 12	8 53			n.a.
W25	15 4	21 16	2 3	20 58	0 58	19 50	1 17	25 56	5 53	24 10	0 23	2 16	2 50	23 55	0 17	10 8	1 51	33 12	15 37	23 19	23 12	8 50			n.a.
T 26	14 45	22 55	0 55	20 52	1 9	19 31	1 18	25 55	5 49	24 10	0 23	2 17	2 50	23 55	0 17	10 9	1 51	33 13	15 37	23 19	23 12	8 47			n.a.
F 27	14 26	23 17	0n17	20 43	1 18	19 12	1 19	25 53	5 45	24 10	0 23	2 19	2 51	23 55	0 17	10 9	1 50	33 13	15 37	23 19	23 11	8 45			n.a.
S 28	14 6	22 11	1 31	20 32	1 27	18 52	1 20	25 52	5 41	24 10	0 23	2 20	2 51	23 55	0 17	10 9	1 50	33 13	15 37	23 19	23 11	8 42			n.a.
S 29	13 46	19 35	2 42	20 17	1 34	18 31	1 21	25 50	5 37	24 10	0 23	2 22	2 51	23 56	0 17	10 10	1 50	33 14	15 37	23 19	23 11	8 40			n.a.
M30	13 26	15 37	3 43	19 59	1 40	18 10	1 22	25 48	5 33	24 10	0 23	2 24	2 51	23 56	0 17	10 10	1 50	33 14	15 37	23 18	23 10	8 37			n.a.
T 31	13n 6	10s34	4n29	19n39	1n45	17n48	1n22	25s45	5s29	24n 9	0n24	2s25	2s51	23n56	0n17	10s11	1n50	33s14	15s36	23s17	23s10	8n35			n.a.

Julian Day Number = 1300136.5, Delta T = 07h51m08s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'47, Lahiri = -19°52'47 Julian Calendar 1 Aug. 1154 BCE == Greg. Calendar 21 July 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

SEPTEMBER 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 55 33	26♌51'49	6♓ 6	11♌50	16♌37	0°R14	4♋21	0°R25	23♊ 1	0♏42	9°R 5	17°R57	16♐47	26♌ 0	n.a.	W 1
T 2	21 59 30	27°51'15	21°21	13°27	17°52	0♒ 8	4°31	0♈21	23° 3	0°44	9♒ 4	17♐47	16°44	26° 7	n.a.	T 2
F 3	22 3 26	28°50'44	6♈18	15° 6	19° 7	0° 3	4°41	0°18	23° 6	0°45	9° 3	17°38	16°41	26°13	n.a.	F 3
S 4	22 7 23	29°50'15	20°51	16°47	20°22	29♉58	4°51	0°14	23° 7	0°46	9° 2	17°31	16°37	26°20	n.a.	S 4
S 5	22 11 19	0♍49'49	4♉54	18°29	21°37	29°55	5° 1	0°10	23° 9	0°48	9° 1	17°26	16°34	26°27	n.a.	S 5
M 6	22 15 16	1°49'25	18°27	20°12	22°53	29°52	5°11	0° 6	23°11	0°49	9° 0	17°23	16°31	26°33	n.a.	M 6
T 7	22 19 13	2°49'03	1♊33	21°55	24° 8	29°50	5°20	0° 2	23°13	0°50	8°58	17°D22	16°28	26°40	n.a.	T 7
W 8	22 23 9	3°48'44	14°15	23°39	25°23	29°49	5°30	29♓58	23°15	0°52	8°57	17°R23	16°25	26°47	n.a.	W 8
T 9	22 27 6	4°48'28	26°38	25°23	26°38	29°D48	5°40	29°54	23°17	0°53	8°56	17°22	16°22	26°54	n.a.	T 9
F 10	22 31 2	5°48'13	8♋47	27° 7	27°54	29°49	5°49	29°50	23°18	0°55	8°55	17°21	16°18	27° 0	n.a.	F 10
S 11	22 34 59	6°48'01	20°46	28°51	29° 9	29°50	5°58	29°45	23°20	0°56	8°54	17°16	16°15	27° 7	n.a.	S 11
S 12	22 38 55	7°47'52	2♌39	0♍35	0♍24	29°52	6° 7	29°41	23°21	0°58	8°53	17° 9	16°12	27°14	n.a.	S 12
M13	22 42 52	8°47'44	14°30	2°18	1°40	29°54	6°17	29°36	23°23	0°59	8°52	16°59	16° 9	27°20	n.a.	M13
T 14	22 46 48	9°47'39	26°21	4° 1	2°55	29°58	6°26	29°32	23°24	1° 1	8°51	16°46	16° 6	27°27	n.a.	T 14
W15	22 50 45	10°47'36	8♍13	5°44	4°11	0♒ 2	6°34	29°28	23°26	1° 2	8°50	16°32	16° 3	27°34	n.a.	W15
T 16	22 54 41	11°47'35	20° 9	7°26	5°26	0° 7	6°43	29°23	23°27	1° 4	8°49	16°17	15°59	27°41	n.a.	T 16
F 17	22 58 38	12°47'36	2♎ 9	9° 8	6°41	0°13	6°52	29°18	23°29	1° 5	8°48	16° 3	15°56	27°47	n.a.	F 17
S 18	23 2 35	13°47'39	14°14	10°49	7°57	0°20	7° 0	29°14	23°30	1° 7	8°47	15°50	15°53	27°54	n.a.	S 18
S 19	23 6 31	14°47'44	26°27	12°30	9°12	0°27	7° 9	29° 9	23°31	1° 9	8°46	15°41	15°50	28° 1	n.a.	S 19
M20	23 10 28	15°47'51	8♏49	14°10	10°28	0°35	7°17	29° 4	23°32	1°11	8°45	15°34	15°47	28° 8	n.a.	M20
T 21	23 14 24	16°47'59	21°23	15°50	11°43	0°44	7°25	29° 0	23°33	1°12	8°44	15°30	15°43	28°14	n.a.	T 21
W22	23 18 21	17°48'09	4♐12	17°29	12°59	0°53	7°33	28°55	23°34	1°14	8°43	15°29	15°40	28°21	n.a.	W22
T 23	23 22 17	18°48'21	17°21	19° 8	14°14	1° 3	7°41	28°50	23°35	1°16	8°42	15°29	15°37	28°28	n.a.	T 23
F 24	23 26 14	19°48'35	0♑52	20°46	15°30	1°14	7°48	28°45	23°36	1°18	8°41	15°28	15°34	28°34	n.a.	F 24
S 25	23 30 10	20°48'50	14°48	22°24	16°45	1°26	7°56	28°40	23°37	1°19	8°41	15°27	15°31	28°41	n.a.	S 25
S 26	23 34 7	21°49'07	29°10	24° 1	18° 1	1°38	8° 3	28°36	23°38	1°21	8°40	15°23	15°28	28°48	n.a.	S 26
M27	23 38 4	22°49'26	13♒56	25°38	19°16	1°51	8°11	28°31	23°39	1°23	8°39	15°16	15°24	28°55	n.a.	M27
T 28	23 42 0	23°49'46	28°59	27°14	20°32	2° 4	8°18	28°26	23°40	1°25	8°38	15° 7	15°21	29° 1	n.a.	T 28
W29	23 45 57	24°50'08	14♓13	28°50	21°47	2°18	8°25	28°21	23°40	1°27	8°37	14°56	15°18	29° 8	n.a.	W29
T 30	23 49 53	25♍50'31	29♓25	0♎25	23♍ 3	2♒33	8♋32	28♓16	23♊41	1♏29	8♒37	14♐45	15♐15	29♌15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n46	4s51	4n56	19n16	1n49	17n26	1n23	25s43	5s25	24n 9	0n24	2s27	2s52	23n56	0n17	10s11	1n50	33s14	15s36	23s17	23s10	8n32		n.a.
T 2	12 25	1n 7	5 1	18 51	1 52	17 3	1 23	25 40	5 20	24 9	0 24	2 28	2 52	23 56	0 17	10 12	1 50	33 15	15 36	23 16	23 9	8 30		n.a.
F 3	12 4	6 55	4 46	18 23	1 54	16 40	1 24	25 37	5 16	24 9	0 24	2 30	2 52	23 56	0 17	10 12	1 50	33 15	15 36	23 15	23 9	8 27		n.a.
S 4	11 43	12 10	4 13	17 53	1 55	16 16	1 24	25 34	5 12	24 9	0 24	2 32	2 52	23 56	0 17	10 13	1 50	33 15	15 36	23 14	23 9	8 24		n.a.
S 5	11 21	16 35	3 25	17 22	1 56	15 52	1 25	25 30	5 8	24 8	0 24	2 34	2 52	23 57	0 17	10 13	1 50	33 15	15 36	23 14	23 8	8 22		n.a.
M 6	11 0	19 57	2 27	16 49	1 56	15 27	1 25	25 27	5 3	24 8	0 24	2 35	2 52	23 57	0 17	10 14	1 50	33 16	15 36	23 13	23 8	8 19		n.a.
T 7	10 38	22 10	1 23	16 14	1 55	15 2	1 25	25 23	4 59	24 8	0 25	2 37	2 53	23 57	0 18	10 14	1 50	33 16	15 36	23 13	23 8	8 17		n.a.
W 8	10 16	23 10	0 17	15 38	1 54	14 37	1 26	25 19	4 54	24 8	0 25	2 39	2 53	23 57	0 18	10 15	1 50	33 16	15 36	23 13	23 8	8 14		n.a.
T 9	9 54	22 58	0s49	15 1	1 52	14 11	1 26	25 14	4 50	24 7	0 25	2 41	2 53	23 57	0 18	10 16	1 50	33 16	15 35	23 13	23 7	8 12		n.a.
F 10	9 32	21 42	1 51	14 22	1 49	13 44	1 26	25 10	4 46	24 7	0 25	2 43	2 53	23 57	0 18	10 16	1 50	33 16	15 35	23 13	23 7	8 9		n.a.
S 11	9 10	19 27	2 47	13 43	1 46	13 18	1 26	25 5	4 41	24 7	0 25	2 44	2 53	23 57	0 18	10 17	1 50	33 17	15 35	23 13	23 7	8 6		n.a.
S 12	8 47	16 24	3 35	13 3	1 43	12 51	1 26	25 1	4 37	24 7	0 25	2 46	2 53	23 57	0 18	10 17	1 50	33 17	15 35	23 12	23 6	8 4		n.a.
M13	8 24	12 43	4 13	12 22	1 39	12 23	1 26	24 56	4 32	24 6	0 26	2 48	2 53	23 57	0 18	10 18	1 50	33 17	15 35	23 11	23 6	8 1		n.a.
T 14	8 1	8 32	4 41	11 40	1 35	11 55	1 25	24 51	4 28	24 6	0 26	2 50	2 54	23 58	0 18	10 18	1 49	33 17	15 35	23 10	23 6	7 59		n.a.
W15	7 38	4 3	4 56	10 57	1 30	11 27	1 25	24 46	4 23	24 6	0 26	2 52	2 54	23 58	0 18	10 19	1 49	33 17	15 35	23 8	23 5	7 56		n.a.
T 16	7 15	0s36	4 59	10 14	1 26	10 59	1 25	24 40	4 19	24 6	0 26	2 54	2 54	23 58	0 18	10 20	1 49	33 17	15 34	23 7	23 5	7 54		n.a.
F 17	6 52	5 15	4 48	9 31	1 21	10 30	1 24	24 35	4 15	24 5	0 26	2 56	2 54	23 58	0 18	10 20	1 49	33 17	15 34	23 5	23 5	7 51		n.a.
S 18	6 28	9 45	4 24	8 47	1 15	10 1	1 24	24 29	4 10	24 5	0 27	2 58	2 54	23 58	0 18	10 21	1 49	33 17	15 34	23 4	23 4	7 49		n.a.
S 19	6 5	13 54	3 48	8 3	1 10	9 32	1 23	24 23	4 6	24 5	0 27	3 0	2 54	23 58	0 18	10 22	1 49	33 18	15 34	23 3	23 4	7 46		n.a.
M20	5 41	17 31	3 0	7 19	1 4	9 2	1 23	24 17	4 2	24 5	0 27	3 2	2 54	23 58	0 18	10 22	1 49	33 18	15 34	23 2	23 3	7 43		n.a.
T 21	5 18	20 23	2 4	6 34	0 59	8 33	1 22	24 11	3 58	24 4	0 27	3 4	2 54	23 58	0 18	10 23	1 49	33 18	15 33	23 2	23 3	7 41		n.a.
W22	4 54	22 18	0 59	5 50	0 53	8 3	1 21	24 5	3 53	24 4	0 27	3 6	2 54	23 58	0 18	10 24	1 49	33 18	15 33	23 2	23 3	7 38		n.a.
T 23	4 30	23 3	0n10	5 5	0 47	7 32	1 21	23 58	3 49	24 4	0 27	3 8	2 54	23 58	0 18	10 24	1 49	33 18	15 33	23 2	23 2	7 36		n.a.
F 24	4 6	22 29	1 20	4 20	0 40	7 2	1 20	23 52	3 45	24 3	0 28	3 10	2 54	23 58	0 18	10 25	1 49	33 18	15 33	23 1	23 2	7 33		n.a.
S 25	3 42	20 32	2 28	3 35	0 34	6 31	1 19	23 45	3 41	24 3	0 28	3 12	2 54	23 58	0 18	10 26	1 49	33 18	15 33	23 1	23 2	7 31		n.a.
S 26	3 18	17 15	3 29	2 50	0 28	6 0	1 18	23 38	3 37	24 3	0 28	3 14	2 54	23 59	0 18	10 26	1 49	33 18	15 32	23 1	23 1	7 28		n.a.
M27	2 54	12 49	4 17	2 5	0 21	5 29	1 17	23 32	3 33	24 3	0 28	3 16	2 54	23 59	0 18	10 27	1 49	33 18	15 32	23 0	23 1	7 25		n.a.
T 28	2 29	7 30	4 49	1 21	0 15	4 58	1 16	23 25	3 29	24 2	0 28	3 18	2 54	23 59	0 18	10 28	1 49	33 18	15 32	22 59	23 1	7 23		n.a.
W29	2 5	1 42	5 0	0 36	0 8	4 27	1 15	23 18	3 25	24 2	0 29	3 20	2 55	23 59	0 18	10 28	1 49	33 18	15 32	22 58	23 0	7 20		n.a.
T 30	1n41	4n12	4n51	0s 9	0n 2	3n56	1n13	23s10	3s21	24n 2	0n29	3s22	2s55	23n59	0n18	10s29	1n49	33s18	15s31	22s57	23s 0	7n18		n.a.

Julian Day Number = 1300167.5, Delta T = 07h51m06s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'43, Lahiri = -19°52'42 Julian Calendar 1 Sept. 1154 BCE == Greg. Calendar 21 Aug. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

OCTOBER 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 53 50	26♍50'56	14♈25	2♎ 1	24♍18	2♒48	8♋38	28°R11	23♊42	1♏31	8°R36	14°R34	15♐12	29♌21	n.a.	F 1
S 2	23 57 46	27°51'24	29° 4	3°35	25°34	3° 3	8°45	28♓ 6	23°42	1°33	8♒35	14♐26	15° 9	29°28	n.a.	S 2
S 3	0 1 43	28°51'53	13♉15	5°10	26°49	3°20	8°52	28° 1	23°42	1°35	8°34	14°20	15° 5	29°35	n.a.	S 3
M 4	0 5 39	29°52'24	26°57	6°44	28° 5	3°37	8°58	27°56	23°43	1°37	8°34	14°16	15° 2	29°42	n.a.	M 4
T 5	0 9 36	0♎52'57	10♊10	8°17	29°21	3°54	9° 4	27°51	23°43	1°39	8°33	14°D15	14°59	29°48	n.a.	T 5
W 6	0 13 32	1°53'33	22°56	9°51	0♎36	4°12	9°10	27°46	23°44	1°41	8°32	14°15	14°56	29°55	n.a.	W 6
T 7	0 17 29	2°54'10	5♋21	11°24	1°52	4°30	9°16	27°41	23°44	1°43	8°32	14°R15	14°53	0♍ 2	n.a.	T 7
F 8	0 21 26	3°54'49	17°30	12°57	3° 7	4°49	9°21	27°37	23°44	1°45	8°31	14°15	14°49	0° 8	n.a.	F 8
S 9	0 25 22	4°55'30	29°28	14°29	4°23	5° 8	9°27	27°32	23°44	1°47	8°30	14°12	14°46	0°15	n.a.	S 9
S 10	0 29 19	5°56'12	11♌20	16° 2	5°38	5°28	9°32	27°27	23°44	1°49	8°30	14° 6	14°43	0°22	n.a.	S 10
M11	0 33 15	6°56'57	23°10	17°34	6°54	5°49	9°37	27°22	23°R44	1°51	8°29	13°58	14°40	0°29	n.a.	M11
T 12	0 37 12	7°57'43	5♍ 1	19° 5	8°10	6° 9	9°42	27°17	23°44	1°53	8°29	13°47	14°37	0°35	n.a.	T 12
W13	0 41 8	8°58'31	16°57	20°37	9°25	6°31	9°47	27°12	23°44	1°55	8°28	13°35	14°34	0°42	n.a.	W13
T 14	0 45 5	9°59'20	28°59	22° 8	10°41	6°52	9°52	27° 8	23°44	1°57	8°28	13°22	14°30	0°49	n.a.	T 14
F 15	0 49 1	11° 0'11	11♎ 9	23°39	11°56	7°14	9°56	27° 3	23°44	1°59	8°27	13° 9	14°27	0°55	n.a.	F 15
S 16	0 52 58	12° 1'03	23°27	25°10	13°12	7°37	10° 1	26°58	23°43	2° 1	8°27	12°59	14°24	1° 2	n.a.	S 16
S 17	0 56 55	13° 1'57	5♏53	26°40	14°28	8° 0	10° 5	26°54	23°43	2° 4	8°26	12°50	14°21	1° 9	n.a.	S 17
M18	1 0 51	14° 2'52	18°29	28°10	15°43	8°23	10° 9	26°49	23°43	2° 6	8°26	12°45	14°18	1°16	n.a.	M18
T 19	1 4 48	15° 3'48	1♐16	29°40	16°59	8°47	10°13	26°44	23°42	2° 8	8°26	12°42	14°14	1°22	n.a.	T 19
W20	1 8 44	16° 4'45	14°16	1♏10	18°14	9°11	10°16	26°40	23°42	2°10	8°25	12°D41	14°11	1°29	n.a.	W20
T 21	1 12 41	17° 5'43	27°29	2°39	19°30	9°35	10°20	26°35	23°41	2°12	8°25	12°42	14° 8	1°36	n.a.	T 21
F 22	1 16 37	18° 6'42	10♑59	4° 7	20°46	10° 0	10°23	26°31	23°41	2°15	8°25	12°43	14° 5	1°43	n.a.	F 22
S 23	1 20 34	19° 7'42	24°48	5°35	22° 1	10°25	10°26	26°27	23°40	2°17	8°24	12°R43	14° 2	1°49	n.a.	S 23
S 24	1 24 30	20° 8'43	8♒55	7° 3	23°17	10°51	10°29	26°22	23°39	2°19	8°24	12°41	13°59	1°56	n.a.	S 24
M25	1 28 27	21° 9'45	23°20	8°29	24°32	11°16	10°31	26°18	23°39	2°21	8°24	12°37	13°55	2° 3	n.a.	M25
T 26	1 32 24	22°10'47	8♓ 1	9°55	25°48	11°43	10°34	26°14	23°38	2°23	8°24	12°31	13°52	2° 9	n.a.	T 26
W27	1 36 20	23°11'50	22°51	11°21	27° 3	12° 9	10°36	26°10	23°37	2°26	8°23	12°24	13°49	2°16	n.a.	W27
T 28	1 40 17	24°12'54	7♈42	12°45	28°19	12°36	10°38	26° 6	23°36	2°28	8°23	12°16	13°46	2°23	n.a.	T 28
F 29	1 44 13	25°13'59	22°26	14° 7	29°34	13° 3	10°40	26° 2	23°35	2°30	8°23	12° 8	13°43	2°30	n.a.	F 29
S 30	1 48 10	26°15'04	6♉55	15°29	0♏50	13°30	10°42	25°58	23°34	2°32	8°23	12° 2	13°40	2°36	n.a.	S 30
S 31	1 52 6	27♎16'11	21♉ 3	16♏49	2♏ 5	13♒58	10♋44	25♓54	23♊33	2♏35	8♒23	11♐58	13♐36	2♍43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n16	9n46	4n21	0s53	0s 5	3n24	1n12	23s 3	3s17	24n 2	0n29	3s24	2s55	23n59	0n18	10s30	1n49	33s18	15s31	22s55	23s 0	7n15		n.a.
S 2	0 52	14 39	3 35	1 37	0 11	2 52	1 11	22 56	3 13	24 1	0 29	3 26	2 55	23 59	0 18	10 30	1 49	33 18	15 31	22 54	22 59	7 13		n.a.
S 3	0 28	18 33	2 36	2 21	0 18	2 21	1 10	22 48	3 10	24 1	0 29	3 28	2 55	23 59	0 18	10 31	1 49	33 18	15 31	22 54	22 59	7 10		n.a.
M 4	0 3	21 16	1 30	3 5	0 24	1 49	1 8	22 40	3 6	24 1	0 30	3 30	2 54	23 59	0 18	10 32	1 49	33 18	15 30	22 53	22 59	7 7		n.a.
T 5	0s21	22 42	0 22	3 49	0 31	1 17	1 7	22 33	3 2	24 1	0 30	3 32	2 54	23 59	0 18	10 33	1 49	33 18	15 30	22 53	22 58	7 5		n.a.
W 6	0 46	22 52	0s46	4 32	0 37	0 45	1 5	22 25	2 59	24 0	0 30	3 34	2 54	23 59	0 18	10 33	1 48	33 18	15 30	22 53	22 58	7 2		n.a.
T 7	1 10	21 54	1 50	5 15	0 44	0 13	1 4	22 17	2 55	24 0	0 30	3 35	2 54	23 59	0 18	10 34	1 48	33 18	15 30	22 53	22 57	7 0		n.a.
F 8	1 35	19 55	2 47	5 58	0 50	0s19	1 2	22 9	2 51	24 0	0 30	3 37	2 54	23 59	0 18	10 35	1 48	33 18	15 29	22 53	22 57	6 57		n.a.
S 9	1 59	17 5	3 36	6 40	0 56	0 51	1 0	22 0	2 48	24 0	0 31	3 39	2 54	23 59	0 18	10 36	1 48	33 18	15 29	22 53	22 57	6 55		n.a.
S 10	2 24	13 35	4 15	7 22	1 2	1 23	0 59	21 52	2 45	24 0	0 31	3 41	2 54	23 59	0 18	10 36	1 48	33 17	15 29	22 52	22 56	6 52		n.a.
M11	2 48	9 34	4 43	8 3	1 8	1 55	0 57	21 44	2 41	24 0	0 31	3 43	2 54	23 59	0 18	10 37	1 48	33 17	15 28	22 51	22 56	6 49		n.a.
T 12	3 13	5 12	4 59	8 44	1 14	2 27	0 55	21 35	2 38	23 59	0 31	3 45	2 54	23 59	0 18	10 38	1 48	33 17	15 28	22 50	22 56	6 47		n.a.
W13	3 37	0 37	5 2	9 25	1 20	2 59	0 53	21 26	2 34	23 59	0 31	3 47	2 54	23 59	0 18	10 39	1 48	33 17	15 28	22 48	22 55	6 44		n.a.
T 14	4 1	4s 2	4 51	10 5	1 26	3 30	0 52	21 18	2 31	23 59	0 32	3 49	2 54	23 59	0 18	10 39	1 48	33 17	15 28	22 47	22 55	6 42		n.a.
F 15	4 25	8 34	4 28	10 44	1 31	4 2	0 50	21 9	2 28	23 59	0 32	3 51	2 54	23 59	0 18	10 40	1 48	33 17	15 27	22 45	22 55	6 39		n.a.
S 16	4 50	12 49	3 51	11 23	1 37	4 34	0 48	21 0	2 25	23 59	0 32	3 52	2 54	23 59	0 19	10 41	1 48	33 17	15 27	22 44	22 54	6 37		n.a.
S 17	5 14	16 34	3 3	12 2	1 42	5 5	0 46	20 51	2 22	23 59	0 32	3 54	2 54	23 59	0 19	10 42	1 48	33 16	15 27	22 43	22 54	6 34		n.a.
M18	5 38	19 37	2 6	12 39	1 47	5 37	0 44	20 41	2 19	23 59	0 33	3 56	2 54	23 59	0 19	10 43	1 48	33 16	15 26	22 42	22 53	6 31		n.a.
T 19	6 2	21 44	1 1	13 16	1 51	6 8	0 42	20 32	2 15	23 59	0 33	3 58	2 53	23 59	0 19	10 43	1 48	33 16	15 26	22 41	22 53	6 29		n.a.
W20	6 26	22 45	0n 8	13 52	1 56	6 39	0 40	20 23	2 12	23 58	0 33	3 59	2 53	23 59	0 19	10 44	1 48	33 16	15 26	22 41	22 53	6 26		n.a.
T 21	6 49	22 30	1 19	14 28	2 0	7 10	0 38	20 13	2 9	23 58	0 33	4 1	2 53	23 59	0 19	10 45	1 48	33 16	15 25	22 41	22 52	6 24		n.a.
F 22	7 13	20 57	2 26	15 2	2 4	7 41	0 35	20 4	2 7	23 58	0 33	4 3	2 53	23 59	0 19	10 46	1 48	33 15	15 25	22 42	22 52	6 21		n.a.
S 23	7 36	18 8	3 26	15 36	2 8	8 12	0 33	19 54	2 4	23 58	0 34	4 4	2 53	23 59	0 19	10 46	1 48	33 15	15 25	22 42	22 51	6 18		n.a.
S 24	8 0	14 13	4 15	16 9	2 11	8 43	0 31	19 44	2 1	23 58	0 34	4 6	2 53	23 59	0 19	10 47	1 48	33 15	15 24	22 41	22 51	6 16		n.a.
M25	8 23	9 24	4 50	16 41	2 14	9 13	0 29	19 34	1 58	23 58	0 34	4 7	2 53	23 59	0 19	10 48	1 48	33 15	15 24	22 41	22 51	6 13		n.a.
T 26	8 46	3 59	5 6	17 11	2 17	9 43	0 27	19 24	1 55	23 58	0 34	4 9	2 52	23 59	0 19	10 49	1 48	33 15	15 24	22 40	22 50	6 11		n.a.
W27	9 9	1n43	5 2	17 40	2 19	10 13	0 24	19 14	1 53	23 58	0 35	4 11	2 52	23 59	0 19	10 50	1 48	33 14	15 23	22 39	22 50	6 8		n.a.
T 28	9 32	7 20	4 37	18 9	2 21	10 42	0 22	19 3	1 50	23 59	0 35	4 12	2 52	23 59	0 19	10 50	1 48	33 14	15 23	22 38	22 50	6 6		n.a.
F 29	9 55	12 29	3 55	18 35	2 22	11 12	0 20	18 53	1 47	23 59	0 35	4 13	2 52	23 59	0 19	10 51	1 48	33 14	15 23	22 37	22 49	6 3		n.a.
S 30	10 18	16 50	2 58	19 1	2 22	11 41	0 17	18 43	1 45	23 59	0 35	4 15	2 52	23 59	0 19	10 52	1 48	33 13	15 23	22 36	22 49	6 0		n.a.
S 31	10s40	20n 5	1n50	19s24	2s23	12s10	0n15	18s32	1s42	23n59	0n35	4s16	2s52	23n59	0n19	10s53	1n48	33s13	15s22	22s36	22s48	5n58		n.a.

Julian Day Number = 1300197.5, Delta T = 07h51m05s
Ecliptic obliquity = 23°49'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'39, Lahiri = -19°52'38 Julian Calendar 1 Oct. 1154 BCE == Greg. Calendar 20 Sept. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

NOVEMBER 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 56 3	28♎17'19	4♊46	18♏ 7	3♏21	14♒25	10♋45	25°R50	23°R32	2♏37	8°R23	11°R56	13♐33	2♍50	n.a.	M 1
T 2	1 59 59	29°18'28	18° 3	19°22	4°36	14°53	10°46	25♓47	23♊31	2°39	8♒23	11°D56	13°30	2°56	n.a.	T 2
W 3	2 3 56	0♏19'38	0♋55	20°35	5°52	15°22	10°47	25°43	23°29	2°41	8°D23	11♐57	13°27	3° 3	n.a.	W 3
T 4	2 7 53	1°20'49	13°25	21°46	7° 7	15°50	10°48	25°40	23°28	2°44	8°23	11°59	13°24	3°10	n.a.	T 4
F 5	2 11 49	2°22'00	25°38	22°52	8°23	16°19	10°49	25°36	23°27	2°46	8°23	12° 0	13°20	3°17	n.a.	F 5
S 6	2 15 46	3°23'13	7♌39	23°55	9°38	16°48	10°49	25°33	23°26	2°48	8°23	12°R 0	13°17	3°23	n.a.	S 6
S 7	2 19 42	4°24'27	19°33	24°53	10°54	17°18	10°R49	25°29	23°24	2°51	8°23	11°59	13°14	3°30	n.a.	S 7
M 8	2 23 39	5°25'41	1♍24	25°46	12° 9	17°47	10°49	25°26	23°23	2°53	8°23	11°56	13°11	3°37	n.a.	M 8
T 9	2 27 35	6°26'56	13°17	26°33	13°25	18°17	10°49	25°23	23°21	2°55	8°23	11°51	13° 8	3°44	n.a.	T 9
W10	2 31 32	7°28'12	25°16	27°13	14°40	18°47	10°49	25°20	23°20	2°57	8°23	11°45	13° 5	3°50	n.a.	W10
T 11	2 35 28	8°29'29	7♎24	27°46	15°56	19°17	10°48	25°17	23°18	3° 0	8°24	11°39	13° 1	3°57	n.a.	T 11
F 12	2 39 25	9°30'46	19°42	28°10	17°11	19°47	10°47	25°14	23°16	3° 2	8°24	11°33	12°58	4° 4	n.a.	F 12
S 13	2 43 22	10°32'03	2♏13	28°24	18°27	20°18	10°46	25°12	23°15	3° 4	8°24	11°27	12°55	4°10	n.a.	S 13
S 14	2 47 18	11°33'21	14°57	28°R28	19°42	20°49	10°45	25° 9	23°13	3° 6	8°24	11°23	12°52	4°17	n.a.	S 14
M15	2 51 15	12°34'40	27°54	28°22	20°57	21°20	10°44	25° 7	23°11	3° 9	8°25	11°21	12°49	4°24	n.a.	M15
T 16	2 55 11	13°35'58	11♐ 3	28° 3	22°13	21°51	10°42	25° 4	23° 9	3°11	8°25	11°D20	12°45	4°31	n.a.	T 16
W17	2 59 8	14°37'17	24°24	27°33	23°28	22°22	10°40	25° 2	23° 8	3°13	8°25	11°21	12°42	4°37	n.a.	W17
T 18	3 3 4	15°38'36	7♑57	26°52	24°44	22°54	10°38	25° 0	23° 6	3°15	8°26	11°22	12°39	4°44	n.a.	T 18
F 19	3 7 1	16°39'55	21°40	25°59	25°59	23°26	10°36	24°58	23° 4	3°18	8°26	11°24	12°36	4°51	n.a.	F 19
S 20	3 10 58	17°41'13	5♒34	24°56	27°14	23°58	10°34	24°56	23° 2	3°20	8°26	11°25	12°33	4°57	n.a.	S 20
S 21	3 14 54	18°42'31	19°38	23°45	28°30	24°30	10°31	24°54	23° 0	3°22	8°27	11°R26	12°30	5° 4	n.a.	S 21
M22	3 18 51	19°43'49	3♓50	22°28	29°45	25° 2	10°28	24°52	22°58	3°24	8°27	11°25	12°26	5°11	n.a.	M22
T 23	3 22 47	20°45'06	18° 9	21° 7	1♐ 0	25°34	10°25	24°50	22°56	3°26	8°28	11°23	12°23	5°18	n.a.	T 23
W24	3 26 44	21°46'23	2♈31	19°46	2°16	26° 7	10°22	24°49	22°54	3°29	8°28	11°21	12°20	5°24	n.a.	W24
T 25	3 30 40	22°47'40	16°52	18°26	3°31	26°39	10°19	24°47	22°51	3°31	8°29	11°18	12°17	5°31	n.a.	T 25
F 26	3 34 37	23°48'57	1♉ 7	17°10	4°46	27°12	10°16	24°46	22°49	3°33	8°29	11°16	12°14	5°38	n.a.	F 26
S 27	3 38 33	24°50'13	15°12	16° 1	6° 2	27°45	10°12	24°45	22°47	3°35	8°30	11°14	12°11	5°45	n.a.	S 27
S 28	3 42 30	25°51'29	29° 1	15° 0	7°17	28°18	10° 8	24°43	22°45	3°37	8°30	11°13	12° 7	5°51	n.a.	S 28
M29	3 46 27	26°52'45	12♊32	14° 8	8°32	28°51	10° 4	24°42	22°43	3°39	8°31	11°D12	12° 4	5°58	n.a.	M29
T 30	3 50 23	27♏54'00	25♊43	13♏26	9♐47	29♒24	10♋ 0	24♓42	22♊40	3♏41	8♒32	11♐13	12♐ 1	6♍ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 2	22n 4	0n39	19s46	2s22	12s38	0n13	18s21	1s40	23n59	0n36	4s18	2s51	23n59	0n19	10s54	1n48	33s13	15s22	22s35	22s48	5n55		n.a.
T 2	11 24	22 44	0s33	20 7	2 21	13 6	0 10	18 11	1 37	23 59	0 36	4 19	2 51	23 59	0 19	10 54	1 48	33 13	15 22	22 35	22 48	5 53		n.a.
W 3	11 46	22 9	1 41	20 25	2 19	13 34	0 8	18 0	1 35	23 59	0 36	4 20	2 51	23 59	0 19	10 55	1 48	33 12	15 21	22 36	22 47	5 50		n.a.
T 4	12 8	20 27	2 42	20 41	2 16	14 2	0 6	17 49	1 32	23 59	0 36	4 21	2 51	23 59	0 19	10 56	1 48	33 12	15 21	22 36	22 47	5 48		n.a.
F 5	12 30	17 51	3 35	20 55	2 12	14 29	0 3	17 38	1 30	24 0	0 37	4 23	2 50	23 59	0 19	10 57	1 48	33 12	15 21	22 36	22 46	5 45		n.a.
S 6	12 51	14 31	4 17	21 7	2 8	14 55	0 1	17 27	1 27	24 0	0 37	4 24	2 50	23 59	0 19	10 58	1 48	33 11	15 20	22 36	22 46	5 42		n.a.
S 7	13 12	10 39	4 48	21 16	2 2	15 22	0s 2	17 15	1 25	24 0	0 37	4 25	2 50	23 59	0 19	10 58	1 48	33 11	15 20	22 36	22 46	5 40		n.a.
M 8	13 33	6 24	5 6	21 23	1 56	15 48	0 4	17 4	1 23	24 0	0 37	4 26	2 50	23 59	0 19	10 59	1 48	33 11	15 20	22 35	22 45	5 37		n.a.
T 9	13 53	1 54	5 11	21 27	1 48	16 13	0 6	16 52	1 21	24 0	0 38	4 27	2 50	23 59	0 19	11 0	1 48	33 10	15 19	22 35	22 45	5 35		n.a.
W10	14 14	2s42	5 2	21 27	1 39	16 38	0 9	16 41	1 18	24 1	0 38	4 28	2 49	23 59	0 19	11 1	1 48	33 10	15 19	22 34	22 44	5 32		n.a.
T 11	14 34	7 15	4 40	21 25	1 28	17 3	0 11	16 29	1 16	24 1	0 38	4 29	2 49	23 59	0 19	11 1	1 48	33 9	15 19	22 33	22 44	5 30		n.a.
F 12	14 54	11 36	4 5	21 19	1 16	17 27	0 13	16 17	1 14	24 1	0 38	4 30	2 49	23 59	0 19	11 2	1 48	33 9	15 18	22 32	22 44	5 27		n.a.
S 13	15 13	15 31	3 18	21 9	1 3	17 51	0 16	16 5	1 12	24 2	0 39	4 31	2 49	23 59	0 19	11 3	1 48	33 9	15 18	22 31	22 43	5 24		n.a.
S 14	15 33	18 48	2 19	20 56	0 48	18 14	0 18	15 53	1 10	24 2	0 39	4 31	2 48	23 58	0 19	11 4	1 48	33 8	15 18	22 31	22 43	5 22		n.a.
M15	15 52	21 12	1 13	20 38	0 32	18 37	0 21	15 41	1 8	24 2	0 39	4 32	2 48	23 58	0 19	11 5	1 48	33 8	15 17	22 31	22 42	5 19		n.a.
T 16	16 11	22 30	0 2	20 17	0 15	18 59	0 23	15 29	1 6	24 3	0 39	4 33	2 48	23 58	0 19	11 5	1 48	33 8	15 17	22 30	22 42	5 17		n.a.
W17	16 29	22 32	1n11	19 52	0n 4	19 21	0 25	15 17	1 4	24 3	0 40	4 34	2 48	23 58	0 19	11 6	1 48	33 7	15 17	22 31	22 42	5 14		n.a.
T 18	16 47	21 15	2 21	19 24	0 23	19 42	0 28	15 5	1 2	24 3	0 40	4 34	2 47	23 58	0 19	11 7	1 48	33 7	15 16	22 31	22 41	5 12		n.a.
F 19	17 5	18 42	3 24	18 52	0 43	20 3	0 30	14 52	1 0	24 4	0 40	4 35	2 47	23 58	0 19	11 8	1 48	33 6	15 16	22 31	22 41	5 9		n.a.
S 20	17 23	15 4	4 15	18 17	1 4	20 23	0 32	14 40	0 58	24 4	0 40	4 35	2 47	23 58	0 19	11 8	1 48	33 6	15 16	22 31	22 40	5 6		n.a.
S 21	17 40	10 33	4 52	17 40	1 24	20 43	0 34	14 27	0 56	24 5	0 40	4 36	2 46	23 58	0 19	11 9	1 48	33 5	15 15	22 31	22 40	5 4		n.a.
M22	17 57	5 25	5 12	17 2	1 43	21 1	0 37	14 14	0 54	24 5	0 41	4 36	2 46	23 58	0 19	11 10	1 48	33 5	15 15	22 31	22 39	5 1		n.a.
T 23	18 14	0n 1	5 13	16 23	2 1	21 20	0 39	14 1	0 52	24 6	0 41	4 37	2 46	23 58	0 19	11 11	1 48	33 4	15 15	22 31	22 39	4 59		n.a.
W24	18 30	5 30	4 54	15 46	2 18	21 37	0 41	13 49	0 50	24 6	0 41	4 37	2 46	23 58	0 19	11 11	1 48	33 4	15 14	22 31	22 39	4 56		n.a.
T 25	18 46	10 40	4 17	15 10	2 32	21 54	0 43	13 36	0 49	24 7	0 41	4 38	2 45	23 58	0 19	11 12	1 48	33 4	15 14	22 30	22 38	4 54		n.a.
F 26	19 2	15 13	3 24	14 37	2 44	22 11	0 45	13 23	0 47	24 7	0 42	4 38	2 45	23 57	0 19	11 13	1 48	33 3	15 14	22 30	22 38	4 51		n.a.
S 27	19 17	18 52	2 19	14 7	2 54	22 27	0 47	13 9	0 45	24 8	0 42	4 38	2 45	23 57	0 20	11 13	1 48	33 3	15 13	22 30	22 37	4 48		n.a.
S 28	19 32	21 21	1 7	13 42	3 2	22 42	0 50	12 56	0 43	24 8	0 42	4 38	2 44	23 57	0 20	11 14	1 48	33 2	15 13	22 29	22 37	4 46		n.a.
M29	19 47	22 33	0s 7	13 22	3 7	22 56	0 52	12 43	0 42	24 9	0 42	4 38	2 44	23 57	0 20	11 15	1 48	33 2	15 13	22 29	22 36	4 43		n.a.
T 30	20s 1	22n26	1s20	13s 6	3n11	23s10	0s54	12s30	0s40	24n 9	0n43	4s39	2s44	23n57	0n20	11s16	1n48	33s 1	15s12	22s29	22s36	4n41		n.a.

Julian Day Number = 1300228.5, Delta T = 07h51m03s
Ecliptic obliquity = 23°49'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'35, Lahiri = -19°52'34 Julian Calendar 1 Nov. 1154 BCE == Greg. Calendar 21 Oct. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1154 BCE
geocentric

DECEMBER 1154 BCE (-1153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 54 20	28♏55'15	8♋34	12°R54	11♐ 3	29♒58	9°R56	24°R41	22°R38	3♏43	8♒32	11♐14	11♐58	6♍11	n.a.	W 1
T 2	3 58 16	29°56'31	21° 7	12♏32	12°18	0♓31	9♋51	24♓40	22♊36	3°46	8°33	11°15	11°55	6°18	n.a.	T 2
F 3	4 2 13	0♐57'45	3♌23	12°19	13°33	1° 5	9°46	24°40	22°33	3°48	8°34	11°16	11°51	6°25	n.a.	F 3
S 4	4 6 9	1°59'00	15°27	12°D16	14°48	1°39	9°41	24°39	22°31	3°50	8°34	11°17	11°48	6°32	n.a.	S 4
S 5	4 10 6	3° 0'14	27°23	12°21	16° 3	2°12	9°36	24°39	22°29	3°52	8°35	11°17	11°45	6°38	n.a.	S 5
M 6	4 14 3	4° 1'29	9♍15	12°35	17°18	2°46	9°31	24°39	22°26	3°54	8°36	11°R17	11°42	6°45	n.a.	M 6
T 7	4 17 59	5° 2'42	21° 9	12°56	18°34	3°20	9°26	24°D38	22°24	3°56	8°37	11°17	11°39	6°52	n.a.	T 7
W 8	4 21 56	6° 3'56	3♎ 9	13°23	19°49	3°55	9°20	24°38	22°21	3°58	8°38	11°16	11°36	6°59	n.a.	W 8
T 9	4 25 52	7° 5'08	15°19	13°56	21° 4	4°29	9°15	24°39	22°19	4° 0	8°38	11°16	11°32	7° 5	n.a.	T 9
F 10	4 29 49	8° 6'21	27°42	14°35	22°19	5° 3	9° 9	24°39	22°16	4° 2	8°39	11°15	11°29	7°12	n.a.	F 10
S 11	4 33 45	9° 7'33	10♏22	15°19	23°34	5°38	9° 3	24°39	22°14	4° 4	8°40	11°15	11°26	7°19	n.a.	S 11
S 12	4 37 42	10° 8'44	23°21	16° 7	24°49	6°12	8°57	24°40	22°11	4° 6	8°41	11°15	11°23	7°25	n.a.	S 12
M13	4 41 38	11° 9'55	6♐37	16°59	26° 4	6°47	8°51	24°40	22° 9	4° 8	8°42	11°15	11°20	7°32	n.a.	M13
T 14	4 45 35	12°11'05	20°11	17°55	27°19	7°22	8°44	24°41	22° 6	4° 9	8°43	11°15	11°17	7°39	n.a.	T 14
W15	4 49 32	13°12'14	4♑ 0	18°54	28°34	7°56	8°38	24°42	22° 3	4°11	8°44	11°15	11°13	7°46	n.a.	W15
T 16	4 53 28	14°13'22	18° 1	19°56	29°49	8°31	8°31	24°43	22° 1	4°13	8°45	11°14	11°10	7°52	n.a.	T 16
F 17	4 57 25	15°14'28	2♒10	21° 0	1♑ 4	9° 6	8°24	24°44	21°58	4°15	8°46	11°14	11° 7	7°59	n.a.	F 17
S 18	5 1 21	16°15'34	16°24	22° 7	2°19	9°41	8°18	24°45	21°56	4°17	8°47	11°13	11° 4	8° 6	n.a.	S 18
S 19	5 5 18	17°16'38	0♓40	23°16	3°34	10°16	8°11	24°46	21°53	4°19	8°48	11°13	11° 1	8°12	n.a.	S 19
M20	5 9 14	18°17'41	14°53	24°27	4°49	10°52	8° 4	24°48	21°50	4°20	8°49	11°D13	10°57	8°19	n.a.	M20
T 21	5 13 11	19°18'42	29° 2	25°40	6° 4	11°27	7°56	24°49	21°48	4°22	8°50	11°13	10°54	8°26	n.a.	T 21
W22	5 17 8	20°19'42	13♈ 5	26°55	7°19	12° 2	7°49	24°51	21°45	4°24	8°51	11°13	10°51	8°33	n.a.	W22
T 23	5 21 4	21°20'40	27° 0	28°11	8°34	12°38	7°42	24°52	21°43	4°26	8°52	11°14	10°48	8°39	n.a.	T 23
F 24	5 25 1	22°21'37	10♉46	29°28	9°49	13°13	7°35	24°54	21°40	4°27	8°53	11°15	10°45	8°46	n.a.	F 24
S 25	5 28 57	23°22'32	24°21	0♐47	11° 4	13°49	7°27	24°56	21°37	4°29	8°55	11°16	10°42	8°53	n.a.	S 25
S 26	5 32 54	24°23'26	7♊44	2° 7	12°18	14°24	7°20	24°58	21°35	4°31	8°56	11°R16	10°38	9° 0	n.a.	S 26
M27	5 36 50	25°24'19	20°53	3°28	13°33	15° 0	7°12	25° 0	21°32	4°32	8°57	11°16	10°35	9° 6	n.a.	M27
T 28	5 40 47	26°25'11	3♋48	4°51	14°48	15°36	7° 4	25° 3	21°30	4°34	8°58	11°15	10°32	9°13	n.a.	T 28
W29	5 44 43	27°26'01	16°29	6°14	16° 3	16°11	6°57	25° 5	21°27	4°35	8°59	11°13	10°29	9°20	n.a.	W29
T 30	5 48 40	28°26'49	28°57	7°39	17°17	16°47	6°49	25° 8	21°24	4°37	9° 1	11°11	10°26	9°26	n.a.	T 30
F 31	5 52 37	29♐27'37	11♌11	9♐ 5	18♑32	17♓23	6♋41	25♓10	21♊22	4♏38	9♒ 2	11♐ 8	10♐23	9♍33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s15	21n 7	2s26	12s55	3n12	23s23	0s56	12s16	0s39	24n10	0n43	4s39	2s44	23n57	0n20	11s16	1n48	33s 1	15s12	22s29	22s36	4n38			n.a.
T 2	20 28	18 48	3 23	12 49	3 11	23 35	0 58	12 3	0 37	24 10	0 43	4 39	2 43	23 57	0 20	11 17	1 48	33 0	15 12	22 30	22 35	4 36			n.a.
F 3	20 41	15 40	4 10	12 47	3 9	23 47	0 59	11 49	0 35	24 11	0 43	4 39	2 43	23 57	0 20	11 18	1 48	33 0	15 11	22 30	22 35	4 33			n.a.
S 4	20 54	11 55	4 45	12 49	3 6	23 58	1 1	11 35	0 34	24 12	0 43	4 38	2 43	23 57	0 20	11 18	1 48	32 59	15 11	22 30	22 34	4 30			n.a.
S 5	21 6	7 46	5 8	12 55	3 2	24 8	1 3	11 22	0 32	24 12	0 44	4 38	2 42	23 56	0 20	11 19	1 48	32 59	15 11	22 30	22 34	4 28			n.a.
M 6	21 18	3 21	5 17	13 4	2 56	24 17	1 5	11 8	0 31	24 13	0 44	4 38	2 42	23 56	0 20	11 20	1 48	32 58	15 11	22 30	22 33	4 25			n.a.
T 7	21 29	1s12	5 12	13 16	2 50	24 26	1 7	10 54	0 29	24 13	0 44	4 38	2 42	23 56	0 20	11 20	1 48	32 58	15 10	22 30	22 33	4 23			n.a.
W 8	21 40	5 45	4 54	13 31	2 43	24 34	1 8	10 40	0 28	24 14	0 44	4 38	2 41	23 56	0 20	11 21	1 48	32 57	15 10	22 30	22 33	4 20			n.a.
T 9	21 51	10 9	4 23	13 48	2 36	24 41	1 10	10 26	0 26	24 15	0 45	4 37	2 41	23 56	0 20	11 22	1 48	32 57	15 10	22 30	22 32	4 18			n.a.
F 10	22 1	14 13	3 39	14 7	2 28	24 48	1 12	10 12	0 25	24 15	0 45	4 37	2 41	23 56	0 20	11 22	1 48	32 56	15 9	22 30	22 32	4 15			n.a.
S 11	22 11	17 45	2 43	14 28	2 20	24 53	1 13	9 58	0 23	24 16	0 45	4 36	2 41	23 56	0 20	11 23	1 48	32 56	15 9	22 30	22 31	4 13			n.a.
S 12	22 20	20 29	1 38	14 50	2 12	24 58	1 15	9 43	0 22	24 17	0 45	4 36	2 40	23 56	0 20	11 24	1 48	32 55	15 9	22 30	22 31	4 10			n.a.
M13	22 29	22 11	0 26	15 13	2 3	25 2	1 16	9 29	0 21	24 17	0 45	4 35	2 40	23 55	0 20	11 24	1 48	32 55	15 9	22 30	22 30	4 7			n.a.
T 14	22 37	22 38	0n49	15 37	1 54	25 6	1 18	9 15	0 19	24 18	0 46	4 35	2 40	23 55	0 20	11 25	1 48	32 54	15 8	22 30	22 30	4 5			n.a.
W15	22 45	21 43	2 3	16 2	1 45	25 8	1 19	9 0	0 18	24 18	0 46	4 34	2 39	23 55	0 20	11 25	1 48	32 54	15 8	22 30	22 29	4 2			n.a.
T 16	22 53	19 27	3 10	16 28	1 37	25 10	1 20	8 46	0 17	24 19	0 46	4 34	2 39	23 55	0 20	11 26	1 48	32 53	15 8	22 30	22 29	4 0			n.a.
F 17	23 0	16 0	4 6	16 54	1 28	25 11	1 21	8 31	0 15	24 20	0 46	4 33	2 39	23 55	0 20	11 27	1 48	32 52	15 7	22 30	22 29	3 57			n.a.
S 18	23 7	11 36	4 48	17 20	1 19	25 11	1 23	8 17	0 14	24 20	0 46	4 32	2 38	23 55	0 20	11 27	1 49	32 52	15 7	22 29	22 28	3 55			n.a.
S 19	23 13	6 34	5 12	17 46	1 10	25 11	1 24	8 2	0 13	24 21	0 47	4 31	2 38	23 54	0 20	11 28	1 49	32 51	15 7	22 29	22 28	3 52			n.a.
M20	23 18	1 12	5 16	18 13	1 1	25 9	1 25	7 47	0 11	24 22	0 47	4 30	2 38	23 54	0 20	11 28	1 49	32 51	15 7	22 29	22 27	3 50			n.a.
T 21	23 24	4n13	5 2	18 39	0 52	25 7	1 26	7 33	0 10	24 22	0 47	4 30	2 37	23 54	0 20	11 29	1 49	32 50	15 6	22 29	22 27	3 47			n.a.
W22	23 28	9 22	4 29	19 5	0 44	25 4	1 27	7 18	0 9	24 23	0 47	4 29	2 37	23 54	0 20	11 30	1 49	32 50	15 6	22 29	22 26	3 44			n.a.
T 23	23 33	14 0	3 41	19 31	0 35	25 0	1 28	7 3	0 8	24 24	0 47	4 28	2 37	23 54	0 20	11 30	1 49	32 49	15 6	22 30	22 26	3 42			n.a.
F 24	23 36	17 50	2 41	19 56	0 26	24 56	1 28	6 48	0 7	24 24	0 48	4 27	2 37	23 54	0 20	11 31	1 49	32 49	15 6	22 30	22 25	3 39			n.a.
S 25	23 40	20 39	1 32	20 21	0 18	24 51	1 29	6 33	0 5	24 25	0 48	4 26	2 36	23 54	0 20	11 31	1 49	32 48	15 6	22 30	22 25	3 37			n.a.
S 26	23 43	22 17	0 20	20 46	0 10	24 45	1 30	6 18	0 4	24 25	0 48	4 25	2 36	23 53	0 20	11 32	1 49	32 48	15 5	22 30	22 24	3 34			n.a.
M27	23 45	22 38	0s53	21 10	0 2	24 38	1 31	6 3	0 3	24 26	0 48	4 23	2 36	23 53	0 20	11 32	1 49	32 47	15 5	22 30	22 24	3 32			n.a.
T 28	23 47	21 45	2 1	21 33	0s 6	24 30	1 31	5 48	0 2	24 27	0 48	4 22	2 35	23 53	0 20	11 33	1 49	32 46	15 5	22 30	22 24	3 29			n.a.
W29	23 48	19 47	3 2	21 55	0 14	24 22	1 32	5 33	0 1	24 27	0 48	4 21	2 35	23 53	0 20	11 33	1 49	32 46	15 5	22 29	22 23	3 26			n.a.
T 30	23 49	16 54	3 54	22 17	0 21	24 13	1 32	5 18	0n 0	24 28	0 49	4 20	2 35	23 53	0 20	11 34	1 49	32 45	15 4	22 29	22 23	3 24			n.a.
F 31	23s50	13n20	4s33	22s38	0s28	24s 3	1s32	5s 3	0n 1	24n28	0n49	4s18	2s34	23n53	0n20	11s34	1n49	32s45	15s 4	22s29	22s22	3n21			n.a.

Julian Day Number = 1300258.5, Delta T = 07h51m01s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'31, Lahiri = -19°52'30 Julian Calendar 1 Dec. 1154 BCE == Greg. Calendar 20 Nov. 1154 BCE

The year -1153 astronomical counting style corresponds to year 1154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

JANUARY 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 33	0♉28'23	23♌15	10♐31	19♉47	17♓59	6°R33	25♓13	21°R19	4♏40	9♒ 3	11°R 5	10♐19	9♍40	n.a.	S 1
S 2	6 0 30	1°29'07	5♍11	11°59	21° 1	18°35	6♋25	25°16	21♊17	4°41	9° 4	11♐ 2	10°16	9°47	n.a.	S 2
M 3	6 4 26	2°29'51	17° 4	13°27	22°16	19°11	6°17	25°19	21°14	4°43	9° 6	11° 0	10°13	9°53	n.a.	M 3
T 4	6 8 23	3°30'33	28°57	14°56	23°31	19°47	6° 9	25°22	21°11	4°44	9° 7	10°D59	10°10	10° 0	n.a.	T 4
W 5	6 12 19	4°31'13	10♎55	16°26	24°45	20°23	6° 1	25°25	21° 9	4°45	9° 8	11° 0	10° 7	10° 7	n.a.	W 5
T 6	6 16 16	5°31'53	23° 3	17°58	26° 0	20°59	5°54	25°28	21° 6	4°47	9°10	11° 1	10° 3	10°14	n.a.	T 6
F 7	6 20 12	6°32'31	5♏26	19°30	27°14	21°35	5°46	25°31	21° 4	4°48	9°11	11° 2	10° 0	10°20	n.a.	F 7
S 8	6 24 9	7°33'08	18° 8	21° 2	28°29	22°11	5°38	25°35	21° 1	4°49	9°12	11° 4	9°57	10°27	n.a.	S 8
S 9	6 28 6	8°33'43	1♐11	22°36	29°43	22°48	5°30	25°38	20°59	4°51	9°14	11° 5	9°54	10°34	n.a.	S 9
M10	6 32 2	9°34'17	14°39	24°11	0♒58	23°24	5°22	25°42	20°56	4°52	9°15	11°R 5	9°51	10°40	n.a.	M10
T 11	6 35 59	10°34'49	28°30	25°46	2°12	24° 0	5°14	25°46	20°54	4°53	9°16	11° 4	9°48	10°47	n.a.	T 11
W12	6 39 55	11°35'20	12♉43	27°23	3°27	24°37	5° 6	25°49	20°52	4°54	9°18	11° 2	9°44	10°54	n.a.	W12
T 13	6 43 52	12°35'48	27°12	29° 0	4°41	25°13	4°58	25°53	20°49	4°55	9°19	10°58	9°41	11° 1	n.a.	T 13
F 14	6 47 48	13°36'15	11♒52	0♉39	5°55	25°50	4°50	25°57	20°47	4°56	9°21	10°53	9°38	11° 7	n.a.	F 14
S 15	6 51 45	14°36'40	26°34	2°18	7°10	26°26	4°43	26° 1	20°45	4°58	9°22	10°48	9°35	11°14	n.a.	S 15
S 16	6 55 41	15°37'02	11♓13	3°58	8°24	27° 3	4°35	26° 6	20°42	4°59	9°23	10°43	9°32	11°21	n.a.	S 16
M17	6 59 38	16°37'23	25°41	5°39	9°38	27°39	4°27	26°10	20°40	5° 0	9°25	10°40	9°29	11°28	n.a.	M17
T 18	7 3 35	17°37'41	9♈56	7°21	10°52	28°16	4°20	26°14	20°38	5° 1	9°26	10°38	9°25	11°34	n.a.	T 18
W19	7 7 31	18°37'57	23°54	9° 4	12° 6	28°52	4°12	26°19	20°35	5° 2	9°28	10°D38	9°22	11°41	n.a.	W19
T 20	7 11 28	19°38'11	7♊36	10°48	13°20	29°29	4° 5	26°23	20°33	5° 2	9°29	10°39	9°19	11°48	n.a.	T 20
F 21	7 15 24	20°38'23	21° 2	12°33	14°34	0♈ 6	3°57	26°28	20°31	5° 3	9°31	10°41	9°16	11°54	n.a.	F 21
S 22	7 19 21	21°38'32	4♋13	14°20	15°49	0°42	3°50	26°33	20°29	5° 4	9°32	10°R42	9°13	12° 1	n.a.	S 22
S 23	7 23 17	22°38'39	17°12	16° 7	17° 3	1°19	3°43	26°37	20°27	5° 5	9°34	10°42	9° 9	12° 8	n.a.	S 23
M24	7 27 14	23°38'44	29°58	17°55	18°16	1°56	3°36	26°42	20°25	5° 6	9°35	10°40	9° 6	12°15	n.a.	M24
T 25	7 31 10	24°38'47	12♋34	19°44	19°30	2°32	3°29	26°47	20°23	5° 7	9°37	10°36	9° 3	12°21	n.a.	T 25
W26	7 35 7	25°38'48	25° 0	21°35	20°44	3° 9	3°22	26°52	20°21	5° 7	9°38	10°30	9° 0	12°28	n.a.	W26
T 27	7 39 4	26°38'47	7♌16	23°26	21°58	3°46	3°15	26°57	20°19	5° 8	9°40	10°22	8°57	12°35	n.a.	T 27
F 28	7 43 0	27°38'44	19°24	25°18	23°12	4°23	3° 8	27° 3	20°17	5° 9	9°41	10°13	8°54	12°42	n.a.	F 28
S 29	7 46 57	28°38'38	1♍25	27°12	24°26	5° 0	3° 2	27° 8	20°15	5° 9	9°43	10° 3	8°50	12°48	n.a.	S 29
S 30	7 50 53	29°38'31	13°19	29° 6	25°39	5°37	2°55	27°13	20°13	5°10	9°44	9°54	8°47	12°55	n.a.	S 30
M31	7 54 50	0♒38'22	25♍11	1♒ 1	26♒53	6♈13	2♋49	27♓19	20♊11	5♏10	9♒46	9♐47	8♐44	13♍ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	9n16	5s 0	22s58	0s35	23s52	1s33	4s47	0n 2	24n29	0n49	4s17	2s34	23n52	0n20	11s35	1n49	32s44	15s 4	22s28	22s22	3n19		n.a.
S 2	23 49	4 55	5 13	23 18	0 42	23 41	1 33	4 32	0 3	24 29	0 49	4 16	2 34	23 52	0 20	11 35	1 49	32 44	15 4	22 28	22 21	3 16		n.a.
M 3	23 48	0 24	5 13	23 36	0 49	23 29	1 33	4 17	0 4	24 30	0 49	4 14	2 34	23 52	0 20	11 35	1 49	32 43	15 4	22 28	22 21	3 14		n.a.
T 4	23 47	4s 9	5 0	23 53	0 55	23 17	1 33	4 2	0 5	24 30	0 49	4 13	2 33	23 52	0 20	11 36	1 49	32 43	15 3	22 27	22 20	3 11		n.a.
W 5	23 45	8 34	4 33	24 9	1 2	23 3	1 33	3 46	0 6	24 31	0 50	4 11	2 33	23 52	0 20	11 36	1 49	32 42	15 3	22 27	22 20	3 9		n.a.
T 6	23 43	12 43	3 54	24 24	1 8	22 49	1 33	3 31	0 7	24 31	0 50	4 10	2 33	23 52	0 20	11 37	1 49	32 41	15 3	22 28	22 19	3 6		n.a.
F 7	23 40	16 25	3 3	24 37	1 13	22 34	1 33	3 16	0 8	24 32	0 50	4 8	2 32	23 51	0 20	11 37	1 49	32 41	15 3	22 28	22 19	3 4		n.a.
S 8	23 37	19 28	2 3	24 50	1 19	22 19	1 33	3 0	0 9	24 32	0 50	4 6	2 32	23 51	0 20	11 37	1 49	32 40	15 3	22 28	22 18	3 1		n.a.
S 9	23 33	21 37	0 54	25 1	1 24	22 3	1 33	2 45	0 10	24 33	0 50	4 5	2 32	23 51	0 20	11 38	1 49	32 40	15 3	22 28	22 18	2 58		n.a.
M10	23 29	22 36	0n20	25 11	1 29	21 46	1 32	2 29	0 11	24 33	0 50	4 3	2 32	23 51	0 20	11 38	1 50	32 39	15 2	22 28	22 17	2 56		n.a.
T 11	23 24	22 15	1 34	25 19	1 33	21 29	1 32	2 14	0 12	24 34	0 50	4 1	2 31	23 51	0 20	11 39	1 50	32 39	15 2	22 28	22 17	2 53		n.a.
W12	23 19	20 29	2 44	25 26	1 38	21 11	1 32	1 58	0 13	24 34	0 50	3 59	2 31	23 51	0 20	11 39	1 50	32 38	15 2	22 28	22 16	2 51		n.a.
T 13	23 13	17 22	3 46	25 31	1 42	20 53	1 31	1 43	0 14	24 35	0 51	3 58	2 31	23 50	0 20	11 39	1 50	32 38	15 2	22 27	22 16	2 48		n.a.
F 14	23 7	13 9	4 33	25 35	1 45	20 33	1 30	1 27	0 15	24 35	0 51	3 56	2 30	23 50	0 20	11 40	1 50	32 37	15 2	22 27	22 16	2 46		n.a.
S 15	23 1	8 8	5 2	25 37	1 49	20 14	1 30	1 12	0 16	24 35	0 51	3 54	2 30	23 50	0 20	11 40	1 50	32 37	15 2	22 26	22 15	2 43		n.a.
S 16	22 54	2 41	5 11	25 38	1 52	19 53	1 29	0 56	0 17	24 36	0 51	3 52	2 30	23 50	0 20	11 40	1 50	32 36	15 2	22 25	22 15	2 41		n.a.
M17	22 47	2n51	5 1	25 37	1 54	19 33	1 28	0 41	0 18	24 36	0 51	3 50	2 30	23 50	0 20	11 40	1 50	32 35	15 2	22 25	22 14	2 38		n.a.
T 18	22 39	8 9	4 32	25 34	1 56	19 11	1 27	0 25	0 18	24 37	0 51	3 48	2 29	23 50	0 20	11 41	1 50	32 35	15 1	22 24	22 14	2 36		n.a.
W19	22 31	12 56	3 47	25 29	1 58	18 49	1 26	0 10	0 19	24 37	0 51	3 46	2 29	23 49	0 20	11 41	1 50	32 34	15 1	22 24	22 13	2 33		n.a.
T 20	22 22	16 57	2 50	25 22	2 0	18 27	1 25	0n 6	0 20	24 37	0 51	3 44	2 29	23 49	0 20	11 41	1 50	32 34	15 1	22 25	22 13	2 30		n.a.
F 21	22 13	19 59	1 45	25 14	2 1	18 4	1 24	0 21	0 21	24 38	0 51	3 42	2 29	23 49	0 20	11 42	1 50	32 33	15 1	22 25	22 12	2 28		n.a.
S 22	22 4	21 55	0 35	25 3	2 1	17 41	1 23	0 37	0 22	24 38	0 51	3 40	2 28	23 49	0 20	11 42	1 50	32 33	15 1	22 25	22 12	2 25		n.a.
S 23	21 54	22 37	0s35	24 51	2 1	17 17	1 22	0 52	0 22	24 38	0 51	3 37	2 28	23 49	0 20	11 42	1 50	32 32	15 1	22 25	22 11	2 23		n.a.
M24	21 43	22 7	1 43	24 37	2 1	16 52	1 20	1 8	0 23	24 38	0 52	3 35	2 28	23 49	0 20	11 42	1 50	32 32	15 1	22 25	22 11	2 20		n.a.
T 25	21 33	20 31	2 44	24 20	2 0	16 28	1 19	1 24	0 24	24 39	0 52	3 33	2 28	23 49	0 20	11 42	1 50	32 31	15 1	22 24	22 10	2 18		n.a.
W26	21 22	17 56	3 36	24 2	1 59	16 2	1 18	1 39	0 25	24 39	0 52	3 31	2 27	23 48	0 20	11 43	1 50	32 31	15 1	22 23	22 10	2 15		n.a.
T 27	21 10	14 36	4 18	23 41	1 57	15 37	1 16	1 55	0 25	24 39	0 52	3 28	2 27	23 48	0 20	11 43	1 50	32 30	15 1	22 22	22 9	2 13		n.a.
F 28	20 58	10 42	4 47	23 18	1 55	15 11	1 15	2 10	0 26	24 39	0 52	3 26	2 27	23 48	0 20	11 43	1 50	32 30	15 1	22 21	22 9	2 10		n.a.
S 29	20 46	6 26	5 3	22 53	1 52	14 44	1 13	2 26	0 27	24 40	0 52	3 24	2 27	23 48	0 20	11 43	1 51	32 29	15 1	22 19	22 8	2 8		n.a.
S 30	20 34	1 57	5 6	22 27	1 49	14 18	1 11	2 41	0 28	24 40	0 52	3 21	2 26	23 48	0 20	11 43	1 51	32 29	15 1	22 18	22 8	2 5		n.a.
M31	20s21	2s34	4s56	21s57	1s45	13s50	1s10	2n57	0n28	24n40	0n52	3s19	2s26	23n48	0n20	11s43	1n51	32s28	15s 1	22s17	22s 7	2n 3		n.a.

Julian Day Number = 1300289.5, Delta T = 07h51m00s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'26, Lahiri = -19°52'26 Julian Calendar 1 Jan. 1153 BCE == Greg. Calendar 21 Dec. 1154 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

FEBRUARY 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 46	1♒38'11	7♎ 3	2♒58	28♒ 6	6♈50	2°R43	27♓24	20°R 9	5♏11	9♒47	9°R41	8♐41	13♍ 8	n.a.	T 1
W 2	8 2 43	2°37'58	19° 0	4°55	29°20	7°27	2♋37	27°30	20♊ 8	5°11	9°49	9♐38	8°38	13°15	n.a.	W 2
T 3	8 6 39	3°37'43	1♏ 5	6°52	0♓34	8° 4	2°31	27°35	20° 6	5°12	9°50	9°D37	8°35	13°22	n.a.	T 3
F 4	8 10 36	4°37'26	13°24	8°51	1°47	8°41	2°25	27°41	20° 4	5°12	9°52	9°37	8°31	13°29	n.a.	F 4
S 5	8 14 33	5°37'08	26° 1	10°49	3° 0	9°18	2°19	27°47	20° 3	5°13	9°54	9°38	8°28	13°35	n.a.	S 5
S 6	8 18 29	6°36'48	9♐ 2	12°49	4°14	9°55	2°14	27°53	20° 1	5°13	9°55	9°R39	8°25	13°42	n.a.	S 6
M 7	8 22 26	7°36'25	22°30	14°48	5°27	10°32	2° 8	27°59	20° 0	5°13	9°57	9°38	8°22	13°49	n.a.	M 7
T 8	8 26 22	8°36'01	6♑26	16°47	6°40	11° 9	2° 3	28° 5	19°58	5°14	9°58	9°35	8°19	13°55	n.a.	T 8
W 9	8 30 19	9°35'35	20°49	18°45	7°54	11°46	1°58	28°11	19°57	5°14	10° 0	9°30	8°15	14° 2	n.a.	W 9
T 10	8 34 15	10°35'07	5♒36	20°43	9° 7	12°23	1°53	28°17	19°55	5°14	10° 1	9°22	8°12	14° 9	n.a.	T 10
F 11	8 38 12	11°34'37	20°38	22°40	10°20	13° 0	1°49	28°23	19°54	5°14	10° 3	9°13	8° 9	14°16	n.a.	F 11
S 12	8 42 8	12°34'04	5♓45	24°35	11°33	13°37	1°44	28°29	19°53	5°15	10° 4	9° 3	8° 6	14°22	n.a.	S 12
S 13	8 46 5	13°33'29	20°49	26°29	12°46	14°14	1°40	28°36	19°51	5°15	10° 6	8°54	8° 3	14°29	n.a.	S 13
M14	8 50 1	14°32'51	5♈38	28°20	13°59	14°51	1°35	28°42	19°50	5°15	10° 8	8°47	8° 0	14°36	n.a.	M14
T 15	8 53 58	15°32'11	20° 8	0♓ 9	15°12	15°28	1°31	28°49	19°49	5°15	10° 9	8°42	7°56	14°43	n.a.	T 15
W16	8 57 55	16°31'29	4♉14	1°54	16°25	16° 5	1°27	28°55	19°48	5°R15	10°11	8°40	7°53	14°49	n.a.	W16
T 17	9 1 51	17°30'44	17°55	3°36	17°38	16°43	1°24	29° 2	19°47	5°15	10°12	8°D39	7°50	14°56	n.a.	T 17
F 18	9 5 48	18°29'57	1♊15	5°14	18°50	17°20	1°20	29° 8	19°46	5°15	10°14	8°39	7°47	15° 3	n.a.	F 18
S 19	9 9 44	19°29'07	14°15	6°48	20° 3	17°57	1°17	29°15	19°45	5°15	10°15	8°R39	7°44	15° 9	n.a.	S 19
S 20	9 13 41	20°28'15	26°59	8°17	21°16	18°34	1°14	29°22	19°44	5°15	10°17	8°38	7°41	15°16	n.a.	S 20
M21	9 17 37	21°27'21	9♋29	9°41	22°28	19°11	1°11	29°28	19°43	5°15	10°18	8°34	7°37	15°23	n.a.	M21
T 22	9 21 34	22°26'24	21°49	10°59	23°41	19°48	1° 8	29°35	19°42	5°14	10°20	8°28	7°34	15°30	n.a.	T 22
W23	9 25 30	23°25'24	4♌ 1	12°12	24°53	20°25	1° 5	29°42	19°42	5°14	10°21	8°18	7°31	15°36	n.a.	W23
T 24	9 29 27	24°24'23	16° 6	13°19	26° 5	21° 3	1° 3	29°49	19°41	5°14	10°23	8° 6	7°28	15°43	n.a.	T 24
F 25	9 33 24	25°23'19	28° 6	14°20	27°18	21°40	1° 0	29°56	19°40	5°14	10°24	7°53	7°25	15°50	n.a.	F 25
S 26	9 37 20	26°22'13	10♍ 2	15°14	28°30	22°17	0°58	0♈ 3	19°40	5°13	10°26	7°39	7°21	15°57	n.a.	S 26
S 27	9 41 17	27°21'05	21°54	16° 2	29°42	22°54	0°56	0°10	19°39	5°13	10°27	7°25	7°18	16° 3	n.a.	S 27
M28	9 45 13	28°19'55	3♎46	16°43	0♈54	23°31	0°55	0°17	19°39	5°13	10°29	7°14	7°15	16°10	n.a.	M28
T 29	9 49 10	29♒18'42	15♎39	17♓17	2♈ 6	24♈ 8	0♋53	0♈24	19♊38	5♏12	10♒30	7♐ 5	7♐12	16♍17	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 7	7s 0	4s33	21s26	1s40	13s23	1s 8	3n12	0n29	24n40	0n52	3s16	2s26	23n48	0n20	11s44	1n51	32s28	15s 0	22s16	22s 7	2n 0		n.a.
W 2	19 54	11 13	3 58	20 53	1 35	12 55	1 6	3 28	0 30	24 40	0 52	3 14	2 26	23 47	0 20	11 44	1 51	32 27	15 0	22 16	22 6	1 58		n.a.
T 3	19 40	15 1	3 12	20 17	1 29	12 27	1 4	3 43	0 30	24 40	0 52	3 12	2 26	23 47	0 20	11 44	1 51	32 27	15 0	22 15	22 6	1 55		n.a.
F 4	19 25	18 16	2 16	19 40	1 22	11 58	1 2	3 58	0 31	24 41	0 52	3 9	2 25	23 47	0 20	11 44	1 51	32 26	15 0	22 15	22 5	1 53		n.a.
S 5	19 10	20 45	1 12	19 1	1 15	11 30	1 0	4 14	0 32	24 41	0 52	3 6	2 25	23 47	0 20	11 44	1 51	32 26	15 0	22 16	22 5	1 50		n.a.
S 6	18 55	22 13	0 3	18 19	1 8	11 1	0 58	4 29	0 32	24 41	0 52	3 4	2 25	23 47	0 20	11 44	1 51	32 25	15 0	22 16	22 4	1 47		n.a.
M 7	18 40	22 29	1n 8	17 36	0 59	10 31	0 55	4 45	0 33	24 41	0 52	3 1	2 25	23 47	0 20	11 44	1 51	32 25	15 0	22 16	22 4	1 45		n.a.
T 8	18 24	21 22	2 18	16 52	0 50	10 2	0 53	5 0	0 34	24 41	0 52	2 59	2 24	23 47	0 20	11 44	1 51	32 24	15 0	22 15	22 3	1 42		n.a.
W 9	18 8	18 52	3 21	16 6	0 41	9 32	0 51	5 15	0 34	24 41	0 52	2 56	2 24	23 47	0 20	11 44	1 51	32 24	15 0	22 14	22 3	1 40		n.a.
T 10	17 52	15 6	4 13	15 18	0 31	9 2	0 49	5 30	0 35	24 41	0 52	2 53	2 24	23 46	0 20	11 44	1 51	32 24	15 0	22 13	22 2	1 37		n.a.
F 11	17 36	10 18	4 48	14 30	0 20	8 32	0 46	5 46	0 36	24 41	0 52	2 51	2 24	23 46	0 20	11 44	1 51	32 23	15 0	22 12	22 2	1 35		n.a.
S 12	17 19	4 52	5 3	13 41	0 9	8 1	0 44	6 1	0 36	24 41	0 52	2 48	2 24	23 46	0 20	11 44	1 51	32 23	15 0	22 10	22 1	1 32		n.a.
S 13	17 2	0n50	4 57	12 51	0n 3	7 30	0 41	6 16	0 37	24 41	0 52	2 45	2 23	23 46	0 20	11 44	1 51	32 22	15 1	22 9	22 0	1 30		n.a.
M14	16 44	6 24	4 31	12 1	0 15	7 0	0 39	6 31	0 37	24 41	0 52	2 43	2 23	23 46	0 20	11 44	1 51	32 22	15 1	22 8	22 0	1 27		n.a.
T 15	16 26	11 30	3 48	11 11	0 27	6 29	0 36	6 46	0 38	24 42	0 52	2 40	2 23	23 46	0 20	11 44	1 52	32 21	15 1	22 7	21 59	1 25		n.a.
W16	16 8	15 50	2 52	10 21	0 40	5 57	0 33	7 1	0 39	24 42	0 52	2 37	2 23	23 46	0 20	11 44	1 52	32 21	15 1	22 6	21 59	1 22		n.a.
T 17	15 50	19 11	1 48	9 32	0 53	5 26	0 31	7 16	0 39	24 42	0 52	2 34	2 23	23 46	0 20	11 44	1 52	32 21	15 1	22 6	21 58	1 20		n.a.
F 18	15 32	21 23	0 39	8 44	1 5	4 55	0 28	7 31	0 40	24 42	0 52	2 31	2 23	23 46	0 20	11 44	1 52	32 20	15 1	22 6	21 58	1 17		n.a.
S 19	15 13	22 24	0s30	7 57	1 18	4 23	0 25	7 46	0 40	24 42	0 52	2 29	2 22	23 46	0 20	11 44	1 52	32 20	15 1	22 6	21 57	1 15		n.a.
S 20	14 54	22 12	1 36	7 12	1 31	3 52	0 22	8 1	0 41	24 42	0 52	2 26	2 22	23 45	0 20	11 44	1 52	32 19	15 1	22 6	21 57	1 12		n.a.
M21	14 35	20 54	2 36	6 28	1 44	3 20	0 19	8 16	0 41	24 42	0 52	2 23	2 22	23 45	0 20	11 44	1 52	32 19	15 1	22 6	21 56	1 10		n.a.
T 22	14 16	18 37	3 27	5 47	1 56	2 48	0 16	8 31	0 42	24 42	0 52	2 20	2 22	23 45	0 20	11 44	1 52	32 19	15 1	22 4	21 56	1 7		n.a.
W23	13 56	15 32	4 9	5 8	2 8	2 16	0 14	8 46	0 42	24 42	0 52	2 17	2 22	23 45	0 20	11 43	1 52	32 18	15 1	22 3	21 55	1 5		n.a.
T 24	13 36	11 50	4 39	4 31	2 19	1 44	0 11	9 0	0 43	24 42	0 52	2 14	2 22	23 45	0 20	11 43	1 52	32 18	15 1	22 1	21 55	1 2		n.a.
F 25	13 16	7 43	4 56	3 58	2 30	1 13	0 8	9 15	0 44	24 42	0 52	2 11	2 21	23 45	0 20	11 43	1 52	32 18	15 1	21 59	21 54	1 0		n.a.
S 26	12 56	3 19	5 0	3 27	2 40	0 41	0 4	9 29	0 44	24 42	0 52	2 8	2 21	23 45	0 20	11 43	1 52	32 17	15 2	21 57	21 54	0 57		n.a.
S 27	12 35	1s11	4 51	3 0	2 50	0 9	0 1	9 44	0 45	24 42	0 52	2 5	2 21	23 45	0 20	11 43	1 52	32 17	15 2	21 54	21 53	0 55		n.a.
M28	12 15	5 37	4 29	2 36	2 58	0n23	0n 2	9 58	0 45	24 42	0 52	2 2	2 21	23 45	0 20	11 43	1 52	32 17	15 2	21 52	21 53	0 52		n.a.
T 29	11s54	9s52	3s56	2s15	3n 6	0n55	0n 5	10n13	0n45	24n42	0n52	1s59	2s21	23n45	0n20	11s43	1n52	32s16	15s 2	21s51	21s52	0n50		n.a.

Julian Day Number = 1300320.5, Delta T = 07h50m58s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'22, Lahiri = -19°52'22 Julian Calendar 1 Feb. 1153 BCE == Greg. Calendar 21 Jan. 1153 BCE

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

MARCH 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 53 6	0♓17'28	27♎36	17♓45	3♈18	24♈46	0°R52	0♈31	19°R38	5°R12	10♒32	6°R58	7♐ 9	16♍23	n.a.	W 1
T 2	9 57 3	1°16'12	9♏40	18° 6	4°30	25°23	0♋51	0°38	19♊37	5♏11	10°33	6♐55	7° 6	16°30	n.a.	T 2
F 3	10 0 59	2°14'55	21°57	18°20	5°41	26° 0	0°50	0°46	19°37	5°11	10°35	6°53	7° 2	16°37	n.a.	F 3
S 4	10 4 56	3°13'35	4♐31	18°28	6°53	26°37	0°49	0°53	19°37	5°10	10°36	6°53	6°59	16°44	n.a.	S 4
S 5	10 8 52	4°12'14	17°27	18°R29	8° 5	27°14	0°48	1° 0	19°37	5°10	10°38	6°53	6°56	16°50	n.a.	S 5
M 6	10 12 49	5°10'51	0♑48	18°23	9°16	27°52	0°48	1° 8	19°37	5° 9	10°39	6°52	6°53	16°57	n.a.	M 6
T 7	10 16 46	6° 9'26	14°39	18°12	10°28	28°29	0°48	1°15	19°37	5° 9	10°41	6°48	6°50	17° 4	n.a.	T 7
W 8	10 20 42	7° 7'59	29° 0	17°55	11°39	29° 6	0°D48	1°22	19°D36	5° 8	10°42	6°42	6°46	17°10	n.a.	W 8
T 9	10 24 39	8° 6'30	13♒47	17°33	12°50	29°43	0°48	1°30	19°37	5° 7	10°43	6°34	6°43	17°17	n.a.	T 9
F 10	10 28 35	9° 5'00	28°55	17° 6	14° 2	0♉21	0°48	1°37	19°37	5° 7	10°45	6°23	6°40	17°24	n.a.	F 10
S 11	10 32 32	10° 3'27	14♓13	16°35	15°13	0°58	0°49	1°45	19°37	5° 6	10°46	6°12	6°37	17°31	n.a.	S 11
S 12	10 36 28	11° 1'52	29°31	16° 1	16°24	1°35	0°49	1°52	19°37	5° 5	10°48	6° 1	6°34	17°37	n.a.	S 12
M13	10 40 25	12° 0'16	14♈36	15°23	17°35	2°12	0°50	2° 0	19°37	5° 4	10°49	5°53	6°31	17°44	n.a.	M13
T 14	10 44 21	12°58'37	29°21	14°43	18°46	2°50	0°51	2° 8	19°38	5° 4	10°50	5°47	6°27	17°51	n.a.	T 14
W15	10 48 18	13°56'56	13♉40	14° 2	19°56	3°27	0°53	2°15	19°38	5° 3	10°52	5°43	6°24	17°58	n.a.	W15
T 16	10 52 14	14°55'13	27°30	13°21	21° 7	4° 4	0°54	2°23	19°38	5° 2	10°53	5°42	6°21	18° 4	n.a.	T 16
F 17	10 56 11	15°53'27	10♊53	12°39	22°18	4°42	0°56	2°30	19°39	5° 1	10°54	5°42	6°18	18°11	n.a.	F 17
S 18	11 0 8	16°51'40	23°53	11°59	23°28	5°19	0°58	2°38	19°39	5° 0	10°56	5°41	6°15	18°18	n.a.	S 18
S 19	11 4 4	17°49'50	6♋32	11°20	24°39	5°56	1° 0	2°46	19°40	4°59	10°57	5°40	6°12	18°24	n.a.	S 19
M20	11 8 1	18°47'58	18°55	10°43	25°49	6°33	1° 2	2°54	19°41	4°58	10°58	5°37	6° 8	18°31	n.a.	M20
T 21	11 11 57	19°46'04	1♌ 7	10° 9	26°59	7°11	1° 4	3° 1	19°41	4°57	11° 0	5°31	6° 5	18°38	n.a.	T 21
W22	11 15 54	20°44'08	13°10	9°38	28° 9	7°48	1° 7	3° 9	19°42	4°56	11° 1	5°22	6° 2	18°45	n.a.	W22
T 23	11 19 50	21°42'10	25° 7	9°11	29°19	8°25	1°10	3°17	19°43	4°55	11° 2	5°11	5°59	18°51	n.a.	T 23
F 24	11 23 47	22°40'10	7♍ 2	8°48	0♉29	9° 3	1°12	3°25	19°44	4°54	11° 3	4°58	5°56	18°58	n.a.	F 24
S 25	11 27 43	23°38'08	18°54	8°29	1°39	9°40	1°15	3°32	19°44	4°53	11° 4	4°45	5°52	19° 5	n.a.	S 25
S 26	11 31 40	24°36'04	0♎47	8°15	2°49	10°17	1°19	3°40	19°45	4°52	11° 6	4°33	5°49	19°11	n.a.	S 26
M27	11 35 36	25°33'59	12°41	8° 6	3°58	10°54	1°22	3°48	19°46	4°51	11° 7	4°22	5°46	19°18	n.a.	M27
T 28	11 39 33	26°31'52	24°37	8°D 1	5° 8	11°32	1°26	3°56	19°47	4°50	11° 8	4°13	5°43	19°25	n.a.	T 28
W29	11 43 30	27°29'44	6♏39	8° 1	6°17	12° 9	1°29	4° 4	19°49	4°48	11° 9	4° 7	5°40	19°32	n.a.	W29
T 30	11 47 26	28°27'34	18°49	8° 6	7°27	12°46	1°33	4°12	19°50	4°47	11°10	4° 4	5°37	19°38	n.a.	T 30
F 31	11 51 23	29♓25'22	1♐10	8♓16	8♉36	13♉24	1♋37	4♈19	19♊51	4♏46	11♒11	4°D 3	5♐33	19♍45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s33	13s46	3s12	1s58	3n13	1n27	0n 8	10n27	0n46	24n42	0n52	1s56	2s21	23n45	0n20	11s42	1n52	32s16	15s 2	21s50	21s52	0n47			n.a.
T 2	11 12	17 8	2 19	1 45	3 18	1 59	0 11	10 42	0 46	24 42	0 52	1 53	2 21	23 45	0 20	11 42	1 52	32 16	15 2	21 49	21 51	0 45			n.a.
F 3	10 51	19 49	1 18	1 35	3 23	2 31	0 14	10 56	0 47	24 42	0 52	1 50	2 20	23 45	0 20	11 42	1 52	32 15	15 2	21 49	21 50	0 42			n.a.
S 4	10 29	21 36	0 13	1 29	3 26	3 3	0 18	11 10	0 47	24 42	0 52	1 47	2 20	23 45	0 20	11 42	1 52	32 15	15 2	21 49	21 50	0 40			n.a.
S 5	10 8	22 18	0n56	1 27	3 27	3 34	0 21	11 24	0 48	24 42	0 52	1 44	2 20	23 45	0 20	11 41	1 53	32 15	15 3	21 49	21 49	0 37			n.a.
M 6	9 46	21 47	2 3	1 29	3 28	4 6	0 24	11 38	0 48	24 42	0 52	1 41	2 20	23 45	0 20	11 41	1 53	32 14	15 3	21 49	21 49	0 35			n.a.
T 7	9 24	19 56	3 5	1 35	3 27	4 38	0 27	11 52	0 49	24 41	0 52	1 38	2 20	23 45	0 20	11 41	1 53	32 14	15 3	21 48	21 48	0 32			n.a.
W 8	9 2	16 49	3 58	1 44	3 24	5 9	0 31	12 6	0 49	24 41	0 52	1 35	2 20	23 45	0 20	11 41	1 53	32 14	15 3	21 47	21 48	0 30			n.a.
T 9	8 40	12 32	4 37	1 56	3 20	5 40	0 34	12 20	0 50	24 41	0 52	1 32	2 20	23 45	0 20	11 40	1 53	32 14	15 3	21 46	21 47	0 27			n.a.
F 10	8 18	7 24	4 58	2 12	3 14	6 11	0 37	12 33	0 50	24 41	0 52	1 28	2 20	23 45	0 20	11 40	1 53	32 13	15 3	21 44	21 47	0 25			n.a.
S 11	7 55	1 45	4 57	2 31	3 7	6 42	0 41	12 47	0 50	24 41	0 52	1 25	2 20	23 45	0 20	11 40	1 53	32 13	15 4	21 42	21 46	0 22			n.a.
S 12	7 33	4n 0	4 36	2 52	2 58	7 13	0 44	13 1	0 51	24 41	0 52	1 22	2 19	23 45	0 20	11 40	1 53	32 13	15 4	21 40	21 46	0 20			n.a.
M13	7 10	9 27	3 55	3 16	2 48	7 44	0 47	13 14	0 51	24 41	0 52	1 19	2 19	23 45	0 20	11 39	1 53	32 13	15 4	21 38	21 45	0 17			n.a.
T 14	6 48	14 13	2 59	3 42	2 37	8 14	0 50	13 28	0 52	24 41	0 51	1 16	2 19	23 45	0 20	11 39	1 53	32 12	15 4	21 37	21 44	0 15			n.a.
W15	6 25	18 0	1 54	4 10	2 24	8 45	0 54	13 41	0 52	24 41	0 51	1 13	2 19	23 45	0 20	11 39	1 53	32 12	15 4	21 37	21 44	0 12			n.a.
T 16	6 2	20 37	0 43	4 39	2 11	9 15	0 57	13 54	0 52	24 41	0 51	1 10	2 19	23 45	0 20	11 38	1 53	32 12	15 5	21 36	21 43	0 10			n.a.
F 17	5 39	21 59	0s27	5 8	1 56	9 45	1 0	14 7	0 53	24 41	0 51	1 6	2 19	23 45	0 20	11 38	1 53	32 12	15 5	21 36	21 43	0 7			n.a.
S 18	5 16	22 7	1 35	5 38	1 41	10 15	1 4	14 20	0 53	24 41	0 51	1 3	2 19	23 45	0 20	11 38	1 53	32 12	15 5	21 36	21 42	0 5			n.a.
S 19	4 53	21 5	2 35	6 7	1 25	10 44	1 7	14 33	0 54	24 41	0 51	1 0	2 19	23 45	0 20	11 37	1 53	32 11	15 5	21 36	21 42	0 2			n.a.
M20	4 30	19 3	3 27	6 36	1 9	11 13	1 10	14 46	0 54	24 41	0 51	0 57	2 19	23 45	0 20	11 37	1 53	32 11	15 5	21 36	21 41	0s 0			n.a.
T 21	4 7	16 11	4 9	7 5	0 53	11 42	1 13	14 59	0 54	24 41	0 51	0 54	2 19	23 45	0 20	11 36	1 53	32 11	15 6	21 34	21 41	0 3			n.a.
W22	3 44	12 41	4 39	7 32	0 36	12 11	1 16	15 12	0 55	24 41	0 51	0 50	2 19	23 45	0 20	11 36	1 53	32 11	15 6	21 33	21 40	0 5			n.a.
T 23	3 21	8 43	4 56	7 57	0 20	12 39	1 20	15 25	0 55	24 41	0 51	0 47	2 19	23 45	0 20	11 36	1 53	32 11	15 6	21 31	21 39	0 8			n.a.
F 24	2 57	4 26	5 1	8 21	0 3	13 7	1 23	15 37	0 55	24 41	0 51	0 44	2 18	23 45	0 20	11 35	1 53	32 11	15 6	21 29	21 39	0 10			n.a.
S 25	2 34	0s 0	4 52	8 43	0s12	13 35	1 26	15 49	0 56	24 40	0 51	0 41	2 18	23 45	0 20	11 35	1 53	32 11	15 7	21 26	21 38	0 12			n.a.
S 26	2 11	4 26	4 31	9 2	0 28	14 2	1 29	16 2	0 56	24 40	0 51	0 38	2 18	23 45	0 20	11 34	1 53	32 10	15 7	21 24	21 38	0 15			n.a.
M27	1 47	8 43	3 57	9 20	0 43	14 29	1 32	16 14	0 56	24 40	0 51	0 34	2 18	23 45	0 20	11 34	1 54	32 10	15 7	21 22	21 37	0 17			n.a.
T 28	1 24	12 41	3 13	9 35	0 57	14 56	1 35	16 26	0 57	24 40	0 51	0 31	2 18	23 45	0 20	11 34	1 54	32 10	15 7	21 20	21 37	0 20			n.a.
W29	1 1	16 10	2 20	9 47	1 11	15 23	1 38	16 38	0 57	24 40	0 51	0 28	2 18	23 46	0 20	11 33	1 54	32 10	15 8	21 19	21 36	0 22			n.a.
T 30	0 37	18 59	1 20	9 57	1 23	15 49	1 41	16 50	0 57	24 40	0 51	0 25	2 18	23 46	0 20	11 33	1 54	32 10	15 8	21 18	21 35	0 25			n.a.
F 31	0s14	20s59	0s15	10s 5	1s36	16n14	1n44	17n 2	0n58	24n40	0n51	0s22	2s18	23n46	0n20	11s32	1n54	32s10	15s 8	21s18	21s35	0s27			n.a.

Julian Day Number = 1300349.5, Delta T = 07h50m56s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'18, Lahiri = -19°52'18 Julian Calendar 1 March 1153 BCE == Greg. Calendar 19 Feb. 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

APRIL 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 19	0♈23'09	13♐45	8♓30	9♉45	14♉ 1	1♋42	4♈27	19♊52	4°R45	11♒12	4♐ 3	5♐30	19♍52	n.a.	S 1
S 2	11 59 16	1°20'56	26°39	8°48	10°54	14°38	1°46	4°35	19°53	4♏43	11°14	4°R 4	5°27	19°58	n.a.	S 2
M 3	12 3 12	2°18'40	9♑57	9°12	12° 2	15°15	1°51	4°43	19°55	4°42	11°15	4° 3	5°24	20° 5	n.a.	M 3
T 4	12 7 9	3°16'24	23°40	9°39	13°11	15°53	1°55	4°51	19°56	4°41	11°16	4° 2	5°21	20°12	n.a.	T 4
W 5	12 11 5	4°14'06	7♒51	10°11	14°19	16°30	2° 0	4°59	19°58	4°40	11°17	3°58	5°17	20°19	n.a.	W 5
T 6	12 15 2	5°11'47	22°27	10°46	15°28	17° 7	2° 5	5° 7	19°59	4°38	11°18	3°52	5°14	20°25	n.a.	T 6
F 7	12 18 59	6° 9'27	7♓25	11°26	16°36	17°45	2°10	5°15	20° 1	4°37	11°19	3°44	5°11	20°32	n.a.	F 7
S 8	12 22 55	7° 7'05	22°36	12° 9	17°44	18°22	2°16	5°23	20° 2	4°35	11°20	3°36	5° 8	20°39	n.a.	S 8
S 9	12 26 52	8° 4'42	7♈51	12°56	18°52	18°59	2°21	5°30	20° 4	4°34	11°21	3°27	5° 5	20°46	n.a.	S 9
M10	12 30 48	9° 2'18	22°59	13°46	20° 0	19°37	2°27	5°38	20° 6	4°33	11°22	3°21	5° 2	20°52	n.a.	M10
T 11	12 34 45	9°59'52	7♉49	14°40	21° 8	20°14	2°33	5°46	20° 7	4°31	11°23	3°16	4°58	20°59	n.a.	T 11
W12	12 38 41	10°57'25	22°16	15°37	22°15	20°51	2°39	5°54	20° 9	4°30	11°23	3°14	4°55	21° 6	n.a.	W12
T 13	12 42 38	11°54'56	6♊14	16°37	23°23	21°29	2°45	6° 2	20°11	4°28	11°24	3°D13	4°52	21°12	n.a.	T 13
F 14	12 46 34	12°52'26	19°45	17°41	24°30	22° 6	2°51	6°10	20°13	4°27	11°25	3°14	4°49	21°19	n.a.	F 14
S 15	12 50 31	13°49'55	2♋50	18°47	25°37	22°43	2°57	6°18	20°15	4°25	11°26	3°15	4°46	21°26	n.a.	S 15
S 16	12 54 28	14°47'22	15°32	19°56	26°44	23°21	3° 4	6°25	20°17	4°24	11°27	3°R16	4°43	21°33	n.a.	S 16
M17	12 58 24	15°44'47	27°55	21° 8	27°51	23°58	3°10	6°33	20°19	4°22	11°28	3°15	4°39	21°39	n.a.	M17
T 18	13 2 21	16°42'11	10♌ 5	22°23	28°58	24°36	3°17	6°41	20°21	4°21	11°28	3°12	4°36	21°46	n.a.	T 18
W19	13 6 17	17°39'34	22° 5	23°41	0♊ 4	25°13	3°24	6°49	20°23	4°19	11°29	3° 7	4°33	21°53	n.a.	W19
T 20	13 10 14	18°36'55	4♍ 0	25° 1	1°10	25°50	3°31	6°57	20°25	4°18	11°30	3° 1	4°30	21°59	n.a.	T 20
F 21	13 14 10	19°34'15	15°52	26°24	2°16	26°28	3°38	7° 4	20°27	4°16	11°31	2°54	4°27	22° 6	n.a.	F 21
S 22	13 18 7	20°31'34	27°44	27°50	3°22	27° 5	3°46	7°12	20°29	4°15	11°31	2°46	4°23	22°13	n.a.	S 22
S 23	13 22 3	21°28'51	9♎39	29°18	4°28	27°42	3°53	7°20	20°32	4°13	11°32	2°38	4°20	22°20	n.a.	S 23
M24	13 26 0	22°26'08	21°37	0♈49	5°33	28°20	4° 1	7°28	20°34	4°12	11°33	2°32	4°17	22°26	n.a.	M24
T 25	13 29 57	23°23'24	3♏42	2°22	6°39	28°57	4° 8	7°35	20°36	4°10	11°33	2°27	4°14	22°33	n.a.	T 25
W26	13 33 53	24°20'39	15°54	3°58	7°44	29°34	4°16	7°43	20°39	4° 8	11°34	2°24	4°11	22°40	n.a.	W26
T 27	13 37 50	25°17'53	28°15	5°37	8°49	0♊12	4°24	7°51	20°41	4° 7	11°35	2°D22	4° 8	22°46	n.a.	T 27
F 28	13 41 46	26°15'06	10♐47	7°18	9°53	0°49	4°32	7°58	20°44	4° 5	11°35	2°23	4° 4	22°53	n.a.	F 28
S 29	13 45 43	27°12'19	23°33	9° 1	10°58	1°27	4°40	8° 6	20°46	4° 4	11°36	2°24	4° 1	23° 0	n.a.	S 29
S 30	13 49 39	28♈ 9'32	6♑35	10♈47	12♊ 2	2♊ 4	4♋49	8♈14	20♊49	4♏ 2	11♒36	2♐25	3♐58	23♍ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 9	21s58	0n52	10s10	1s47	16n40	1n47	17n14	0n58	24n40	0n51	0s18	2s18	23n46	0n20	11s32	1n54	32s10	15s 9	21s18	21s34	0s30		n.a.
S 2	0 33	21 50	1 58	10 12	1 57	17 4	1 50	17 25	0 58	24 40	0 51	0 15	2 18	23 46	0 20	11 31	1 54	32 10	15 9	21 18	21 34	0 32		n.a.
M 3	0 56	20 28	2 59	10 13	2 7	17 29	1 53	17 37	0 59	24 40	0 51	0 12	2 18	23 46	0 20	11 31	1 54	32 10	15 9	21 18	21 33	0 35		n.a.
T 4	1 19	17 54	3 53	10 10	2 16	17 53	1 55	17 48	0 59	24 39	0 50	0 9	2 18	23 46	0 20	11 30	1 54	32 10	15 9	21 18	21 33	0 37		n.a.
W 5	1 43	14 12	4 34	10 6	2 24	18 16	1 58	17 59	0 59	24 39	0 50	0 6	2 18	23 46	0 20	11 30	1 54	32 10	15 10	21 17	21 32	0 40		n.a.
T 6	2 6	9 33	4 59	9 58	2 31	18 40	2 1	18 10	1 0	24 39	0 50	0 2	2 18	23 46	0 20	11 30	1 54	32 10	15 10	21 16	21 31	0 42		n.a.
F 7	2 29	4 14	5 4	9 49	2 38	19 2	2 3	18 21	1 0	24 39	0 50	0n 1	2 18	23 46	0 20	11 29	1 54	32 10	15 10	21 15	21 31	0 44		n.a.
S 8	2 52	1n25	4 48	9 37	2 43	19 25	2 6	18 32	1 0	24 39	0 50	0 4	2 18	23 47	0 20	11 29	1 54	32 10	15 11	21 13	21 30	0 47		n.a.
S 9	3 15	7 1	4 12	9 24	2 48	19 46	2 8	18 43	1 0	24 39	0 50	0 7	2 18	23 47	0 20	11 28	1 54	32 10	15 11	21 11	21 30	0 49		n.a.
M10	3 38	12 8	3 18	9 8	2 52	20 8	2 11	18 54	1 1	24 39	0 50	0 10	2 18	23 47	0 20	11 28	1 54	32 10	15 11	21 10	21 29	0 52		n.a.
T 11	4 1	16 25	2 12	8 50	2 56	20 28	2 13	19 4	1 1	24 39	0 50	0 13	2 18	23 47	0 20	11 27	1 54	32 10	15 12	21 9	21 29	0 54		n.a.
W12	4 24	19 35	0 59	8 29	2 58	20 49	2 15	19 15	1 1	24 38	0 50	0 17	2 18	23 47	0 20	11 27	1 54	32 10	15 12	21 9	21 28	0 57		n.a.
T 13	4 47	21 26	0s16	8 7	3 0	21 8	2 18	19 25	1 1	24 38	0 50	0 20	2 18	23 47	0 20	11 26	1 54	32 10	15 12	21 9	21 27	0 59		n.a.
F 14	5 10	21 58	1 28	7 43	3 1	21 28	2 20	19 35	1 2	24 38	0 50	0 23	2 18	23 47	0 20	11 26	1 54	32 10	15 12	21 9	21 27	1 2		n.a.
S 15	5 33	21 16	2 33	7 17	3 1	21 46	2 22	19 45	1 2	24 38	0 50	0 26	2 18	23 47	0 20	11 25	1 54	32 10	15 13	21 9	21 26	1 4		n.a.
S 16	5 55	19 28	3 28	6 49	3 1	22 4	2 24	19 55	1 2	24 38	0 50	0 29	2 18	23 48	0 20	11 24	1 54	32 10	15 13	21 9	21 26	1 6		n.a.
M17	6 18	16 48	4 12	6 19	3 0	22 22	2 26	20 5	1 2	24 37	0 50	0 32	2 18	23 48	0 20	11 24	1 54	32 10	15 13	21 9	21 25	1 9		n.a.
T 18	6 40	13 27	4 44	5 47	2 58	22 39	2 27	20 14	1 3	24 37	0 50	0 35	2 18	23 48	0 20	11 23	1 54	32 10	15 14	21 8	21 24	1 11		n.a.
W19	7 2	9 37	5 2	5 14	2 56	22 55	2 29	20 24	1 3	24 37	0 50	0 38	2 18	23 48	0 19	11 23	1 54	32 10	15 14	21 7	21 24	1 14		n.a.
T 20	7 25	5 26	5 8	4 39	2 53	23 11	2 31	20 33	1 3	24 37	0 50	0 42	2 18	23 48	0 19	11 22	1 54	32 10	15 14	21 6	21 23	1 16		n.a.
F 21	7 47	1 4	5 0	4 2	2 49	23 27	2 32	20 42	1 3	24 37	0 50	0 45	2 18	23 48	0 19	11 22	1 54	32 10	15 15	21 5	21 23	1 19		n.a.
S 22	8 9	3s21	4 40	3 23	2 45	23 41	2 34	20 51	1 4	24 36	0 50	0 48	2 18	23 48	0 19	11 21	1 54	32 10	15 15	21 3	21 22	1 21		n.a.
S 23	8 30	7 39	4 7	2 43	2 40	23 55	2 35	21 0	1 4	24 36	0 50	0 51	2 18	23 49	0 19	11 21	1 54	32 11	15 15	21 2	21 21	1 24		n.a.
M24	8 52	11 41	3 23	2 2	2 35	24 9	2 36	21 9	1 4	24 36	0 50	0 54	2 18	23 49	0 19	11 20	1 54	32 11	15 16	21 0	21 21	1 26		n.a.
T 25	9 14	15 17	2 29	1 18	2 29	24 22	2 38	21 18	1 4	24 35	0 50	0 57	2 18	23 49	0 19	11 20	1 54	32 11	15 16	20 59	21 20	1 28		n.a.
W26	9 35	18 17	1 28	0 34	2 22	24 34	2 39	21 26	1 4	24 35	0 50	1 0	2 18	23 49	0 19	11 19	1 54	32 11	15 17	20 59	21 20	1 31		n.a.
T 27	9 57	20 28	0 22	0n12	2 15	24 45	2 40	21 35	1 5	24 35	0 50	1 3	2 18	23 49	0 19	11 19	1 54	32 11	15 17	20 59	21 19	1 33		n.a.
F 28	10 18	21 40	0n46	1 0	2 7	24 56	2 41	21 43	1 5	24 35	0 49	1 6	2 18	23 49	0 19	11 18	1 54	32 11	15 17	20 59	21 18	1 36		n.a.
S 29	10 39	21 47	1 53	1 49	1 59	25 7	2 41	21 51	1 5	24 34	0 49	1 9	2 18	23 50	0 19	11 17	1 54	32 11	15 18	20 59	21 18	1 38		n.a.
S 30	11n 0	20s44	2n56	2n39	1s51	25n17	2n42	21n59	1n 5	24n34	0n49	1n12	2s18	23n50	0n19	11s17	1n54	32s12	15s18	20s59	21s17	1s41		n.a.

Julian Day Number = 1300380.5, Delta T = 07h50m55s
Ecliptic obliquity = 23°49'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'14, Lahiri = -19°52'14 Julian Calendar 1 Apr. 1153 BCE == Greg. Calendar 21 March 1153 BCE

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

MAY 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 53 36	29♈ 6'44	19♉55	12♈36	13♊ 6	2♊41	4♋57	8♈21	20♊51	4°R 0	11♒37	2♐26	3♐55	23♍13	n.a.	M 1
T 2	13 57 32	0♉ 3'55	3♒35	14°27	14°10	3°19	5° 5	8°29	20°54	3♏59	11°37	2°R27	3°52	23°20	n.a.	T 2
W 3	14 1 29	1° 1'06	17°37	16°20	15°13	3°56	5°14	8°36	20°57	3°57	11°38	2°26	3°49	23°27	n.a.	W 3
T 4	14 5 26	1°58'17	2♓ 0	18°16	16°17	4°34	5°23	8°44	20°59	3°56	11°38	2°23	3°45	23°33	n.a.	T 4
F 5	14 9 22	2°55'27	16°40	20°13	17°20	5°11	5°32	8°51	21° 2	3°54	11°39	2°20	3°42	23°40	n.a.	F 5
S 6	14 13 19	3°52'37	1♈32	22°13	18°22	5°49	5°41	8°59	21° 5	3°52	11°39	2°16	3°39	23°47	n.a.	S 6
S 7	14 17 15	4°49'47	16°29	24°16	19°25	6°26	5°50	9° 6	21° 7	3°51	11°39	2°12	3°36	23°54	n.a.	S 7
M 8	14 21 12	5°46'56	1♉23	26°19	20°27	7° 3	5°59	9°13	21°10	3°49	11°40	2° 9	3°33	24° 0	n.a.	M 8
T 9	14 25 8	6°44'05	16° 4	28°25	21°29	7°41	6° 8	9°21	21°13	3°48	11°40	2° 7	3°29	24° 7	n.a.	T 9
W10	14 29 5	7°41'13	0♊27	0♉32	22°31	8°18	6°17	9°28	21°16	3°46	11°40	2°D 7	3°26	24°14	n.a.	W10
T 11	14 33 1	8°38'21	14°26	2°41	23°32	8°56	6°27	9°35	21°19	3°44	11°41	2° 7	3°23	24°20	n.a.	T 11
F 12	14 36 58	9°35'28	28° 0	4°50	24°33	9°33	6°36	9°42	21°22	3°43	11°41	2° 8	3°20	24°27	n.a.	F 12
S 13	14 40 55	10°32'35	11♋10	7° 1	25°34	10°11	6°46	9°50	21°25	3°41	11°41	2°10	3°17	24°34	n.a.	S 13
S 14	14 44 51	11°29'41	23°56	9°12	26°34	10°48	6°56	9°57	21°28	3°39	11°41	2°11	3°14	24°41	n.a.	S 14
M15	14 48 48	12°26'46	6♌23	11°23	27°34	11°26	7° 6	10° 4	21°31	3°38	11°42	2°12	3°10	24°47	n.a.	M15
T 16	14 52 44	13°23'51	18°34	13°34	28°34	12° 3	7°16	10°11	21°34	3°36	11°42	2°R12	3° 7	24°54	n.a.	T 16
W17	14 56 41	14°20'56	0♍35	15°45	29°34	12°41	7°26	10°18	21°37	3°35	11°42	2°11	3° 4	25° 1	n.a.	W17
T 18	15 0 37	15°18'00	12°30	17°55	0♋33	13°18	7°36	10°25	21°40	3°33	11°42	2°10	3° 1	25° 7	n.a.	T 18
F 19	15 4 34	16°15'04	24°22	20° 4	1°31	13°56	7°46	10°32	21°43	3°32	11°42	2° 7	2°58	25°14	n.a.	F 19
S 20	15 8 30	17°12'07	6♎15	22°13	2°29	14°34	7°56	10°39	21°47	3°30	11°42	2° 5	2°54	25°21	n.a.	S 20
S 21	15 12 27	18° 9'10	18°14	24°20	3°27	15°11	8° 7	10°46	21°50	3°28	11°42	2° 3	2°51	25°28	n.a.	S 21
M22	15 16 24	19° 6'13	0♏19	26°26	4°24	15°49	8°17	10°52	21°53	3°27	11°42	2° 1	2°48	25°34	n.a.	M22
T 23	15 20 20	20° 3'16	12°34	28°31	5°21	16°26	8°28	10°59	21°56	3°25	11°R42	2° 0	2°45	25°41	n.a.	T 23
W24	15 24 17	21° 0'19	25° 0	0♊33	6°18	17° 4	8°38	11° 6	22° 0	3°24	11°42	2° 0	2°42	25°48	n.a.	W24
T 25	15 28 13	21°57'22	7♐38	2°35	7°14	17°41	8°49	11°13	22° 3	3°22	11°42	2°D 0	2°39	25°54	n.a.	T 25
F 26	15 32 10	22°54'25	20°29	4°34	8° 9	18°19	9° 0	11°19	22° 6	3°21	11°42	2° 0	2°35	26° 1	n.a.	F 26
S 27	15 36 6	23°51'29	3♑34	6°31	9° 4	18°57	9°11	11°26	22°10	3°19	11°42	2° 1	2°32	26° 8	n.a.	S 27
S 28	15 40 3	24°48'33	16°52	8°27	9°59	19°34	9°22	11°32	22°13	3°18	11°42	2° 1	2°29	26°15	n.a.	S 28
M29	15 44 0	25°45'37	0♒25	10°21	10°52	20°12	9°33	11°39	22°16	3°16	11°42	2° 2	2°26	26°21	n.a.	M29
T 30	15 47 56	26°42'42	14°12	12°13	11°46	20°49	9°44	11°45	22°20	3°15	11°42	2° 2	2°23	26°28	n.a.	T 30
W31	15 51 53	27♉39'47	28♒12	14♊ 2	12♋39	21♊27	9♋55	11♈51	22♊23	3♏13	11♒42	2°R 2	2♐20	26♍35	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n20	18s31	3n51	3n30	1s42	25n26	2n42	22n 7	1n 5	24n34	0n49	1n15	2s19	23n50	0n19	11s16	1n54	32s12	15s18	20s59	21s17	1s43			n.a.
T 2	11 41	15 14	4 34	4 22	1 32	25 34	2 43	22 14	1 6	24 33	0 49	1 18	2 19	23 50	0 19	11 16	1 54	32 12	15 19	20 59	21 16	1 45			n.a.
W 3	12 1	11 0	5 2	5 16	1 22	25 42	2 43	22 22	1 6	24 33	0 49	1 21	2 19	23 50	0 19	11 15	1 54	32 12	15 19	20 59	21 15	1 48			n.a.
T 4	12 21	6 5	5 13	6 10	1 12	25 49	2 43	22 29	1 6	24 32	0 49	1 24	2 19	23 51	0 19	11 15	1 54	32 12	15 19	20 59	21 15	1 50			n.a.
F 5	12 41	0 42	5 3	7 5	1 2	25 55	2 43	22 36	1 6	24 32	0 49	1 27	2 19	23 51	0 19	11 14	1 54	32 13	15 20	20 58	21 14	1 53			n.a.
S 6	13 1	4n47	4 33	8 0	0 51	26 1	2 43	22 43	1 6	24 32	0 49	1 30	2 19	23 51	0 19	11 14	1 54	32 13	15 20	20 57	21 14	1 55			n.a.
S 7	13 21	10 2	3 44	8 56	0 41	26 6	2 43	22 50	1 7	24 31	0 49	1 32	2 19	23 51	0 19	11 13	1 54	32 13	15 21	20 57	21 13	1 57			n.a.
M 8	13 40	14 39	2 41	9 52	0 30	26 11	2 43	22 56	1 7	24 31	0 49	1 35	2 19	23 51	0 19	11 13	1 54	32 13	15 21	20 56	21 12	2 0			n.a.
T 9	13 59	18 18	1 27	10 48	0 19	26 15	2 42	23 3	1 7	24 30	0 49	1 38	2 19	23 51	0 19	11 12	1 54	32 14	15 21	20 56	21 12	2 2			n.a.
W10	14 18	20 44	0 9	11 43	0 8	26 18	2 41	23 9	1 7	24 30	0 49	1 41	2 19	23 52	0 19	11 11	1 54	32 14	15 22	20 55	21 11	2 5			n.a.
T 11	14 37	21 48	1s 7	12 39	0n 3	26 21	2 41	23 15	1 7	24 29	0 49	1 44	2 19	23 52	0 19	11 11	1 54	32 14	15 22	20 55	21 11	2 7			n.a.
F 12	14 55	21 31	2 18	13 33	0 13	26 23	2 40	23 21	1 7	24 29	0 49	1 47	2 19	23 52	0 19	11 10	1 54	32 14	15 22	20 56	21 10	2 9			n.a.
S 13	15 14	20 3	3 19	14 27	0 24	26 24	2 39	23 27	1 7	24 28	0 49	1 49	2 20	23 52	0 19	11 10	1 54	32 15	15 23	20 56	21 9	2 12			n.a.
S 14	15 32	17 36	4 8	15 20	0 34	26 25	2 38	23 33	1 8	24 28	0 49	1 52	2 20	23 52	0 19	11 9	1 54	32 15	15 23	20 56	21 9	2 14			n.a.
M15	15 49	14 24	4 44	16 11	0 44	26 25	2 36	23 38	1 8	24 27	0 49	1 55	2 20	23 53	0 19	11 9	1 54	32 15	15 24	20 56	21 8	2 17			n.a.
T 16	16 7	10 39	5 7	17 0	0 53	26 24	2 35	23 44	1 8	24 27	0 49	1 58	2 20	23 53	0 19	11 8	1 54	32 16	15 24	20 56	21 7	2 19			n.a.
W17	16 24	6 32	5 15	17 48	1 2	26 23	2 33	23 49	1 8	24 26	0 49	2 0	2 20	23 53	0 19	11 8	1 54	32 16	15 24	20 56	21 7	2 21			n.a.
T 18	16 41	2 13	5 10	18 34	1 10	26 21	2 31	23 54	1 8	24 25	0 49	2 3	2 20	23 53	0 19	11 7	1 54	32 16	15 25	20 56	21 6	2 24			n.a.
F 19	16 58	2s11	4 52	19 18	1 18	26 19	2 29	23 59	1 8	24 25	0 49	2 6	2 20	23 53	0 19	11 7	1 54	32 17	15 25	20 56	21 6	2 26			n.a.
S 20	17 15	6 31	4 21	19 59	1 25	26 16	2 27	24 3	1 8	24 24	0 49	2 8	2 20	23 54	0 19	11 6	1 54	32 17	15 25	20 55	21 5	2 29			n.a.
S 21	17 31	10 37	3 39	20 38	1 31	26 12	2 25	24 8	1 9	24 24	0 49	2 11	2 20	23 54	0 19	11 6	1 54	32 17	15 26	20 55	21 4	2 31			n.a.
M22	17 47	14 21	2 46	21 15	1 37	26 8	2 22	24 12	1 9	24 23	0 49	2 13	2 21	23 54	0 19	11 5	1 54	32 18	15 26	20 54	21 4	2 33			n.a.
T 23	18 3	17 32	1 45	21 49	1 42	26 3	2 20	24 16	1 9	24 22	0 49	2 16	2 21	23 54	0 19	11 5	1 54	32 18	15 27	20 54	21 3	2 36			n.a.
W24	18 18	19 57	0 39	22 20	1 47	25 57	2 17	24 20	1 9	24 21	0 49	2 18	2 21	23 54	0 19	11 4	1 54	32 18	15 27	20 54	21 2	2 38			n.a.
T 25	18 33	21 26	0n31	22 49	1 50	25 51	2 14	24 24	1 9	24 21	0 49	2 21	2 21	23 55	0 19	11 4	1 54	32 19	15 27	20 54	21 2	2 41			n.a.
F 26	18 48	21 49	1 41	23 15	1 53	25 45	2 11	24 27	1 9	24 20	0 49	2 23	2 21	23 55	0 19	11 3	1 54	32 19	15 28	20 54	21 1	2 43			n.a.
S 27	19 3	21 1	2 46	23 39	1 56	25 38	2 7	24 31	1 9	24 19	0 49	2 26	2 21	23 55	0 19	11 3	1 54	32 19	15 28	20 54	21 1	2 45			n.a.
S 28	19 17	19 3	3 44	24 0	1 57	25 30	2 4	24 34	1 9	24 18	0 49	2 28	2 21	23 55	0 19	11 2	1 54	32 20	15 28	20 54	21 0	2 48			n.a.
M29	19 31	16 0	4 30	24 19	1 58	25 22	2 0	24 37	1 9	24 18	0 49	2 31	2 21	23 55	0 19	11 2	1 54	32 20	15 29	20 54	20 59	2 50			n.a.
T 30	19 44	12 2	5 2	24 35	1 59	25 14	1 56	24 40	1 10	24 17	0 49	2 33	2 22	23 56	0 19	11 1	1 54	32 21	15 29	20 54	20 59	2 52			n.a.
W31	19n58	7s21	5n16	24n49	1n59	25n 5	1n52	24n42	1n10	24n16	0n49	2n36	2s22	23n56	0n19	11s 1	1n54	32s21	15s29	20s55	20s58	2s55			n.a.

Julian Day Number = 1300410.5, Delta T = 07h50m53s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'10, Lahiri = -19°52'09 Julian Calendar 1 May 1153 BCE == Greg. Calendar 20 Apr. 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

JUNE 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 49	28♉36'53	12♓25	15♊50	13♋31	22♊ 5	10♋ 6	11♈58	22♊27	3°R12	11°R41	2°R 2	2♐16	26♍41	n.a.	T 1
F 2	15 59 46	29°33'59	26°48	17°36	14°22	22°42	10°17	12° 4	22°30	3♏11	11♒41	2♐ 2	2°13	26°48	n.a.	F 2
S 3	16 3 42	0♊31'06	11♈18	19°20	15°13	23°20	10°29	12°10	22°34	3° 9	11°41	2° 2	2°10	26°55	n.a.	S 3
S 4	16 7 39	1°28'14	25°49	21° 2	16° 4	23°58	10°40	12°16	22°37	3° 8	11°41	2° 2	2° 7	27° 2	n.a.	S 4
M 5	16 11 35	2°25'23	10♉18	22°42	16°53	24°36	10°51	12°22	22°41	3° 6	11°40	2°D 2	2° 4	27° 8	n.a.	M 5
T 6	16 15 32	3°22'32	24°38	24°20	17°42	25°13	11° 3	12°28	22°44	3° 5	11°40	2° 2	2° 0	27°15	n.a.	T 6
W 7	16 19 29	4°19'42	8♊45	25°56	18°30	25°51	11°15	12°34	22°48	3° 4	11°40	2°R 2	1°57	27°22	n.a.	W 7
T 8	16 23 25	5°16'52	22°34	27°31	19°18	26°29	11°26	12°40	22°51	3° 2	11°39	2° 2	1°54	27°28	n.a.	T 8
F 9	16 27 22	6°14'03	6♋ 3	29° 3	20° 4	27° 7	11°38	12°46	22°55	3° 1	11°39	2° 1	1°51	27°35	n.a.	F 9
S 10	16 31 18	7°11'14	19°11	0♋33	20°50	27°44	11°50	12°51	22°59	3° 0	11°39	2° 1	1°48	27°42	n.a.	S 10
S 11	16 35 15	8° 8'26	1♌58	2° 1	21°35	28°22	12° 2	12°57	23° 2	2°59	11°38	2° 0	1°45	27°49	n.a.	S 11
M12	16 39 11	9° 5'38	14°26	3°27	22°19	29° 0	12°13	13° 3	23° 6	2°57	11°38	1°59	1°41	27°55	n.a.	M12
T 13	16 43 8	10° 2'50	26°40	4°52	23° 2	29°38	12°25	13° 8	23° 9	2°56	11°37	1°59	1°38	28° 2	n.a.	T 13
W14	16 47 5	11° 0'03	8♍42	6°14	23°45	0♋16	12°37	13°13	23°13	2°55	11°37	1°D59	1°35	28° 9	n.a.	W14
T 15	16 51 1	11°57'16	20°37	7°33	24°26	0°53	12°49	13°19	23°17	2°54	11°36	1°59	1°32	28°15	n.a.	T 15
F 16	16 54 58	12°54'30	2♎29	8°51	25° 6	1°31	13° 1	13°24	23°20	2°53	11°36	1°59	1°29	28°22	n.a.	F 16
S 17	16 58 54	13°51'45	14°24	10° 7	25°45	2° 9	13°14	13°29	23°24	2°52	11°35	2° 0	1°26	28°29	n.a.	S 17
S 18	17 2 51	14°49'00	26°25	11°20	26°23	2°47	13°26	13°34	23°28	2°50	11°35	2° 1	1°22	28°35	n.a.	S 18
M19	17 6 47	15°46'16	8♏36	12°30	27° 0	3°25	13°38	13°40	23°31	2°49	11°34	2° 3	1°19	28°42	n.a.	M19
T 20	17 10 44	16°43'33	21° 1	13°39	27°35	4° 3	13°50	13°45	23°35	2°48	11°33	2° 3	1°16	28°49	n.a.	T 20
W21	17 14 40	17°40'50	3♐41	14°45	28° 9	4°41	14° 3	13°49	23°39	2°47	11°33	2°R 4	1°13	28°56	n.a.	W21
T 22	17 18 37	18°38'09	16°38	15°48	28°42	5°19	14°15	13°54	23°42	2°46	11°32	2° 3	1°10	29° 2	n.a.	T 22
F 23	17 22 34	19°35'29	29°51	16°48	29°14	5°57	14°27	13°59	23°46	2°45	11°32	2° 2	1° 6	29° 9	n.a.	F 23
S 24	17 26 30	20°32'49	13♑20	17°46	29°44	6°35	14°40	14° 4	23°50	2°44	11°31	2° 0	1° 3	29°16	n.a.	S 24
S 25	17 30 27	21°30'11	27° 4	18°41	0♌13	7°13	14°52	14° 8	23°54	2°43	11°30	1°57	1° 0	29°22	n.a.	S 25
M26	17 34 23	22°27'34	10♒58	19°32	0°40	7°51	15° 5	14°13	23°57	2°43	11°29	1°55	0°57	29°29	n.a.	M26
T 27	17 38 20	23°24'59	25° 2	20°21	1° 6	8°29	15°17	14°17	24° 1	2°42	11°29	1°52	0°54	29°36	n.a.	T 27
W28	17 42 16	24°22'25	9♓11	21° 6	1°30	9° 7	15°30	14°22	24° 5	2°41	11°28	1°51	0°51	29°43	n.a.	W28
T 29	17 46 13	25°19'52	23°24	21°47	1°52	9°45	15°42	14°26	24° 8	2°40	11°27	1°D50	0°47	29°49	n.a.	T 29
F 30	17 50 9	26♊17'21	7♈37	22♋25	2♌12	10♋23	15♋55	14♈30	24♊12	2♏39	11♒26	1♐50	0♐44	29♍56	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n11	2s13	5n12	25n 1	1n58	24n55	1n48	24n45	1n10	24n15	0n49	2n38	2s22	23n56	0n19	11s 0	1n54	32s21	15s30	20s54	20s57	2s57		n.a.
F 2	20 23	3n 6	4 48	25 10	1 56	24 45	1 43	24 47	1 10	24 14	0 49	2 40	2 22	23 56	0 19	11 0	1 54	32 22	15 30	20 54	20 57	2 59		n.a.
S 3	20 36	8 18	4 6	25 17	1 54	24 35	1 38	24 49	1 10	24 13	0 49	2 42	2 22	23 56	0 19	10 59	1 54	32 22	15 31	20 54	20 56	3 2		n.a.
S 4	20 48	13 2	3 8	25 22	1 51	24 24	1 33	24 51	1 10	24 12	0 49	2 45	2 22	23 57	0 19	10 59	1 54	32 23	15 31	20 54	20 55	3 4		n.a.
M 5	20 59	17 0	1 58	25 26	1 48	24 12	1 28	24 53	1 10	24 11	0 49	2 47	2 23	23 57	0 19	10 58	1 54	32 23	15 31	20 54	20 55	3 7		n.a.
T 6	21 10	19 54	0 41	25 27	1 44	24 0	1 23	24 55	1 10	24 10	0 49	2 49	2 23	23 57	0 19	10 58	1 53	32 23	15 32	20 54	20 54	3 9		n.a.
W 7	21 21	21 31	0s37	25 26	1 40	23 48	1 17	24 56	1 10	24 9	0 49	2 51	2 23	23 57	0 19	10 58	1 53	32 24	15 32	20 54	20 53	3 11		n.a.
T 8	21 32	21 46	1 51	25 24	1 35	23 36	1 12	24 57	1 10	24 8	0 49	2 53	2 23	23 57	0 19	10 57	1 53	32 24	15 32	20 54	20 53	3 14		n.a.
F 9	21 42	20 44	2 58	25 19	1 30	23 23	1 6	24 58	1 10	24 7	0 49	2 56	2 23	23 58	0 19	10 57	1 53	32 25	15 33	20 54	20 52	3 16		n.a.
S 10	21 52	18 36	3 53	25 14	1 24	23 10	0 59	24 59	1 10	24 6	0 49	2 58	2 23	23 58	0 19	10 56	1 53	32 25	15 33	20 54	20 52	3 18		n.a.
S 11	22 1	15 35	4 34	25 7	1 18	22 56	0 53	25 0	1 10	24 5	0 49	3 0	2 24	23 58	0 19	10 56	1 53	32 26	15 33	20 54	20 51	3 21		n.a.
M12	22 10	11 57	5 2	24 58	1 11	22 42	0 46	25 0	1 10	24 4	0 49	3 2	2 24	23 58	0 19	10 56	1 53	32 26	15 34	20 54	20 50	3 23		n.a.
T 13	22 19	7 54	5 15	24 48	1 4	22 28	0 39	25 0	1 10	24 3	0 49	3 4	2 24	23 58	0 19	10 55	1 53	32 27	15 34	20 54	20 50	3 25		n.a.
W14	22 28	3 35	5 15	24 37	0 56	22 14	0 32	25 0	1 11	24 2	0 49	3 6	2 24	23 59	0 19	10 55	1 53	32 27	15 34	20 54	20 49	3 28		n.a.
T 15	22 35	0s49	5 0	24 25	0 48	21 59	0 24	25 0	1 11	24 1	0 49	3 8	2 24	23 59	0 19	10 55	1 53	32 28	15 35	20 54	20 48	3 30		n.a.
F 16	22 43	5 10	4 33	24 11	0 39	21 44	0 17	25 0	1 11	24 0	0 49	3 10	2 25	23 59	0 19	10 54	1 53	32 28	15 35	20 54	20 48	3 32		n.a.
S 17	22 50	9 21	3 54	23 57	0 31	21 29	0 9	24 59	1 11	23 58	0 49	3 11	2 25	23 59	0 19	10 54	1 53	32 28	15 35	20 54	20 47	3 35		n.a.
S 18	22 57	13 13	3 5	23 42	0 21	21 14	0 0	24 59	1 11	23 57	0 49	3 13	2 25	23 59	0 19	10 53	1 53	32 29	15 36	20 54	20 46	3 37		n.a.
M19	23 3	16 35	2 6	23 26	0 12	20 58	0s 8	24 58	1 11	23 56	0 49	3 15	2 25	24 0	0 19	10 53	1 53	32 29	15 36	20 55	20 46	3 39		n.a.
T 20	23 9	19 17	1 1	23 9	0 2	20 43	0 17	24 57	1 11	23 55	0 49	3 17	2 25	24 0	0 19	10 53	1 53	32 30	15 36	20 55	20 45	3 42		n.a.
W21	23 15	21 5	0n 9	22 52	0s 8	20 27	0 26	24 56	1 11	23 53	0 49	3 19	2 26	24 0	0 19	10 53	1 53	32 30	15 37	20 55	20 44	3 44		n.a.
T 22	23 20	21 50	1 20	22 34	0 19	20 11	0 35	24 54	1 11	23 52	0 49	3 20	2 26	24 0	0 20	10 52	1 53	32 31	15 37	20 55	20 44	3 46		n.a.
F 23	23 25	21 22	2 27	22 16	0 30	19 55	0 44	24 52	1 11	23 51	0 49	3 22	2 26	24 0	0 20	10 52	1 53	32 31	15 37	20 54	20 43	3 49		n.a.
S 24	23 29	19 42	3 28	21 57	0 41	19 39	0 54	24 51	1 11	23 49	0 49	3 24	2 26	24 1	0 20	10 52	1 53	32 32	15 38	20 54	20 42	3 51		n.a.
S 25	23 33	16 52	4 18	21 38	0 52	19 23	1 4	24 49	1 11	23 48	0 49	3 25	2 26	24 1	0 20	10 51	1 53	32 32	15 38	20 53	20 42	3 53		n.a.
M26	23 37	13 3	4 54	21 20	1 4	19 7	1 15	24 46	1 11	23 47	0 49	3 27	2 27	24 1	0 20	10 51	1 53	32 33	15 38	20 53	20 41	3 56		n.a.
T 27	23 40	8 29	5 12	21 1	1 16	18 51	1 25	24 44	1 11	23 45	0 49	3 28	2 27	24 1	0 20	10 51	1 52	32 33	15 39	20 52	20 40	3 58		n.a.
W28	23 43	3 27	5 12	20 42	1 28	18 35	1 36	24 41	1 11	23 44	0 49	3 30	2 27	24 1	0 20	10 51	1 52	32 34	15 39	20 52	20 40	4 0		n.a.
T 29	23 45	1n48	4 53	20 23	1 40	18 20	1 47	24 39	1 11	23 42	0 49	3 31	2 27	24 1	0 20	10 50	1 52	32 34	15 39	20 52	20 39	4 3		n.a.
F 30	23n47	6n58	4n15	20n 5	1s52	18n 4	1s59	24n36	1n11	23n41	0n49	3n33	2s28	24n 2	0n20	10s50	1n52	32s35	15s39	20s52	20s38	4s 5		n.a.

Julian Day Number = 1300441.5, Delta T = 07h50m52s
Ecliptic obliquity = 23°49'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'06, Lahiri = -19°52'05 Julian Calendar 1 June 1153 BCE == Greg. Calendar 21 May 1153 BCE

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

JULY 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 6	27♊14'51	21♈48	22♋59	2♌31	11♋ 1	16♋ 8	14♈34	24♊16	2°R38	11°R26	1♐51	0♐41	0♎ 3	n.a.	S 1
S 2	17 58 3	28°12'23	5♉56	23°28	2°48	11°39	16°20	14°38	24°20	2♏38	11♒25	1°53	0°38	0° 9	n.a.	S 2
M 3	18 1 59	29° 9'57	19°58	23°54	3° 3	12°17	16°33	14°42	24°23	2°37	11°24	1°54	0°35	0°16	n.a.	M 3
T 4	18 5 56	0♋ 7'32	3♊51	24°14	3°16	12°55	16°46	14°46	24°27	2°36	11°23	1°R54	0°32	0°23	n.a.	T 4
W 5	18 9 52	1° 5'09	17°34	24°30	3°27	13°34	16°59	14°49	24°31	2°36	11°22	1°53	0°28	0°30	n.a.	W 5
T 6	18 13 49	2° 2'47	1♋ 4	24°41	3°36	14°12	17°12	14°53	24°34	2°35	11°21	1°51	0°25	0°36	n.a.	T 6
F 7	18 17 45	3° 0'27	14°19	24°47	3°43	14°50	17°24	14°57	24°38	2°34	11°20	1°47	0°22	0°43	n.a.	F 7
S 8	18 21 42	3°58'08	27°17	24°R47	3°47	15°28	17°37	15° 0	24°42	2°34	11°20	1°42	0°19	0°50	n.a.	S 8
S 9	18 25 39	4°55'51	9♌59	24°42	3°50	16° 7	17°50	15° 3	24°45	2°33	11°19	1°37	0°16	0°56	n.a.	S 9
M10	18 29 35	5°53'34	22°25	24°32	3°R50	16°45	18° 3	15° 7	24°49	2°33	11°18	1°31	0°12	1° 3	n.a.	M10
T 11	18 33 32	6°51'19	4♍37	24°15	3°48	17°23	18°16	15°10	24°53	2°32	11°17	1°27	0° 9	1°10	n.a.	T 11
W12	18 37 28	7°49'06	16°38	23°53	3°43	18° 1	18°29	15°13	24°56	2°32	11°16	1°23	0° 6	1°16	n.a.	W12
T 13	18 41 25	8°46'53	28°32	23°25	3°36	18°40	18°42	15°16	25° 0	2°31	11°15	1°21	0° 3	1°23	n.a.	T 13
F 14	18 45 21	9°44'42	10♎23	22°52	3°27	19°18	18°55	15°19	25° 4	2°31	11°14	1°D20	29♏59	1°30	n.a.	F 14
S 15	18 49 18	10°42'33	22°17	22°14	3°15	19°57	19° 8	15°21	25° 7	2°31	11°13	1°21	29°57	1°37	n.a.	S 15
S 16	18 53 14	11°40'25	4♏19	21°31	3° 1	20°35	19°21	15°24	25°11	2°30	11°12	1°22	29°53	1°43	n.a.	S 16
M17	18 57 11	12°38'18	16°32	20°44	2°44	21°13	19°34	15°27	25°14	2°30	11°11	1°24	29°50	1°50	n.a.	M17
T 18	19 1 7	13°36'13	29° 2	19°54	2°26	21°52	19°47	15°29	25°18	2°30	11°10	1°R25	29°47	1°57	n.a.	T 18
W19	19 5 4	14°34'09	11♐52	19° 0	2° 5	22°30	20° 0	15°31	25°22	2°29	11° 9	1°24	29°44	2° 3	n.a.	W19
T 20	19 9 1	15°32'07	25° 3	18° 6	1°41	23° 9	20°13	15°34	25°25	2°29	11° 7	1°22	29°41	2°10	n.a.	T 20
F 21	19 12 57	16°30'07	8♑37	17°10	1°16	23°47	20°26	15°36	25°29	2°29	11° 6	1°17	29°38	2°17	n.a.	F 21
S 22	19 16 54	17°28'08	22°32	16°15	0°49	24°26	20°39	15°38	25°32	2°29	11° 5	1°11	29°34	2°23	n.a.	S 22
S 23	19 20 50	18°26'11	6♒43	15°22	0°20	25° 4	20°52	15°40	25°36	2°29	11° 4	1° 4	29°31	2°30	n.a.	S 23
M24	19 24 47	19°24'16	21° 5	14°32	29♋49	25°43	21° 5	15°42	25°39	2°29	11° 3	0°57	29°28	2°37	n.a.	M24
T 25	19 28 43	20°22'23	5♓33	13°45	29°17	26°22	21°18	15°43	25°43	2°29	11° 2	0°50	29°25	2°44	n.a.	T 25
W26	19 32 40	21°20'32	20° 1	13° 4	28°44	27° 0	21°31	15°45	25°46	2°D29	11° 1	0°44	29°22	2°50	n.a.	W26
T 27	19 36 36	22°18'43	4♈24	12°29	28° 9	27°39	21°45	15°46	25°49	2°29	11° 0	0°41	29°18	2°57	n.a.	T 27
F 28	19 40 33	23°16'57	18°38	12° 1	27°33	28°18	21°58	15°48	25°53	2°29	10°58	0°D39	29°15	3° 4	n.a.	F 28
S 29	19 44 30	24°15'12	2♉41	11°41	26°57	28°56	22°11	15°49	25°56	2°29	10°57	0°40	29°12	3°10	n.a.	S 29
S 30	19 48 26	25°13'30	16°33	11°28	26°21	29°35	22°24	15°50	26° 0	2°29	10°56	0°40	29° 9	3°17	n.a.	S 30
M31	19 52 23	26♋11'51	0♊14	11°D25	25♋44	0♌14	22♋37	15♈51	26♊ 3	2♏29	10♒55	0°R41	29♏ 6	3♎24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	11n45	3n23	19n47	2s 5	17n48	2s10	24n33	1n11	23n39	0n49	3n34	2s28	24n 2	0n20	10s50	1n52	32s35	15s40	20s52	20s38	4s 7		n.a.
S 2	23 49	15 53	2 18	19 30	2 17	17 33	2 22	24 29	1 11	23 38	0 50	3 35	2 28	24 2	0 20	10 50	1 52	32 36	15 40	20 53	20 37	4 10		n.a.
M 3	23 50	19 4	1 5	19 13	2 30	17 18	2 34	24 26	1 11	23 36	0 50	3 37	2 28	24 2	0 20	10 50	1 52	32 36	15 40	20 53	20 36	4 12		n.a.
T 4	23 50	21 5	0s11	18 58	2 42	17 3	2 47	24 22	1 11	23 35	0 50	3 38	2 28	24 2	0 20	10 49	1 52	32 37	15 40	20 53	20 36	4 14		n.a.
W 5	23 50	21 50	1 25	18 43	2 54	16 48	2 59	24 18	1 11	23 33	0 50	3 39	2 29	24 2	0 20	10 49	1 52	32 37	15 41	20 53	20 35	4 17		n.a.
T 6	23 49	21 17	2 33	18 29	3 6	16 33	3 12	24 14	1 11	23 32	0 50	3 40	2 29	24 3	0 20	10 49	1 52	32 38	15 41	20 52	20 34	4 19		n.a.
F 7	23 48	19 33	3 31	18 17	3 18	16 19	3 25	24 10	1 11	23 30	0 50	3 42	2 29	24 3	0 20	10 49	1 52	32 38	15 41	20 51	20 34	4 21		n.a.
S 8	23 46	16 50	4 17	18 6	3 29	16 5	3 38	24 5	1 11	23 28	0 50	3 43	2 29	24 3	0 20	10 49	1 52	32 39	15 41	20 50	20 33	4 23		n.a.
S 9	23 44	13 23	4 49	17 56	3 40	15 52	3 52	24 1	1 11	23 27	0 50	3 44	2 30	24 3	0 20	10 49	1 52	32 40	15 42	20 49	20 32	4 26		n.a.
M10	23 42	9 26	5 7	17 48	3 50	15 39	4 5	23 56	1 11	23 25	0 50	3 45	2 30	24 3	0 20	10 48	1 52	32 40	15 42	20 48	20 32	4 28		n.a.
T 11	23 39	5 10	5 11	17 42	3 59	15 26	4 18	23 51	1 11	23 23	0 50	3 46	2 30	24 3	0 20	10 48	1 52	32 41	15 42	20 47	20 31	4 30		n.a.
W12	23 36	0 46	5 0	17 37	4 7	15 14	4 32	23 46	1 11	23 21	0 50	3 47	2 30	24 4	0 20	10 48	1 52	32 41	15 42	20 46	20 30	4 33		n.a.
T 13	23 32	3s38	4 37	17 35	4 15	15 2	4 46	23 40	1 11	23 20	0 50	3 48	2 31	24 4	0 20	10 48	1 52	32 42	15 43	20 46	20 30	4 35		n.a.
F 14	23 28	7 53	4 2	17 34	4 21	14 51	4 59	23 35	1 11	23 18	0 50	3 49	2 31	24 4	0 20	10 48	1 51	32 42	15 43	20 46	20 29	4 37		n.a.
S 15	23 23	11 51	3 16	17 36	4 25	14 40	5 13	23 29	1 11	23 16	0 50	3 49	2 31	24 4	0 20	10 48	1 51	32 43	15 43	20 46	20 28	4 40		n.a.
S 16	23 18	15 23	2 22	17 39	4 29	14 30	5 27	23 23	1 11	23 14	0 50	3 50	2 31	24 4	0 20	10 48	1 51	32 43	15 43	20 46	20 27	4 42		n.a.
M17	23 13	18 20	1 20	17 45	4 30	14 21	5 40	23 17	1 10	23 12	0 50	3 51	2 32	24 4	0 20	10 48	1 51	32 44	15 43	20 47	20 27	4 44		n.a.
T 18	23 7	20 29	0 13	17 53	4 30	14 12	5 53	23 11	1 10	23 11	0 50	3 52	2 32	24 4	0 20	10 48	1 51	32 44	15 44	20 47	20 26	4 46		n.a.
W19	23 1	21 39	0n56	18 2	4 28	14 4	6 6	23 4	1 10	23 9	0 50	3 52	2 32	24 5	0 20	10 48	1 51	32 45	15 44	20 47	20 25	4 49		n.a.
T 20	22 55	21 40	2 4	18 14	4 24	13 57	6 19	22 58	1 10	23 7	0 50	3 53	2 32	24 5	0 20	10 48	1 51	32 45	15 44	20 46	20 25	4 51		n.a.
F 21	22 48	20 26	3 7	18 27	4 18	13 50	6 31	22 51	1 10	23 5	0 51	3 54	2 33	24 5	0 20	10 48	1 51	32 46	15 44	20 45	20 24	4 53		n.a.
S 22	22 40	17 58	4 0	18 41	4 10	13 45	6 43	22 44	1 10	23 3	0 51	3 54	2 33	24 5	0 20	10 48	1 51	32 46	15 44	20 44	20 23	4 55		n.a.
S 23	22 32	14 23	4 40	18 57	4 0	13 39	6 55	22 37	1 10	23 1	0 51	3 55	2 33	24 5	0 20	10 48	1 51	32 47	15 45	20 43	20 23	4 58		n.a.
M24	22 24	9 56	5 3	19 14	3 48	13 35	7 6	22 30	1 10	22 59	0 51	3 55	2 33	24 5	0 20	10 48	1 51	32 47	15 45	20 41	20 22	5 0		n.a.
T 25	22 15	4 53	5 6	19 32	3 35	13 31	7 16	22 22	1 10	22 57	0 51	3 56	2 34	24 5	0 20	10 48	1 51	32 48	15 45	20 39	20 21	5 2		n.a.
W26	22 6	0n25	4 50	19 51	3 21	13 29	7 26	22 15	1 10	22 55	0 51	3 56	2 34	24 6	0 20	10 48	1 51	32 48	15 45	20 38	20 21	5 5		n.a.
T 27	21 57	5 41	4 16	20 10	3 5	13 26	7 35	22 7	1 10	22 53	0 51	3 56	2 34	24 6	0 20	10 48	1 51	32 49	15 45	20 38	20 20	5 7		n.a.
F 28	21 47	10 35	3 26	20 29	2 48	13 25	7 43	21 59	1 10	22 51	0 51	3 57	2 34	24 6	0 20	10 48	1 51	32 49	15 45	20 37	20 19	5 9		n.a.
S 29	21 37	14 52	2 24	20 48	2 31	13 24	7 51	21 51	1 10	22 49	0 51	3 57	2 35	24 6	0 20	10 48	1 50	32 50	15 45	20 37	20 18	5 11		n.a.
S 30	21 26	18 15	1 15	21 7	2 13	13 25	7 58	21 42	1 10	22 47	0 51	3 57	2 35	24 6	0 20	10 48	1 50	32 50	15 46	20 38	20 18	5 14		n.a.
M31	21n15	20n34	0n 2	21n25	1s55	13n25	8s 4	21n34	1n10	22n45	0n51	3n57	2s35	24n 6	0n20	10s49	1n50	32s50	15s46	20s38	20s17	5s16		n.a.

Julian Day Number = 1300471.5, Delta T = 07h50m50s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°59'02, Lahiri = -19°52'01 Julian Calendar 1 July 1153 BCE == Greg. Calendar 20 June 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

AUGUST 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 19	27♋10'13	13♊43	11♋30	25°R 7	0♌53	22♋50	15♈52	26♊ 6	2♏29	10°R54	0°R40	29♏ 3	3♎30	n.a.	T 1
W 2	20 0 16	28° 8'38	27° 1	11°44	24♋31	1°31	23° 3	15°53	26°10	2°30	10♒53	0♐37	28°59	3°37	n.a.	W 2
T 3	20 4 12	29° 7'05	10♋ 8	12° 7	23°55	2°10	23°16	15°54	26°13	2°30	10°51	0°32	28°56	3°44	n.a.	T 3
F 4	20 8 9	0♌ 5'34	23° 4	12°39	23°20	2°49	23°29	15°54	26°16	2°30	10°50	0°24	28°53	3°51	n.a.	F 4
S 5	20 12 5	1° 4'05	5♌47	13°20	22°46	3°28	23°42	15°55	26°19	2°30	10°49	0°14	28°50	3°57	n.a.	S 5
S 6	20 16 2	2° 2'38	18°17	14° 8	22°12	4° 7	23°55	15°55	26°23	2°31	10°48	0° 2	28°47	4° 4	n.a.	S 6
M 7	20 19 59	3° 1'12	0♍36	15° 5	21°41	4°46	24° 8	15°56	26°26	2°31	10°47	29♏51	28°43	4°11	n.a.	M 7
T 8	20 23 55	3°59'49	12°43	16° 8	21°11	5°25	24°21	15°56	26°29	2°32	10°45	29°40	28°40	4°17	n.a.	T 8
W 9	20 27 52	4°58'28	24°41	17°19	20°42	6° 4	24°34	15°R56	26°32	2°32	10°44	29°31	28°37	4°24	n.a.	W 9
T 10	20 31 48	5°57'08	6♎33	18°36	20°16	6°43	24°47	15°56	26°35	2°32	10°43	29°25	28°34	4°31	n.a.	T 10
F 11	20 35 45	6°55'51	18°22	19°58	19°51	7°22	25° 0	15°56	26°38	2°33	10°42	29°21	28°31	4°37	n.a.	F 11
S 12	20 39 41	7°54'35	0♏14	21°25	19°28	8° 1	25°13	15°56	26°41	2°34	10°41	29°19	28°28	4°44	n.a.	S 12
S 13	20 43 38	8°53'21	12°12	22°57	19° 8	8°40	25°26	15°55	26°44	2°34	10°39	29°D19	28°24	4°51	n.a.	S 13
M14	20 47 34	9°52'10	24°24	24°32	18°50	9°19	25°39	15°55	26°47	2°35	10°38	29°R19	28°21	4°58	n.a.	M14
T 15	20 51 31	10°51'00	6♐53	26°11	18°34	9°58	25°52	15°54	26°50	2°35	10°37	29°19	28°18	5° 4	n.a.	T 15
W16	20 55 27	11°49'52	19°45	27°52	18°21	10°37	26° 4	15°53	26°53	2°36	10°36	29°17	28°15	5°11	n.a.	W16
T 17	20 59 24	12°48'46	3♑ 2	29°36	18° 9	11°17	26°17	15°53	26°56	2°37	10°34	29°13	28°12	5°18	n.a.	T 17
F 18	21 3 21	13°47'41	16°48	1♌21	18° 1	11°56	26°30	15°52	26°59	2°37	10°33	29° 7	28° 9	5°24	n.a.	F 18
S 19	21 7 17	14°46'39	0♒59	3° 8	17°55	12°35	26°43	15°51	27° 1	2°38	10°32	28°58	28° 5	5°31	n.a.	S 19
S 20	21 11 14	15°45'39	15°32	4°56	17°51	13°14	26°56	15°49	27° 4	2°39	10°31	28°47	28° 2	5°38	n.a.	S 20
M21	21 15 10	16°44'41	0♓20	6°44	17°D49	13°54	27° 8	15°48	27° 7	2°40	10°30	28°36	27°59	5°44	n.a.	M21
T 22	21 19 7	17°43'45	15°15	8°33	17°50	14°33	27°21	15°47	27° 9	2°41	10°28	28°25	27°56	5°51	n.a.	T 22
W23	21 23 3	18°42'52	0♈ 7	10°22	17°54	15°12	27°34	15°45	27°12	2°42	10°27	28°17	27°53	5°58	n.a.	W23
T 24	21 27 0	19°42'01	14°49	12°11	18° 0	15°52	27°46	15°44	27°15	2°43	10°26	28°11	27°49	6° 5	n.a.	T 24
F 25	21 30 56	20°41'12	29°15	13°59	18° 7	16°31	27°59	15°42	27°17	2°44	10°25	28° 7	27°46	6°11	n.a.	F 25
S 26	21 34 53	21°40'26	13♉23	15°48	18°18	17°11	28°11	15°40	27°20	2°45	10°23	28° 6	27°43	6°18	n.a.	S 26
S 27	21 38 50	22°39'43	27°11	17°36	18°30	17°50	28°24	15°39	27°22	2°46	10°22	28° 6	27°40	6°25	n.a.	S 27
M28	21 42 46	23°39'02	10♊41	19°24	18°44	18°30	28°36	15°37	27°25	2°47	10°21	28° 6	27°37	6°31	n.a.	M28
T 29	21 46 43	24°38'23	23°55	21°11	19° 1	19° 9	28°49	15°34	27°27	2°48	10°20	28° 4	27°34	6°38	n.a.	T 29
W30	21 50 39	25°37'47	6♋54	22°57	19°19	19°49	29° 1	15°32	27°30	2°49	10°19	28° 0	27°30	6°45	n.a.	W30
T 31	21 54 36	26♌37'14	19♋42	24♌43	19♋39	20♌29	29♋13	15♈30	27♊32	2♏50	10♒18	27♏53	27♏27	6♎51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n 4	21n40	1s 9	21n43	1s37	13n27	8s 9	21n25	1n 9	22n42	0n51	3n57	2s36	24n 6	0n20	10s49	1n50	32s51	15s46	20s37	20s16	5s18		n.a.	T 1
W 2	20 52	21 32	2 16	22 0	1 19	13 29	8 13	21 16	1 9	22 40	0 51	3 58	2 36	24 6	0 20	10 49	1 50	32 51	15 46	20 37	20 16	5 20		n.a.	W 2
T 3	20 40	20 12	3 15	22 16	1 1	13 32	8 16	21 7	1 9	22 38	0 52	3 58	2 36	24 7	0 20	10 49	1 50	32 52	15 46	20 36	20 15	5 23		n.a.	T 3
F 4	20 28	17 51	4 2	22 30	0 43	13 35	8 18	20 58	1 9	22 36	0 52	3 58	2 36	24 7	0 20	10 49	1 50	32 52	15 46	20 34	20 14	5 25		n.a.	F 4
S 5	20 15	14 40	4 36	22 42	0 27	13 39	8 20	20 49	1 9	22 34	0 52	3 58	2 37	24 7	0 20	10 49	1 50	32 53	15 46	20 32	20 14	5 27		n.a.	S 5
S 6	20 2	10 53	4 57	22 53	0 11	13 44	8 20	20 39	1 9	22 31	0 52	3 57	2 37	24 7	0 20	10 49	1 50	32 53	15 46	20 29	20 13	5 29		n.a.	S 6
M 7	19 48	6 43	5 3	23 2	0n 4	13 49	8 20	20 30	1 9	22 29	0 52	3 57	2 37	24 7	0 20	10 50	1 50	32 54	15 46	20 27	20 12	5 31		n.a.	M 7
T 8	19 34	2 21	4 55	23 9	0 19	13 55	8 19	20 20	1 9	22 27	0 52	3 57	2 37	24 7	0 20	10 50	1 50	32 54	15 46	20 25	20 11	5 34		n.a.	T 8
W 9	19 20	2s 3	4 35	23 13	0 32	14 1	8 17	20 10	1 9	22 25	0 52	3 57	2 38	24 7	0 20	10 50	1 50	32 54	15 46	20 23	20 11	5 36		n.a.	W 9
T 10	19 5	6 20	4 2	23 15	0 44	14 7	8 14	20 0	1 8	22 23	0 52	3 57	2 38	24 7	0 20	10 50	1 50	32 55	15 47	20 21	20 10	5 38		n.a.	T 10
F 11	18 51	10 23	3 20	23 14	0 55	14 14	8 11	19 50	1 8	22 20	0 52	3 56	2 38	24 7	0 20	10 51	1 50	32 55	15 47	20 20	20 9	5 40		n.a.	F 11
S 12	18 35	14 3	2 28	23 10	1 5	14 22	8 7	19 40	1 8	22 18	0 52	3 56	2 38	24 8	0 20	10 51	1 50	32 56	15 47	20 20	20 9	5 43		n.a.	S 12
S 13	18 20	17 10	1 30	23 4	1 14	14 29	8 2	19 29	1 8	22 16	0 53	3 56	2 39	24 8	0 20	10 51	1 49	32 56	15 47	20 20	20 8	5 45		n.a.	S 13
M14	18 4	19 36	0 26	22 55	1 22	14 37	7 57	19 18	1 8	22 13	0 53	3 55	2 39	24 8	0 20	10 51	1 49	32 57	15 47	20 20	20 7	5 47		n.a.	M14
T 15	17 48	21 9	0n40	22 43	1 29	14 45	7 51	19 8	1 8	22 11	0 53	3 55	2 39	24 8	0 20	10 52	1 49	32 57	15 47	20 20	20 6	5 49		n.a.	T 15
W16	17 31	21 40	1 46	22 29	1 35	14 53	7 44	18 57	1 8	22 9	0 53	3 54	2 39	24 8	0 20	10 52	1 49	32 57	15 47	20 20	20 6	5 52		n.a.	W16
T 17	17 14	20 59	2 49	22 12	1 40	15 1	7 37	18 45	1 8	22 6	0 53	3 54	2 40	24 8	0 20	10 52	1 49	32 58	15 47	20 19	20 5	5 54		n.a.	T 17
F 18	16 57	19 4	3 43	21 52	1 44	15 10	7 30	18 34	1 7	22 4	0 53	3 53	2 40	24 8	0 20	10 53	1 49	32 58	15 47	20 17	20 4	5 56		n.a.	F 18
S 19	16 40	15 56	4 26	21 31	1 47	15 18	7 22	18 23	1 7	22 2	0 53	3 53	2 40	24 8	0 20	10 53	1 49	32 58	15 47	20 15	20 3	5 58		n.a.	S 19
S 20	16 22	11 47	4 53	21 7	1 50	15 27	7 14	18 11	1 7	21 59	0 53	3 52	2 40	24 8	0 20	10 53	1 49	32 59	15 47	20 13	20 3	6 0		n.a.	S 20
M21	16 4	6 51	5 1	20 41	1 51	15 35	7 5	18 0	1 7	21 57	0 53	3 51	2 41	24 8	0 20	10 54	1 49	32 59	15 47	20 10	20 2	6 3		n.a.	M21
T 22	15 46	1 29	4 48	20 13	1 52	15 44	6 57	17 48	1 7	21 54	0 54	3 50	2 41	24 8	0 20	10 54	1 49	32 59	15 47	20 8	20 1	6 5		n.a.	T 22
W23	15 28	3n57	4 16	19 43	1 52	15 52	6 48	17 36	1 7	21 52	0 54	3 50	2 41	24 9	0 20	10 54	1 49	33 0	15 47	20 6	20 1	6 7		n.a.	W23
T 24	15 9	9 7	3 27	19 12	1 51	16 1	6 39	17 24	1 7	21 50	0 54	3 49	2 41	24 9	0 21	10 55	1 49	33 0	15 47	20 5	20 0	6 9		n.a.	T 24
F 25	14 50	13 40	2 26	18 39	1 50	16 9	6 29	17 12	1 6	21 47	0 54	3 48	2 42	24 9	0 21	10 55	1 49	33 0	15 47	20 4	19 59	6 11		n.a.	F 25
S 26	14 31	17 20	1 17	18 5	1 48	16 17	6 20	16 59	1 6	21 45	0 54	3 47	2 42	24 9	0 21	10 55	1 49	33 1	15 47	20 4	19 58	6 14		n.a.	S 26
S 27	14 11	19 56	0 5	17 29	1 46	16 25	6 10	16 47	1 6	21 42	0 54	3 46	2 42	24 9	0 21	10 56	1 49	33 1	15 46	20 4	19 58	6 16		n.a.	S 27
M28	13 51	21 19	1s 6	16 53	1 44	16 33	6 0	16 34	1 6	21 40	0 54	3 45	2 42	24 9	0 21	10 56	1 48	33 1	15 46	20 4	19 57	6 18		n.a.	M28
T 29	13 31	21 30	2 12	16 15	1 40	16 40	5 51	16 22	1 6	21 37	0 54	3 44	2 42	24 9	0 21	10 57	1 48	33 2	15 46	20 3	19 56	6 20		n.a.	T 29
W30	13 11	20 30	3 10	15 37	1 37	16 48	5 41	16 9	1 5	21 35	0 55	3 43	2 43	24 9	0 21	10 57	1 48	33 2	15 46	20 2	19 55	6 22		n.a.	W30
T 31	12n51	18n27	3s57	14n57	1n33	16n54	5s31	15n56	1n 5	21n32	0n55	3n42	2s43	24n 9	0n21	10s58	1n48	33s 2	15s46	20s 1	19s55	6s24		n.a.	T 31

Julian Day Number = 1300502.5, Delta T = 07h50m48s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'57, Lahiri = -19°51'57 Julian Calendar 1 Aug. 1153 BCE == Greg. Calendar 21 July 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

SEPTEMBER 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 58 32	27♌36'42	2♌18	26♌28	20♋ 2	21♌ 8	29♋26	15°R28	27♊34	2♏51	10°R16	27°R42	27♏24	6♎58	n.a.	F 1
S 2	22 2 29	28°36'13	14°45	28°13	20°26	21°48	29°38	15♈25	27°36	2°52	10♒15	27♏30	27°21	7° 5	n.a.	S 2
S 3	22 6 25	29°35'46	27° 2	29°56	20°51	22°28	29°50	15°22	27°39	2°54	10°14	27°16	27°18	7°11	n.a.	S 3
M 4	22 10 22	0♍35'22	9♍10	1♍39	21°19	23° 7	0♌ 2	15°20	27°41	2°55	10°13	27° 1	27°15	7°18	n.a.	M 4
T 5	22 14 18	1°34'59	21°10	3°22	21°48	23°47	0°14	15°17	27°43	2°56	10°12	26°48	27°11	7°25	n.a.	T 5
W 6	22 18 15	2°34'39	3♎ 4	5° 3	22°18	24°27	0°26	15°14	27°45	2°57	10°11	26°36	27° 8	7°32	n.a.	W 6
T 7	22 22 12	3°34'20	14°53	6°44	22°50	25° 7	0°38	15°11	27°47	2°59	10°10	26°27	27° 5	7°38	n.a.	T 7
F 8	22 26 8	4°34'04	26°41	8°24	23°24	25°47	0°50	15° 8	27°49	3° 0	10° 8	26°21	27° 2	7°45	n.a.	F 8
S 9	22 30 5	5°33'49	8♏31	10° 4	23°59	26°27	1° 2	15° 5	27°51	3° 1	10° 7	26°18	26°59	7°52	n.a.	S 9
S 10	22 34 1	6°33'36	20°27	11°42	24°35	27° 7	1°14	15° 2	27°53	3° 3	10° 6	26°17	26°55	7°58	n.a.	S 10
M11	22 37 58	7°33'26	2♐35	13°21	25°12	27°47	1°26	14°58	27°55	3° 4	10° 5	26°17	26°52	8° 5	n.a.	M11
T 12	22 41 54	8°33'17	15° 0	14°58	25°51	28°27	1°37	14°55	27°56	3° 6	10° 4	26°17	26°49	8°12	n.a.	T 12
W13	22 45 51	9°33'10	27°47	16°35	26°31	29° 7	1°49	14°51	27°58	3° 7	10° 3	26°15	26°46	8°18	n.a.	W13
T 14	22 49 47	10°33'04	11♑ 1	18°11	27°12	29°47	2° 0	14°48	28° 0	3° 9	10° 2	26°12	26°43	8°25	n.a.	T 14
F 15	22 53 44	11°33'01	24°45	19°47	27°54	0♍27	2°12	14°44	28° 1	3°10	10° 1	26° 6	26°40	8°32	n.a.	F 15
S 16	22 57 40	12°32'59	8♒59	21°22	28°37	1° 7	2°23	14°40	28° 3	3°12	10° 0	25°58	26°36	8°38	n.a.	S 16
S 17	23 1 37	13°33'00	23°40	22°57	29°22	1°47	2°35	14°37	28° 4	3°14	9°59	25°48	26°33	8°45	n.a.	S 17
M18	23 5 34	14°33'02	8♓42	24°31	0♌ 7	2°27	2°46	14°33	28° 6	3°15	9°58	25°37	26°30	8°52	n.a.	M18
T 19	23 9 30	15°33'06	23°55	26° 4	0°53	3° 8	2°57	14°29	28° 7	3°17	9°57	25°26	26°27	8°58	n.a.	T 19
W20	23 13 27	16°33'12	9♈ 8	27°37	1°41	3°48	3° 8	14°25	28° 9	3°19	9°56	25°18	26°24	9° 5	n.a.	W20
T 21	23 17 23	17°33'20	24°11	29°10	2°29	4°28	3°19	14°21	28°10	3°20	9°55	25°12	26°20	9°12	n.a.	T 21
F 22	23 21 20	18°33'30	8♉56	0♎42	3°18	5° 8	3°30	14°16	28°11	3°22	9°54	25° 9	26°17	9°19	n.a.	F 22
S 23	23 25 16	19°33'43	23°17	2°13	4° 8	5°49	3°41	14°12	28°13	3°24	9°53	25°D 8	26°14	9°25	n.a.	S 23
S 24	23 29 13	20°33'58	7♊13	3°45	4°58	6°29	3°52	14° 8	28°14	3°25	9°53	25° 8	26°11	9°32	n.a.	S 24
M25	23 33 9	21°34'15	20°45	5°15	5°50	7°10	4° 3	14° 4	28°15	3°27	9°52	25°R 8	26° 8	9°39	n.a.	M25
T 26	23 37 6	22°34'35	3♋55	6°45	6°42	7°50	4°13	13°59	28°16	3°29	9°51	25° 8	26° 5	9°45	n.a.	T 26
W27	23 41 3	23°34'56	16°47	8°15	7°35	8°31	4°24	13°55	28°17	3°31	9°50	25° 5	26° 1	9°52	n.a.	W27
T 28	23 44 59	24°35'20	29°22	9°44	8°29	9°11	4°34	13°50	28°18	3°33	9°49	25° 0	25°58	9°59	n.a.	T 28
F 29	23 48 56	25°35'46	11♌45	11°13	9°23	9°52	4°45	13°46	28°19	3°35	9°48	24°52	25°55	10° 5	n.a.	F 29
S 30	23 52 52	26♍36'13	23♌58	12♎41	10♌18	10♍32	4♌55	13♈41	28♊20	3♏36	9♒48	24♏42	25♏52	10♎12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n30	15n34	4s31	14n17	1n29	17n 1	5s21	15n43	1n 5	21n30	0n55	3n41	2s43	24n 9	0n21	10s58	1n48	33s 2	15s46	19s58	19s54	6s27		n.a.
S 2	12 9	12 1	4 52	13 36	1 24	17 7	5 11	15 29	1 5	21 27	0 55	3 40	2 43	24 9	0 21	10 59	1 48	33 3	15 46	19 55	19 53	6 29		n.a.
S 3	11 48	8 1	5 0	12 55	1 19	17 13	5 1	15 16	1 5	21 25	0 55	3 38	2 44	24 9	0 21	10 59	1 48	33 3	15 46	19 52	19 53	6 31		n.a.
M 4	11 27	3 45	4 53	12 13	1 14	17 19	4 51	15 3	1 5	21 22	0 55	3 37	2 44	24 9	0 21	11 0	1 48	33 3	15 46	19 49	19 52	6 33		n.a.
T 5	11 5	0s37	4 33	11 31	1 9	17 24	4 41	14 49	1 4	21 20	0 55	3 36	2 44	24 9	0 21	11 0	1 48	33 3	15 46	19 46	19 51	6 35		n.a.
W 6	10 43	4 56	4 2	10 48	1 4	17 29	4 31	14 35	1 4	21 17	0 56	3 35	2 44	24 9	0 21	11 1	1 48	33 4	15 46	19 43	19 50	6 38		n.a.
T 7	10 22	9 2	3 20	10 5	0 58	17 34	4 22	14 22	1 4	21 15	0 56	3 33	2 44	24 10	0 21	11 1	1 48	33 4	15 45	19 41	19 50	6 40		n.a.
F 8	10 0	12 46	2 30	9 21	0 52	17 38	4 12	14 8	1 4	21 12	0 56	3 32	2 45	24 10	0 21	11 2	1 48	33 4	15 45	19 39	19 49	6 42		n.a.
S 9	9 37	16 2	1 33	8 38	0 46	17 42	4 2	13 54	1 3	21 10	0 56	3 31	2 45	24 10	0 21	11 2	1 48	33 4	15 45	19 38	19 48	6 44		n.a.
S 10	9 15	18 39	0 31	7 54	0 40	17 45	3 52	13 40	1 3	21 7	0 56	3 29	2 45	24 10	0 21	11 3	1 48	33 4	15 45	19 38	19 47	6 46		n.a.
M11	8 52	20 28	0n33	7 10	0 34	17 47	3 43	13 26	1 3	21 5	0 56	3 28	2 45	24 10	0 21	11 3	1 48	33 5	15 45	19 38	19 47	6 48		n.a.
T 12	8 30	21 21	1 38	6 26	0 27	17 50	3 33	13 11	1 3	21 3	0 57	3 26	2 45	24 10	0 21	11 4	1 48	33 5	15 45	19 38	19 46	6 50		n.a.
W13	8 7	21 10	2 39	5 42	0 21	17 51	3 24	12 57	1 3	21 0	0 57	3 25	2 45	24 10	0 21	11 4	1 48	33 5	15 45	19 38	19 45	6 53		n.a.
T 14	7 44	19 49	3 34	4 58	0 14	17 53	3 15	12 42	1 2	20 58	0 57	3 23	2 46	24 10	0 21	11 5	1 48	33 5	15 44	19 37	19 44	6 55		n.a.
F 15	7 21	17 17	4 18	4 14	0 8	17 53	3 6	12 28	1 2	20 55	0 57	3 21	2 46	24 10	0 21	11 6	1 47	33 5	15 44	19 36	19 44	6 57		n.a.
S 16	6 58	13 40	4 49	3 30	0 1	17 54	2 57	12 13	1 2	20 53	0 57	3 20	2 46	24 10	0 21	11 6	1 47	33 5	15 44	19 34	19 43	6 59		n.a.
S 17	6 34	9 6	5 2	2 45	0s 6	17 53	2 48	11 58	1 2	20 50	0 57	3 18	2 46	24 10	0 21	11 7	1 47	33 6	15 44	19 31	19 42	7 1		n.a.
M18	6 11	3 54	4 54	2 2	0 12	17 52	2 39	11 43	1 1	20 48	0 58	3 17	2 46	24 10	0 21	11 7	1 47	33 6	15 44	19 29	19 41	7 3		n.a.
T 19	5 47	1n36	4 26	1 18	0 19	17 51	2 30	11 28	1 1	20 45	0 58	3 15	2 46	24 10	0 21	11 8	1 47	33 6	15 43	19 26	19 41	7 6		n.a.
W20	5 23	7 1	3 39	0 34	0 26	17 49	2 21	11 13	1 1	20 43	0 58	3 13	2 46	24 10	0 21	11 9	1 47	33 6	15 43	19 24	19 40	7 8		n.a.
T 21	5 0	11 57	2 37	0s 9	0 32	17 46	2 13	10 58	1 1	20 40	0 58	3 12	2 47	24 10	0 21	11 9	1 47	33 6	15 43	19 23	19 39	7 10		n.a.
F 22	4 36	16 3	1 25	0 53	0 39	17 43	2 4	10 43	1 0	20 38	0 58	3 10	2 47	24 10	0 21	11 10	1 47	33 6	15 43	19 22	19 38	7 12		n.a.
S 23	4 12	19 3	0 10	1 36	0 46	17 40	1 56	10 27	1 0	20 35	0 58	3 8	2 47	24 10	0 21	11 10	1 47	33 6	15 43	19 22	19 38	7 14		n.a.
S 24	3 48	20 49	1s 4	2 18	0 52	17 35	1 48	10 12	1 0	20 33	0 59	3 6	2 47	24 10	0 21	11 11	1 47	33 6	15 42	19 22	19 37	7 16		n.a.
M25	3 24	21 18	2 12	3 1	0 59	17 31	1 40	9 57	1 0	20 31	0 59	3 4	2 47	24 10	0 21	11 12	1 47	33 6	15 42	19 22	19 36	7 18		n.a.
T 26	3 0	20 35	3 12	3 43	1 5	17 25	1 32	9 41	0 59	20 28	0 59	3 3	2 47	24 11	0 21	11 12	1 47	33 6	15 42	19 22	19 35	7 20		n.a.
W27	2 35	18 48	4 0	4 25	1 12	17 19	1 24	9 25	0 59	20 26	0 59	3 1	2 47	24 11	0 21	11 13	1 47	33 6	15 42	19 21	19 35	7 23		n.a.
T 28	2 11	16 8	4 35	5 6	1 18	17 13	1 17	9 10	0 59	20 23	0 59	2 59	2 47	24 11	0 21	11 14	1 47	33 6	15 42	19 20	19 34	7 25		n.a.
F 29	1 47	12 48	4 57	5 47	1 24	17 5	1 9	8 54	0 58	20 21	1 0	2 57	2 47	24 11	0 21	11 14	1 47	33 6	15 41	19 18	19 33	7 27		n.a.
S 30	1n22	8n58	5s 4	6s28	1s30	16n58	1s 2	8n38	0n58	20n19	1n 0	2n55	2s47	24n11	0n22	11s15	1n47	33s 6	15s41	19s15	19s32	7s29		n.a.

Julian Day Number = 1300533.5, Delta T = 07h50m47s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'53, Lahiri = -19°51'53 Julian Calendar 1 Sept. 1153 BCE == Greg. Calendar 21 Aug. 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

OCTOBER 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 49	27♍36'43	6♍ 3	14♎ 8	11♌14	11♍13	5♌ 5	13°R36	28♊20	3♏38	9°R47	24°R31	25♏49	10♎19	n.a.	S 1
M 2	0 0 45	28°37'14	18° 2	15°36	12°10	11°54	5°15	13♈32	28°21	3°40	9♒46	24♏20	25°46	10°25	n.a.	M 2
T 3	0 4 42	29°37'47	29°56	17° 2	13° 7	12°34	5°25	13°27	28°22	3°42	9°45	24° 9	25°42	10°32	n.a.	T 3
W 4	0 8 38	0♎38'22	11♎47	18°28	14° 4	13°15	5°35	13°22	28°23	3°44	9°45	24° 0	25°39	10°39	n.a.	W 4
T 5	0 12 35	1°38'59	23°35	19°53	15° 2	13°56	5°45	13°17	28°23	3°46	9°44	23°53	25°36	10°45	n.a.	T 5
F 6	0 16 31	2°39'37	5♏24	21°18	16° 0	14°37	5°55	13°13	28°24	3°48	9°43	23°48	25°33	10°52	n.a.	F 6
S 7	0 20 28	3°40'17	17°16	22°41	16°59	15°18	6° 4	13° 8	28°24	3°50	9°43	23°46	25°30	10°59	n.a.	S 7
S 8	0 24 25	4°40'58	29°14	24° 4	17°58	15°58	6°14	13° 3	28°24	3°52	9°42	23°D46	25°26	11° 6	n.a.	S 8
M 9	0 28 21	5°41'41	11♐22	25°26	18°58	16°39	6°23	12°58	28°25	3°54	9°41	23°47	25°23	11°12	n.a.	M 9
T 10	0 32 18	6°42'24	23°45	26°46	19°59	17°20	6°33	12°53	28°25	3°56	9°41	23°49	25°20	11°19	n.a.	T 10
W11	0 36 14	7°43'10	6♑28	28° 6	20°59	18° 1	6°42	12°48	28°25	3°58	9°40	23°R49	25°17	11°26	n.a.	W11
T 12	0 40 11	8°43'56	19°35	29°24	22° 0	18°42	6°51	12°43	28°26	4° 0	9°40	23°49	25°14	11°32	n.a.	T 12
F 13	0 44 7	9°44'44	3♒ 9	0♏40	23° 2	19°23	7° 0	12°38	28°26	4° 3	9°39	23°46	25°11	11°39	n.a.	F 13
S 14	0 48 4	10°45'32	17°13	1°55	24° 4	20° 4	7° 9	12°33	28°26	4° 5	9°39	23°42	25° 7	11°46	n.a.	S 14
S 15	0 52 0	11°46'22	1♓45	3° 8	25° 6	20°45	7°17	12°28	28°R26	4° 7	9°38	23°36	25° 4	11°52	n.a.	S 15
M16	0 55 57	12°47'13	16°41	4°18	26° 9	21°27	7°26	12°23	28°26	4° 9	9°38	23°30	25° 1	11°59	n.a.	M16
T 17	0 59 54	13°48'05	1♈54	5°26	27°12	22° 8	7°34	12°18	28°26	4°11	9°37	23°24	24°58	12° 6	n.a.	T 17
W18	1 3 50	14°48'59	17°13	6°31	28°16	22°49	7°43	12°13	28°25	4°13	9°37	23°18	24°55	12°12	n.a.	W18
T 19	1 7 47	15°49'53	2♉27	7°32	29°20	23°30	7°51	12° 8	28°25	4°15	9°37	23°15	24°51	12°19	n.a.	T 19
F 20	1 11 43	16°50'49	17°26	8°30	0♍24	24°12	7°59	12° 3	28°25	4°18	9°36	23°D13	24°48	12°26	n.a.	F 20
S 21	1 15 40	17°51'47	2♊ 4	9°23	1°28	24°53	8° 7	11°58	28°25	4°20	9°36	23°14	24°45	12°32	n.a.	S 21
S 22	1 19 36	18°52'46	16°15	10°11	2°33	25°34	8°15	11°53	28°24	4°22	9°36	23°15	24°42	12°39	n.a.	S 22
M23	1 23 33	19°53'46	29°58	10°53	3°38	26°16	8°23	11°49	28°24	4°24	9°35	23°16	24°39	12°46	n.a.	M23
T 24	1 27 29	20°54'48	13♋15	11°29	4°44	26°57	8°30	11°44	28°23	4°26	9°35	23°18	24°36	12°52	n.a.	T 24
W25	1 31 26	21°55'52	26° 8	11°58	5°50	27°39	8°38	11°39	28°23	4°29	9°35	23°R18	24°32	12°59	n.a.	W25
T 26	1 35 23	22°56'56	8♌42	12°19	6°56	28°20	8°45	11°34	28°22	4°31	9°34	23°17	24°29	13° 6	n.a.	T 26
F 27	1 39 19	23°58'02	21° 0	12°31	8° 2	29° 2	8°52	11°29	28°22	4°33	9°34	23°14	24°26	13°12	n.a.	F 27
S 28	1 43 16	24°59'09	3♍ 6	12°R34	9° 8	29°43	8°59	11°24	28°21	4°35	9°34	23°10	24°23	13°19	n.a.	S 28
S 29	1 47 12	26° 0'17	15° 3	12°26	10°15	0♎25	9° 6	11°20	28°20	4°37	9°34	23° 5	24°20	13°26	n.a.	S 29
M30	1 51 9	27° 1'26	26°56	12° 7	11°22	1° 6	9°13	11°15	28°19	4°40	9°34	23° 0	24°17	13°33	n.a.	M30
T 31	1 55 5	28♎ 2'36	8♎45	11♏37	12♍30	1♎48	9♌19	11♈10	28♊18	4♏42	9♒34	22♏56	24♏13	13♎39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	0n58	4n49	4s58	7s 8	1s36	16n49	0s54	8n22	0n58	20n16	1n 0	2n53	2s47	24n11	0n22	11s16	1n47	33s 6	15s41	19s13	19s31	7s31		n.a.	S 1
M 2	0 33	0 32	4 39	7 48	1 42	16 40	0 47	8 6	0 58	20 14	1 0	2 51	2 47	24 11	0 22	11 17	1 47	33 6	15 41	19 10	19 31	7 33		n.a.	M 2
T 3	0 9	3s45	4 8	8 27	1 47	16 31	0 40	7 50	0 57	20 12	1 0	2 50	2 48	24 11	0 22	11 17	1 47	33 6	15 40	19 7	19 30	7 35		n.a.	T 3
W 4	0s16	7 53	3 26	9 5	1 53	16 21	0 33	7 34	0 57	20 10	1 1	2 48	2 48	24 11	0 22	11 18	1 47	33 6	15 40	19 5	19 29	7 37		n.a.	W 4
T 5	0 40	11 42	2 35	9 43	1 58	16 10	0 27	7 17	0 57	20 7	1 1	2 46	2 48	24 11	0 22	11 19	1 47	33 6	15 40	19 3	19 28	7 39		n.a.	T 5
F 6	1 4	15 4	1 37	10 20	2 3	15 59	0 20	7 1	0 56	20 5	1 1	2 44	2 48	24 11	0 22	11 19	1 47	33 6	15 39	19 2	19 28	7 41		n.a.	F 6
S 7	1 29	17 49	0 35	10 56	2 7	15 47	0 13	6 45	0 56	20 3	1 1	2 42	2 48	24 11	0 22	11 20	1 46	33 6	15 39	19 1	19 27	7 44		n.a.	S 7
S 8	1 53	19 50	0n29	11 31	2 12	15 35	0 7	6 28	0 56	20 1	1 1	2 40	2 48	24 11	0 22	11 21	1 46	33 6	15 39	19 1	19 26	7 46		n.a.	S 8
M 9	2 18	20 58	1 34	12 5	2 16	15 22	0 1	6 12	0 55	19 58	1 2	2 38	2 48	24 11	0 22	11 22	1 46	33 6	15 39	19 2	19 25	7 48		n.a.	M 9
T 10	2 42	21 6	2 35	12 39	2 20	15 9	0n 5	5 55	0 55	19 56	1 2	2 36	2 48	24 11	0 22	11 22	1 46	33 6	15 38	19 2	19 25	7 50		n.a.	T 10
W11	3 7	20 10	3 30	13 11	2 23	14 55	0 11	5 39	0 55	19 54	1 2	2 34	2 48	24 11	0 22	11 23	1 46	33 6	15 38	19 2	19 24	7 52		n.a.	W11
T 12	3 31	18 9	4 17	13 42	2 26	14 40	0 17	5 22	0 54	19 52	1 2	2 32	2 48	24 11	0 22	11 24	1 46	33 6	15 38	19 2	19 23	7 54		n.a.	T 12
F 13	3 55	15 4	4 50	14 12	2 28	14 25	0 23	5 6	0 54	19 50	1 3	2 30	2 48	24 11	0 22	11 24	1 46	33 5	15 38	19 1	19 22	7 56		n.a.	F 13
S 14	4 20	11 2	5 8	14 41	2 31	14 9	0 28	4 49	0 54	19 48	1 3	2 28	2 48	24 11	0 22	11 25	1 46	33 5	15 37	19 0	19 21	7 58		n.a.	S 14
S 15	4 44	6 15	5 7	15 8	2 32	13 53	0 33	4 32	0 53	19 46	1 3	2 26	2 48	24 11	0 22	11 26	1 46	33 5	15 37	18 59	19 21	8 0		n.a.	S 15
M16	5 8	0 58	4 45	15 33	2 33	13 37	0 39	4 15	0 53	19 44	1 3	2 24	2 48	24 11	0 22	11 27	1 46	33 5	15 37	18 57	19 20	8 2		n.a.	M16
T 17	5 32	4n28	4 3	15 57	2 33	13 20	0 44	3 58	0 53	19 42	1 4	2 22	2 48	24 11	0 22	11 27	1 46	33 5	15 36	18 56	19 19	8 4		n.a.	T 17
W18	5 56	9 41	3 3	16 19	2 33	13 2	0 49	3 42	0 52	19 40	1 4	2 21	2 48	24 11	0 22	11 28	1 46	33 5	15 36	18 54	19 18	8 6		n.a.	W18
T 19	6 20	14 15	1 51	16 38	2 32	12 44	0 54	3 25	0 52	19 38	1 4	2 19	2 47	24 11	0 22	11 29	1 46	33 4	15 36	18 53	19 18	8 8		n.a.	T 19
F 20	6 43	17 49	0 32	16 56	2 30	12 25	0 58	3 8	0 51	19 36	1 4	2 17	2 47	24 11	0 22	11 30	1 46	33 4	15 35	18 53	19 17	8 11		n.a.	F 20
S 21	7 7	20 8	0s48	17 10	2 27	12 6	1 3	2 51	0 51	19 34	1 4	2 15	2 47	24 11	0 22	11 31	1 46	33 4	15 35	18 53	19 16	8 13		n.a.	S 21
S 22	7 31	21 5	2 3	17 23	2 24	11 47	1 7	2 34	0 51	19 32	1 5	2 13	2 47	24 11	0 22	11 31	1 46	33 4	15 35	18 53	19 15	8 15		n.a.	S 22
M23	7 54	20 42	3 7	17 32	2 19	11 27	1 12	2 17	0 50	19 31	1 5	2 11	2 47	24 11	0 22	11 32	1 46	33 4	15 34	18 54	19 14	8 17		n.a.	M23
T 24	8 18	19 11	4 0	17 37	2 13	11 6	1 16	2 0	0 50	19 29	1 5	2 9	2 47	24 11	0 22	11 33	1 46	33 3	15 34	18 54	19 14	8 19		n.a.	T 24
W25	8 41	16 42	4 39	17 39	2 5	10 45	1 20	1 42	0 50	19 27	1 5	2 7	2 47	24 11	0 22	11 34	1 46	33 3	15 34	18 54	19 13	8 21		n.a.	W25
T 26	9 4	13 30	5 3	17 38	1 56	10 24	1 24	1 25	0 49	19 25	1 6	2 6	2 47	24 11	0 22	11 34	1 46	33 3	15 33	18 54	19 12	8 23		n.a.	T 26
F 27	9 27	9 47	5 13	17 32	1 46	10 2	1 27	1 8	0 49	19 24	1 6	2 4	2 47	24 12	0 22	11 35	1 46	33 3	15 33	18 53	19 11	8 25		n.a.	F 27
S 28	9 50	5 45	5 9	17 21	1 35	9 40	1 31	0 51	0 48	19 22	1 6	2 2	2 47	24 12	0 22	11 36	1 46	33 2	15 33	18 52	19 10	8 27		n.a.	S 28
S 29	10 12	1 31	4 51	17 6	1 21	9 18	1 34	0 34	0 48	19 20	1 7	2 0	2 47	24 12	0 22	11 37	1 46	33 2	15 32	18 51	19 10	8 29		n.a.	S 29
M30	10 35	2s44	4 20	16 46	1 6	8 55	1 38	0 17	0 48	19 19	1 7	1 59	2 46	24 12	0 22	11 37	1 46	33 2	15 32	18 50	19 9	8 31		n.a.	M30
T 31	10s57	6s52	3s39	16s21	0s50	8n32	1n41	0s 1	0n47	19n17	1n 7	1n57	2s46	24n12	0n22	11s38	1n46	33s 2	15s32	18s48	19s 8	8s33		n.a.	T 31

Julian Day Number = 1300563.5, Delta T = 07h50m45s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'49, Lahiri = -19°51'49 Julian Calendar 1 Oct. 1153 BCE == Greg. Calendar 20 Sept. 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

NOVEMBER 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 59 2	29♎ 3'47	20♎35	10°R55	13♍37	2♎30	9♌26	11°R 6	28°R17	4♏44	9°R34	22°R52	24♏10	13♎46	n.a.	W 1
T 2	2 2 58	0♏ 4'59	2♏25	10♏ 2	14°45	3°12	9°32	11♈ 1	28♊17	4°47	9♒34	22♏49	24° 7	13°53	n.a.	T 2
F 3	2 6 55	1° 6'12	14°20	9° 0	15°53	3°53	9°38	10°57	28°15	4°49	9°34	22°48	24° 4	13°59	n.a.	F 3
S 4	2 10 52	2° 7'25	26°19	7°49	17° 1	4°35	9°44	10°52	28°14	4°51	9°D34	22°D47	24° 1	14° 6	n.a.	S 4
S 5	2 14 48	3° 8'39	8♐26	6°31	18° 9	5°17	9°50	10°48	28°13	4°53	9°34	22°48	23°57	14°13	n.a.	S 5
M 6	2 18 45	4° 9'54	20°43	5°10	19°18	5°59	9°56	10°43	28°12	4°56	9°34	22°50	23°54	14°19	n.a.	M 6
T 7	2 22 41	5°11'09	3♑13	3°47	20°26	6°41	10° 1	10°39	28°11	4°58	9°34	22°51	23°51	14°26	n.a.	T 7
W 8	2 26 38	6°12'24	15°59	2°26	21°35	7°23	10° 7	10°35	28°10	5° 0	9°34	22°52	23°48	14°33	n.a.	W 8
T 9	2 30 34	7°13'39	29° 4	1° 9	22°44	8° 5	10°12	10°31	28° 8	5° 2	9°34	22°53	23°45	14°39	n.a.	T 9
F 10	2 34 31	8°14'55	12♒30	29♎58	23°54	8°47	10°17	10°27	28° 7	5° 5	9°34	22°R53	23°42	14°46	n.a.	F 10
S 11	2 38 28	9°16'11	26°21	28°56	25° 3	9°29	10°22	10°22	28° 6	5° 7	9°34	22°53	23°38	14°53	n.a.	S 11
S 12	2 42 24	10°17'26	10♓35	28° 3	26°12	10°11	10°26	10°19	28° 4	5° 9	9°34	22°52	23°35	14°59	n.a.	S 12
M13	2 46 21	11°18'42	25°12	27°21	27°22	10°53	10°31	10°15	28° 3	5°11	9°35	22°50	23°32	15° 6	n.a.	M13
T 14	2 50 17	12°19'58	10♈ 6	26°50	28°32	11°35	10°35	10°11	28° 1	5°14	9°35	22°49	23°29	15°13	n.a.	T 14
W15	2 54 14	13°21'14	25°10	26°30	29°42	12°18	10°39	10° 7	27°59	5°16	9°35	22°48	23°26	15°19	n.a.	W15
T 16	2 58 10	14°22'30	10♉16	26°D20	0♎52	13° 0	10°43	10° 3	27°58	5°18	9°35	22°47	23°23	15°26	n.a.	T 16
F 17	3 2 7	15°23'47	25°15	26°20	2° 2	13°42	10°47	10° 0	27°56	5°20	9°36	22°D47	23°19	15°33	n.a.	F 17
S 18	3 6 3	16°25'03	9♊57	26°29	3°13	14°24	10°51	9°56	27°54	5°23	9°36	22°47	23°16	15°39	n.a.	S 18
S 19	3 10 0	17°26'20	24°18	26°47	4°23	15° 7	10°54	9°53	27°53	5°25	9°37	22°48	23°13	15°46	n.a.	S 19
M20	3 13 57	18°27'38	8♋13	27°13	5°34	15°49	10°58	9°50	27°51	5°27	9°37	22°48	23°10	15°53	n.a.	M20
T 21	3 17 53	19°28'55	21°40	27°45	6°45	16°32	11° 1	9°46	27°49	5°29	9°37	22°49	23° 7	15°59	n.a.	T 21
W22	3 21 50	20°30'13	4♌42	28°23	7°56	17°14	11° 4	9°43	27°47	5°32	9°38	22°49	23° 3	16° 6	n.a.	W22
T 23	3 25 46	21°31'31	17°21	29° 8	9° 7	17°56	11° 6	9°40	27°45	5°34	9°38	22°49	23° 0	16°13	n.a.	T 23
F 24	3 29 43	22°32'49	29°41	29°57	10°18	18°39	11° 9	9°37	27°43	5°36	9°39	22°49	22°57	16°19	n.a.	F 24
S 25	3 33 39	23°34'07	11♍46	0♏50	11°29	19°22	11°11	9°34	27°41	5°38	9°39	22°49	22°54	16°26	n.a.	S 25
S 26	3 37 36	24°35'25	23°41	1°48	12°40	20° 4	11°13	9°32	27°39	5°40	9°40	22°49	22°51	16°33	n.a.	S 26
M27	3 41 32	25°36'43	5♎31	2°48	13°52	20°47	11°15	9°29	27°37	5°42	9°40	22°49	22°48	16°39	n.a.	M27
T 28	3 45 29	26°38'01	17°19	3°52	15° 3	21°29	11°17	9°26	27°35	5°45	9°41	22°50	22°44	16°46	n.a.	T 28
W29	3 49 26	27°39'19	29° 9	4°59	16°15	22°12	11°19	9°24	27°33	5°47	9°41	22°50	22°41	16°53	n.a.	W29
T 30	3 53 22	28♏40'37	11♏ 4	6♏ 8	17♎27	22♎55	11♌20	9♈22	27♊31	5♏49	9♒42	22♏51	22♏38	16♎59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s19	10s45	2s48	15s51	0s32	8n 8	1n44	0s18	0n47	19n16	1n 7	1n55	2s46	24n12	0n22	11s39	1n46	33s 1	15s31	18s47	19s 7	8s35		n.a.
T 2	11 41	14 14	1 50	15 17	0 13	7 44	1 47	0 35	0 46	19 14	1 8	1 53	2 46	24 12	0 22	11 40	1 46	33 1	15 31	18 47	19 6	8 37		n.a.
F 3	12 3	17 8	0 47	14 38	0n 7	7 20	1 50	0 52	0 46	19 13	1 8	1 52	2 46	24 12	0 22	11 41	1 46	33 1	15 31	18 46	19 6	8 39		n.a.
S 4	12 24	19 20	0n19	13 55	0 27	6 56	1 52	1 10	0 45	19 12	1 8	1 50	2 46	24 12	0 23	11 41	1 46	33 0	15 30	18 46	19 5	8 41		n.a.
S 5	12 46	20 40	1 25	13 10	0 48	6 31	1 55	1 27	0 45	19 10	1 8	1 49	2 46	24 12	0 23	11 42	1 46	33 0	15 30	18 46	19 4	8 43		n.a.
M 6	13 7	21 2	2 28	12 24	1 8	6 6	1 57	1 44	0 44	19 9	1 9	1 47	2 45	24 12	0 23	11 43	1 46	33 0	15 30	18 47	19 3	8 45		n.a.
T 7	13 28	20 22	3 26	11 37	1 27	5 40	1 59	2 1	0 44	19 8	1 9	1 45	2 45	24 12	0 23	11 44	1 46	32 59	15 29	18 47	19 2	8 47		n.a.
W 8	13 48	18 39	4 14	10 53	1 45	5 15	2 1	2 19	0 44	19 7	1 9	1 44	2 45	24 12	0 23	11 44	1 46	32 59	15 29	18 48	19 2	8 49		n.a.
T 9	14 9	15 57	4 50	10 10	2 1	4 49	2 3	2 36	0 43	19 5	1 10	1 42	2 45	24 12	0 23	11 45	1 46	32 59	15 29	18 48	19 1	8 51		n.a.
F 10	14 29	12 21	5 12	9 32	2 15	4 23	2 5	2 53	0 43	19 4	1 10	1 41	2 45	24 12	0 23	11 46	1 46	32 58	15 28	18 48	19 0	8 53		n.a.
S 11	14 49	7 59	5 16	8 59	2 27	3 56	2 7	3 10	0 42	19 3	1 10	1 40	2 44	24 12	0 23	11 47	1 46	32 58	15 28	18 48	18 59	8 55		n.a.
S 12	15 9	3 4	5 2	8 31	2 37	3 30	2 9	3 28	0 42	19 2	1 10	1 38	2 44	24 12	0 23	11 48	1 46	32 58	15 28	18 47	18 58	8 57		n.a.
M13	15 28	2n 9	4 28	8 9	2 44	3 3	2 10	3 45	0 41	19 1	1 11	1 37	2 44	24 12	0 23	11 48	1 46	32 57	15 27	18 47	18 58	8 59		n.a.
T 14	15 47	7 21	3 36	7 53	2 50	2 36	2 12	4 2	0 41	19 0	1 11	1 35	2 44	24 12	0 23	11 49	1 46	32 57	15 27	18 47	18 57	9 1		n.a.
W15	16 6	12 11	2 27	7 42	2 53	2 9	2 13	4 19	0 40	18 59	1 11	1 34	2 44	24 12	0 23	11 50	1 46	32 56	15 27	18 46	18 56	9 3		n.a.
T 16	16 25	16 14	1 9	7 37	2 55	1 41	2 14	4 36	0 40	18 59	1 12	1 33	2 43	24 12	0 23	11 51	1 46	32 56	15 26	18 46	18 55	9 5		n.a.
F 17	16 43	19 10	0s14	7 37	2 55	1 14	2 15	4 53	0 39	18 58	1 12	1 32	2 43	24 12	0 23	11 51	1 46	32 56	15 26	18 46	18 54	9 7		n.a.
S 18	17 1	20 45	1 34	7 41	2 54	0 46	2 16	5 11	0 39	18 57	1 12	1 31	2 43	24 12	0 23	11 52	1 46	32 55	15 26	18 46	18 54	9 9		n.a.
S 19	17 19	20 56	2 46	7 50	2 52	0 19	2 17	5 28	0 38	18 56	1 12	1 29	2 43	24 12	0 23	11 53	1 46	32 55	15 25	18 46	18 53	9 11		n.a.
M20	17 36	19 48	3 47	8 2	2 48	0s 9	2 17	5 45	0 38	18 56	1 13	1 28	2 42	24 12	0 23	11 54	1 46	32 54	15 25	18 46	18 52	9 13		n.a.
T 21	17 53	17 34	4 32	8 18	2 44	0 37	2 18	6 2	0 37	18 55	1 13	1 27	2 42	24 12	0 23	11 54	1 46	32 54	15 25	18 47	18 51	9 15		n.a.
W22	18 10	14 31	5 2	8 36	2 39	1 5	2 18	6 19	0 37	18 55	1 13	1 26	2 42	24 12	0 23	11 55	1 46	32 53	15 24	18 47	18 50	9 17		n.a.
T 23	18 26	10 52	5 17	8 57	2 33	1 33	2 18	6 36	0 36	18 54	1 14	1 25	2 42	24 12	0 23	11 56	1 46	32 53	15 24	18 47	18 50	9 19		n.a.
F 24	18 42	6 51	5 16	9 21	2 27	2 1	2 19	6 53	0 35	18 54	1 14	1 24	2 41	24 12	0 23	11 56	1 46	32 52	15 24	18 47	18 49	9 21		n.a.
S 25	18 58	2 38	5 1	9 46	2 21	2 30	2 19	7 10	0 35	18 53	1 14	1 23	2 41	24 12	0 23	11 57	1 46	32 52	15 23	18 47	18 48	9 23		n.a.
S 26	19 14	1s37	4 33	10 12	2 14	2 58	2 19	7 26	0 34	18 53	1 15	1 23	2 41	24 12	0 23	11 58	1 46	32 52	15 23	18 47	18 47	9 25		n.a.
M27	19 29	5 48	3 54	10 40	2 6	3 26	2 19	7 43	0 34	18 53	1 15	1 22	2 41	24 12	0 23	11 59	1 46	32 51	15 23	18 47	18 46	9 27		n.a.
T 28	19 43	9 45	3 5	11 9	1 59	3 54	2 18	8 0	0 33	18 53	1 15	1 21	2 40	24 12	0 23	11 59	1 46	32 51	15 22	18 47	18 45	9 29		n.a.
W29	19 58	13 20	2 8	11 39	1 51	4 22	2 18	8 17	0 33	18 52	1 16	1 20	2 40	24 12	0 23	12 0	1 46	32 50	15 22	18 47	18 45	9 31		n.a.
T 30	20s11	16s25	1s 5	12s 9	1n44	4s51	2n18	8s33	0n32	18n52	1n16	1n20	2s40	24n12	0n23	12s 1	1n46	32s50	15s22	18s47	18s44	9s33		n.a.

Julian Day Number = 1300594.5, Delta T = 07h50m44s
Ecliptic obliquity = 23°49'50, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'45, Lahiri = -19°51'44 Julian Calendar 1 Nov. 1153 BCE == Greg. Calendar 21 Oct. 1153 BCE

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ASTRODIENST EPHEMERIS for the year 1153 BCE
geocentric

DECEMBER 1153 BCE (-1152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 57 19	29♏41'55	23♏ 7	7♏19	18♎38	23♎38	11♌22	9°R19	27°R28	5♏51	9♒43	22°R51	22♏35	17♎ 6	n.a.	F 1
S 2	4 1 15	0♐43'12	5♐18	8°32	19°50	24°20	11°23	9♈17	27♊26	5°53	9°43	22♏51	22°32	17°13	n.a.	S 2
S 3	4 5 12	1°44'29	17°41	9°47	21° 2	25° 3	11°24	9°15	27°24	5°55	9°44	22°50	22°29	17°19	n.a.	S 3
M 4	4 9 8	2°45'45	0♑15	11° 4	22°14	25°46	11°24	9°13	27°22	5°57	9°45	22°49	22°25	17°26	n.a.	M 4
T 5	4 13 5	3°47'01	13° 2	12°22	23°26	26°29	11°25	9°11	27°19	5°59	9°46	22°47	22°22	17°33	n.a.	T 5
W 6	4 17 2	4°48'15	26° 2	13°41	24°38	27°12	11°25	9°10	27°17	6° 1	9°46	22°46	22°19	17°39	n.a.	W 6
T 7	4 20 58	5°49'29	9♒17	15° 2	25°51	27°55	11°R25	9° 8	27°15	6° 3	9°47	22°44	22°16	17°46	n.a.	T 7
F 8	4 24 55	6°50'42	22°47	16°24	27° 3	28°38	11°25	9° 6	27°12	6° 6	9°48	22°43	22°13	17°53	n.a.	F 8
S 9	4 28 51	7°51'54	6♓33	17°46	28°15	29°21	11°25	9° 5	27°10	6° 8	9°49	22°D43	22° 9	17°59	n.a.	S 9
S 10	4 32 48	8°53'05	20°34	19°10	29°28	0♏ 4	11°24	9° 4	27° 7	6° 9	9°50	22°43	22° 6	18° 6	n.a.	S 10
M11	4 36 44	9°54'15	4♈50	20°34	0♏40	0°47	11°23	9° 3	27° 5	6°11	9°50	22°44	22° 3	18°13	n.a.	M11
T 12	4 40 41	10°55'23	19°19	22° 0	1°52	1°30	11°23	9° 2	27° 2	6°13	9°51	22°45	22° 0	18°20	n.a.	T 12
W13	4 44 37	11°56'31	3♉56	23°26	3° 5	2°13	11°21	9° 1	27° 0	6°15	9°52	22°46	21°57	18°26	n.a.	W13
T 14	4 48 34	12°57'38	18°38	24°53	4°18	2°56	11°20	9° 0	26°57	6°17	9°53	22°R47	21°54	18°33	n.a.	T 14
F 15	4 52 31	13°58'43	3♊17	26°20	5°30	3°39	11°19	8°59	26°55	6°19	9°54	22°47	21°50	18°40	n.a.	F 15
S 16	4 56 27	14°59'48	17°47	27°49	6°43	4°23	11°17	8°58	26°52	6°21	9°55	22°45	21°47	18°46	n.a.	S 16
S 17	5 0 24	16° 0'51	2♋ 2	29°18	7°56	5° 6	11°15	8°58	26°50	6°23	9°56	22°43	21°44	18°53	n.a.	S 17
M18	5 4 20	17° 1'54	15°57	0♐48	9° 8	5°49	11°13	8°58	26°47	6°25	9°57	22°39	21°41	19° 0	n.a.	M18
T 19	5 8 17	18° 2'56	29°28	2°18	10°21	6°33	11°11	8°57	26°45	6°27	9°58	22°35	21°38	19° 6	n.a.	T 19
W20	5 12 13	19° 3'56	12♌36	3°49	11°34	7°16	11° 9	8°57	26°42	6°28	9°59	22°31	21°35	19°13	n.a.	W20
T 21	5 16 10	20° 4'56	25°20	5°21	12°47	7°59	11° 6	8°D57	26°39	6°30	10° 0	22°28	21°31	19°20	n.a.	T 21
F 22	5 20 7	21° 5'55	7♍45	6°54	14° 0	8°43	11° 3	8°57	26°37	6°32	10° 1	22°26	21°28	19°26	n.a.	F 22
S 23	5 24 3	22° 6'53	19°53	8°27	15°13	9°26	11° 0	8°57	26°34	6°34	10° 2	22°D25	21°25	19°33	n.a.	S 23
S 24	5 28 0	23° 7'50	1♎49	10° 1	16°26	10°10	10°57	8°58	26°32	6°35	10° 4	22°25	21°22	19°40	n.a.	S 24
M25	5 31 56	24° 8'46	13°39	11°35	17°39	10°53	10°54	8°58	26°29	6°37	10° 5	22°27	21°19	19°46	n.a.	M25
T 26	5 35 53	25° 9'41	25°27	13°11	18°52	11°37	10°50	8°59	26°26	6°39	10° 6	22°28	21°15	19°53	n.a.	T 26
W27	5 39 49	26°10'34	7♏19	14°47	20° 5	12°20	10°47	8°59	26°24	6°40	10° 7	22°30	21°12	20° 0	n.a.	W27
T 28	5 43 46	27°11'27	19°18	16°23	21°18	13° 4	10°43	9° 0	26°21	6°42	10° 8	22°R31	21° 9	20° 6	n.a.	T 28
F 29	5 47 42	28°12'19	1♐29	18° 1	22°31	13°47	10°39	9° 1	26°19	6°44	10° 9	22°31	21° 6	20°13	n.a.	F 29
S 30	5 51 39	29°13'09	13°53	19°39	23°45	14°31	10°35	9° 2	26°16	6°45	10°11	22°29	21° 3	20°20	n.a.	S 30
S 31	5 55 36	0♑13'57	26♐32	21♐18	24♏58	15♏15	10♌30	9♈ 3	26♊13	6♏47	10♒12	22♏25	21♏ 0	20♎26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s25	18s50	0n 1	12s41	1n36	5s19	2n17	8s50	0n32	18n52	1n16	1n19	2s39	24n12	0n23	12s 1	1n46	32s49	15s22	18s47	18s43	9s35		n.a.
S 2	20 38	20 25	1 9	13 12	1 28	5 47	2 16	9 6	0 31	18 52	1 16	1 18	2 39	24 11	0 23	12 2	1 46	32 49	15 21	18 47	18 42	9 37		n.a.
S 3	20 51	21 2	2 14	13 44	1 20	6 15	2 16	9 23	0 30	18 52	1 17	1 18	2 39	24 11	0 23	12 3	1 46	32 48	15 21	18 47	18 41	9 39		n.a.
M 4	21 3	20 37	3 13	14 16	1 11	6 43	2 15	9 39	0 30	18 52	1 17	1 17	2 39	24 11	0 23	12 3	1 46	32 48	15 21	18 47	18 41	9 41		n.a.
T 5	21 15	19 8	4 4	14 48	1 3	7 11	2 14	9 56	0 29	18 53	1 17	1 17	2 38	24 11	0 23	12 4	1 46	32 47	15 20	18 46	18 40	9 42		n.a.
W 6	21 27	16 39	4 43	15 20	0 55	7 39	2 13	10 12	0 29	18 53	1 18	1 16	2 38	24 11	0 23	12 5	1 46	32 47	15 20	18 46	18 39	9 44		n.a.
T 7	21 38	13 16	5 8	15 51	0 47	8 6	2 12	10 28	0 28	18 53	1 18	1 16	2 38	24 11	0 23	12 5	1 46	32 46	15 20	18 45	18 38	9 46		n.a.
F 8	21 48	9 10	5 17	16 23	0 39	8 34	2 11	10 44	0 27	18 53	1 18	1 16	2 37	24 11	0 23	12 6	1 46	32 46	15 19	18 45	18 37	9 48		n.a.
S 9	21 59	4 30	5 8	16 54	0 32	9 1	2 9	11 0	0 27	18 54	1 19	1 15	2 37	24 11	0 23	12 7	1 46	32 45	15 19	18 45	18 36	9 50		n.a.
S 10	22 8	0n29	4 40	17 25	0 24	9 28	2 8	11 16	0 26	18 54	1 19	1 15	2 37	24 11	0 23	12 7	1 46	32 45	15 19	18 45	18 36	9 52		n.a.
M11	22 18	5 32	3 55	17 56	0 16	9 55	2 6	11 32	0 25	18 55	1 19	1 15	2 37	24 11	0 23	12 8	1 46	32 44	15 19	18 45	18 35	9 54		n.a.
T 12	22 27	10 22	2 55	18 26	0 8	10 22	2 5	11 48	0 25	18 55	1 20	1 15	2 36	24 11	0 23	12 9	1 46	32 43	15 18	18 46	18 34	9 56		n.a.
W13	22 35	14 38	1 42	18 55	0 1	10 49	2 3	12 4	0 24	18 56	1 20	1 15	2 36	24 11	0 23	12 9	1 46	32 43	15 18	18 46	18 33	9 58		n.a.
T 14	22 43	18 1	0 23	19 24	0s 6	11 15	2 2	12 19	0 23	18 57	1 20	1 15	2 36	24 11	0 23	12 10	1 46	32 42	15 18	18 46	18 32	10 0		n.a.
F 15	22 51	20 13	0s58	19 52	0 14	11 41	2 0	12 35	0 23	18 57	1 21	1 15	2 35	24 11	0 23	12 10	1 46	32 42	15 17	18 46	18 31	10 2		n.a.
S 16	22 58	21 2	2 14	20 20	0 21	12 7	1 58	12 50	0 22	18 58	1 21	1 15	2 35	24 11	0 23	12 11	1 46	32 41	15 17	18 46	18 31	10 4		n.a.
S 17	23 5	20 29	3 20	20 47	0 28	12 33	1 56	13 6	0 21	18 59	1 21	1 15	2 35	24 11	0 23	12 12	1 46	32 41	15 17	18 45	18 30	10 5		n.a.
M18	23 11	18 41	4 12	21 13	0 34	12 58	1 54	13 21	0 21	19 0	1 21	1 15	2 34	24 11	0 23	12 12	1 46	32 40	15 17	18 44	18 29	10 7		n.a.
T 19	23 17	15 53	4 49	21 38	0 41	13 24	1 52	13 36	0 20	19 1	1 22	1 15	2 34	24 11	0 23	12 13	1 46	32 40	15 16	18 43	18 28	10 9		n.a.
W20	23 22	12 21	5 9	22 2	0 47	13 48	1 50	13 51	0 19	19 2	1 22	1 15	2 34	24 11	0 24	12 13	1 46	32 39	15 16	18 42	18 27	10 11		n.a.
T 21	23 27	8 22	5 14	22 25	0 54	14 13	1 48	14 6	0 19	19 3	1 22	1 16	2 33	24 11	0 24	12 14	1 47	32 39	15 16	18 41	18 26	10 13		n.a.
F 22	23 32	4 7	5 3	22 48	0 59	14 37	1 46	14 21	0 18	19 4	1 23	1 16	2 33	24 11	0 24	12 15	1 47	32 38	15 16	18 41	18 25	10 15		n.a.
S 23	23 35	0s12	4 39	23 9	1 5	15 1	1 43	14 36	0 17	19 5	1 23	1 16	2 33	24 11	0 24	12 15	1 47	32 37	15 15	18 40	18 25	10 17		n.a.
S 24	23 39	4 26	4 3	23 29	1 11	15 25	1 41	14 51	0 17	19 6	1 23	1 17	2 32	24 11	0 24	12 16	1 47	32 37	15 15	18 40	18 24	10 19		n.a.
M25	23 42	8 29	3 17	23 48	1 16	15 48	1 39	15 5	0 16	19 7	1 24	1 17	2 32	24 11	0 24	12 16	1 47	32 36	15 15	18 41	18 23	10 21		n.a.
T 26	23 44	12 13	2 23	24 6	1 21	16 10	1 36	15 19	0 15	19 8	1 24	1 18	2 32	24 10	0 24	12 17	1 47	32 36	15 15	18 41	18 22	10 22		n.a.
W27	23 46	15 28	1 22	24 22	1 26	16 33	1 34	15 34	0 14	19 10	1 24	1 18	2 31	24 10	0 24	12 17	1 47	32 35	15 14	18 42	18 21	10 24		n.a.
T 28	23 48	18 7	0 18	24 37	1 31	16 55	1 31	15 48	0 14	19 11	1 24	1 19	2 31	24 10	0 24	12 18	1 47	32 35	15 14	18 42	18 20	10 26		n.a.
F 29	23 49	20 0	0n49	24 51	1 35	17 16	1 29	16 2	0 13	19 12	1 25	1 20	2 31	24 10	0 24	12 18	1 47	32 34	15 14	18 42	18 20	10 28		n.a.
S 30	23 50	20 57	1 54	25 4	1 39	17 37	1 26	16 16	0 12	19 14	1 25	1 20	2 31	24 10	0 24	12 19	1 47	32 34	15 14	18 41	18 19	10 30		n.a.
S 31	23s50	20s52	2n55	25s15	1s43	17s58	1n24	16s30	0n11	19n15	1n25	1n21	2s30	24n10	0n24	12s19	1n47	32s33	15s14	18s40	18s18	10s32		n.a.

Julian Day Number = 1300624.5, Delta T = 07h50m42s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'41, Lahiri = -19°51'40 Julian Calendar 1 Dec. 1153 BCE == Greg. Calendar 20 Nov. 1153 BCE

The year -1152 astronomical counting style corresponds to year 1153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

JANUARY 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 59 32	1♉14'45	9♉28	22♐58	26♏11	15♏59	10°R26	9♈ 5	26°R11	6♏48	10♒13	22°R19	20♏56	20♎33	n.a.	M 1
T 2	6 3 29	2°15'31	22°39	24°38	27°24	16°42	10♌21	9° 6	26♊ 8	6°50	10°14	22♏12	20°53	20°40	n.a.	T 2
W 3	6 7 25	3°16'15	6♒ 3	26°20	28°37	17°26	10°16	9° 7	26° 5	6°51	10°16	22° 5	20°50	20°46	n.a.	W 3
T 4	6 11 22	4°16'57	19°40	28° 2	29°51	18°10	10°11	9° 9	26° 3	6°53	10°17	21°58	20°47	20°53	n.a.	T 4
F 5	6 15 18	5°17'37	3♓27	29°45	1♐ 4	18°54	10° 6	9°11	26° 0	6°54	10°18	21°53	20°44	21° 0	n.a.	F 5
S 6	6 19 15	6°18'16	17°22	1♉29	2°17	19°37	10° 1	9°12	25°58	6°55	10°19	21°49	20°40	21° 6	n.a.	S 6
S 7	6 23 11	7°18'52	1♈23	3°14	3°31	20°21	9°55	9°14	25°55	6°57	10°21	21°D47	20°37	21°13	n.a.	S 7
M 8	6 27 8	8°19'27	15°29	4°59	4°44	21° 5	9°49	9°16	25°53	6°58	10°22	21°47	20°34	21°20	n.a.	M 8
T 9	6 31 5	9°19'59	29°39	6°46	5°57	21°49	9°44	9°18	25°50	6°59	10°23	21°48	20°31	21°26	n.a.	T 9
W10	6 35 1	10°20'30	13♉52	8°33	7°11	22°33	9°38	9°21	25°47	7° 1	10°25	21°49	20°28	21°33	n.a.	W10
T 11	6 38 58	11°20'58	28° 5	10°21	8°24	23°17	9°32	9°23	25°45	7° 2	10°26	21°R49	20°25	21°40	n.a.	T 11
F 12	6 42 54	12°21'25	12♊16	12°11	9°37	24° 1	9°26	9°26	25°42	7° 3	10°28	21°48	20°21	21°46	n.a.	F 12
S 13	6 46 51	13°21'50	26°21	14° 1	10°51	24°45	9°19	9°28	25°40	7° 4	10°29	21°43	20°18	21°53	n.a.	S 13
S 14	6 50 47	14°22'12	10♋15	15°51	12° 4	25°29	9°13	9°31	25°38	7° 5	10°30	21°37	20°15	22° 0	n.a.	S 14
M15	6 54 44	15°22'33	23°56	17°43	13°18	26°13	9° 6	9°34	25°35	7° 7	10°32	21°28	20°12	22° 6	n.a.	M15
T 16	6 58 40	16°22'52	7♌19	19°35	14°31	26°57	9° 0	9°36	25°33	7° 8	10°33	21°18	20° 9	22°13	n.a.	T 16
W17	7 2 37	17°23'09	20°22	21°28	15°44	27°41	8°53	9°39	25°30	7° 9	10°35	21° 8	20° 6	22°20	n.a.	W17
T 18	7 6 34	18°23'25	3♍ 6	23°21	16°58	28°25	8°46	9°43	25°28	7°10	10°36	20°59	20° 2	22°26	n.a.	T 18
F 19	7 10 30	19°23'38	15°31	25°15	18°11	29°10	8°39	9°46	25°26	7°11	10°38	20°52	19°59	22°33	n.a.	F 19
S 20	7 14 27	20°23'50	27°41	27°10	19°25	29°54	8°32	9°49	25°23	7°12	10°39	20°47	19°56	22°40	n.a.	S 20
S 21	7 18 23	21°24'00	9♎38	29° 4	20°38	0♐38	8°25	9°52	25°21	7°13	10°41	20°44	19°53	22°46	n.a.	S 21
M22	7 22 20	22°24'09	21°29	0♒59	21°52	1°22	8°18	9°56	25°19	7°13	10°42	20°D43	19°50	22°53	n.a.	M22
T 23	7 26 16	23°24'15	3♏17	2°53	23° 5	2° 6	8°11	9°59	25°17	7°14	10°43	20°43	19°46	22°59	n.a.	T 23
W24	7 30 13	24°24'20	15°10	4°47	24°19	2°51	8° 3	10° 3	25°14	7°15	10°45	20°R44	19°43	23° 6	n.a.	W24
T 25	7 34 9	25°24'24	27°11	6°40	25°32	3°35	7°56	10° 7	25°12	7°16	10°46	20°44	19°40	23°13	n.a.	T 25
F 26	7 38 6	26°24'25	9♐26	8°32	26°46	4°19	7°49	10°11	25°10	7°17	10°48	20°42	19°37	23°19	n.a.	F 26
S 27	7 42 3	27°24'25	21°58	10°22	27°59	5° 4	7°41	10°15	25° 8	7°18	10°49	20°38	19°34	23°26	n.a.	S 27
S 28	7 45 59	28°24'22	4♉51	12°10	29°13	5°48	7°33	10°19	25° 6	7°18	10°51	20°31	19°31	23°33	n.a.	S 28
M29	7 49 56	29°24'18	18° 5	13°57	0♉26	6°32	7°26	10°23	25° 4	7°19	10°53	20°22	19°27	23°39	n.a.	M29
T 30	7 53 52	0♒24'12	1♒39	15°40	1°40	7°17	7°18	10°27	25° 2	7°20	10°54	20°11	19°24	23°46	n.a.	T 30
W31	7 57 49	1♒24'03	15♒30	17♒20	2♉53	8♐ 1	7♌10	10♈32	25♊ 0	7♏20	10♒56	19♏59	19♏21	23♎53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23 s49	19 s42	3n48	25 s24	1 s46	18 s18	1n21	16 s43	0n11	19n17	1n25	1n22	2 s30	24n10	0n24	12 s20	1n47	32 s32	15 s13	18 s39	18 s17	10 s34			n.a.
T 2	23 49	17 28	4 30	25 32	1 49	18 38	1 18	16 57	0 10	19 18	1 26	1 23	2 30	24 10	0 24	12 20	1 47	32 32	15 13	18 37	18 16	10 36			n.a.
W 3	23 47	14 16	4 57	25 38	1 52	18 57	1 15	17 10	0 9	19 20	1 26	1 24	2 29	24 10	0 24	12 20	1 47	32 31	15 13	18 35	18 15	10 37			n.a.
T 4	23 46	10 16	5 9	25 43	1 54	19 16	1 13	17 23	0 8	19 22	1 26	1 24	2 29	24 10	0 24	12 21	1 47	32 31	15 13	18 33	18 14	10 39			n.a.
F 5	23 43	5 42	5 3	25 46	1 56	19 34	1 10	17 36	0 8	19 23	1 27	1 25	2 29	24 10	0 24	12 21	1 47	32 30	15 13	18 32	18 14	10 41			n.a.
S 6	23 41	0 48	4 39	25 47	1 58	19 52	1 7	17 49	0 7	19 25	1 27	1 26	2 28	24 10	0 24	12 22	1 47	32 30	15 12	18 31	18 13	10 43			n.a.
S 7	23 37	4n12	3 59	25 46	1 59	20 9	1 4	18 2	0 6	19 27	1 27	1 27	2 28	24 10	0 24	12 22	1 47	32 29	15 12	18 31	18 12	10 45			n.a.
M 8	23 34	9 0	3 4	25 44	2 0	20 26	1 1	18 14	0 5	19 29	1 27	1 29	2 28	24 10	0 24	12 22	1 47	32 28	15 12	18 31	18 11	10 47			n.a.
T 9	23 30	13 21	1 57	25 39	2 0	20 42	0 58	18 27	0 4	19 30	1 28	1 30	2 27	24 9	0 24	12 23	1 47	32 28	15 12	18 31	18 10	10 48			n.a.
W10	23 25	16 56	0 43	25 33	2 0	20 57	0 55	18 39	0 3	19 32	1 28	1 31	2 27	24 9	0 24	12 23	1 47	32 27	15 12	18 31	18 9	10 50			n.a.
T 11	23 20	19 31	0 s34	25 24	1 59	21 12	0 52	18 51	0 3	19 34	1 28	1 32	2 27	24 9	0 24	12 24	1 47	32 27	15 12	18 31	18 8	10 52			n.a.
F 12	23 15	20 51	1 48	25 14	1 58	21 26	0 50	19 3	0 2	19 36	1 28	1 33	2 26	24 9	0 24	12 24	1 47	32 26	15 12	18 31	18 8	10 54			n.a.
S 13	23 9	20 52	2 55	25 1	1 57	21 40	0 47	19 15	0 1	19 38	1 28	1 35	2 26	24 9	0 24	12 24	1 48	32 26	15 11	18 30	18 7	10 56			n.a.
S 14	23 2	19 36	3 50	24 46	1 55	21 53	0 44	19 27	0 0	19 40	1 29	1 36	2 26	24 9	0 24	12 25	1 48	32 25	15 11	18 28	18 6	10 58			n.a.
M15	22 56	17 13	4 31	24 29	1 52	22 6	0 41	19 38	0 s 1	19 42	1 29	1 37	2 25	24 9	0 24	12 25	1 48	32 25	15 11	18 25	18 5	10 59			n.a.
T 16	22 48	13 58	4 57	24 10	1 49	22 18	0 38	19 49	0 2	19 44	1 29	1 39	2 25	24 9	0 24	12 25	1 48	32 24	15 11	18 23	18 4	11 1			n.a.
W17	22 41	10 6	5 5	23 49	1 45	22 29	0 35	20 0	0 2	19 46	1 29	1 40	2 25	24 9	0 24	12 26	1 48	32 23	15 11	18 20	18 3	11 3			n.a.
T 18	22 33	5 54	4 59	23 25	1 41	22 39	0 32	20 11	0 3	19 48	1 30	1 42	2 25	24 9	0 24	12 26	1 48	32 23	15 11	18 18	18 2	11 5			n.a.
F 19	22 24	1 32	4 38	23 0	1 36	22 49	0 29	20 22	0 4	19 50	1 30	1 43	2 24	24 9	0 24	12 26	1 48	32 22	15 11	18 16	18 2	11 7			n.a.
S 20	22 15	2 s48	4 5	22 32	1 30	22 58	0 26	20 32	0 5	19 52	1 30	1 45	2 24	24 9	0 24	12 26	1 48	32 22	15 11	18 14	18 1	11 8			n.a.
S 21	22 6	6 58	3 22	22 2	1 23	23 7	0 23	20 43	0 6	19 54	1 30	1 47	2 24	24 9	0 24	12 27	1 48	32 21	15 10	18 14	18 0	11 10			n.a.
M22	21 56	10 49	2 30	21 30	1 16	23 15	0 20	20 53	0 7	19 56	1 30	1 48	2 23	24 8	0 24	12 27	1 48	32 21	15 10	18 13	17 59	11 12			n.a.
T 23	21 46	14 15	1 32	20 57	1 9	23 22	0 17	21 3	0 8	19 58	1 30	1 50	2 23	24 8	0 24	12 27	1 48	32 20	15 10	18 14	17 58	11 14			n.a.
W24	21 35	17 7	0 30	20 21	1 0	23 28	0 14	21 13	0 9	20 0	1 31	1 52	2 23	24 8	0 24	12 27	1 48	32 20	15 10	18 14	17 57	11 16			n.a.
T 25	21 24	19 17	0n34	19 44	0 51	23 34	0 11	21 22	0 9	20 2	1 31	1 53	2 23	24 8	0 24	12 28	1 48	32 19	15 10	18 14	17 56	11 17			n.a.
F 26	21 13	20 37	1 38	19 5	0 41	23 39	0 8	21 31	0 10	20 5	1 31	1 55	2 22	24 8	0 24	12 28	1 48	32 19	15 10	18 13	17 55	11 19			n.a.
S 27	21 1	20 57	2 38	18 25	0 31	23 44	0 5	21 41	0 11	20 7	1 31	1 57	2 22	24 8	0 24	12 28	1 48	32 18	15 10	18 12	17 55	11 21			n.a.
S 28	20 49	20 12	3 32	17 44	0 20	23 47	0 2	21 49	0 12	20 9	1 31	1 59	2 22	24 8	0 24	12 28	1 48	32 18	15 10	18 10	17 54	11 23			n.a.
M29	20 36	18 21	4 16	17 2	0 8	23 50	0 s 1	21 58	0 13	20 11	1 31	2 1	2 21	24 8	0 24	12 28	1 48	32 17	15 10	18 8	17 53	11 25			n.a.
T 30	20 24	15 28	4 47	16 20	0n 4	23 53	0 4	22 7	0 14	20 13	1 31	2 3	2 21	24 8	0 24	12 29	1 48	32 17	15 10	18 5	17 52	11 26			n.a.
W31	20 s10	11 s40	5n 1	15 s37	0n17	23 s54	0 s 6	22 s15	0 s15	20n15	1n32	2n 5	2 s21	24n 8	0n24	12 s29	1n48	32 s16	15 s10	18 s 1	17 s51	11 s28			n.a.

Julian Day Number = 1300655.5, Delta T = 07h50m40s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'37, Lahiri = -19°51'36 Julian Calendar 1 Jan. 1152 BCE == Greg. Calendar 21 Dec. 1153 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

FEBRUARY 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 45	2♒23'53	29♒35	18♒56	4♉ 7	8♐46	7°R 3	10♈36	24°R58	7♏21	10♒57	19°R48	19♏18	23♎59	n.a.	T 1
F 2	8 5 42	3°23'39	13♓48	20°28	5°20	9°30	6♌55	10°41	24♊56	7°21	10°59	19♏38	19°15	24° 6	n.a.	F 2
S 3	8 9 38	4°23'24	28° 3	21°55	6°34	10°14	6°47	10°45	24°54	7°22	11° 0	19°31	19°12	24°13	n.a.	S 3
S 4	8 13 35	5°23'06	12♈18	23°16	7°47	10°59	6°39	10°50	24°52	7°22	11° 2	19°27	19° 8	24°19	n.a.	S 4
M 5	8 17 31	6°22'46	26°30	24°32	9° 1	11°43	6°31	10°55	24°51	7°23	11° 3	19°25	19° 5	24°26	n.a.	M 5
T 6	8 21 28	7°22'23	10♉35	25°41	10°14	12°28	6°24	10°59	24°49	7°23	11° 5	19°D25	19° 2	24°33	n.a.	T 6
W 7	8 25 25	8°21'58	24°35	26°44	11°28	13°12	6°16	11° 4	24°47	7°24	11° 6	19°R25	18°59	24°39	n.a.	W 7
T 8	8 29 21	9°21'31	8♊28	27°40	12°41	13°57	6° 8	11° 9	24°45	7°24	11° 8	19°24	18°56	24°46	n.a.	T 8
F 9	8 33 18	10°21'01	22°15	28°28	13°55	14°41	6° 0	11°15	24°44	7°24	11° 9	19°21	18°52	24°53	n.a.	F 9
S 10	8 37 14	11°20'29	5♋53	29° 8	15° 8	15°26	5°53	11°20	24°42	7°24	11°11	19°15	18°49	24°59	n.a.	S 10
S 11	8 41 11	12°19'54	19°22	29°41	16°22	16°11	5°45	11°25	24°41	7°25	11°13	19° 6	18°46	25° 6	n.a.	S 11
M12	8 45 7	13°19'17	2♌39	0♓ 6	17°35	16°55	5°37	11°30	24°39	7°25	11°14	18°54	18°43	25°13	n.a.	M12
T 13	8 49 4	14°18'38	15°44	0°23	18°49	17°40	5°30	11°36	24°38	7°25	11°16	18°41	18°40	25°19	n.a.	T 13
W14	8 53 0	15°17'56	28°33	0°31	20° 2	18°24	5°22	11°41	24°36	7°25	11°17	18°28	18°37	25°26	n.a.	W14
T 15	8 56 57	16°17'12	11♍ 8	0°R32	21°16	19° 9	5°14	11°47	24°35	7°25	11°19	18°15	18°33	25°33	n.a.	T 15
F 16	9 0 54	17°16'26	23°28	0°26	22°29	19°53	5° 7	11°52	24°34	7°25	11°20	18° 5	18°30	25°39	n.a.	F 16
S 17	9 4 50	18°15'39	5♎34	0°12	23°43	20°38	4°59	11°58	24°33	7°25	11°22	17°57	18°27	25°46	n.a.	S 17
S 18	9 8 47	19°14'49	17°30	29♒51	24°56	21°23	4°52	12° 4	24°31	7°R25	11°23	17°51	18°24	25°53	n.a.	S 18
M19	9 12 43	20°13'57	29°20	29°24	26°10	22° 7	4°45	12°10	24°30	7°25	11°25	17°49	18°21	25°59	n.a.	M19
T 20	9 16 40	21°13'03	11♏ 8	28°52	27°23	22°52	4°37	12°16	24°29	7°25	11°26	17°48	18°18	26° 6	n.a.	T 20
W21	9 20 36	22°12'08	23° 0	28°14	28°37	23°37	4°30	12°22	24°28	7°25	11°28	17°48	18°14	26°13	n.a.	W21
T 22	9 24 33	23°11'10	5♐ 1	27°32	29°50	24°21	4°23	12°28	24°27	7°25	11°29	17°47	18°11	26°19	n.a.	T 22
F 23	9 28 29	24°10'11	17°16	26°47	1♒ 4	25° 6	4°16	12°34	24°26	7°25	11°31	17°46	18° 8	26°26	n.a.	F 23
S 24	9 32 26	25° 9'10	29°51	26° 0	2°18	25°51	4° 9	12°40	24°25	7°25	11°32	17°42	18° 5	26°33	n.a.	S 24
S 25	9 36 22	26° 8'06	12♉50	25°12	3°31	26°35	4° 2	12°46	24°24	7°25	11°34	17°35	18° 2	26°39	n.a.	S 25
M26	9 40 19	27° 7'01	26°13	24°23	4°45	27°20	3°56	12°53	24°23	7°24	11°35	17°26	17°58	26°46	n.a.	M26
T 27	9 44 16	28° 5'54	10♒ 2	23°35	5°58	28° 5	3°49	12°59	24°23	7°24	11°37	17°15	17°55	26°53	n.a.	T 27
W28	9 48 12	29♒ 4'45	24♒13	22♒48	7♒12	28♐49	3♌43	13♈ 5	24♊22	7♏24	11♒38	17♏ 3	17♏52	26♎59	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19s57	7s10	4n58	14s55	0n30	23s55	0s 9	22s23	0s16	20n17	1n32	2n 7	2s21	24n 8	0n24	12s29	1n49	32s16	15s10	17s58	17s50	11s30		n.a.	T 1
F 2	19 43	2 14	4 36	14 13	0 44	23 55	0 12	22 31	0 17	20 19	1 32	2 9	2 20	24 8	0 24	12 29	1 49	32 15	15 10	17 56	17 49	11 32		n.a.	F 2
S 3	19 29	2n50	3 57	13 31	0 58	23 54	0 15	22 39	0 18	20 22	1 32	2 11	2 20	24 7	0 24	12 29	1 49	32 15	15 10	17 54	17 48	11 33		n.a.	S 3
S 4	19 14	7 45	3 3	12 51	1 12	23 53	0 17	22 46	0 19	20 24	1 32	2 13	2 20	24 7	0 24	12 29	1 49	32 14	15 10	17 53	17 48	11 35		n.a.	S 4
M 5	18 59	12 13	1 58	12 13	1 26	23 51	0 20	22 53	0 20	20 26	1 32	2 15	2 20	24 7	0 24	12 29	1 49	32 14	15 10	17 52	17 47	11 37		n.a.	M 5
T 6	18 44	15 59	0 47	11 36	1 40	23 48	0 23	23 0	0 21	20 28	1 32	2 17	2 19	24 7	0 24	12 29	1 49	32 13	15 10	17 52	17 46	11 39		n.a.	T 6
W 7	18 28	18 47	0s27	11 1	1 54	23 45	0 25	23 7	0 22	20 30	1 32	2 19	2 19	24 7	0 24	12 29	1 49	32 13	15 10	17 52	17 45	11 40		n.a.	W 7
T 8	18 12	20 27	1 39	10 29	2 8	23 41	0 28	23 13	0 23	20 32	1 32	2 22	2 19	24 7	0 24	12 29	1 49	32 12	15 10	17 52	17 44	11 42		n.a.	T 8
F 9	17 56	20 52	2 44	10 0	2 21	23 36	0 30	23 20	0 24	20 34	1 32	2 24	2 18	24 7	0 24	12 30	1 49	32 12	15 10	17 51	17 43	11 44		n.a.	F 9
S 10	17 39	20 3	3 39	9 34	2 34	23 30	0 33	23 26	0 25	20 36	1 32	2 26	2 18	24 7	0 24	12 30	1 49	32 11	15 10	17 49	17 42	11 46		n.a.	S 10
S 11	17 23	18 6	4 21	9 11	2 46	23 24	0 35	23 31	0 26	20 38	1 32	2 29	2 18	24 7	0 24	12 30	1 49	32 11	15 10	17 47	17 41	11 47		n.a.	S 11
M12	17 6	15 12	4 48	8 52	2 57	23 17	0 38	23 37	0 27	20 40	1 32	2 31	2 18	24 7	0 24	12 30	1 49	32 10	15 10	17 44	17 40	11 49		n.a.	M12
T 13	16 48	11 37	5 0	8 36	3 7	23 9	0 40	23 42	0 28	20 42	1 33	2 33	2 17	24 7	0 24	12 30	1 49	32 10	15 10	17 40	17 40	11 51		n.a.	T 13
W14	16 31	7 33	4 56	8 24	3 17	23 0	0 43	23 47	0 29	20 44	1 33	2 36	2 17	24 7	0 24	12 30	1 49	32 10	15 10	17 36	17 39	11 53		n.a.	W14
T 15	16 13	3 15	4 37	8 16	3 25	22 51	0 45	23 52	0 30	20 46	1 33	2 38	2 17	24 7	0 24	12 30	1 49	32 9	15 10	17 33	17 38	11 54		n.a.	T 15
F 16	15 55	1s 7	4 6	8 12	3 32	22 42	0 47	23 57	0 31	20 48	1 33	2 41	2 17	24 7	0 24	12 30	1 49	32 9	15 10	17 30	17 37	11 56		n.a.	F 16
S 17	15 36	5 21	3 24	8 12	3 37	22 31	0 49	24 1	0 32	20 50	1 33	2 43	2 17	24 6	0 24	12 30	1 49	32 8	15 10	17 27	17 36	11 58		n.a.	S 17
S 18	15 18	9 20	2 33	8 16	3 41	22 20	0 51	24 5	0 33	20 51	1 33	2 45	2 16	24 6	0 24	12 29	1 49	32 8	15 10	17 26	17 35	11 59		n.a.	S 18
M19	14 59	12 55	1 36	8 24	3 43	22 8	0 53	24 9	0 34	20 53	1 33	2 48	2 16	24 6	0 24	12 29	1 50	32 8	15 10	17 25	17 34	12 1		n.a.	M19
T 20	14 40	15 58	0 35	8 35	3 43	21 56	0 56	24 13	0 35	20 55	1 33	2 51	2 16	24 6	0 24	12 29	1 50	32 7	15 10	17 25	17 33	12 3		n.a.	T 20
W21	14 20	18 23	0n28	8 49	3 42	21 43	0 58	24 16	0 36	20 57	1 33	2 53	2 16	24 6	0 24	12 29	1 50	32 7	15 10	17 25	17 32	12 5		n.a.	W21
T 22	14 1	20 0	1 30	9 6	3 39	21 29	0 59	24 19	0 37	20 58	1 33	2 56	2 15	24 6	0 24	12 29	1 50	32 6	15 10	17 25	17 32	12 6		n.a.	T 22
F 23	13 41	20 44	2 29	9 26	3 34	21 15	1 1	24 22	0 38	21 0	1 33	2 58	2 15	24 6	0 24	12 29	1 50	32 6	15 10	17 24	17 31	12 8		n.a.	F 23
S 24	13 21	20 27	3 23	9 49	3 27	21 0	1 3	24 25	0 39	21 2	1 32	3 1	2 15	24 6	0 24	12 29	1 50	32 6	15 10	17 23	17 30	12 10		n.a.	S 24
S 25	13 1	19 5	4 8	10 13	3 19	20 44	1 5	24 27	0 40	21 3	1 32	3 4	2 15	24 6	0 24	12 29	1 50	32 5	15 11	17 21	17 29	12 11		n.a.	S 25
M26	12 40	16 39	4 41	10 38	3 9	20 28	1 7	24 29	0 41	21 5	1 32	3 6	2 15	24 6	0 24	12 29	1 50	32 5	15 11	17 19	17 28	12 13		n.a.	M26
T 27	12 20	13 13	4 59	11 4	2 58	20 11	1 8	24 31	0 42	21 6	1 32	3 9	2 14	24 6	0 23	12 29	1 50	32 5	15 11	17 16	17 27	12 15		n.a.	T 27
W28	11s59	8s58	4n59	11s31	2n46	19s54	1s10	24s33	0s43	21n 8	1n32	3n12	2s14	24n 6	0n23	12s28	1n50	32s 4	15s11	17s12	17s26	12s16		n.a.	W28

Julian Day Number = 1300686.5, Delta T = 07h50m39s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'32, Lahiri = -19°51'32 Julian Calendar 1 Feb. 1152 BCE == Greg. Calendar 21 Jan. 1152 BCE

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

MARCH 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 52 9	0♓ 3'33	8♓42	22°R 4	8♒25	29♐34	3°R36	13♈12	24°R21	7°R23	11♒40	16°R52	17♏49	27♎ 6	n.a.	T 1
F 2	9 56 5	1° 2'20	23°21	21♒23	9°39	0♑19	3♌30	13°18	24♊21	7♏23	11°41	16♏43	17°46	27°13	n.a.	F 2
S 3	10 0 2	2° 1'04	8♈ 2	20°45	10°52	1° 3	3°24	13°25	24°20	7°23	11°43	16°35	17°43	27°19	n.a.	S 3
S 4	10 3 58	2°59'45	22°40	20°12	12° 6	1°48	3°18	13°32	24°20	7°22	11°44	16°31	17°39	27°26	n.a.	S 4
M 5	10 7 55	3°58'25	7♉ 7	19°43	13°19	2°33	3°12	13°38	24°19	7°22	11°46	16°29	17°36	27°32	n.a.	M 5
T 6	10 11 51	4°57'02	21°22	19°19	14°33	3°17	3° 6	13°45	24°19	7°21	11°47	16°D29	17°33	27°39	n.a.	T 6
W 7	10 15 48	5°55'37	5♊23	19° 0	15°46	4° 2	3° 1	13°52	24°19	7°21	11°49	16°R29	17°30	27°46	n.a.	W 7
T 8	10 19 44	6°54'09	19° 9	18°46	17° 0	4°47	2°55	13°59	24°18	7°20	11°50	16°29	17°27	27°52	n.a.	T 8
F 9	10 23 41	7°52'40	2♋42	18°37	18°13	5°31	2°50	14° 5	24°18	7°20	11°52	16°26	17°23	27°59	n.a.	F 9
S 10	10 27 38	8°51'07	16° 1	18°D34	19°27	6°16	2°45	14°12	24°18	7°19	11°53	16°21	17°20	28° 6	n.a.	S 10
S 11	10 31 34	9°49'33	29° 8	18°35	20°40	7° 0	2°40	14°19	24°18	7°18	11°54	16°14	17°17	28°12	n.a.	S 11
M12	10 35 31	10°47'56	12♌ 4	18°42	21°54	7°45	2°35	14°26	24°18	7°18	11°56	16° 4	17°14	28°19	n.a.	M12
T 13	10 39 27	11°46'17	24°47	18°54	23° 7	8°30	2°30	14°34	24°D18	7°17	11°57	15°53	17°11	28°26	n.a.	T 13
W14	10 43 24	12°44'36	7♍19	19°11	24°21	9°14	2°26	14°41	24°18	7°16	11°59	15°41	17° 8	28°32	n.a.	W14
T 15	10 47 20	13°42'53	19°40	19°32	25°34	9°59	2°21	14°48	24°18	7°15	12° 0	15°31	17° 4	28°39	n.a.	T 15
F 16	10 51 17	14°41'08	1♎49	19°57	26°47	10°43	2°17	14°55	24°18	7°15	12° 1	15°22	17° 1	28°46	n.a.	F 16
S 17	10 55 13	15°39'21	13°49	20°27	28° 1	11°28	2°13	15° 2	24°18	7°14	12° 3	15°15	16°58	28°52	n.a.	S 17
S 18	10 59 10	16°37'33	25°41	21° 2	29°14	12°12	2° 9	15° 9	24°18	7°13	12° 4	15°10	16°55	28°59	n.a.	S 18
M19	11 3 7	17°35'43	7♏30	21°40	0♓28	12°57	2° 5	15°17	24°19	7°12	12° 5	15° 8	16°52	29° 6	n.a.	M19
T 20	11 7 3	18°33'51	19°17	22°22	1°41	13°41	2° 2	15°24	24°19	7°11	12° 6	15°D 8	16°49	29°12	n.a.	T 20
W21	11 11 0	19°31'57	1♐ 8	23° 7	2°55	14°26	1°58	15°32	24°20	7°10	12° 8	15° 9	16°45	29°19	n.a.	W21
T 22	11 14 56	20°30'02	13° 9	23°56	4° 8	15°10	1°55	15°39	24°20	7° 9	12° 9	15°10	16°42	29°26	n.a.	T 22
F 23	11 18 53	21°28'06	25°23	24°48	5°22	15°55	1°52	15°46	24°21	7° 8	12°10	15°R10	16°39	29°32	n.a.	F 23
S 24	11 22 49	22°26'07	7♑57	25°44	6°35	16°39	1°49	15°54	24°21	7° 7	12°12	15° 9	16°36	29°39	n.a.	S 24
S 25	11 26 46	23°24'08	20°54	26°42	7°49	17°24	1°46	16° 1	24°22	7° 6	12°13	15° 5	16°33	29°46	n.a.	S 25
M26	11 30 42	24°22'07	4♒18	27°44	9° 2	18° 8	1°44	16° 9	24°22	7° 5	12°14	15° 0	16°29	29°52	n.a.	M26
T 27	11 34 39	25°20'04	18°10	28°48	10°16	18°53	1°41	16°16	24°23	7° 4	12°15	14°53	16°26	29°59	n.a.	T 27
W28	11 38 35	26°18'00	2♓29	29°55	11°29	19°37	1°39	16°24	24°24	7° 3	12°16	14°46	16°23	0♏ 5	n.a.	W28
T 29	11 42 32	27°15'54	17°10	1♓ 5	12°43	20°21	1°37	16°32	24°25	7° 2	12°18	14°38	16°20	0°12	n.a.	T 29
F 30	11 46 29	28°13'46	2♈ 5	2°17	13°56	21° 5	1°35	16°39	24°26	7° 1	12°19	14°32	16°17	0°19	n.a.	F 30
S 31	11 50 25	29♓11'37	17♈ 7	3♓32	15♓10	21♑50	1♌34	16♈47	24♊27	7♏ 0	12♒20	14♏28	16♏14	0♏25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s38	4s 7	4n40	11s58	2n33	19s36	1s11	24s34	0s44	21n 9	1n32	3n14	2s14	24n 6	0n23	12s28	1n50	32s 4	15s11	17s 9	17s25	12s18			n.a.
F 2	11 17	1n 1	4 3	12 25	2 19	19 18	1 13	24 35	0 45	21 11	1 32	3 17	2 14	24 6	0 23	12 28	1 50	32 4	15 11	17 6	17 24	12 20			n.a.
S 3	10 56	6 7	3 9	12 51	2 4	18 59	1 14	24 36	0 47	21 12	1 32	3 20	2 14	24 6	0 23	12 28	1 50	32 3	15 11	17 4	17 23	12 21			n.a.
S 4	10 34	10 51	2 3	13 16	1 49	18 39	1 16	24 37	0 48	21 14	1 32	3 23	2 13	24 6	0 23	12 28	1 50	32 3	15 11	17 3	17 23	12 23			n.a.
M 5	10 13	14 53	0 50	13 40	1 33	18 19	1 17	24 37	0 49	21 15	1 32	3 25	2 13	24 6	0 23	12 27	1 50	32 3	15 12	17 2	17 22	12 25			n.a.
T 6	9 51	17 59	0s26	14 3	1 18	17 59	1 18	24 37	0 50	21 16	1 32	3 28	2 13	24 6	0 23	12 27	1 50	32 2	15 12	17 2	17 21	12 26			n.a.
W 7	9 29	19 56	1 39	14 24	1 2	17 38	1 19	24 37	0 51	21 17	1 32	3 31	2 13	24 6	0 23	12 27	1 50	32 2	15 12	17 2	17 20	12 28			n.a.
T 8	9 7	20 39	2 44	14 43	0 46	17 16	1 20	24 36	0 52	21 19	1 32	3 34	2 13	24 6	0 23	12 27	1 50	32 2	15 12	17 2	17 19	12 30			n.a.
F 9	8 45	20 8	3 40	15 0	0 31	16 54	1 21	24 36	0 53	21 20	1 32	3 37	2 13	24 6	0 23	12 27	1 50	32 1	15 12	17 1	17 18	12 31			n.a.
S 10	8 23	18 31	4 22	15 15	0 16	16 32	1 22	24 35	0 54	21 21	1 31	3 40	2 12	24 6	0 23	12 26	1 50	32 1	15 12	17 0	17 17	12 33			n.a.
S 11	8 1	15 56	4 50	15 29	0 1	16 9	1 23	24 34	0 55	21 22	1 31	3 43	2 12	24 6	0 23	12 26	1 51	32 1	15 13	16 58	17 16	12 35			n.a.
M12	7 38	12 37	5 2	15 40	0s13	15 46	1 24	24 32	0 56	21 23	1 31	3 46	2 12	24 6	0 23	12 26	1 51	32 1	15 13	16 55	17 15	12 36			n.a.
T 13	7 16	8 46	4 59	15 49	0 26	15 22	1 25	24 31	0 57	21 24	1 31	3 48	2 12	24 6	0 23	12 26	1 51	32 0	15 13	16 52	17 14	12 38			n.a.
W14	6 53	4 36	4 42	15 56	0 40	14 58	1 26	24 29	0 59	21 25	1 31	3 51	2 12	24 6	0 23	12 25	1 51	32 0	15 13	16 48	17 13	12 40			n.a.
T 15	6 30	0 19	4 12	16 1	0 52	14 33	1 26	24 26	1 0	21 26	1 31	3 54	2 12	24 6	0 23	12 25	1 51	32 0	15 13	16 45	17 12	12 41			n.a.
F 16	6 8	3s56	3 30	16 4	1 4	14 8	1 27	24 24	1 1	21 27	1 31	3 57	2 11	24 6	0 23	12 25	1 51	32 0	15 13	16 42	17 12	12 43			n.a.
S 17	5 45	7 59	2 40	16 5	1 15	13 43	1 27	24 21	1 2	21 27	1 31	4 0	2 11	24 6	0 23	12 24	1 51	31 59	15 14	16 40	17 11	12 45			n.a.
S 18	5 22	11 40	1 42	16 4	1 26	13 18	1 28	24 18	1 3	21 28	1 30	4 3	2 11	24 6	0 23	12 24	1 51	31 59	15 14	16 39	17 10	12 46			n.a.
M19	4 59	14 53	0 41	16 1	1 35	12 52	1 28	24 15	1 4	21 29	1 30	4 6	2 11	24 6	0 23	12 24	1 51	31 59	15 14	16 38	17 9	12 48			n.a.
T 20	4 36	17 28	0n22	15 56	1 45	12 25	1 28	24 12	1 5	21 30	1 30	4 9	2 11	24 6	0 23	12 23	1 51	31 59	15 14	16 38	17 8	12 49			n.a.
W21	4 13	19 20	1 25	15 49	1 53	11 59	1 29	24 8	1 6	21 30	1 30	4 12	2 11	24 6	0 23	12 23	1 51	31 59	15 15	16 39	17 7	12 51			n.a.
T 22	3 49	20 21	2 25	15 39	2 1	11 32	1 29	24 4	1 8	21 31	1 30	4 15	2 11	24 6	0 23	12 23	1 51	31 58	15 15	16 39	17 6	12 53			n.a.
F 23	3 26	20 26	3 19	15 28	2 8	11 4	1 29	24 0	1 9	21 31	1 30	4 18	2 10	24 6	0 23	12 22	1 51	31 58	15 15	16 39	17 5	12 54			n.a.
S 24	3 3	19 30	4 6	15 15	2 15	10 37	1 29	23 56	1 10	21 32	1 29	4 21	2 10	24 6	0 23	12 22	1 51	31 58	15 15	16 39	17 4	12 56			n.a.
S 25	2 40	17 33	4 41	15 1	2 21	10 9	1 29	23 51	1 11	21 32	1 29	4 24	2 10	24 6	0 23	12 22	1 51	31 58	15 15	16 38	17 3	12 58			n.a.
M26	2 16	14 36	5 2	14 44	2 26	9 41	1 29	23 46	1 12	21 33	1 29	4 27	2 10	24 6	0 23	12 21	1 51	31 58	15 16	16 36	17 2	12 59			n.a.
T 27	1 53	10 46	5 7	14 25	2 30	9 12	1 29	23 41	1 13	21 33	1 29	4 30	2 10	24 6	0 23	12 21	1 51	31 58	15 16	16 34	17 1	13 1			n.a.
W28	1 30	6 12	4 53	14 5	2 34	8 44	1 28	23 36	1 14	21 33	1 29	4 33	2 10	24 6	0 23	12 20	1 51	31 58	15 16	16 32	17 1	13 2			n.a.
T 29	1 6	1 10	4 20	13 43	2 37	8 15	1 28	23 30	1 15	21 34	1 29	4 37	2 10	24 6	0 23	12 20	1 51	31 58	15 17	16 30	17 0	13 4			n.a.
F 30	0 43	4n 1	3 29	13 19	2 40	7 46	1 28	23 24	1 17	21 34	1 28	4 40	2 10	24 6	0 23	12 20	1 51	31 57	15 17	16 28	16 59	13 6			n.a.
S 31	0s20	9n 1	2n22	12s53	2s42	7s17	1s27	23s18	1s18	21n34	1n28	4n43	2s10	24n 6	0n23	12s19	1n51	31s57	15s17	16s26	16s58	13s 7			n.a.

Julian Day Number = 1300714.5, Delta T = 07h50m37s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'29, Lahiri = -19°51'28 Julian Calendar 1 March 1152 BCE == Greg. Calendar 18 Feb. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

APRIL 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 54 22	0♈ 9'26	2♉ 6	4♓49	16♓23	22♑34	1°R32	16♈55	24♊28	6°R58	12♒21	14°R25	16♏10	0♏32	n.a.	S 1
M 2	11 58 18	1° 7'14	16°54	6° 9	17°37	23°18	1♌31	17° 2	24°29	6♏57	12°22	14°D25	16° 7	0°39	n.a.	M 2
T 3	12 2 15	2° 4'59	1♊26	7°31	18°50	24° 2	1°30	17°10	24°30	6°56	12°23	14♏25	16° 4	0°45	n.a.	T 3
W 4	12 6 11	3° 2'43	15°38	8°55	20° 4	24°46	1°29	17°18	24°31	6°55	12°24	14°27	16° 1	0°52	n.a.	W 4
T 5	12 10 8	4° 0'25	29°29	10°21	21°17	25°31	1°28	17°26	24°32	6°53	12°25	14°R27	15°58	0°59	n.a.	T 5
F 6	12 14 4	4°58'05	12♋59	11°50	22°31	26°15	1°28	17°33	24°33	6°52	12°26	14°27	15°55	1° 5	n.a.	F 6
S 7	12 18 1	5°55'44	26°11	13°21	23°44	26°59	1°27	17°41	24°35	6°51	12°27	14°25	15°51	1°12	n.a.	S 7
S 8	12 21 58	6°53'21	9♌ 5	14°54	24°58	27°43	1°D27	17°49	24°36	6°49	12°28	14°22	15°48	1°19	n.a.	S 8
M 9	12 25 54	7°50'56	21°45	16°29	26°11	28°26	1°27	17°57	24°37	6°48	12°29	14°17	15°45	1°25	n.a.	M 9
T 10	12 29 51	8°48'29	4♍12	18° 6	27°24	29°10	1°27	18° 5	24°39	6°47	12°30	14°11	15°42	1°32	n.a.	T 10
W11	12 33 47	9°46'01	16°28	19°46	28°38	29°54	1°28	18°13	24°40	6°45	12°31	14° 5	15°39	1°39	n.a.	W11
T 12	12 37 44	10°43'31	28°35	21°28	29°51	0♒38	1°28	18°20	24°42	6°44	12°32	14° 0	15°35	1°45	n.a.	T 12
F 13	12 41 40	11°41'00	10♎34	23°11	1♈ 5	1°22	1°29	18°28	24°44	6°42	12°33	13°55	15°32	1°52	n.a.	F 13
S 14	12 45 37	12°38'28	22°27	24°57	2°18	2° 5	1°30	18°36	24°45	6°41	12°34	13°51	15°29	1°59	n.a.	S 14
S 15	12 49 33	13°35'55	4♏16	26°46	3°32	2°49	1°31	18°44	24°47	6°40	12°35	13°50	15°26	2° 5	n.a.	S 15
M16	12 53 30	14°33'20	16° 3	28°36	4°45	3°33	1°32	18°52	24°49	6°38	12°36	13°D49	15°23	2°12	n.a.	M16
T 17	12 57 26	15°30'45	27°52	0♈28	5°59	4°16	1°34	19° 0	24°50	6°37	12°36	13°50	15°20	2°18	n.a.	T 17
W18	13 1 23	16°28'08	9♐45	2°23	7°12	5° 0	1°36	19° 8	24°52	6°35	12°37	13°51	15°16	2°25	n.a.	W18
T 19	13 5 20	17°25'31	21°47	4°19	8°26	5°43	1°37	19°16	24°54	6°34	12°38	13°53	15°13	2°32	n.a.	T 19
F 20	13 9 16	18°22'53	4♑ 3	6°18	9°39	6°27	1°39	19°24	24°56	6°32	12°39	13°55	15°10	2°38	n.a.	F 20
S 21	13 13 13	19°20'14	16°35	8°18	10°53	7°10	1°42	19°32	24°58	6°31	12°40	13°R55	15° 7	2°45	n.a.	S 21
S 22	13 17 9	20°17'34	29°29	10°21	12° 6	7°54	1°44	19°40	25° 0	6°29	12°40	13°55	15° 4	2°52	n.a.	S 22
M23	13 21 6	21°14'53	12♒49	12°25	13°20	8°37	1°46	19°47	25° 2	6°28	12°41	13°54	15° 0	2°58	n.a.	M23
T 24	13 25 2	22°12'12	26°36	14°31	14°33	9°20	1°49	19°55	25° 4	6°26	12°42	13°52	14°57	3° 5	n.a.	T 24
W25	13 28 59	23° 9'30	10♓50	16°38	15°47	10° 3	1°52	20° 3	25° 6	6°25	12°42	13°49	14°54	3°12	n.a.	W25
T 26	13 32 55	24° 6'47	25°28	18°46	17° 0	10°46	1°55	20°11	25° 8	6°23	12°43	13°46	14°51	3°18	n.a.	T 26
F 27	13 36 52	25° 4'04	10♈26	20°56	18°14	11°29	1°58	20°19	25°11	6°21	12°44	13°44	14°48	3°25	n.a.	F 27
S 28	13 40 49	26° 1'19	25°35	23° 7	19°27	12°12	2° 1	20°27	25°13	6°20	12°44	13°43	14°45	3°32	n.a.	S 28
S 29	13 44 45	26°58'34	10♉45	25°18	20°41	12°55	2° 5	20°35	25°15	6°18	12°45	13°D42	14°41	3°38	n.a.	S 29
M30	13 48 42	27♈55'49	25♉48	27♈30	21♈55	13♒38	2♌ 9	20♈43	25♊18	6♏17	12♒45	13♏42	14♏38	3♏45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n 4	13n26	1n 6	12s25	2s43	6s47	1s27	23s12	1s19	21n34	1n28	4n46	2s 9	24n 6	0n23	12s19	1n51	31s57	15s17	16s26	16s57	13s 9		n.a.
M 2	0 27	16 57	0s14	11 56	2 44	6 18	1 26	23 6	1 20	21 34	1 28	4 49	2 9	24 6	0 23	12 18	1 51	31 57	15 18	16 25	16 56	13 10		n.a.
T 3	0 50	19 18	1 31	11 25	2 44	5 48	1 26	22 59	1 21	21 35	1 28	4 52	2 9	24 6	0 23	12 18	1 51	31 57	15 18	16 26	16 55	13 12		n.a.
W 4	1 14	20 22	2 41	10 53	2 44	5 18	1 25	22 52	1 22	21 35	1 28	4 55	2 9	24 6	0 23	12 17	1 51	31 57	15 18	16 26	16 54	13 13		n.a.
T 5	1 37	20 9	3 40	10 18	2 42	4 48	1 24	22 45	1 23	21 35	1 27	4 58	2 9	24 6	0 23	12 17	1 52	31 57	15 18	16 26	16 53	13 15		n.a.
F 6	2 0	18 47	4 26	9 42	2 41	4 18	1 24	22 38	1 25	21 34	1 27	5 1	2 9	24 6	0 23	12 16	1 52	31 57	15 19	16 26	16 52	13 17		n.a.
S 7	2 23	16 25	4 56	9 5	2 38	3 47	1 23	22 30	1 26	21 34	1 27	5 4	2 9	24 6	0 23	12 16	1 52	31 57	15 19	16 26	16 51	13 18		n.a.
S 8	2 47	13 18	5 10	8 25	2 35	3 17	1 22	22 23	1 27	21 34	1 27	5 7	2 9	24 6	0 23	12 16	1 52	31 57	15 19	16 25	16 50	13 20		n.a.
M 9	3 10	9 37	5 8	7 45	2 32	2 46	1 21	22 15	1 28	21 34	1 27	5 10	2 9	24 6	0 23	12 15	1 52	31 57	15 20	16 23	16 49	13 21		n.a.
T 10	3 33	5 36	4 52	7 2	2 28	2 16	1 20	22 7	1 29	21 34	1 26	5 14	2 9	24 6	0 23	12 15	1 52	31 57	15 20	16 21	16 48	13 23		n.a.
W11	3 56	1 23	4 23	6 18	2 23	1 45	1 19	21 58	1 30	21 34	1 26	5 17	2 9	24 6	0 23	12 14	1 52	31 57	15 20	16 20	16 47	13 24		n.a.
T 12	4 19	2s49	3 42	5 33	2 18	1 15	1 18	21 50	1 31	21 33	1 26	5 20	2 8	24 6	0 23	12 14	1 52	31 57	15 21	16 18	16 47	13 26		n.a.
F 13	4 42	6 53	2 52	4 46	2 12	0 44	1 16	21 41	1 33	21 33	1 26	5 23	2 8	24 6	0 23	12 13	1 52	31 57	15 21	16 16	16 46	13 27		n.a.
S 14	5 4	10 39	1 55	3 57	2 6	0 13	1 15	21 32	1 34	21 32	1 26	5 26	2 8	24 6	0 23	12 13	1 52	31 57	15 21	16 15	16 45	13 29		n.a.
S 15	5 27	13 58	0 52	3 7	1 59	0n18	1 14	21 23	1 35	21 32	1 25	5 29	2 8	24 6	0 23	12 12	1 52	31 57	15 22	16 15	16 44	13 30		n.a.
M16	5 50	16 43	0n12	2 16	1 52	0 49	1 13	21 14	1 36	21 32	1 25	5 32	2 8	24 7	0 23	12 12	1 52	31 57	15 22	16 15	16 43	13 32		n.a.
T 17	6 12	18 46	1 16	1 24	1 44	1 20	1 11	21 4	1 37	21 31	1 25	5 35	2 8	24 7	0 23	12 11	1 52	31 57	15 22	16 15	16 42	13 34		n.a.
W18	6 35	20 0	2 18	0 30	1 36	1 50	1 10	20 55	1 38	21 30	1 25	5 38	2 8	24 7	0 23	12 11	1 52	31 57	15 22	16 15	16 41	13 35		n.a.
T 19	6 57	20 21	3 14	0n25	1 27	2 21	1 8	20 45	1 39	21 30	1 25	5 41	2 8	24 7	0 23	12 10	1 52	31 57	15 23	16 16	16 40	13 37		n.a.
F 20	7 19	19 44	4 2	1 21	1 18	2 52	1 7	20 35	1 40	21 29	1 24	5 44	2 8	24 7	0 23	12 10	1 52	31 57	15 23	16 16	16 39	13 38		n.a.
S 21	7 41	18 9	4 40	2 18	1 8	3 23	1 5	20 25	1 41	21 29	1 24	5 47	2 8	24 7	0 23	12 9	1 52	31 57	15 23	16 17	16 38	13 40		n.a.
S 22	8 3	15 37	5 6	3 16	0 59	3 53	1 3	20 15	1 43	21 28	1 24	5 51	2 8	24 7	0 23	12 9	1 52	31 57	15 24	16 16	16 37	13 41		n.a.
M23	8 25	12 12	5 15	4 14	0 49	4 24	1 2	20 4	1 44	21 27	1 24	5 54	2 8	24 7	0 23	12 8	1 52	31 57	15 24	16 16	16 36	13 43		n.a.
T 24	8 47	8 2	5 8	5 13	0 38	4 54	1 0	19 54	1 45	21 26	1 24	5 57	2 8	24 7	0 23	12 8	1 52	31 58	15 25	16 15	16 35	13 44		n.a.
W25	9 9	3 18	4 41	6 13	0 28	5 25	0 58	19 43	1 46	21 25	1 24	6 0	2 8	24 7	0 23	12 7	1 52	31 58	15 25	16 15	16 34	13 46		n.a.
T 26	9 30	1n46	3 56	7 12	0 17	5 55	0 56	19 32	1 47	21 25	1 23	6 3	2 8	24 7	0 23	12 6	1 52	31 58	15 25	16 14	16 33	13 47		n.a.
F 27	9 51	6 51	2 54	8 12	0 7	6 25	0 55	19 21	1 48	21 24	1 23	6 6	2 8	24 7	0 23	12 6	1 52	31 58	15 26	16 13	16 32	13 49		n.a.
S 28	10 13	11 34	1 39	9 11	0n 4	6 55	0 53	19 10	1 49	21 23	1 23	6 9	2 8	24 7	0 23	12 5	1 52	31 58	15 26	16 13	16 31	13 50		n.a.
S 29	10 34	15 33	0 16	10 10	0 15	7 25	0 51	18 58	1 50	21 22	1 23	6 12	2 8	24 7	0 23	12 5	1 52	31 58	15 26	16 13	16 30	13 52		n.a.
M30	10n55	18n27	1s 7	11n 8	0n25	7n55	0s49	18s47	1s51	21n21	1n23	6n15	2s 8	24n 7	0n23	12s 4	1n52	31s58	15s27	16s13	16s29	13s53		n.a.

Julian Day Number = 1300745.5, Delta T = 07h50m36s
Ecliptic obliquity = 23°49'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'24, Lahiri = -19°51'24 Julian Calendar 1 Apr. 1152 BCE == Greg. Calendar 21 March 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

MAY 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 38	28♈53'02	10♊36	29♈41	23♈ 8	14♒20	2♌12	20♈51	25♊20	6°R15	12♒46	13♏43	14♏35	3♏52	n.a.	T 1
W 2	13 56 35	29°50'14	25° 2	1♉53	24°22	15° 3	2°16	20°58	25°22	6♏13	12°46	13°44	14°32	3°58	n.a.	W 2
T 3	14 0 31	0♉47'26	9♋ 4	4° 4	25°35	15°46	2°21	21° 6	25°25	6°12	12°47	13°45	14°29	4° 5	n.a.	T 3
F 4	14 4 28	1°44'36	22°40	6°14	26°49	16°28	2°25	21°14	25°27	6°10	12°47	13°46	14°26	4°11	n.a.	F 4
S 5	14 8 25	2°41'46	5♌53	8°24	28° 2	17°10	2°29	21°22	25°30	6° 9	12°48	13°R46	14°22	4°18	n.a.	S 5
S 6	14 12 21	3°38'54	18°44	10°32	29°16	17°53	2°34	21°30	25°33	6° 7	12°48	13°46	14°19	4°25	n.a.	S 6
M 7	14 16 18	4°36'02	1♍16	12°39	0♉29	18°35	2°39	21°38	25°35	6° 5	12°49	13°45	14°16	4°31	n.a.	M 7
T 8	14 20 14	5°33'09	13°33	14°44	1°43	19°17	2°44	21°45	25°38	6° 4	12°49	13°44	14°13	4°38	n.a.	T 8
W 9	14 24 11	6°30'15	25°39	16°48	2°57	19°59	2°49	21°53	25°41	6° 2	12°49	13°43	14°10	4°45	n.a.	W 9
T 10	14 28 7	7°27'21	7♎36	18°50	4°10	20°41	2°54	22° 1	25°43	6° 1	12°50	13°42	14° 6	4°51	n.a.	T 10
F 11	14 32 4	8°24'26	19°28	20°50	5°24	21°23	3° 0	22° 9	25°46	5°59	12°50	13°41	14° 3	4°58	n.a.	F 11
S 12	14 36 0	9°21'31	1♏17	22°48	6°37	22° 5	3° 5	22°16	25°49	5°57	12°50	13°41	14° 0	5° 5	n.a.	S 12
S 13	14 39 57	10°18'35	13° 4	24°44	7°51	22°46	3°11	22°24	25°52	5°56	12°51	13°D41	13°57	5°11	n.a.	S 13
M14	14 43 54	11°15'39	24°54	26°37	9° 5	23°28	3°17	22°32	25°55	5°54	12°51	13°41	13°54	5°18	n.a.	M14
T 15	14 47 50	12°12'43	6♐47	28°29	10°18	24°10	3°23	22°39	25°57	5°52	12°51	13°41	13°51	5°25	n.a.	T 15
W16	14 51 47	13° 9'46	18°47	0♊18	11°32	24°51	3°29	22°47	26° 0	5°51	12°51	13°41	13°47	5°31	n.a.	W16
T 17	14 55 43	14° 6'50	0♑56	2° 5	12°45	25°32	3°35	22°54	26° 3	5°49	12°52	13°R41	13°44	5°38	n.a.	T 17
F 18	14 59 40	15° 3'54	13°17	3°50	13°59	26°13	3°42	23° 2	26° 6	5°48	12°52	13°41	13°41	5°45	n.a.	F 18
S 19	15 3 36	16° 0'57	25°53	5°33	15°13	26°55	3°48	23°10	26° 9	5°46	12°52	13°41	13°38	5°51	n.a.	S 19
S 20	15 7 33	16°58'01	8♒48	7°14	16°26	27°36	3°55	23°17	26°12	5°44	12°52	13°41	13°35	5°58	n.a.	S 20
M21	15 11 29	17°55'05	22° 3	8°52	17°40	28°16	4° 2	23°25	26°15	5°43	12°52	13°D41	13°31	6° 4	n.a.	M21
T 22	15 15 26	18°52'09	5♓42	10°28	18°54	28°57	4° 9	23°32	26°19	5°41	12°52	13°41	13°28	6°11	n.a.	T 22
W23	15 19 23	19°49'14	19°45	12° 2	20° 8	29°38	4°16	23°39	26°22	5°40	12°52	13°41	13°25	6°18	n.a.	W23
T 24	15 23 19	20°46'19	4♈12	13°33	21°21	0♓18	4°23	23°47	26°25	5°38	12°R52	13°42	13°22	6°24	n.a.	T 24
F 25	15 27 16	21°43'24	18°58	15° 2	22°35	0°59	4°30	23°54	26°28	5°37	12°52	13°42	13°19	6°31	n.a.	F 25
S 26	15 31 12	22°40'29	3♉59	16°29	23°49	1°39	4°38	24° 1	26°31	5°35	12°52	13°43	13°16	6°38	n.a.	S 26
S 27	15 35 9	23°37'35	19° 6	17°53	25° 2	2°19	4°45	24° 9	26°35	5°34	12°52	13°R43	13°12	6°44	n.a.	S 27
M28	15 39 5	24°34'41	4♊11	19°15	26°16	2°59	4°53	24°16	26°38	5°32	12°52	13°42	13° 9	6°51	n.a.	M28
T 29	15 43 2	25°31'47	19° 5	20°35	27°30	3°39	5° 1	24°23	26°41	5°31	12°52	13°41	13° 6	6°58	n.a.	T 29
W30	15 46 59	26°28'53	3♋41	21°52	28°44	4°19	5° 9	24°30	26°44	5°29	12°52	13°40	13° 3	7° 4	n.a.	W30
T 31	15 50 55	27♉25'59	17♋52	23♊ 7	29♉57	4♓58	5♌17	24♈37	26♊48	5♏28	12♒52	13♏38	13♏ 0	7♏11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n15	20n 2	2s24	12n 5	0n35	8n25	0s47	18s35	1s53	21n20	1n22	6n18	2s 8	24n 8	0n23	12s 4	1n52	31s59	15s27	16s13	16s29	13s55			n.a.
W 2	11 36	20 15	3 30	13 1	0 45	8 54	0 45	18 23	1 54	21 18	1 22	6 21	2 8	24 8	0 23	12 3	1 52	31 59	15 27	16 13	16 28	13 56			n.a.
T 3	11 56	19 10	4 21	13 56	0 54	9 23	0 43	18 12	1 55	21 17	1 22	6 24	2 8	24 8	0 23	12 3	1 52	31 59	15 28	16 13	16 27	13 58			n.a.
F 4	12 16	17 1	4 56	14 49	1 3	9 52	0 41	18 0	1 56	21 16	1 22	6 27	2 8	24 8	0 23	12 2	1 52	31 59	15 28	16 14	16 26	13 59			n.a.
S 5	12 36	14 2	5 14	15 40	1 12	10 21	0 39	17 48	1 57	21 15	1 22	6 30	2 8	24 8	0 23	12 2	1 52	31 59	15 28	16 14	16 25	14 1			n.a.
S 6	12 56	10 27	5 16	16 29	1 20	10 50	0 36	17 35	1 58	21 14	1 21	6 33	2 8	24 8	0 23	12 1	1 52	32 0	15 29	16 14	16 24	14 2			n.a.
M 7	13 16	6 29	5 3	17 16	1 27	11 18	0 34	17 23	1 59	21 12	1 21	6 36	2 8	24 8	0 23	12 1	1 52	32 0	15 29	16 13	16 23	14 3			n.a.
T 8	13 35	2 20	4 35	18 1	1 34	11 46	0 32	17 11	2 0	21 11	1 21	6 39	2 8	24 8	0 23	12 0	1 52	32 0	15 30	16 13	16 22	14 5			n.a.
W 9	13 54	1s51	3 56	18 44	1 40	12 14	0 30	16 58	2 1	21 10	1 21	6 41	2 8	24 8	0 23	12 0	1 52	32 0	15 30	16 13	16 21	14 6			n.a.
T 10	14 13	5 56	3 7	19 24	1 46	12 41	0 28	16 45	2 2	21 8	1 21	6 44	2 8	24 8	0 23	11 59	1 52	32 1	15 30	16 12	16 20	14 8			n.a.
F 11	14 32	9 45	2 11	20 2	1 51	13 8	0 25	16 33	2 3	21 7	1 21	6 47	2 8	24 8	0 23	11 58	1 52	32 1	15 31	16 12	16 19	14 9			n.a.
S 12	14 51	13 10	1 8	20 37	1 55	13 35	0 23	16 20	2 4	21 5	1 20	6 50	2 8	24 8	0 23	11 58	1 52	32 1	15 31	16 12	16 18	14 11			n.a.
S 13	15 9	16 4	0 3	21 10	1 59	14 2	0 21	16 7	2 5	21 4	1 20	6 53	2 8	24 9	0 23	11 57	1 52	32 1	15 31	16 12	16 17	14 12			n.a.
M14	15 27	18 18	1n 2	21 41	2 1	14 28	0 18	15 54	2 6	21 2	1 20	6 56	2 8	24 9	0 23	11 57	1 52	32 2	15 32	16 12	16 16	14 14			n.a.
T 15	15 45	19 45	2 5	22 9	2 3	14 54	0 16	15 41	2 7	21 1	1 20	6 59	2 8	24 9	0 23	11 56	1 52	32 2	15 32	16 12	16 15	14 15			n.a.
W16	16 3	20 18	3 3	22 35	2 5	15 19	0 14	15 28	2 8	20 59	1 20	7 2	2 8	24 9	0 23	11 56	1 52	32 2	15 33	16 12	16 14	14 16			n.a.
T 17	16 20	19 56	3 54	22 58	2 6	15 44	0 11	15 15	2 9	20 57	1 19	7 4	2 8	24 9	0 23	11 55	1 52	32 2	15 33	16 12	16 13	14 18			n.a.
F 18	16 37	18 36	4 34	23 19	2 6	16 9	0 9	15 1	2 10	20 56	1 19	7 7	2 8	24 9	0 23	11 55	1 52	32 3	15 33	16 12	16 12	14 19			n.a.
S 19	16 54	16 21	5 3	23 38	2 5	16 33	0 7	14 48	2 11	20 54	1 19	7 10	2 8	24 9	0 23	11 54	1 52	32 3	15 34	16 12	16 11	14 21			n.a.
S 20	17 11	13 16	5 17	23 54	2 4	16 57	0 4	14 34	2 12	20 52	1 19	7 13	2 8	24 9	0 23	11 54	1 52	32 3	15 34	16 12	16 10	14 22			n.a.
M21	17 27	9 26	5 14	24 8	2 2	17 21	0 2	14 21	2 13	20 50	1 19	7 15	2 8	24 9	0 23	11 53	1 52	32 4	15 34	16 12	16 9	14 24			n.a.
T 22	17 43	5 0	4 55	24 21	1 59	17 44	0n 0	14 7	2 14	20 48	1 19	7 18	2 8	24 9	0 23	11 53	1 52	32 4	15 35	16 12	16 8	14 25			n.a.
W23	17 59	0 11	4 17	24 31	1 56	18 6	0 3	13 54	2 15	20 47	1 18	7 21	2 8	24 9	0 23	11 52	1 52	32 4	15 35	16 12	16 7	14 26			n.a.
T 24	18 14	4n47	3 22	24 39	1 52	18 29	0 5	13 40	2 16	20 45	1 18	7 24	2 8	24 9	0 23	11 52	1 52	32 5	15 36	16 12	16 6	14 28			n.a.
F 25	18 30	9 36	2 13	24 45	1 48	18 50	0 7	13 26	2 17	20 43	1 18	7 26	2 8	24 10	0 23	11 51	1 52	32 5	15 36	16 13	16 5	14 29			n.a.
S 26	18 44	13 54	0 54	24 50	1 43	19 11	0 10	13 13	2 18	20 41	1 18	7 29	2 8	24 10	0 23	11 51	1 52	32 5	15 36	16 13	16 4	14 31			n.a.
S 27	18 59	17 18	0s30	24 53	1 37	19 32	0 12	12 59	2 19	20 39	1 18	7 32	2 8	24 10	0 23	11 50	1 52	32 6	15 37	16 13	16 3	14 32			n.a.
M28	19 13	19 30	1 51	24 54	1 31	19 52	0 14	12 45	2 20	20 37	1 18	7 34	2 9	24 10	0 23	11 50	1 52	32 6	15 37	16 13	16 2	14 33			n.a.
T 29	19 27	20 19	3 4	24 53	1 24	20 12	0 17	12 31	2 21	20 35	1 18	7 37	2 9	24 10	0 23	11 49	1 52	32 7	15 37	16 12	16 2	14 35			n.a.
W30	19 41	19 44	4 3	24 51	1 17	20 31	0 19	12 17	2 22	20 32	1 17	7 39	2 9	24 10	0 23	11 49	1 52	32 7	15 38	16 12	16 1	14 36			n.a.
T 31	19n54	17n54	4s45	24n48	1n 9	20n49	0n21	12s 3	2s23	20n30	1n17	7n42	2s 9	24n10	0n23	11s48	1n52	32s 7	15s38	16s11	16s 0	14s38			n.a.

Julian Day Number = 1300775.5, Delta T = 07h50m34s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'20, Lahiri = -19°51'20 Julian Calendar 1 May 1152 BCE == Greg. Calendar 20 Apr. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

JUNE 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 54 52	28♉23'05	1♌36	24♊19	1♊11	5♓38	5♌25	24♈44	26♊51	5°R26	12°R51	13°R37	12♏57	7♏18	n.a.	F 1
S 2	15 58 48	29°20'12	14°54	25°29	2°25	6°17	5°33	24°51	26°55	5♏25	12♒51	13♏36	12°53	7°24	n.a.	S 2
S 3	16 2 45	0♊17'18	27°47	26°35	3°39	6°56	5°42	24°58	26°58	5°23	12°51	13°D35	12°50	7°31	n.a.	S 3
M 4	16 6 41	1°14'25	10♍18	27°39	4°53	7°35	5°50	25° 5	27° 1	5°22	12°51	13°35	12°47	7°38	n.a.	M 4
T 5	16 10 38	2°11'31	22°32	28°40	6° 6	8°14	5°59	25°12	27° 5	5°20	12°51	13°36	12°44	7°44	n.a.	T 5
W 6	16 14 34	3° 8'38	4♎33	29°38	7°20	8°53	6° 8	25°19	27° 8	5°19	12°50	13°38	12°41	7°51	n.a.	W 6
T 7	16 18 31	4° 5'45	16°26	0♋33	8°34	9°31	6°16	25°26	27°12	5°18	12°50	13°39	12°37	7°57	n.a.	T 7
F 8	16 22 28	5° 2'52	28°14	1°25	9°48	10° 9	6°25	25°33	27°15	5°16	12°50	13°41	12°34	8° 4	n.a.	F 8
S 9	16 26 24	6° 0'00	10♏ 2	2°13	11° 2	10°48	6°34	25°39	27°19	5°15	12°49	13°R41	12°31	8°11	n.a.	S 9
S 10	16 30 21	6°57'09	21°51	2°58	12°16	11°26	6°44	25°46	27°22	5°14	12°49	13°41	12°28	8°17	n.a.	S 10
M11	16 34 17	7°54'18	3♐46	3°39	13°30	12° 4	6°53	25°53	27°26	5°12	12°49	13°40	12°25	8°24	n.a.	M11
T 12	16 38 14	8°51'28	15°49	4°17	14°43	12°41	7° 2	25°59	27°29	5°11	12°48	13°37	12°22	8°31	n.a.	T 12
W13	16 42 10	9°48'38	28° 0	4°50	15°57	13°19	7°12	26° 6	27°33	5°10	12°48	13°34	12°18	8°37	n.a.	W13
T 14	16 46 7	10°45'49	10♑22	5°19	17°11	13°56	7°21	26°12	27°37	5° 9	12°47	13°30	12°15	8°44	n.a.	T 14
F 15	16 50 4	11°43'01	22°56	5°45	18°25	14°33	7°31	26°19	27°40	5° 7	12°47	13°25	12°12	8°51	n.a.	F 15
S 16	16 54 0	12°40'14	5♒43	6° 5	19°39	15°10	7°41	26°25	27°44	5° 6	12°46	13°21	12° 9	8°57	n.a.	S 16
S 17	16 57 57	13°37'29	18°44	6°21	20°53	15°47	7°51	26°31	27°47	5° 5	12°46	13°18	12° 6	9° 4	n.a.	S 17
M18	17 1 53	14°34'44	2♓ 2	6°32	22° 7	16°24	8° 1	26°37	27°51	5° 4	12°45	13°16	12° 3	9°11	n.a.	M18
T 19	17 5 50	15°32'00	15°38	6°39	23°21	17° 0	8°11	26°43	27°55	5° 3	12°45	13°D15	11°59	9°17	n.a.	T 19
W20	17 9 46	16°29'18	29°31	6°R40	24°35	17°36	8°21	26°50	27°58	5° 2	12°44	13°16	11°56	9°24	n.a.	W20
T 21	17 13 43	17°26'37	13♈43	6°37	25°49	18°12	8°31	26°56	28° 2	5° 0	12°44	13°17	11°53	9°31	n.a.	T 21
F 22	17 17 39	18°23'57	28°12	6°28	27° 3	18°48	8°41	27° 2	28° 6	4°59	12°43	13°18	11°50	9°37	n.a.	F 22
S 23	17 21 36	19°21'18	12♉54	6°14	28°17	19°23	8°52	27° 7	28° 9	4°58	12°42	13°R19	11°47	9°44	n.a.	S 23
S 24	17 25 33	20°18'41	27°45	5°55	29°31	19°59	9° 2	27°13	28°13	4°57	12°42	13°18	11°43	9°50	n.a.	S 24
M25	17 29 29	21°16'05	12♊37	5°31	0♋45	20°34	9°13	27°19	28°17	4°56	12°41	13°16	11°40	9°57	n.a.	M25
T 26	17 33 26	22°13'30	27°24	5° 3	1°59	21° 9	9°23	27°25	28°20	4°55	12°40	13°11	11°37	10° 4	n.a.	T 26
W27	17 37 22	23°10'57	11♋56	4°30	3°13	21°43	9°34	27°30	28°24	4°54	12°40	13° 6	11°34	10°10	n.a.	W27
T 28	17 41 19	24° 8'24	26° 8	3°53	4°27	22°18	9°45	27°36	28°28	4°54	12°39	12°59	11°31	10°17	n.a.	T 28
F 29	17 45 15	25° 5'52	9♌56	3°12	5°41	22°52	9°56	27°41	28°32	4°53	12°38	12°53	11°28	10°24	n.a.	F 29
S 30	17 49 12	26♊ 3'22	23♌17	2♋28	6♋55	23♓25	10♌ 6	27♈47	28♊35	4♏52	12♒37	12♏48	11♏24	10♏30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 7	15n 6	5s10	24n43	1n 1	21n 7	0n24	11s49	2s24	20n28	1n17	7n44	2s 9	24n10	0n23	11s48	1n51	32s 8	15s39	16s11	15s59	14s39		n.a.
S 2	20 20	11 35	5 17	24 37	0 52	21 24	0 26	11 36	2 25	20 26	1 17	7 47	2 9	24 10	0 23	11 47	1 51	32 8	15 39	16 11	15 58	14 40		n.a.
S 3	20 33	7 38	5 7	24 30	0 43	21 41	0 28	11 22	2 26	20 24	1 17	7 50	2 9	24 10	0 23	11 47	1 51	32 9	15 39	16 10	15 57	14 42		n.a.
M 4	20 45	3 28	4 43	24 21	0 33	21 57	0 30	11 8	2 27	20 21	1 17	7 52	2 9	24 10	0 23	11 47	1 51	32 9	15 40	16 11	15 56	14 43		n.a.
T 5	20 56	0s45	4 7	24 12	0 23	22 13	0 33	10 54	2 28	20 19	1 16	7 54	2 9	24 10	0 23	11 46	1 51	32 9	15 40	16 11	15 55	14 44		n.a.
W 6	21 8	4 53	3 20	24 2	0 12	22 28	0 35	10 40	2 29	20 17	1 16	7 57	2 9	24 11	0 23	11 46	1 51	32 10	15 40	16 11	15 54	14 46		n.a.
T 7	21 19	8 47	2 25	23 50	0 1	22 42	0 37	10 26	2 30	20 14	1 16	7 59	2 9	24 11	0 23	11 45	1 51	32 10	15 41	16 12	15 53	14 47		n.a.
F 8	21 29	12 20	1 24	23 38	0s11	22 56	0 39	10 12	2 31	20 12	1 16	8 2	2 9	24 11	0 23	11 45	1 51	32 11	15 41	16 12	15 52	14 48		n.a.
S 9	21 40	15 23	0 20	23 26	0 23	23 9	0 41	9 58	2 31	20 9	1 16	8 4	2 10	24 11	0 23	11 44	1 51	32 11	15 41	16 12	15 51	14 50		n.a.
S 10	21 49	17 48	0n45	23 13	0 35	23 21	0 43	9 44	2 32	20 7	1 16	8 6	2 10	24 11	0 23	11 44	1 51	32 12	15 42	16 12	15 50	14 51		n.a.
M11	21 59	19 28	1 48	22 59	0 48	23 33	0 45	9 30	2 33	20 4	1 16	8 9	2 10	24 11	0 23	11 44	1 51	32 12	15 42	16 12	15 49	14 53		n.a.
T 12	22 8	20 17	2 48	22 45	1 1	23 43	0 47	9 16	2 34	20 2	1 16	8 11	2 10	24 11	0 23	11 43	1 51	32 13	15 42	16 11	15 48	14 54		n.a.
W13	22 17	20 9	3 40	22 30	1 14	23 54	0 49	9 2	2 35	19 59	1 15	8 13	2 10	24 11	0 23	11 43	1 51	32 13	15 43	16 10	15 47	14 55		n.a.
T 14	22 25	19 3	4 23	22 16	1 28	24 3	0 51	8 48	2 36	19 57	1 15	8 16	2 10	24 11	0 23	11 42	1 51	32 13	15 43	16 9	15 46	14 57		n.a.
F 15	22 34	17 1	4 54	22 1	1 41	24 12	0 53	8 35	2 37	19 54	1 15	8 18	2 10	24 11	0 23	11 42	1 51	32 14	15 43	16 7	15 45	14 58		n.a.
S 16	22 41	14 8	5 10	21 46	1 55	24 20	0 55	8 21	2 37	19 51	1 15	8 20	2 10	24 11	0 23	11 42	1 51	32 14	15 44	16 6	15 44	14 59		n.a.
S 17	22 48	10 31	5 12	21 31	2 9	24 28	0 57	8 7	2 38	19 49	1 15	8 22	2 10	24 11	0 23	11 41	1 51	32 15	15 44	16 5	15 43	15 1		n.a.
M18	22 55	6 19	4 57	21 17	2 23	24 34	0 59	7 53	2 39	19 46	1 15	8 24	2 11	24 11	0 23	11 41	1 51	32 15	15 44	16 4	15 42	15 2		n.a.
T 19	23 2	1 42	4 25	21 3	2 37	24 40	1 1	7 40	2 40	19 43	1 15	8 26	2 11	24 11	0 23	11 41	1 51	32 16	15 45	16 4	15 41	15 3		n.a.
W20	23 8	3n 7	3 37	20 49	2 51	24 45	1 2	7 26	2 41	19 40	1 15	8 29	2 11	24 12	0 23	11 40	1 51	32 16	15 45	16 4	15 40	15 4		n.a.
T 21	23 14	7 52	2 35	20 36	3 4	24 50	1 4	7 12	2 41	19 38	1 14	8 31	2 11	24 12	0 23	11 40	1 51	32 17	15 45	16 5	15 39	15 6		n.a.
F 22	23 19	12 16	1 22	20 23	3 17	24 53	1 6	6 59	2 42	19 35	1 14	8 33	2 11	24 12	0 23	11 40	1 51	32 17	15 46	16 5	15 38	15 7		n.a.
S 23	23 24	16 0	0 2	20 11	3 30	24 56	1 7	6 45	2 43	19 32	1 14	8 35	2 11	24 12	0 23	11 39	1 51	32 18	15 46	16 5	15 37	15 8		n.a.
S 24	23 28	18 43	1s18	20 0	3 42	24 59	1 9	6 32	2 44	19 29	1 14	8 37	2 11	24 12	0 23	11 39	1 51	32 18	15 46	16 5	15 36	15 10		n.a.
M25	23 32	20 9	2 33	19 50	3 53	25 0	1 10	6 19	2 44	19 26	1 14	8 39	2 11	24 12	0 23	11 39	1 50	32 19	15 47	16 4	15 35	15 11		n.a.
T 26	23 36	20 11	3 37	19 41	4 3	25 1	1 12	6 5	2 45	19 23	1 14	8 41	2 12	24 12	0 23	11 39	1 50	32 19	15 47	16 3	15 34	15 12		n.a.
W27	23 39	18 52	4 26	19 33	4 12	25 0	1 13	5 52	2 46	19 20	1 14	8 42	2 12	24 12	0 23	11 38	1 50	32 20	15 47	16 1	15 33	15 14		n.a.
T 28	23 42	16 24	4 57	19 26	4 20	25 0	1 14	5 39	2 47	19 17	1 14	8 44	2 12	24 12	0 23	11 38	1 50	32 20	15 48	15 59	15 32	15 15		n.a.
F 29	23 44	13 5	5 10	19 21	4 27	24 58	1 16	5 26	2 47	19 14	1 14	8 46	2 12	24 12	0 23	11 38	1 50	32 21	15 48	15 58	15 31	15 16		n.a.
S 30	23n46	9n11	5s 5	19n16	4s32	24n56	1n17	5s13	2s48	19n11	1n14	8n48	2s12	24n12	0n23	11s37	1n50	32s21	15s48	15s56	15s30	15s17		n.a.

Julian Day Number = 1300806.5, Delta T = 07h50m32s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'16, Lahiri = -19°51'16 Julian Calendar 1 June 1152 BCE == Greg. Calendar 21 May 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

JULY 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 53 8	27♊ 0'52	6♍13	1°R42	8♋ 9	23♓59	10♌17	27♈52	28♊39	4°R51	12°R37	12°R44	11♏21	10♏37	n.a.	S 1
M 2	17 57 5	27°58'23	18°46	0♋55	9°23	24°32	10°29	27°57	28°43	4♏50	12♒36	12♏42	11°18	10°44	n.a.	M 2
T 3	18 1 2	28°55'56	1♎ 0	0° 6	10°37	25° 5	10°40	28° 3	28°47	4°49	12°35	12°D42	11°15	10°50	n.a.	T 3
W 4	18 4 58	29°53'29	13° 1	29♊18	11°51	25°38	10°51	28° 8	28°50	4°49	12°34	12°42	11°12	10°57	n.a.	W 4
T 5	18 8 55	0♋51'04	24°52	28°31	13° 5	26°11	11° 2	28°13	28°54	4°48	12°33	12°44	11° 9	11° 4	n.a.	T 5
F 6	18 12 51	1°48'39	6♏40	27°46	14°19	26°43	11°14	28°18	28°58	4°47	12°33	12°R45	11° 5	11°10	n.a.	F 6
S 7	18 16 48	2°46'16	18°29	27° 4	15°34	27°15	11°25	28°23	29° 1	4°46	12°32	12°45	11° 2	11°17	n.a.	S 7
S 8	18 20 44	3°43'55	0♐22	26°26	16°48	27°46	11°36	28°27	29° 5	4°46	12°31	12°43	10°59	11°23	n.a.	S 8
M 9	18 24 41	4°41'34	12°25	25°52	18° 2	28°18	11°48	28°32	29° 9	4°45	12°30	12°39	10°56	11°30	n.a.	M 9
T 10	18 28 37	5°39'15	24°38	25°23	19°16	28°49	12° 0	28°37	29°13	4°45	12°29	12°33	10°53	11°37	n.a.	T 10
W11	18 32 34	6°36'58	7♑ 4	25° 1	20°30	29°19	12°11	28°41	29°16	4°44	12°28	12°25	10°49	11°43	n.a.	W11
T 12	18 36 31	7°34'42	19°44	24°45	21°44	29°50	12°23	28°46	29°20	4°43	12°27	12°16	10°46	11°50	n.a.	T 12
F 13	18 40 27	8°32'28	2♒37	24°36	22°58	0♈20	12°35	28°50	29°24	4°43	12°26	12° 6	10°43	11°57	n.a.	F 13
S 14	18 44 24	9°30'15	15°43	24°D35	24°12	0°50	12°47	28°54	29°27	4°43	12°25	11°56	10°40	12° 3	n.a.	S 14
S 15	18 48 20	10°28'04	29° 1	24°41	25°26	1°19	12°58	28°59	29°31	4°42	12°24	11°49	10°37	12°10	n.a.	S 15
M16	18 52 17	11°25'55	12♓30	24°55	26°40	1°48	13°10	29° 3	29°35	4°42	12°23	11°43	10°34	12°17	n.a.	M16
T 17	18 56 13	12°23'48	26°11	25°17	27°55	2°17	13°22	29° 7	29°38	4°41	12°22	11°40	10°30	12°23	n.a.	T 17
W18	19 0 10	13°21'43	10♈ 3	25°46	29° 9	2°45	13°34	29°11	29°42	4°41	12°21	11°D39	10°27	12°30	n.a.	W18
T 19	19 4 6	14°19'40	24° 6	26°23	0♌23	3°13	13°46	29°14	29°46	4°41	12°20	11°39	10°24	12°37	n.a.	T 19
F 20	19 8 3	15°17'39	8♉18	27° 8	1°37	3°40	13°59	29°18	29°49	4°40	12°19	11°R39	10°21	12°43	n.a.	F 20
S 21	19 12 0	16°15'40	22°40	28° 0	2°51	4° 8	14°11	29°22	29°53	4°40	12°18	11°39	10°18	12°50	n.a.	S 21
S 22	19 15 56	17°13'44	7♊ 8	28°59	4° 5	4°34	14°23	29°25	29°56	4°40	12°17	11°37	10°15	12°57	n.a.	S 22
M23	19 19 53	18°11'49	21°37	0♋ 6	5°19	5° 1	14°35	29°29	0♋ 0	4°40	12°16	11°32	10°11	13° 3	n.a.	M23
T 24	19 23 49	19° 9'56	6♋ 4	1°18	6°34	5°27	14°48	29°32	0° 4	4°40	12°15	11°24	10° 8	13°10	n.a.	T 24
W25	19 27 46	20° 8'05	20°20	2°36	7°48	5°52	15° 0	29°36	0° 7	4°39	12°13	11°14	10° 5	13°16	n.a.	W25
T 26	19 31 42	21° 6'16	4♌21	4° 0	9° 2	6°17	15°12	29°39	0°11	4°39	12°12	11° 3	10° 2	13°23	n.a.	T 26
F 27	19 35 39	22° 4'29	18° 2	5°30	10°16	6°42	15°25	29°42	0°14	4°39	12°11	10°52	9°59	13°30	n.a.	F 27
S 28	19 39 35	23° 2'44	1♍21	7° 3	11°30	7° 6	15°37	29°45	0°18	4°D39	12°10	10°42	9°55	13°36	n.a.	S 28
S 29	19 43 32	24° 1'00	14°15	8°41	12°44	7°29	15°50	29°48	0°21	4°39	12° 9	10°34	9°52	13°43	n.a.	S 29
M30	19 47 29	24°59'18	26°48	10°22	13°59	7°53	16° 3	29°50	0°25	4°39	12° 8	10°29	9°49	13°50	n.a.	M30
T 31	19 51 25	25♋57'37	9♎ 3	12♋ 7	15♌13	8♈15	16♌15	29♈53	0♋28	4♏39	12♒ 7	10♏26	9♏46	13♏56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n48	4n58	4s45	19n14	4s36	24n52	1n18	5s 0	2s49	19n 8	1n13	8n50	2s12	24n12	0n23	11s37	1n50	32s22	15s48	15s55	15s29	15s19			n.a.
M 2	23 49	0 40	4 11	19 12	4 37	24 48	1 19	4 47	2 50	19 4	1 13	8 52	2 13	24 12	0 23	11 37	1 50	32 22	15 49	15 54	15 28	15 20			n.a.
T 3	23 50	3s33	3 27	19 13	4 37	24 44	1 20	4 35	2 50	19 1	1 13	8 53	2 13	24 12	0 23	11 37	1 50	32 23	15 49	15 54	15 27	15 21			n.a.
W 4	23 50	7 34	2 34	19 14	4 35	24 38	1 21	4 22	2 51	18 58	1 13	8 55	2 13	24 12	0 23	11 37	1 50	32 23	15 49	15 54	15 26	15 23			n.a.
T 5	23 50	11 15	1 35	19 18	4 32	24 32	1 22	4 10	2 52	18 55	1 13	8 57	2 13	24 12	0 23	11 36	1 50	32 24	15 50	15 55	15 25	15 24			n.a.
F 6	23 49	14 29	0 33	19 22	4 26	24 25	1 23	3 57	2 52	18 52	1 13	8 58	2 13	24 12	0 23	11 36	1 50	32 24	15 50	15 55	15 24	15 25			n.a.
S 7	23 48	17 7	0n31	19 29	4 19	24 18	1 24	3 45	2 53	18 48	1 13	9 0	2 13	24 12	0 23	11 36	1 50	32 25	15 50	15 55	15 23	15 26			n.a.
S 8	23 47	19 2	1 34	19 37	4 10	24 9	1 25	3 33	2 54	18 45	1 13	9 1	2 13	24 12	0 23	11 36	1 50	32 25	15 50	15 54	15 22	15 28			n.a.
M 9	23 45	20 8	2 33	19 46	4 0	24 0	1 25	3 21	2 54	18 42	1 13	9 3	2 14	24 12	0 23	11 36	1 50	32 26	15 51	15 53	15 21	15 29			n.a.
T 10	23 42	20 18	3 26	19 57	3 48	23 50	1 26	3 9	2 55	18 38	1 13	9 4	2 14	24 13	0 23	11 36	1 50	32 26	15 51	15 51	15 20	15 30			n.a.
W11	23 40	19 29	4 10	20 9	3 35	23 40	1 26	2 57	2 55	18 35	1 13	9 6	2 14	24 13	0 23	11 35	1 50	32 27	15 51	15 49	15 19	15 31			n.a.
T 12	23 37	17 42	4 42	20 23	3 21	23 28	1 27	2 45	2 56	18 31	1 13	9 7	2 14	24 13	0 23	11 35	1 50	32 28	15 51	15 46	15 18	15 33			n.a.
F 13	23 33	15 1	5 1	20 38	3 6	23 16	1 27	2 33	2 57	18 28	1 13	9 9	2 14	24 13	0 23	11 35	1 49	32 28	15 52	15 43	15 17	15 34			n.a.
S 14	23 29	11 33	5 4	20 53	2 50	23 4	1 28	2 22	2 57	18 24	1 13	9 10	2 15	24 13	0 23	11 35	1 49	32 29	15 52	15 40	15 16	15 35			n.a.
S 15	23 25	7 27	4 52	21 10	2 34	22 50	1 28	2 11	2 58	18 21	1 12	9 11	2 15	24 13	0 23	11 35	1 49	32 29	15 52	15 38	15 15	15 36			n.a.
M16	23 20	2 56	4 23	21 27	2 17	22 36	1 28	1 59	2 58	18 17	1 12	9 13	2 15	24 13	0 23	11 35	1 49	32 30	15 52	15 36	15 14	15 37			n.a.
T 17	23 14	1n47	3 38	21 44	2 0	22 22	1 28	1 48	2 59	18 14	1 12	9 14	2 15	24 13	0 23	11 35	1 49	32 30	15 52	15 35	15 13	15 39			n.a.
W18	23 9	6 30	2 41	22 2	1 43	22 6	1 29	1 37	2 59	18 10	1 12	9 15	2 15	24 13	0 23	11 35	1 49	32 31	15 53	15 34	15 12	15 40			n.a.
T 19	23 3	10 55	1 32	22 20	1 27	21 50	1 29	1 27	3 0	18 7	1 12	9 16	2 15	24 13	0 23	11 35	1 49	32 31	15 53	15 34	15 11	15 41			n.a.
F 20	22 56	14 47	0 18	22 38	1 10	21 34	1 29	1 16	3 0	18 3	1 12	9 18	2 16	24 13	0 23	11 35	1 49	32 32	15 53	15 35	15 10	15 42			n.a.
S 21	22 49	17 48	0s58	22 55	0 54	21 16	1 28	1 6	3 1	17 59	1 12	9 19	2 16	24 13	0 23	11 35	1 49	32 32	15 53	15 34	15 9	15 44			n.a.
S 22	22 42	19 42	2 11	23 11	0 38	20 59	1 28	0 55	3 1	17 56	1 12	9 20	2 16	24 13	0 23	11 35	1 49	32 33	15 53	15 34	15 8	15 45			n.a.
M23	22 34	20 18	3 16	23 27	0 23	20 40	1 28	0 45	3 2	17 52	1 12	9 21	2 16	24 13	0 23	11 35	1 49	32 33	15 54	15 32	15 7	15 46			n.a.
T 24	22 26	19 34	4 8	23 41	0 8	20 21	1 28	0 35	3 2	17 48	1 12	9 22	2 16	24 13	0 23	11 35	1 49	32 34	15 54	15 30	15 6	15 47			n.a.
W25	22 18	17 36	4 43	23 54	0n 6	20 1	1 27	0 25	3 3	17 45	1 12	9 23	2 17	24 13	0 23	11 35	1 49	32 34	15 54	15 27	15 5	15 48			n.a.
T 26	22 9	14 37	5 0	24 5	0 19	19 41	1 27	0 16	3 3	17 41	1 12	9 24	2 17	24 13	0 23	11 35	1 49	32 35	15 54	15 23	15 4	15 49			n.a.
F 27	21 59	10 55	5 0	24 14	0 31	19 20	1 26	0 6	3 4	17 37	1 12	9 25	2 17	24 13	0 23	11 35	1 49	32 35	15 54	15 20	15 3	15 51			n.a.
S 28	21 49	6 46	4 43	24 21	0 43	18 59	1 26	0n 3	3 4	17 33	1 12	9 26	2 17	24 13	0 23	11 35	1 48	32 36	15 54	15 17	15 2	15 52			n.a.
S 29	21 39	2 25	4 12	24 25	0 53	18 37	1 25	0 12	3 4	17 29	1 12	9 26	2 17	24 13	0 23	11 35	1 48	32 36	15 54	15 14	15 1	15 53			n.a.
M30	21 29	1s55	3 30	24 28	1 3	18 15	1 24	0 21	3 5	17 26	1 12	9 27	2 18	24 13	0 23	11 35	1 48	32 37	15 55	15 12	15 0	15 54			n.a.
T 31	21n18	6s 4	2s38	24n27	1n11	17n52	1n24	0n30	3s 5	17n22	1n12	9n28	2s18	24n13	0n23	11s35	1n48	32s37	15s55	15s11	14s59	15s55			n.a.

Julian Day Number = 1300836.5, Delta T = 07h50m31s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'12, Lahiri = -19°51'12 Julian Calendar 1 July 1152 BCE == Greg. Calendar 20 June 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

AUGUST 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 55 22	26♋55'59	21♎ 3	13♋53	16♌27	8♈37	16♌28	29♈56	0♋32	4♏39	12°R 5	10°R24	9♏43	14♏ 3	n.a.	W 1
T 2	19 59 18	27°54'22	2♏55	15°42	17°41	8°59	16°40	29°58	0°35	4°40	12♒ 4	10°D24	9°40	14°10	n.a.	T 2
F 3	20 3 15	28°52'47	14°43	17°33	18°55	9°20	16°53	0♉ 1	0°39	4°40	12° 3	10°R24	9°36	14°16	n.a.	F 3
S 4	20 7 11	29°51'13	26°33	19°25	20° 9	9°41	17° 6	0° 3	0°42	4°40	12° 2	10♏23	9°33	14°23	n.a.	S 4
S 5	20 11 8	0♌49'42	8♐30	21°18	21°23	10° 1	17°19	0° 5	0°45	4°40	12° 1	10°20	9°30	14°30	n.a.	S 5
M 6	20 15 4	1°48'12	20°39	23°12	22°37	10°20	17°31	0° 7	0°49	4°41	12° 0	10°15	9°27	14°36	n.a.	M 6
T 7	20 19 1	2°46'44	3♑ 2	25° 5	23°52	10°39	17°44	0° 9	0°52	4°41	11°58	10° 7	9°24	14°43	n.a.	T 7
W 8	20 22 58	3°45'18	15°43	26°59	25° 6	10°58	17°57	0°11	0°55	4°41	11°57	9°56	9°20	14°50	n.a.	W 8
T 9	20 26 54	4°43'54	28°41	28°53	26°20	11°16	18°10	0°13	0°58	4°42	11°56	9°44	9°17	14°56	n.a.	T 9
F 10	20 30 51	5°42'33	11♒55	0♌46	27°34	11°33	18°23	0°14	1° 2	4°42	11°55	9°31	9°14	15° 3	n.a.	F 10
S 11	20 34 47	6°41'13	25°25	2°39	28°48	11°49	18°36	0°16	1° 5	4°42	11°54	9°19	9°11	15° 9	n.a.	S 11
S 12	20 38 44	7°39'55	9♓ 7	4°32	0♍ 2	12° 5	18°49	0°17	1° 8	4°43	11°52	9° 9	9° 8	15°16	n.a.	S 12
M13	20 42 40	8°38'40	22°58	6°24	1°16	12°21	19° 1	0°18	1°11	4°43	11°51	9° 1	9° 5	15°23	n.a.	M13
T 14	20 46 37	9°37'27	6♈55	8°15	2°30	12°35	19°14	0°20	1°14	4°44	11°50	8°56	9° 1	15°29	n.a.	T 14
W15	20 50 33	10°36'16	20°56	10° 5	3°44	12°49	19°27	0°21	1°17	4°44	11°49	8°54	8°58	15°36	n.a.	W15
T 16	20 54 30	11°35'08	5♉ 1	11°54	4°58	13° 3	19°40	0°22	1°21	4°45	11°47	8°53	8°55	15°43	n.a.	T 16
F 17	20 58 26	12°34'03	19° 7	13°43	6°12	13°15	19°53	0°22	1°24	4°46	11°46	8°53	8°52	15°49	n.a.	F 17
S 18	21 2 23	13°32'59	3♊14	15°30	7°26	13°27	20° 6	0°23	1°27	4°46	11°45	8°52	8°49	15°56	n.a.	S 18
S 19	21 6 20	14°31'59	17°21	17°17	8°40	13°38	20°19	0°24	1°30	4°47	11°44	8°49	8°46	16° 3	n.a.	S 19
M20	21 10 16	15°31'01	1♋26	19° 3	9°54	13°49	20°33	0°24	1°32	4°48	11°43	8°44	8°42	16° 9	n.a.	M20
T 21	21 14 13	16°30'05	15°26	20°48	11° 8	13°59	20°46	0°25	1°35	4°48	11°41	8°35	8°39	16°16	n.a.	T 21
W22	21 18 9	17°29'12	29°18	22°32	12°22	14° 8	20°59	0°25	1°38	4°49	11°40	8°24	8°36	16°23	n.a.	W22
T 23	21 22 6	18°28'20	12♌58	24°15	13°36	14°16	21°12	0°25	1°41	4°50	11°39	8°12	8°33	16°29	n.a.	T 23
F 24	21 26 2	19°27'31	26°22	25°57	14°50	14°23	21°25	0°R25	1°44	4°51	11°38	7°59	8°30	16°36	n.a.	F 24
S 25	21 29 59	20°26'44	9♍28	27°39	16° 4	14°30	21°38	0°25	1°47	4°52	11°36	7°48	8°26	16°43	n.a.	S 25
S 26	21 33 55	21°26'00	22°15	29°19	17°18	14°36	21°51	0°25	1°49	4°53	11°35	7°38	8°23	16°49	n.a.	S 26
M27	21 37 52	22°25'17	4♎43	0♍59	18°32	14°40	22° 4	0°25	1°52	4°54	11°34	7°31	8°20	16°56	n.a.	M27
T 28	21 41 48	23°24'36	16°55	2°37	19°46	14°45	22°17	0°24	1°55	4°55	11°33	7°27	8°17	17° 2	n.a.	T 28
W29	21 45 45	24°23'57	28°54	4°15	21° 0	14°48	22°30	0°24	1°57	4°56	11°32	7°25	8°14	17° 9	n.a.	W29
T 30	21 49 42	25°23'20	10♏45	5°53	22°14	14°50	22°43	0°23	2° 0	4°57	11°30	7°D25	8°11	17°16	n.a.	T 30
F 31	21 53 38	26♌22'45	22♏33	7♍29	23♍28	14♈52	22♌56	0♉23	2♋ 3	4♏58	11♒29	7°R25	8♏ 7	17♏22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21n 7	9s54	1s41	24n24	1n19	17n29	1n23	0n38	3s 5	17n18	1n12	9n29	2s18	24n13	0n23	11s35	1n48	32s38	15s55	15s11	14s58	15s57		n.a.	W 1
T 2	20 55	13 18	0 40	24 18	1 26	17 5	1 22	0 47	3 6	17 14	1 12	9 29	2 18	24 13	0 23	11 35	1 48	32 38	15 55	15 11	14 57	15 58		n.a.	T 2
F 3	20 43	16 9	0n23	24 10	1 32	16 40	1 21	0 55	3 6	17 10	1 12	9 30	2 18	24 13	0 23	11 35	1 48	32 38	15 55	15 11	14 56	15 59		n.a.	F 3
S 4	20 31	18 20	1 25	23 59	1 37	16 16	1 20	1 3	3 6	17 6	1 12	9 31	2 19	24 13	0 23	11 36	1 48	32 39	15 55	15 11	14 55	16 0		n.a.	S 4
S 5	20 18	19 43	2 23	23 46	1 41	15 51	1 19	1 11	3 6	17 2	1 12	9 31	2 19	24 13	0 23	11 36	1 48	32 39	15 55	15 10	14 53	16 1		n.a.	S 5
M 6	20 5	20 14	3 16	23 30	1 44	15 25	1 18	1 18	3 7	16 58	1 12	9 32	2 19	24 13	0 23	11 36	1 48	32 40	15 55	15 8	14 52	16 2		n.a.	M 6
T 7	19 51	19 47	4 1	23 12	1 46	14 59	1 16	1 26	3 7	16 54	1 12	9 32	2 19	24 13	0 23	11 36	1 48	32 40	15 55	15 5	14 51	16 3		n.a.	T 7
W 8	19 38	18 21	4 34	22 52	1 48	14 32	1 15	1 33	3 7	16 50	1 12	9 33	2 20	24 13	0 23	11 36	1 48	32 41	15 55	15 2	14 50	16 5		n.a.	W 8
T 9	19 24	15 57	4 55	22 30	1 49	14 6	1 14	1 40	3 7	16 46	1 12	9 33	2 20	24 13	0 23	11 36	1 48	32 41	15 56	14 58	14 49	16 6		n.a.	T 9
F 10	19 9	12 41	5 0	22 5	1 49	13 38	1 12	1 46	3 7	16 42	1 12	9 34	2 20	24 13	0 23	11 37	1 48	32 42	15 56	14 54	14 48	16 7		n.a.	F 10
S 11	18 54	8 44	4 49	21 39	1 49	13 11	1 11	1 53	3 8	16 38	1 12	9 34	2 20	24 13	0 23	11 37	1 48	32 42	15 56	14 50	14 47	16 8		n.a.	S 11
S 12	18 39	4 16	4 21	21 11	1 48	12 43	1 9	1 59	3 8	16 34	1 12	9 34	2 20	24 13	0 23	11 37	1 47	32 42	15 56	14 47	14 46	16 9		n.a.	S 12
M13	18 24	0n29	3 37	20 42	1 47	12 15	1 7	2 5	3 8	16 30	1 12	9 34	2 21	24 13	0 23	11 37	1 47	32 43	15 56	14 44	14 45	16 10		n.a.	M13
T 14	18 8	5 14	2 40	20 11	1 45	11 46	1 6	2 11	3 8	16 26	1 12	9 35	2 21	24 13	0 23	11 38	1 47	32 43	15 56	14 42	14 44	16 11		n.a.	T 14
W15	17 52	9 44	1 33	19 39	1 42	11 17	1 4	2 16	3 8	16 21	1 12	9 35	2 21	24 13	0 23	11 38	1 47	32 44	15 56	14 42	14 43	16 13		n.a.	W15
T 16	17 35	13 43	0 21	19 5	1 39	10 48	1 2	2 21	3 8	16 17	1 12	9 35	2 21	24 13	0 23	11 38	1 47	32 44	15 56	14 41	14 42	16 14		n.a.	T 16
F 17	17 19	16 55	0s54	18 30	1 36	10 19	1 0	2 26	3 8	16 13	1 12	9 35	2 21	24 13	0 24	11 38	1 47	32 44	15 56	14 41	14 41	16 15		n.a.	F 17
S 18	17 2	19 6	2 5	17 55	1 32	9 49	0 58	2 31	3 8	16 9	1 12	9 35	2 22	24 13	0 24	11 39	1 47	32 45	15 56	14 41	14 40	16 16		n.a.	S 18
S 19	16 44	20 5	3 8	17 18	1 28	9 19	0 56	2 36	3 8	16 5	1 12	9 35	2 22	24 13	0 24	11 39	1 47	32 45	15 56	14 40	14 39	16 17		n.a.	S 19
M20	16 27	19 49	4 0	16 41	1 24	8 49	0 54	2 40	3 7	16 0	1 12	9 35	2 22	24 13	0 24	11 39	1 47	32 46	15 56	14 38	14 38	16 18		n.a.	M20
T 21	16 9	18 20	4 37	16 3	1 19	8 18	0 52	2 44	3 7	15 56	1 12	9 35	2 22	24 13	0 24	11 40	1 47	32 46	15 56	14 36	14 37	16 19		n.a.	T 21
W22	15 51	15 47	4 57	15 24	1 14	7 48	0 50	2 48	3 7	15 52	1 12	9 35	2 22	24 13	0 24	11 40	1 47	32 46	15 56	14 32	14 36	16 20		n.a.	W22
T 23	15 32	12 24	5 0	14 44	1 9	7 17	0 48	2 51	3 7	15 48	1 12	9 35	2 23	24 13	0 24	11 40	1 47	32 47	15 56	14 28	14 35	16 21		n.a.	T 23
F 24	15 13	8 27	4 46	14 4	1 4	6 46	0 46	2 54	3 7	15 44	1 12	9 35	2 23	24 13	0 24	11 41	1 47	32 47	15 56	14 24	14 34	16 22		n.a.	F 24
S 25	14 55	4 11	4 17	13 23	0 58	6 15	0 43	2 57	3 6	15 39	1 12	9 34	2 23	24 13	0 24	11 41	1 47	32 47	15 56	14 20	14 33	16 24		n.a.	S 25
S 26	14 35	0s10	3 35	12 43	0 52	5 43	0 41	3 0	3 6	15 35	1 12	9 34	2 23	24 13	0 24	11 41	1 47	32 48	15 56	14 17	14 32	16 25		n.a.	S 26
M27	14 16	4 25	2 44	12 1	0 46	5 12	0 39	3 2	3 5	15 31	1 12	9 34	2 24	24 13	0 24	11 42	1 47	32 48	15 56	14 15	14 31	16 26		n.a.	M27
T 28	13 56	8 23	1 47	11 19	0 40	4 40	0 36	3 4	3 5	15 26	1 12	9 34	2 24	24 13	0 24	11 42	1 46	32 48	15 56	14 13	14 30	16 27		n.a.	T 28
W29	13 36	11 58	0 45	10 38	0 33	4 8	0 34	3 6	3 5	15 22	1 12	9 33	2 24	24 13	0 24	11 42	1 46	32 49	15 56	14 13	14 29	16 28		n.a.	W29
T 30	13 16	15 1	0n18	9 55	0 27	3 36	0 31	3 7	3 4	15 18	1 12	9 33	2 24	24 13	0 24	11 43	1 46	32 49	15 56	14 13	14 28	16 29		n.a.	T 30
F 31	12n56	17s25	1n20	9n13	0n20	3n 4	0n29	3n 8	3s 3	15n13	1n12	9n32	2s24	24n13	0n24	11s43	1n46	32s49	15s55	14s13	14s27	16s30		n.a.	F 31

Julian Day Number = 1300867.5, Delta T = 07h50m29s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'08, Lahiri = -19°51'07 Julian Calendar 1 Aug. 1152 BCE == Greg. Calendar 21 July 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

SEPTEMBER 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 57 35	27♌22'13	4♐23	9♍ 5	24♍42	14°R53	23♌ 9	0°R22	2♋ 5	4♏59	11°R28	7°R25	8♏ 4	17♏29	n.a.	S 1
S 2	22 1 31	28°21'42	16°21	10°39	25°56	14♈52	23°22	0♉21	2° 7	5° 0	11♒27	7♏24	8° 1	17°36	n.a.	S 2
M 3	22 5 28	29°21'13	28°32	12°14	27°10	14°51	23°36	0°20	2°10	5° 1	11°26	7°20	7°58	17°42	n.a.	M 3
T 4	22 9 24	0♍20'45	11♑ 0	13°47	28°23	14°50	23°49	0°19	2°12	5° 2	11°25	7°13	7°55	17°49	n.a.	T 4
W 5	22 13 21	1°20'20	23°49	15°20	29°37	14°47	24° 2	0°17	2°15	5° 4	11°24	7° 5	7°52	17°56	n.a.	W 5
T 6	22 17 17	2°19'57	6♒59	16°52	0♎51	14°43	24°15	0°16	2°17	5° 5	11°22	6°55	7°48	18° 2	n.a.	T 6
F 7	22 21 14	3°19'36	20°32	18°23	2° 5	14°39	24°28	0°15	2°19	5° 6	11°21	6°44	7°45	18° 9	n.a.	F 7
S 8	22 25 10	4°19'17	4♓24	19°54	3°19	14°33	24°41	0°13	2°21	5° 7	11°20	6°33	7°42	18°16	n.a.	S 8
S 9	22 29 7	5°19'00	18°31	21°23	4°32	14°27	24°54	0°11	2°24	5° 9	11°19	6°24	7°39	18°22	n.a.	S 9
M10	22 33 4	6°18'45	2♈49	22°53	5°46	14°20	25° 7	0° 9	2°26	5°10	11°18	6°18	7°36	18°29	n.a.	M10
T 11	22 37 0	7°18'32	17°11	24°21	7° 0	14°12	25°20	0° 7	2°28	5°11	11°17	6°14	7°32	18°36	n.a.	T 11
W12	22 40 57	8°18'22	1♉34	25°49	8°13	14° 3	25°33	0° 5	2°30	5°13	11°16	6°D12	7°29	18°42	n.a.	W12
T 13	22 44 53	9°18'14	15°52	27°16	9°27	13°53	25°45	0° 3	2°32	5°14	11°15	6°12	7°26	18°49	n.a.	T 13
F 14	22 48 50	10°18'09	0♊ 5	28°42	10°41	13°42	25°58	0° 1	2°34	5°16	11°14	6°13	7°23	18°55	n.a.	F 14
S 15	22 52 46	11°18'06	14°10	0♎ 8	11°54	13°31	26°11	29♈59	2°36	5°17	11°13	6°R14	7°20	19° 2	n.a.	S 15
S 16	22 56 43	12°18'05	28° 6	1°33	13° 8	13°18	26°24	29°56	2°37	5°19	11°12	6°12	7°17	19° 9	n.a.	S 16
M17	23 0 39	13°18'07	11♋53	2°57	14°22	13° 5	26°37	29°54	2°39	5°20	11°11	6° 9	7°13	19°15	n.a.	M17
T 18	23 4 36	14°18'11	25°30	4°20	15°35	12°51	26°50	29°51	2°41	5°22	11°10	6° 3	7°10	19°22	n.a.	T 18
W19	23 8 33	15°18'17	8♌56	5°42	16°49	12°36	27° 2	29°48	2°43	5°23	11° 9	5°56	7° 7	19°29	n.a.	W19
T 20	23 12 29	16°18'26	22°11	7° 3	18° 2	12°21	27°15	29°46	2°44	5°25	11° 8	5°47	7° 4	19°35	n.a.	T 20
F 21	23 16 26	17°18'36	5♍12	8°24	19°16	12° 4	27°28	29°43	2°46	5°27	11° 7	5°38	7° 1	19°42	n.a.	F 21
S 22	23 20 22	18°18'49	17°59	9°43	20°29	11°47	27°41	29°40	2°47	5°28	11° 6	5°29	6°57	19°49	n.a.	S 22
S 23	23 24 19	19°19'03	0♎31	11° 1	21°43	11°30	27°53	29°37	2°49	5°30	11° 5	5°23	6°54	19°55	n.a.	S 23
M24	23 28 15	20°19'19	12°50	12°17	22°56	11°11	28° 6	29°33	2°50	5°32	11° 4	5°18	6°51	20° 2	n.a.	M24
T 25	23 32 12	21°19'38	24°56	13°32	24°10	10°52	28°18	29°30	2°52	5°34	11° 3	5°15	6°48	20° 9	n.a.	T 25
W26	23 36 8	22°19'58	6♏52	14°46	25°23	10°33	28°31	29°27	2°53	5°35	11° 2	5°D15	6°45	20°15	n.a.	W26
T 27	23 40 5	23°20'19	18°42	15°58	26°37	10°13	28°43	29°23	2°54	5°37	11° 1	5°15	6°42	20°22	n.a.	T 27
F 28	23 44 1	24°20'43	0♐28	17° 8	27°50	9°52	28°56	29°20	2°55	5°39	11° 0	5°17	6°38	20°29	n.a.	F 28
S 29	23 47 58	25°21'08	12°17	18°15	29° 3	9°32	29° 8	29°16	2°57	5°41	11° 0	5°19	6°35	20°35	n.a.	S 29
S 30	23 51 55	26♍21'34	24♐14	19♎20	0♏17	9♈10	29♌21	29♈12	2♋58	5♏43	10♒59	5°R19	6♏32	20♏42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n35	19s 6	2n19	8n31	0n14	2n32	0n26	3n 9	3s 3	15n 9	1n12	9n32	2s25	24n13	0n24	11s44	1n46	32s50	15s55	14s13	14s26	16s31		n.a.
S 2	12 14	19 56	3 12	7 48	0 7	2 0	0 24	3 10	3 2	15 5	1 12	9 31	2 25	24 13	0 24	11 44	1 46	32 50	15 55	14 12	14 25	16 32		n.a.
M 3	11 53	19 52	3 57	7 5	0 0	1 28	0 21	3 10	3 1	15 0	1 12	9 31	2 25	24 13	0 24	11 45	1 46	32 50	15 55	14 11	14 23	16 33		n.a.
T 4	11 32	18 50	4 33	6 23	0s 7	0 56	0 18	3 10	3 0	14 56	1 12	9 30	2 25	24 13	0 24	11 45	1 46	32 50	15 55	14 9	14 22	16 34		n.a.
W 5	11 10	16 50	4 56	5 40	0 14	0 23	0 15	3 10	3 0	14 52	1 12	9 30	2 25	24 13	0 24	11 45	1 46	32 51	15 55	14 6	14 21	16 35		n.a.
T 6	10 49	13 56	5 4	4 57	0 21	0s 9	0 13	3 9	2 59	14 47	1 12	9 29	2 26	24 13	0 24	11 46	1 46	32 51	15 55	14 3	14 20	16 36		n.a.
F 7	10 27	10 13	4 55	4 15	0 27	0 41	0 10	3 8	2 58	14 43	1 12	9 28	2 26	24 13	0 24	11 46	1 46	32 51	15 55	13 59	14 19	16 37		n.a.
S 8	10 5	5 53	4 29	3 32	0 34	1 14	0 7	3 7	2 57	14 39	1 12	9 28	2 26	24 13	0 24	11 47	1 46	32 51	15 55	13 55	14 18	16 38		n.a.
S 9	9 43	1 9	3 46	2 50	0 41	1 46	0 4	3 6	2 56	14 34	1 12	9 27	2 26	24 13	0 24	11 47	1 46	32 51	15 55	13 52	14 17	16 39		n.a.
M10	9 20	3n42	2 49	2 8	0 48	2 18	0 1	3 4	2 54	14 30	1 13	9 26	2 26	24 13	0 24	11 48	1 46	32 52	15 54	13 50	14 16	16 40		n.a.
T 11	8 58	8 24	1 40	1 26	0 55	2 51	0s 2	3 2	2 53	14 26	1 13	9 25	2 26	24 13	0 24	11 48	1 46	32 52	15 54	13 49	14 15	16 41		n.a.
W12	8 35	12 36	0 25	0 44	1 2	3 23	0 4	3 0	2 52	14 21	1 13	9 24	2 27	24 13	0 24	11 49	1 46	32 52	15 54	13 48	14 14	16 42		n.a.
T 13	8 13	16 2	0s52	0 3	1 9	3 55	0 7	2 57	2 51	14 17	1 13	9 23	2 27	24 13	0 24	11 50	1 46	32 52	15 54	13 48	14 13	16 43		n.a.
F 14	7 50	18 28	2 5	0s38	1 16	4 27	0 10	2 54	2 49	14 12	1 13	9 22	2 27	24 13	0 24	11 50	1 45	32 52	15 54	13 49	14 12	16 44		n.a.
S 15	7 27	19 44	3 9	1 19	1 23	4 59	0 13	2 51	2 48	14 8	1 13	9 21	2 27	24 13	0 24	11 51	1 45	32 53	15 54	13 49	14 11	16 45		n.a.
S 16	7 3	19 47	4 2	1 59	1 29	5 31	0 16	2 48	2 46	14 4	1 13	9 20	2 27	24 12	0 24	11 51	1 45	32 53	15 53	13 48	14 10	16 46		n.a.
M17	6 40	18 38	4 40	2 39	1 36	6 3	0 19	2 44	2 44	13 59	1 13	9 19	2 27	24 12	0 24	11 52	1 45	32 53	15 53	13 47	14 9	16 47		n.a.
T 18	6 17	16 27	5 2	3 18	1 42	6 34	0 22	2 40	2 43	13 55	1 13	9 18	2 28	24 12	0 24	11 52	1 45	32 53	15 53	13 45	14 8	16 48		n.a.
W19	5 53	13 23	5 7	3 57	1 48	7 6	0 25	2 36	2 41	13 50	1 13	9 17	2 28	24 12	0 24	11 53	1 45	32 53	15 53	13 43	14 7	16 49		n.a.
T 20	5 29	9 42	4 55	4 35	1 54	7 37	0 28	2 31	2 39	13 46	1 13	9 16	2 28	24 12	0 24	11 54	1 45	32 53	15 53	13 40	14 6	16 50		n.a.
F 21	5 6	5 37	4 28	5 13	2 0	8 8	0 31	2 27	2 37	13 42	1 13	9 15	2 28	24 12	0 24	11 54	1 45	32 53	15 53	13 37	14 5	16 51		n.a.
S 22	4 42	1 21	3 47	5 50	2 6	8 39	0 34	2 22	2 35	13 37	1 13	9 14	2 28	24 12	0 24	11 55	1 45	32 53	15 52	13 34	14 4	16 52		n.a.
S 23	4 18	2s54	2 57	6 26	2 11	9 10	0 37	2 17	2 33	13 33	1 14	9 12	2 28	24 12	0 25	11 55	1 45	32 54	15 52	13 32	14 2	16 53		n.a.
M24	3 54	6 58	1 59	7 1	2 17	9 41	0 40	2 12	2 31	13 29	1 14	9 11	2 28	24 12	0 25	11 56	1 45	32 54	15 52	13 30	14 1	16 54		n.a.
T 25	3 30	10 40	0 56	7 36	2 22	10 11	0 43	2 6	2 28	13 24	1 14	9 10	2 29	24 12	0 25	11 57	1 45	32 54	15 52	13 29	14 0	16 55		n.a.
W26	3 5	13 53	0n 9	8 9	2 26	10 41	0 46	2 1	2 26	13 20	1 14	9 8	2 29	24 12	0 25	11 57	1 45	32 54	15 51	13 29	13 59	16 56		n.a.
T 27	2 41	16 30	1 13	8 41	2 30	11 11	0 49	1 55	2 24	13 16	1 14	9 7	2 29	24 12	0 25	11 58	1 45	32 54	15 51	13 29	13 58	16 57		n.a.
F 28	2 17	18 25	2 13	9 12	2 34	11 41	0 52	1 49	2 21	13 11	1 14	9 6	2 29	24 12	0 25	11 58	1 45	32 54	15 51	13 30	13 57	16 58		n.a.
S 29	1 53	19 32	3 8	9 42	2 38	12 10	0 55	1 43	2 19	13 7	1 14	9 4	2 29	24 12	0 25	11 59	1 45	32 54	15 51	13 30	13 56	16 59		n.a.
S 30	1n28	19s47	3n56	10s10	2s41	12s39	0s58	1n37	2s16	13n 3	1n14	9n 3	2s29	24n12	0n25	12s 0	1n45	32s54	15s51	13s31	13s55	17s 0		n.a.

Julian Day Number = 1300898.5, Delta T = 07h50m27s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'04, Lahiri = -19°51'03 Julian Calendar 1 Sept. 1152 BCE == Greg. Calendar 21 Aug. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

OCTOBER 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 55 51	27♍22'02	6♉23	20♎23	1♏30	8°R49	29♌33	29°R 8	2♋59	5♏44	10°R58	5°R19	6♏29	20♏48	n.a.	M 1
T 2	23 59 48	28°22'32	18°49	21°22	2°43	8♈27	29°45	29♈ 5	3° 0	5°46	10♒57	5♏17	6°26	20°55	n.a.	T 2
W 3	0 3 44	29°23'03	1♒37	22°18	3°56	8° 5	29°58	29° 1	3° 1	5°48	10°57	5°13	6°23	21° 2	n.a.	W 3
T 4	0 7 41	0♎23'35	14°50	23°10	5°10	7°42	0♍10	28°57	3° 2	5°50	10°56	5° 8	6°19	21° 8	n.a.	T 4
F 5	0 11 37	1°24'09	28°29	23°58	6°23	7°20	0°22	28°53	3° 3	5°52	10°55	5° 3	6°16	21°15	n.a.	F 5
S 6	0 15 34	2°24'45	12♓33	24°41	7°36	6°57	0°34	28°48	3° 3	5°54	10°54	4°58	6°13	21°22	n.a.	S 6
S 7	0 19 30	3°25'22	26°58	25°18	8°49	6°35	0°46	28°44	3° 4	5°56	10°54	4°53	6°10	21°28	n.a.	S 7
M 8	0 23 27	4°26'00	11♈38	25°50	10° 2	6°12	0°58	28°40	3° 5	5°58	10°53	4°50	6° 7	21°35	n.a.	M 8
T 9	0 27 24	5°26'41	26°27	26°14	11°15	5°50	1°10	28°36	3° 5	6° 0	10°52	4°48	6° 3	21°42	n.a.	T 9
W10	0 31 20	6°27'23	11♉16	26°31	12°28	5°27	1°22	28°31	3° 6	6° 2	10°52	4°D48	6° 0	21°48	n.a.	W10
T 11	0 35 17	7°28'06	26° 0	26°R40	13°41	5° 5	1°33	28°27	3° 6	6° 4	10°51	4°49	5°57	21°55	n.a.	T 11
F 12	0 39 13	8°28'52	10♊31	26°40	14°54	4°43	1°45	28°22	3° 7	6° 6	10°51	4°51	5°54	22° 2	n.a.	F 12
S 13	0 43 10	9°29'39	24°47	26°30	16° 7	4°21	1°57	28°18	3° 7	6° 8	10°50	4°52	5°51	22° 8	n.a.	S 13
S 14	0 47 6	10°30'28	8♋46	26°10	17°20	4° 0	2° 8	28°13	3° 8	6°10	10°50	4°R53	5°48	22°15	n.a.	S 14
M15	0 51 3	11°31'19	22°27	25°39	18°32	3°39	2°20	28° 8	3° 8	6°12	10°49	4°52	5°44	22°22	n.a.	M15
T 16	0 54 59	12°32'12	5♌51	24°58	19°45	3°18	2°31	28° 4	3° 8	6°14	10°49	4°51	5°41	22°28	n.a.	T 16
W17	0 58 56	13°33'06	18°59	24° 6	20°58	2°58	2°43	27°59	3° 8	6°16	10°48	4°48	5°38	22°35	n.a.	W17
T 18	1 2 53	14°34'01	1♍52	23° 5	22°11	2°38	2°54	27°54	3° 9	6°19	10°48	4°45	5°35	22°42	n.a.	T 18
F 19	1 6 49	15°34'58	14°32	21°55	23°23	2°19	3° 5	27°49	3° 9	6°21	10°47	4°42	5°32	22°48	n.a.	F 19
S 20	1 10 46	16°35'57	26°59	20°39	24°36	2° 0	3°17	27°45	3°R 9	6°23	10°47	4°39	5°28	22°55	n.a.	S 20
S 21	1 14 42	17°36'56	9♎15	19°18	25°48	1°42	3°28	27°40	3° 9	6°25	10°47	4°37	5°25	23° 2	n.a.	S 21
M22	1 18 39	18°37'57	21°21	17°56	27° 1	1°24	3°39	27°35	3° 8	6°27	10°46	4°35	5°22	23° 8	n.a.	M22
T 23	1 22 35	19°39'00	3♏19	16°34	28°13	1° 7	3°50	27°30	3° 8	6°29	10°46	4°D35	5°19	23°15	n.a.	T 23
W24	1 26 32	20°40'03	15°11	15°17	29°26	0°51	4° 1	27°25	3° 8	6°32	10°46	4°35	5°16	23°21	n.a.	W24
T 25	1 30 28	21°41'07	26°59	14° 6	0♐38	0°36	4°11	27°20	3° 8	6°34	10°45	4°36	5°13	23°28	n.a.	T 25
F 26	1 34 25	22°42'12	8♐45	13° 3	1°51	0°21	4°22	27°15	3° 7	6°36	10°45	4°37	5° 9	23°35	n.a.	F 26
S 27	1 38 21	23°43'18	20°35	12°10	3° 3	0° 7	4°33	27°10	3° 7	6°38	10°45	4°38	5° 6	23°41	n.a.	S 27
S 28	1 42 18	24°44'25	2♑30	11°28	4°15	29♓54	4°43	27° 5	3° 7	6°40	10°45	4°39	5° 3	23°48	n.a.	S 28
M29	1 46 15	25°45'33	14°37	10°57	5°27	29°41	4°54	27° 0	3° 6	6°43	10°44	4°40	5° 0	23°55	n.a.	M29
T 30	1 50 11	26°46'41	26°59	10°38	6°39	29°29	5° 4	26°55	3° 6	6°45	10°44	4°R40	4°57	24° 1	n.a.	T 30
W31	1 54 8	27♎47'50	9♒41	10°D29	7♐51	29♓19	5♍14	26♈50	3♋ 5	6♏47	10♒44	4♏40	4♏54	24♏ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n 4	19s 7	4n33	10s36	2s43	13s 8	1s 1	1n31	2s13	12n58	1n14	9n 1	2s29	24n12	0n25	12s 0	1n45	32s54	15s50	13s30	13s54	17s 1			n.a.
T 2	0 39	17 32	4 59	11 1	2 45	13 37	1 4	1 24	2 11	12 54	1 15	9 0	2 29	24 13	0 25	12 1	1 45	32 54	15 50	13 30	13 53	17 2			n.a.
W 3	0 15	15 4	5 12	11 23	2 47	14 5	1 7	1 18	2 8	12 50	1 15	8 58	2 29	24 13	0 25	12 2	1 45	32 54	15 50	13 28	13 52	17 3			n.a.
T 4	0s10	11 45	5 8	11 44	2 47	14 33	1 10	1 12	2 5	12 46	1 15	8 57	2 30	24 13	0 25	12 2	1 45	32 54	15 49	13 27	13 51	17 4			n.a.
F 5	0 34	7 43	4 47	12 2	2 47	15 0	1 12	1 6	2 2	12 41	1 15	8 55	2 30	24 13	0 25	12 3	1 44	32 54	15 49	13 25	13 50	17 5			n.a.
S 6	0 58	3 9	4 8	12 17	2 46	15 27	1 15	0 59	1 59	12 37	1 15	8 54	2 30	24 13	0 25	12 4	1 44	32 54	15 49	13 23	13 49	17 6			n.a.
S 7	1 23	1n43	3 13	12 29	2 44	15 54	1 18	0 53	1 56	12 33	1 15	8 52	2 30	24 13	0 25	12 5	1 44	32 54	15 49	13 22	13 48	17 7			n.a.
M 8	1 47	6 34	2 4	12 38	2 41	16 20	1 21	0 47	1 53	12 29	1 15	8 51	2 30	24 13	0 25	12 5	1 44	32 54	15 48	13 20	13 46	17 8			n.a.
T 9	2 12	11 5	0 46	12 43	2 37	16 46	1 24	0 40	1 50	12 25	1 15	8 49	2 30	24 13	0 25	12 6	1 44	32 54	15 48	13 20	13 45	17 9			n.a.
W10	2 36	14 54	0s36	12 44	2 31	17 12	1 26	0 34	1 47	12 20	1 16	8 47	2 30	24 13	0 25	12 7	1 44	32 53	15 48	13 20	13 44	17 9			n.a.
T 11	3 1	17 43	1 54	12 41	2 24	17 37	1 29	0 28	1 44	12 16	1 16	8 46	2 30	24 13	0 25	12 7	1 44	32 53	15 48	13 20	13 43	17 10			n.a.
F 12	3 25	19 21	3 4	12 33	2 16	18 1	1 31	0 22	1 41	12 12	1 16	8 44	2 30	24 13	0 25	12 8	1 44	32 53	15 47	13 21	13 42	17 11			n.a.
S 13	3 49	19 42	4 2	12 20	2 6	18 26	1 34	0 16	1 37	12 8	1 16	8 42	2 30	24 13	0 25	12 9	1 44	32 53	15 47	13 21	13 41	17 12			n.a.
S 14	4 14	18 49	4 43	12 2	1 54	18 49	1 36	0 11	1 34	12 4	1 16	8 41	2 30	24 13	0 25	12 10	1 44	32 53	15 47	13 21	13 40	17 13			n.a.
M15	4 38	16 52	5 8	11 38	1 41	19 12	1 39	0 5	1 31	12 0	1 16	8 39	2 30	24 13	0 25	12 10	1 44	32 53	15 46	13 21	13 39	17 14			n.a.
T 16	5 2	14 1	5 15	11 9	1 26	19 35	1 41	0s 0	1 28	11 56	1 16	8 37	2 30	24 13	0 25	12 11	1 44	32 53	15 46	13 21	13 38	17 15			n.a.
W17	5 26	10 32	5 6	10 34	1 9	19 57	1 44	0 6	1 25	11 52	1 17	8 36	2 30	24 13	0 25	12 12	1 44	32 53	15 46	13 20	13 37	17 16			n.a.
T 18	5 50	6 37	4 41	9 54	0 51	20 19	1 46	0 11	1 21	11 48	1 17	8 34	2 30	24 13	0 25	12 12	1 44	32 52	15 45	13 19	13 36	17 17			n.a.
F 19	6 14	2 28	4 3	9 10	0 32	20 40	1 48	0 15	1 18	11 44	1 17	8 32	2 30	24 13	0 25	12 13	1 44	32 52	15 45	13 18	13 35	17 18			n.a.
S 20	6 38	1s44	3 13	8 22	0 11	21 1	1 50	0 20	1 15	11 40	1 17	8 30	2 30	24 13	0 25	12 14	1 44	32 52	15 45	13 17	13 34	17 18			n.a.
S 21	7 1	5 48	2 16	7 32	0n 9	21 21	1 53	0 24	1 12	11 36	1 17	8 29	2 30	24 13	0 25	12 15	1 44	32 52	15 45	13 16	13 33	17 19			n.a.
M22	7 25	9 35	1 13	6 41	0 30	21 40	1 55	0 29	1 8	11 32	1 17	8 27	2 30	24 13	0 25	12 15	1 44	32 52	15 44	13 15	13 31	17 20			n.a.
T 23	7 48	12 56	0 7	5 51	0 50	21 59	1 57	0 32	1 5	11 28	1 18	8 25	2 30	24 13	0 25	12 16	1 44	32 52	15 44	13 15	13 30	17 21			n.a.
W24	8 12	15 43	0n59	5 3	1 9	22 17	1 59	0 36	1 2	11 24	1 18	8 23	2 30	24 13	0 26	12 17	1 44	32 51	15 44	13 15	13 29	17 22			n.a.
T 25	8 35	17 50	2 1	4 19	1 27	22 35	2 0	0 40	0 59	11 20	1 18	8 22	2 30	24 13	0 26	12 18	1 44	32 51	15 43	13 16	13 28	17 23			n.a.
F 26	8 58	19 11	2 59	3 40	1 42	22 52	2 2	0 43	0 56	11 16	1 18	8 20	2 30	24 13	0 26	12 18	1 44	32 51	15 43	13 16	13 27	17 24			n.a.
S 27	9 21	19 41	3 49	3 6	1 56	23 8	2 4	0 45	0 53	11 13	1 18	8 18	2 30	24 13	0 26	12 19	1 44	32 51	15 43	13 17	13 26	17 25			n.a.
S 28	9 44	19 19	4 29	2 39	2 8	23 24	2 6	0 48	0 50	11 9	1 18	8 16	2 30	24 13	0 26	12 20	1 44	32 50	15 42	13 17	13 25	17 25			n.a.
M29	10 7	18 4	4 59	2 17	2 18	23 39	2 7	0 50	0 47	11 5	1 19	8 14	2 30	24 13	0 26	12 21	1 44	32 50	15 42	13 17	13 24	17 26			n.a.
T 30	10 29	15 57	5 15	2 3	2 26	23 53	2 9	0 52	0 44	11 2	1 19	8 13	2 30	24 13	0 26	12 21	1 44	32 50	15 42	13 17	13 23	17 27			n.a.
W31	10s52	13s 2	5n17	1s54	2n32	24s 7	2s10	0s54	0s41	10n58	1n19	8n11	2s30	24n13	0n26	12s22	1n44	32s50	15s41	13s17	13s22	17s28			n.a.

Julian Day Number = 1300928.5, Delta T = 07h50m26s
Ecliptic obliquity = 23°49'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°58'00, Lahiri = -19°50'59 Julian Calendar 1 Oct. 1152 BCE == Greg. Calendar 20 Sept. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

NOVEMBER 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 58 4	28♎48'59	22♒47	10♎32	9♐ 3	29°R 9	5♍24	26°R45	3°R 4	6♏49	10°R44	4°R39	4♏50	24♏15	n.a.	T 1
F 2	2 2 1	29°50'09	6♓20	10°44	10°15	28♓59	5°34	26♈40	3♋ 4	6°52	10♒44	4♏39	4°47	24°21	n.a.	F 2
S 3	2 5 57	0♏51'19	20°20	11° 5	11°27	28°51	5°44	26°35	3° 3	6°54	10°44	4°38	4°44	24°28	n.a.	S 3
S 4	2 9 54	1°52'30	4♈46	11°34	12°39	28°44	5°54	26°30	3° 2	6°56	10°44	4°38	4°41	24°35	n.a.	S 4
M 5	2 13 51	2°53'41	19°35	12°11	13°50	28°37	6° 4	26°25	3° 1	6°58	10°D44	4°38	4°38	24°41	n.a.	M 5
T 6	2 17 47	3°54'53	4♉38	12°54	15° 2	28°31	6°14	26°20	3° 0	7° 1	10°44	4°D38	4°34	24°48	n.a.	T 6
W 7	2 21 44	4°56'05	19°49	13°43	16°13	28°26	6°23	26°15	2°59	7° 3	10°44	4°R38	4°31	24°55	n.a.	W 7
T 8	2 25 40	5°57'19	4♊56	14°37	17°25	28°22	6°33	26°10	2°58	7° 5	10°44	4°38	4°28	25° 1	n.a.	T 8
F 9	2 29 37	6°58'32	19°51	15°36	18°36	28°18	6°42	26° 5	2°57	7° 8	10°44	4°38	4°25	25° 8	n.a.	F 9
S 10	2 33 33	7°59'47	4♋28	16°38	19°47	28°16	6°51	26° 1	2°56	7°10	10°44	4°37	4°22	25°15	n.a.	S 10
S 11	2 37 30	9° 1'03	18°41	17°44	20°58	28°14	7° 0	25°56	2°55	7°12	10°44	4°37	4°19	25°21	n.a.	S 11
M12	2 41 26	10° 2'19	2♌29	18°53	22° 9	28°13	7° 9	25°51	2°54	7°14	10°44	4°37	4°15	25°28	n.a.	M12
T 13	2 45 23	11° 3'35	15°53	20° 4	23°20	28°D12	7°18	25°46	2°52	7°17	10°45	4°D37	4°12	25°35	n.a.	T 13
W14	2 49 20	12° 4'53	28°54	21°18	24°31	28°13	7°27	25°42	2°51	7°19	10°45	4°37	4° 9	25°41	n.a.	W14
T 15	2 53 16	13° 6'10	11♍36	22°34	25°42	28°14	7°36	25°37	2°50	7°21	10°45	4°38	4° 6	25°48	n.a.	T 15
F 16	2 57 13	14° 7'29	24° 1	23°51	26°53	28°16	7°44	25°32	2°48	7°23	10°45	4°39	4° 3	25°55	n.a.	F 16
S 17	3 1 9	15° 8'47	6♎13	25°11	28° 3	28°19	7°52	25°28	2°47	7°26	10°46	4°40	4° 0	26° 1	n.a.	S 17
S 18	3 5 6	16°10'06	18°16	26°31	29°14	28°23	8° 1	25°23	2°45	7°28	10°46	4°41	3°56	26° 8	n.a.	S 18
M19	3 9 2	17°11'26	0♏11	27°53	0♑24	28°27	8° 9	25°19	2°44	7°30	10°46	4°R41	3°53	26°14	n.a.	M19
T 20	3 12 59	18°12'45	12° 2	29°16	1°34	28°32	8°17	25°14	2°42	7°32	10°47	4°41	3°50	26°21	n.a.	T 20
W21	3 16 55	19°14'05	23°50	0♏40	2°44	28°38	8°25	25°10	2°41	7°35	10°47	4°40	3°47	26°28	n.a.	W21
T 22	3 20 52	20°15'24	5♐38	2° 4	3°54	28°44	8°33	25° 6	2°39	7°37	10°47	4°38	3°44	26°34	n.a.	T 22
F 23	3 24 49	21°16'44	17°27	3°30	5° 4	28°51	8°40	25° 1	2°37	7°39	10°48	4°36	3°40	26°41	n.a.	F 23
S 24	3 28 45	22°18'03	29°21	4°56	6°14	28°59	8°48	24°57	2°35	7°41	10°48	4°33	3°37	26°48	n.a.	S 24
S 25	3 32 42	23°19'22	11♑21	6°23	7°24	29° 8	8°55	24°53	2°34	7°43	10°49	4°30	3°34	26°54	n.a.	S 25
M26	3 36 38	24°20'41	23°30	7°50	8°33	29°17	9° 2	24°49	2°32	7°46	10°49	4°27	3°31	27° 1	n.a.	M26
T 27	3 40 35	25°21'59	5♒51	9°19	9°42	29°27	9° 9	24°45	2°30	7°48	10°50	4°25	3°28	27° 8	n.a.	T 27
W28	3 44 31	26°23'16	18°29	10°47	10°52	29°37	9°16	24°41	2°28	7°50	10°50	4°24	3°25	27°14	n.a.	W28
T 29	3 48 28	27°24'33	1♓27	12°16	12° 1	29°48	9°23	24°38	2°26	7°52	10°51	4°D23	3°21	27°21	n.a.	T 29
F 30	3 52 25	28♏25'50	14♓48	13♏46	13♑ 9	29♓59	9♍30	24♈34	2♋24	7♏54	10♒51	4♏24	3♏18	27♏28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s14	9s23	5n 2	1s51	2n36	24s20	2s11	0s55	0s38	10n54	1n19	8n 9	2s30	24n13	0n26	12s23	1n44	32s49	15s41	13s17	13s21	17s29		n.a.
F 2	11 36	5 9	4 31	1 54	2 38	24 32	2 13	0 56	0 35	10 51	1 19	8 7	2 30	24 13	0 26	12 24	1 44	32 49	15 41	13 17	13 20	17 30		n.a.
S 3	11 58	0 29	3 43	2 1	2 39	24 44	2 14	0 57	0 32	10 47	1 20	8 6	2 30	24 13	0 26	12 24	1 44	32 49	15 40	13 17	13 19	17 30		n.a.
S 4	12 19	4n21	2 39	2 13	2 39	24 55	2 15	0 58	0 29	10 44	1 20	8 4	2 30	24 14	0 26	12 25	1 44	32 48	15 40	13 16	13 17	17 31		n.a.
M 5	12 40	9 3	1 23	2 28	2 38	25 5	2 16	0 58	0 27	10 40	1 20	8 2	2 30	24 14	0 26	12 26	1 44	32 48	15 40	13 16	13 16	17 32		n.a.
T 6	13 2	13 17	0s 0	2 47	2 36	25 14	2 17	0 58	0 24	10 37	1 20	8 1	2 29	24 14	0 26	12 27	1 44	32 48	15 39	13 16	13 15	17 33		n.a.
W 7	13 23	16 38	1 24	3 9	2 33	25 23	2 18	0 57	0 21	10 33	1 20	7 59	2 29	24 14	0 26	12 27	1 44	32 47	15 39	13 16	13 14	17 34		n.a.
T 8	13 43	18 50	2 41	3 34	2 29	25 31	2 18	0 57	0 19	10 30	1 21	7 57	2 29	24 14	0 26	12 28	1 44	32 47	15 39	13 16	13 13	17 35		n.a.
F 9	14 4	19 41	3 46	4 1	2 25	25 38	2 19	0 56	0 16	10 27	1 21	7 55	2 29	24 14	0 26	12 29	1 44	32 47	15 38	13 16	13 12	17 35		n.a.
S 10	14 24	19 10	4 35	4 30	2 20	25 45	2 19	0 55	0 14	10 23	1 21	7 54	2 29	24 14	0 26	12 30	1 44	32 46	15 38	13 16	13 11	17 36		n.a.
S 11	14 44	17 27	5 6	5 0	2 14	25 51	2 20	0 53	0 11	10 20	1 21	7 52	2 29	24 14	0 26	12 31	1 44	32 46	15 38	13 16	13 10	17 37		n.a.
M12	15 4	14 46	5 18	5 32	2 8	25 56	2 20	0 51	0 9	10 17	1 22	7 51	2 29	24 14	0 26	12 31	1 44	32 46	15 37	13 16	13 9	17 38		n.a.
T 13	15 23	11 22	5 12	6 5	2 2	26 0	2 20	0 49	0 6	10 14	1 22	7 49	2 29	24 14	0 26	12 32	1 44	32 45	15 37	13 16	13 8	17 39		n.a.
W14	15 43	7 31	4 50	6 39	1 56	26 3	2 21	0 47	0 4	10 11	1 22	7 47	2 28	24 14	0 26	12 33	1 44	32 45	15 37	13 16	13 7	17 39		n.a.
T 15	16 2	3 25	4 14	7 14	1 49	26 6	2 21	0 44	0 2	10 8	1 22	7 46	2 28	24 14	0 26	12 33	1 44	32 44	15 36	13 16	13 5	17 40		n.a.
F 16	16 20	0s45	3 27	7 50	1 42	26 8	2 21	0 41	0n 0	10 5	1 22	7 44	2 28	24 14	0 26	12 34	1 44	32 44	15 36	13 17	13 4	17 41		n.a.
S 17	16 39	4 49	2 32	8 25	1 35	26 9	2 20	0 38	0 3	10 2	1 23	7 43	2 28	24 14	0 26	12 35	1 44	32 44	15 36	13 17	13 3	17 42		n.a.
S 18	16 57	8 39	1 30	9 2	1 28	26 10	2 20	0 35	0 5	9 59	1 23	7 41	2 28	24 14	0 26	12 36	1 44	32 43	15 35	13 17	13 2	17 43		n.a.
M19	17 14	12 6	0 25	9 38	1 21	26 9	2 20	0 31	0 7	9 56	1 23	7 40	2 28	24 14	0 26	12 36	1 44	32 43	15 35	13 17	13 1	17 43		n.a.
T 20	17 32	15 3	0n41	10 15	1 13	26 8	2 19	0 27	0 9	9 53	1 23	7 38	2 27	24 14	0 26	12 37	1 44	32 42	15 34	13 17	13 0	17 44		n.a.
W21	17 49	17 21	1 44	10 52	1 6	26 6	2 18	0 23	0 11	9 50	1 24	7 37	2 27	24 14	0 26	12 38	1 44	32 42	15 34	13 17	12 59	17 45		n.a.
T 22	18 6	18 55	2 43	11 28	0 58	26 4	2 18	0 19	0 13	9 48	1 24	7 35	2 27	24 15	0 26	12 39	1 44	32 41	15 34	13 17	12 58	17 46		n.a.
F 23	18 22	19 39	3 35	12 5	0 51	26 0	2 17	0 14	0 15	9 45	1 24	7 34	2 27	24 15	0 26	12 39	1 44	32 41	15 33	13 16	12 57	17 46		n.a.
S 24	18 39	19 31	4 18	12 42	0 44	25 56	2 16	0 9	0 17	9 42	1 24	7 33	2 27	24 15	0 26	12 40	1 44	32 41	15 33	13 15	12 56	17 47		n.a.
S 25	18 54	18 31	4 50	13 18	0 36	25 52	2 15	0 4	0 18	9 40	1 25	7 31	2 26	24 15	0 26	12 41	1 44	32 40	15 33	13 14	12 55	17 48		n.a.
M26	19 10	16 39	5 10	13 54	0 29	25 46	2 13	0n 1	0 20	9 37	1 25	7 30	2 26	24 15	0 26	12 42	1 44	32 40	15 33	13 13	12 53	17 49		n.a.
T 27	19 25	14 1	5 16	14 29	0 22	25 40	2 12	0 6	0 22	9 35	1 25	7 29	2 26	24 15	0 27	12 42	1 44	32 39	15 32	13 12	12 52	17 49		n.a.
W28	19 40	10 41	5 6	15 5	0 14	25 33	2 11	0 12	0 24	9 32	1 25	7 28	2 26	24 15	0 27	12 43	1 44	32 39	15 32	13 12	12 51	17 50		n.a.
T 29	19 54	6 45	4 41	15 39	0 7	25 25	2 9	0 18	0 25	9 30	1 26	7 26	2 26	24 15	0 27	12 44	1 44	32 38	15 32	13 11	12 50	17 51		n.a.
F 30	20s 8	2s23	4n 1	16s14	0n 0	25s17	2s 7	0n24	0n27	9n28	1n26	7n25	2s25	24n15	0n27	12s44	1n44	32s38	15s31	13s12	12s49	17s52		n.a.

Julian Day Number = 1300959.5, Delta T = 07h50m24s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'55, Lahiri = -19°50'55 Julian Calendar 1 Nov. 1152 BCE == Greg. Calendar 21 Oct. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1152 BCE
geocentric

DECEMBER 1152 BCE (-1151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 56 21	29♏27'05	28♓35	15♏16	14♑18	0♈12	9♍36	24°R30	2°R22	7♏57	10♒52	4♏26	3♏15	27♏34	n.a.	S 1
S 2	4 0 18	0♐28'20	12♈48	16°47	15°27	0°24	9°42	24♈27	2♋20	7°59	10°53	4°27	3°12	27°41	n.a.	S 2
M 3	4 4 14	1°29'35	27°27	18°18	16°35	0°38	9°49	24°23	2°18	8° 1	10°53	4°R28	3° 9	27°48	n.a.	M 3
T 4	4 8 11	2°30'48	12♉26	19°49	17°43	0°52	9°55	24°20	2°15	8° 3	10°54	4°28	3° 5	27°54	n.a.	T 4
W 5	4 12 7	3°32'01	27°39	21°21	18°51	1° 6	10° 0	24°17	2°13	8° 5	10°55	4°27	3° 2	28° 1	n.a.	W 5
T 6	4 16 4	4°33'14	12♊56	22°54	19°59	1°21	10° 6	24°13	2°11	8° 7	10°55	4°24	2°59	28° 8	n.a.	T 6
F 7	4 20 0	5°34'26	28° 6	24°27	21° 6	1°36	10°12	24°10	2° 9	8° 9	10°56	4°19	2°56	28°14	n.a.	F 7
S 8	4 23 57	6°35'37	13♋ 0	26° 0	22°13	1°52	10°17	24° 7	2° 7	8°11	10°57	4°15	2°53	28°21	n.a.	S 8
S 9	4 27 54	7°36'48	27°31	27°34	23°20	2° 8	10°22	24° 4	2° 4	8°13	10°58	4°10	2°50	28°28	n.a.	S 9
M10	4 31 50	8°37'59	11♌33	29° 9	24°27	2°25	10°27	24° 2	2° 2	8°15	10°59	4° 6	2°46	28°34	n.a.	M10
T 11	4 35 47	9°39'09	25° 6	0♐44	25°34	2°42	10°32	23°59	2° 0	8°17	10°59	4° 3	2°43	28°41	n.a.	T 11
W12	4 39 43	10°40'18	8♍11	2°19	26°40	3° 0	10°37	23°56	1°57	8°19	11° 0	4°D 2	2°40	28°48	n.a.	W12
T 13	4 43 40	11°41'27	20°51	3°55	27°47	3°18	10°42	23°54	1°55	8°21	11° 1	4° 2	2°37	28°54	n.a.	T 13
F 14	4 47 36	12°42'35	3♎12	5°32	28°52	3°37	10°46	23°51	1°52	8°23	11° 2	4° 4	2°34	29° 1	n.a.	F 14
S 15	4 51 33	13°43'42	15°18	7° 9	29°58	3°56	10°50	23°49	1°50	8°25	11° 3	4° 5	2°31	29° 8	n.a.	S 15
S 16	4 55 30	14°44'49	27°13	8°47	1♒ 3	4°15	10°54	23°47	1°48	8°27	11° 4	4° 7	2°27	29°14	n.a.	S 16
M17	4 59 26	15°45'55	9♏ 2	10°25	2° 9	4°35	10°58	23°45	1°45	8°29	11° 5	4°R 7	2°24	29°21	n.a.	M17
T 18	5 3 23	16°47'00	20°48	12° 4	3°13	4°55	11° 2	23°43	1°43	8°31	11° 6	4° 5	2°21	29°28	n.a.	T 18
W19	5 7 19	17°48'04	2♐36	13°44	4°18	5°16	11° 5	23°41	1°40	8°33	11° 7	4° 1	2°18	29°34	n.a.	W19
T 20	5 11 16	18°49'08	14°26	15°24	5°22	5°37	11° 9	23°39	1°38	8°35	11° 8	3°55	2°15	29°41	n.a.	T 20
F 21	5 15 12	19°50'10	26°22	17° 5	6°26	5°58	11°12	23°37	1°35	8°36	11° 9	3°47	2°11	29°48	n.a.	F 21
S 22	5 19 9	20°51'11	8♑24	18°46	7°30	6°20	11°15	23°36	1°32	8°38	11°10	3°38	2° 8	29°54	n.a.	S 22
S 23	5 23 5	21°52'10	20°34	20°29	8°33	6°42	11°18	23°34	1°30	8°40	11°11	3°28	2° 5	0♐ 1	n.a.	S 23
M24	5 27 2	22°53'09	2♒53	22°11	9°36	7° 4	11°20	23°33	1°27	8°42	11°12	3°19	2° 2	0° 8	n.a.	M24
T 25	5 30 59	23°54'05	15°23	23°55	10°39	7°27	11°23	23°32	1°25	8°44	11°13	3°11	1°59	0°14	n.a.	T 25
W26	5 34 55	24°55'01	28° 5	25°39	11°41	7°50	11°25	23°30	1°22	8°45	11°14	3° 6	1°56	0°21	n.a.	W26
T 27	5 38 52	25°55'54	11♓ 3	27°24	12°43	8°13	11°27	23°29	1°19	8°47	11°15	3° 2	1°52	0°28	n.a.	T 27
F 28	5 42 48	26°56'46	24°18	29°10	13°44	8°37	11°29	23°29	1°17	8°49	11°17	3°D 1	1°49	0°34	n.a.	F 28
S 29	5 46 45	27°57'37	7♈53	0♑56	14°45	9° 1	11°31	23°28	1°14	8°50	11°18	3° 1	1°46	0°41	n.a.	S 29
S 30	5 50 41	28°58'25	21°50	2°43	15°46	9°25	11°32	23°27	1°12	8°52	11°19	3° 2	1°43	0°48	n.a.	S 30
M31	5 54 38	29♐59'12	6♉10	4♑31	16♒46	9♈49	11♍34	23♈27	1♋ 9	8♏54	11♒20	3°R 2	1♏40	0♐54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s22	2n15	3n 5	16s47	0s 7	25s 8	2s 5	0n31	0n28	9n25	1n26	7n24	2s25	24n15	0n27	12s45	1n44	32s37	15s31	13s12	12s48	17s52		n.a.
S 2	20 35	6 55	1 57	17 21	0 14	24 58	2 4	0 37	0 30	9 23	1 27	7 23	2 25	24 15	0 27	12 46	1 44	32 37	15 31	13 13	12 47	17 53		n.a.
M 3	20 48	11 20	0 39	17 53	0 21	24 47	2 1	0 44	0 31	9 21	1 27	7 22	2 25	24 15	0 27	12 46	1 44	32 36	15 30	13 13	12 46	17 54		n.a.
T 4	21 0	15 8	0s44	18 25	0 27	24 36	1 59	0 51	0 33	9 19	1 27	7 21	2 24	24 15	0 27	12 47	1 44	32 36	15 30	13 13	12 45	17 54		n.a.
W 5	21 12	17 57	2 4	18 56	0 34	24 24	1 57	0 58	0 34	9 17	1 27	7 20	2 24	24 15	0 27	12 48	1 44	32 35	15 30	13 13	12 43	17 55		n.a.
T 6	21 24	19 29	3 16	19 27	0 40	24 12	1 54	1 5	0 36	9 15	1 28	7 19	2 24	24 15	0 27	12 48	1 44	32 35	15 29	13 12	12 42	17 56		n.a.
F 7	21 35	19 36	4 13	19 56	0 46	23 59	1 52	1 13	0 37	9 13	1 28	7 18	2 24	24 15	0 27	12 49	1 44	32 34	15 29	13 10	12 41	17 57		n.a.
S 8	21 46	18 21	4 52	20 25	0 52	23 45	1 49	1 20	0 38	9 11	1 28	7 17	2 23	24 15	0 27	12 50	1 44	32 34	15 29	13 8	12 40	17 57		n.a.
S 9	21 56	15 55	5 11	20 53	0 58	23 31	1 46	1 28	0 40	9 10	1 28	7 16	2 23	24 16	0 27	12 50	1 44	32 33	15 28	13 7	12 39	17 58		n.a.
M10	22 6	12 38	5 10	21 20	1 4	23 16	1 43	1 36	0 41	9 8	1 29	7 16	2 23	24 16	0 27	12 51	1 44	32 33	15 28	13 5	12 38	17 59		n.a.
T 11	22 16	8 47	4 52	21 46	1 9	23 1	1 40	1 44	0 42	9 6	1 29	7 15	2 23	24 16	0 27	12 52	1 44	32 32	15 28	13 4	12 37	17 59		n.a.
W12	22 25	4 38	4 19	22 11	1 15	22 45	1 37	1 52	0 43	9 5	1 29	7 14	2 22	24 16	0 27	12 52	1 44	32 32	15 28	13 4	12 36	18 0		n.a.
T 13	22 33	0 24	3 34	22 35	1 20	22 28	1 33	2 1	0 44	9 3	1 30	7 13	2 22	24 16	0 27	12 53	1 44	32 31	15 27	13 4	12 35	18 1		n.a.
F 14	22 41	3s45	2 41	22 58	1 24	22 11	1 30	2 9	0 46	9 2	1 30	7 13	2 22	24 16	0 27	12 53	1 44	32 31	15 27	13 5	12 34	18 1		n.a.
S 15	22 49	7 40	1 41	23 19	1 29	21 53	1 26	2 18	0 47	9 0	1 30	7 12	2 22	24 16	0 27	12 54	1 44	32 30	15 27	13 5	12 32	18 2		n.a.
S 16	22 56	11 14	0 38	23 40	1 33	21 35	1 22	2 27	0 48	8 59	1 30	7 12	2 21	24 16	0 27	12 55	1 44	32 29	15 26	13 6	12 31	18 3		n.a.
M17	23 3	14 19	0n27	23 59	1 37	21 17	1 19	2 36	0 49	8 58	1 31	7 11	2 21	24 16	0 27	12 55	1 44	32 29	15 26	13 6	12 30	18 4		n.a.
T 18	23 10	16 49	1 29	24 17	1 41	20 58	1 14	2 45	0 50	8 57	1 31	7 10	2 21	24 16	0 27	12 56	1 44	32 28	15 26	13 5	12 29	18 4		n.a.
W19	23 16	18 36	2 28	24 33	1 45	20 38	1 10	2 54	0 51	8 56	1 31	7 10	2 20	24 16	0 27	12 56	1 44	32 28	15 26	13 4	12 28	18 5		n.a.
T 20	23 21	19 35	3 21	24 48	1 48	20 18	1 6	3 3	0 52	8 55	1 32	7 10	2 20	24 16	0 27	12 57	1 44	32 27	15 25	13 2	12 27	18 6		n.a.
F 21	23 26	19 42	4 5	25 2	1 51	19 58	1 1	3 13	0 53	8 54	1 32	7 9	2 20	24 16	0 27	12 58	1 44	32 27	15 25	12 59	12 26	18 6		n.a.
S 22	23 30	18 56	4 38	25 14	1 53	19 37	0 57	3 22	0 54	8 53	1 32	7 9	2 19	24 16	0 27	12 58	1 44	32 26	15 25	12 56	12 25	18 7		n.a.
S 23	23 34	17 18	4 59	25 24	1 55	19 15	0 52	3 32	0 55	8 52	1 33	7 9	2 19	24 16	0 27	12 59	1 44	32 26	15 25	12 52	12 24	18 7		n.a.
M24	23 38	14 51	5 7	25 33	1 57	18 54	0 47	3 42	0 56	8 51	1 33	7 9	2 19	24 16	0 27	12 59	1 44	32 25	15 24	12 49	12 22	18 8		n.a.
T 25	23 41	11 42	5 0	25 40	1 59	18 32	0 42	3 52	0 56	8 51	1 33	7 8	2 19	24 16	0 27	13 0	1 44	32 24	15 24	12 47	12 21	18 9		n.a.
W26	23 44	7 59	4 39	25 45	2 0	18 9	0 37	4 2	0 57	8 50	1 33	7 8	2 18	24 16	0 27	13 0	1 44	32 24	15 24	12 45	12 20	18 9		n.a.
T 27	23 46	3 49	4 2	25 48	2 0	17 47	0 32	4 12	0 58	8 49	1 34	7 8	2 18	24 16	0 27	13 1	1 44	32 23	15 24	12 43	12 19	18 10		n.a.
F 28	23 48	0n38	3 13	25 50	2 0	17 24	0 26	4 22	0 59	8 49	1 34	7 8	2 18	24 16	0 27	13 1	1 44	32 23	15 23	12 43	12 18	18 11		n.a.
S 29	23 49	5 11	2 11	25 50	2 0	17 0	0 21	4 32	1 0	8 49	1 34	7 8	2 17	24 17	0 27	13 2	1 45	32 22	15 23	12 43	12 17	18 11		n.a.
S 30	23 50	9 34	1 0	25 47	1 59	16 37	0 15	4 43	1 1	8 48	1 35	7 8	2 17	24 17	0 27	13 2	1 45	32 22	15 23	12 43	12 16	18 12		n.a.
M31	23s50	13n32	0s17	25s43	1s58	16s13	0s 9	4n53	1n 1	8n48	1n35	7n 8	2s17	24n17	0n27	13s 3	1n45	32s21	15s23	12s44	12s15	18s13		n.a.

Julian Day Number = 1300989.5, Delta T = 07h50m23s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'51, Lahiri = -19°50'51 Julian Calendar 1 Dec. 1152 BCE == Greg. Calendar 20 Nov. 1152 BCE

The year -1151 astronomical counting style corresponds to year 1152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

JANUARY 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 58 34	0♉59'57	20♉50	6♉19	17♒45	10♈14	11♍35	23°R26	1°R 6	8♏55	11♒21	3°R 1	1♏37	1♐ 1	n.a.	T 1
W 2	6 2 31	2° 0'40	5♊47	8° 7	18°45	10°39	11°36	23♈26	1♋ 4	8°57	11°23	2♏57	1°33	1° 8	n.a.	W 2
T 3	6 6 28	3° 1'22	20°53	9°56	19°43	11° 4	11°37	23°26	1° 1	8°58	11°24	2°51	1°30	1°14	n.a.	T 3
F 4	6 10 24	4° 2'02	5♋59	11°46	20°41	11°30	11°37	23°D26	0°58	9° 0	11°25	2°43	1°27	1°21	n.a.	F 4
S 5	6 14 21	5° 2'41	20°55	13°35	21°39	11°55	11°38	23°26	0°56	9° 1	11°26	2°33	1°24	1°28	n.a.	S 5
S 6	6 18 17	6° 3'18	5♌32	15°24	22°36	12°21	11°38	23°26	0°53	9° 3	11°28	2°23	1°21	1°34	n.a.	S 6
M 7	6 22 14	7° 3'53	19°43	17°14	23°33	12°48	11°R38	23°26	0°51	9° 4	11°29	2°14	1°17	1°41	n.a.	M 7
T 8	6 26 10	8° 4'27	3♍24	19° 3	24°29	13°14	11°38	23°26	0°48	9° 5	11°30	2° 6	1°14	1°48	n.a.	T 8
W 9	6 30 7	9° 4'59	16°37	20°51	25°24	13°41	11°37	23°27	0°45	9° 7	11°32	2° 2	1°11	1°54	n.a.	W 9
T 10	6 34 3	10° 5'30	29°23	22°39	26°19	14° 8	11°37	23°27	0°43	9° 8	11°33	1°59	1° 8	2° 1	n.a.	T 10
F 11	6 38 0	11° 6'00	11♎46	24°25	27°13	14°35	11°36	23°28	0°40	9° 9	11°34	1°D59	1° 5	2° 8	n.a.	F 11
S 12	6 41 57	12° 6'28	23°52	26° 9	28° 6	15° 2	11°35	23°29	0°38	9°11	11°36	1°59	1° 2	2°14	n.a.	S 12
S 13	6 45 53	13° 6'54	5♏47	27°52	28°59	15°29	11°34	23°30	0°35	9°12	11°37	1°R59	0°58	2°21	n.a.	S 13
M14	6 49 50	14° 7'19	17°35	29°32	29°51	15°57	11°32	23°31	0°33	9°13	11°38	1°58	0°55	2°28	n.a.	M14
T 15	6 53 46	15° 7'42	29°21	1♒ 9	0♓42	16°25	11°31	23°32	0°30	9°14	11°40	1°55	0°52	2°34	n.a.	T 15
W16	6 57 43	16° 8'04	11♐10	2°43	1°32	16°53	11°29	23°33	0°28	9°16	11°41	1°48	0°49	2°41	n.a.	W16
T 17	7 1 39	17° 8'24	23° 5	4°12	2°22	17°21	11°27	23°35	0°25	9°17	11°43	1°39	0°46	2°48	n.a.	T 17
F 18	7 5 36	18° 8'42	5♑ 9	5°37	3°11	17°50	11°25	23°36	0°23	9°18	11°44	1°28	0°43	2°54	n.a.	F 18
S 19	7 9 32	19° 8'58	17°22	6°56	3°59	18°19	11°23	23°38	0°20	9°19	11°45	1°14	0°39	3° 1	n.a.	S 19
S 20	7 13 29	20° 9'13	29°46	8° 9	4°46	18°47	11°21	23°40	0°18	9°20	11°47	1° 0	0°36	3° 8	n.a.	S 20
M21	7 17 26	21° 9'25	12♒22	9°16	5°32	19°16	11°18	23°41	0°15	9°21	11°48	0°47	0°33	3°14	n.a.	M21
T 22	7 21 22	22° 9'35	25° 8	10°15	6°17	19°46	11°15	23°43	0°13	9°22	11°50	0°35	0°30	3°21	n.a.	T 22
W23	7 25 19	23° 9'43	8♓ 5	11° 7	7° 1	20°15	11°12	23°45	0°11	9°23	11°51	0°26	0°27	3°28	n.a.	W23
T 24	7 29 15	24° 9'49	21°14	11°51	7°44	20°44	11° 9	23°48	0° 8	9°24	11°53	0°20	0°23	3°34	n.a.	T 24
F 25	7 33 12	25° 9'52	4♈35	12°25	8°26	21°14	11° 6	23°50	0° 6	9°25	11°54	0°17	0°20	3°41	n.a.	F 25
S 26	7 37 8	26° 9'53	18°10	12°51	9° 6	21°44	11° 2	23°52	0° 4	9°26	11°56	0°15	0°17	3°48	n.a.	S 26
S 27	7 41 5	27° 9'52	2♉ 0	13° 8	9°46	22°14	10°58	23°55	0° 1	9°26	11°57	0°15	0°14	3°54	n.a.	S 27
M28	7 45 1	28° 9'48	16° 5	13°R16	10°24	22°44	10°55	23°57	29♊59	9°27	11°59	0°15	0°11	4° 1	n.a.	M28
T 29	7 48 58	29° 9'42	0♊26	13°14	11° 1	23°14	10°51	24° 0	29°57	9°28	12° 0	0°13	0° 8	4° 8	n.a.	T 29
W30	7 52 55	0♒ 9'34	15° 0	13° 3	11°37	23°44	10°46	24° 3	29°55	9°29	12° 2	0° 8	0° 4	4°14	n.a.	W30
T 31	7 56 51	1♒ 9'24	29♊42	12♒44	12♓11	24♈15	10♍42	24♈ 6	29♊53	9♏29	12♒ 3	0♏ 1	0♏ 1	4♐21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s50	16n45	1s34	25s36	1s56	15s49	0s 3	5n 4	1n 2	8n48	1n35	7n 8	2s16	24n17	0n27	13s 3	1n45	32s20	15s23	12s43	12s14	18s13			n.a.
W 2	23 49	18 54	2 46	25 28	1 53	15 24	0n 3	5 14	1 3	8 48	1 36	7 8	2 16	24 17	0 27	13 4	1 45	32 20	15 22	12 42	12 12	18 14			n.a.
T 3	23 48	19 44	3 47	25 17	1 50	15 0	0 9	5 25	1 3	8 48	1 36	7 9	2 16	24 17	0 27	13 4	1 45	32 19	15 22	12 40	12 11	18 14			n.a.
F 4	23 46	19 10	4 32	25 4	1 47	14 35	0 15	5 36	1 4	8 48	1 36	7 9	2 16	24 17	0 27	13 5	1 45	32 19	15 22	12 37	12 10	18 15			n.a.
S 5	23 44	17 16	4 58	24 49	1 42	14 10	0 22	5 47	1 5	8 48	1 37	7 9	2 15	24 17	0 27	13 5	1 45	32 18	15 22	12 33	12 9	18 16			n.a.
S 6	23 41	14 17	5 3	24 32	1 37	13 45	0 29	5 58	1 5	8 48	1 37	7 10	2 15	24 17	0 27	13 5	1 45	32 18	15 22	12 30	12 8	18 16			n.a.
M 7	23 38	10 33	4 50	24 13	1 32	13 20	0 35	6 9	1 6	8 48	1 37	7 10	2 15	24 17	0 27	13 6	1 45	32 17	15 21	12 26	12 7	18 17			n.a.
T 8	23 35	6 23	4 20	23 51	1 25	12 55	0 42	6 20	1 7	8 49	1 37	7 10	2 14	24 17	0 27	13 6	1 45	32 16	15 21	12 24	12 6	18 17			n.a.
W 9	23 31	2 2	3 37	23 28	1 18	12 29	0 49	6 31	1 7	8 49	1 38	7 11	2 14	24 17	0 27	13 7	1 45	32 16	15 21	12 22	12 5	18 18			n.a.
T 10	23 26	2s16	2 45	23 3	1 10	12 4	0 57	6 42	1 8	8 50	1 38	7 11	2 14	24 17	0 27	13 7	1 45	32 15	15 21	12 21	12 3	18 19			n.a.
F 11	23 21	6 21	1 46	22 36	1 2	11 38	1 4	6 53	1 8	8 50	1 38	7 12	2 13	24 17	0 27	13 7	1 45	32 15	15 21	12 21	12 2	18 19			n.a.
S 12	23 16	10 5	0 43	22 7	0 52	11 13	1 11	7 4	1 9	8 51	1 39	7 12	2 13	24 17	0 27	13 8	1 45	32 14	15 21	12 21	12 1	18 20			n.a.
S 13	23 10	13 21	0n20	21 37	0 42	10 47	1 19	7 16	1 9	8 52	1 39	7 13	2 13	24 17	0 27	13 8	1 45	32 14	15 20	12 21	12 0	18 20			n.a.
M14	23 4	16 2	1 22	21 5	0 31	10 22	1 27	7 27	1 10	8 52	1 39	7 14	2 12	24 17	0 27	13 8	1 45	32 13	15 20	12 21	11 59	18 21			n.a.
T 15	22 57	18 4	2 20	20 32	0 19	9 56	1 35	7 38	1 10	8 53	1 40	7 15	2 12	24 17	0 27	13 9	1 45	32 12	15 20	12 20	11 58	18 21			n.a.
W16	22 50	19 19	3 12	19 59	0 7	9 30	1 43	7 50	1 11	8 54	1 40	7 15	2 12	24 17	0 27	13 9	1 45	32 12	15 20	12 18	11 57	18 22			n.a.
T 17	22 43	19 43	3 56	19 25	0n 6	9 5	1 51	8 1	1 11	8 55	1 40	7 16	2 12	24 17	0 27	13 9	1 45	32 11	15 20	12 14	11 56	18 23			n.a.
F 18	22 35	19 14	4 30	18 51	0 20	8 40	1 59	8 13	1 12	8 56	1 40	7 17	2 11	24 17	0 27	13 10	1 45	32 11	15 20	12 10	11 54	18 23			n.a.
S 19	22 26	17 51	4 52	18 17	0 34	8 14	2 7	8 24	1 12	8 57	1 41	7 18	2 11	24 17	0 27	13 10	1 45	32 10	15 20	12 6	11 53	18 24			n.a.
S 20	22 17	15 38	5 0	17 44	0 49	7 49	2 16	8 36	1 13	8 59	1 41	7 19	2 11	24 17	0 27	13 10	1 45	32 10	15 19	12 1	11 52	18 24			n.a.
M21	22 8	12 40	4 54	17 12	1 4	7 24	2 24	8 47	1 13	9 0	1 41	7 20	2 10	24 17	0 27	13 11	1 46	32 9	15 19	11 56	11 51	18 25			n.a.
T 22	21 58	9 4	4 34	16 41	1 20	6 59	2 33	8 59	1 14	9 1	1 42	7 21	2 10	24 17	0 27	13 11	1 46	32 9	15 19	11 52	11 50	18 25			n.a.
W23	21 48	4 59	3 59	16 12	1 35	6 35	2 42	9 11	1 14	9 3	1 42	7 22	2 10	24 17	0 27	13 11	1 46	32 8	15 19	11 49	11 49	18 26			n.a.
T 24	21 38	0 37	3 11	15 45	1 51	6 10	2 51	9 22	1 14	9 4	1 42	7 23	2 9	24 17	0 27	13 11	1 46	32 8	15 19	11 46	11 48	18 26			n.a.
F 25	21 27	3n51	2 11	15 20	2 6	5 46	3 0	9 34	1 15	9 6	1 42	7 24	2 9	24 17	0 27	13 12	1 46	32 7	15 19	11 45	11 47	18 27			n.a.
S 26	21 16	8 13	1 4	14 58	2 21	5 22	3 9	9 46	1 15	9 7	1 43	7 25	2 9	24 17	0 27	13 12	1 46	32 6	15 19	11 45	11 45	18 28			n.a.
S 27	21 4	12 13	0s 9	14 40	2 36	4 59	3 18	9 57	1 16	9 9	1 43	7 26	2 8	24 17	0 27	13 12	1 46	32 6	15 19	11 45	11 44	18 28			n.a.
M28	20 52	15 36	1 23	14 24	2 49	4 35	3 28	10 9	1 16	9 11	1 43	7 28	2 8	24 17	0 27	13 12	1 46	32 5	15 19	11 45	11 43	18 29			n.a.
T 29	20 40	18 6	2 32	14 12	3 2	4 12	3 37	10 21	1 16	9 12	1 43	7 29	2 8	24 17	0 27	13 12	1 46	32 5	15 19	11 44	11 42	18 29			n.a.
W30	20 27	19 27	3 33	14 4	3 14	3 50	3 47	10 33	1 17	9 14	1 44	7 30	2 8	24 17	0 27	13 13	1 46	32 4	15 19	11 42	11 41	18 30			n.a.
T 31	20s14	19n30	4s20	13s59	3n25	3s28	3n56	10n44	1n17	9n16	1n44	7n32	2s 7	24n17	0n27	13s13	1n46	32s 4	15s19	11s40	11s40	18s30			n.a.

Julian Day Number = 1301020.5, Delta T = 07h50m21s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'47, Lahiri = -19°50'47 Julian Calendar 1 Jan. 1151 BCE == Greg. Calendar 21 Dec. 1152 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

FEBRUARY 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 0 48	2♒ 9'11	14♋26	12°R17	12♓44	24♈45	10°R38	24♈ 9	29°R50	9♏30	12♒ 5	29°R51	29♎58	4♐28	n.a.	F 1
S 2	8 4 44	3° 8'56	29° 5	11♒43	13°15	25°16	10♍33	24°12	29♊48	9°31	12° 6	29♎39	29°55	4°34	n.a.	S 2
S 3	8 8 41	4° 8'38	13♌30	11° 2	13°45	25°47	10°28	24°15	29°46	9°31	12° 8	29°27	29°52	4°41	n.a.	S 3
M 4	8 12 37	5° 8'19	27°35	10°15	14°13	26°18	10°23	24°19	29°44	9°32	12° 9	29°16	29°49	4°48	n.a.	M 4
T 5	8 16 34	6° 7'57	11♍16	9°25	14°40	26°49	10°18	24°22	29°42	9°32	12°11	29° 7	29°45	4°54	n.a.	T 5
W 6	8 20 30	7° 7'34	24°30	8°31	15° 5	27°20	10°13	24°25	29°40	9°33	12°12	29° 0	29°42	5° 1	n.a.	W 6
T 7	8 24 27	8° 7'09	7♎19	7°35	15°27	27°51	10° 7	24°29	29°39	9°33	12°14	28°56	29°39	5° 8	n.a.	T 7
F 8	8 28 24	9° 6'41	19°47	6°38	15°48	28°23	10° 2	24°33	29°37	9°34	12°15	28°55	29°36	5°14	n.a.	F 8
S 9	8 32 20	10° 6'12	1♏56	5°43	16° 8	28°54	9°56	24°37	29°35	9°34	12°17	28°D55	29°33	5°21	n.a.	S 9
S 10	8 36 17	11° 5'41	13°53	4°48	16°25	29°26	9°50	24°40	29°33	9°34	12°19	28°R55	29°29	5°28	n.a.	S 10
M11	8 40 13	12° 5'08	25°43	3°57	16°40	29°57	9°44	24°44	29°31	9°35	12°20	28°54	29°26	5°34	n.a.	M11
T 12	8 44 10	13° 4'33	7♐31	3° 9	16°53	0♉29	9°38	24°49	29°30	9°35	12°22	28°51	29°23	5°41	n.a.	T 12
W13	8 48 6	14° 3'56	19°23	2°25	17° 4	1° 1	9°32	24°53	29°28	9°35	12°23	28°46	29°20	5°48	n.a.	W13
T 14	8 52 3	15° 3'17	1♑23	1°46	17°12	1°33	9°26	24°57	29°26	9°36	12°25	28°39	29°17	5°54	n.a.	T 14
F 15	8 55 59	16° 2'36	13°33	1°13	17°19	2° 5	9°19	25° 1	29°25	9°36	12°26	28°28	29°14	6° 1	n.a.	F 15
S 16	8 59 56	17° 1'53	25°57	0°45	17°23	2°37	9°13	25° 6	29°23	9°36	12°28	28°17	29°10	6° 8	n.a.	S 16
S 17	9 3 52	18° 1'08	8♒36	0°23	17°R25	3°10	9° 6	25°10	29°22	9°36	12°29	28° 4	29° 7	6°14	n.a.	S 17
M18	9 7 49	19° 0'21	21°29	0° 6	17°24	3°42	8°59	25°15	29°20	9°36	12°31	27°52	29° 4	6°21	n.a.	M18
T 19	9 11 46	19°59'32	4♓36	29♑56	17°21	4°15	8°52	25°20	29°19	9°36	12°32	27°41	29° 1	6°28	n.a.	T 19
W20	9 15 42	20°58'40	17°56	29°D52	17°15	4°47	8°45	25°24	29°18	9°R36	12°34	27°33	28°58	6°34	n.a.	W20
T 21	9 19 39	21°57'46	1♈26	29°53	17° 7	5°20	8°38	25°29	29°16	9°36	12°35	27°28	28°55	6°41	n.a.	T 21
F 22	9 23 35	22°56'49	15° 5	29°59	16°57	5°52	8°31	25°34	29°15	9°36	12°37	27°25	28°51	6°48	n.a.	F 22
S 23	9 27 32	23°55'51	28°53	0♒11	16°43	6°25	8°24	25°39	29°14	9°36	12°38	27°D24	28°48	6°54	n.a.	S 23
S 24	9 31 28	24°54'49	12♉49	0°28	16°28	6°58	8°17	25°44	29°13	9°36	12°40	27°25	28°45	7° 1	n.a.	S 24
M25	9 35 25	25°53'46	26°53	0°50	16°10	7°31	8°10	25°50	29°12	9°36	12°42	27°R25	28°42	7° 8	n.a.	M25
T 26	9 39 21	26°52'40	11♊ 3	1°17	15°49	8° 4	8° 2	25°55	29°11	9°36	12°43	27°24	28°39	7°14	n.a.	T 26
W27	9 43 18	27°51'31	25°18	1°48	15°27	8°37	7°55	26° 0	29°10	9°35	12°45	27°21	28°35	7°21	n.a.	W27
T 28	9 47 14	28♒50'20	9♋36	2♒23	15♓ 2	9♉10	7♍47	26♈ 6	29♊ 9	9♏35	12♒46	27♎16	28♎32	7♐28	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 0	18n14	4s50	13s58	3n34	3s 6	4n 6	10n56	1n17	9n18	1n44	7n33	2s 7	24n17	0n27	13s13	1n46	32s 3	15s19	11s36	11s39	18s31		n.a.
S 2	19 46	15 47	5 0	14 1	3 41	2 45	4 16	11 8	1 18	9 20	1 44	7 34	2 7	24 17	0 27	13 13	1 46	32 3	15 18	11 32	11 37	18 31		n.a.
S 3	19 32	12 23	4 52	14 7	3 47	2 25	4 26	11 20	1 18	9 22	1 45	7 36	2 6	24 17	0 27	13 13	1 46	32 2	15 18	11 27	11 36	18 32		n.a.
M 4	19 18	8 22	4 25	14 16	3 51	2 5	4 36	11 31	1 18	9 24	1 45	7 37	2 6	24 17	0 27	13 13	1 46	32 2	15 18	11 23	11 35	18 32		n.a.
T 5	19 3	4 1	3 44	14 27	3 52	1 45	4 46	11 43	1 19	9 27	1 45	7 39	2 6	24 17	0 27	13 14	1 46	32 1	15 18	11 20	11 34	18 33		n.a.
W 6	18 47	0s24	2 51	14 42	3 52	1 26	4 55	11 55	1 19	9 29	1 45	7 40	2 6	24 17	0 27	13 14	1 46	32 1	15 18	11 18	11 33	18 33		n.a.
T 7	18 32	4 40	1 52	14 58	3 50	1 8	5 5	12 6	1 19	9 31	1 45	7 42	2 5	24 17	0 27	13 14	1 46	32 0	15 18	11 16	11 32	18 34		n.a.
F 8	18 16	8 36	0 48	15 17	3 46	0 51	5 15	12 18	1 19	9 33	1 46	7 44	2 5	24 17	0 27	13 14	1 46	32 0	15 18	11 16	11 31	18 34		n.a.
S 9	18 0	12 5	0n16	15 36	3 40	0 34	5 25	12 30	1 20	9 36	1 46	7 45	2 5	24 17	0 27	13 14	1 47	31 59	15 18	11 16	11 29	18 35		n.a.
S 10	17 44	15 1	1 19	15 57	3 32	0 18	5 35	12 41	1 20	9 38	1 46	7 47	2 4	24 17	0 27	13 14	1 47	31 59	15 18	11 16	11 28	18 35		n.a.
M11	17 27	17 17	2 17	16 18	3 23	0 3	5 45	12 53	1 20	9 41	1 46	7 49	2 4	24 17	0 27	13 14	1 47	31 58	15 18	11 16	11 27	18 36		n.a.
T 12	17 10	18 48	3 10	16 40	3 12	0n11	5 55	13 5	1 20	9 43	1 46	7 51	2 4	24 17	0 27	13 14	1 47	31 58	15 18	11 15	11 26	18 36		n.a.
W13	16 53	19 30	3 54	17 1	3 0	0 24	6 5	13 16	1 21	9 46	1 47	7 52	2 4	24 17	0 27	13 14	1 47	31 58	15 18	11 13	11 25	18 36		n.a.
T 14	16 35	19 21	4 29	17 22	2 48	0 36	6 14	13 28	1 21	9 48	1 47	7 54	2 3	24 17	0 27	13 14	1 47	31 57	15 18	11 10	11 24	18 37		n.a.
F 15	16 17	18 17	4 52	17 42	2 34	0 47	6 24	13 39	1 21	9 51	1 47	7 56	2 3	24 17	0 27	13 14	1 47	31 57	15 18	11 6	11 23	18 37		n.a.
S 16	15 59	16 22	5 1	18 2	2 20	0 58	6 33	13 51	1 21	9 54	1 47	7 58	2 3	24 17	0 27	13 14	1 47	31 56	15 19	11 2	11 21	18 38		n.a.
S 17	15 41	13 38	4 57	18 21	2 6	1 7	6 42	14 2	1 21	9 56	1 47	8 0	2 3	24 17	0 27	13 14	1 47	31 56	15 19	10 57	11 20	18 38		n.a.
M18	15 22	10 12	4 37	18 39	1 51	1 14	6 51	14 14	1 22	9 59	1 47	8 2	2 2	24 17	0 27	13 14	1 47	31 55	15 19	10 53	11 19	18 39		n.a.
T 19	15 3	6 13	4 2	18 55	1 37	1 21	7 0	14 25	1 22	10 2	1 48	8 4	2 2	24 17	0 27	13 14	1 47	31 55	15 19	10 49	11 18	18 39		n.a.
W20	14 44	1 53	3 14	19 10	1 22	1 27	7 8	14 37	1 22	10 5	1 48	8 6	2 2	24 17	0 27	13 14	1 47	31 55	15 19	10 46	11 17	18 40		n.a.
T 21	14 25	2n37	2 14	19 24	1 8	1 31	7 16	14 48	1 22	10 7	1 48	8 8	2 2	24 17	0 27	13 14	1 47	31 54	15 19	10 44	11 16	18 40		n.a.
F 22	14 5	7 2	1 5	19 37	0 53	1 34	7 24	14 59	1 22	10 10	1 48	8 10	2 1	24 17	0 27	13 14	1 47	31 54	15 19	10 43	11 15	18 41		n.a.
S 23	13 46	11 8	0s 8	19 48	0 39	1 35	7 31	15 10	1 22	10 13	1 48	8 12	2 1	24 17	0 27	13 14	1 47	31 53	15 19	10 43	11 13	18 41		n.a.
S 24	13 26	14 39	1 21	19 58	0 26	1 35	7 37	15 22	1 23	10 16	1 48	8 14	2 1	24 17	0 27	13 14	1 47	31 53	15 19	10 43	11 12	18 41		n.a.
M25	13 6	17 20	2 31	20 6	0 12	1 34	7 44	15 33	1 23	10 19	1 48	8 16	2 1	24 17	0 27	13 14	1 47	31 53	15 19	10 43	11 11	18 42		n.a.
T 26	12 45	18 59	3 31	20 12	0s 0	1 31	7 49	15 44	1 23	10 22	1 48	8 18	2 0	24 17	0 27	13 14	1 47	31 52	15 19	10 43	11 10	18 42		n.a.
W27	12 25	19 26	4 19	20 17	0 13	1 27	7 54	15 55	1 23	10 25	1 48	8 21	2 0	24 17	0 27	13 13	1 47	31 52	15 19	10 42	11 9	18 43		n.a.
T 28	12s 4	18n38	4s51	20s21	0s25	1n21	7n58	16n 6	1n23	10n28	1n49	8n23	2s 0	24n17	0n27	13s13	1n48	31s51	15s19	10s40	11s 8	18s43		n.a.

Julian Day Number = 1301051.5, Delta T = 07h50m19s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'43, Lahiri = -19°50'42 Julian Calendar 1 Feb. 1151 BCE == Greg. Calendar 21 Jan. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

MARCH 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 51 11	29♒49'07	23♋54	3♒ 2	14°R35	9♉44	7°R40	26♈11	29°R 8	9°R35	12♒48	27°R 9	28♎29	7♐34	n.a.	F 1
S 2	9 55 8	0♓47'51	8♌ 5	3°45	14♓ 5	10°17	7♍32	26°17	29♊ 7	9♏35	12°49	27♎ 0	28°26	7°41	n.a.	S 2
S 3	9 59 4	1°46'33	22° 6	4°31	13°35	10°50	7°25	26°22	29° 6	9°34	12°50	26°51	28°23	7°48	n.a.	S 3
M 4	10 3 1	2°45'13	5♍51	5°21	13° 2	11°24	7°17	26°28	29° 5	9°34	12°52	26°42	28°20	7°55	n.a.	M 4
T 5	10 6 57	3°43'51	19°18	6°14	12°28	11°57	7° 9	26°34	29° 5	9°34	12°53	26°35	28°16	8° 1	n.a.	T 5
W 6	10 10 54	4°42'26	2♎23	7°10	11°52	12°31	7° 2	26°40	29° 4	9°33	12°55	26°30	28°13	8° 8	n.a.	W 6
T 7	10 14 50	5°41'00	15° 8	8° 9	11°16	13° 5	6°54	26°46	29° 3	9°33	12°56	26°28	28°10	8°15	n.a.	T 7
F 8	10 18 47	6°39'32	27°34	9°11	10°39	13°38	6°46	26°52	29° 3	9°32	12°58	26°D27	28° 7	8°21	n.a.	F 8
S 9	10 22 43	7°38'02	9♏44	10°15	10° 1	14°12	6°39	26°58	29° 2	9°32	12°59	26°28	28° 4	8°28	n.a.	S 9
S 10	10 26 40	8°36'30	21°43	11°22	9°23	14°46	6°31	27° 4	29° 2	9°31	13° 1	26°29	28° 0	8°35	n.a.	S 10
M11	10 30 36	9°34'57	3♐35	12°32	8°45	15°20	6°23	27°10	29° 1	9°31	13° 2	26°30	27°57	8°41	n.a.	M11
T 12	10 34 33	10°33'22	15°25	13°44	8° 6	15°54	6°16	27°16	29° 1	9°30	13° 3	26°R30	27°54	8°48	n.a.	T 12
W13	10 38 30	11°31'45	27°19	14°58	7°29	16°28	6° 8	27°22	29° 1	9°29	13° 5	26°29	27°51	8°55	n.a.	W13
T 14	10 42 26	12°30'06	9♑22	16°14	6°52	17° 2	6° 0	27°29	29° 1	9°29	13° 6	26°25	27°48	9° 1	n.a.	T 14
F 15	10 46 23	13°28'26	21°37	17°33	6°16	17°36	5°53	27°35	29° 0	9°28	13° 7	26°20	27°45	9° 8	n.a.	F 15
S 16	10 50 19	14°26'44	4♒ 7	18°54	5°41	18°10	5°45	27°42	29° 0	9°27	13° 9	26°14	27°41	9°15	n.a.	S 16
S 17	10 54 16	15°25'00	16°56	20°16	5° 7	18°44	5°38	27°48	29° 0	9°26	13°10	26° 7	27°38	9°21	n.a.	S 17
M18	10 58 12	16°23'14	0♓ 4	21°41	4°35	19°18	5°30	27°55	29°D 0	9°26	13°12	26° 0	27°35	9°28	n.a.	M18
T 19	11 2 9	17°21'27	13°30	23° 8	4° 5	19°53	5°23	28° 1	29° 0	9°25	13°13	25°54	27°32	9°35	n.a.	T 19
W20	11 6 5	18°19'37	27°12	24°36	3°36	20°27	5°15	28° 8	29° 0	9°24	13°14	25°50	27°29	9°41	n.a.	W20
T 21	11 10 2	19°17'46	11♈ 7	26° 7	3°10	21° 1	5° 8	28°15	29° 1	9°23	13°15	25°47	27°26	9°48	n.a.	T 21
F 22	11 13 58	20°15'52	25°12	27°39	2°45	21°36	5° 1	28°22	29° 1	9°22	13°17	25°D46	27°22	9°55	n.a.	F 22
S 23	11 17 55	21°13'57	9♉24	29°14	2°23	22°10	4°54	28°28	29° 1	9°21	13°18	25°47	27°19	10° 1	n.a.	S 23
S 24	11 21 52	22°12'00	23°38	0♓50	2° 3	22°45	4°47	28°35	29° 1	9°20	13°19	25°48	27°16	10° 8	n.a.	S 24
M25	11 25 48	23°10'01	7♊52	2°28	1°45	23°20	4°40	28°42	29° 2	9°19	13°20	25°49	27°13	10°15	n.a.	M25
T 26	11 29 45	24° 7'59	22° 5	4° 8	1°30	23°54	4°33	28°49	29° 2	9°18	13°22	25°R50	27°10	10°21	n.a.	T 26
W27	11 33 41	25° 5'56	6♋13	5°49	1°17	24°29	4°26	28°56	29° 3	9°17	13°23	25°50	27° 6	10°28	n.a.	W27
T 28	11 37 38	26° 3'51	20°16	7°33	1° 7	25° 4	4°19	29° 3	29° 3	9°16	13°24	25°48	27° 3	10°35	n.a.	T 28
F 29	11 41 34	27° 1'43	4♌10	9°18	0°59	25°39	4°13	29°11	29° 4	9°15	13°25	25°45	27° 0	10°42	n.a.	F 29
S 30	11 45 31	27°59'34	17°55	11° 6	0°53	26°13	4° 6	29°18	29° 4	9°14	13°26	25°41	26°57	10°48	n.a.	S 30
S 31	11 49 27	28♓57'23	1♍29	12♓55	0♓50	26♉48	4♍ 0	29♈25	29♊ 5	9♏13	13♒28	25♎37	26♎54	10♐55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s43	16n41	5s 5	20s23	0s36	1n14	8n 2	16n17	1n23	10n31	1n49	8n25	2s 0	24n17	0n27	13s13	1n48	31s51	15s20	10s37	11s 7	18s43		n.a.
S 2	11 22	13 43	4 59	20 24	0 47	1 5	8 5	16 28	1 23	10 33	1 49	8 27	1 59	24 17	0 27	13 13	1 48	31 51	15 20	10 34	11 5	18 44		n.a.
S 3	11 1	10 1	4 36	20 22	0 57	0 55	8 7	16 38	1 24	10 36	1 49	8 30	1 59	24 17	0 27	13 13	1 48	31 50	15 20	10 31	11 4	18 44		n.a.
M 4	10 40	5 50	3 57	20 20	1 7	0 44	8 8	16 49	1 24	10 39	1 49	8 32	1 59	24 16	0 27	13 13	1 48	31 50	15 20	10 28	11 3	18 45		n.a.
T 5	10 18	1 28	3 6	20 15	1 17	0 31	8 9	17 0	1 24	10 42	1 49	8 34	1 59	24 16	0 27	13 13	1 48	31 50	15 20	10 25	11 2	18 45		n.a.
W 6	9 56	2s53	2 6	20 9	1 25	0 17	8 8	17 10	1 24	10 45	1 49	8 36	1 58	24 16	0 27	13 12	1 48	31 49	15 20	10 23	11 1	18 45		n.a.
T 7	9 35	6 59	1 1	20 2	1 34	0 2	8 7	17 21	1 24	10 48	1 49	8 39	1 58	24 16	0 27	13 12	1 48	31 49	15 20	10 22	11 0	18 46		n.a.
F 8	9 13	10 41	0n 6	19 53	1 41	0s14	8 4	17 31	1 24	10 51	1 49	8 41	1 58	24 16	0 27	13 12	1 48	31 49	15 21	10 22	10 59	18 46		n.a.
S 9	8 51	13 51	1 11	19 42	1 48	0 31	8 1	17 42	1 24	10 54	1 49	8 44	1 58	24 16	0 27	13 12	1 48	31 48	15 21	10 22	10 57	18 47		n.a.
S 10	8 28	16 22	2 12	19 29	1 55	0 49	7 57	17 52	1 24	10 57	1 49	8 46	1 58	24 16	0 27	13 12	1 48	31 48	15 21	10 23	10 56	18 47		n.a.
M11	8 6	18 9	3 7	19 15	2 1	1 8	7 52	18 2	1 24	11 0	1 49	8 48	1 57	24 16	0 27	13 11	1 48	31 48	15 21	10 23	10 55	18 47		n.a.
T 12	7 44	19 9	3 54	18 59	2 6	1 28	7 46	18 12	1 24	11 3	1 49	8 51	1 57	24 16	0 27	13 11	1 48	31 48	15 21	10 23	10 54	18 48		n.a.
W13	7 21	19 18	4 31	18 42	2 11	1 48	7 40	18 23	1 24	11 5	1 49	8 53	1 57	24 16	0 27	13 11	1 48	31 47	15 21	10 23	10 53	18 48		n.a.
T 14	6 59	18 34	4 56	18 23	2 16	2 9	7 32	18 33	1 24	11 8	1 49	8 56	1 57	24 16	0 27	13 11	1 48	31 47	15 22	10 21	10 52	18 48		n.a.
F 15	6 36	16 59	5 8	18 2	2 19	2 30	7 24	18 42	1 25	11 11	1 49	8 58	1 57	24 16	0 27	13 10	1 48	31 47	15 22	10 20	10 50	18 49		n.a.
S 16	6 13	14 35	5 6	17 39	2 23	2 51	7 15	18 52	1 25	11 14	1 49	9 1	1 56	24 16	0 27	13 10	1 48	31 47	15 22	10 17	10 49	18 49		n.a.
S 17	5 50	11 25	4 49	17 15	2 25	3 12	7 5	19 2	1 25	11 17	1 49	9 3	1 56	24 16	0 27	13 10	1 48	31 46	15 22	10 15	10 48	18 50		n.a.
M18	5 27	7 38	4 17	16 50	2 27	3 33	6 55	19 12	1 25	11 19	1 49	9 6	1 56	24 16	0 27	13 9	1 48	31 46	15 22	10 12	10 47	18 50		n.a.
T 19	5 4	3 22	3 30	16 22	2 29	3 54	6 44	19 21	1 25	11 22	1 49	9 9	1 56	24 16	0 27	13 9	1 48	31 46	15 23	10 10	10 46	18 50		n.a.
W20	4 41	1n 9	2 29	15 53	2 30	4 15	6 33	19 31	1 25	11 25	1 49	9 11	1 56	24 16	0 27	13 9	1 48	31 46	15 23	10 8	10 45	18 51		n.a.
T 21	4 18	5 41	1 19	15 22	2 30	4 35	6 21	19 40	1 25	11 27	1 48	9 14	1 55	24 16	0 27	13 9	1 49	31 46	15 23	10 7	10 43	18 51		n.a.
F 22	3 55	9 57	0 3	14 50	2 30	4 56	6 9	19 49	1 25	11 30	1 48	9 16	1 55	24 16	0 27	13 8	1 49	31 45	15 23	10 7	10 42	18 51		n.a.
S 23	3 32	13 42	1s14	14 16	2 30	5 15	5 57	19 58	1 25	11 33	1 48	9 19	1 55	24 16	0 27	13 8	1 49	31 45	15 23	10 7	10 41	18 52		n.a.
S 24	3 9	16 37	2 26	13 40	2 29	5 34	5 44	20 8	1 25	11 35	1 48	9 22	1 55	24 16	0 27	13 8	1 49	31 45	15 24	10 8	10 40	18 52		n.a.
M25	2 45	18 32	3 30	13 2	2 27	5 52	5 31	20 17	1 25	11 38	1 48	9 24	1 55	24 16	0 27	13 7	1 49	31 45	15 24	10 8	10 39	18 52		n.a.
T 26	2 22	19 15	4 20	12 23	2 24	6 10	5 18	20 25	1 25	11 40	1 48	9 27	1 55	24 16	0 27	13 7	1 49	31 45	15 24	10 8	10 38	18 53		n.a.
W27	1 59	18 46	4 55	11 43	2 22	6 27	5 5	20 34	1 25	11 43	1 48	9 30	1 54	24 16	0 27	13 6	1 49	31 45	15 24	10 8	10 37	18 53		n.a.
T 28	1 35	17 8	5 12	11 0	2 18	6 43	4 52	20 43	1 25	11 45	1 48	9 32	1 54	24 16	0 27	13 6	1 49	31 44	15 25	10 8	10 35	18 53		n.a.
F 29	1 12	14 31	5 10	10 16	2 14	6 58	4 38	20 51	1 25	11 47	1 48	9 35	1 54	24 16	0 27	13 6	1 49	31 44	15 25	10 6	10 34	18 53		n.a.
S 30	0 49	11 7	4 50	9 31	2 10	7 13	4 25	21 0	1 25	11 50	1 47	9 38	1 54	24 16	0 27	13 5	1 49	31 44	15 25	10 5	10 33	18 54		n.a.
S 31	0s25	7n10	4s14	8s44	2s 4	7s26	4n12	21n 8	1n25	11n52	1n47	9n40	1s54	24n16	0n27	13s 5	1n49	31s44	15s25	10s 4	10s32	18s54		n.a.

Julian Day Number = 1301079.5, Delta T = 07h50m18s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'39, Lahiri = -19°50'39 Julian Calendar 1 March 1151 BCE == Greg. Calendar 18 Feb. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

APRIL 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 53 24	29♓55'10	14♍48	14♓46	0°D49	27♉23	3°R53	29♈32	29♊ 6	9°R12	13♒29	25°R33	26♎51	11♐ 2	n.a.	M 1
T 2	11 57 21	0♈52'55	27°52	16°39	0♓50	27°58	3♍47	29°39	29° 6	9♏11	13°30	25♎30	26°47	11° 8	n.a.	T 2
W 3	12 1 17	1°50'39	10♎41	18°34	0°54	28°33	3°41	29°47	29° 7	9°10	13°31	25°28	26°44	11°15	n.a.	W 3
T 4	12 5 14	2°48'21	23°14	20°30	1° 0	29° 8	3°35	29°54	29° 8	9° 8	13°32	25°D27	26°41	11°22	n.a.	T 4
F 5	12 9 10	3°46'02	5♏33	22°29	1° 9	29°43	3°29	0♉ 1	29° 9	9° 7	13°33	25°28	26°38	11°28	n.a.	F 5
S 6	12 13 7	4°43'41	17°40	24°29	1°19	0♊18	3°23	0° 9	29°10	9° 6	13°34	25°29	26°35	11°35	n.a.	S 6
S 7	12 17 3	5°41'20	29°38	26°31	1°32	0°54	3°18	0°16	29°11	9° 5	13°35	25°30	26°31	11°42	n.a.	S 7
M 8	12 21 0	6°38'57	11♐30	28°35	1°46	1°29	3°12	0°24	29°12	9° 3	13°36	25°32	26°28	11°48	n.a.	M 8
T 9	12 24 56	7°36'33	23°21	0♈40	2° 3	2° 4	3° 7	0°31	29°13	9° 2	13°37	25°33	26°25	11°55	n.a.	T 9
W10	12 28 53	8°34'07	5♑16	2°46	2°21	2°39	3° 2	0°39	29°15	9° 1	13°38	25°R34	26°22	12° 2	n.a.	W10
T 11	12 32 50	9°31'41	17°18	4°54	2°42	3°15	2°57	0°46	29°16	8°59	13°39	25°33	26°19	12° 8	n.a.	T 11
F 12	12 36 46	10°29'13	29°34	7° 3	3° 4	3°50	2°52	0°54	29°17	8°58	13°40	25°33	26°16	12°15	n.a.	F 12
S 13	12 40 43	11°26'45	12♒ 6	9°13	3°28	4°25	2°47	1° 1	29°19	8°57	13°41	25°31	26°12	12°22	n.a.	S 13
S 14	12 44 39	12°24'15	24°58	11°24	3°53	5° 1	2°43	1° 9	29°20	8°55	13°42	25°30	26° 9	12°28	n.a.	S 14
M15	12 48 36	13°21'45	8♓13	13°35	4°20	5°36	2°38	1°17	29°21	8°54	13°43	25°28	26° 6	12°35	n.a.	M15
T 16	12 52 32	14°19'13	21°50	15°46	4°49	6°12	2°34	1°24	29°23	8°52	13°44	25°27	26° 3	12°42	n.a.	T 16
W17	12 56 29	15°16'40	5♈49	17°57	5°19	6°47	2°30	1°32	29°24	8°51	13°45	25°26	26° 0	12°49	n.a.	W17
T 18	13 0 25	16°14'06	20° 5	20° 8	5°50	7°23	2°26	1°40	29°26	8°50	13°46	25°D25	25°57	12°55	n.a.	T 18
F 19	13 4 22	17°11'31	4♉36	22°19	6°23	7°58	2°22	1°48	29°28	8°48	13°46	25°25	25°53	13° 2	n.a.	F 19
S 20	13 8 18	18° 8'55	19°13	24°28	6°57	8°34	2°19	1°55	29°29	8°47	13°47	25°26	25°50	13° 9	n.a.	S 20
S 21	13 12 15	19° 6'17	3♊53	26°37	7°33	9°10	2°15	2° 3	29°31	8°45	13°48	25°26	25°47	13°15	n.a.	S 21
M22	13 16 12	20° 3'39	18°27	28°44	8° 9	9°46	2°12	2°11	29°33	8°44	13°49	25°27	25°44	13°22	n.a.	M22
T 23	13 20 8	21° 0'59	2♋53	0♉49	8°47	10°21	2° 9	2°19	29°35	8°42	13°49	25°27	25°41	13°29	n.a.	T 23
W24	13 24 5	21°58'17	17° 5	2°53	9°26	10°57	2° 6	2°27	29°37	8°41	13°50	25°R27	25°37	13°35	n.a.	W24
T 25	13 28 1	22°55'35	1♌ 3	4°55	10° 6	11°33	2° 3	2°35	29°39	8°39	13°51	25°27	25°34	13°42	n.a.	T 25
F 26	13 31 58	23°52'51	14°45	6°55	10°47	12° 9	2° 1	2°42	29°41	8°38	13°51	25°27	25°31	13°49	n.a.	F 26
S 27	13 35 54	24°50'06	28°11	8°52	11°29	12°45	1°58	2°50	29°43	8°36	13°52	25°27	25°28	13°55	n.a.	S 27
S 28	13 39 51	25°47'20	11♍22	10°47	12°12	13°21	1°56	2°58	29°45	8°34	13°53	25°D27	25°25	14° 2	n.a.	S 28
M29	13 43 47	26°44'33	24°18	12°40	12°56	13°57	1°54	3° 6	29°47	8°33	13°53	25°27	25°22	14° 9	n.a.	M29
T 30	13 47 44	27♈41'45	7♎ 0	14♉31	13♓40	14♊33	1♍52	3♉14	29♊49	8♏31	13♒54	25♎27	25♎18	14♐15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 2	2n56	3s25	7s55	1s59	7s39	3n59	21n16	1n25	11n54	1n47	9n43	1s54	24n16	0n26	13s 5	1n49	31s44	15s26	10s 2	10s31	18s54		n.a.
T 2	0n21	1s22	2 26	7 5	1 53	7 50	3 46	21 24	1 25	11 56	1 47	9 46	1 53	24 16	0 26	13 4	1 49	31 44	15 26	10 1	10 30	18 55		n.a.
W 3	0 45	5 32	1 20	6 13	1 46	8 1	3 33	21 32	1 25	11 58	1 47	9 49	1 53	24 16	0 26	13 4	1 49	31 44	15 26	10 0	10 28	18 55		n.a.
T 4	1 8	9 22	0 12	5 20	1 39	8 11	3 20	21 40	1 25	12 0	1 47	9 51	1 53	24 16	0 26	13 3	1 49	31 44	15 26	10 0	10 27	18 55		n.a.
F 5	1 31	12 43	0n55	4 25	1 31	8 19	3 8	21 48	1 25	12 2	1 46	9 54	1 53	24 16	0 26	13 3	1 49	31 44	15 27	10 0	10 26	18 56		n.a.
S 6	1 54	15 28	2 0	3 29	1 23	8 27	2 55	21 56	1 25	12 4	1 46	9 57	1 53	24 16	0 26	13 2	1 49	31 43	15 27	10 1	10 25	18 56		n.a.
S 7	2 18	17 31	2 58	2 32	1 14	8 34	2 43	22 3	1 25	12 6	1 46	10 0	1 53	24 16	0 26	13 2	1 49	31 43	15 27	10 1	10 24	18 56		n.a.
M 8	2 41	18 46	3 48	1 34	1 5	8 40	2 31	22 11	1 25	12 8	1 46	10 2	1 53	24 16	0 26	13 2	1 49	31 43	15 28	10 2	10 23	18 56		n.a.
T 9	3 4	19 12	4 28	0 35	0 56	8 45	2 20	22 18	1 25	12 10	1 46	10 5	1 52	24 16	0 26	13 1	1 49	31 43	15 28	10 2	10 21	18 57		n.a.
W10	3 27	18 47	4 57	0n25	0 46	8 49	2 8	22 25	1 25	12 11	1 45	10 8	1 52	24 16	0 26	13 1	1 49	31 43	15 28	10 2	10 20	18 57		n.a.
T 11	3 50	17 31	5 13	1 25	0 36	8 52	1 57	22 32	1 25	12 13	1 45	10 11	1 52	24 16	0 26	13 0	1 49	31 43	15 29	10 2	10 19	18 57		n.a.
F 12	4 13	15 26	5 15	2 27	0 26	8 54	1 46	22 39	1 25	12 15	1 45	10 14	1 52	24 16	0 26	13 0	1 49	31 43	15 29	10 2	10 18	18 57		n.a.
S 13	4 36	12 36	5 3	3 28	0 16	8 56	1 35	22 45	1 25	12 16	1 45	10 16	1 52	24 16	0 26	12 59	1 49	31 43	15 29	10 1	10 17	18 58		n.a.
S 14	4 59	9 5	4 36	4 30	0 5	8 56	1 25	22 52	1 25	12 18	1 45	10 19	1 52	24 16	0 26	12 59	1 49	31 43	15 29	10 1	10 15	18 58		n.a.
M15	5 21	5 2	3 53	5 32	0n 5	8 56	1 14	22 58	1 24	12 19	1 44	10 22	1 52	24 16	0 26	12 58	1 49	31 43	15 30	10 0	10 14	18 58		n.a.
T 16	5 44	0 37	2 56	6 33	0 16	8 54	1 4	23 5	1 24	12 20	1 44	10 25	1 52	24 16	0 26	12 58	1 49	31 43	15 30	10 0	10 13	18 58		n.a.
W17	6 7	3n58	1 47	7 34	0 26	8 52	0 55	23 11	1 24	12 22	1 44	10 28	1 51	24 16	0 26	12 57	1 49	31 43	15 30	9 59	10 12	18 59		n.a.
T 18	6 29	8 26	0 30	8 34	0 37	8 49	0 45	23 17	1 24	12 23	1 44	10 30	1 51	24 16	0 26	12 57	1 49	31 43	15 31	9 59	10 11	18 59		n.a.
F 19	6 51	12 28	0s51	9 33	0 47	8 46	0 36	23 23	1 24	12 24	1 43	10 33	1 51	24 16	0 26	12 56	1 49	31 43	15 31	9 59	10 10	18 59		n.a.
S 20	7 14	15 46	2 8	10 30	0 56	8 41	0 27	23 29	1 24	12 25	1 43	10 36	1 51	24 16	0 26	12 56	1 49	31 44	15 31	9 59	10 8	18 59		n.a.
S 21	7 36	18 2	3 18	11 27	1 6	8 36	0 18	23 34	1 24	12 26	1 43	10 39	1 51	24 16	0 26	12 55	1 49	31 44	15 32	10 0	10 7	19 0		n.a.
M22	7 58	19 6	4 14	12 22	1 15	8 30	0 9	23 40	1 24	12 27	1 43	10 42	1 51	24 16	0 26	12 55	1 49	31 44	15 32	10 0	10 6	19 0		n.a.
T 23	8 20	18 55	4 53	13 15	1 23	8 23	0 1	23 45	1 24	12 28	1 42	10 44	1 51	24 16	0 26	12 54	1 49	31 44	15 32	10 0	10 5	19 0		n.a.
W24	8 42	17 32	5 14	14 6	1 31	8 16	0s 7	23 50	1 24	12 29	1 42	10 47	1 51	24 16	0 26	12 54	1 49	31 44	15 33	10 0	10 4	19 0		n.a.
T 25	9 3	15 7	5 16	14 55	1 38	8 8	0 15	23 55	1 24	12 30	1 42	10 50	1 51	24 16	0 26	12 53	1 49	31 44	15 33	10 0	10 3	19 1		n.a.
F 26	9 25	11 54	5 0	15 42	1 45	7 59	0 22	24 0	1 24	12 30	1 42	10 53	1 51	24 16	0 26	12 53	1 50	31 44	15 33	10 0	10 1	19 1		n.a.
S 27	9 46	8 7	4 27	16 26	1 51	7 49	0 29	24 5	1 24	12 31	1 41	10 56	1 51	24 16	0 26	12 52	1 50	31 44	15 34	10 0	10 0	19 1		n.a.
S 28	10 7	4 1	3 41	17 9	1 57	7 39	0 36	24 9	1 24	12 32	1 41	10 58	1 50	24 16	0 26	12 52	1 50	31 44	15 34	10 0	9 59	19 1		n.a.
M29	10 28	0s13	2 45	17 49	2 1	7 29	0 43	24 14	1 23	12 32	1 41	11 1	1 50	24 16	0 26	12 51	1 50	31 44	15 35	10 0	9 58	19 1		n.a.
T 30	10n49	4s22	1s41	18n27	2n 5	7s17	0s50	24n18	1n23	12n32	1n41	11n 4	1s50	24n16	0n26	12s51	1n50	31s45	15s35	10s 0	9s57	19s 2		n.a.

Julian Day Number = 1301110.5, Delta T = 07h50m16s
Ecliptic obliquity = 23°49'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'35, Lahiri = -19°50'34 Julian Calendar 1 Apr. 1151 BCE == Greg. Calendar 21 March 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

MAY 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 41	28♈38'56	19♎30	16♉18	14♓26	15♊ 9	1°R51	3♉22	29♊51	8°R30	13♒55	25°R27	25♎15	14♐22	n.a.	W 1
T 2	13 55 37	29°36'06	1♏49	18° 4	15°13	15°45	1♍49	3°30	29°53	8♏28	13°55	25♎27	25°12	14°29	n.a.	T 2
F 3	13 59 34	0♉33'15	13°57	19°47	16° 0	16°21	1°48	3°38	29°56	8°27	13°56	25°27	25° 9	14°36	n.a.	F 3
S 4	14 3 30	1°30'24	25°58	21°27	16°48	16°57	1°47	3°45	29°58	8°25	13°56	25°27	25° 6	14°42	n.a.	S 4
S 5	14 7 27	2°27'33	7♐52	23° 4	17°37	17°33	1°46	3°53	0♋ 0	8°23	13°57	25°26	25° 2	14°49	n.a.	S 5
M 6	14 11 23	3°24'41	19°44	24°39	18°26	18° 9	1°45	4° 1	0° 3	8°22	13°57	25°25	24°59	14°56	n.a.	M 6
T 7	14 15 20	4°21'49	1♑35	26°12	19°16	18°45	1°44	4° 9	0° 5	8°20	13°57	25°24	24°56	15° 2	n.a.	T 7
W 8	14 19 17	5°18'56	13°29	27°42	20° 7	19°22	1°44	4°17	0° 7	8°19	13°58	25°23	24°53	15° 9	n.a.	W 8
T 9	14 23 13	6°16'04	25°31	29° 9	20°59	19°58	1°44	4°25	0°10	8°17	13°58	25°22	24°50	15°16	n.a.	T 9
F 10	14 27 10	7°13'11	7♒45	0♊33	21°51	20°34	1°D44	4°33	0°13	8°15	13°59	25°D22	24°47	15°22	n.a.	F 10
S 11	14 31 6	8°10'17	20°15	1°54	22°43	21°11	1°44	4°41	0°15	8°14	13°59	25°22	24°43	15°29	n.a.	S 11
S 12	14 35 3	9° 7'24	3♓ 5	3°13	23°37	21°47	1°44	4°49	0°18	8°12	13°59	25°23	24°40	15°36	n.a.	S 12
M13	14 38 59	10° 4'30	16°18	4°29	24°30	22°23	1°44	4°57	0°20	8°10	14° 0	25°24	24°37	15°42	n.a.	M13
T 14	14 42 56	11° 1'37	29°57	5°42	25°25	23° 0	1°45	5° 5	0°23	8° 9	14° 0	25°25	24°34	15°49	n.a.	T 14
W15	14 46 52	11°58'43	14♈ 1	6°52	26°20	23°36	1°46	5°13	0°26	8° 7	14° 0	25°26	24°31	15°56	n.a.	W15
T 16	14 50 49	12°55'49	28°29	8° 0	27°15	24°13	1°47	5°20	0°29	8° 6	14° 0	25°R26	24°28	16° 3	n.a.	T 16
F 17	14 54 46	13°52'55	13♉17	9° 4	28°11	24°49	1°48	5°28	0°31	8° 4	14° 1	25°25	24°24	16° 9	n.a.	F 17
S 18	14 58 42	14°50'01	28°16	10° 5	29° 7	25°26	1°50	5°36	0°34	8° 2	14° 1	25°24	24°21	16°16	n.a.	S 18
S 19	15 2 39	15°47'07	13♊18	11° 2	0♈ 4	26° 3	1°51	5°44	0°37	8° 1	14° 1	25°22	24°18	16°23	n.a.	S 19
M20	15 6 35	16°44'13	28°15	11°57	1° 1	26°39	1°53	5°52	0°40	7°59	14° 1	25°19	24°15	16°29	n.a.	M20
T 21	15 10 32	17°41'18	12♋59	12°48	1°58	27°16	1°55	6° 0	0°43	7°58	14° 1	25°16	24°12	16°36	n.a.	T 21
W22	15 14 28	18°38'23	27°24	13°35	2°56	27°53	1°57	6° 7	0°46	7°56	14° 1	25°14	24° 8	16°43	n.a.	W22
T 23	15 18 25	19°35'28	11♌26	14°19	3°55	28°30	1°59	6°15	0°49	7°54	14° 1	25°13	24° 5	16°49	n.a.	T 23
F 24	15 22 21	20°32'32	25° 6	14°58	4°53	29° 6	2° 2	6°23	0°52	7°53	14° 1	25°D13	24° 2	16°56	n.a.	F 24
S 25	15 26 18	21°29'36	8♍23	15°34	5°52	29°43	2° 4	6°31	0°55	7°51	14° 1	25°14	23°59	17° 3	n.a.	S 25
S 26	15 30 15	22°26'39	21°20	16° 6	6°52	0♋20	2° 7	6°39	0°58	7°50	14°R 1	25°15	23°56	17° 9	n.a.	S 26
M27	15 34 11	23°23'43	4♎ 0	16°34	7°52	0°57	2°10	6°46	1° 1	7°48	14° 1	25°17	23°53	17°16	n.a.	M27
T 28	15 38 8	24°20'47	16°25	16°57	8°52	1°34	2°13	6°54	1° 4	7°47	14° 1	25°18	23°49	17°23	n.a.	T 28
W29	15 42 4	25°17'50	28°40	17°16	9°52	2°11	2°16	7° 2	1° 8	7°45	14° 1	25°R18	23°46	17°30	n.a.	W29
T 30	15 46 1	26°14'54	10♏45	17°31	10°53	2°48	2°20	7° 9	1°11	7°44	14° 1	25°17	23°43	17°36	n.a.	T 30
F 31	15 49 57	27♉11'58	22♏44	17♊41	11♈54	3♋25	2♍23	7♉17	1♋14	7♏42	14♒ 1	25♎15	23♎40	17♐43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n10	8s16	0s33	19n 2	2n 9	7s 5	0s56	24n22	1n23	12n33	1n40	11n 7	1s50	24n16	0n26	12s50	1n50	31s45	15s35	10s 0	9s56	19s 2			n.a.
T 2	11 31	11 45	0n35	19 35	2 11	6 53	1 2	24 26	1 23	12 33	1 40	11 10	1 50	24 16	0 26	12 50	1 50	31 45	15 36	10 0	9 54	19 2			n.a.
F 3	11 51	14 41	1 41	20 6	2 13	6 39	1 8	24 30	1 23	12 33	1 40	11 12	1 50	24 16	0 26	12 49	1 50	31 45	15 36	10 0	9 53	19 2			n.a.
S 4	12 11	16 57	2 41	20 34	2 14	6 26	1 14	24 33	1 23	12 33	1 39	11 15	1 50	24 16	0 26	12 49	1 50	31 45	15 36	10 0	9 52	19 2			n.a.
S 5	12 31	18 27	3 34	21 1	2 15	6 12	1 20	24 37	1 23	12 34	1 39	11 18	1 50	24 16	0 26	12 48	1 50	31 46	15 37	9 59	9 51	19 2			n.a.
M 6	12 51	19 9	4 18	21 25	2 14	5 57	1 25	24 40	1 23	12 34	1 39	11 21	1 50	24 16	0 26	12 48	1 50	31 46	15 37	9 59	9 50	19 3			n.a.
T 7	13 11	18 59	4 50	21 46	2 13	5 41	1 30	24 43	1 23	12 34	1 39	11 23	1 50	24 16	0 26	12 47	1 50	31 46	15 37	9 59	9 48	19 3			n.a.
W 8	13 30	18 0	5 10	22 6	2 12	5 26	1 35	24 46	1 22	12 33	1 38	11 26	1 50	24 16	0 26	12 47	1 50	31 46	15 38	9 58	9 47	19 3			n.a.
T 9	13 50	16 12	5 17	22 23	2 9	5 9	1 40	24 49	1 22	12 33	1 38	11 29	1 50	24 16	0 26	12 46	1 50	31 46	15 38	9 58	9 46	19 3			n.a.
F 10	14 9	13 39	5 9	22 39	2 6	4 53	1 44	24 51	1 22	12 33	1 38	11 32	1 50	24 16	0 26	12 46	1 50	31 47	15 39	9 58	9 45	19 3			n.a.
S 11	14 28	10 26	4 47	22 52	2 2	4 35	1 49	24 54	1 22	12 33	1 37	11 34	1 50	24 16	0 26	12 45	1 50	31 47	15 39	9 58	9 44	19 3			n.a.
S 12	14 46	6 39	4 11	23 4	1 58	4 18	1 53	24 56	1 22	12 32	1 37	11 37	1 50	24 16	0 26	12 45	1 50	31 47	15 39	9 58	9 43	19 4			n.a.
M13	15 5	2 26	3 20	23 13	1 52	4 0	1 57	24 58	1 22	12 32	1 37	11 40	1 50	24 16	0 26	12 44	1 50	31 47	15 40	9 59	9 41	19 4			n.a.
T 14	15 23	2n 3	2 16	23 21	1 46	3 41	2 0	25 0	1 22	12 31	1 37	11 43	1 49	24 16	0 26	12 44	1 50	31 48	15 40	9 59	9 40	19 4			n.a.
W15	15 41	6 35	1 3	23 27	1 40	3 22	2 4	25 2	1 22	12 31	1 36	11 45	1 49	24 16	0 26	12 43	1 49	31 48	15 40	9 59	9 39	19 4			n.a.
T 16	15 58	10 51	0s17	23 31	1 33	3 3	2 7	25 3	1 21	12 30	1 36	11 48	1 49	24 16	0 26	12 43	1 49	31 48	15 41	10 0	9 38	19 4			n.a.
F 17	16 16	14 32	1 37	23 34	1 25	2 44	2 11	25 5	1 21	12 29	1 36	11 51	1 49	24 16	0 26	12 42	1 49	31 48	15 41	9 59	9 37	19 4			n.a.
S 18	16 33	17 19	2 51	23 35	1 16	2 24	2 14	25 6	1 21	12 29	1 35	11 53	1 49	24 16	0 26	12 42	1 49	31 49	15 42	9 59	9 35	19 5			n.a.
S 19	16 50	18 54	3 54	23 34	1 7	2 4	2 17	25 7	1 21	12 28	1 35	11 56	1 49	24 16	0 26	12 41	1 49	31 49	15 42	9 58	9 34	19 5			n.a.
M20	17 7	19 9	4 41	23 32	0 57	1 43	2 19	25 8	1 21	12 27	1 35	11 59	1 49	24 16	0 26	12 40	1 49	31 49	15 42	9 57	9 33	19 5			n.a.
T 21	17 23	18 5	5 8	23 28	0 47	1 22	2 22	25 9	1 21	12 26	1 35	12 1	1 49	24 16	0 26	12 40	1 49	31 50	15 43	9 56	9 32	19 5			n.a.
W22	17 39	15 53	5 15	23 23	0 36	1 1	2 24	25 9	1 21	12 25	1 34	12 4	1 49	24 15	0 26	12 39	1 49	31 50	15 43	9 55	9 31	19 5			n.a.
T 23	17 55	12 47	5 2	23 17	0 24	0 39	2 27	25 10	1 20	12 24	1 34	12 6	1 49	24 15	0 26	12 39	1 49	31 50	15 43	9 55	9 29	19 5			n.a.
F 24	18 11	9 5	4 33	23 10	0 12	0 18	2 29	25 10	1 20	12 23	1 34	12 9	1 49	24 15	0 26	12 38	1 49	31 51	15 44	9 55	9 28	19 5			n.a.
S 25	18 26	5 1	3 50	23 1	0s 1	0n 4	2 31	25 10	1 20	12 22	1 33	12 12	1 49	24 15	0 26	12 38	1 49	31 51	15 44	9 55	9 27	19 5			n.a.
S 26	18 41	0 48	2 56	22 52	0 14	0 26	2 32	25 10	1 20	12 20	1 33	12 14	1 49	24 15	0 26	12 38	1 49	31 51	15 45	9 56	9 26	19 5			n.a.
M27	18 55	3s21	1 54	22 41	0 28	0 49	2 34	25 9	1 20	12 19	1 33	12 17	1 49	24 15	0 26	12 37	1 49	31 52	15 45	9 56	9 25	19 6			n.a.
T 28	19 10	7 18	0 49	22 29	0 42	1 12	2 35	25 9	1 20	12 17	1 33	12 19	1 49	24 15	0 26	12 37	1 49	31 52	15 45	9 57	9 24	19 6			n.a.
W29	19 24	10 53	0n18	22 17	0 56	1 34	2 37	25 8	1 19	12 16	1 32	12 22	1 49	24 15	0 26	12 36	1 49	31 52	15 46	9 57	9 22	19 6			n.a.
T 30	19 38	13 58	1 24	22 3	1 11	1 57	2 38	25 7	1 19	12 14	1 32	12 24	1 49	24 15	0 26	12 36	1 49	31 53	15 46	9 56	9 21	19 6			n.a.
F 31	19n51	16s26	2n24	21n49	1s26	2n21	2s39	25n 6	1n19	12n13	1n32	12n27	1s49	24n15	0n26	12s35	1n49	31s53	15s46	9s55	9s20	19s 6			n.a.

Julian Day Number = 1301140.5, Delta T = 07h50m15s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'31, Lahiri = -19°50'30 Julian Calendar 1 May 1151 BCE == Greg. Calendar 20 Apr. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

JUNE 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 54	28♉ 9'02	4♐39	17♊46	12♈55	4♋ 2	2♍27	7♉24	1♋17	7°R41	14°R 1	25°R11	23♎37	17♐50	n.a.	S 1
S 2	15 57 51	29° 6'07	16°30	17°R46	13°57	4°39	2°31	7°32	1°21	7♏39	14♒ 1	25♎ 5	23°34	17°56	n.a.	S 2
M 3	16 1 47	0♊ 3'12	28°21	17°42	14°59	5°16	2°35	7°40	1°24	7°38	14° 1	24°59	23°30	18° 3	n.a.	M 3
T 4	16 5 44	1° 0'17	10♋14	17°33	16° 1	5°53	2°39	7°47	1°27	7°36	14° 0	24°53	23°27	18°10	n.a.	T 4
W 5	16 9 40	1°57'23	22°10	17°19	17° 3	6°30	2°44	7°55	1°30	7°35	14° 0	24°47	23°24	18°16	n.a.	W 5
T 6	16 13 37	2°54'30	4♒13	17° 1	18° 6	7° 7	2°48	8° 2	1°34	7°33	14° 0	24°42	23°21	18°23	n.a.	T 6
F 7	16 17 33	3°51'38	16°26	16°39	19° 9	7°45	2°53	8° 9	1°37	7°32	14° 0	24°39	23°18	18°30	n.a.	F 7
S 8	16 21 30	4°48'46	28°54	16°12	20°12	8°22	2°58	8°17	1°41	7°31	13°59	24°38	23°14	18°37	n.a.	S 8
S 9	16 25 26	5°45'55	11♓39	15°42	21°16	8°59	3° 3	8°24	1°44	7°29	13°59	24°D38	23°11	18°43	n.a.	S 9
M10	16 29 23	6°43'05	24°47	15° 8	22°19	9°36	3° 8	8°32	1°48	7°28	13°59	24°39	23° 8	18°50	n.a.	M10
T 11	16 33 20	7°40'16	8♈20	14°32	23°23	10°14	3°13	8°39	1°51	7°26	13°58	24°40	23° 5	18°57	n.a.	T 11
W12	16 37 16	8°37'27	22°20	13°53	24°28	10°51	3°19	8°46	1°54	7°25	13°58	24°R41	23° 2	19° 3	n.a.	W12
T 13	16 41 13	9°34'40	6♉47	13°12	25°32	11°29	3°25	8°53	1°58	7°24	13°58	24°40	22°59	19°10	n.a.	T 13
F 14	16 45 9	10°31'54	21°37	12°31	26°37	12° 6	3°30	9° 1	2° 2	7°22	13°57	24°38	22°55	19°17	n.a.	F 14
S 15	16 49 6	11°29'08	6♊45	11°49	27°41	12°44	3°36	9° 8	2° 5	7°21	13°57	24°33	22°52	19°23	n.a.	S 15
S 16	16 53 2	12°26'24	22° 0	11° 8	28°46	13°21	3°42	9°15	2° 9	7°20	13°56	24°27	22°49	19°30	n.a.	S 16
M17	16 56 59	13°23'40	7♋13	10°28	29°52	13°59	3°49	9°22	2°12	7°19	13°56	24°20	22°46	19°37	n.a.	M17
T 18	17 0 56	14°20'57	22°13	9°49	0♌57	14°36	3°55	9°29	2°16	7°18	13°55	24°13	22°43	19°44	n.a.	T 18
W19	17 4 52	15°18'15	6♌52	9°14	2° 2	15°14	4° 1	9°36	2°19	7°16	13°55	24° 7	22°40	19°50	n.a.	W19
T 20	17 8 49	16°15'33	21° 4	8°41	3° 8	15°52	4° 8	9°43	2°23	7°15	13°54	24° 2	22°36	19°57	n.a.	T 20
F 21	17 12 45	17°12'52	4♍48	8°13	4°14	16°30	4°15	9°50	2°27	7°14	13°54	24° 0	22°33	20° 4	n.a.	F 21
S 22	17 16 42	18°10'11	18° 5	7°49	5°20	17° 7	4°22	9°56	2°30	7°13	13°53	23°D59	22°30	20°10	n.a.	S 22
S 23	17 20 38	19° 7'31	0♎57	7°30	6°26	17°45	4°29	10° 3	2°34	7°12	13°53	23°59	22°27	20°17	n.a.	S 23
M24	17 24 35	20° 4'52	13°29	7°16	7°33	18°23	4°36	10°10	2°38	7°11	13°52	24° 0	22°24	20°24	n.a.	M24
T 25	17 28 31	21° 2'14	25°46	7° 8	8°39	19° 1	4°43	10°17	2°41	7°10	13°51	24°R 1	22°20	20°30	n.a.	T 25
W26	17 32 28	21°59'37	7♏51	7°D 7	9°46	19°39	4°51	10°23	2°45	7° 9	13°51	24° 0	22°17	20°37	n.a.	W26
T 27	17 36 25	22°57'00	19°48	7°11	10°53	20°17	4°58	10°30	2°49	7° 8	13°50	23°56	22°14	20°44	n.a.	T 27
F 28	17 40 21	23°54'25	1♐40	7°22	12° 0	20°55	5° 6	10°36	2°52	7° 7	13°49	23°51	22°11	20°51	n.a.	F 28
S 29	17 44 18	24°51'51	13°31	7°40	13° 7	21°32	5°14	10°43	2°56	7° 6	13°49	23°43	22° 8	20°57	n.a.	S 29
S 30	17 48 14	25♊49'18	25♐23	8♊ 4	14♉15	22♋11	5♍22	10♉49	3♋ 0	7♏ 5	13♒48	23♎32	22♎ 5	21♐ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 4	18s10	3n18	21n35	1s41	2n44	2s40	25n 5	1n19	12n11	1n31	12n29	1s49	24n15	0n26	12s35	1n49	31s54	15s47	9s54	9s19	19s 6		n.a.
S 2	20 17	19 6	4 4	21 19	1 57	3 8	2 41	25 3	1 19	12 10	1 31	12 32	1 49	24 15	0 26	12 34	1 49	31 54	15 47	9 52	9 18	19 6		n.a.
M 3	20 29	19 11	4 38	21 4	2 12	3 31	2 41	25 2	1 18	12 8	1 31	12 34	1 49	24 15	0 26	12 34	1 49	31 54	15 47	9 50	9 16	19 6		n.a.
T 4	20 42	18 26	5 1	20 48	2 27	3 55	2 42	25 0	1 18	12 6	1 31	12 37	1 49	24 15	0 26	12 33	1 49	31 55	15 48	9 47	9 15	19 6		n.a.
W 5	20 53	16 52	5 10	20 32	2 42	4 19	2 42	24 58	1 18	12 4	1 30	12 39	1 49	24 15	0 26	12 33	1 49	31 55	15 48	9 45	9 14	19 6		n.a.
T 6	21 5	14 33	5 6	20 15	2 57	4 43	2 42	24 56	1 18	12 2	1 30	12 42	1 49	24 15	0 26	12 32	1 49	31 56	15 49	9 43	9 13	19 6		n.a.
F 7	21 16	11 35	4 49	19 59	3 11	5 7	2 43	24 54	1 18	12 0	1 30	12 44	1 49	24 15	0 26	12 32	1 49	31 56	15 49	9 42	9 12	19 7		n.a.
S 8	21 27	8 2	4 17	19 43	3 24	5 31	2 43	24 51	1 18	11 58	1 29	12 46	1 49	24 15	0 26	12 32	1 49	31 56	15 49	9 42	9 10	19 7		n.a.
S 9	21 37	4 3	3 32	19 27	3 37	5 55	2 42	24 48	1 17	11 56	1 29	12 49	1 49	24 15	0 26	12 31	1 49	31 57	15 50	9 41	9 9	19 7		n.a.
M10	21 47	0n15	2 35	19 12	3 49	6 19	2 42	24 45	1 17	11 54	1 29	12 51	1 49	24 15	0 26	12 31	1 49	31 57	15 50	9 42	9 8	19 7		n.a.
T 11	21 57	4 41	1 27	18 57	4 0	6 44	2 42	24 42	1 17	11 52	1 29	12 53	1 49	24 15	0 26	12 30	1 49	31 58	15 50	9 42	9 7	19 7		n.a.
W12	22 6	9 2	0 13	18 43	4 9	7 8	2 41	24 39	1 17	11 49	1 28	12 56	1 49	24 15	0 26	12 30	1 49	31 58	15 51	9 43	9 6	19 7		n.a.
T 13	22 15	12 59	1s 5	18 30	4 17	7 32	2 41	24 36	1 16	11 47	1 28	12 58	1 49	24 15	0 26	12 30	1 49	31 59	15 51	9 42	9 4	19 7		n.a.
F 14	22 23	16 12	2 20	18 18	4 24	7 57	2 40	24 32	1 16	11 45	1 28	13 0	1 49	24 15	0 26	12 29	1 49	31 59	15 51	9 42	9 3	19 7		n.a.
S 15	22 32	18 23	3 27	18 8	4 29	8 21	2 39	24 28	1 16	11 42	1 28	13 3	1 49	24 15	0 26	12 29	1 49	32 0	15 52	9 40	9 2	19 7		n.a.
S 16	22 39	19 16	4 20	17 58	4 33	8 45	2 38	24 24	1 16	11 40	1 27	13 5	1 49	24 14	0 26	12 28	1 49	32 0	15 52	9 38	9 1	19 7		n.a.
M17	22 47	18 44	4 54	17 51	4 35	9 9	2 37	24 20	1 16	11 37	1 27	13 7	1 50	24 14	0 26	12 28	1 49	32 1	15 52	9 35	9 0	19 7		n.a.
T 18	22 54	16 55	5 7	17 45	4 35	9 33	2 36	24 16	1 15	11 35	1 27	13 9	1 50	24 14	0 26	12 28	1 49	32 1	15 53	9 32	8 58	19 7		n.a.
W19	23 0	14 1	5 0	17 42	4 33	9 57	2 35	24 11	1 15	11 32	1 27	13 12	1 50	24 14	0 26	12 27	1 48	32 2	15 53	9 30	8 57	19 7		n.a.
T 20	23 6	10 23	4 34	17 40	4 30	10 21	2 34	24 7	1 15	11 29	1 26	13 14	1 50	24 14	0 26	12 27	1 48	32 2	15 53	9 28	8 56	19 7		n.a.
F 21	23 12	6 18	3 53	17 40	4 25	10 45	2 32	24 2	1 15	11 27	1 26	13 16	1 50	24 14	0 26	12 27	1 48	32 3	15 54	9 27	8 55	19 7		n.a.
S 22	23 18	2 1	3 1	17 42	4 19	11 9	2 31	23 57	1 14	11 24	1 26	13 18	1 50	24 14	0 26	12 26	1 48	32 3	15 54	9 27	8 54	19 7		n.a.
S 23	23 23	2s13	2 1	17 47	4 12	11 32	2 29	23 51	1 14	11 21	1 26	13 20	1 50	24 14	0 26	12 26	1 48	32 3	15 54	9 27	8 52	19 7		n.a.
M24	23 27	6 16	0 56	17 53	4 3	11 56	2 28	23 46	1 14	11 18	1 25	13 22	1 50	24 14	0 26	12 26	1 48	32 4	15 55	9 28	8 51	19 7		n.a.
T 25	23 31	9 58	0n 9	18 2	3 53	12 19	2 26	23 40	1 14	11 15	1 25	13 24	1 50	24 14	0 26	12 25	1 48	32 4	15 55	9 28	8 50	19 7		n.a.
W26	23 35	13 12	1 13	18 13	3 41	12 42	2 24	23 35	1 14	11 12	1 25	13 26	1 50	24 14	0 26	12 25	1 48	32 5	15 55	9 27	8 49	19 7		n.a.
T 27	23 38	15 50	2 13	18 25	3 29	13 5	2 22	23 29	1 13	11 9	1 25	13 28	1 50	24 14	0 26	12 25	1 48	32 5	15 56	9 26	8 48	19 7		n.a.
F 28	23 41	17 47	3 7	18 40	3 16	13 28	2 20	23 23	1 13	11 6	1 24	13 30	1 50	24 14	0 26	12 25	1 48	32 6	15 56	9 24	8 46	19 7		n.a.
S 29	23 44	18 57	3 52	18 56	3 3	13 50	2 18	23 16	1 13	11 3	1 24	13 32	1 50	24 14	0 26	12 24	1 48	32 7	15 56	9 21	8 45	19 7		n.a.
S 30	23n46	19s17	4n27	19n14	2s49	14n13	2s16	23n10	1n13	11n 0	1n24	13n34	1s50	24n14	0n26	12s24	1n48	32s 7	15s57	9s17	8s44	19s 7		n.a.

Julian Day Number = 1301171.5, Delta T = 07h50m13s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'27, Lahiri = -19°50'26 Julian Calendar 1 June 1151 BCE == Greg. Calendar 21 May 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

JULY 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 52 11	26♊46'46	7♉16	8♊35	15♉22	22♋49	5♍30	10♉56	3♋ 3	7°R 4	13°R47	23°R21	22♎ 1	21♐11	n.a.	M 1
T 2	17 56 7	27°44'16	19°12	9°12	16°30	23°27	5°38	11° 2	3° 7	7♏ 3	13♒46	23♎ 9	21°58	21°17	n.a.	T 2
W 3	18 0 4	28°41'47	1♒14	9°57	17°38	24° 5	5°46	11° 8	3°11	7° 2	13°46	22°58	21°55	21°24	n.a.	W 3
T 4	18 4 0	29°39'19	13°23	10°47	18°46	24°43	5°55	11°14	3°15	7° 1	13°45	22°48	21°52	21°31	n.a.	T 4
F 5	18 7 57	0♋36'53	25°40	11°44	19°54	25°21	6° 3	11°20	3°18	7° 0	13°44	22°41	21°49	21°38	n.a.	F 5
S 6	18 11 54	1°34'29	8♓10	12°47	21° 2	25°59	6°12	11°26	3°22	7° 0	13°43	22°36	21°45	21°44	n.a.	S 6
S 7	18 15 50	2°32'06	20°54	13°56	22°11	26°38	6°21	11°32	3°26	6°59	13°42	22°34	21°42	21°51	n.a.	S 7
M 8	18 19 47	3°29'45	3♈58	15°11	23°19	27°16	6°29	11°38	3°30	6°58	13°41	22°D33	21°39	21°58	n.a.	M 8
T 9	18 23 43	4°27'26	17°23	16°32	24°28	27°54	6°38	11°44	3°33	6°57	13°41	22°R34	21°36	22° 4	n.a.	T 9
W10	18 27 40	5°25'08	1♉13	17°57	25°37	28°33	6°48	11°50	3°37	6°57	13°40	22°34	21°33	22°11	n.a.	W10
T 11	18 31 36	6°22'52	15°30	19°28	26°45	29°11	6°57	11°56	3°41	6°56	13°39	22°32	21°30	22°18	n.a.	T 11
F 12	18 35 33	7°20'39	0♊11	21° 3	27°55	29°50	7° 6	12° 1	3°45	6°56	13°38	22°28	21°26	22°24	n.a.	F 12
S 13	18 39 29	8°18'27	15°12	22°42	29° 4	0♌28	7°15	12° 7	3°48	6°55	13°37	22°21	21°23	22°31	n.a.	S 13
S 14	18 43 26	9°16'17	0♋25	24°26	0♊13	1° 7	7°25	12°12	3°52	6°54	13°36	22°12	21°20	22°38	n.a.	S 14
M15	18 47 23	10°14'08	15°39	26°12	1°22	1°45	7°35	12°18	3°56	6°54	13°35	22° 2	21°17	22°45	n.a.	M15
T 16	18 51 19	11°12'01	0♌45	28° 1	2°32	2°24	7°44	12°23	3°59	6°53	13°34	21°51	21°14	22°51	n.a.	T 16
W17	18 55 16	12° 9'56	15°31	29°53	3°42	3° 3	7°54	12°28	4° 3	6°53	13°33	21°41	21°11	22°58	n.a.	W17
T 18	18 59 12	13° 7'52	29°51	1♋47	4°51	3°42	8° 4	12°34	4° 7	6°53	13°32	21°34	21° 7	23° 5	n.a.	T 18
F 19	19 3 9	14° 5'49	13♍42	3°42	6° 1	4°20	8°14	12°39	4°11	6°52	13°31	21°28	21° 4	23°11	n.a.	F 19
S 20	19 7 5	15° 3'48	27° 3	5°39	7°11	4°59	8°24	12°44	4°14	6°52	13°30	21°26	21° 1	23°18	n.a.	S 20
S 21	19 11 2	16° 1'48	9♎57	7°36	8°21	5°38	8°34	12°49	4°18	6°52	13°29	21°25	20°58	23°25	n.a.	S 21
M22	19 14 58	16°59'50	22°29	9°35	9°31	6°17	8°44	12°54	4°22	6°51	13°28	21°25	20°55	23°32	n.a.	M22
T 23	19 18 55	17°57'54	4♏43	11°33	10°42	6°56	8°55	12°59	4°25	6°51	13°27	21°24	20°51	23°38	n.a.	T 23
W24	19 22 52	18°55'59	16°45	13°31	11°52	7°35	9° 5	13° 3	4°29	6°51	13°26	21°23	20°48	23°45	n.a.	W24
T 25	19 26 48	19°54'05	28°38	15°30	13° 3	8°14	9°16	13° 8	4°33	6°51	13°24	21°19	20°45	23°52	n.a.	T 25
F 26	19 30 45	20°52'14	10♐29	17°27	14°13	8°53	9°26	13°12	4°36	6°50	13°23	21°12	20°42	23°58	n.a.	F 26
S 27	19 34 41	21°50'24	22°19	19°25	15°24	9°32	9°37	13°17	4°40	6°50	13°22	21° 2	20°39	24° 5	n.a.	S 27
S 28	19 38 38	22°48'36	4♑13	21°21	16°35	10°11	9°48	13°21	4°43	6°50	13°21	20°50	20°36	24°12	n.a.	S 28
M29	19 42 34	23°46'49	16°11	23°17	17°46	10°50	9°59	13°26	4°47	6°50	13°20	20°36	20°32	24°19	n.a.	M29
T 30	19 46 31	24°45'05	28°15	25°12	18°57	11°29	10°10	13°30	4°51	6°50	13°19	20°22	20°29	24°25	n.a.	T 30
W31	19 50 27	25♋43'22	10♒27	27♋ 6	20♊ 8	12♌ 8	10♍21	13♉34	4♋54	6°D50	13♒18	20♎ 9	20♎26	24♐32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n47	18s47	4n51	19n34	2s34	14n35	2s14	23n 3	1n12	10n56	1n24	13n36	1s50	24n13	0n26	12s24	1n48	32s 8	15s57	9s13	8s43	19s 7			n.a.
T 2	23 49	17 27	5 2	19 54	2 19	14 56	2 12	22 56	1 12	10 53	1 24	13 38	1 50	24 13	0 26	12 24	1 48	32 8	15 57	9 8	8 42	19 7			n.a.
W 3	23 49	15 20	5 0	20 16	2 4	15 18	2 9	22 49	1 12	10 50	1 23	13 40	1 50	24 13	0 26	12 23	1 48	32 9	15 57	9 4	8 40	19 7			n.a.
T 4	23 50	12 33	4 44	20 38	1 48	15 39	2 7	22 42	1 12	10 46	1 23	13 42	1 51	24 13	0 26	12 23	1 48	32 9	15 58	9 1	8 39	19 7			n.a.
F 5	23 50	9 11	4 15	21 1	1 33	16 0	2 4	22 35	1 11	10 43	1 23	13 44	1 51	24 13	0 26	12 23	1 48	32 10	15 58	8 58	8 38	19 7			n.a.
S 6	23 49	5 22	3 33	21 25	1 18	16 21	2 2	22 27	1 11	10 40	1 23	13 45	1 51	24 13	0 26	12 23	1 48	32 10	15 58	8 56	8 37	19 7			n.a.
S 7	23 48	1 13	2 40	21 48	1 3	16 41	1 59	22 20	1 11	10 36	1 22	13 47	1 51	24 13	0 26	12 22	1 48	32 11	15 58	8 55	8 36	19 7			n.a.
M 8	23 47	3n 5	1 37	22 12	0 48	17 1	1 57	22 12	1 10	10 33	1 22	13 49	1 51	24 13	0 26	12 22	1 48	32 11	15 59	8 55	8 34	19 7			n.a.
T 9	23 45	7 21	0 27	22 35	0 34	17 21	1 54	22 4	1 10	10 29	1 22	13 51	1 51	24 13	0 26	12 22	1 47	32 12	15 59	8 55	8 33	19 7			n.a.
W10	23 43	11 22	0s46	22 57	0 20	17 41	1 51	21 56	1 10	10 25	1 22	13 52	1 51	24 13	0 26	12 22	1 47	32 12	15 59	8 55	8 32	19 7			n.a.
T 11	23 40	14 52	1 58	23 18	0 6	17 59	1 48	21 47	1 10	10 22	1 22	13 54	1 51	24 13	0 26	12 22	1 47	32 13	15 59	8 54	8 31	19 7			n.a.
F 12	23 37	17 30	3 5	23 38	0n 7	18 18	1 46	21 39	1 9	10 18	1 21	13 56	1 51	24 12	0 26	12 22	1 47	32 13	16 0	8 53	8 30	19 7			n.a.
S 13	23 34	19 0	4 1	23 57	0 19	18 36	1 43	21 30	1 9	10 14	1 21	13 57	1 51	24 12	0 26	12 22	1 47	32 14	16 0	8 50	8 28	19 7			n.a.
S 14	23 30	19 10	4 40	24 13	0 31	18 54	1 40	21 21	1 9	10 11	1 21	13 59	1 51	24 12	0 26	12 21	1 47	32 14	16 0	8 47	8 27	19 7			n.a.
M15	23 26	17 56	4 59	24 28	0 42	19 11	1 37	21 12	1 8	10 7	1 21	14 0	1 52	24 12	0 26	12 21	1 47	32 15	16 0	8 43	8 26	19 7			n.a.
T 16	23 21	15 29	4 58	24 40	0 52	19 28	1 34	21 3	1 8	10 3	1 21	14 2	1 52	24 12	0 26	12 21	1 47	32 15	16 1	8 39	8 25	19 7			n.a.
W17	23 16	12 3	4 36	24 51	1 1	19 45	1 31	20 54	1 8	9 59	1 20	14 4	1 52	24 12	0 26	12 21	1 47	32 16	16 1	8 35	8 24	19 6			n.a.
T 18	23 10	8 1	3 57	24 58	1 9	20 1	1 28	20 44	1 8	9 55	1 20	14 5	1 52	24 12	0 26	12 21	1 47	32 16	16 1	8 32	8 22	19 6			n.a.
F 19	23 4	3 40	3 5	25 3	1 17	20 16	1 25	20 35	1 7	9 51	1 20	14 7	1 52	24 12	0 26	12 21	1 47	32 17	16 1	8 30	8 21	19 6			n.a.
S 20	22 58	0s43	2 5	25 6	1 23	20 31	1 22	20 25	1 7	9 47	1 20	14 8	1 52	24 12	0 26	12 21	1 47	32 17	16 1	8 29	8 20	19 6			n.a.
S 21	22 51	4 56	1 0	25 5	1 29	20 46	1 18	20 15	1 7	9 43	1 20	14 9	1 52	24 12	0 26	12 21	1 47	32 18	16 2	8 29	8 19	19 6			n.a.
M22	22 44	8 48	0n 6	25 3	1 34	21 0	1 15	20 5	1 6	9 39	1 19	14 11	1 52	24 11	0 26	12 21	1 47	32 18	16 2	8 29	8 17	19 6			n.a.
T 23	22 36	12 13	1 10	24 57	1 38	21 14	1 12	19 54	1 6	9 35	1 19	14 12	1 52	24 11	0 26	12 21	1 47	32 19	16 2	8 29	8 16	19 6			n.a.
W24	22 28	15 2	2 10	24 49	1 42	21 27	1 9	19 44	1 6	9 31	1 19	14 13	1 53	24 11	0 26	12 21	1 47	32 19	16 2	8 28	8 15	19 6			n.a.
T 25	22 20	17 12	3 3	24 38	1 44	21 39	1 6	19 33	1 5	9 26	1 19	14 15	1 53	24 11	0 26	12 21	1 46	32 20	16 2	8 27	8 14	19 6			n.a.
F 26	22 11	18 37	3 48	24 25	1 46	21 51	1 2	19 23	1 5	9 22	1 19	14 16	1 53	24 11	0 26	12 21	1 46	32 20	16 3	8 24	8 13	19 6			n.a.
S 27	22 2	19 13	4 24	24 10	1 47	22 2	0 59	19 12	1 5	9 18	1 19	14 17	1 53	24 11	0 26	12 21	1 46	32 21	16 3	8 20	8 11	19 6			n.a.
S 28	21 52	18 58	4 47	23 53	1 48	22 13	0 56	19 1	1 4	9 14	1 18	14 19	1 53	24 11	0 26	12 21	1 46	32 21	16 3	8 16	8 10	19 6			n.a.
M29	21 42	17 53	4 59	23 33	1 48	22 23	0 53	18 50	1 4	9 9	1 18	14 20	1 53	24 11	0 26	12 21	1 46	32 22	16 3	8 11	8 9	19 5			n.a.
T 30	21 31	16 0	4 57	23 12	1 47	22 33	0 49	18 38	1 4	9 5	1 18	14 21	1 53	24 10	0 26	12 21	1 46	32 22	16 3	8 5	8 8	19 5			n.a.
W31	21n21	13s23	4n41	22n49	1n46	22n41	0s46	18n27	1n 4	9n 1	1n18	14n22	1s53	24n10	0n26	12s21	1n46	32s23	16s 3	8s 0	8s 7	19s 5			n.a.

Julian Day Number = 1301201.5, Delta T = 07h50m11s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'22, Lahiri = -19°50'22 Julian Calendar 1 July 1151 BCE == Greg. Calendar 20 June 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

AUGUST 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 24	26♋41'42	22♒46	28♋59	21♊19	12♌48	10♍32	13♉38	4♋58	6♏50	13°R17	19°R58	20♎23	24♐39	n.a.	T 1
F 2	19 58 21	27°40'03	5♓15	0♌51	22°30	13°27	10°43	13°42	5° 1	6°50	13♒15	19♎49	20°20	24°45	n.a.	F 2
S 3	20 2 17	28°38'27	17°54	2°41	23°42	14° 6	10°54	13°46	5° 5	6°50	13°14	19°43	20°17	24°52	n.a.	S 3
S 4	20 6 14	29°36'53	0♈46	4°31	24°53	14°46	11° 5	13°50	5° 8	6°50	13°13	19°40	20°13	24°59	n.a.	S 4
M 5	20 10 10	0♌35'21	13°52	6°20	26° 5	15°25	11°17	13°53	5°12	6°50	13°12	19°38	20°10	25° 5	n.a.	M 5
T 6	20 14 7	1°33'52	27°16	8° 7	27°16	16° 5	11°28	13°57	5°15	6°51	13°11	19°38	20° 7	25°12	n.a.	T 6
W 7	20 18 3	2°32'25	10♉59	9°54	28°28	16°44	11°40	14° 0	5°19	6°51	13°10	19°38	20° 4	25°19	n.a.	W 7
T 8	20 22 0	3°31'00	25° 4	11°39	29°40	17°24	11°51	14° 4	5°22	6°51	13° 8	19°37	20° 1	25°26	n.a.	T 8
F 9	20 25 56	4°29'38	9♊29	13°23	0♋52	18° 3	12° 3	14° 7	5°25	6°51	13° 7	19°33	19°57	25°32	n.a.	F 9
S 10	20 29 53	5°28'18	24°12	15° 6	2° 4	18°43	12°15	14°10	5°29	6°52	13° 6	19°27	19°54	25°39	n.a.	S 10
S 11	20 33 49	6°27'00	9♋ 8	16°49	3°16	19°23	12°26	14°13	5°32	6°52	13° 5	19°18	19°51	25°46	n.a.	S 11
M12	20 37 46	7°25'45	24° 8	18°30	4°28	20° 3	12°38	14°16	5°35	6°52	13° 4	19° 8	19°48	25°52	n.a.	M12
T 13	20 41 43	8°24'32	9♌ 3	20°10	5°41	20°42	12°50	14°19	5°39	6°53	13° 2	18°57	19°45	25°59	n.a.	T 13
W14	20 45 39	9°23'21	23°43	21°49	6°53	21°22	13° 2	14°22	5°42	6°53	13° 1	18°47	19°42	26° 6	n.a.	W14
T 15	20 49 36	10°22'12	8♍ 2	23°27	8° 6	22° 2	13°14	14°25	5°45	6°54	13° 0	18°39	19°38	26°13	n.a.	T 15
F 16	20 53 32	11°21'05	21°54	25° 4	9°18	22°42	13°26	14°27	5°49	6°54	12°59	18°34	19°35	26°19	n.a.	F 16
S 17	20 57 29	12°20'00	5♎18	26°40	10°31	23°22	13°38	14°30	5°52	6°55	12°57	18°31	19°32	26°26	n.a.	S 17
S 18	21 1 25	13°18'56	18°16	28°15	11°44	24° 2	13°51	14°32	5°55	6°55	12°56	18°D31	19°29	26°33	n.a.	S 18
M19	21 5 22	14°17'55	0♏51	29°50	12°56	24°42	14° 3	14°34	5°58	6°56	12°55	18°31	19°26	26°39	n.a.	M19
T 20	21 9 18	15°16'56	13° 7	1♍23	14° 9	25°22	14°15	14°37	6° 1	6°57	12°54	18°R31	19°23	26°46	n.a.	T 20
W21	21 13 15	16°15'58	25°10	2°55	15°22	26° 2	14°27	14°39	6° 4	6°57	12°53	18°31	19°19	26°53	n.a.	W21
T 22	21 17 11	17°15'03	7♐ 4	4°27	16°35	26°42	14°40	14°41	6° 7	6°58	12°51	18°29	19°16	27° 0	n.a.	T 22
F 23	21 21 8	18°14'09	18°55	5°57	17°48	27°23	14°52	14°42	6°10	6°59	12°50	18°24	19°13	27° 6	n.a.	F 23
S 24	21 25 5	19°13'18	0♑47	7°27	19° 1	28° 3	15° 5	14°44	6°13	7° 0	12°49	18°18	19°10	27°13	n.a.	S 24
S 25	21 29 1	20°12'28	12°44	8°56	20°14	28°43	15°17	14°46	6°16	7° 0	12°48	18° 9	19° 7	27°20	n.a.	S 25
M26	21 32 58	21°11'41	24°48	10°24	21°28	29°24	15°30	14°47	6°19	7° 1	12°47	17°58	19° 3	27°26	n.a.	M26
T 27	21 36 54	22°10'55	7♒ 1	11°50	22°41	0♍ 4	15°42	14°49	6°22	7° 2	12°45	17°48	19° 0	27°33	n.a.	T 27
W28	21 40 51	23°10'12	19°25	13°16	23°54	0°45	15°55	14°50	6°25	7° 3	12°44	17°37	18°57	27°40	n.a.	W28
T 29	21 44 47	24° 9'30	2♓ 1	14°41	25° 8	1°25	16° 8	14°51	6°28	7° 4	12°43	17°29	18°54	27°47	n.a.	T 29
F 30	21 48 44	25° 8'51	14°47	16° 5	26°22	2° 6	16°20	14°52	6°30	7° 5	12°42	17°22	18°51	27°53	n.a.	F 30
S 31	21 52 40	26♌ 8'14	27♓44	17♍28	27♋35	2♍46	16♍33	14♉53	6♋33	7♏ 6	12♒41	17♎18	18♎48	28♐ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n10	10s10	4n13	22n24	1n44	22n50	0s43	18n15	1n 3	8n56	1n18	14n23	1s54	24n10	0n26	12s21	1n46	32s23	16s 3	7s56	8s 5	19s 5		n.a.
F 2	20 58	6 28	3 32	21 57	1 42	22 57	0 39	18 3	1 3	8 52	1 18	14 24	1 54	24 10	0 26	12 21	1 46	32 24	16 4	7 52	8 4	19 5		n.a.
S 3	20 46	2 25	2 39	21 29	1 39	23 4	0 36	17 52	1 2	8 47	1 18	14 25	1 54	24 10	0 26	12 21	1 46	32 24	16 4	7 50	8 3	19 5		n.a.
S 4	20 34	1n48	1 38	21 0	1 36	23 11	0 33	17 40	1 2	8 43	1 17	14 26	1 54	24 10	0 26	12 21	1 46	32 25	16 4	7 49	8 2	19 5		n.a.
M 5	20 21	6 2	0 31	20 29	1 33	23 17	0 30	17 27	1 2	8 38	1 17	14 27	1 54	24 10	0 26	12 21	1 46	32 25	16 4	7 48	8 0	19 5		n.a.
T 6	20 8	10 2	0s40	19 57	1 29	23 22	0 26	17 15	1 1	8 34	1 17	14 28	1 54	24 10	0 26	12 22	1 46	32 26	16 4	7 48	7 59	19 4		n.a.
W 7	19 55	13 37	1 51	19 25	1 24	23 26	0 23	17 3	1 1	8 29	1 17	14 29	1 54	24 10	0 26	12 22	1 46	32 26	16 4	7 48	7 58	19 4		n.a.
T 8	19 41	16 30	2 56	18 51	1 20	23 30	0 20	16 50	1 1	8 24	1 17	14 30	1 54	24 9	0 26	12 22	1 46	32 27	16 4	7 48	7 57	19 4		n.a.
F 9	19 27	18 25	3 52	18 16	1 15	23 33	0 17	16 37	1 0	8 20	1 17	14 31	1 55	24 9	0 26	12 22	1 45	32 27	16 4	7 46	7 56	19 4		n.a.
S 10	19 13	19 9	4 33	17 40	1 10	23 35	0 13	16 25	1 0	8 15	1 17	14 32	1 55	24 9	0 26	12 22	1 45	32 28	16 4	7 44	7 54	19 4		n.a.
S 11	18 58	18 34	4 57	17 4	1 4	23 37	0 10	16 12	1 0	8 10	1 16	14 32	1 55	24 9	0 26	12 22	1 45	32 28	16 4	7 40	7 53	19 4		n.a.
M12	18 43	16 42	5 1	16 27	0 59	23 38	0 7	15 58	0 59	8 6	1 16	14 33	1 55	24 9	0 26	12 23	1 45	32 28	16 4	7 36	7 52	19 4		n.a.
T 13	18 27	13 44	4 44	15 50	0 53	23 38	0 4	15 45	0 59	8 1	1 16	14 34	1 55	24 9	0 26	12 23	1 45	32 29	16 4	7 32	7 51	19 3		n.a.
W14	18 12	9 56	4 8	15 12	0 46	23 38	0 1	15 32	0 59	7 56	1 16	14 35	1 55	24 9	0 26	12 23	1 45	32 29	16 4	7 29	7 49	19 3		n.a.
T 15	17 56	5 39	3 18	14 33	0 40	23 37	0n 2	15 18	0 58	7 51	1 16	14 35	1 55	24 9	0 26	12 23	1 45	32 30	16 5	7 26	7 48	19 3		n.a.
F 16	17 39	1 11	2 17	13 54	0 34	23 35	0 5	15 5	0 58	7 47	1 16	14 36	1 56	24 8	0 26	12 23	1 45	32 30	16 5	7 24	7 47	19 3		n.a.
S 17	17 23	3s12	1 10	13 15	0 27	23 33	0 8	14 51	0 57	7 42	1 16	14 36	1 56	24 8	0 27	12 24	1 45	32 31	16 5	7 22	7 46	19 3		n.a.
S 18	17 6	7 18	0 1	12 35	0 20	23 30	0 11	14 37	0 57	7 37	1 16	14 37	1 56	24 8	0 27	12 24	1 45	32 31	16 5	7 22	7 45	19 3		n.a.
M19	16 48	10 56	1n 5	11 56	0 13	23 26	0 14	14 23	0 57	7 32	1 15	14 38	1 56	24 8	0 27	12 24	1 45	32 31	16 5	7 22	7 43	19 2		n.a.
T 20	16 31	14 1	2 7	11 15	0 6	23 21	0 17	14 9	0 56	7 27	1 15	14 38	1 56	24 8	0 27	12 24	1 45	32 32	16 5	7 22	7 42	19 2		n.a.
W21	16 13	16 25	3 3	10 35	0s 1	23 16	0 20	13 55	0 56	7 22	1 15	14 39	1 56	24 8	0 27	12 25	1 45	32 32	16 5	7 22	7 41	19 2		n.a.
T 22	15 55	18 5	3 49	9 55	0 8	23 10	0 23	13 41	0 56	7 17	1 15	14 39	1 56	24 8	0 27	12 25	1 45	32 32	16 5	7 21	7 40	19 2		n.a.
F 23	15 37	18 57	4 26	9 14	0 15	23 3	0 26	13 26	0 55	7 12	1 15	14 39	1 57	24 8	0 27	12 25	1 45	32 33	16 5	7 20	7 38	19 2		n.a.
S 24	15 18	18 59	4 51	8 34	0 22	22 56	0 29	13 12	0 55	7 7	1 15	14 40	1 57	24 7	0 27	12 26	1 44	32 33	16 5	7 17	7 37	19 2		n.a.
S 25	14 59	18 11	5 3	7 54	0 30	22 48	0 31	12 57	0 54	7 2	1 15	14 40	1 57	24 7	0 27	12 26	1 44	32 34	16 5	7 14	7 36	19 1		n.a.
M26	14 40	16 33	5 2	7 13	0 37	22 39	0 34	12 43	0 54	6 57	1 15	14 40	1 57	24 7	0 27	12 26	1 44	32 34	16 5	7 10	7 35	19 1		n.a.
T 27	14 21	14 11	4 48	6 33	0 45	22 29	0 37	12 28	0 54	6 52	1 15	14 41	1 57	24 7	0 27	12 27	1 44	32 34	16 4	7 5	7 34	19 1		n.a.
W28	14 1	11 8	4 20	5 53	0 52	22 19	0 39	12 13	0 53	6 47	1 15	14 41	1 57	24 7	0 27	12 27	1 44	32 35	16 4	7 2	7 32	19 1		n.a.
T 29	13 41	7 32	3 38	5 13	0 59	22 9	0 42	11 58	0 53	6 42	1 14	14 41	1 58	24 7	0 27	12 27	1 44	32 35	16 4	6 58	7 31	19 1		n.a.
F 30	13 21	3 33	2 45	4 33	1 7	21 57	0 44	11 43	0 52	6 37	1 14	14 41	1 58	24 7	0 27	12 28	1 44	32 35	16 4	6 56	7 30	19 0		n.a.
S 31	13n 1	0n39	1n43	3n53	1s14	21n45	0n47	11n28	0n52	6n32	1n14	14n41	1s58	24n 7	0n27	12s28	1n44	32s36	16s 4	6s54	7s29	19s 0		n.a.

Julian Day Number = 1301232.5, Delta T = 07h50m10s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'18, Lahiri = -19°50'18 Julian Calendar 1 Aug. 1151 BCE == Greg. Calendar 21 July 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

SEPTEMBER 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 37	27♌ 7'40	10♈53	18♍50	28♋49	3♍27	16♍46	14♉54	6♋36	7♏ 7	12°R39	17°R16	18♎44	28♐ 7	n.a.	S 1
M 2	22 0 33	28° 7'08	24°13	20°11	0♌ 3	4° 7	16°59	14°55	6°39	7° 8	12♒38	17°D16	18°41	28°13	n.a.	M 2
T 3	22 4 30	29° 6'38	7♉46	21°31	1°16	4°48	17°12	14°55	6°41	7° 9	12°37	17♎17	18°38	28°20	n.a.	T 3
W 4	22 8 27	0♍ 6'11	21°32	22°49	2°30	5°29	17°25	14°56	6°44	7°10	12°36	17°18	18°35	28°27	n.a.	W 4
T 5	22 12 23	1° 5'46	5♊31	24° 6	3°44	6°10	17°37	14°56	6°46	7°11	12°35	17°R18	18°32	28°34	n.a.	T 5
F 6	22 16 20	2° 5'24	19°44	25°22	4°58	6°51	17°50	14°56	6°49	7°13	12°34	17°17	18°28	28°40	n.a.	F 6
S 7	22 20 16	3° 5'04	4♋ 7	26°36	6°12	7°32	18° 3	14°57	6°51	7°14	12°32	17°13	18°25	28°47	n.a.	S 7
S 8	22 24 13	4° 4'47	18°39	27°49	7°26	8°12	18°16	14°R57	6°54	7°15	12°31	17° 8	18°22	28°54	n.a.	S 8
M 9	22 28 9	5° 4'32	3♌13	29° 0	8°41	8°53	18°29	14°57	6°56	7°16	12°30	17° 2	18°19	29° 0	n.a.	M 9
T 10	22 32 6	6° 4'20	17°43	0♎10	9°55	9°35	18°42	14°56	6°58	7°18	12°29	16°55	18°16	29° 7	n.a.	T 10
W11	22 36 2	7° 4'09	2♍ 3	1°17	11° 9	10°16	18°56	14°56	7° 1	7°19	12°28	16°49	18°13	29°14	n.a.	W11
T 12	22 39 59	8° 4'01	16° 7	2°22	12°23	10°57	19° 9	14°56	7° 3	7°20	12°27	16°44	18° 9	29°21	n.a.	T 12
F 13	22 43 56	9° 3'55	29°50	3°25	13°38	11°38	19°22	14°55	7° 5	7°22	12°26	16°41	18° 6	29°27	n.a.	F 13
S 14	22 47 52	10° 3'50	13♎11	4°25	14°52	12°19	19°35	14°55	7° 7	7°23	12°25	16°D40	18° 3	29°34	n.a.	S 14
S 15	22 51 49	11° 3'48	26° 8	5°22	16° 7	13° 1	19°48	14°54	7°10	7°24	12°24	16°40	18° 0	29°41	n.a.	S 15
M16	22 55 45	12° 3'47	8♏45	6°16	17°21	13°42	20° 1	14°53	7°12	7°26	12°23	16°41	17°57	29°47	n.a.	M16
T 17	22 59 42	13° 3'49	21° 3	7° 6	18°36	14°23	20°14	14°52	7°14	7°27	12°22	16°43	17°54	29°54	n.a.	T 17
W18	23 3 38	14° 3'52	3♐ 8	7°53	19°50	15° 5	20°28	14°51	7°16	7°29	12°21	16°45	17°50	0♑ 1	n.a.	W18
T 19	23 7 35	15° 3'57	15° 4	8°35	21° 5	15°46	20°41	14°50	7°18	7°30	12°20	16°R45	17°47	0° 8	n.a.	T 19
F 20	23 11 31	16° 4'04	26°56	9°12	22°20	16°28	20°54	14°48	7°19	7°32	12°19	16°45	17°44	0°14	n.a.	F 20
S 21	23 15 28	17° 4'12	8♑50	9°44	23°35	17° 9	21° 7	14°47	7°21	7°34	12°18	16°43	17°41	0°21	n.a.	S 21
S 22	23 19 24	18° 4'22	20°48	10°11	24°49	17°51	21°21	14°45	7°23	7°35	12°17	16°39	17°38	0°28	n.a.	S 22
M23	23 23 21	19° 4'34	2♒56	10°30	26° 4	18°32	21°34	14°44	7°25	7°37	12°16	16°35	17°34	0°34	n.a.	M23
T 24	23 27 18	20° 4'48	15°16	10°43	27°19	19°14	21°47	14°42	7°27	7°38	12°15	16°30	17°31	0°41	n.a.	T 24
W25	23 31 14	21° 5'03	27°51	10°R47	28°34	19°56	22° 0	14°40	7°28	7°40	12°14	16°26	17°28	0°48	n.a.	W25
T 26	23 35 11	22° 5'20	10♓41	10°44	29°49	20°38	22°14	14°38	7°30	7°42	12°13	16°22	17°25	0°55	n.a.	T 26
F 27	23 39 7	23° 5'39	23°47	10°31	1♍ 4	21°20	22°27	14°36	7°31	7°44	12°12	16°20	17°22	1° 1	n.a.	F 27
S 28	23 43 4	24° 6'00	7♈ 7	10° 9	2°19	22° 1	22°40	14°34	7°33	7°45	12°11	16°18	17°19	1° 8	n.a.	S 28
S 29	23 47 0	25° 6'23	20°41	9°37	3°34	22°43	22°53	14°32	7°34	7°47	12°10	16°D18	17°15	1°15	n.a.	S 29
M30	23 50 57	26♍ 6'48	4♉26	8♎55	4♍49	23♍25	23♍ 7	14♉29	7♋36	7♏49	12♒10	16♎19	17♎12	1♑22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n40	4n54	0n34	3n14	1s22	21n32	0n49	11n12	0n51	6n27	1n14	14n42	1s58	24n 7	0n27	12s29	1n44	32s36	16s 4	6s53	7s27	19s 0		n.a.
M 2	12 19	8 58	0s37	2 36	1 29	21 19	0 52	10 57	0 51	6 21	1 14	14 42	1 58	24 6	0 27	12 29	1 44	32 36	16 4	6 53	7 26	19 0		n.a.
T 3	11 58	12 37	1 48	1 57	1 36	21 5	0 54	10 41	0 51	6 16	1 14	14 42	1 58	24 6	0 27	12 29	1 44	32 36	16 4	6 54	7 25	18 59		n.a.
W 4	11 37	15 38	2 54	1 19	1 43	20 50	0 56	10 26	0 50	6 11	1 14	14 42	1 58	24 6	0 27	12 30	1 44	32 37	16 4	6 54	7 24	18 59		n.a.
T 5	11 16	17 47	3 51	0 42	1 50	20 35	0 58	10 10	0 50	6 6	1 14	14 42	1 59	24 6	0 27	12 30	1 44	32 37	16 4	6 54	7 23	18 59		n.a.
F 6	10 54	18 52	4 34	0 5	1 57	20 19	1 0	9 54	0 49	6 1	1 14	14 42	1 59	24 6	0 27	12 31	1 44	32 37	16 4	6 54	7 21	18 59		n.a.
S 7	10 32	18 45	5 1	0s31	2 4	20 2	1 2	9 38	0 49	5 55	1 14	14 41	1 59	24 6	0 27	12 31	1 44	32 37	16 4	6 52	7 20	18 59		n.a.
S 8	10 10	17 25	5 9	1 6	2 10	19 45	1 4	9 22	0 48	5 50	1 14	14 41	1 59	24 6	0 27	12 32	1 44	32 38	16 4	6 50	7 19	18 58		n.a.
M 9	9 48	14 57	4 57	1 41	2 17	19 27	1 6	9 6	0 48	5 45	1 14	14 41	1 59	24 6	0 27	12 32	1 44	32 38	16 3	6 48	7 18	18 58		n.a.
T 10	9 26	11 33	4 26	2 14	2 23	19 9	1 8	8 50	0 48	5 40	1 14	14 41	1 59	24 6	0 27	12 32	1 43	32 38	16 3	6 45	7 16	18 58		n.a.
W11	9 3	7 31	3 38	2 47	2 29	18 50	1 10	8 34	0 47	5 34	1 14	14 41	1 59	24 6	0 27	12 33	1 43	32 38	16 3	6 43	7 15	18 58		n.a.
T 12	8 41	3 8	2 38	3 18	2 34	18 30	1 12	8 18	0 47	5 29	1 13	14 41	2 0	24 5	0 27	12 33	1 43	32 39	16 3	6 41	7 14	18 57		n.a.
F 13	8 18	1s19	1 30	3 49	2 39	18 10	1 13	8 1	0 46	5 24	1 13	14 40	2 0	24 5	0 27	12 34	1 43	32 39	16 3	6 40	7 13	18 57		n.a.
S 14	7 55	5 34	0 19	4 17	2 44	17 50	1 15	7 45	0 46	5 19	1 13	14 40	2 0	24 5	0 27	12 34	1 43	32 39	16 3	6 39	7 12	18 57		n.a.
S 15	7 32	9 27	0n51	4 45	2 49	17 29	1 17	7 29	0 45	5 13	1 13	14 40	2 0	24 5	0 27	12 35	1 43	32 39	16 3	6 39	7 10	18 57		n.a.
M16	7 9	12 47	1 58	5 10	2 53	17 7	1 18	7 12	0 45	5 8	1 13	14 39	2 0	24 5	0 27	12 36	1 43	32 39	16 2	6 40	7 9	18 56		n.a.
T 17	6 46	15 28	2 57	5 33	2 56	16 45	1 19	6 55	0 44	5 3	1 13	14 39	2 0	24 5	0 27	12 36	1 43	32 39	16 2	6 40	7 8	18 56		n.a.
W18	6 22	17 25	3 47	5 55	2 59	16 23	1 21	6 39	0 44	4 57	1 13	14 38	2 0	24 5	0 27	12 37	1 43	32 40	16 2	6 41	7 7	18 56		n.a.
T 19	5 59	18 34	4 27	6 14	3 2	16 0	1 22	6 22	0 43	4 52	1 13	14 38	2 0	24 5	0 27	12 37	1 43	32 40	16 2	6 41	7 5	18 56		n.a.
F 20	5 35	18 53	4 55	6 30	3 3	15 36	1 23	6 5	0 43	4 47	1 13	14 37	2 1	24 5	0 27	12 38	1 43	32 40	16 2	6 41	7 4	18 55		n.a.
S 21	5 11	18 22	5 10	6 44	3 4	15 12	1 24	5 48	0 42	4 41	1 13	14 37	2 1	24 5	0 27	12 38	1 43	32 40	16 1	6 40	7 3	18 55		n.a.
S 22	4 47	17 3	5 12	6 54	3 4	14 48	1 25	5 31	0 42	4 36	1 13	14 36	2 1	24 5	0 28	12 39	1 43	32 40	16 1	6 39	7 2	18 55		n.a.
M23	4 23	14 57	5 1	7 1	3 3	14 23	1 26	5 14	0 42	4 31	1 13	14 36	2 1	24 5	0 28	12 39	1 43	32 40	16 1	6 37	7 0	18 54		n.a.
T 24	3 59	12 9	4 35	7 4	3 0	13 58	1 27	4 57	0 41	4 25	1 13	14 35	2 1	24 5	0 28	12 40	1 43	32 40	16 1	6 35	6 59	18 54		n.a.
W25	3 35	8 44	3 55	7 2	2 56	13 32	1 28	4 40	0 41	4 20	1 13	14 34	2 1	24 4	0 28	12 41	1 43	32 40	16 1	6 34	6 58	18 54		n.a.
T 26	3 11	4 51	3 3	6 56	2 51	13 6	1 29	4 23	0 40	4 15	1 13	14 34	2 1	24 4	0 28	12 41	1 43	32 40	16 0	6 32	6 57	18 54		n.a.
F 27	2 47	0 40	2 1	6 45	2 45	12 40	1 30	4 6	0 40	4 9	1 13	14 33	2 1	24 4	0 28	12 42	1 43	32 40	16 0	6 31	6 55	18 53		n.a.
S 28	2 23	3n38	0 50	6 28	2 37	12 13	1 30	3 49	0 39	4 4	1 13	14 32	2 2	24 4	0 28	12 42	1 43	32 41	16 0	6 31	6 54	18 53		n.a.
S 29	1 59	7 50	0s24	6 6	2 26	11 46	1 31	3 31	0 39	3 59	1 13	14 31	2 2	24 4	0 28	12 43	1 42	32 41	16 0	6 31	6 53	18 53		n.a.
M30	1n34	11n40	1s38	5s39	2s15	11n19	1n31	3n14	0n38	3n53	1n13	14n31	2s 2	24n 4	0n28	12s44	1n42	32s41	15s59	6s31	6s52	18s52		n.a.

Julian Day Number = 1301263.5, Delta T = 07h50m08s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'14, Lahiri = -19°50'14 Julian Calendar 1 Sept. 1151 BCE == Greg. Calendar 21 Aug. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

OCTOBER 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 53	27♍ 7'14	18♉21	8°R 4	6♍ 4	24♍ 7	23♍20	14°R27	7♋37	7♏51	12°R 9	16♎20	17♎ 9	1♑28	n.a.	T 1
W 2	23 58 50	28° 7'43	2♊23	7♎ 4	7°19	24°49	23°33	14♉24	7°38	7°52	12♒ 8	16°21	17° 6	1°35	n.a.	W 2
T 3	0 2 47	29° 8'14	16°30	5°56	8°34	25°32	23°46	14°22	7°40	7°54	12° 7	16°22	17° 3	1°42	n.a.	T 3
F 4	0 6 43	0♎ 8'47	0♋40	4°42	9°49	26°14	24° 0	14°19	7°41	7°56	12° 6	16°R23	17° 0	1°48	n.a.	F 4
S 5	0 10 40	1° 9'22	14°52	3°24	11° 5	26°56	24°13	14°16	7°42	7°58	12° 6	16°22	16°56	1°55	n.a.	S 5
S 6	0 14 36	2° 9'59	29° 3	2° 4	12°20	27°38	24°26	14°13	7°43	8° 0	12° 5	16°21	16°53	2° 2	n.a.	S 6
M 7	0 18 33	3°10'38	13♌10	0°44	13°35	28°21	24°39	14°10	7°44	8° 2	12° 4	16°20	16°50	2° 9	n.a.	M 7
T 8	0 22 29	4°11'18	27°11	29♍28	14°51	29° 3	24°52	14° 7	7°45	8° 4	12° 4	16°18	16°47	2°15	n.a.	T 8
W 9	0 26 26	5°12'01	11♍ 2	28°17	16° 6	29°45	25° 6	14° 4	7°46	8° 6	12° 3	16°16	16°44	2°22	n.a.	W 9
T 10	0 30 22	6°12'45	24°40	27°15	17°21	0♎28	25°19	14° 0	7°47	8° 8	12° 2	16°15	16°40	2°29	n.a.	T 10
F 11	0 34 19	7°13'30	8♎ 3	26°22	18°37	1°10	25°32	13°57	7°47	8°10	12° 2	16°15	16°37	2°35	n.a.	F 11
S 12	0 38 15	8°14'18	21°10	25°40	19°52	1°53	25°45	13°53	7°48	8°12	12° 1	16°D15	16°34	2°42	n.a.	S 12
S 13	0 42 12	9°15'06	3♏59	25° 9	21° 7	2°36	25°58	13°50	7°49	8°14	12° 1	16°15	16°31	2°49	n.a.	S 13
M14	0 46 9	10°15'56	16°32	24°50	22°23	3°18	26°11	13°46	7°49	8°16	12° 0	16°16	16°28	2°56	n.a.	M14
T 15	0 50 5	11°16'48	28°50	24°D43	23°38	4° 1	26°24	13°42	7°50	8°18	11°59	16°16	16°25	3° 2	n.a.	T 15
W16	0 54 2	12°17'40	10♐55	24°47	24°54	4°44	26°37	13°38	7°51	8°20	11°59	16°17	16°21	3° 9	n.a.	W16
T 17	0 57 58	13°18'34	22°52	25° 1	26° 9	5°27	26°50	13°35	7°51	8°22	11°58	16°17	16°18	3°16	n.a.	T 17
F 18	1 1 55	14°19'29	4♑45	25°25	27°25	6° 9	27° 3	13°31	7°51	8°24	11°58	16°17	16°15	3°22	n.a.	F 18
S 19	1 5 51	15°20'25	16°37	25°57	28°40	6°52	27°16	13°27	7°52	8°26	11°58	16°R17	16°12	3°29	n.a.	S 19
S 20	1 9 48	16°21'22	28°35	26°37	29°56	7°35	27°29	13°22	7°52	8°28	11°57	16°D17	16° 9	3°36	n.a.	S 20
M21	1 13 44	17°22'19	10♒42	27°24	1♎11	8°18	27°42	13°18	7°52	8°31	11°57	16°17	16° 5	3°43	n.a.	M21
T 22	1 17 41	18°23'18	23° 3	28°17	2°27	9° 1	27°55	13°14	7°52	8°33	11°56	16°18	16° 2	3°49	n.a.	T 22
W23	1 21 38	19°24'18	5♓42	29°16	3°42	9°44	28° 8	13°10	7°53	8°35	11°56	16°18	15°59	3°56	n.a.	W23
T 24	1 25 34	20°25'18	18°40	0♎19	4°58	10°27	28°21	13° 5	7°53	8°37	11°56	16°18	15°56	4° 3	n.a.	T 24
F 25	1 29 31	21°26'20	2♈ 0	1°26	6°13	11°11	28°34	13° 1	7°R53	8°39	11°55	16°19	15°53	4°10	n.a.	F 25
S 26	1 33 27	22°27'22	15°41	2°37	7°29	11°54	28°46	12°56	7°53	8°41	11°55	16°R19	15°50	4°16	n.a.	S 26
S 27	1 37 24	23°28'25	29°40	3°51	8°44	12°37	28°59	12°52	7°53	8°44	11°55	16°19	15°46	4°23	n.a.	S 27
M28	1 41 20	24°29'30	13♉54	5° 7	10° 0	13°20	29°12	12°47	7°52	8°46	11°55	16°18	15°43	4°30	n.a.	M28
T 29	1 45 17	25°30'35	28°19	6°26	11°15	14° 4	29°24	12°43	7°52	8°48	11°54	16°17	15°40	4°36	n.a.	T 29
W30	1 49 13	26°31'42	12♊48	7°46	12°31	14°47	29°37	12°38	7°52	8°50	11°54	16°16	15°37	4°43	n.a.	W30
T 31	1 53 10	27♎32'50	27♊16	9♎ 9	13♎47	15♎30	29♍49	12♉33	7♋52	8♏53	11♒54	16♎15	15♎34	4♑50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n10	14n53	2s48	5s 6	2s 1	10n51	1n32	2n57	0n38	3n48	1n13	14n30	2s 2	24n 4	0n28	12s44	1n42	32s41	15s59	6s31	6s51	18s52			n.a.
W 2	0 45	17 15	3 48	4 28	1 45	10 23	1 32	2 39	0 37	3 43	1 13	14 29	2 2	24 4	0 28	12 45	1 42	32 41	15 59	6 32	6 49	18 52			n.a.
T 3	0 21	18 35	4 34	3 45	1 28	9 54	1 32	2 22	0 37	3 37	1 13	14 28	2 2	24 4	0 28	12 46	1 42	32 41	15 59	6 32	6 48	18 51			n.a.
F 4	0s 4	18 45	5 4	2 58	1 10	9 26	1 32	2 4	0 36	3 32	1 13	14 27	2 2	24 4	0 28	12 46	1 42	32 41	15 58	6 33	6 47	18 51			n.a.
S 5	0 28	17 45	5 16	2 8	0 50	8 57	1 32	1 47	0 35	3 27	1 13	14 26	2 2	24 4	0 28	12 47	1 42	32 41	15 58	6 32	6 46	18 51			n.a.
S 6	0 53	15 39	5 8	1 17	0 29	8 28	1 32	1 29	0 35	3 21	1 13	14 25	2 2	24 4	0 28	12 48	1 42	32 41	15 58	6 32	6 44	18 50			n.a.
M 7	1 17	12 38	4 42	0 26	0 9	7 58	1 32	1 12	0 34	3 16	1 13	14 24	2 2	24 4	0 28	12 48	1 42	32 41	15 58	6 31	6 43	18 50			n.a.
T 8	1 41	8 54	3 59	0n24	0n12	7 29	1 32	0 54	0 34	3 11	1 13	14 23	2 3	24 4	0 28	12 49	1 42	32 41	15 57	6 31	6 42	18 50			n.a.
W 9	2 6	4 44	3 3	1 10	0 32	6 59	1 32	0 36	0 33	3 5	1 13	14 22	2 3	24 4	0 28	12 50	1 42	32 40	15 57	6 30	6 41	18 49			n.a.
T 10	2 30	0 22	1 57	1 53	0 50	6 29	1 32	0 19	0 33	3 0	1 13	14 21	2 3	24 4	0 28	12 50	1 42	32 40	15 57	6 30	6 39	18 49			n.a.
F 11	2 55	3s56	0 45	2 30	1 8	5 59	1 32	0 1	0 32	2 55	1 13	14 20	2 3	24 4	0 28	12 51	1 42	32 40	15 57	6 29	6 38	18 49			n.a.
S 12	3 19	7 58	0n27	3 1	1 23	5 28	1 31	0s17	0 32	2 50	1 13	14 19	2 3	24 4	0 28	12 52	1 42	32 40	15 56	6 29	6 37	18 48			n.a.
S 13	3 43	11 32	1 37	3 26	1 37	4 58	1 31	0 34	0 31	2 44	1 13	14 18	2 3	24 4	0 28	12 52	1 42	32 40	15 56	6 30	6 36	18 48			n.a.
M14	4 8	14 30	2 40	3 45	1 49	4 27	1 30	0 52	0 31	2 39	1 13	14 17	2 3	24 4	0 28	12 53	1 42	32 40	15 56	6 30	6 34	18 48			n.a.
T 15	4 32	16 44	3 35	3 57	1 59	3 56	1 30	1 10	0 30	2 34	1 13	14 15	2 3	24 4	0 28	12 54	1 42	32 40	15 55	6 30	6 33	18 47			n.a.
W16	4 56	18 10	4 19	4 3	2 8	3 25	1 29	1 27	0 30	2 29	1 13	14 14	2 3	24 4	0 28	12 54	1 42	32 40	15 55	6 30	6 32	18 47			n.a.
T 17	5 20	18 47	4 51	4 4	2 14	2 54	1 28	1 45	0 29	2 23	1 13	14 13	2 3	24 4	0 28	12 55	1 42	32 40	15 55	6 30	6 31	18 47			n.a.
F 18	5 44	18 34	5 11	3 59	2 19	2 23	1 27	2 3	0 28	2 18	1 13	14 12	2 3	24 4	0 28	12 56	1 42	32 40	15 55	6 30	6 29	18 46			n.a.
S 19	6 8	17 32	5 17	3 49	2 23	1 52	1 27	2 21	0 28	2 13	1 13	14 10	2 3	24 4	0 28	12 57	1 42	32 39	15 54	6 30	6 28	18 46			n.a.
S 20	6 32	15 43	5 10	3 35	2 25	1 20	1 26	2 38	0 27	2 8	1 13	14 9	2 3	24 4	0 28	12 57	1 42	32 39	15 54	6 30	6 27	18 45			n.a.
M21	6 56	13 12	4 49	3 16	2 26	0 49	1 25	2 56	0 27	2 3	1 13	14 8	2 3	24 4	0 29	12 58	1 42	32 39	15 54	6 30	6 26	18 45			n.a.
T 22	7 19	10 3	4 15	2 55	2 26	0 17	1 24	3 14	0 26	1 57	1 13	14 6	2 3	24 4	0 29	12 59	1 42	32 39	15 53	6 30	6 25	18 45			n.a.
W23	7 43	6 22	3 27	2 30	2 25	0s14	1 23	3 32	0 26	1 52	1 13	14 5	2 3	24 4	0 29	12 59	1 42	32 39	15 53	6 31	6 23	18 44			n.a.
T 24	8 6	2 18	2 28	2 3	2 23	0 46	1 22	3 49	0 25	1 47	1 13	14 4	2 3	24 4	0 29	13 0	1 42	32 38	15 53	6 31	6 22	18 44			n.a.
F 25	8 29	2n 0	1 19	1 33	2 20	1 17	1 20	4 7	0 24	1 42	1 13	14 2	2 3	24 4	0 29	13 1	1 42	32 38	15 52	6 31	6 21	18 44			n.a.
S 26	8 53	6 19	0 4	1 2	2 17	1 48	1 19	4 25	0 24	1 37	1 13	14 1	2 3	24 4	0 29	13 2	1 42	32 38	15 52	6 31	6 20	18 43			n.a.
S 27	9 16	10 24	1s13	0 29	2 13	2 20	1 18	4 42	0 23	1 32	1 13	14 0	2 3	24 4	0 29	13 2	1 42	32 38	15 52	6 31	6 18	18 43			n.a.
M28	9 38	13 56	2 27	0s 6	2 9	2 51	1 16	5 0	0 23	1 27	1 13	13 58	2 3	24 4	0 29	13 3	1 42	32 38	15 51	6 31	6 17	18 42			n.a.
T 29	10 1	16 40	3 32	0 42	2 4	3 23	1 15	5 18	0 22	1 22	1 14	13 57	2 3	24 4	0 29	13 4	1 42	32 37	15 51	6 30	6 16	18 42			n.a.
W30	10 24	18 20	4 24	1 19	1 59	3 54	1 13	5 35	0 21	1 17	1 14	13 55	2 3	24 4	0 29	13 5	1 42	32 37	15 51	6 30	6 15	18 42			n.a.
T 31	10s46	18n49	4s59	1s57	1n53	4s25	1n12	5s53	0n21	1n12	1n14	13n54	2s 3	24n 4	0n29	13s 5	1n41	32s37	15s50	6s29	6s13	18s41			n.a.

Julian Day Number = 1301293.5, Delta T = 07h50m07s
Ecliptic obliquity = 23°49'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'10, Lahiri = -19°50'09 Julian Calendar 1 Oct. 1151 BCE == Greg. Calendar 20 Sept. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

NOVEMBER 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 57 7	28♎33'59	11♋39	10♎32	15♎ 2	16♎14	0♎ 2	12°R28	7°R51	8♏55	11°R54	16°R14	15♎31	4♑57	n.a.	F 1
S 2	2 1 3	29°35'09	25°53	11°57	16°18	16°57	0°14	12♉24	7♋51	8°57	11♒54	16°D13	15°27	5° 3	n.a.	S 2
S 3	2 5 0	0♏36'20	9♌56	13°23	17°33	17°41	0°27	12°19	7°50	8°59	11°54	16♎13	15°24	5°10	n.a.	S 3
M 4	2 8 56	1°37'32	23°45	14°50	18°49	18°25	0°39	12°14	7°50	9° 1	11°54	16°14	15°21	5°17	n.a.	M 4
T 5	2 12 53	2°38'46	7♍22	16°17	20° 5	19° 8	0°51	12° 9	7°49	9° 4	11°53	16°15	15°18	5°23	n.a.	T 5
W 6	2 16 49	3°39'59	20°46	17°45	21°20	19°52	1° 3	12° 4	7°48	9° 6	11°53	16°17	15°15	5°30	n.a.	W 6
T 7	2 20 46	4°41'14	3♎57	19°14	22°36	20°36	1°16	11°59	7°48	9° 8	11°D53	16°18	15°11	5°37	n.a.	T 7
F 8	2 24 42	5°42'30	16°56	20°43	23°51	21°20	1°28	11°54	7°47	9°11	11°53	16°R18	15° 8	5°44	n.a.	F 8
S 9	2 28 39	6°43'46	29°42	22°13	25° 7	22° 3	1°40	11°49	7°46	9°13	11°54	16°18	15° 5	5°50	n.a.	S 9
S 10	2 32 36	7°45'03	12♏16	23°43	26°23	22°47	1°52	11°44	7°45	9°15	11°54	16°16	15° 2	5°57	n.a.	S 10
M11	2 36 32	8°46'20	24°39	25°14	27°38	23°31	2° 4	11°39	7°44	9°17	11°54	16°13	14°59	6° 4	n.a.	M11
T 12	2 40 29	9°47'37	6♐51	26°44	28°54	24°15	2°16	11°34	7°43	9°20	11°54	16° 9	14°56	6°10	n.a.	T 12
W13	2 44 25	10°48'55	18°54	28°15	0♏ 9	24°59	2°27	11°29	7°42	9°22	11°54	16° 5	14°52	6°17	n.a.	W13
T 14	2 48 22	11°50'13	0♑50	29°47	1°25	25°43	2°39	11°24	7°41	9°24	11°54	16° 0	14°49	6°24	n.a.	T 14
F 15	2 52 18	12°51'31	12°42	1♏18	2°41	26°27	2°51	11°19	7°40	9°26	11°54	15°56	14°46	6°31	n.a.	F 15
S 16	2 56 15	13°52'49	24°33	2°50	3°56	27°12	3° 2	11°14	7°39	9°29	11°55	15°53	14°43	6°37	n.a.	S 16
S 17	3 0 12	14°54'07	6♒28	4°22	5°12	27°56	3°14	11° 9	7°38	9°31	11°55	15°51	14°40	6°44	n.a.	S 17
M18	3 4 8	15°55'25	18°32	5°55	6°27	28°40	3°25	11° 4	7°36	9°33	11°55	15°D51	14°36	6°51	n.a.	M18
T 19	3 8 5	16°56'43	0♓48	7°28	7°43	29°24	3°37	10°59	7°35	9°35	11°55	15°52	14°33	6°58	n.a.	T 19
W20	3 12 1	17°58'00	13°23	9° 0	8°58	0♏ 9	3°48	10°54	7°34	9°38	11°56	15°54	14°30	7° 4	n.a.	W20
T 21	3 15 58	18°59'18	26°20	10°34	10°14	0°53	3°59	10°49	7°32	9°40	11°56	15°55	14°27	7°11	n.a.	T 21
F 22	3 19 54	20° 0'35	9♈42	12° 7	11°29	1°37	4°10	10°44	7°31	9°42	11°56	15°R56	14°24	7°18	n.a.	F 22
S 23	3 23 51	21° 1'51	23°31	13°41	12°45	2°22	4°21	10°40	7°29	9°44	11°57	15°56	14°21	7°24	n.a.	S 23
S 24	3 27 47	22° 3'08	7♉45	15°15	14° 1	3° 6	4°32	10°35	7°28	9°47	11°57	15°55	14°17	7°31	n.a.	S 24
M25	3 31 44	23° 4'24	22°22	16°49	15°16	3°51	4°43	10°30	7°26	9°49	11°58	15°51	14°14	7°38	n.a.	M25
T 26	3 35 41	24° 5'41	7♊14	18°24	16°32	4°35	4°54	10°25	7°24	9°51	11°58	15°46	14°11	7°45	n.a.	T 26
W27	3 39 37	25° 6'57	22°12	19°59	17°47	5°20	5° 5	10°20	7°23	9°53	11°59	15°40	14° 8	7°51	n.a.	W27
T 28	3 43 34	26° 8'13	7♋ 9	21°34	19° 3	6° 4	5°15	10°16	7°21	9°56	11°59	15°33	14° 5	7°58	n.a.	T 28
F 29	3 47 30	27° 9'29	21°55	23°10	20°18	6°49	5°26	10°11	7°19	9°58	12° 0	15°28	14° 2	8° 5	n.a.	F 29
S 30	3 51 27	28♏10'45	6♌24	24♏46	21♏33	7♏34	5♎36	10♉ 6	7♋17	10♏ 0	12♒ 0	15♎24	13♎58	8♑12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 8	18n 4	5s16	2s36	1n47	4s56	1n10	6s10	0n20	1n 7	1n14	13n53	2s 3	24n 4	0n29	13s 6	1n41	32s36	15s50	6s29	6s12	18s41		n.a.
S 2	11 30	16 12	5 12	3 15	1 41	5 27	1 9	6 28	0 20	1 2	1 14	13 51	2 3	24 4	0 29	13 7	1 41	32 36	15 50	6 29	6 11	18 40		n.a.
S 3	11 52	13 24	4 50	3 55	1 35	5 58	1 7	6 45	0 19	0 57	1 14	13 50	2 3	24 4	0 29	13 8	1 41	32 36	15 49	6 29	6 10	18 40		n.a.
M 4	12 14	9 52	4 11	4 35	1 29	6 29	1 5	7 3	0 18	0 52	1 14	13 48	2 3	24 5	0 29	13 8	1 41	32 36	15 49	6 29	6 8	18 40		n.a.
T 5	12 35	5 52	3 19	5 15	1 22	7 0	1 3	7 20	0 18	0 47	1 14	13 47	2 3	24 5	0 29	13 9	1 41	32 35	15 49	6 30	6 7	18 39		n.a.
W 6	12 57	1 38	2 16	5 55	1 15	7 30	1 2	7 38	0 17	0 42	1 14	13 45	2 3	24 5	0 29	13 10	1 41	32 35	15 48	6 30	6 6	18 39		n.a.
T 7	13 18	2s38	1 8	6 36	1 8	8 0	1 0	7 55	0 17	0 37	1 14	13 44	2 3	24 5	0 29	13 10	1 41	32 35	15 48	6 31	6 5	18 38		n.a.
F 8	13 38	6 42	0n 3	7 16	1 2	8 31	0 58	8 12	0 16	0 32	1 14	13 42	2 3	24 5	0 29	13 11	1 41	32 34	15 48	6 31	6 3	18 38		n.a.
S 9	13 59	10 24	1 13	7 57	0 55	9 0	0 56	8 29	0 15	0 28	1 14	13 41	2 3	24 5	0 29	13 12	1 41	32 34	15 47	6 30	6 2	18 37		n.a.
S 10	14 19	13 35	2 18	8 37	0 48	9 30	0 54	8 47	0 15	0 23	1 14	13 39	2 3	24 5	0 29	13 13	1 41	32 34	15 47	6 30	6 1	18 37		n.a.
M11	14 39	16 5	3 16	9 17	0 41	10 0	0 52	9 4	0 14	0 18	1 14	13 38	2 3	24 5	0 29	13 13	1 41	32 33	15 47	6 29	6 0	18 37		n.a.
T 12	14 59	17 49	4 3	9 57	0 34	10 29	0 50	9 21	0 13	0 13	1 15	13 36	2 3	24 5	0 29	13 14	1 41	32 33	15 46	6 27	5 58	18 36		n.a.
W13	15 19	18 43	4 39	10 37	0 27	10 58	0 48	9 38	0 13	0 9	1 15	13 35	2 3	24 5	0 29	13 15	1 41	32 33	15 46	6 25	5 57	18 36		n.a.
T 14	15 38	18 47	5 3	11 16	0 20	11 27	0 46	9 55	0 12	0 4	1 15	13 33	2 3	24 5	0 29	13 16	1 41	32 32	15 46	6 24	5 56	18 35		n.a.
F 15	15 57	18 1	5 13	11 55	0 13	11 55	0 44	10 12	0 11	0s 1	1 15	13 32	2 3	24 5	0 29	13 16	1 41	32 32	15 45	6 22	5 55	18 35		n.a.
S 16	16 16	16 29	5 10	12 34	0 6	12 23	0 42	10 28	0 11	0 5	1 15	13 30	2 2	24 6	0 29	13 17	1 41	32 31	15 45	6 21	5 53	18 34		n.a.
S 17	16 34	14 14	4 53	13 12	0s 1	12 51	0 39	10 45	0 10	0 10	1 15	13 29	2 2	24 6	0 29	13 18	1 41	32 31	15 44	6 20	5 52	18 34		n.a.
M18	16 52	11 20	4 24	13 50	0 8	13 18	0 37	11 2	0 10	0 14	1 15	13 27	2 2	24 6	0 29	13 19	1 41	32 31	15 44	6 20	5 51	18 33		n.a.
T 19	17 10	7 55	3 42	14 27	0 14	13 46	0 35	11 18	0 9	0 19	1 15	13 26	2 2	24 6	0 29	13 19	1 41	32 30	15 44	6 20	5 50	18 33		n.a.
W20	17 28	4 3	2 49	15 4	0 21	14 12	0 33	11 35	0 8	0 23	1 15	13 25	2 2	24 6	0 30	13 20	1 41	32 30	15 43	6 21	5 48	18 33		n.a.
T 21	17 45	0n 7	1 45	15 40	0 27	14 39	0 30	11 51	0 8	0 28	1 15	13 23	2 2	24 6	0 30	13 21	1 41	32 29	15 43	6 22	5 47	18 32		n.a.
F 22	18 2	4 25	0 34	16 15	0 34	15 5	0 28	12 7	0 7	0 32	1 16	13 22	2 2	24 6	0 30	13 21	1 41	32 29	15 43	6 22	5 46	18 32		n.a.
S 23	18 18	8 38	0s41	16 50	0 40	15 31	0 26	12 24	0 6	0 36	1 16	13 20	2 2	24 6	0 30	13 22	1 41	32 28	15 42	6 22	5 45	18 31		n.a.
S 24	18 35	12 30	1 56	17 24	0 46	15 56	0 23	12 40	0 6	0 41	1 16	13 19	2 2	24 6	0 30	13 23	1 41	32 28	15 42	6 21	5 43	18 31		n.a.
M25	18 51	15 41	3 5	17 58	0 52	16 21	0 21	12 56	0 5	0 45	1 16	13 17	2 1	24 7	0 30	13 24	1 41	32 28	15 42	6 20	5 42	18 30		n.a.
T 26	19 6	17 53	4 3	18 30	0 58	16 45	0 19	13 12	0 4	0 49	1 16	13 16	2 1	24 7	0 30	13 24	1 41	32 27	15 41	6 18	5 41	18 30		n.a.
W27	19 21	18 52	4 44	19 2	1 3	17 9	0 16	13 27	0 4	0 53	1 16	13 15	2 1	24 7	0 30	13 25	1 41	32 27	15 41	6 16	5 40	18 29		n.a.
T 28	19 36	18 32	5 6	19 33	1 9	17 32	0 14	13 43	0 3	0 57	1 16	13 13	2 1	24 7	0 30	13 26	1 41	32 26	15 41	6 13	5 38	18 29		n.a.
F 29	19 51	16 57	5 8	20 3	1 14	17 55	0 12	13 59	0 2	1 2	1 16	13 12	2 1	24 7	0 30	13 26	1 41	32 26	15 40	6 11	5 37	18 28		n.a.
S 30	20s 5	14n19	4s49	20s33	1s19	18s18	0n 9	14s14	0n 1	1s 6	1n16	13n11	2s 1	24n 7	0n30	13s27	1n41	32s25	15s40	6s10	5s36	18s28		n.a.

Julian Day Number = 1301324.5, Delta T = 07h50m05s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'06, Lahiri = -19°50'05 Julian Calendar 1 Nov. 1151 BCE == Greg. Calendar 21 Oct. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1151 BCE
geocentric

DECEMBER 1151 BCE (-1150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 23	29♏12'01	20♌33	26♏22	22♏49	8♏19	5♎47	10°R 2	7°R16	10♏ 2	12♒ 1	15°R22	13♎55	8♉18	n.a.	S 1
M 2	3 59 20	0♐13'17	4♍20	27°59	24° 4	9° 3	5°57	9♉57	7♋14	10° 4	12° 1	15°D22	13°52	8°25	n.a.	M 2
T 3	4 3 17	1°14'33	17°46	29°37	25°20	9°48	6° 7	9°53	7°12	10° 6	12° 2	15♎23	13°49	8°32	n.a.	T 3
W 4	4 7 13	2°15'48	0♎53	1♐14	26°35	10°33	6°17	9°48	7°10	10° 9	12° 3	15°24	13°46	8°38	n.a.	W 4
T 5	4 11 10	3°17'03	13°45	2°53	27°51	11°18	6°27	9°44	7° 8	10°11	12° 3	15°R25	13°42	8°45	n.a.	T 5
F 6	4 15 6	4°18'18	26°23	4°31	29° 6	12° 3	6°37	9°39	7° 6	10°13	12° 4	15°24	13°39	8°52	n.a.	F 6
S 7	4 19 3	5°19'32	8♏50	6°11	0♐22	12°48	6°47	9°35	7° 4	10°15	12° 5	15°21	13°36	8°59	n.a.	S 7
S 8	4 22 59	6°20'46	21° 8	7°50	1°37	13°33	6°56	9°31	7° 2	10°17	12° 5	15°16	13°33	9° 5	n.a.	S 8
M 9	4 26 56	7°22'00	3♐18	9°31	2°52	14°18	7° 6	9°27	6°59	10°19	12° 6	15° 8	13°30	9°12	n.a.	M 9
T 10	4 30 52	8°23'12	15°21	11°11	4° 8	15° 3	7°15	9°23	6°57	10°21	12° 7	14°58	13°27	9°19	n.a.	T 10
W11	4 34 49	9°24'24	27°19	12°52	5°23	15°48	7°25	9°19	6°55	10°23	12° 8	14°47	13°23	9°25	n.a.	W11
T 12	4 38 46	10°25'35	9♑12	14°34	6°39	16°33	7°34	9°15	6°53	10°25	12° 9	14°35	13°20	9°32	n.a.	T 12
F 13	4 42 42	11°26'45	21° 4	16°16	7°54	17°19	7°43	9°11	6°50	10°27	12° 9	14°25	13°17	9°39	n.a.	F 13
S 14	4 46 39	12°27'54	2♒55	17°59	9° 9	18° 4	7°52	9° 7	6°48	10°29	12°10	14°16	13°14	9°46	n.a.	S 14
S 15	4 50 35	13°29'02	14°49	19°42	10°25	18°49	8° 1	9° 4	6°46	10°31	12°11	14° 9	13°11	9°52	n.a.	S 15
M16	4 54 32	14°30'09	26°50	21°25	11°40	19°34	8° 9	9° 0	6°44	10°33	12°12	14° 5	13° 8	9°59	n.a.	M16
T 17	4 58 28	15°31'14	9♓ 2	23° 9	12°55	20°20	8°18	8°56	6°41	10°35	12°13	14° 3	13° 4	10° 6	n.a.	T 17
W18	5 2 25	16°32'18	21°30	24°53	14°11	21° 5	8°26	8°53	6°39	10°37	12°14	14°D 3	13° 1	10°13	n.a.	W18
T 19	5 6 21	17°33'21	4♈20	26°37	15°26	21°51	8°35	8°50	6°36	10°39	12°15	14° 3	12°58	10°19	n.a.	T 19
F 20	5 10 18	18°34'22	17°35	28°21	16°41	22°36	8°43	8°46	6°34	10°41	12°16	14°R 4	12°55	10°26	n.a.	F 20
S 21	5 14 15	19°35'22	1♉19	0♑ 6	17°56	23°21	8°51	8°43	6°31	10°43	12°17	14° 2	12°52	10°33	n.a.	S 21
S 22	5 18 11	20°36'21	15°32	1°50	19°12	24° 7	8°59	8°40	6°29	10°45	12°18	13°59	12°48	10°39	n.a.	S 22
M23	5 22 8	21°37'18	0♊14	3°34	20°27	24°52	9° 7	8°37	6°26	10°46	12°19	13°53	12°45	10°46	n.a.	M23
T 24	5 26 4	22°38'14	15°18	5°17	21°42	25°38	9°15	8°34	6°24	10°48	12°20	13°44	12°42	10°53	n.a.	T 24
W25	5 30 1	23°39'09	0♋34	6°59	22°57	26°23	9°22	8°32	6°21	10°50	12°21	13°33	12°39	11° 0	n.a.	W25
T 26	5 33 57	24°40'02	15°53	8°41	24°12	27° 9	9°29	8°29	6°19	10°52	12°22	13°23	12°36	11° 6	n.a.	T 26
F 27	5 37 54	25°40'54	1♌ 1	10°21	25°27	27°55	9°37	8°26	6°16	10°54	12°23	13°13	12°33	11°13	n.a.	F 27
S 28	5 41 51	26°41'45	15°51	11°59	26°43	28°40	9°44	8°24	6°14	10°55	12°24	13° 5	12°29	11°20	n.a.	S 28
S 29	5 45 47	27°42'35	0♍15	13°35	27°58	29°26	9°51	8°21	6°11	10°57	12°26	13° 0	12°26	11°27	n.a.	S 29
M30	5 49 44	28°43'24	14°12	15° 8	29°13	0♐12	9°58	8°19	6° 9	10°59	12°27	12°57	12°23	11°33	n.a.	M30
T 31	5 53 40	29♐44'11	27♍41	16♑38	0♑28	0♐58	10♎ 4	8♉17	6♋ 6	11♏ 0	12♒28	12°D56	12♎20	11♑40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s18	10n52	4s13	21s 1	1s24	18s40	0n 7	14s30	0n 1	1s10	1n17	13n 9	2s 0	24n 7	0n30	13s28	1n41	32s25	15s40	6s 9	5s35	18s27			n.a.
M 2	20 32	6 55	3 24	21 28	1 29	19 1	0 4	14 45	0 0	1 14	1 17	13 8	2 0	24 8	0 30	13 28	1 41	32 24	15 39	6 9	5 33	18 27			n.a.
T 3	20 45	2 43	2 24	21 54	1 33	19 22	0 2	15 0	0s 1	1 18	1 17	13 7	2 0	24 8	0 30	13 29	1 41	32 24	15 39	6 9	5 32	18 26			n.a.
W 4	20 57	1s33	1 18	22 20	1 37	19 43	0s 0	15 15	0 1	1 22	1 17	13 6	2 0	24 8	0 30	13 30	1 41	32 23	15 39	6 9	5 31	18 26			n.a.
T 5	21 9	5 39	0 9	22 43	1 41	20 3	0 3	15 30	0 2	1 25	1 17	13 4	2 0	24 8	0 30	13 30	1 41	32 23	15 39	6 10	5 30	18 25			n.a.
F 6	21 21	9 26	0n59	23 6	1 45	20 22	0 5	15 45	0 3	1 29	1 17	13 3	2 0	24 8	0 30	13 31	1 41	32 22	15 38	6 10	5 28	18 25			n.a.
S 7	21 32	12 44	2 3	23 28	1 48	20 41	0 7	15 59	0 3	1 33	1 17	13 2	1 59	24 8	0 30	13 32	1 41	32 22	15 38	6 8	5 27	18 24			n.a.
S 8	21 43	15 27	3 0	23 48	1 51	20 59	0 10	16 14	0 4	1 37	1 18	13 1	1 59	24 8	0 30	13 32	1 42	32 21	15 38	6 6	5 26	18 24			n.a.
M 9	21 54	17 26	3 48	24 7	1 54	21 16	0 12	16 28	0 5	1 40	1 18	13 0	1 59	24 8	0 30	13 33	1 42	32 21	15 37	6 3	5 25	18 23			n.a.
T 10	22 4	18 37	4 25	24 24	1 56	21 33	0 14	16 42	0 6	1 44	1 18	12 59	1 59	24 9	0 30	13 34	1 42	32 20	15 37	5 59	5 23	18 23			n.a.
W11	22 13	18 57	4 51	24 40	1 58	21 49	0 17	16 56	0 6	1 48	1 18	12 58	1 59	24 9	0 30	13 34	1 42	32 20	15 37	5 55	5 22	18 22			n.a.
T 12	22 22	18 28	5 3	24 54	2 0	22 5	0 19	17 10	0 7	1 51	1 18	12 56	1 58	24 9	0 30	13 35	1 42	32 19	15 36	5 50	5 21	18 22			n.a.
F 13	22 31	17 10	5 2	25 7	2 1	22 20	0 21	17 24	0 8	1 55	1 18	12 55	1 58	24 9	0 30	13 35	1 42	32 19	15 36	5 46	5 20	18 21			n.a.
S 14	22 39	15 9	4 49	25 18	2 2	22 34	0 24	17 37	0 8	1 58	1 19	12 54	1 58	24 9	0 30	13 36	1 42	32 18	15 36	5 43	5 18	18 20			n.a.
S 15	22 47	12 28	4 22	25 27	2 2	22 48	0 26	17 51	0 9	2 2	1 19	12 53	1 58	24 9	0 30	13 37	1 42	32 17	15 36	5 40	5 17	18 20			n.a.
M16	22 55	9 16	3 44	25 34	2 2	23 1	0 28	18 4	0 10	2 5	1 19	12 53	1 58	24 9	0 30	13 37	1 42	32 17	15 35	5 38	5 16	18 19			n.a.
T 17	23 2	5 36	2 56	25 40	2 1	23 13	0 30	18 17	0 11	2 8	1 19	12 52	1 57	24 10	0 30	13 38	1 42	32 16	15 35	5 38	5 15	18 19			n.a.
W18	23 8	1 38	1 57	25 44	2 0	23 25	0 33	18 30	0 11	2 11	1 19	12 51	1 57	24 10	0 30	13 38	1 42	32 16	15 35	5 38	5 13	18 18			n.a.
T 19	23 14	2n32	0 52	25 45	1 58	23 36	0 35	18 43	0 12	2 15	1 19	12 50	1 57	24 10	0 30	13 39	1 42	32 15	15 34	5 38	5 12	18 18			n.a.
F 20	23 20	6 43	0s19	25 45	1 56	23 46	0 37	18 55	0 13	2 18	1 20	12 49	1 57	24 10	0 30	13 40	1 42	32 15	15 34	5 38	5 11	18 17			n.a.
S 21	23 25	10 42	1 31	25 43	1 53	23 55	0 39	19 8	0 13	2 21	1 20	12 48	1 56	24 10	0 30	13 40	1 42	32 14	15 34	5 37	5 10	18 17			n.a.
S 22	23 29	14 13	2 39	25 39	1 50	24 4	0 41	19 20	0 14	2 24	1 20	12 47	1 56	24 10	0 30	13 41	1 42	32 14	15 34	5 36	5 8	18 16			n.a.
M23	23 34	16 57	3 39	25 32	1 45	24 12	0 43	19 32	0 15	2 27	1 20	12 47	1 56	24 10	0 30	13 41	1 42	32 13	15 33	5 34	5 7	18 16			n.a.
T 24	23 37	18 36	4 26	25 24	1 40	24 19	0 45	19 44	0 16	2 30	1 20	12 46	1 56	24 11	0 30	13 42	1 42	32 12	15 33	5 30	5 6	18 15			n.a.
W25	23 40	18 55	4 54	25 13	1 35	24 25	0 47	19 56	0 16	2 32	1 20	12 45	1 55	24 11	0 30	13 42	1 42	32 12	15 33	5 26	5 5	18 14			n.a.
T 26	23 43	17 53	5 1	25 0	1 28	24 31	0 49	20 7	0 17	2 35	1 21	12 45	1 55	24 11	0 30	13 43	1 42	32 11	15 33	5 22	5 3	18 14			n.a.
F 27	23 45	15 35	4 48	24 46	1 21	24 36	0 51	20 18	0 18	2 38	1 21	12 44	1 55	24 11	0 30	13 43	1 42	32 11	15 32	5 18	5 2	18 13			n.a.
S 28	23 47	12 18	4 14	24 29	1 13	24 40	0 53	20 29	0 19	2 41	1 21	12 44	1 55	24 11	0 30	13 44	1 42	32 10	15 32	5 15	5 1	18 13			n.a.
S 29	23 49	8 22	3 26	24 11	1 4	24 43	0 55	20 40	0 19	2 43	1 21	12 43	1 54	24 11	0 30	13 44	1 42	32 10	15 32	5 13	5 0	18 12			n.a.
M30	23 49	4 5	2 26	23 51	0 54	24 46	0 57	20 51	0 20	2 46	1 21	12 43	1 54	24 11	0 30	13 45	1 42	32 9	15 32	5 12	4 58	18 11			n.a.
T 31	23s50	0s17	1s20	23s29	0s43	24s48	0s58	21s 1	0s21	2s48	1n22	12n42	1s54	24n12	0n30	13s45	1n42	32s 8	15s31	5s11	4s57	18s11			n.a.

Julian Day Number = 1301354.5, Delta T = 07h50m03s
Ecliptic obliquity = 23°49'45, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -18°57'02, Lahiri = -19°50'01 Julian Calendar 1 Dec. 1151 BCE == Greg. Calendar 20 Nov. 1151 BCE

The year -1150 astronomical counting style corresponds to year 1151 B.C.E historical counting style.

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